

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131389.D
 Acq On : 25 Nov 2022 11:12
 Operator : CG\JU
 Sample : PB149242BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149242BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/02/2022
 Supervised By : mohammad ahmed 12/02/2022

Quant Time: Nov 25 23:15:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	99401	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	372261	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	212236	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	385154	20.000	ng	0.00
76) Chrysene-d12	14.174	240	247234	20.000	ng	0.00
86) Perylene-d12	15.710	264	207676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	762291	145.955	ng	0.02
7) Phenol-d6	6.581	99	951812	142.836	ng	0.00
23) Nitrobenzene-d5	7.528	82	623769	84.466	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	286210	160.292	ng	0.00
45) 2-Fluorobiphenyl	9.334	172	1139462	78.107	ng	0.00
79) Terphenyl-d14	13.110	244	1334001	88.234	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	94336	37.887	ng	98
3) Pyridine	3.616	79	262976	38.036	ng	97
4) n-Nitrosodimethylamine	3.587	42	177491	43.532	ng	96
6) Aniline	6.622	93	280501m	32.119	ng	
8) 2-Chlorophenol	6.740	128	292441	49.424	ng	99
9) Benzaldehyde	6.510	77	168195	41.415	ng	96
10) Phenol	6.593	94	351920	47.633	ng	99
11) bis(2-Chloroethyl)ether	6.693	93	275052	44.434	ng	98
12) 1,3-Dichlorobenzene	6.898	146	310331	44.006	ng	98
13) 1,4-Dichlorobenzene	6.975	146	311846	43.520	ng	98
14) 1,2-Dichlorobenzene	7.128	146	302718	45.882	ng	98
15) Benzyl Alcohol	7.098	79	274404	50.222	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.228	45	494867	41.802	ng	100
17) 2-Methylphenol	7.204	107	242277	48.041	ng	99
18) Hexachloroethane	7.475	117	118726	46.317	ng	99
19) n-Nitroso-di-n-propyla...	7.375	70	213907	43.850	ng	97
20) 3+4-Methylphenols	7.357	107	300935	46.735	ng	95
22) Acetophenone	7.375	105	416328	43.937	ng	# 95
24) Nitrobenzene	7.545	77	331525	43.088	ng	99
25) Isophorone	7.787	82	592932	45.003	ng	98
26) 2-Nitrophenol	7.863	139	148854	57.752	ng	92
27) 2,4-Dimethylphenol	7.893	122	265518	51.984	ng	100
28) bis(2-Chloroethoxy)met...	7.992	93	342419	45.758	ng	98
29) 2,4-Dichlorophenol	8.104	162	257214	46.426	ng	96
30) 1,2,4-Trichlorobenzene	8.187	180	285942	41.662	ng	99
31) Naphthalene	8.275	128	822588	41.466	ng	99
32) Benzoic acid	8.016	122	194695	57.003	ng	94
33) 4-Chloroaniline	8.316	127	75059	9.591	ng	94
34) Hexachlorobutadiene	8.387	225	179814	40.460	ng	98
35) Caprolactam	8.698	113	80878m	55.553	ng	
36) 4-Chloro-3-methylphenol	8.798	107	274543	47.697	ng	98
37) 2-Methylnaphthalene	8.969	142	555674	41.341	ng	100
38) 1-Methylnaphthalene	9.069	142	522477	40.086	ng	100
40) 1,2,4,5-Tetrachloroben...	9.134	216	288678	41.914	ng	99
41) Hexachlorocyclopentadiene	9.116	237	360612	116.471	ng	99
43) 2,4,6-Trichlorophenol	9.239	196	193950	49.641	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131389.D
 Acq On : 25 Nov 2022 11:12
 Operator : CG\JU
 Sample : PB149242BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149242BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/02/2022
 Supervised By : mohammad ahmed 12/02/2022

Quant Time: Nov 25 23:15:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	203998	46.432	ng	95
46) 1,1'-Biphenyl	9.434	154	690154	42.612	ng	98
47) 2-Chloronaphthalene	9.463	162	551310	42.433	ng	98
48) 2-Nitroaniline	9.557	65	195441	49.543	ng	98
49) Acenaphthylene	9.881	152	844156	42.622	ng	99
50) Dimethylphthalate	9.739	163	639421	43.241	ng	98
51) 2,6-Dinitrotoluene	9.798	165	142948	48.338	ng	89
52) Acenaphthene	10.051	154	592397m	47.766	ng	
53) 3-Nitroaniline	9.969	138	71230	23.441	ng	95
54) 2,4-Dinitrophenol	10.075	184	157591	103.258	ng	92
55) Dibenzofuran	10.228	168	740300	41.491	ng	98
56) 4-Nitrophenol	10.128	139	233098	110.528	ng	97
57) 2,4-Dinitrotoluene	10.204	165	196382	52.779	ng	99
58) Fluorene	10.569	166	590561	42.410	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.339	232	180324	49.284	ng	98
60) Diethylphthalate	10.439	149	608948	43.613	ng	99
61) 4-Chlorophenyl-phenyle...	10.557	204	295571	41.405	ng	95
62) 4-Nitroaniline	10.592	138	140943	46.605	ng	97
63) Azobenzene	10.722	77	609579	40.603	ng	97
65) 4,6-Dinitro-2-methylph...	10.616	198	97494	56.028	ng	# 75
66) n-Nitrosodiphenylamine	10.681	169	516623	42.095	ng	98
67) 4-Bromophenyl-phenylether	11.051	248	193823	41.059	ng	95
68) Hexachlorobenzene	11.116	284	210760	42.067	ng	98
69) Atrazine	11.210	200	189987	50.279	ng	100
70) Pentachlorophenol	11.310	266	254724	87.041	ng	98
71) Phenanthrene	11.539	178	880670	42.310	ng	99
72) Anthracene	11.592	178	886003	43.312	ng	100
73) Carbazole	11.745	167	797015	45.676	ng	99
74) Di-n-butylphthalate	12.075	149	908331	44.176	ng	99
75) Fluoranthene	12.733	202	964443	43.971	ng	99
77) Benzidine	12.857	184	320946	70.279	ng	96
78) Pyrene	12.969	202	963568	44.174	ng	99
80) Butylbenzylphthalate	13.586	149	342164	46.744	ng	94
81) Benzo(a)anthracene	14.163	228	741356	43.746	ng	98
82) 3,3'-Dichlorobenzidine	14.121	252	127059	28.255	ng	97
83) Chrysene	14.198	228	702044	42.225	ng	99
84) Bis(2-ethylhexyl)phtha...	14.145	149	413278	42.870	ng	# 99
85) Di-n-octyl phthalate	14.774	149	604363	44.619	ng	97
87) Indeno(1,2,3-cd)pyrene	17.292	276	641840	46.015	ng	100
88) Benzo(b)fluoranthene	15.257	252	649013	47.042	ng	99
89) Benzo(k)fluoranthene	15.286	252	629738	44.417	ng	99
90) Benzo(a)pyrene	15.645	252	561128	49.568	ng	98
91) Dibenzo(a,h)anthracene	17.315	278	541482	47.021	ng	99
92) Benzo(g,h,i)perylene	17.774	276	536641	46.690	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

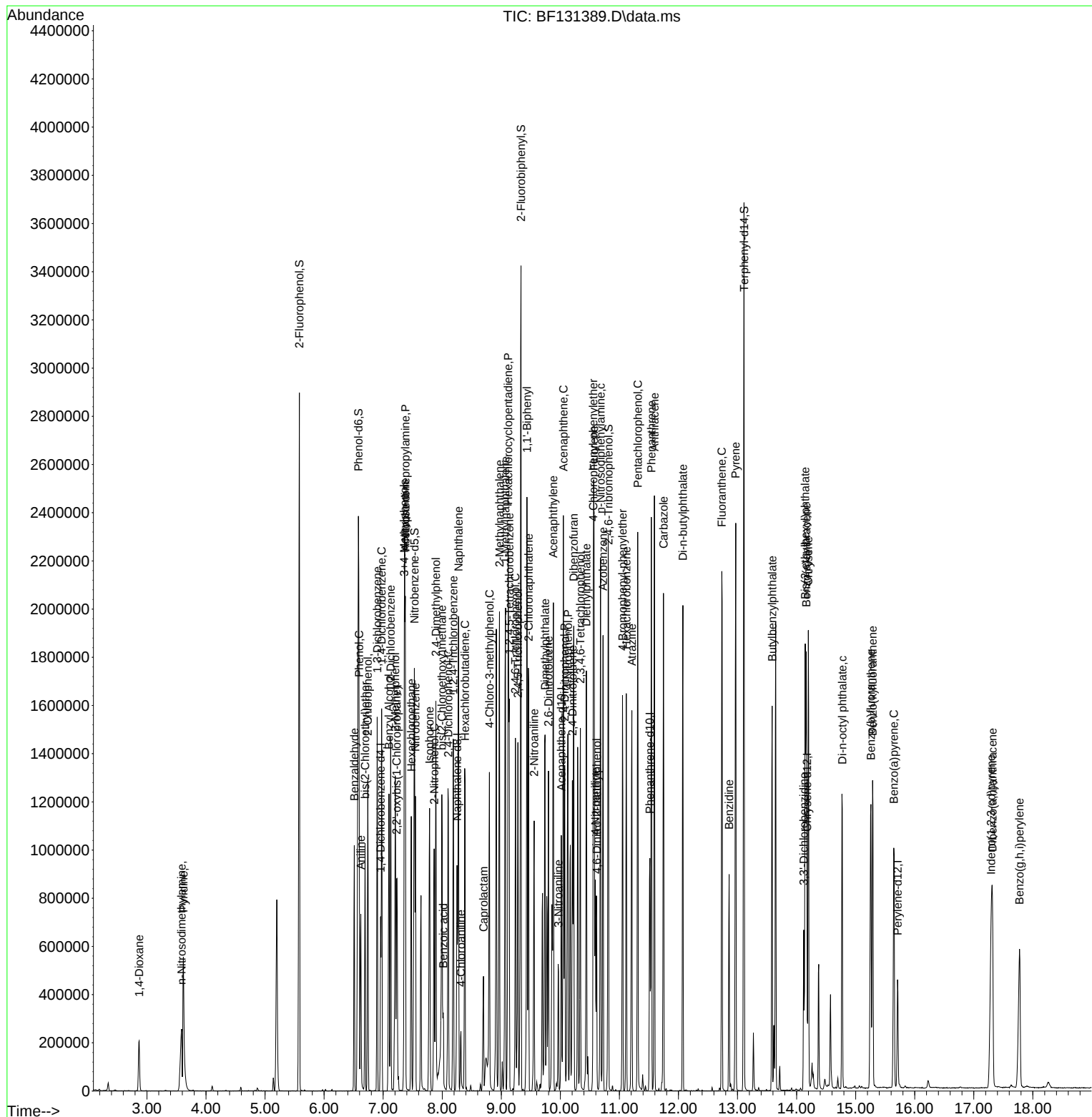
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131389.D
 Acq On : 25 Nov 2022 11:12
 Operator : CG\JU
 Sample : PB149242BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

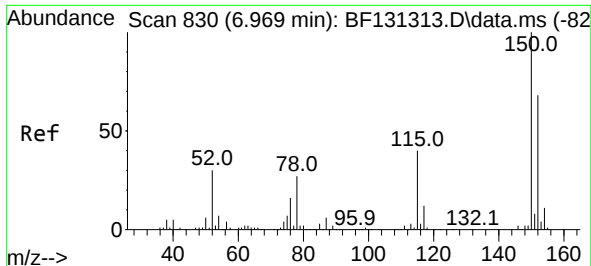
Instrument :
 BNA_F
 ClientSampleId :
 PB149242BSD

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 12/02/2022
 Supervised By : mohammad ahmed 12/02/2022

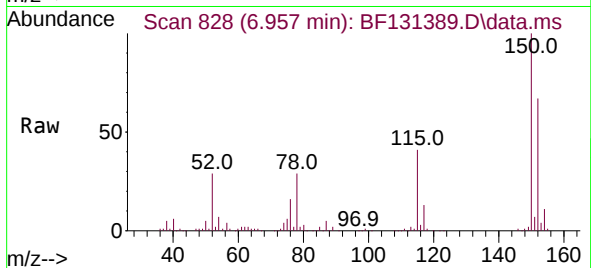
Quant Time: Nov 25 23:15:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

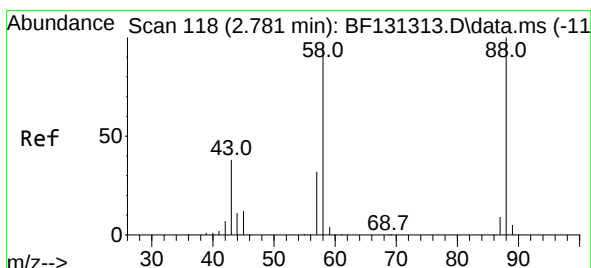
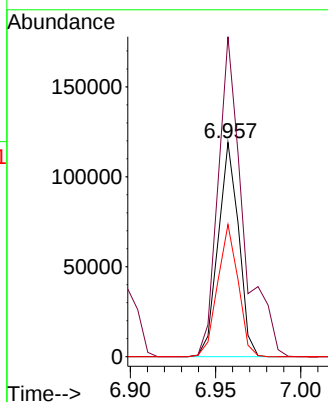
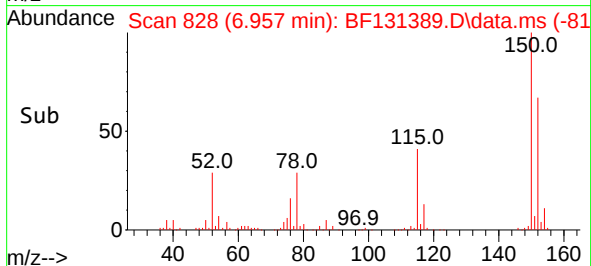
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



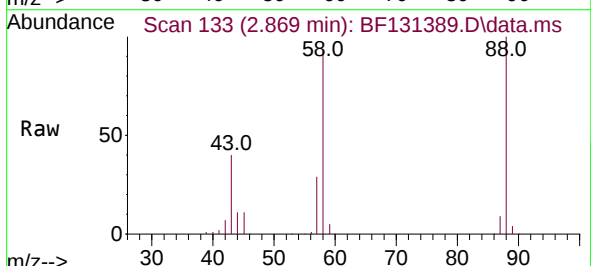
Tgt Ion:152 Resp: 99401
Ion Ratio Lower Upper
152 100
150 149.4 117.8 176.8
115 61.7 47.1 70.7

Manual Integrations
APPROVED

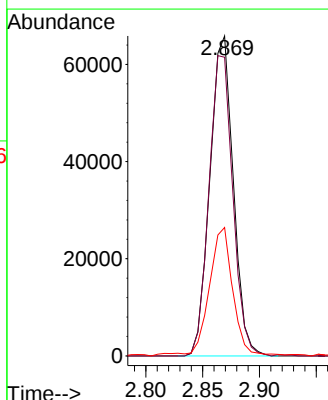
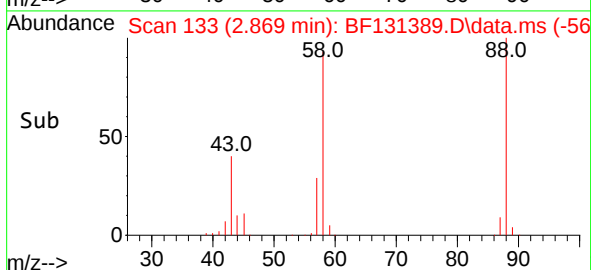
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

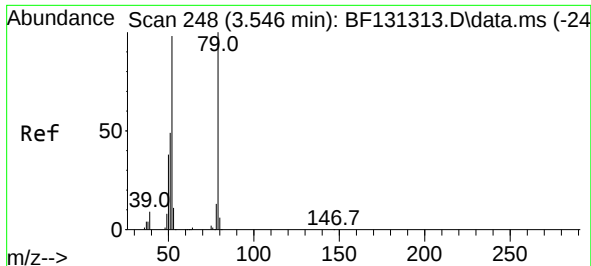


#2
1,4-Dioxane
Concen: 37.887 ng
RT: 2.869 min Scan# 133
Delta R.T. 0.100 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12



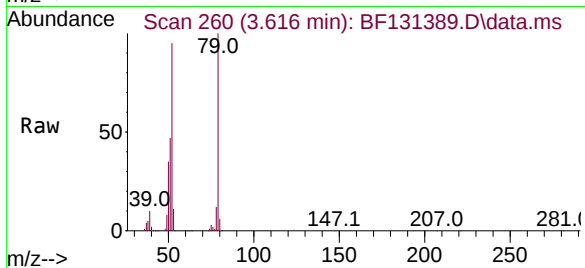
Tgt Ion: 88 Resp: 94336
Ion Ratio Lower Upper
88 100
58 95.5 78.2 117.4
43 40.9 31.6 47.4





#3
 Pyridine
 Concen: 38.036 ng
 RT: 3.616 min Scan# 20
 Delta R.T. 0.077 min
 Lab File: BF131389.D
 Acq: 25 Nov 2022 11:12

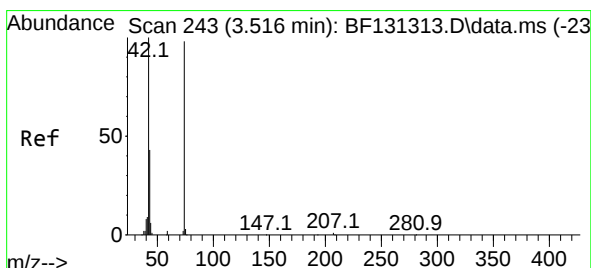
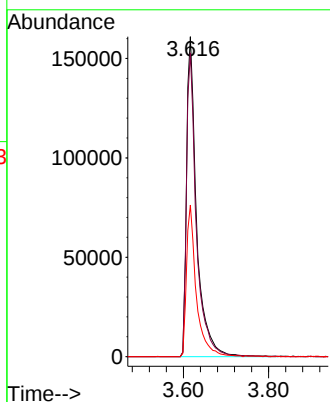
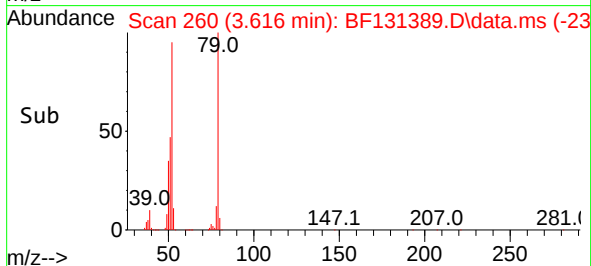
Instrument :
 BNA_F
 ClientSampleId :
 PB149242BSD



Tgt Ion: 79 Resp: 262976
 Ion Ratio Lower Upper
 79 100
 52 94.9 78.7 118.1
 51 47.4 39.3 58.9

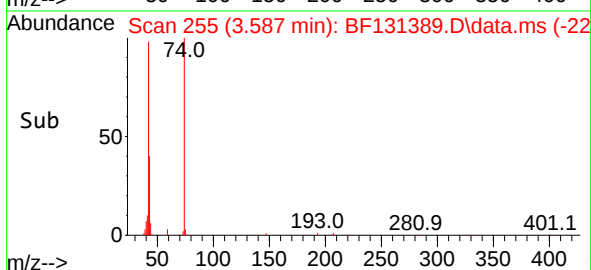
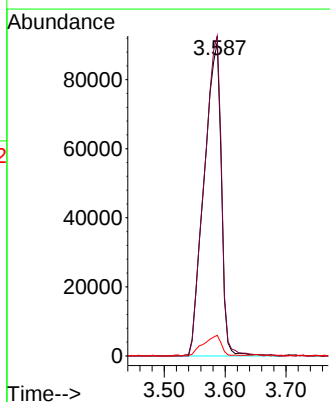
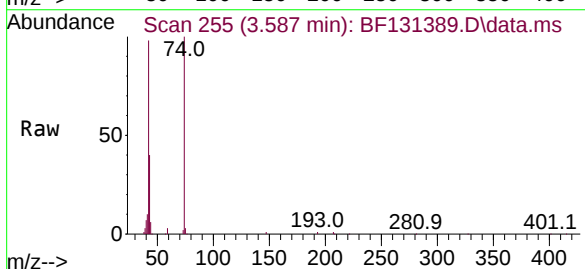
Manual Integrations
 APPROVED

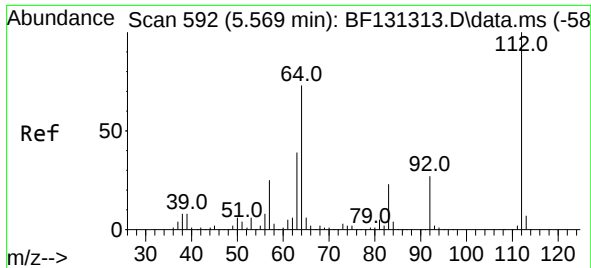
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022



#4
 n-Nitrosodimethylamine
 Concen: 43.532 ng
 RT: 3.587 min Scan# 255
 Delta R.T. 0.083 min
 Lab File: BF131389.D
 Acq: 25 Nov 2022 11:12

Tgt Ion: 42 Resp: 177491
 Ion Ratio Lower Upper
 42 100
 74 102.2 78.0 117.0
 44 6.6 5.2 7.8





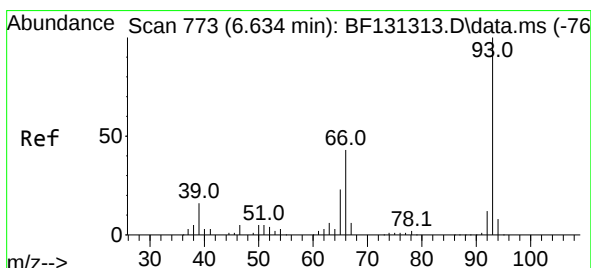
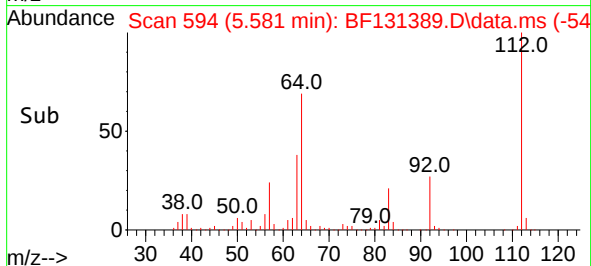
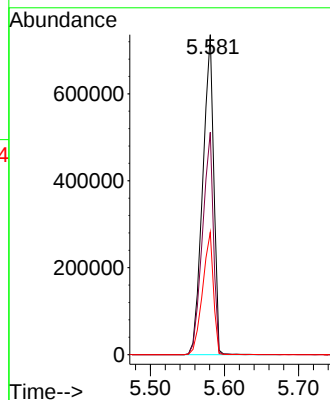
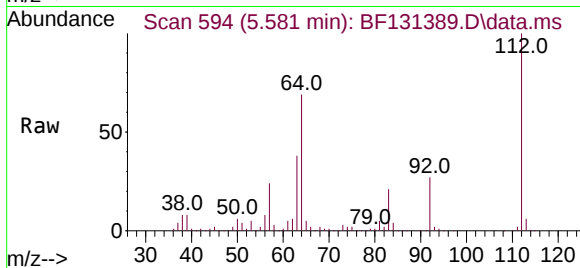
#5
2-Fluorophenol
Concen: 145.955 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.018 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB149242BSD

Tgt Ion:112 Resp: 762291
Ion Ratio Lower Upper
112 100
64 69.5 58.6 88.0
63 38.2 31.4 47.0

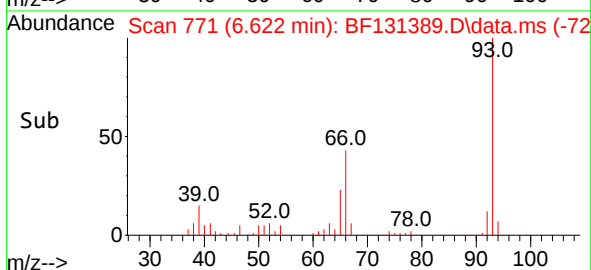
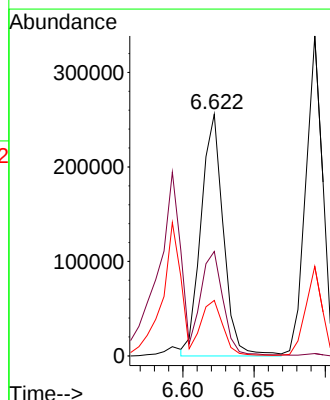
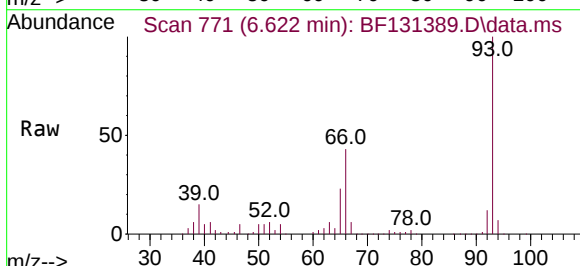
Manual Integrations
APPROVED

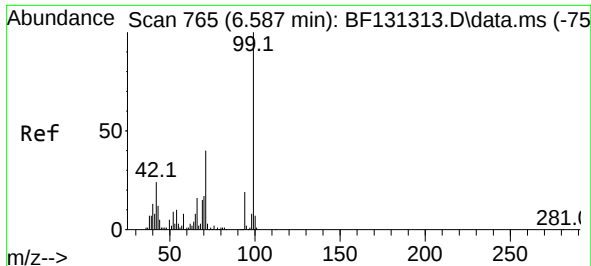
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#6
Aniline
Concen: 32.119 ng m
RT: 6.622 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

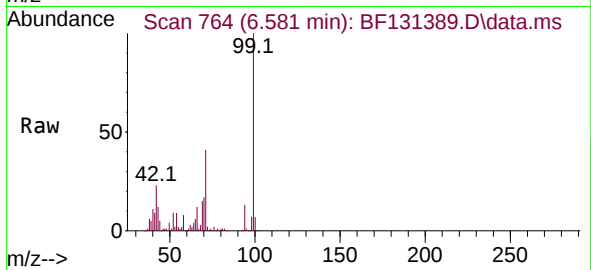
Tgt Ion: 93 Resp: 280501
Ion Ratio Lower Upper
93 100
66 43.2 35.6 53.4
65 22.9 18.4 27.6





#7
Phenol-d6
Concen: 142.836 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

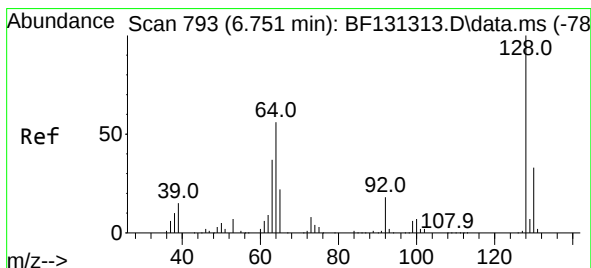
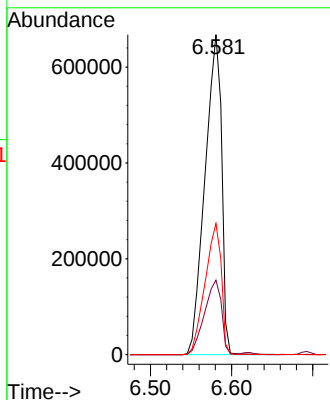
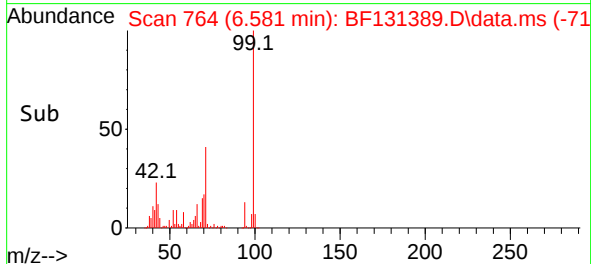
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



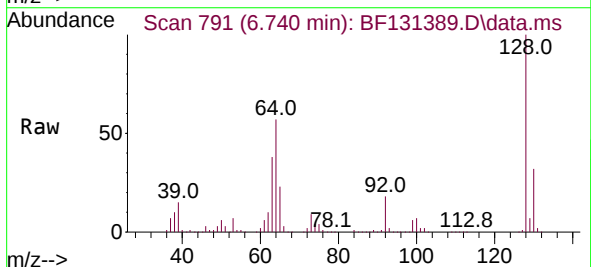
Tgt Ion: 99 Resp: 951812
Ion Ratio Lower Upper
99 100
42 23.3 19.4 29.2
71 41.0 32.3 48.5

Manual Integrations
APPROVED

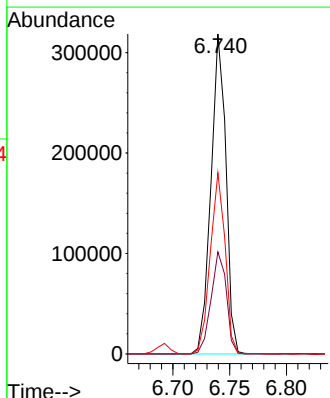
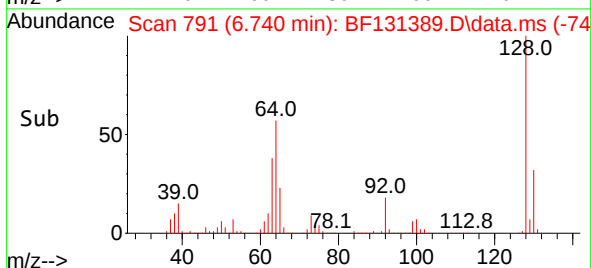
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

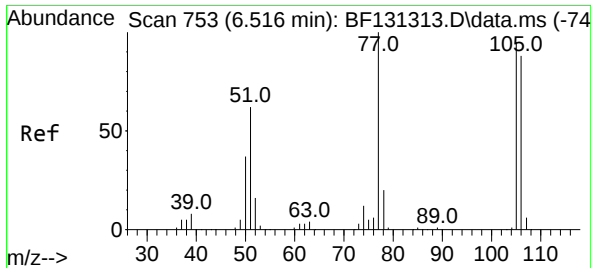


#8
2-Chlorophenol
Concen: 49.424 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12



Tgt Ion:128 Resp: 292441
Ion Ratio Lower Upper
128 100
130 31.9 12.5 52.5
64 56.6 36.9 76.9





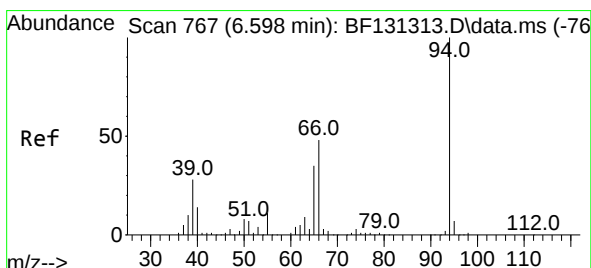
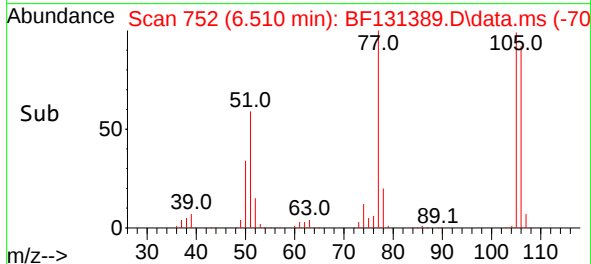
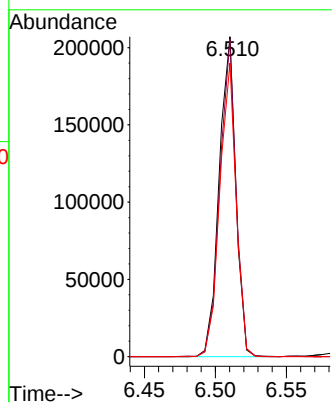
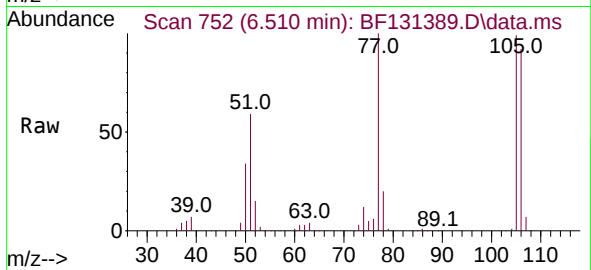
#9
Benzaldehyde
Concen: 41.415 ng
RT: 6.510 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB149242BSD

Tgt Ion: 77 Resp: 168195
Ion Ratio Lower Upper
77 100
105 99.3 74.5 114.5
106 91.8 68.1 108.1

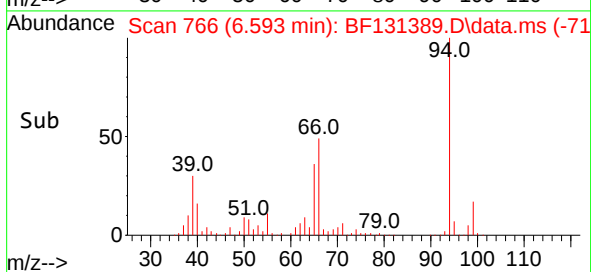
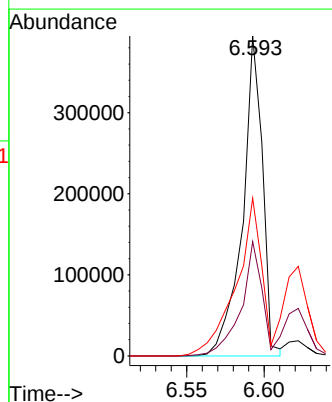
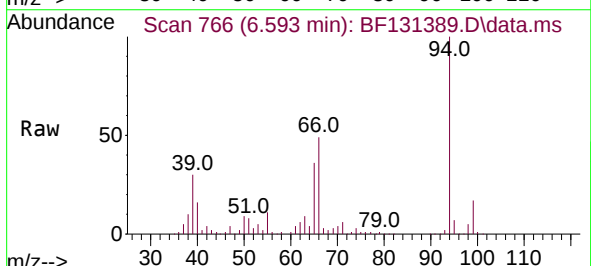
Manual Integrations
APPROVED

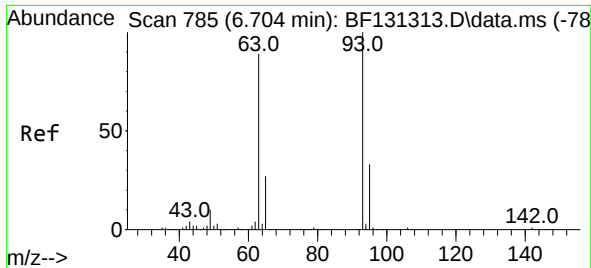
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#10
Phenol
Concen: 47.633 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

Tgt Ion: 94 Resp: 351920
Ion Ratio Lower Upper
94 100
65 35.7 15.0 55.0
66 49.3 28.6 68.6





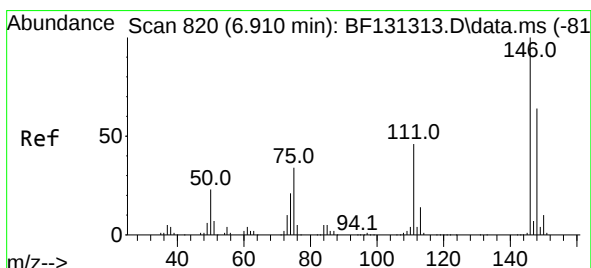
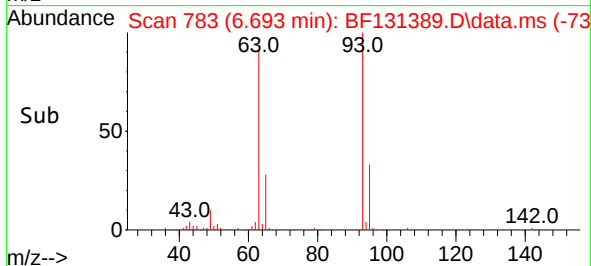
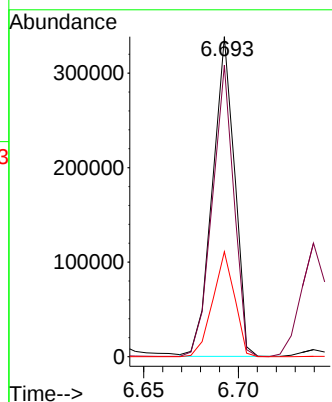
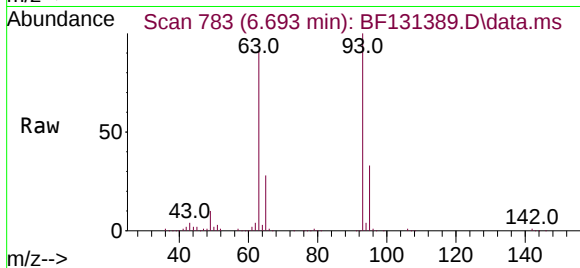
#11
bis(2-Chloroethyl)ether
Concen: 44.434 ng
RT: 6.693 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB149242BSD

Tgt Ion: 93 Resp: 275052
Ion Ratio Lower Upper
93 100
63 91.1 68.6 108.6
95 32.8 13.1 53.1

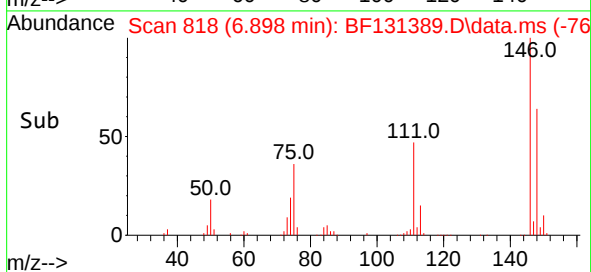
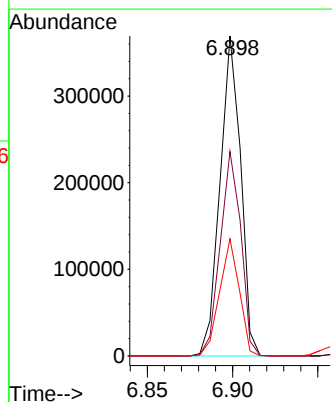
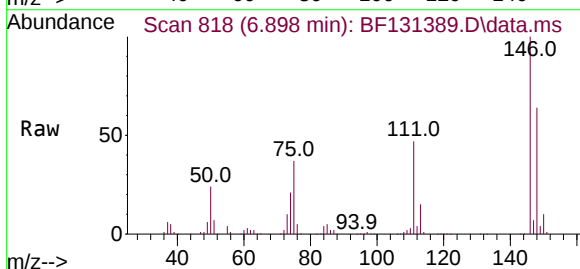
Manual Integrations
APPROVED

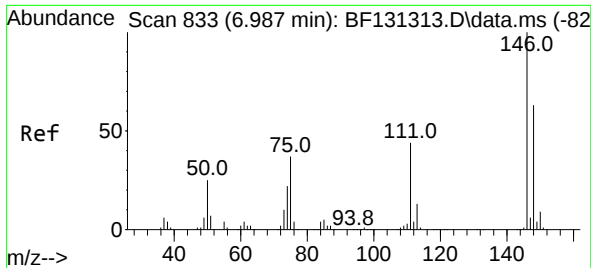
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#12
1,3-Dichlorobenzene
Concen: 44.006 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

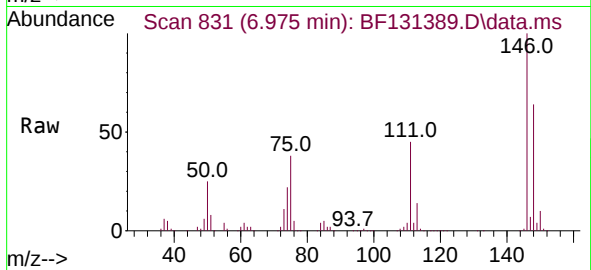
Tgt Ion:146 Resp: 310331
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
75 36.6 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 43.520 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

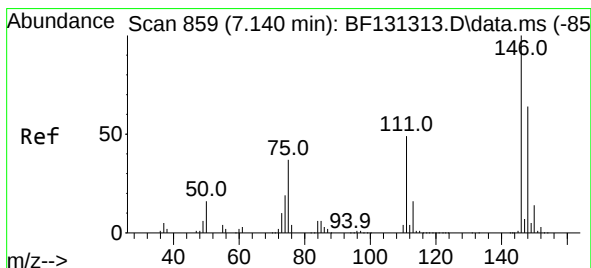
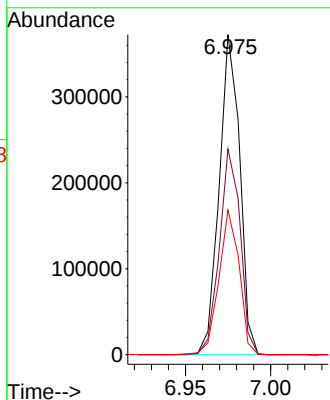
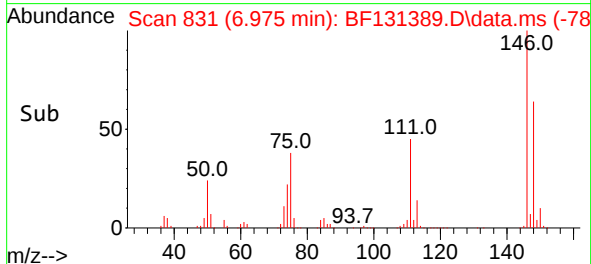
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



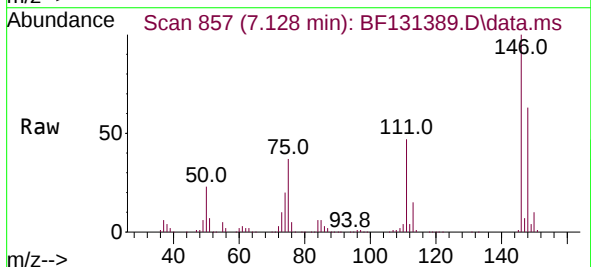
Tgt Ion:146 Resp: 311846
Ion Ratio Lower Upper
146 100
148 64.2 50.2 75.2
111 45.2 35.0 52.6

Manual Integrations
APPROVED

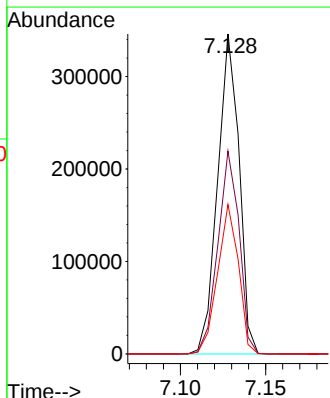
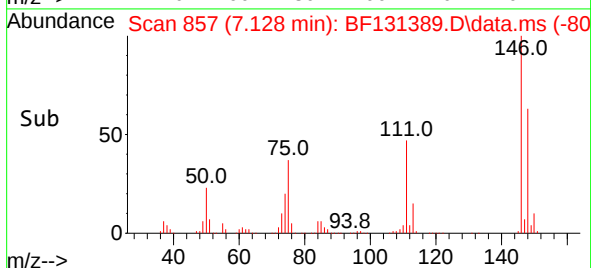
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

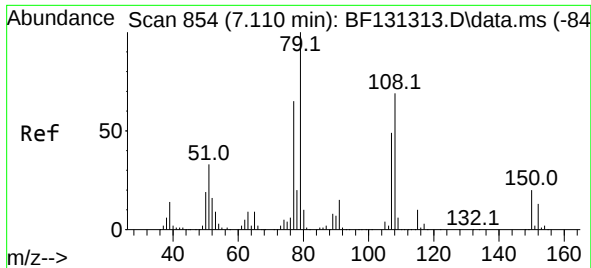


#14
1,2-Dichlorobenzene
Concen: 45.882 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12



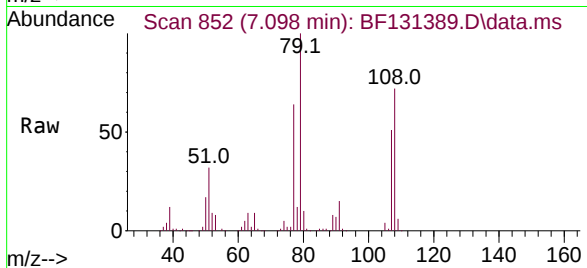
Tgt Ion:146 Resp: 302718
Ion Ratio Lower Upper
146 100
148 63.4 51.4 77.0
111 46.7 39.4 59.0





#15
Benzyl Alcohol
Concen: 50.222 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

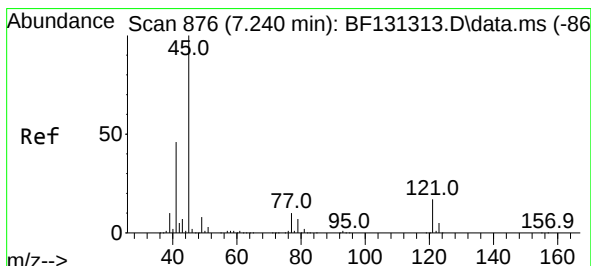
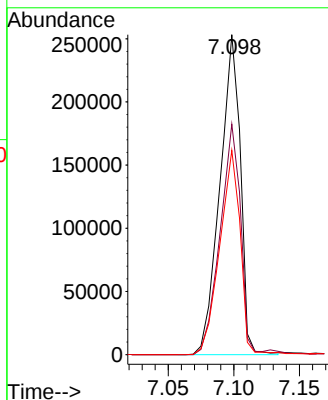
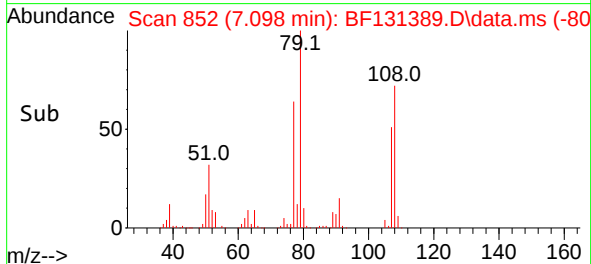
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



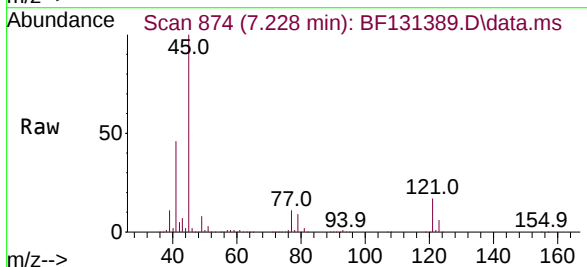
Tgt Ion: 79 Resp: 274404
Ion Ratio Lower Upper
79 100
108 72.0 55.1 82.7
77 63.8 51.8 77.8

Manual Integrations
APPROVED

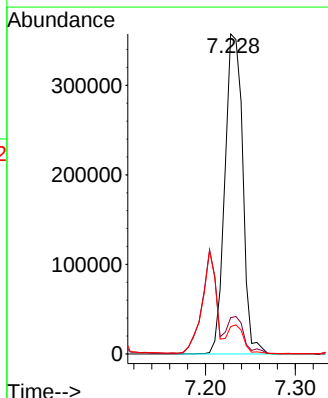
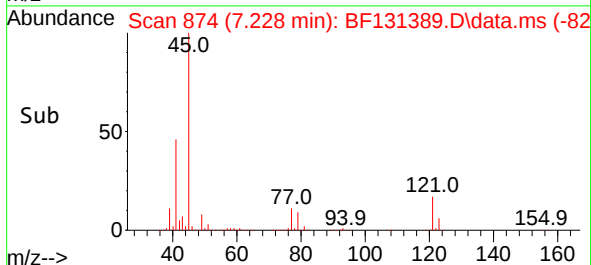
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

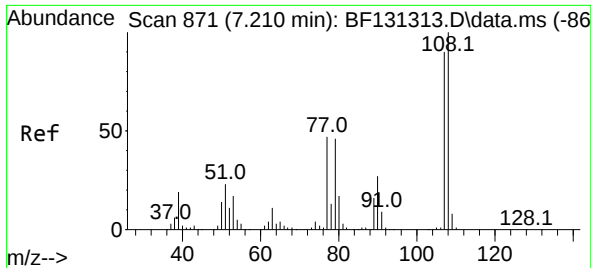


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.802 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12



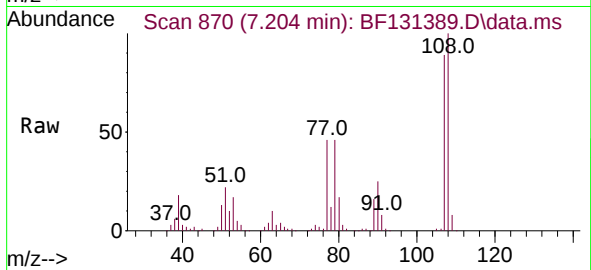
Tgt Ion: 45 Resp: 494867
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.2
79 8.5 0.0 28.4





#17
2-Methylphenol
Concen: 48.041 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

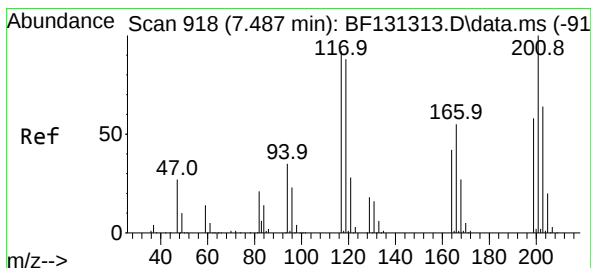
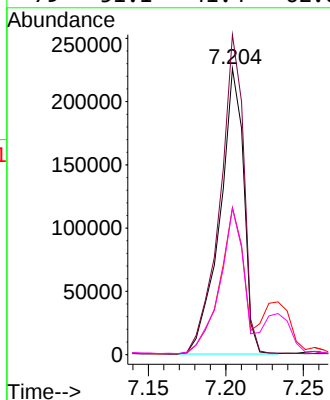
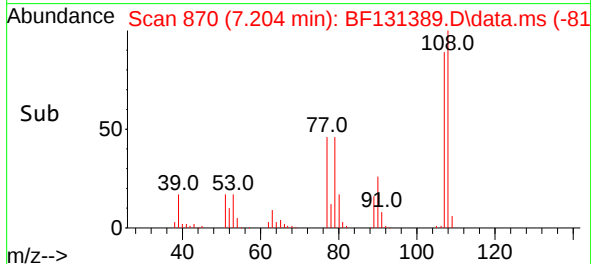
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



Tgt Ion:107 Resp: 24227
Ion Ratio Lower Upper
107 100
108 111.9 89.0 133.6
77 51.4 42.5 63.7
79 51.1 41.4 62.0

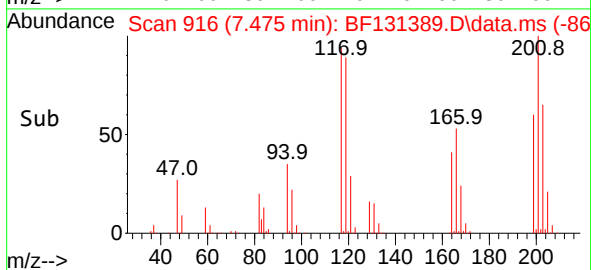
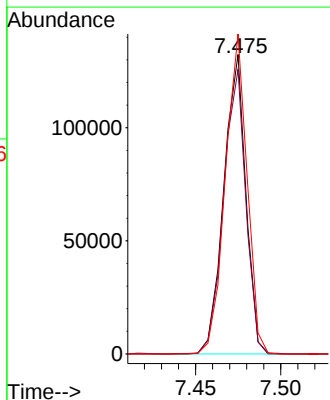
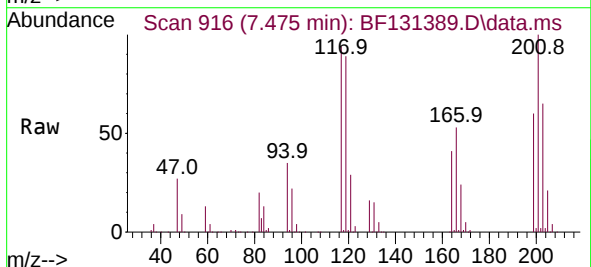
Manual Integrations
APPROVED

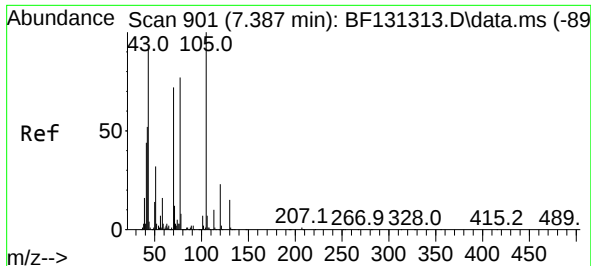
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#18
Hexachloroethane
Concen: 46.317 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

Tgt Ion:117 Resp: 118726
Ion Ratio Lower Upper
117 100
119 95.0 76.6 115.0
201 106.9 87.0 130.6





#19

n-Nitroso-di-n-propylamine

Concen: 43.850 ng

RT: 7.375 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF131389.D

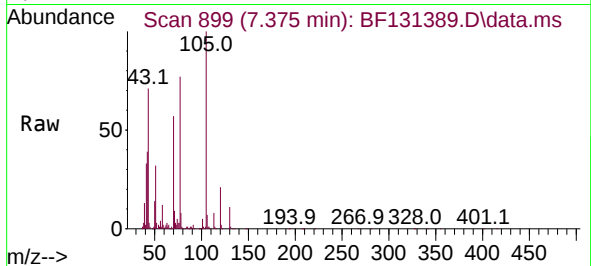
Acq: 25 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB149242BSD



Tgt Ion: 70 Resp: 21390

Ion Ratio Lower Upper

70 100

42 69.0 57.6 86.4

101 9.2 8.2 12.2

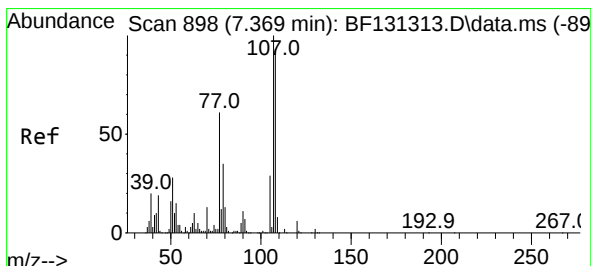
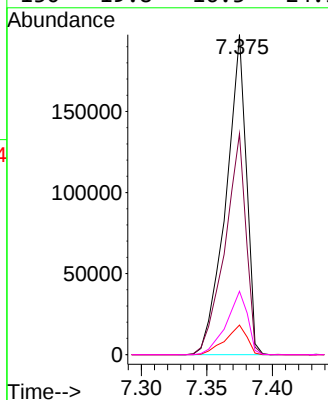
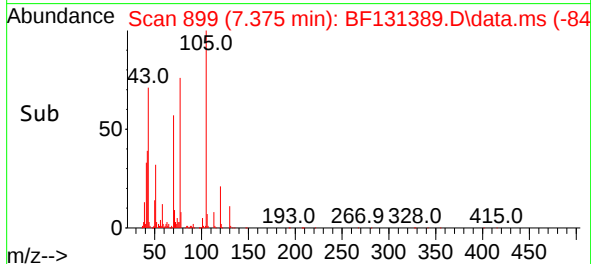
130 19.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022

Supervised By :mohammad ahmed 12/02/2022



#20

3+4-Methylphenols

Concen: 46.735 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Tgt Ion:107 Resp: 300935

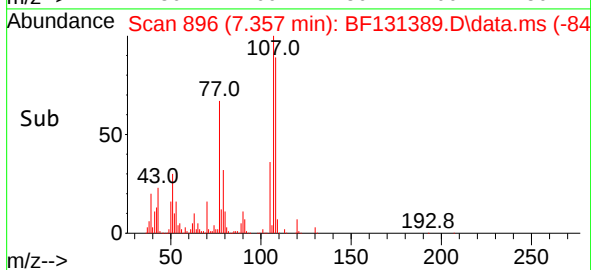
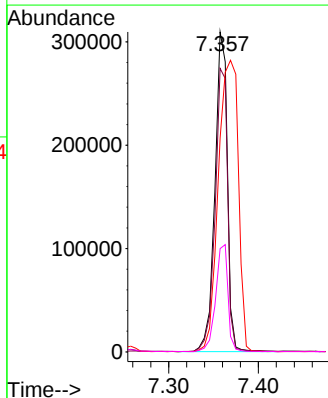
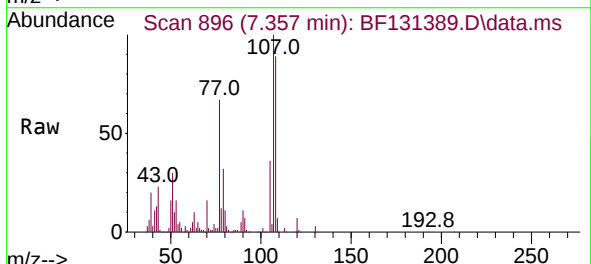
Ion Ratio Lower Upper

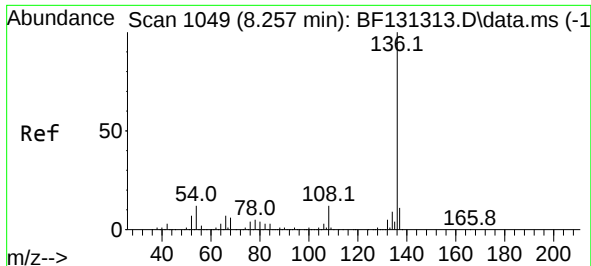
107 100

108 88.6 72.6 112.6

77 66.8 41.4 81.4

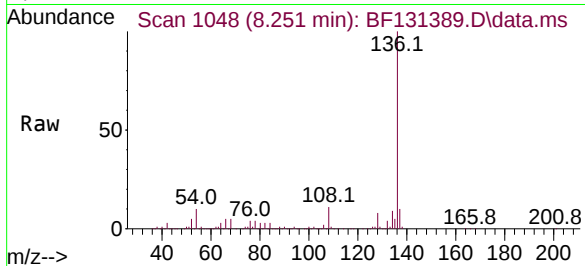
79 32.3 15.1 55.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

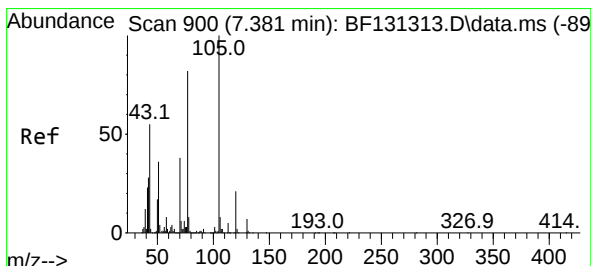
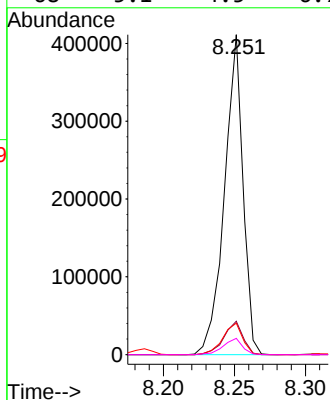
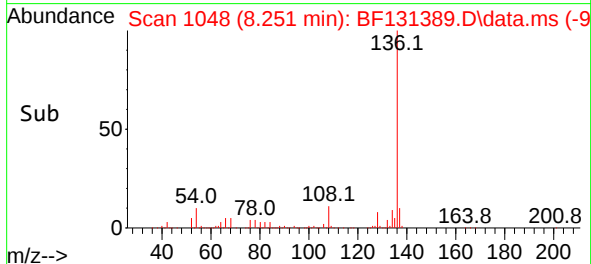
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



Tgt Ion:136 Resp: 372263
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 9.8 9.4 14.0
68 5.1 4.5 6.7

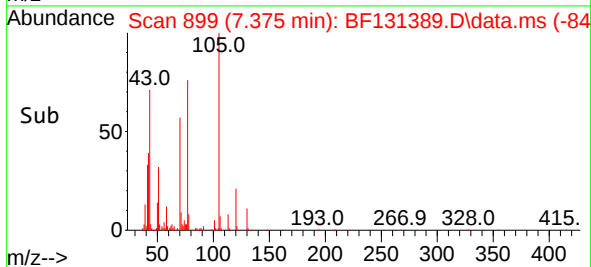
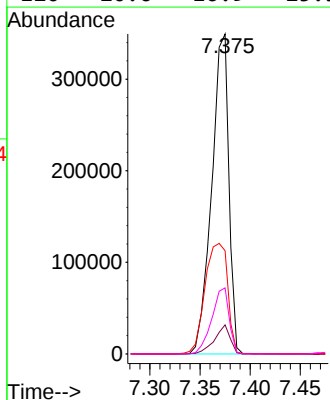
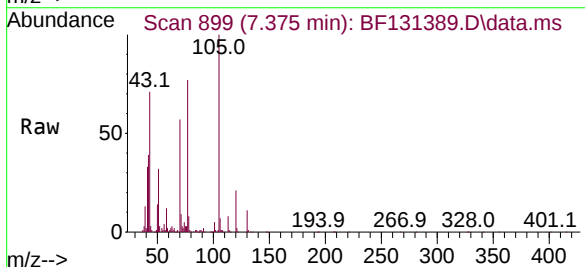
Manual Integrations
APPROVED

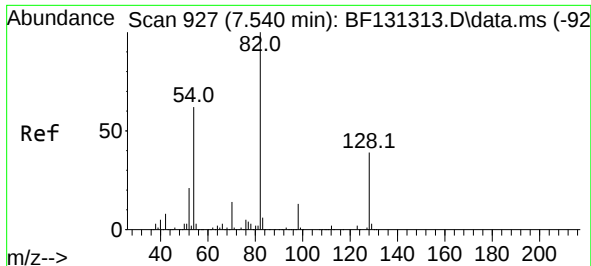
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#22
Acetophenone
Concen: 43.937 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

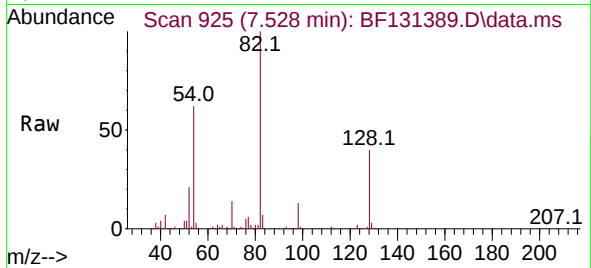
Tgt Ion:105 Resp: 416328
Ion Ratio Lower Upper
105 100
71 9.1 4.9 7.3#
51 32.2 29.0 43.4
120 20.6 16.9 25.3





#23
Nitrobenzene-d5
Concen: 84.466 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

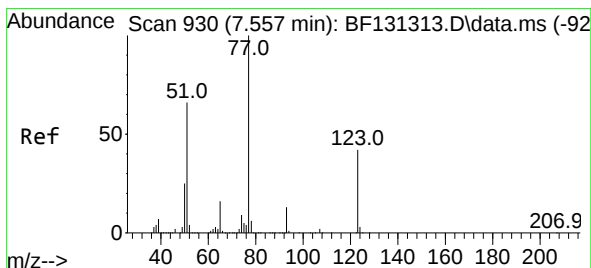
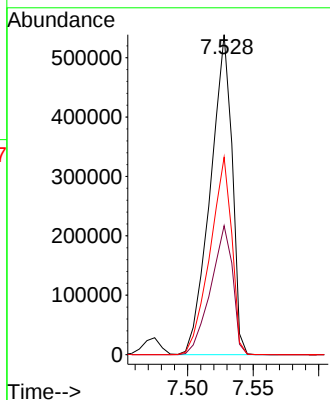
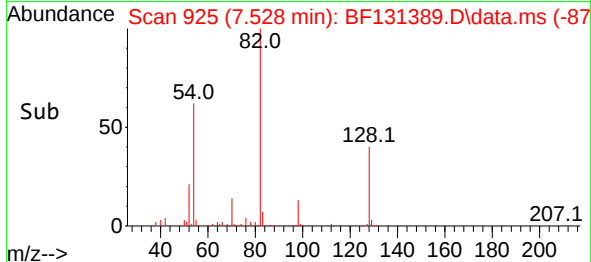
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



Tgt Ion: 82 Resp: 623769
Ion Ratio Lower Upper
82 100
128 40.3 31.4 47.0
54 61.7 49.8 74.6

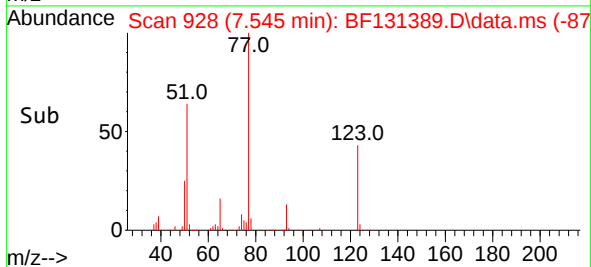
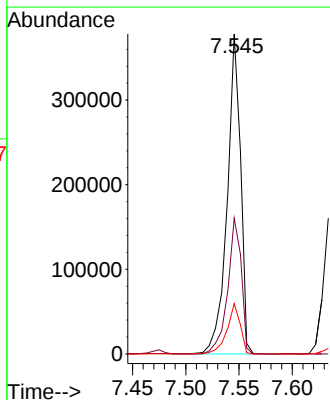
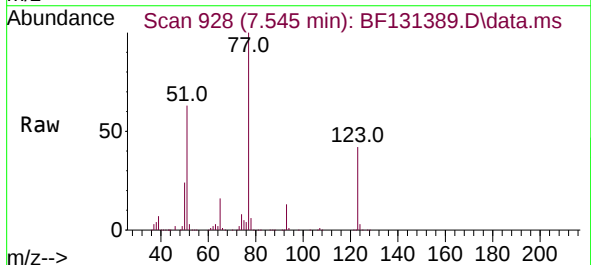
Manual Integrations
APPROVED

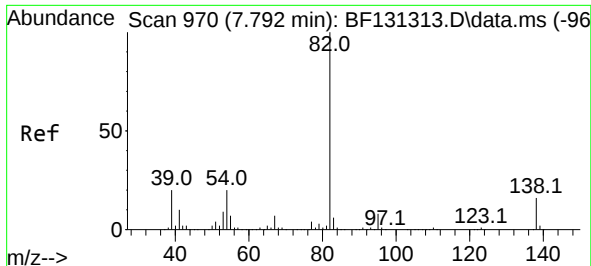
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#24
Nitrobenzene
Concen: 43.088 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

Tgt Ion: 77 Resp: 331525
Ion Ratio Lower Upper
77 100
123 42.4 33.3 49.9
65 15.8 12.7 19.1





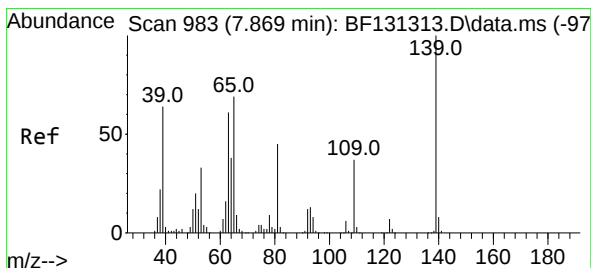
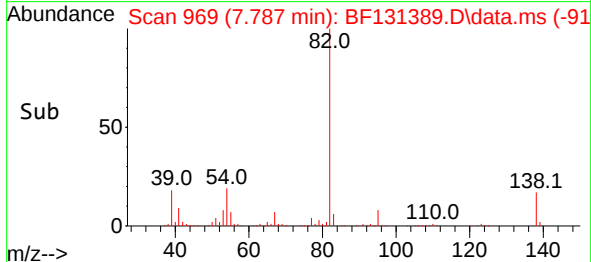
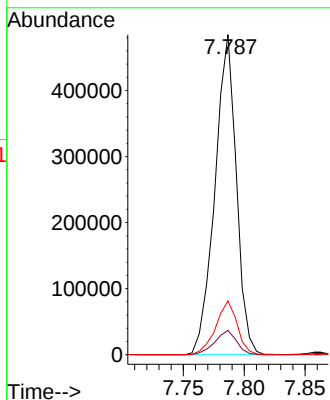
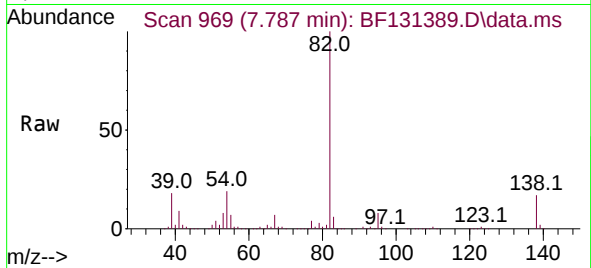
#25
Isophorone
Concen: 45.003 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB149242BSD

Tgt Ion: 82 Resp: 592932
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 16.8 12.7 19.1

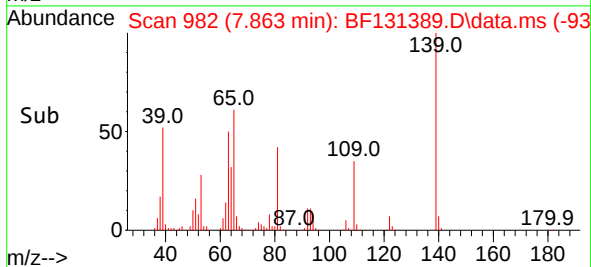
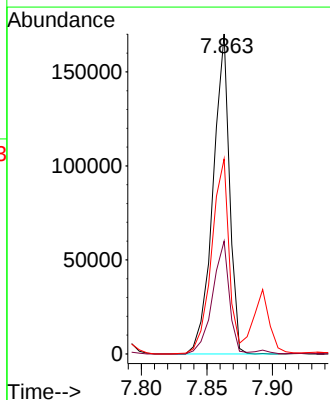
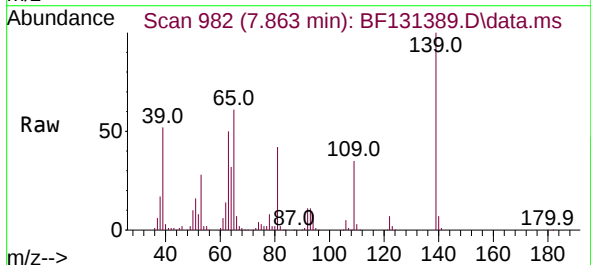
Manual Integrations
APPROVED

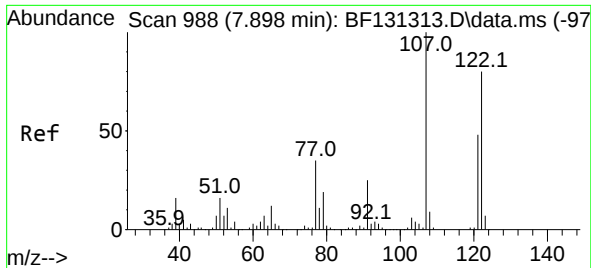
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#26
2-Nitrophenol
Concen: 57.752 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

Tgt Ion:139 Resp: 148854
Ion Ratio Lower Upper
139 100
109 35.2 29.9 44.9
65 60.9 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 51.984 ng

RT: 7.893 min Scan# 988

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

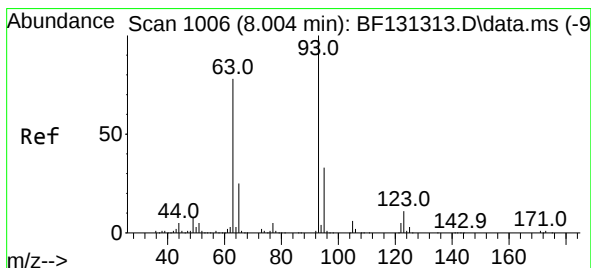
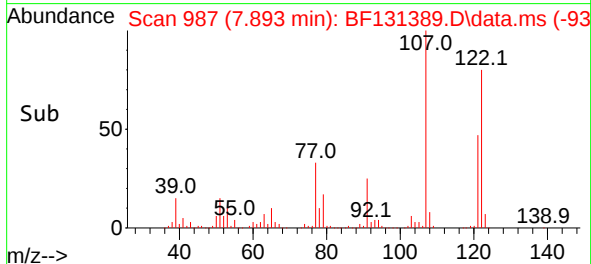
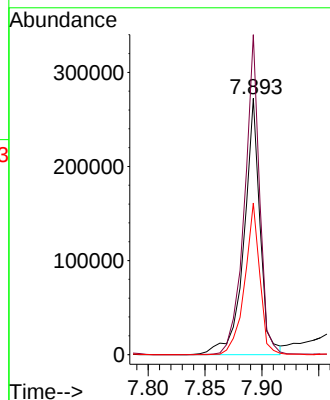
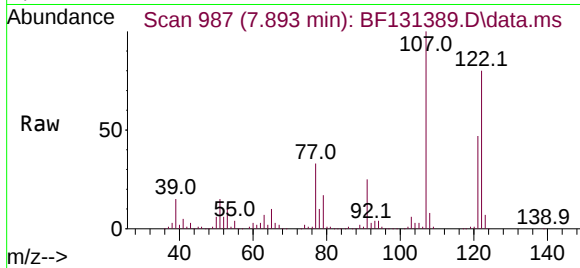
PB149242BSD

Tgt Ion:122 Resp: 265518
 Ion Ratio Lower Upper
 122 100
 107 124.9 99.9 149.9
 121 59.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.758 ng

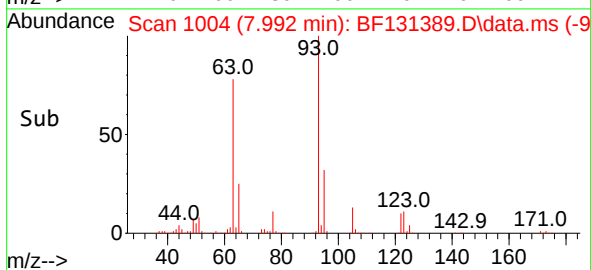
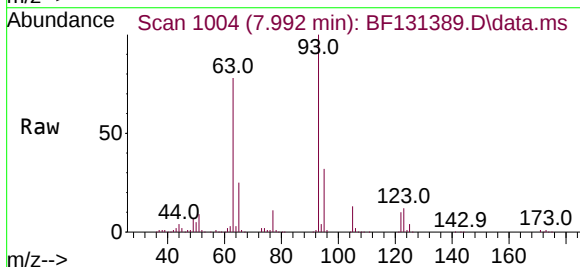
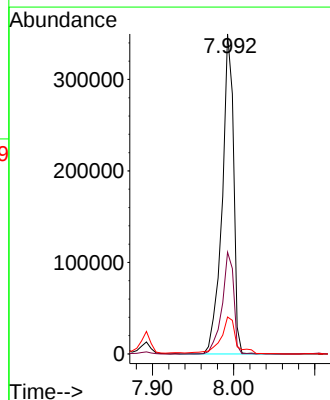
RT: 7.992 min Scan# 1004

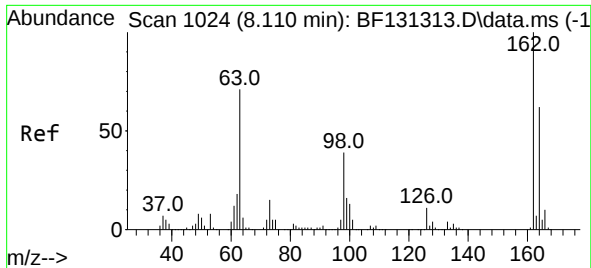
Delta R.T. -0.006 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Tgt Ion: 93 Resp: 342419
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.4 39.6
 123 11.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 46.426 ng

RT: 8.104 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

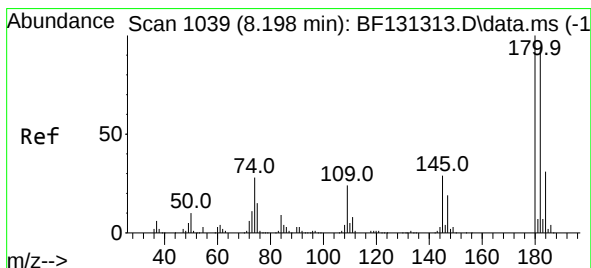
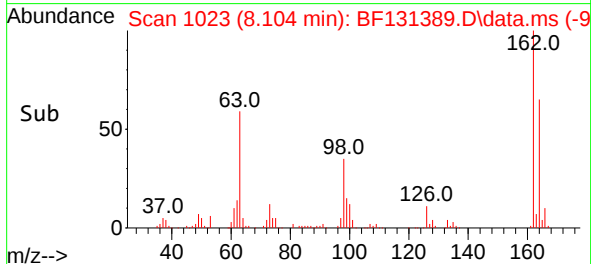
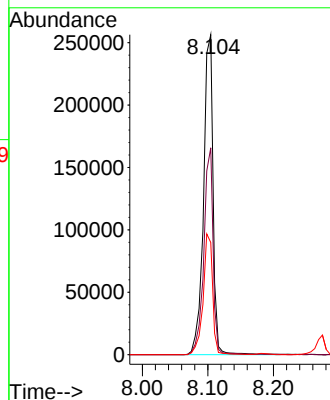
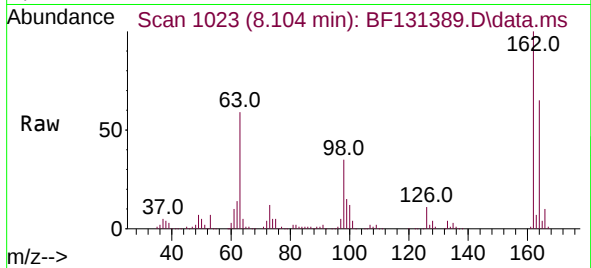
PB149242BSD

Tgt Ion:162 Resp: 257214
 Ion Ratio Lower Upper
 162 100
 164 64.6 42.2 82.2
 98 35.0 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.662 ng

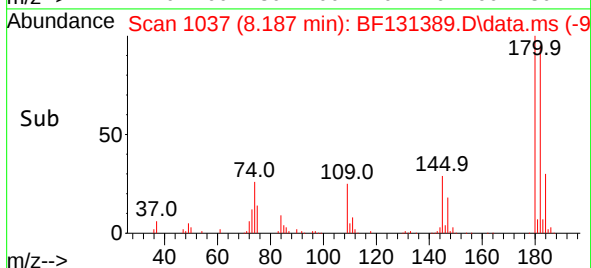
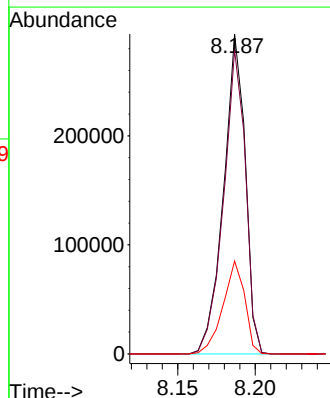
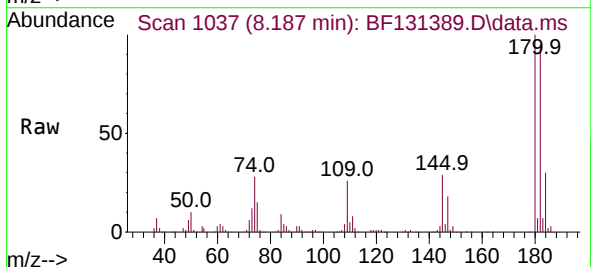
RT: 8.187 min Scan# 1037

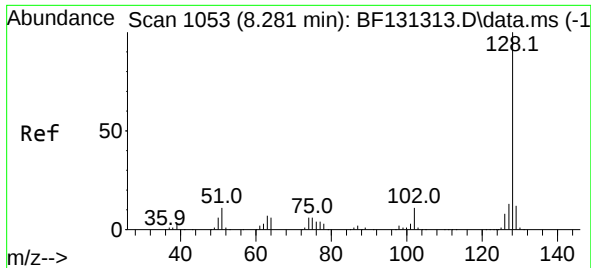
Delta R.T. -0.006 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

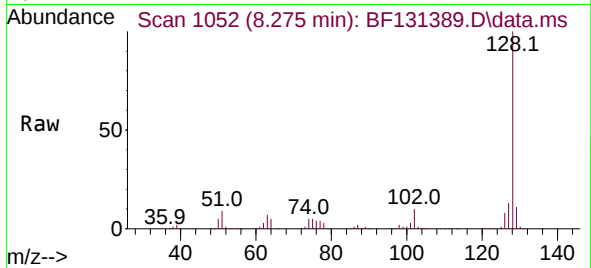
Tgt Ion:180 Resp: 285942
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.3 112.9
 145 29.1 23.4 35.0





#31
Naphthalene
Concen: 41.466 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

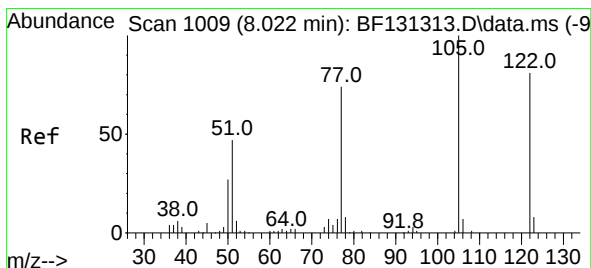
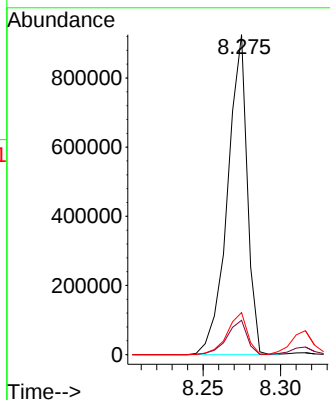
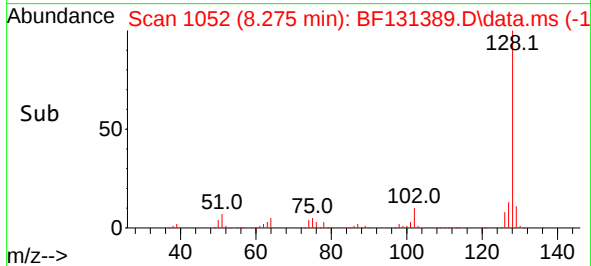
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



Tgt Ion:128 Resp: 822588
Ion Ratio Lower Upper
128 100
129 10.7 9.2 13.8
127 13.1 10.6 16.0

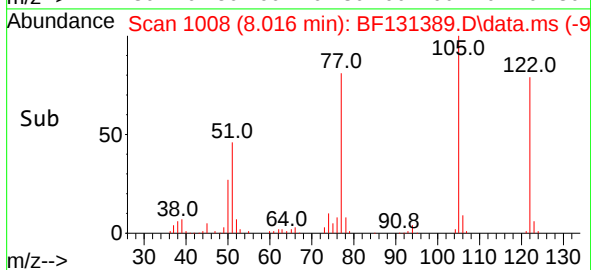
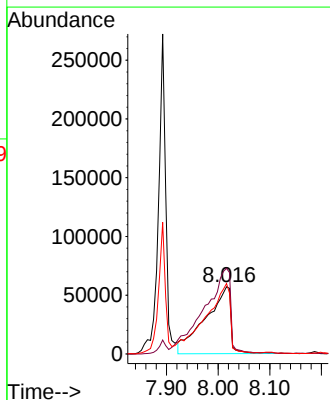
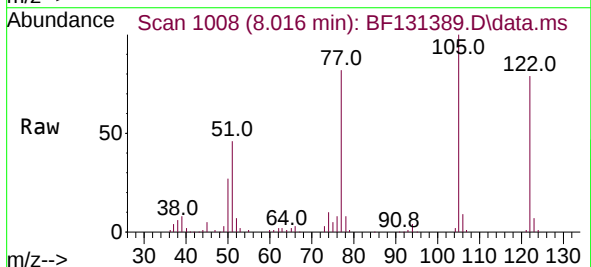
Manual Integrations
APPROVED

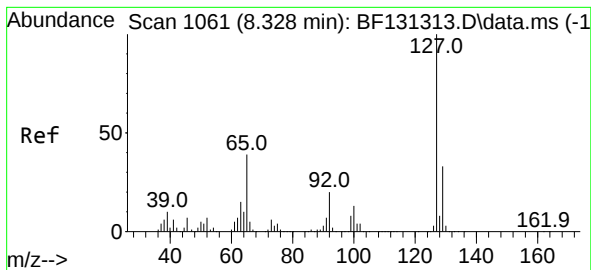
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#32
Benzoic acid
Concen: 57.003 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

Tgt Ion:122 Resp: 194695
Ion Ratio Lower Upper
122 100
105 127.3 103.8 143.8
77 104.7 74.3 114.3





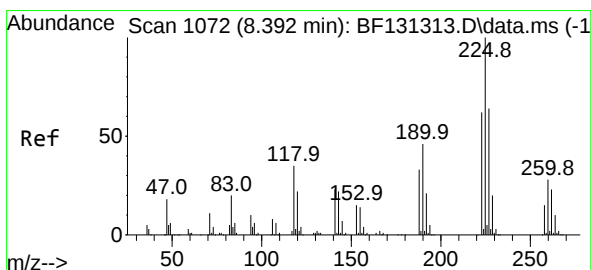
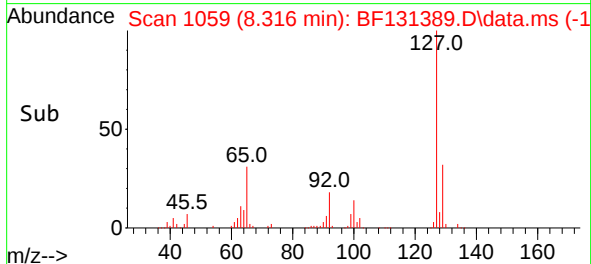
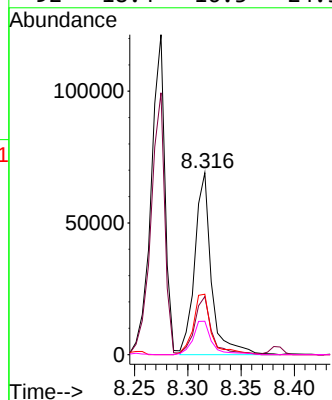
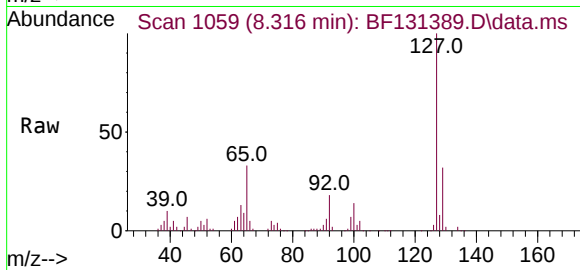
#33
4-Chloroaniline
Concen: 9.591 ng
RT: 8.316 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB149242BSD

Tgt Ion:	127	Resp:	75059
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.4	39.6
65	33.2	31.0	46.6
92	18.4	16.3	24.5

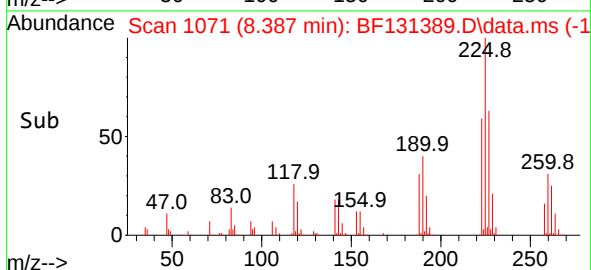
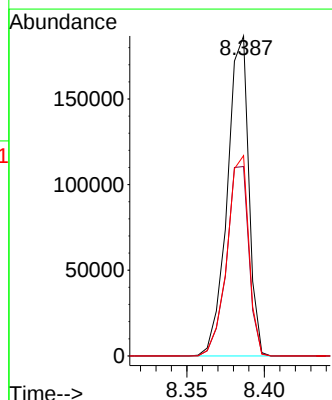
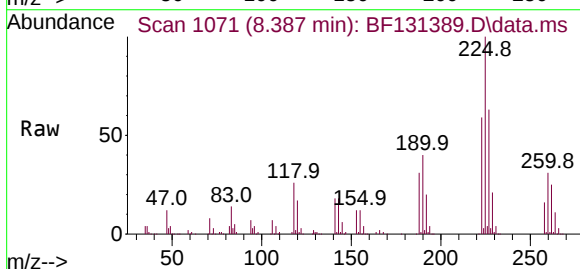
Manual Integrations
APPROVED

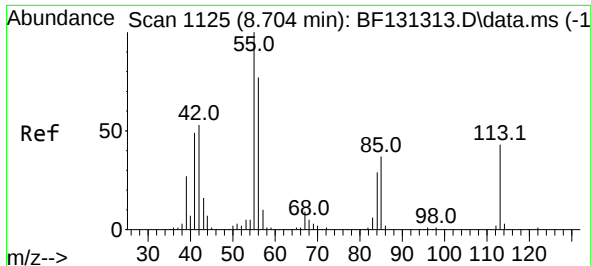
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#34
Hexachlorobutadiene
Concen: 40.460 ng
RT: 8.387 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

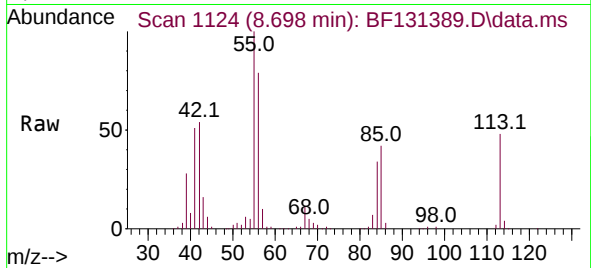
Tgt Ion:	225	Resp:	179814
Ion Ratio	Lower	Upper	
225	100		
223	59.2	49.4	74.0
227	62.6	51.1	76.7





#35
 Caprolactam
 Concen: 55.553 ng m
 RT: 8.698 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF131389.D
 Acq: 25 Nov 2022 11:12

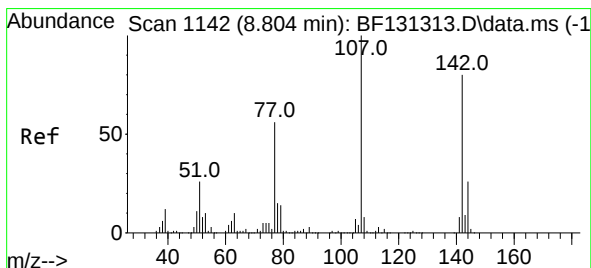
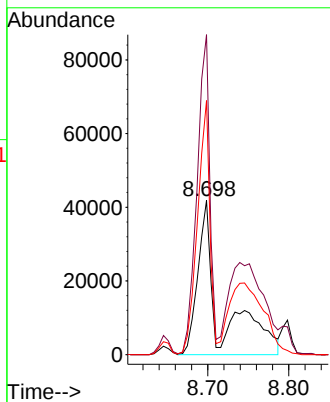
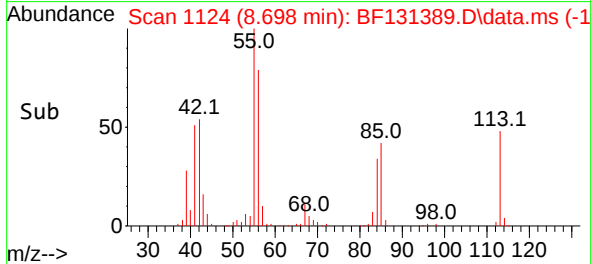
Instrument :
 BNA_F
 ClientSampleId :
 PB149242BSD



Tgt Ion:113 Resp: 80878
 Ion Ratio Lower Upper
 113 100
 55 207.6 214.5 254.5
 56 164.8 159.4 199.4

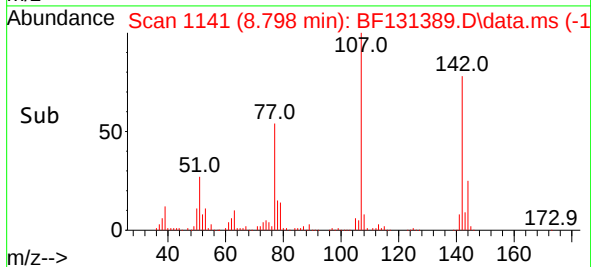
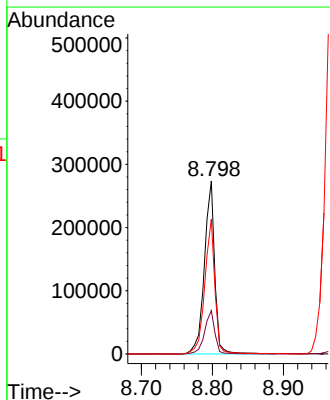
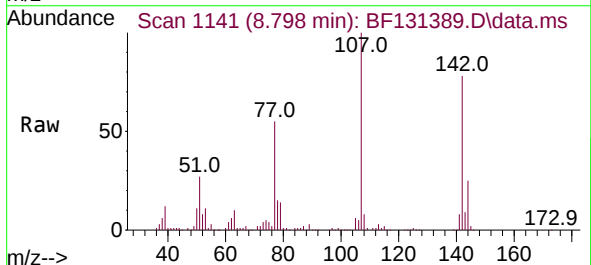
Manual Integrations
 APPROVED

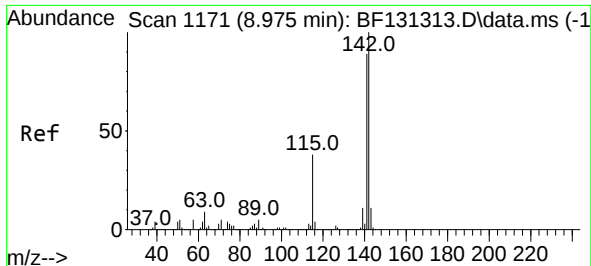
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022



#36
 4-Chloro-3-methylphenol
 Concen: 47.697 ng
 RT: 8.798 min Scan# 1141
 Delta R.T. 0.006 min
 Lab File: BF131389.D
 Acq: 25 Nov 2022 11:12

Tgt Ion:107 Resp: 274543
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.9 31.3
 142 77.9 63.9 95.9





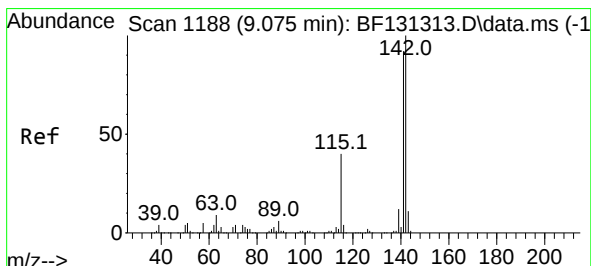
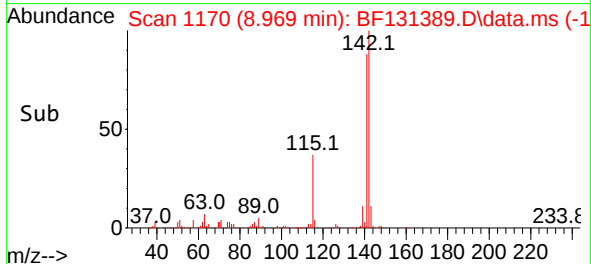
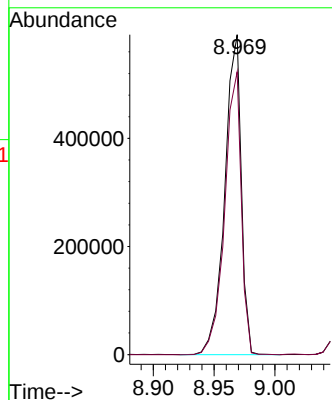
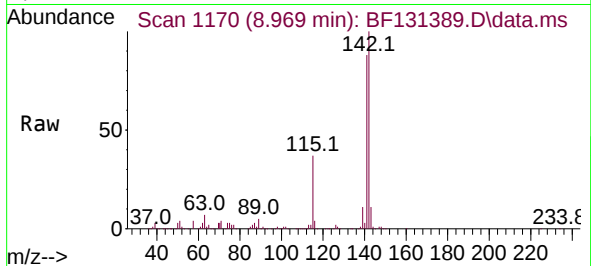
#37
2-Methylnaphthalene
Concen: 41.341 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB149242BSD

Tgt Ion:142 Resp: 555674
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4

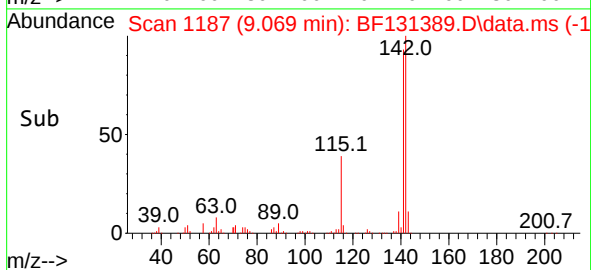
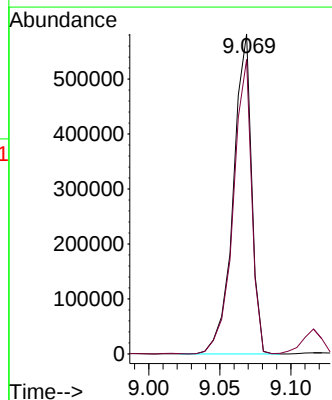
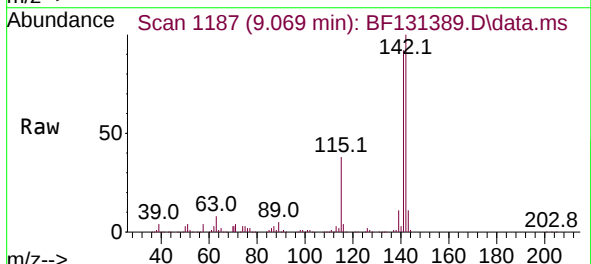
Manual Integrations
APPROVED

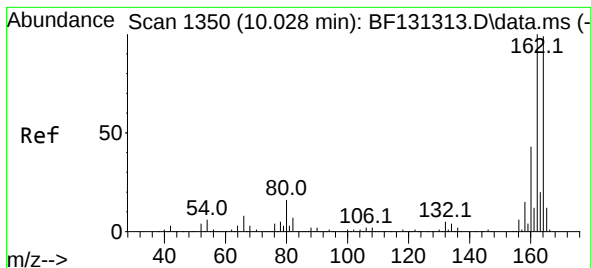
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#38
1-Methylnaphthalene
Concen: 40.086 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

Tgt Ion:142 Resp: 522477
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.016 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB149242BSD

Tgt Ion:164 Resp: 212236

Ion Ratio Lower Upper

164 100

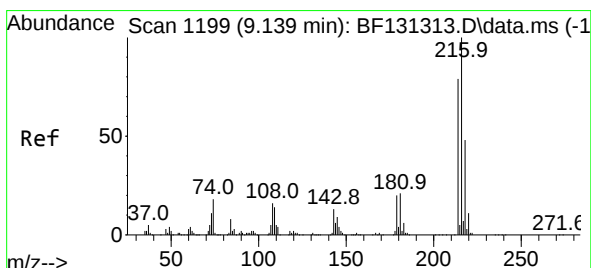
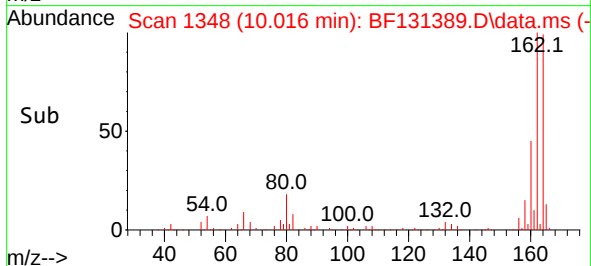
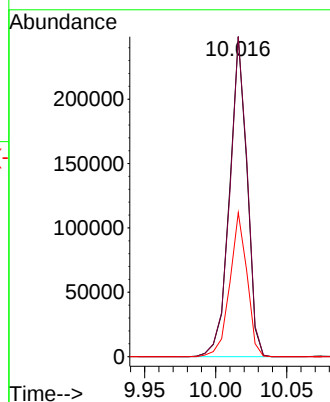
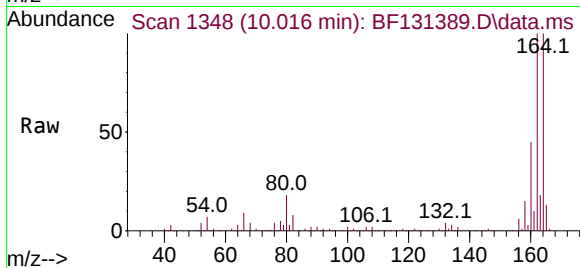
162 100.0 80.6 120.8

160 45.0 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.914 ng

RT: 9.134 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Tgt Ion:216 Resp: 288678

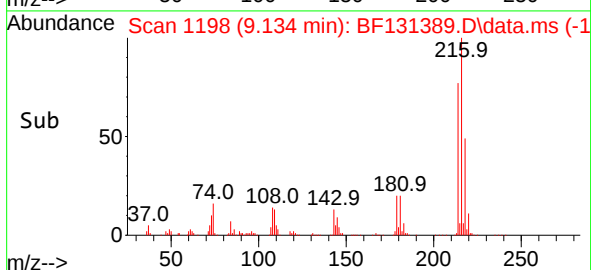
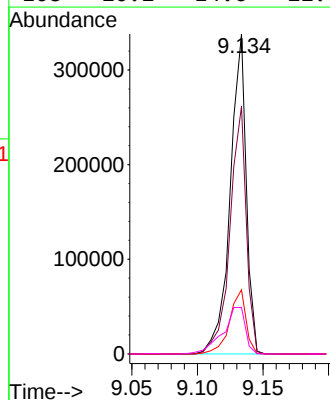
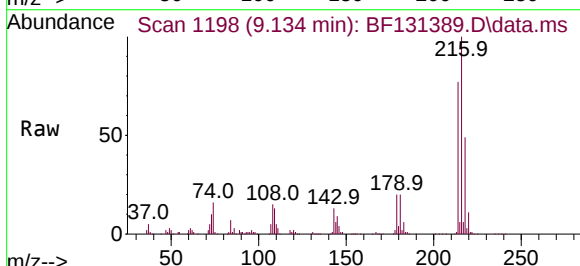
Ion Ratio Lower Upper

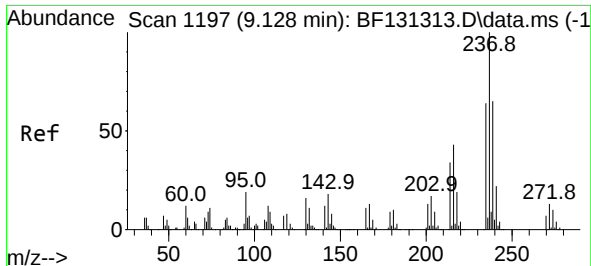
216 100

214 78.2 63.1 94.7

179 20.6 16.2 24.4

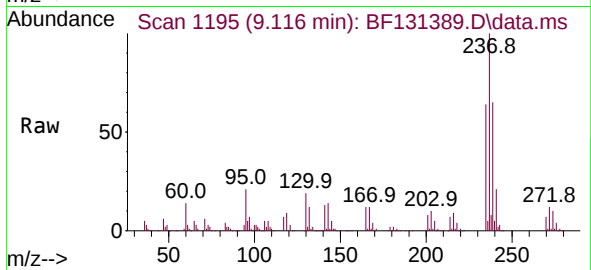
108 20.2 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 116.471 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

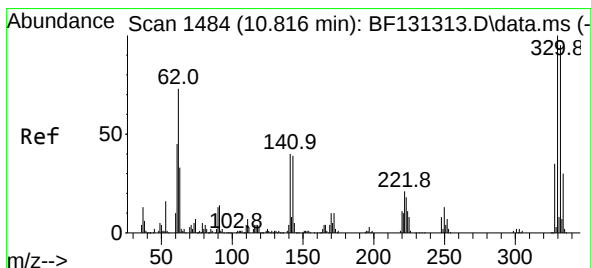
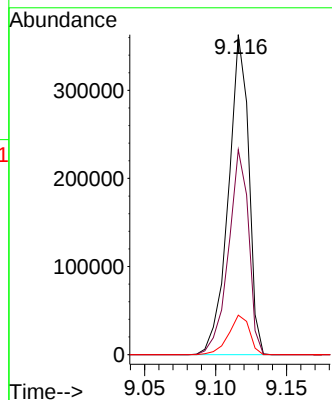
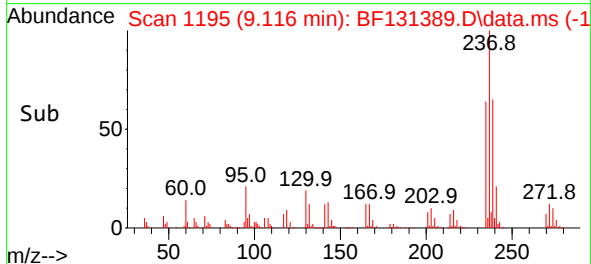
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



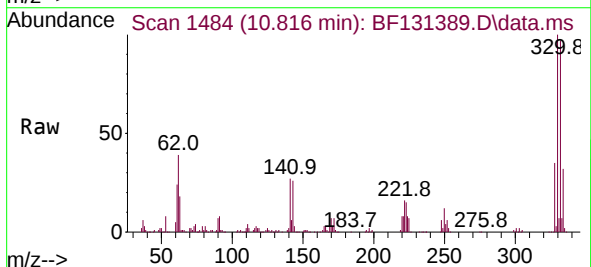
Tgt Ion: 237 Resp: 360612
Ion Ratio Lower Upper
237 100
235 64.0 44.2 84.2
272 12.3 0.0 33.4

Manual Integrations
APPROVED

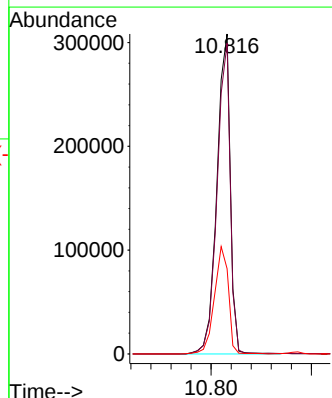
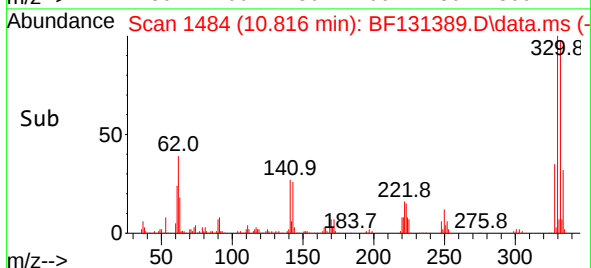
Reviewed By : Christian Giraldo 12/02/2022
Supervised By : mohammad ahmed 12/02/2022

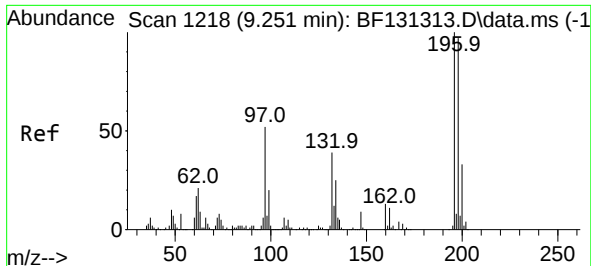


#42
2,4,6-Tribromophenol
Concen: 160.292 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12



Tgt Ion: 330 Resp: 286210
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 34.9 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 49.641 ng

RT: 9.239 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB149242BSD

Tgt Ion:196 Resp: 193950

Ion Ratio Lower Upper

196 100

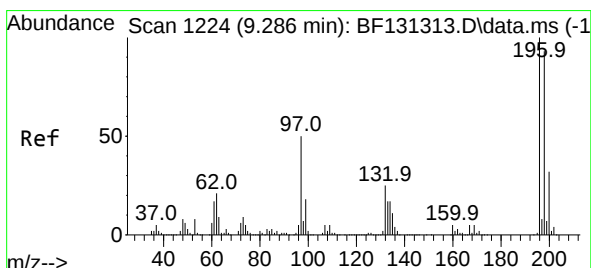
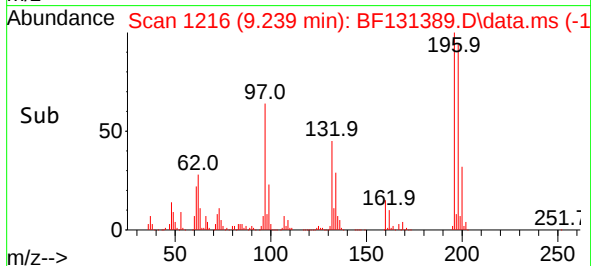
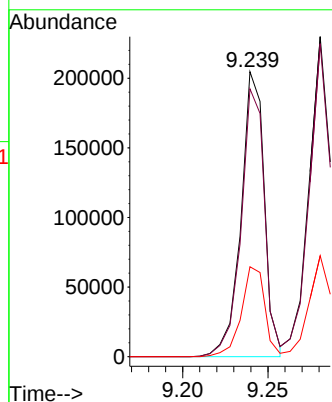
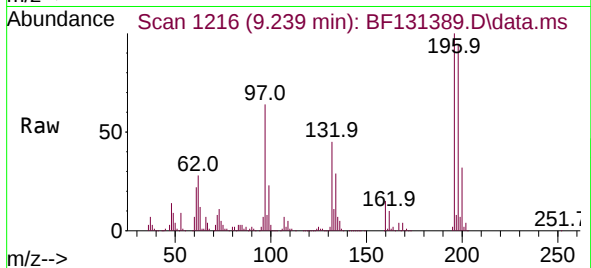
198 94.0 77.4 116.0

200 31.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#44

2,4,5-Trichlorophenol

Concen: 46.432 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Tgt Ion:196 Resp: 203998

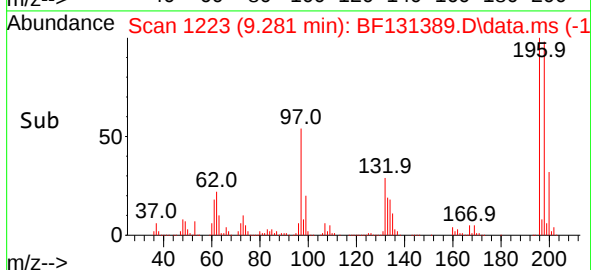
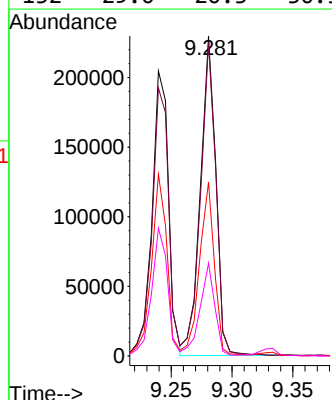
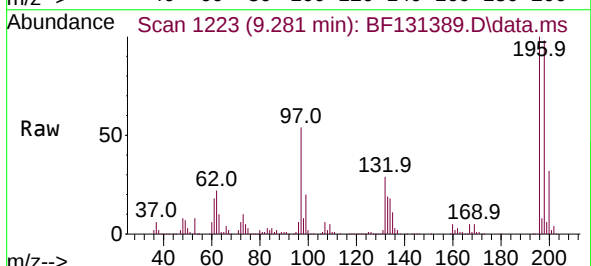
Ion Ratio Lower Upper

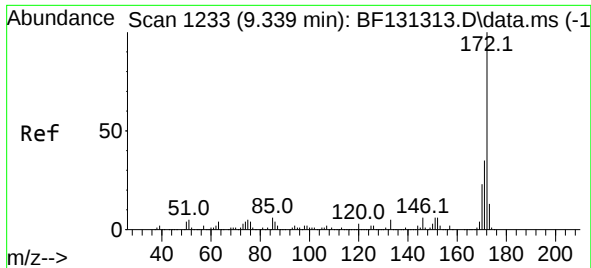
196 100

198 97.8 75.0 112.4

97 54.3 40.3 60.5

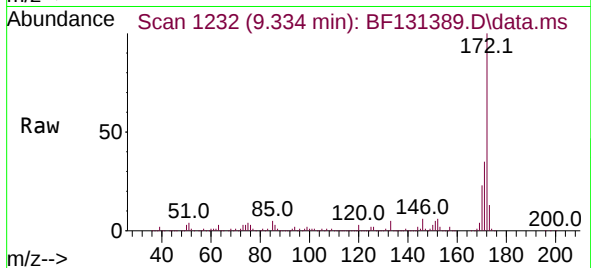
132 29.0 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 78.107 ng
RT: 9.334 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

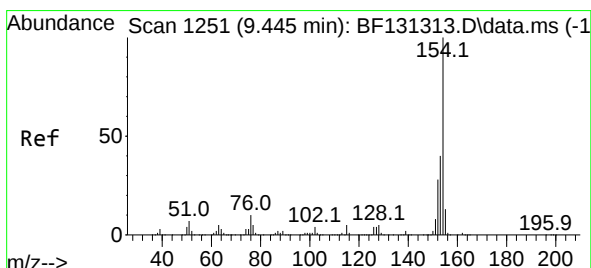
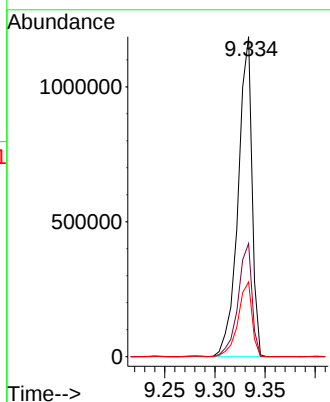
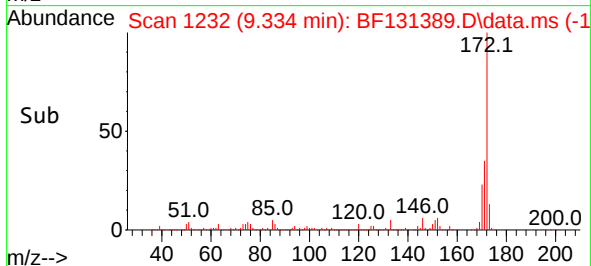
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



Tgt Ion:172 Resp: 1139462
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.3 18.7 28.1

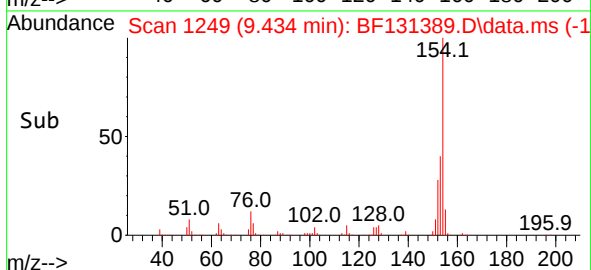
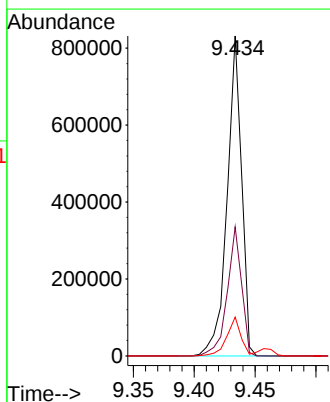
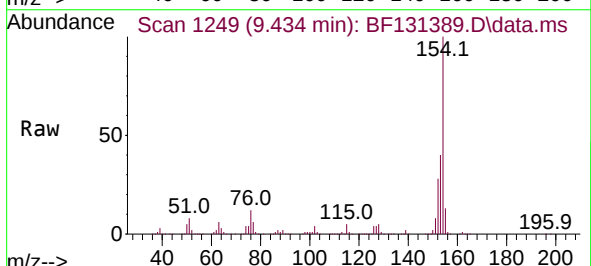
Manual Integrations
APPROVED

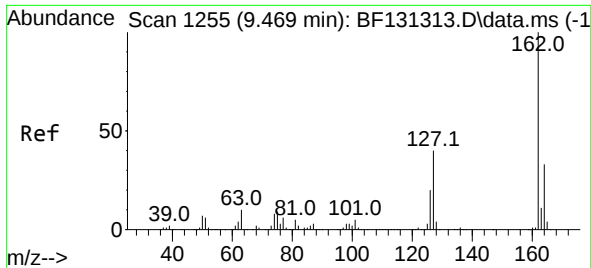
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#46
1,1'-Biphenyl
Concen: 42.612 ng
RT: 9.434 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

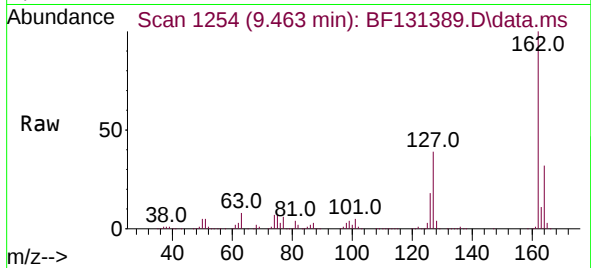
Tgt Ion:154 Resp: 690154
Ion Ratio Lower Upper
154 100
153 40.3 19.8 59.8
76 12.1 0.0 30.2





#47
2-Chloronaphthalene
Concen: 42.433 ng
RT: 9.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

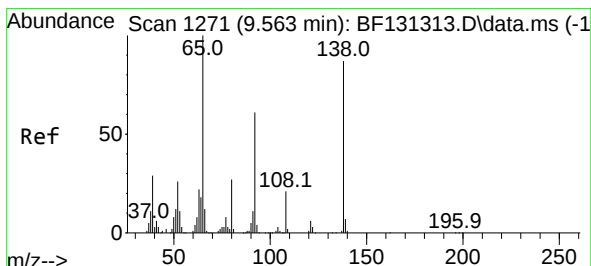
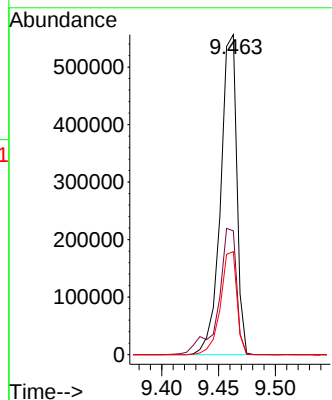
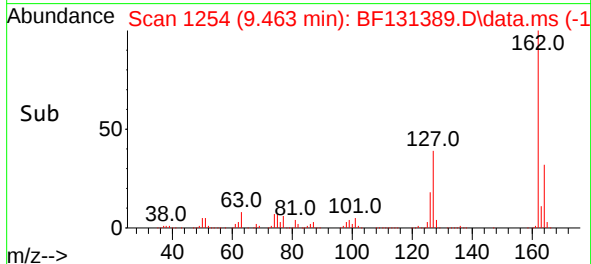
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



Tgt Ion:162 Resp: 551310
Ion Ratio Lower Upper
162 100
127 38.7 32.1 48.1
164 32.2 26.6 39.8

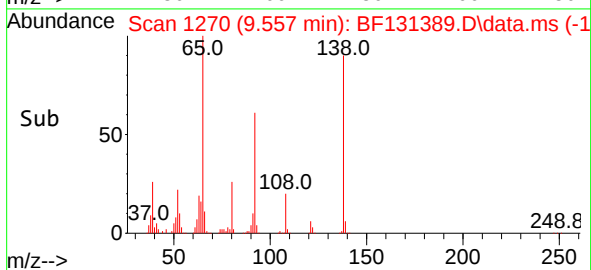
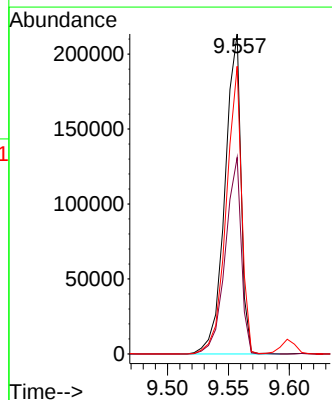
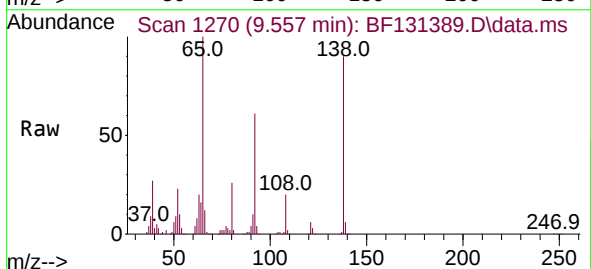
Manual Integrations
APPROVED

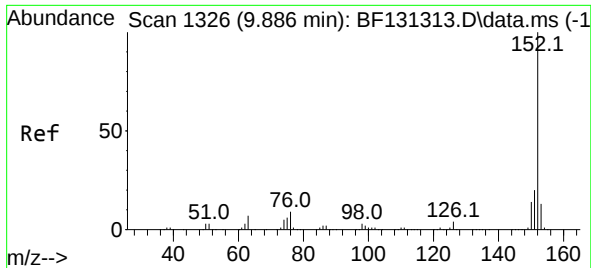
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#48
2-Nitroaniline
Concen: 49.543 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

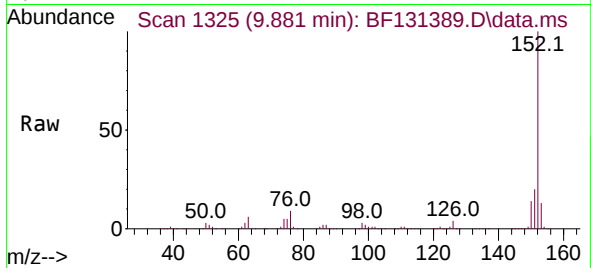
Tgt Ion: 65 Resp: 195441
Ion Ratio Lower Upper
65 100
92 61.4 49.0 73.4
138 89.9 69.4 104.2





#49
Acenaphthylene
Concen: 42.622 ng
RT: 9.881 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

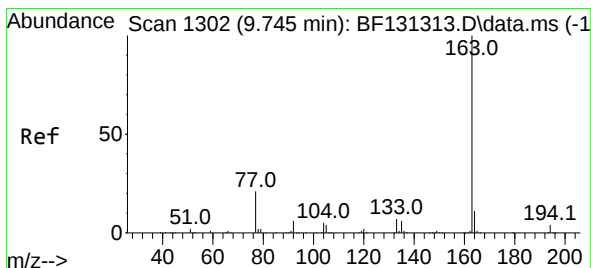
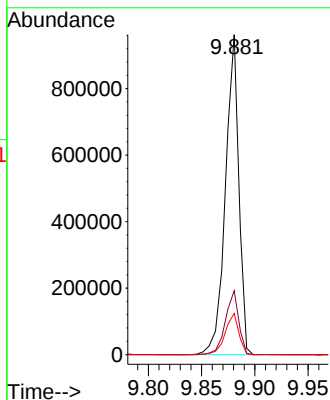
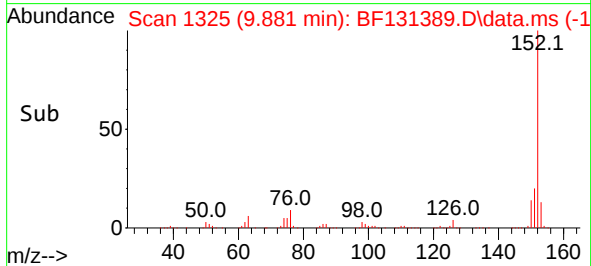
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



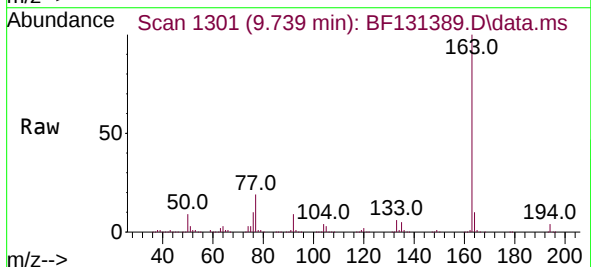
Tgt Ion:152 Resp: 844156
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 12.9 10.6 15.8

Manual Integrations
APPROVED

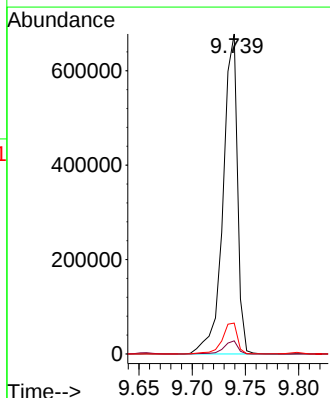
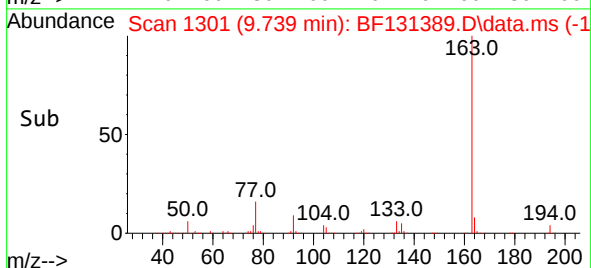
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

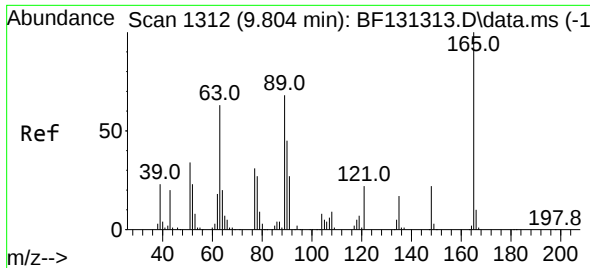


#50
Dimethylphthalate
Concen: 43.241 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12



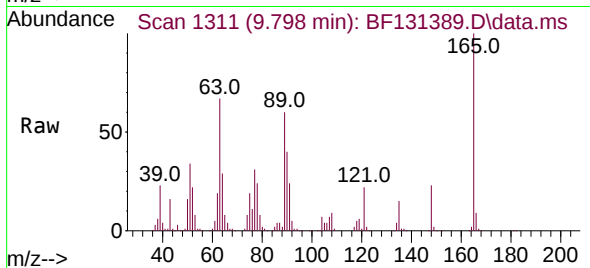
Tgt Ion:163 Resp: 639421
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.7 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 48.338 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

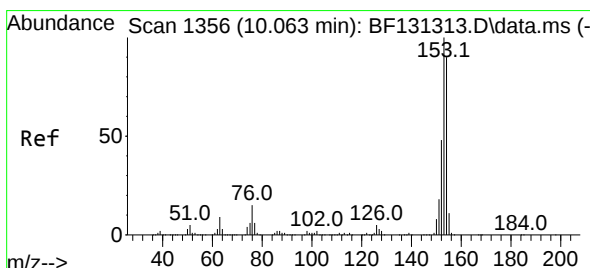
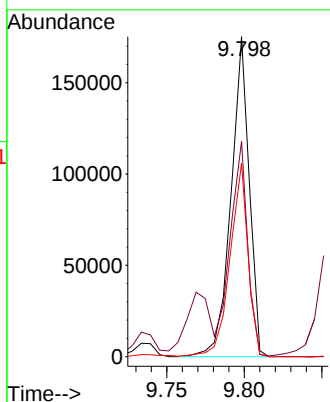
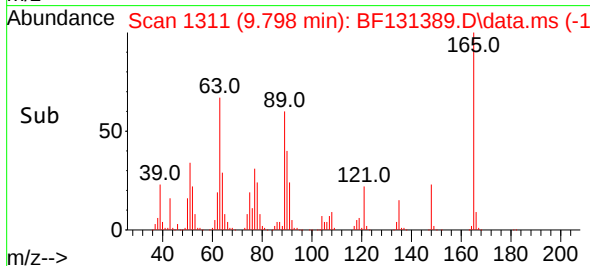
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



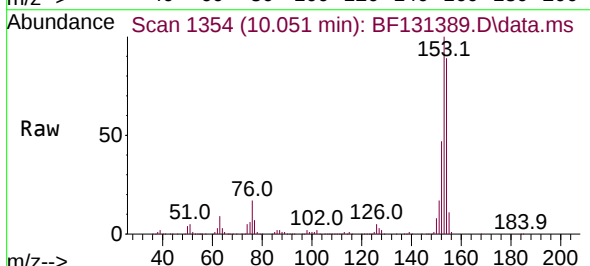
Tgt Ion:165 Resp: 142948
Ion Ratio Lower Upper
165 100
63 67.3 62.0 93.0
89 60.4 54.4 81.6

Manual Integrations
APPROVED

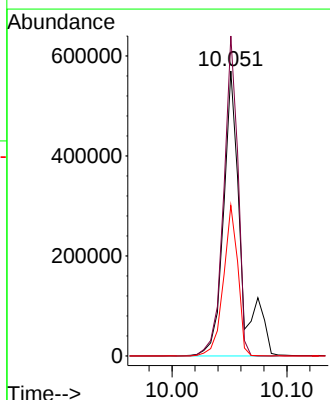
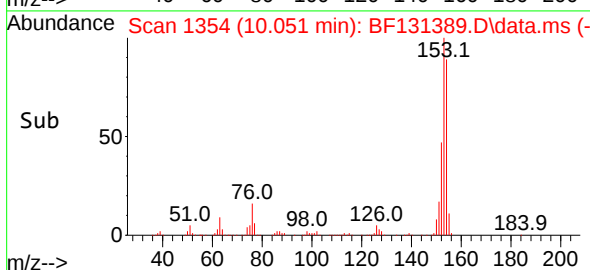
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

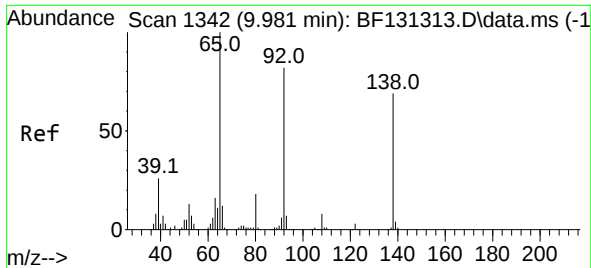


#52
Acenaphthene
Concen: 47.766 ng m
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12



Tgt Ion:154 Resp: 592397
Ion Ratio Lower Upper
154 100
153 112.4 88.4 132.6
152 52.8 42.8 64.2





#53
3-Nitroaniline
Concen: 23.441 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

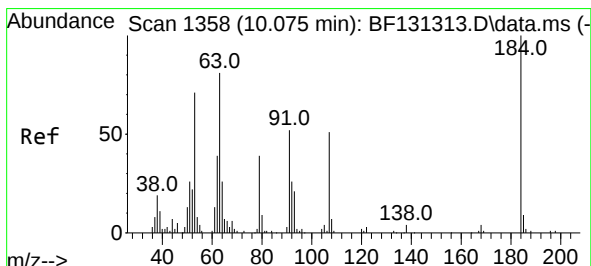
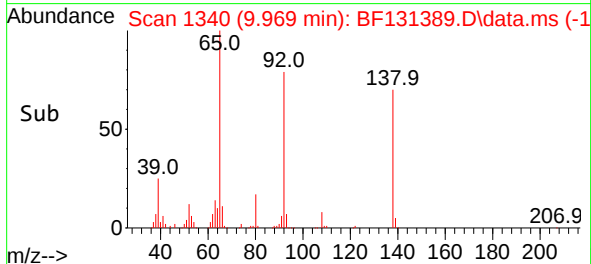
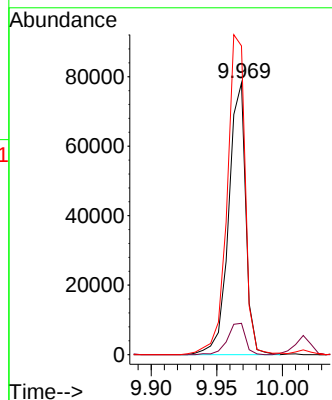
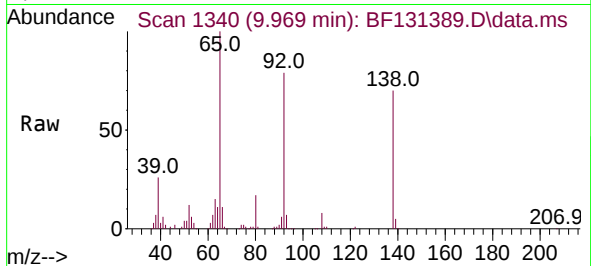
PB149242BSD

Tgt Ion:138 Resp: 71230
Ion Ratio Lower Upper
138 100
108 11.5 8.9 13.3
92 113.7 95.3 142.9

Manual Integrations

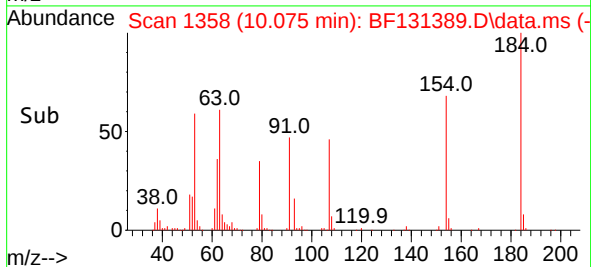
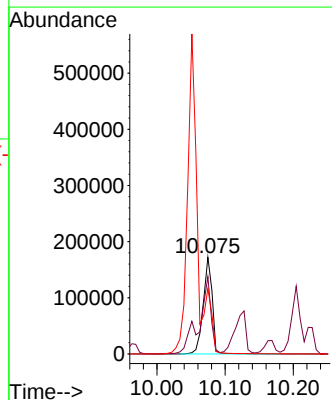
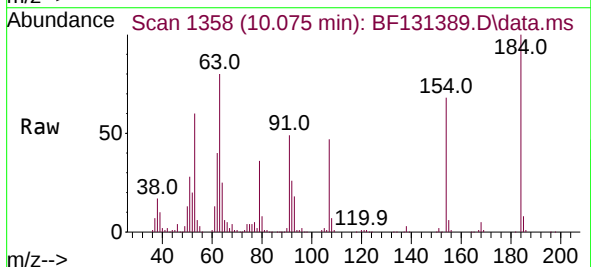
APPROVED

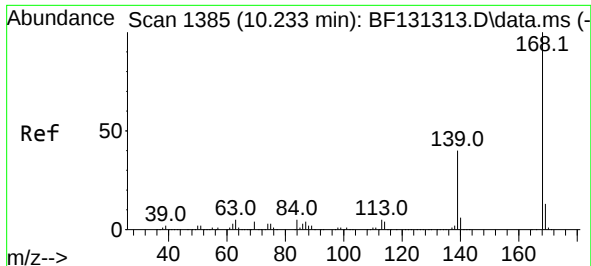
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#54
2,4-Dinitrophenol
Concen: 103.258 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

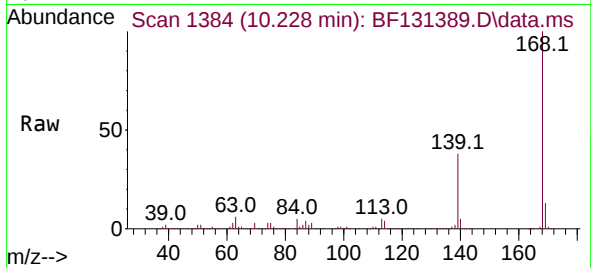
Tgt Ion:184 Resp: 157591
Ion Ratio Lower Upper
184 100
63 79.9 72.1 108.1
154 67.6 56.3 84.5





#55
Dibenzenofuran
Concen: 41.491 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

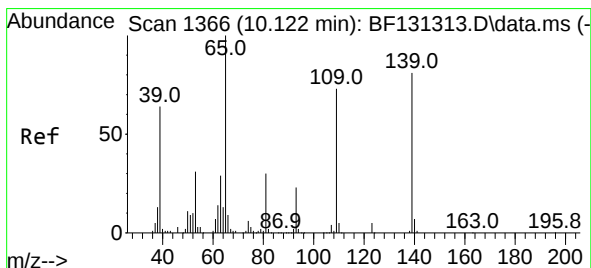
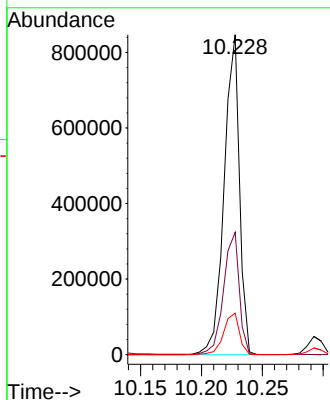
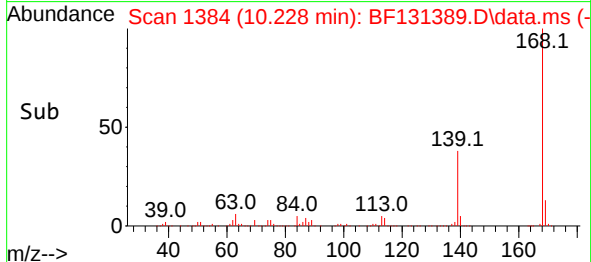
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



Tgt Ion:168 Resp: 740300
Ion Ratio Lower Upper
168 100
139 38.2 31.7 47.5
169 13.0 10.6 15.8

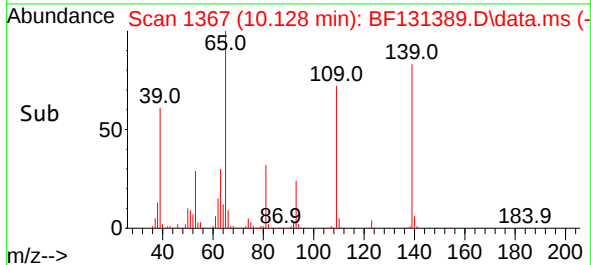
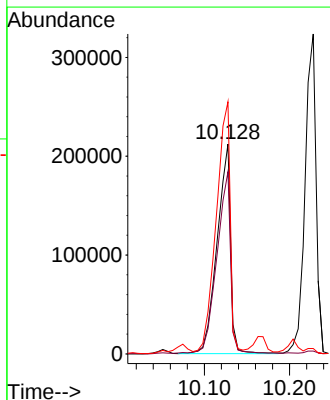
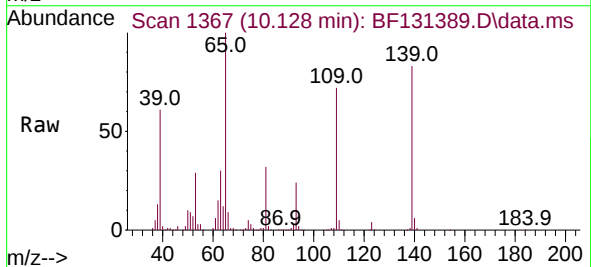
Manual Integrations
APPROVED

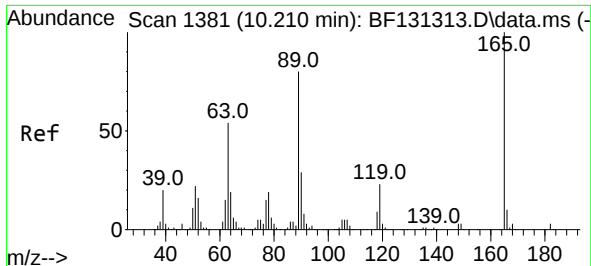
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#56
4-Nitrophenol
Concen: 110.528 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.012 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

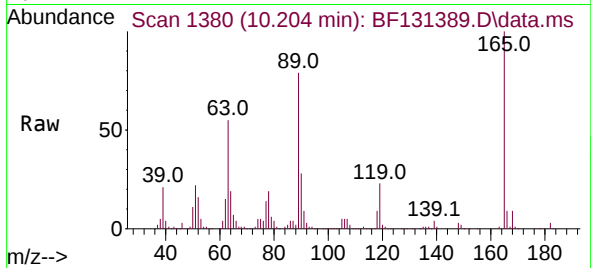
Tgt Ion:139 Resp: 233098
Ion Ratio Lower Upper
139 100
109 86.8 69.6 109.6
65 120.1 103.4 143.4





#57
2,4-Dinitrotoluene
Concen: 52.779 ng
RT: 10.204 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

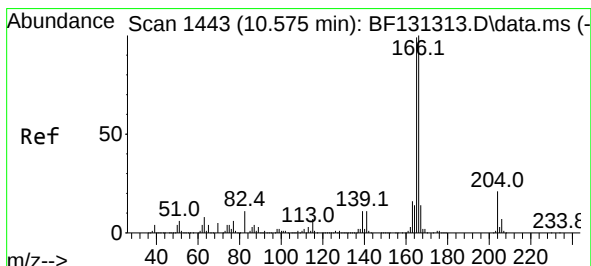
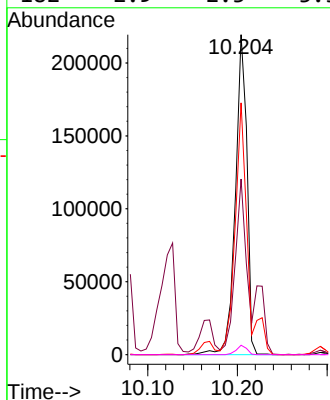
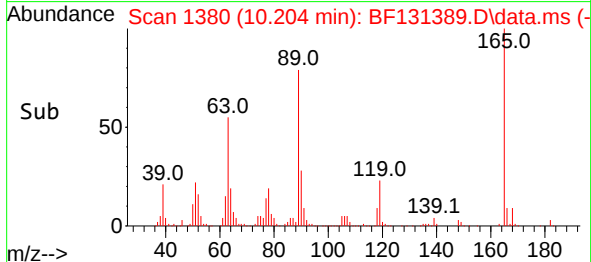
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



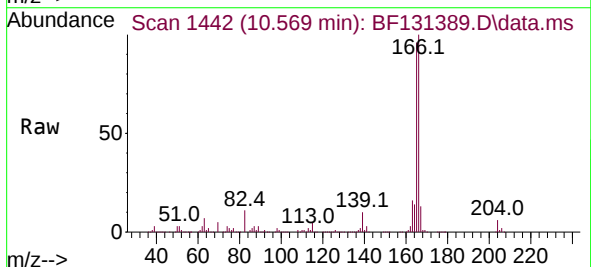
Tgt Ion:165 Resp: 196382
Ion Ratio Lower Upper
165 100
63 54.9 43.4 65.2
89 78.7 64.0 96.0
182 2.9 2.3 3.5

Manual Integrations
APPROVED

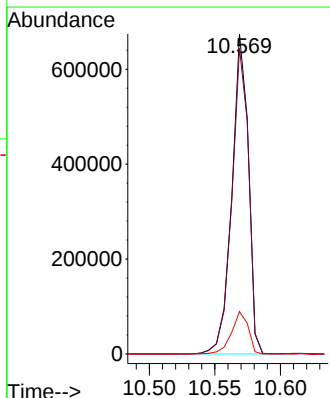
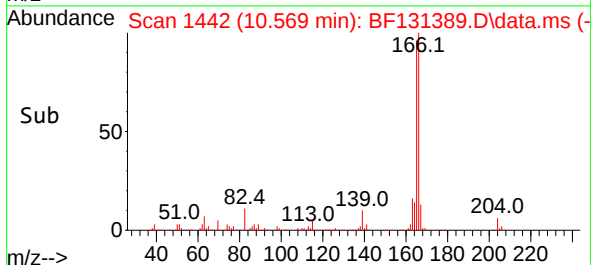
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

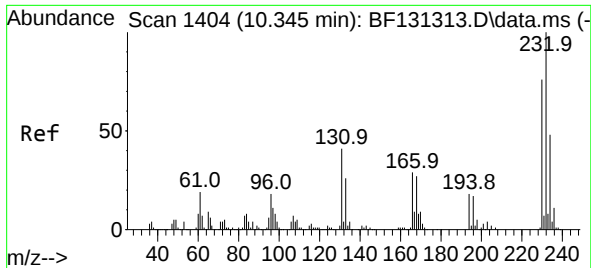


#58
Fluorene
Concen: 42.410 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12



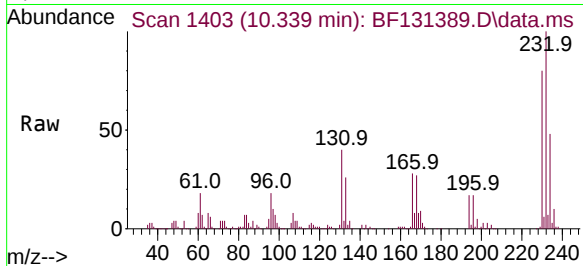
Tgt Ion:166 Resp: 590561
Ion Ratio Lower Upper
166 100
165 95.6 79.0 118.4
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.284 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

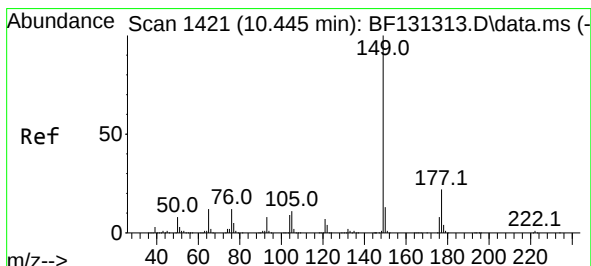
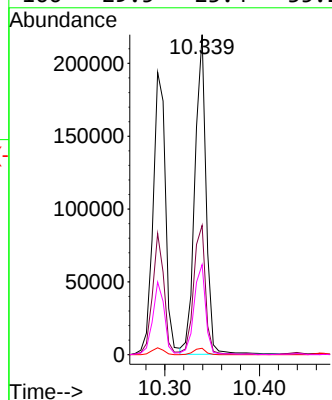
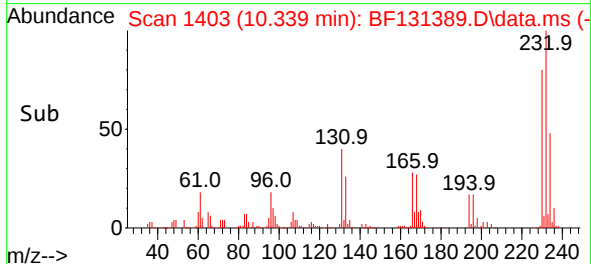
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



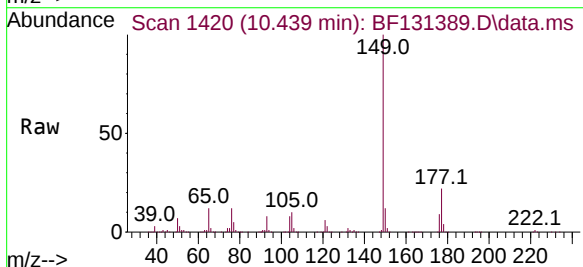
Tgt Ion:232 Resp: 180324
Ion Ratio Lower Upper
232 100
131 42.2 35.2 52.8
130 2.1 1.8 2.8
166 29.5 23.4 35.2

Manual Integrations
APPROVED

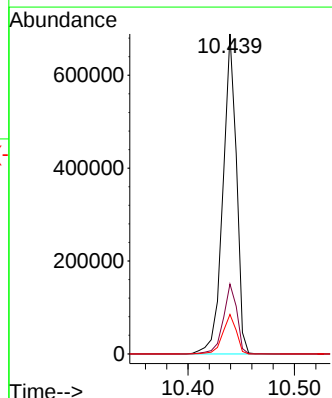
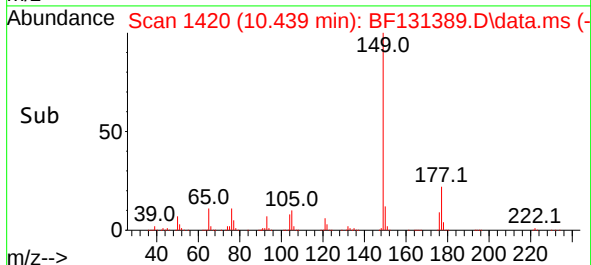
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

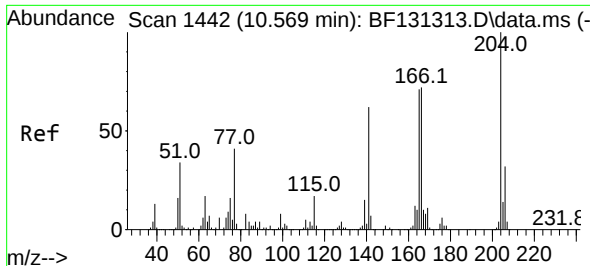


#60
Diethylphthalate
Concen: 43.613 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12



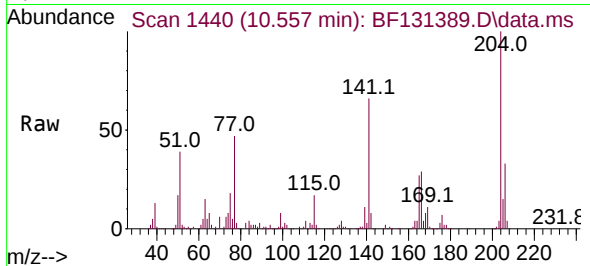
Tgt Ion:149 Resp: 608948
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.405 ng
RT: 10.557 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

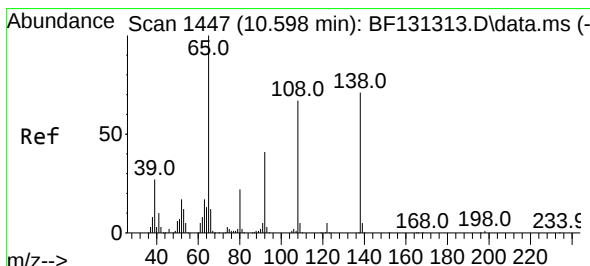
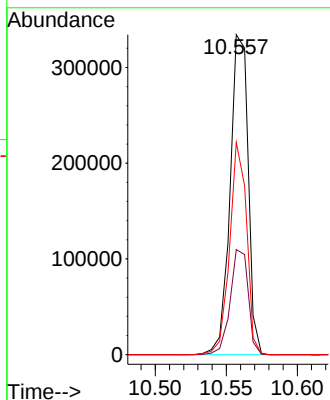
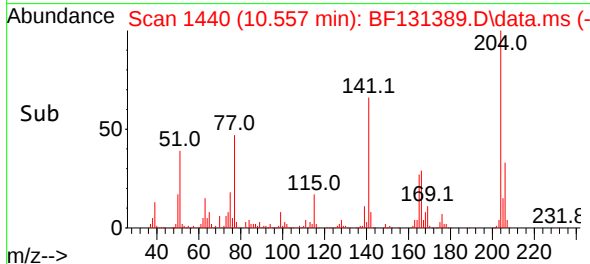
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



Tgt Ion:204 Resp: 29557
Ion Ratio Lower Upper
204 100
206 32.8 25.7 38.5
141 66.3 49.2 73.8

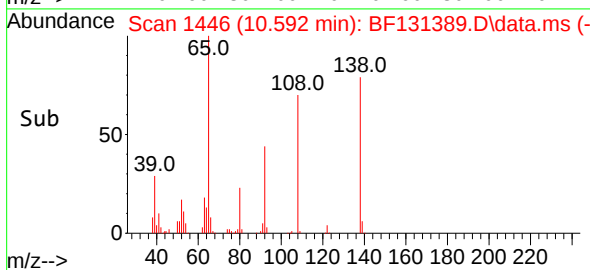
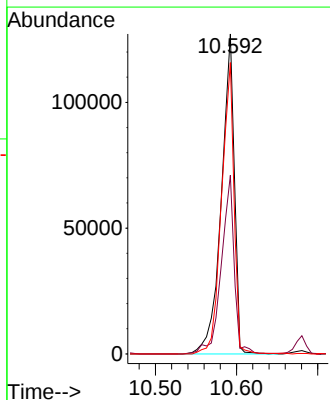
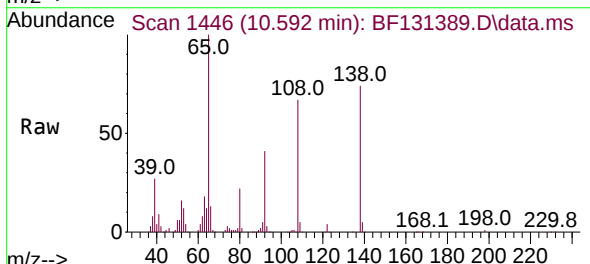
Manual Integrations
APPROVED

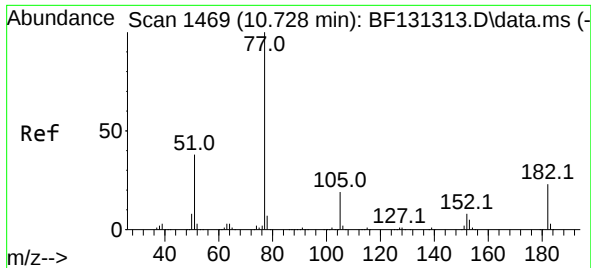
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#62
4-Nitroaniline
Concen: 46.605 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

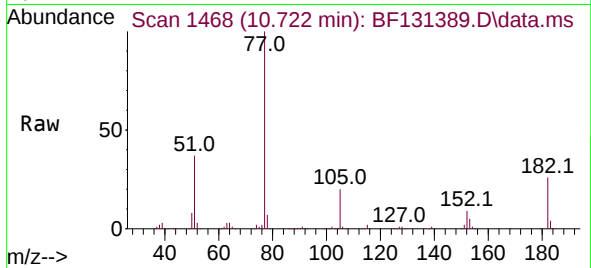
Tgt Ion:138 Resp: 140943
Ion Ratio Lower Upper
138 100
92 55.8 37.0 77.0
108 91.0 74.0 114.0





#63
Azobenzene
Concen: 40.603 ng
RT: 10.722 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

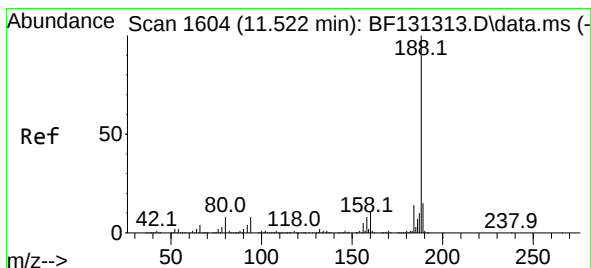
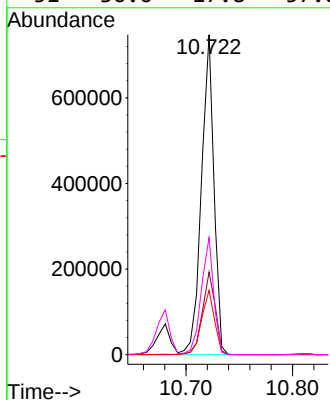
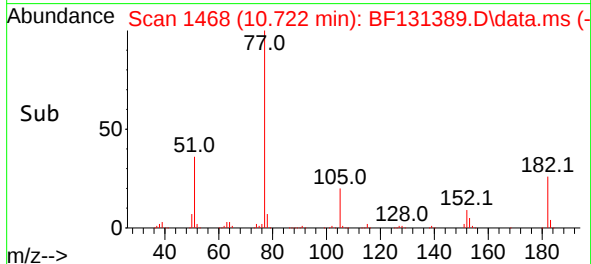
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



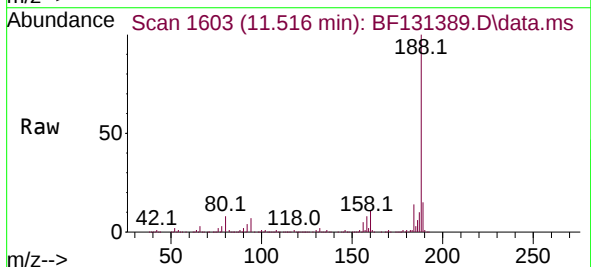
Tgt Ion: 77 Resp: 609579
Ion Ratio Lower Upper
77 100
182 25.8 3.1 43.1
105 20.1 0.0 39.2
51 36.6 17.8 57.8

Manual Integrations
APPROVED

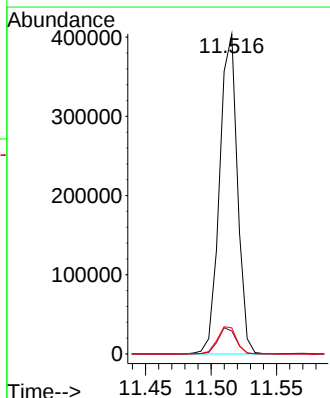
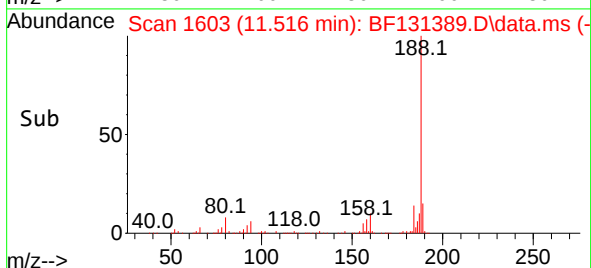
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

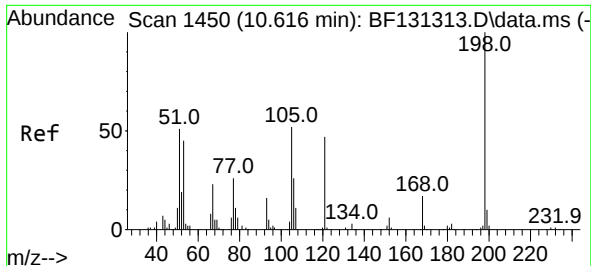


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12



Tgt Ion:188 Resp: 385154
Ion Ratio Lower Upper
188 100
94 7.2 6.3 9.5
80 8.1 6.8 10.2





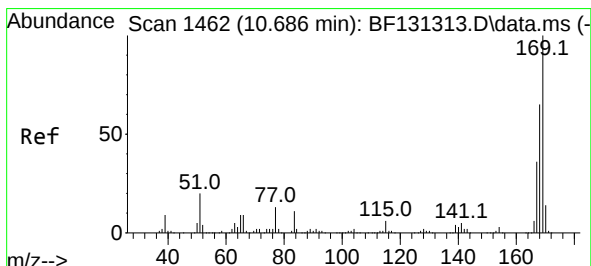
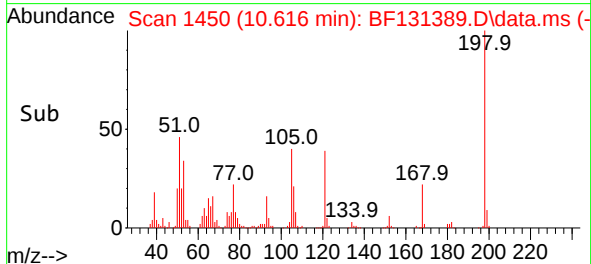
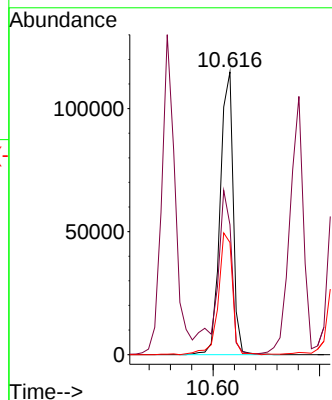
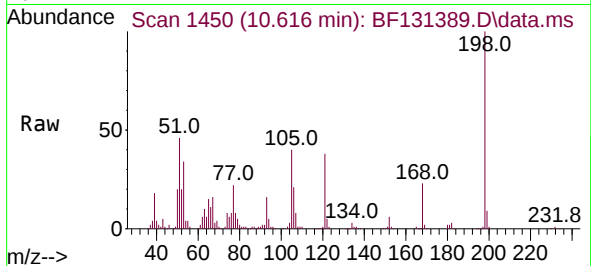
#65
4,6-Dinitro-2-methylphenol
Concen: 56.028 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

Instrument :
BNA_F
ClientSampleId :
PB149242BSD

Tgt Ion:198 Resp: 97494
Ion Ratio Lower Upper
198 100
51 45.9 50.1 90.1
105 39.7 32.5 72.5

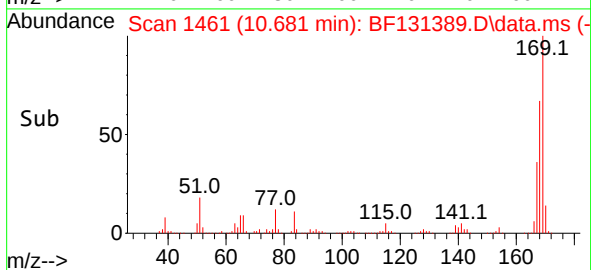
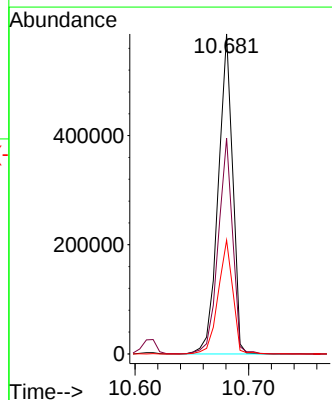
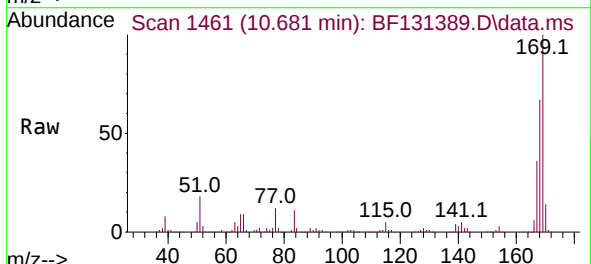
Manual Integrations
APPROVED

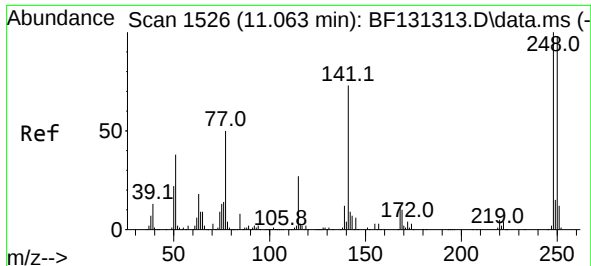
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#66
n-Nitrosodiphenylamine
Concen: 42.095 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

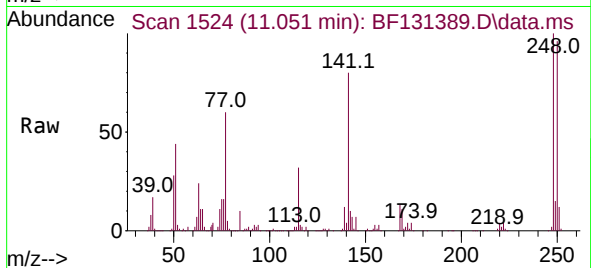
Tgt Ion:169 Resp: 516623
Ion Ratio Lower Upper
169 100
168 67.4 52.4 78.6
167 35.5 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 41.059 ng
RT: 11.051 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

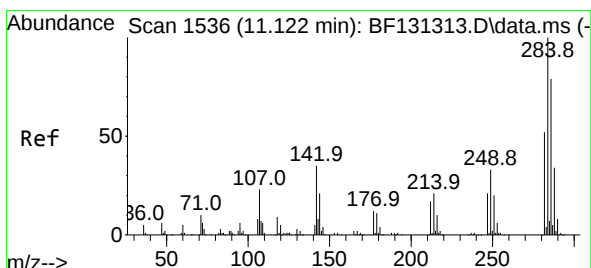
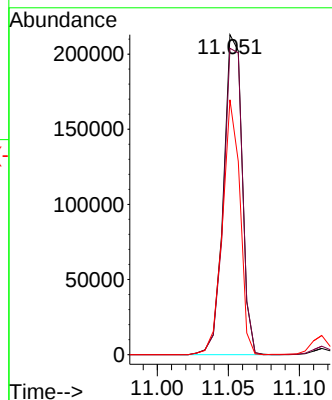
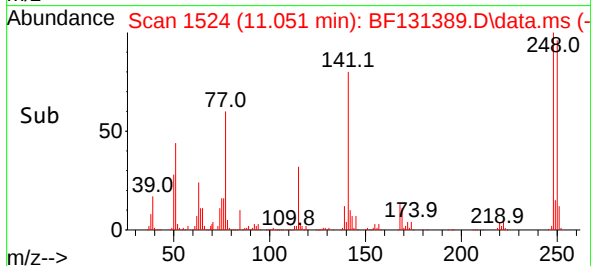
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



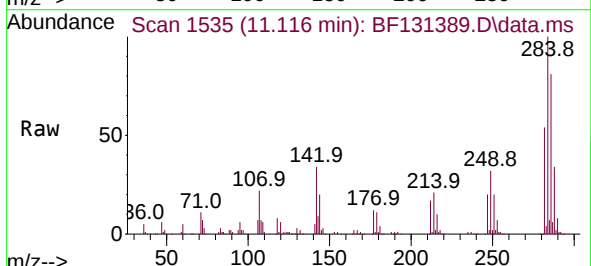
Tgt Ion:248 Resp: 193823
Ion Ratio Lower Upper
248 100
250 95.7 78.3 117.5
141 79.6 58.0 87.0

Manual Integrations
APPROVED

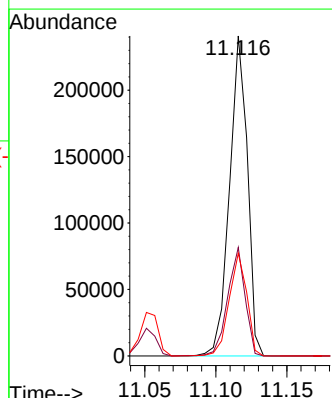
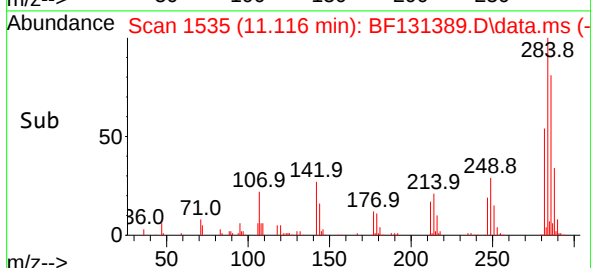
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

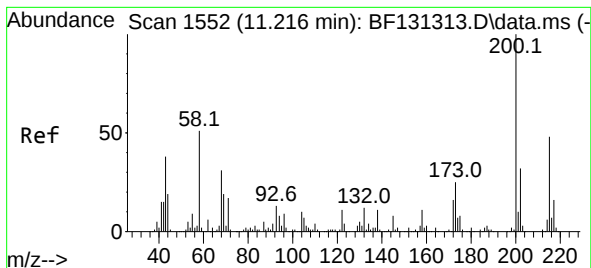


#68
Hexachlorobenzene
Concen: 42.067 ng
RT: 11.116 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12



Tgt Ion:284 Resp: 210760
Ion Ratio Lower Upper
284 100
142 33.9 28.4 42.6
249 32.1 26.5 39.7





#69

Atrazine

Concen: 50.279 ng

RT: 11.210 min Scan# 1551

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

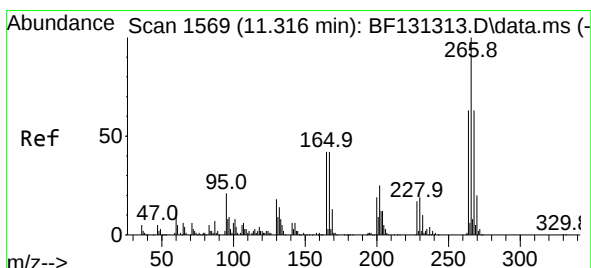
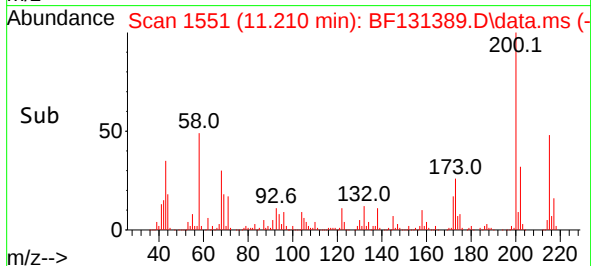
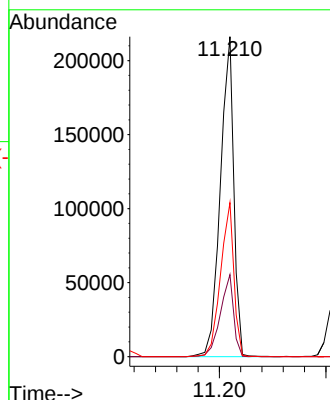
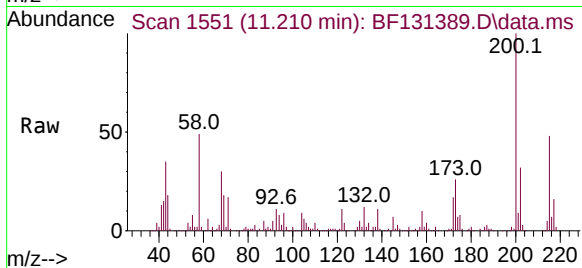
PB149242BSD

Tgt Ion:200 Resp: 189987
 Ion Ratio Lower Upper
 200 100
 173 25.6 5.2 45.2
 215 48.1 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022



#70

Pentachlorophenol

Concen: 87.041 ng

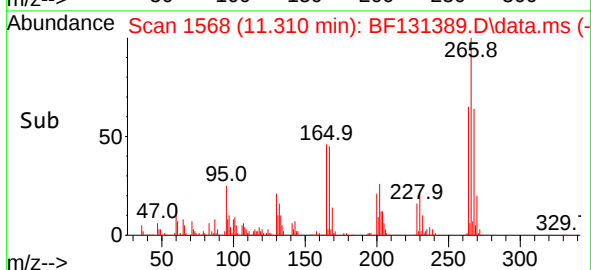
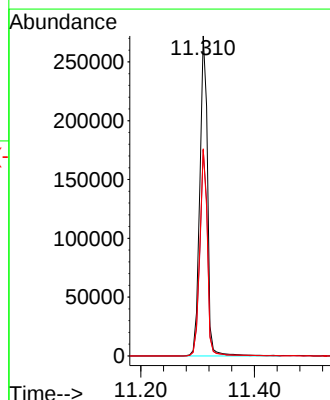
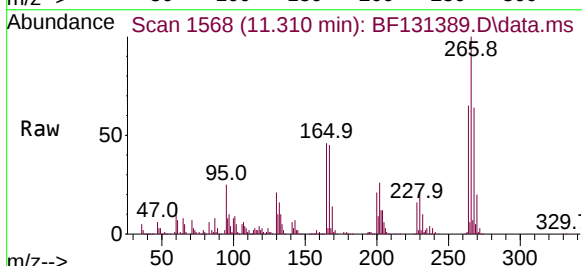
RT: 11.310 min Scan# 1568

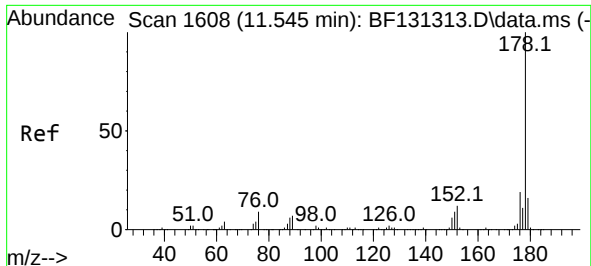
Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

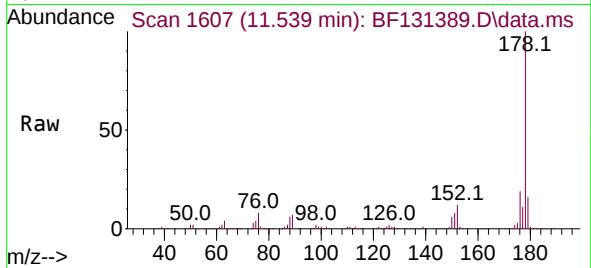
Tgt Ion:266 Resp: 254724
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.6 75.8
 264 64.7 50.4 75.6





#71
Phenanthrene
Concen: 42.310 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

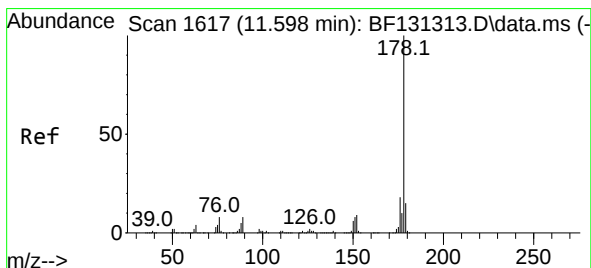
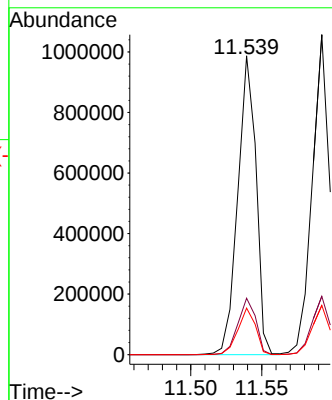
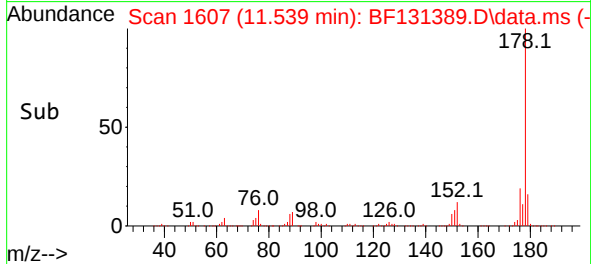
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



Tgt Ion:178 Resp: 880670
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.5 12.4 18.6

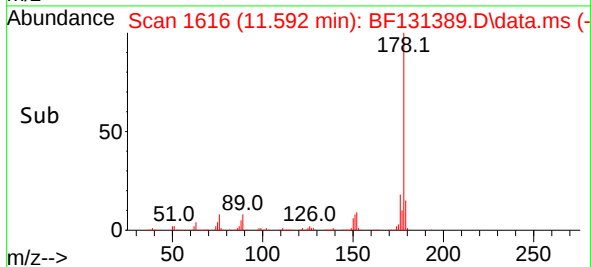
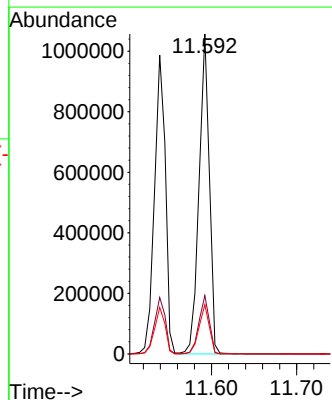
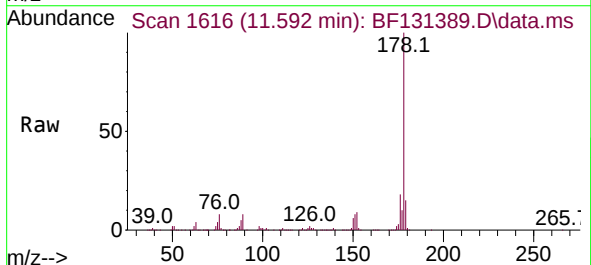
Manual Integrations
APPROVED

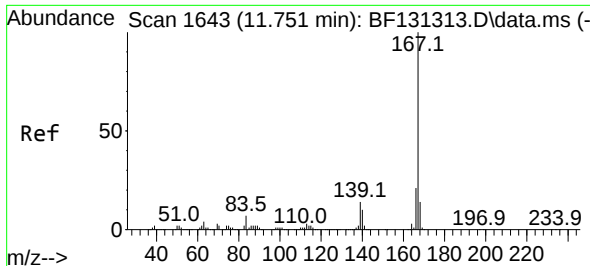
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#72
Anthracene
Concen: 43.312 ng
RT: 11.592 min Scan# 1616
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

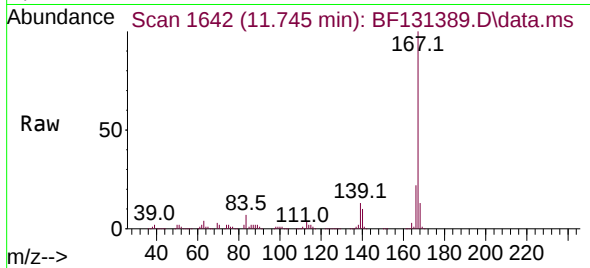
Tgt Ion:178 Resp: 886003
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.4 12.2 18.4





#73
Carbazole
Concen: 45.676 ng
RT: 11.745 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

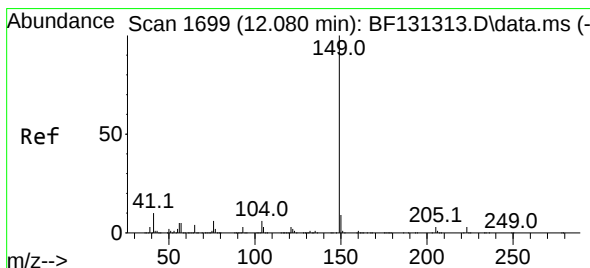
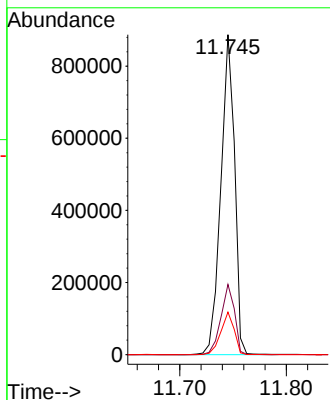
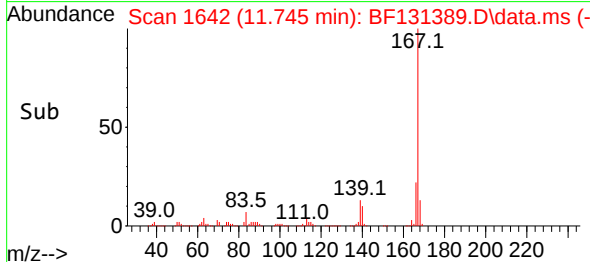
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



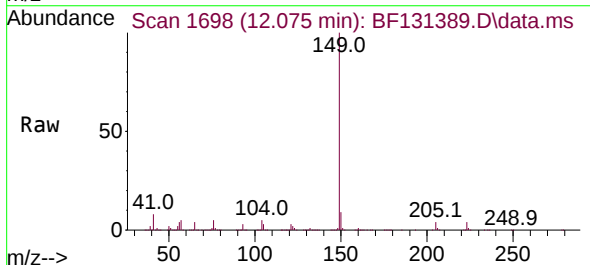
Tgt Ion:167 Resp: 797015
Ion Ratio Lower Upper
167 100
166 21.9 17.0 25.6
139 13.3 10.8 16.2

Manual Integrations
APPROVED

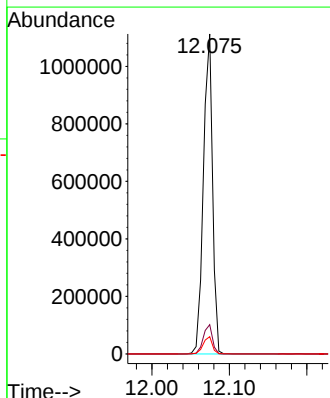
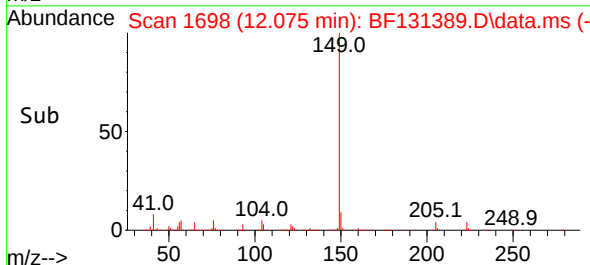
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

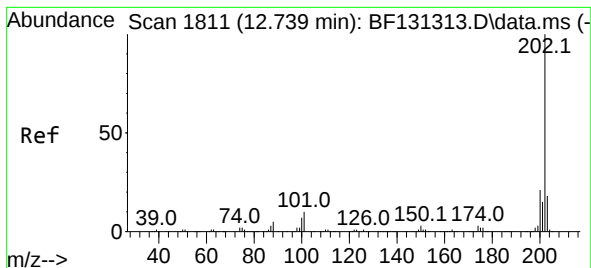


#74
Di-n-butylphthalate
Concen: 44.176 ng
RT: 12.075 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12



Tgt Ion:149 Resp: 908331
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.4 4.7 7.1





#75

Fluoranthene

Concen: 43.971 ng

RT: 12.733 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF131389.D

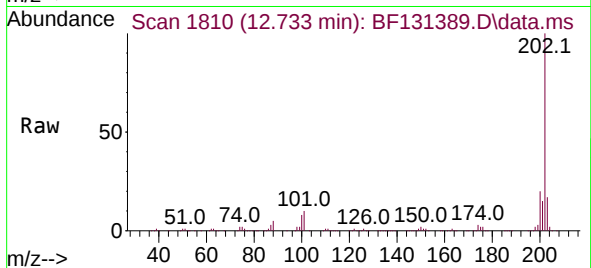
Acq: 25 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB149242BSD



Tgt Ion:202 Resp: 964443

Ion Ratio Lower Upper

202 100

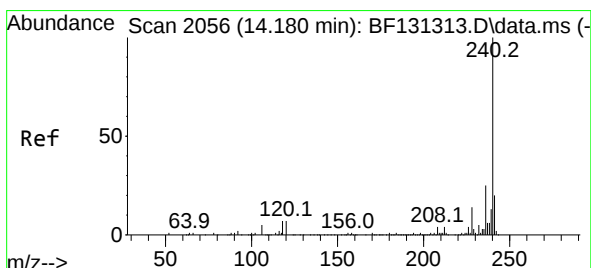
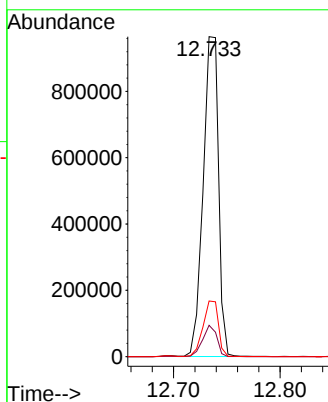
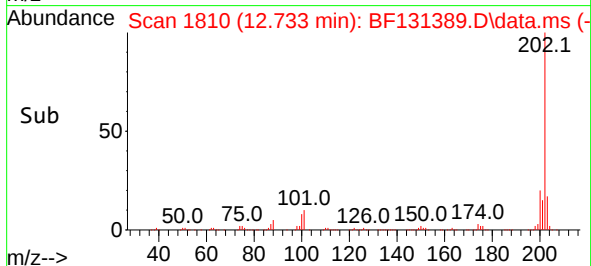
101 9.8 0.0 29.6

203 17.4 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.174 min Scan# 2055

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

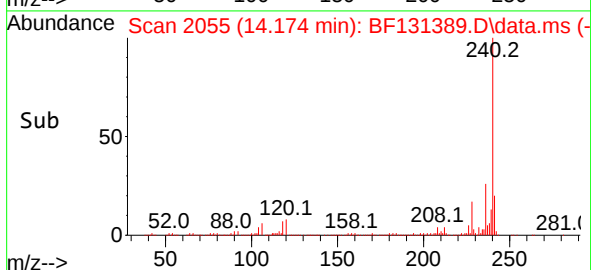
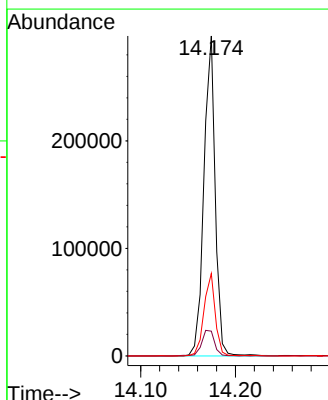
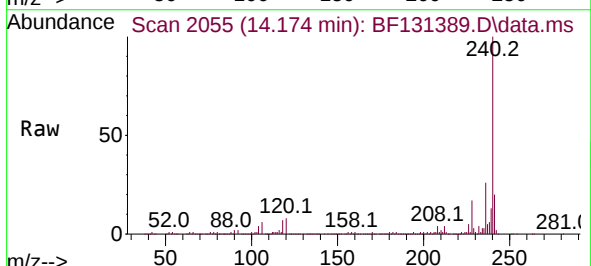
Tgt Ion:240 Resp: 247234

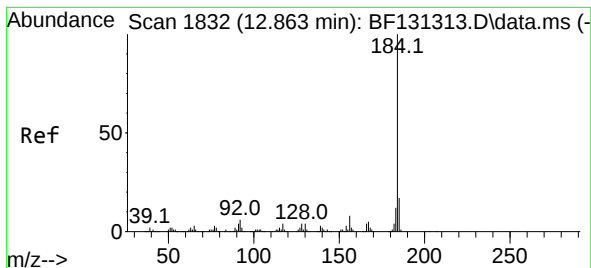
Ion Ratio Lower Upper

240 100

120 7.7 5.8 8.8

236 25.7 20.3 30.5





#77

Benzidine

Concen: 70.279 ng

RT: 12.857 min Scan# 1831

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

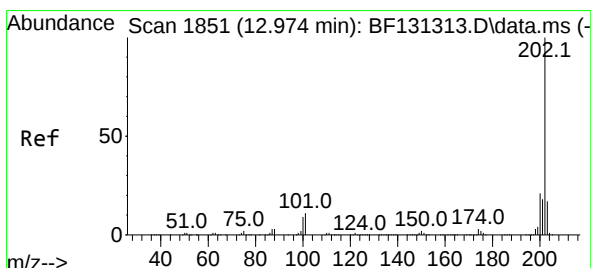
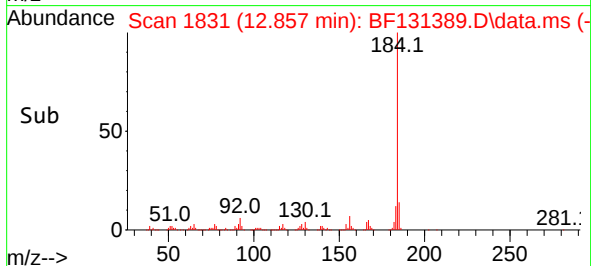
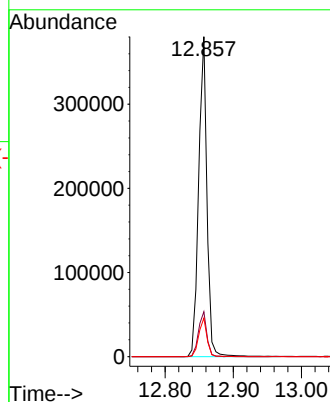
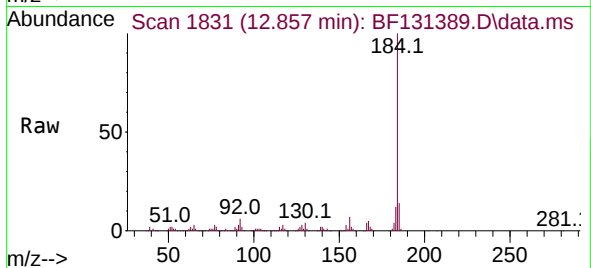
PB149242BSD

Tgt Ion:184 Resp: 320946
 Ion Ratio Lower Upper
 184 100
 185 14.0 13.8 20.8
 183 12.1 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022



#78

Pyrene

Concen: 44.174 ng

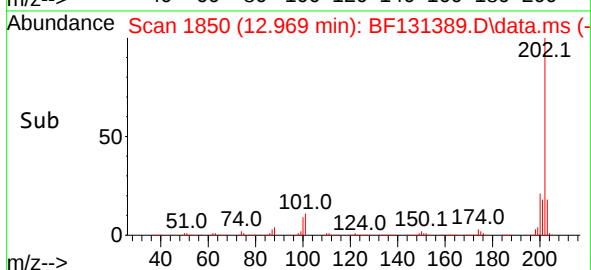
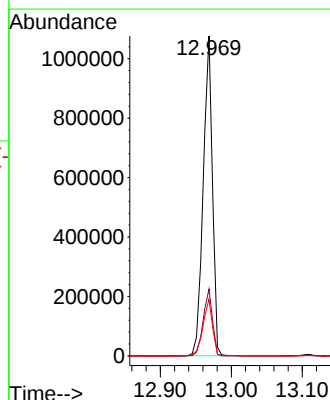
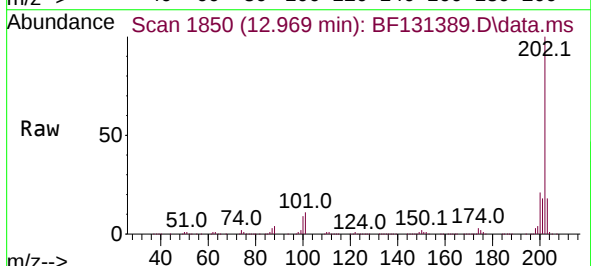
RT: 12.969 min Scan# 1850

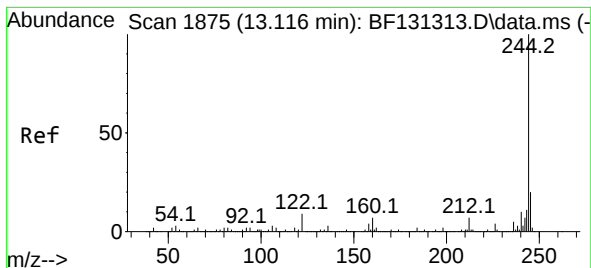
Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Tgt Ion:202 Resp: 963568
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.9 25.3
 203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 88.234 ng

RT: 13.110 min Scan# 1875

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB149242BSD

Tgt Ion:244 Resp: 133400

Ion Ratio Lower Upper

244 100

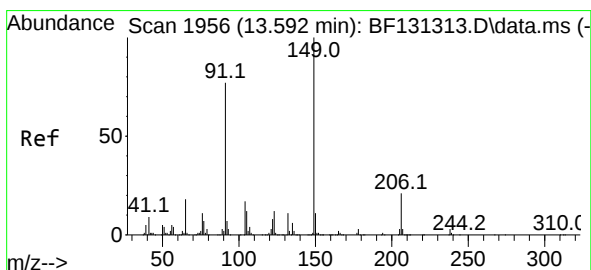
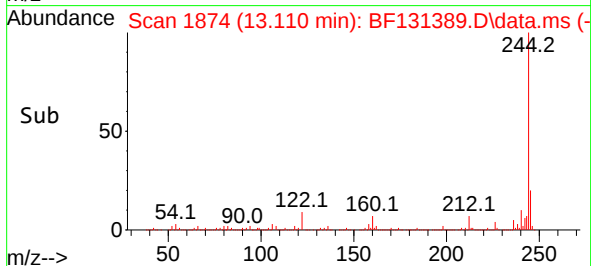
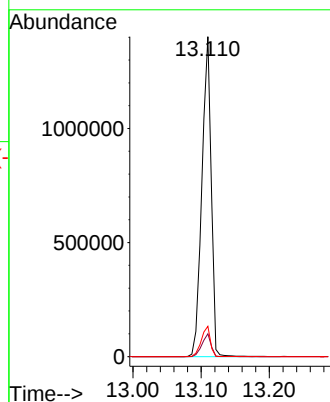
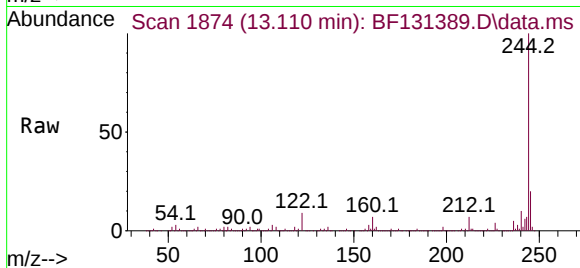
212 7.1 5.9 8.9

122 9.5 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#80

Butylbenzylphthalate

Concen: 46.744 ng

RT: 13.586 min Scan# 1955

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

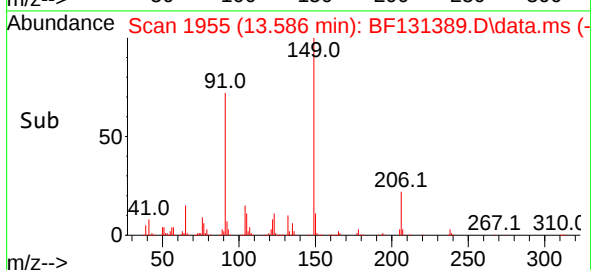
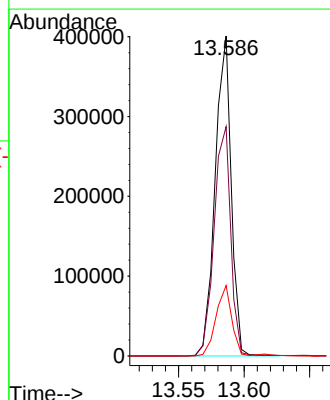
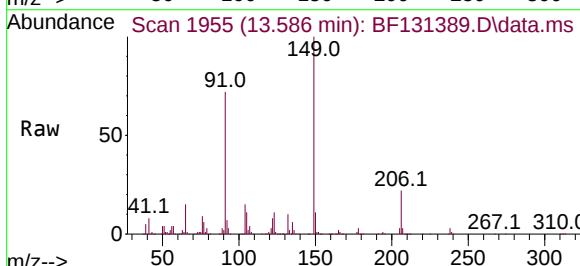
Tgt Ion:149 Resp: 342164

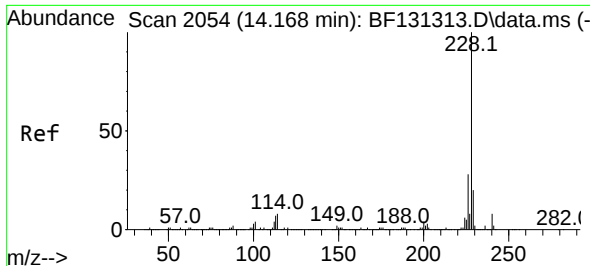
Ion Ratio Lower Upper

149 100

91 71.6 61.9 92.9

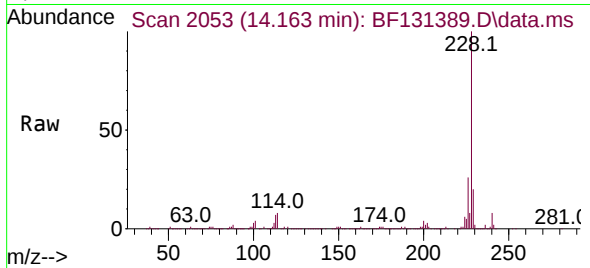
206 22.0 16.5 24.7





#81
Benzo(a)anthracene
Concen: 43.746 ng
RT: 14.163 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

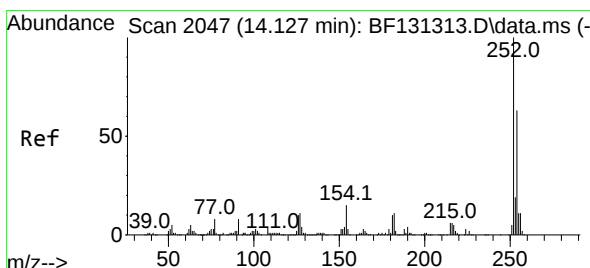
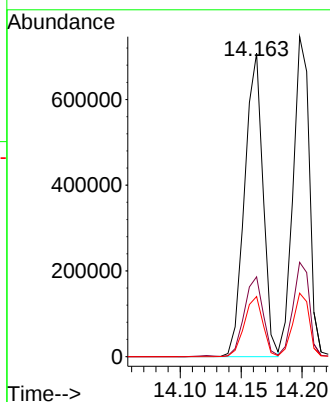
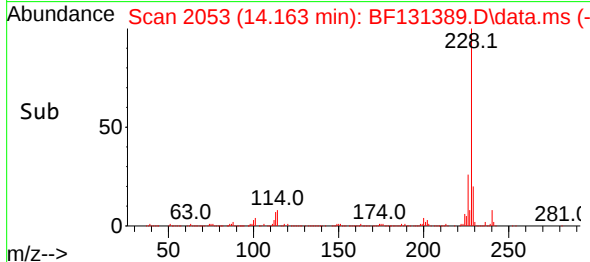
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



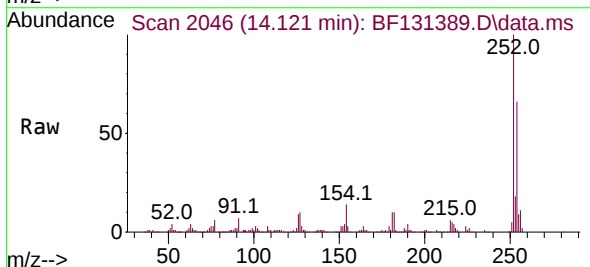
Tgt Ion:228 Resp: 741356
Ion Ratio Lower Upper
228 100
226 26.3 22.0 33.0
229 19.8 15.7 23.5

Manual Integrations
APPROVED

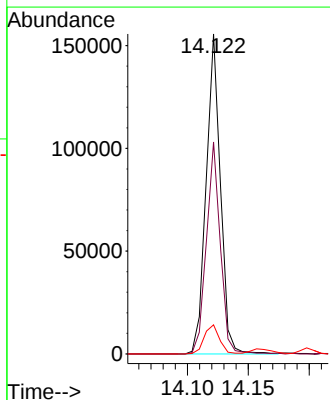
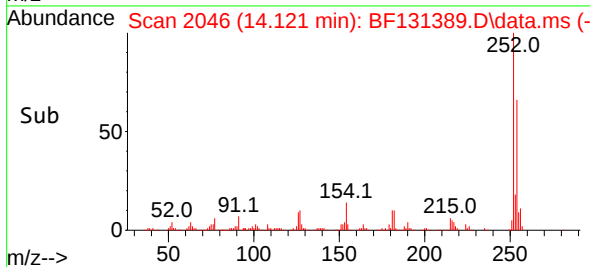
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

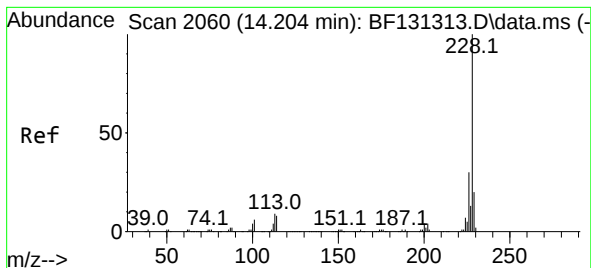


#82
3,3'-Dichlorobenzidine
Concen: 28.255 ng
RT: 14.121 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12



Tgt Ion:252 Resp: 127059
Ion Ratio Lower Upper
252 100
254 66.2 50.8 76.2
126 9.1 8.3 12.5





#83

Chrysene

Concen: 42.225 ng

RT: 14.198 min Scan# 2059

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

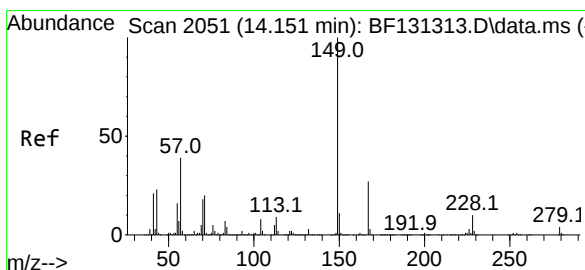
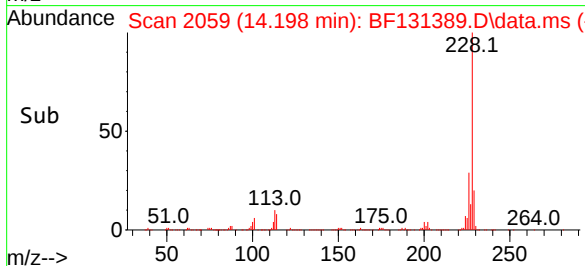
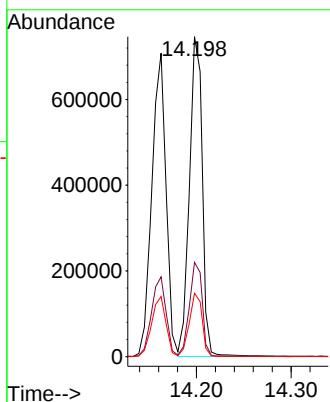
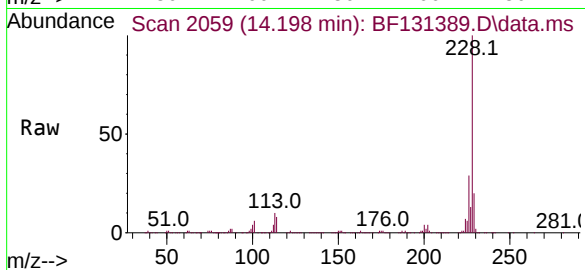
PB149242BSD

Tgt Ion:	228	Resp:	702044
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.7	35.5
229	19.8	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.870 ng

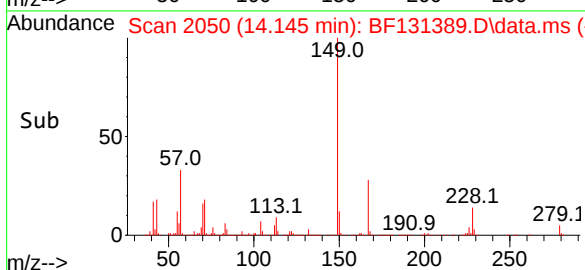
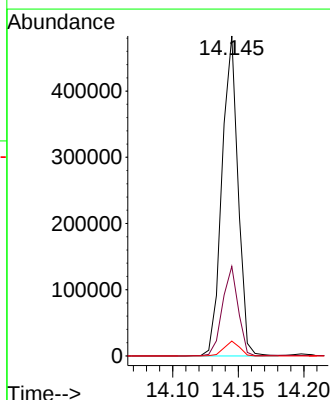
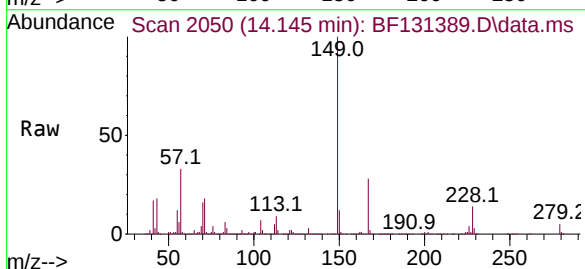
RT: 14.145 min Scan# 2050

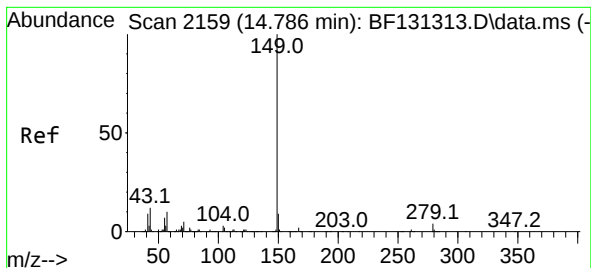
Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Tgt Ion:	149	Resp:	413278
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.9	32.9
279	4.6	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 44.619 ng

RT: 14.774 min Scan# 2157

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB149242BSD

Tgt Ion:149 Resp: 604363

Ion Ratio Lower Upper

149 100

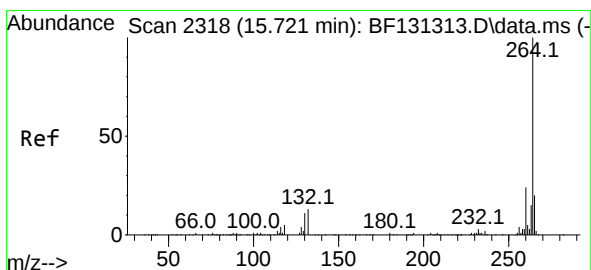
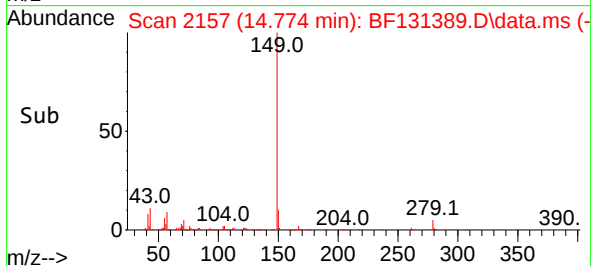
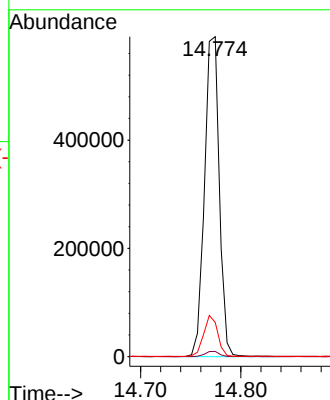
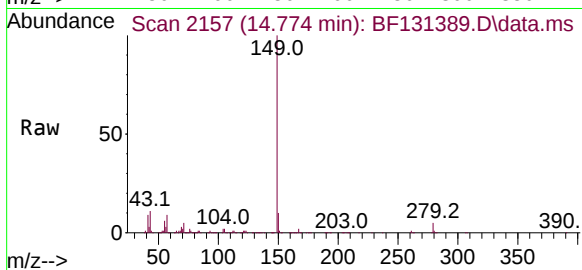
167 1.6 1.2 1.8

43 12.2 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.710 min Scan# 2316

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

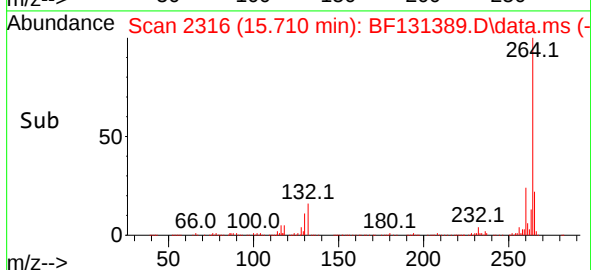
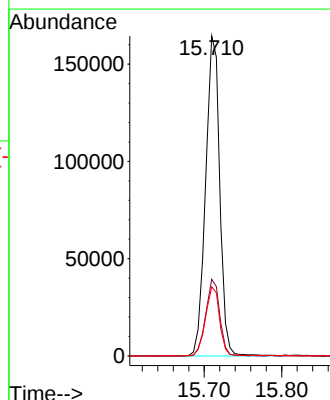
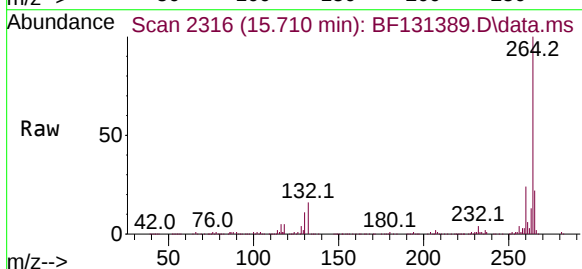
Tgt Ion:264 Resp: 207676

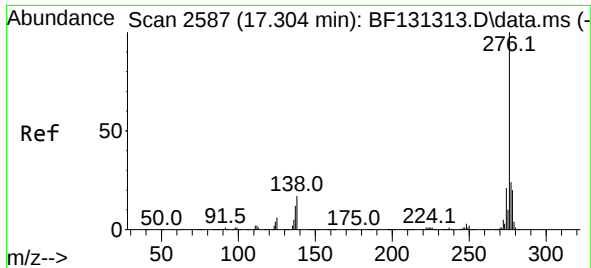
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.6 16.4 24.6





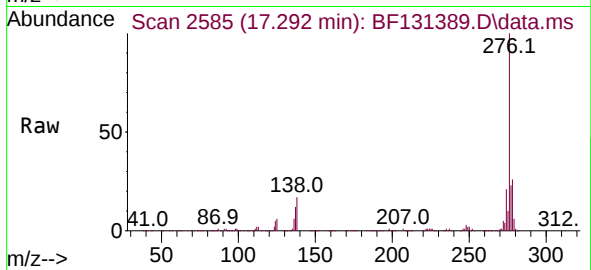
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.015 ng
RT: 17.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB149242BSD

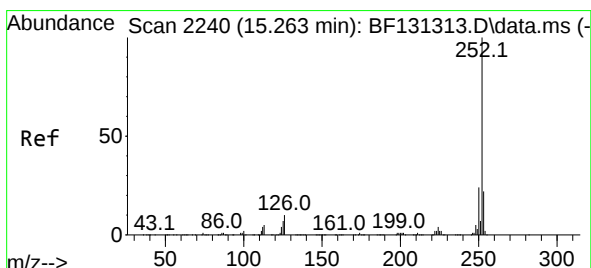
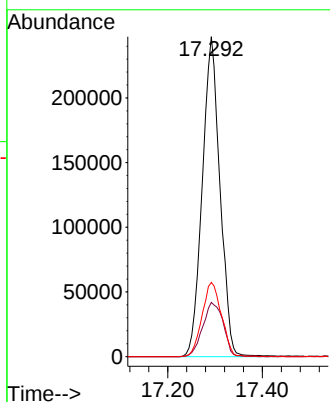
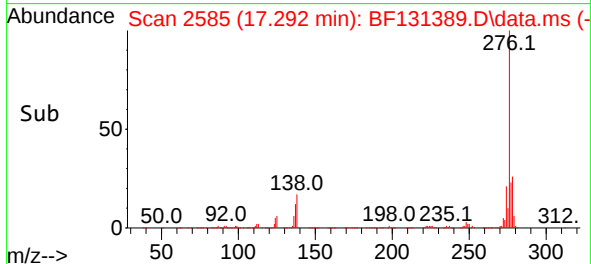


Tgt Ion:276 Resp: 641840
Ion Ratio Lower Upper
276 100
138 19.6 15.8 23.6
277 25.4 20.3 30.5

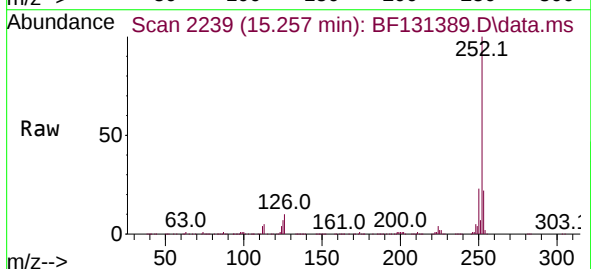
Manual Integrations

APPROVED

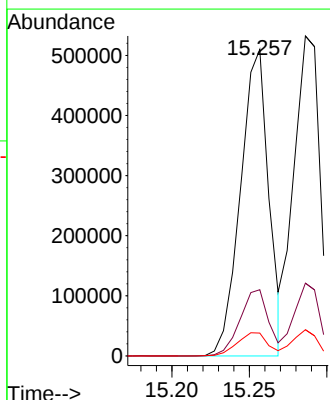
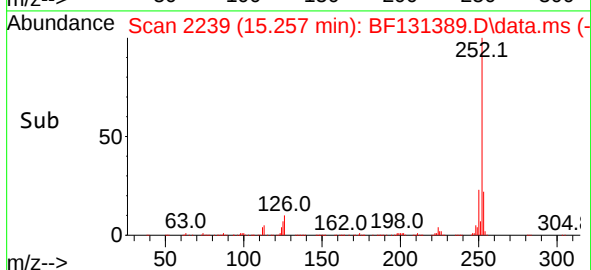
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

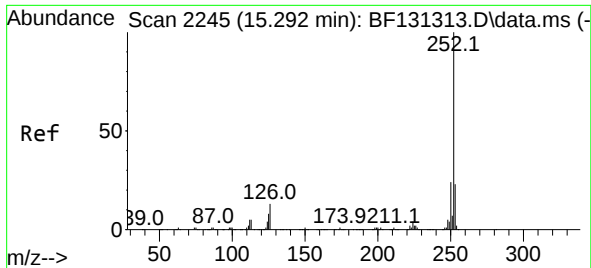


#88
Benzo(b)fluoranthene
Concen: 47.042 ng
RT: 15.257 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12



Tgt Ion:252 Resp: 649013
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 7.5 5.8 8.6





#89

Benzo(k)fluoranthene

Concen: 44.417 ng

RT: 15.286 min Scan# 2244

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

Instrument :

BNA_F

ClientSampleId :

PB149242BSD

Tgt Ion:252 Resp: 629738

Ion Ratio Lower Upper

252 100

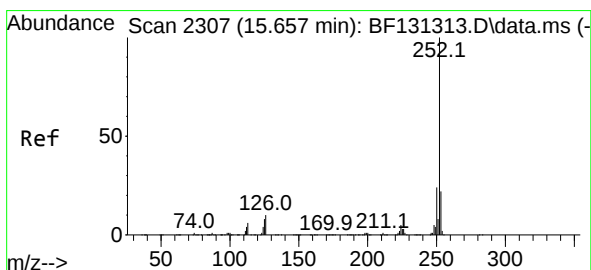
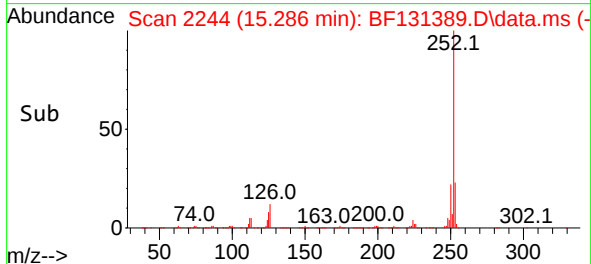
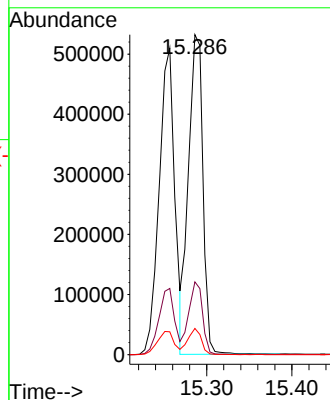
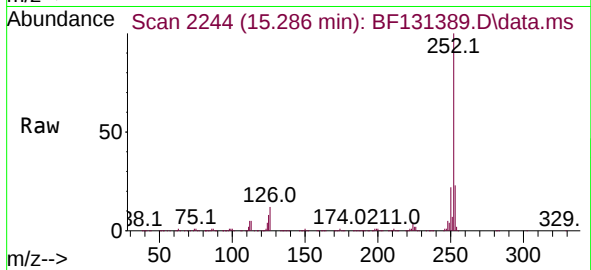
253 22.7 17.9 26.9

125 8.2 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#90

Benzo(a)pyrene

Concen: 49.568 ng

RT: 15.645 min Scan# 2305

Delta R.T. 0.000 min

Lab File: BF131389.D

Acq: 25 Nov 2022 11:12

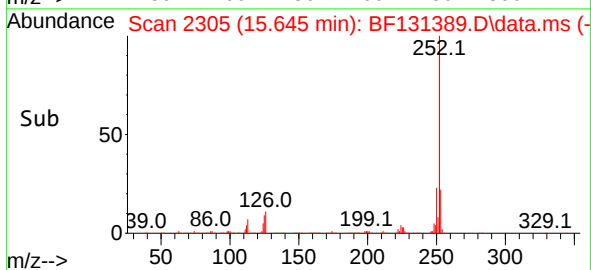
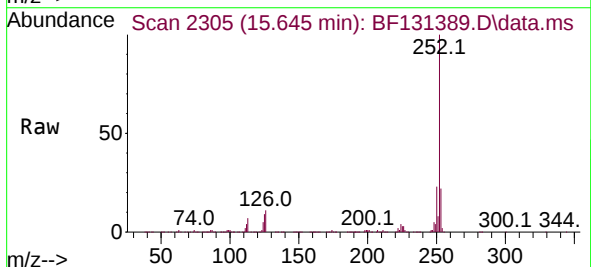
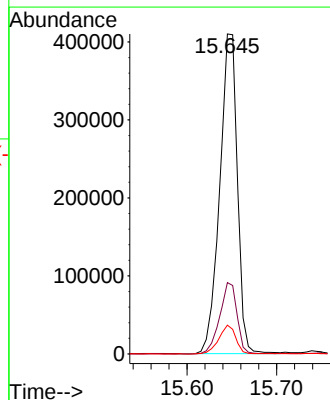
Tgt Ion:252 Resp: 561128

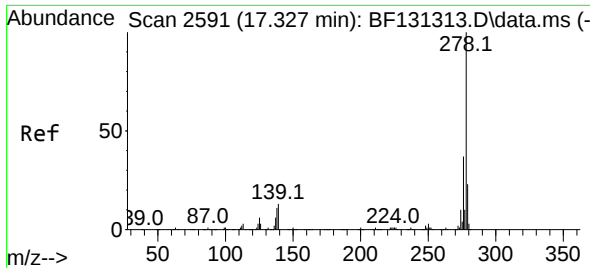
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

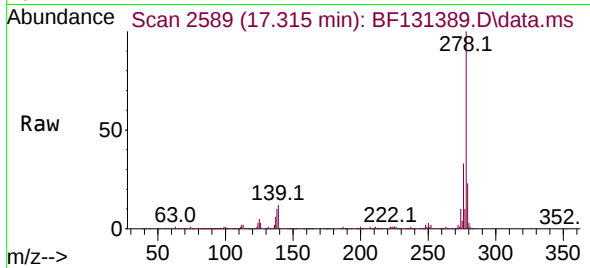
125 9.0 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 47.021 ng
RT: 17.315 min Scan# 2589
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12

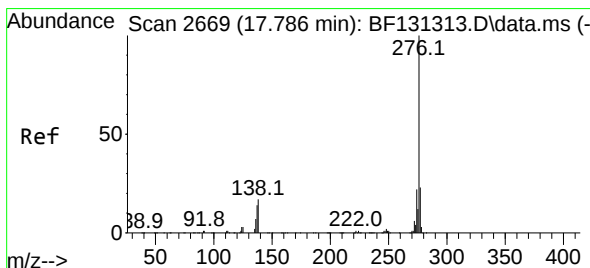
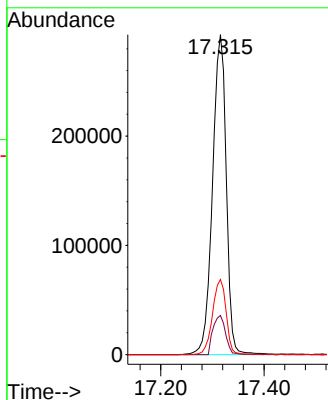
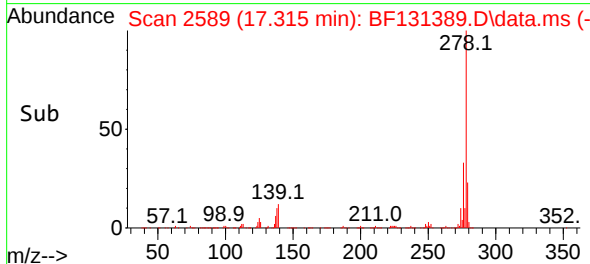
Instrument :
BNA_F
ClientSampleId :
PB149242BSD



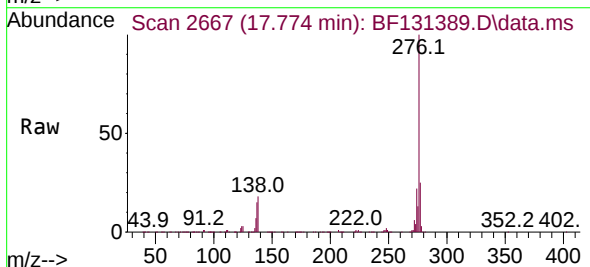
Tgt Ion:278 Resp: 541482
Ion Ratio Lower Upper
278 100
139 12.2 10.4 15.6
279 23.5 18.3 27.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#92
Benzo(g,h,i)perylene
Concen: 46.690 ng
RT: 17.774 min Scan# 2667
Delta R.T. 0.000 min
Lab File: BF131389.D
Acq: 25 Nov 2022 11:12



Tgt Ion:276 Resp: 536641
Ion Ratio Lower Upper
276 100
277 24.5 18.3 27.5
138 17.7 13.8 20.6

