

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131422.D
 Acq On : 28 Nov 2022 10:38
 Operator : CG\JU
 Sample : PB149277BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149277BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 29 00:19:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	86833	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	320955	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	188182	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	364742	20.000	ng	0.00
76) Chrysene-d12	14.168	240	242829	20.000	ng	0.00
86) Perylene-d12	15.704	264	178999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	661194	144.921	ng	0.02
7) Phenol-d6	6.581	99	816131	140.201	ng	0.00
23) Nitrobenzene-d5	7.522	82	551915	86.683	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	275202	173.828	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1050724	81.231	ng	0.00
79) Terphenyl-d14	13.104	244	1374866	92.587	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.851	88	82508	37.933	ng	98
3) Pyridine	3.604	79	224727	37.208	ng	98
4) n-Nitrosodimethylamine	3.575	42	166117	46.639	ng	97
6) Aniline	6.616	93	249059m	32.647	ng	
8) 2-Chlorophenol	6.734	128	255443	49.419	ng	98
9) Benzaldehyde	6.504	77	144188	40.400	ng	97
10) Phenol	6.592	94	308667	47.825	ng	98
11) bis(2-Chloroethyl)ether	6.686	93	240540	44.483	ng	100
12) 1,3-Dichlorobenzene	6.892	146	268069	43.515	ng	98
13) 1,4-Dichlorobenzene	6.969	146	274086	43.787	ng	99
14) 1,2-Dichlorobenzene	7.122	146	266261	46.197	ng	99
15) Benzyl Alcohol	7.098	79	242962	50.903	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.228	45	444599	42.992	ng	100
17) 2-Methylphenol	7.204	107	202498	45.965	ng	99
18) Hexachloroethane	7.469	117	105285	47.019	ng	99
19) n-Nitroso-di-n-propyla...	7.369	70	189662	44.507	ng	97
20) 3+4-Methylphenols	7.357	107	254728m	45.285	ng	
22) Acetophenone	7.369	105	364596	44.628	ng	# 98
24) Nitrobenzene	7.539	77	291541	43.948	ng	98
25) Isophorone	7.781	82	525193	46.234	ng	100
26) 2-Nitrophenol	7.857	139	124809	56.262	ng	98
27) 2,4-Dimethylphenol	7.886	122	226626	51.463	ng	98
28) bis(2-Chloroethoxy)met...	7.986	93	298084	46.201	ng	99
29) 2,4-Dichlorophenol	8.098	162	220147	46.087	ng	96
30) 1,2,4-Trichlorobenzene	8.181	180	250626	42.354	ng	97
31) Naphthalene	8.269	128	717887	41.973	ng	99
32) Benzoic acid	8.016	122	150365	52.714	ng	94
33) 4-Chloroaniline	8.310	127	66241	9.817	ng	97
34) Hexachlorobutadiene	8.380	225	163265	42.609	ng	98
35) Caprolactam	8.692	113	71030m	56.588	ng	
36) 4-Chloro-3-methylphenol	8.792	107	249672	50.310	ng	91
37) 2-Methylnaphthalene	8.963	142	492915	42.534	ng	99
38) 1-Methylnaphthalene	9.063	142	462269	41.136	ng	100
40) 1,2,4,5-Tetrachloroben...	9.127	216	256632	42.024	ng	99
41) Hexachlorocyclopentadiene	9.110	237	338426	123.277	ng	97
43) 2,4,6-Trichlorophenol	9.239	196	172713	49.855	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	185354	47.581	ng	95
46) 1,1'-Biphenyl	9.427	154	620791	43.229	ng	98
47) 2-Chloronaphthalene	9.457	162	484998	42.101	ng	98
48) 2-Nitroaniline	9.551	65	177913	50.865	ng	98
49) Acenaphthylene	9.874	152	746621	42.516	ng	100
50) Dimethylphthalate	9.733	163	593299	45.251	ng	98
51) 2,6-Dinitrotoluene	9.792	165	131341	50.090	ng	98
52) Acenaphthene	10.045	154	546999m	49.744	ng	
53) 3-Nitroaniline	9.963	138	68425	25.396	ng	92
54) 2,4-Dinitrophenol	10.069	184	143760	105.226	ng	95
55) Dibenzofuran	10.222	168	671038	42.417	ng	99
56) 4-Nitrophenol	10.127	139	216289	115.667	ng	95
57) 2,4-Dinitrotoluene	10.204	165	184060	55.790	ng	88
58) Fluorene	10.563	166	544698	44.117	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.333	232	166987	51.473	ng	99
60) Diethylphthalate	10.433	149	596236	48.161	ng	98
61) 4-Chlorophenyl-phenyle...	10.557	204	277058	43.773	ng	96
62) 4-Nitroaniline	10.592	138	130519	48.674	ng	97
63) Azobenzene	10.716	77	583731	43.851	ng	97
65) 4,6-Dinitro-2-methylph...	10.610	198	93866	56.725	ng	84
66) n-Nitrosodiphenylamine	10.674	169	487858	41.976	ng	98
67) 4-Bromophenyl-phenylether	11.051	248	190181	42.542	ng	94
68) Hexachlorobenzene	11.110	284	202610	42.703	ng	98
69) Atrazine	11.204	200	191639	53.554	ng	98
70) Pentachlorophenol	11.304	266	239775	86.547	ng	99
71) Phenanthrene	11.533	178	834900	42.355	ng	100
72) Anthracene	11.586	178	857007	44.239	ng	100
73) Carbazole	11.739	167	764478	46.263	ng	99
74) Di-n-butylphthalate	12.068	149	944967	48.530	ng	99
75) Fluoranthene	12.727	202	925951	44.579	ng	99
77) Benzidine	12.851	184	325361	72.539	ng	97
78) Pyrene	12.963	202	942463	43.990	ng	100
80) Butylbenzylphthalate	13.580	149	349342	48.426	ng	96
81) Benzo(a)anthracene	14.157	228	714641	42.935	ng	99
82) 3,3'-Dichlorobenzidine	14.115	252	109514	24.795	ng	99
83) Chrysene	14.192	228	684758	41.932	ng	99
84) Bis(2-ethylhexyl)phtha...	14.139	149	441324	46.283	ng	# 98
85) Di-n-octyl phthalate	14.768	149	615560	45.882	ng	99
87) Indeno(1,2,3-cd)pyrene	17.280	276	572837	47.648	ng	99
88) Benzo(b)fluoranthene	15.245	252	592913	49.861	ng	99
89) Benzo(k)fluoranthene	15.280	252	550072	45.014	ng	98
90) Benzo(a)pyrene	15.639	252	488310	50.046	ng	98
91) Dibenzo(a,h)anthracene	17.303	278	478539	48.212	ng	97
92) Benzo(g,h,i)perylene	17.762	276	483120	48.768	ng	97

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

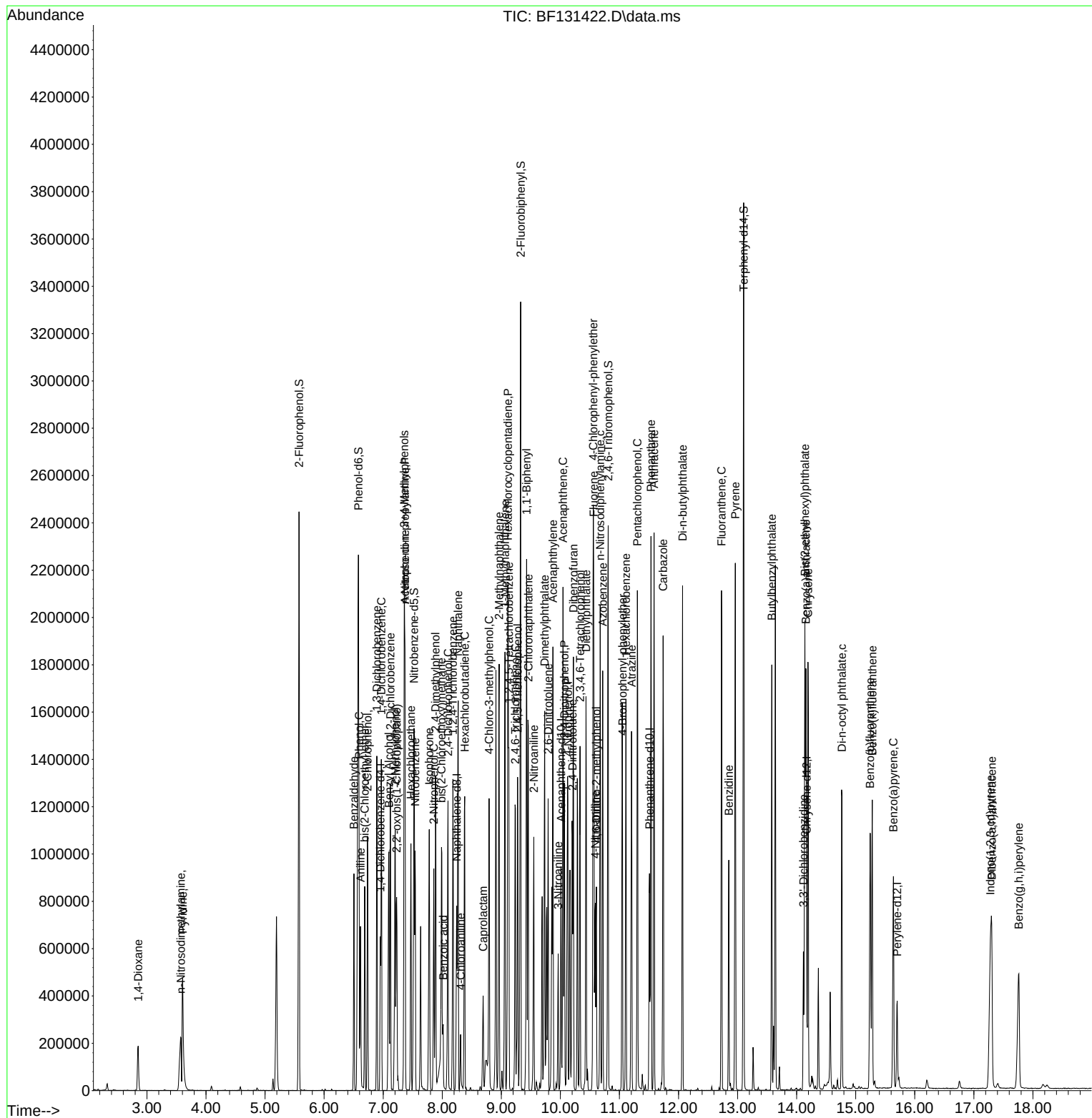
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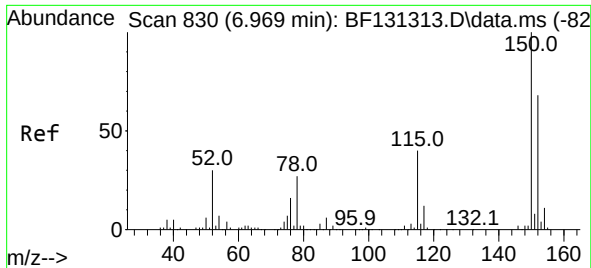
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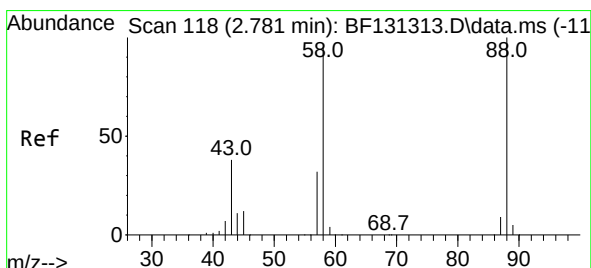
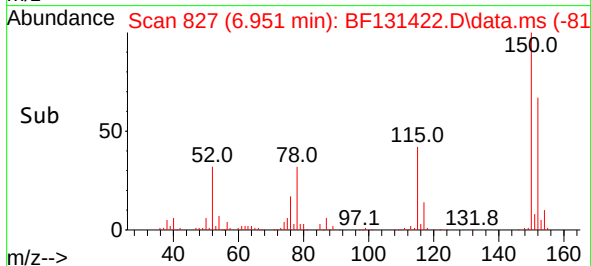
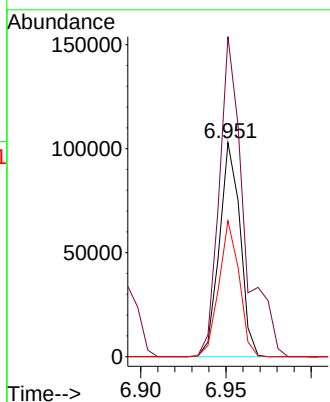
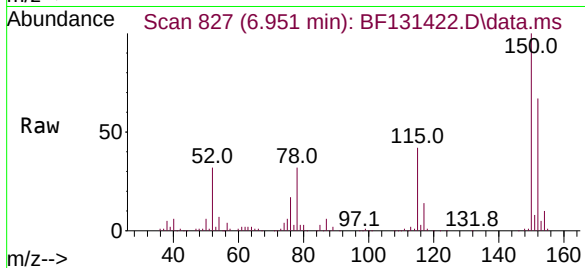
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 8683
Ion Ratio Lower Upper
152 100
150 149.5 117.8 176.8
115 63.4 47.1 70.7

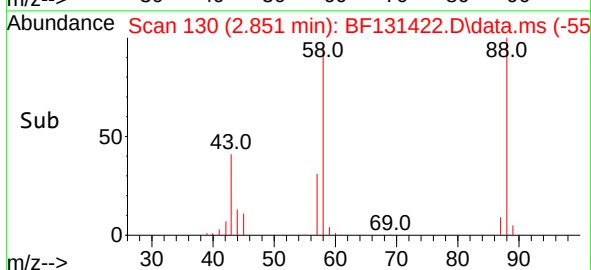
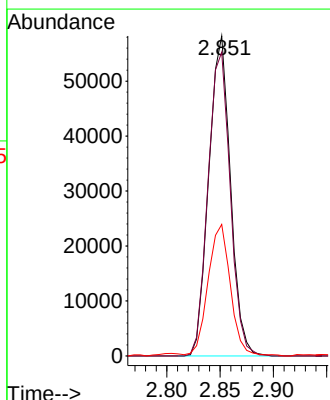
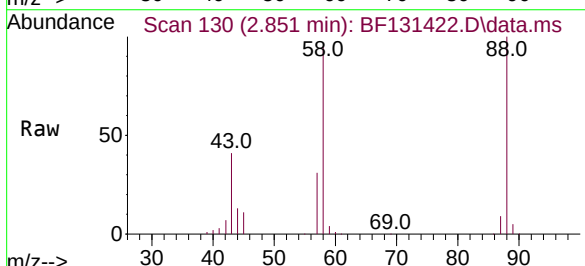
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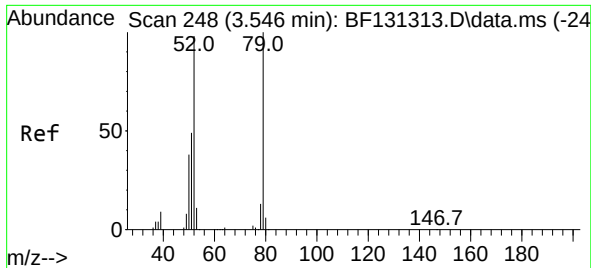
Reviewed By :Christian Giraldo 12/02/2022
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#2
1,4-Dioxane
Concen: 37.933 ng
RT: 2.851 min Scan# 130
Delta R.T. 0.094 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Tgt Ion: 88 Resp: 82508
Ion Ratio Lower Upper
88 100
58 97.2 78.2 117.4
43 42.5 31.6 47.4





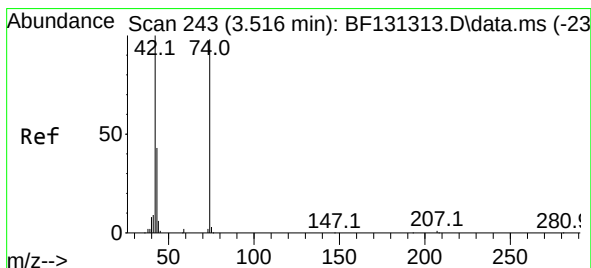
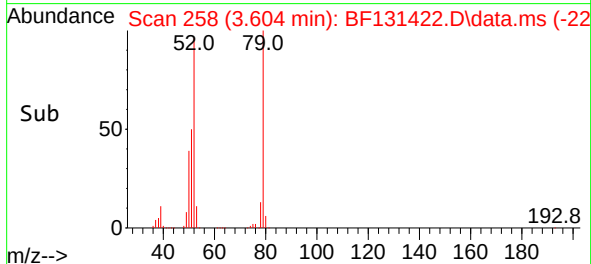
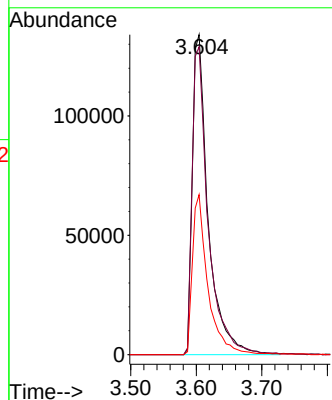
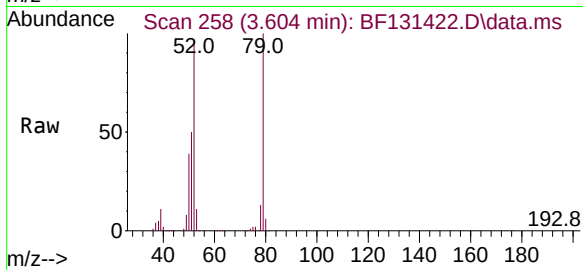
#3
Pyridine
Concen: 37.208 ng
RT: 3.604 min Scan# 21
Delta R.T. 0.070 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Instrument :
BNA_F
ClientSampleId :
PB149277BS

Tgt Ion: 79 Resp: 22472
Ion Ratio Lower Upper
79 100
52 96.2 78.7 118.1
51 50.0 39.3 58.9

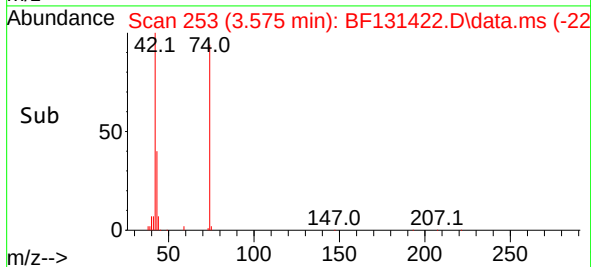
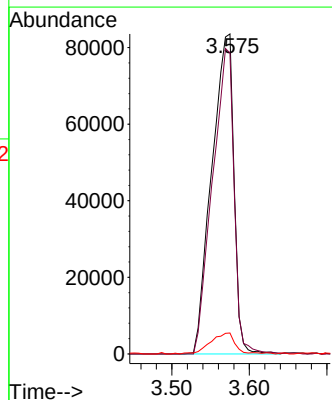
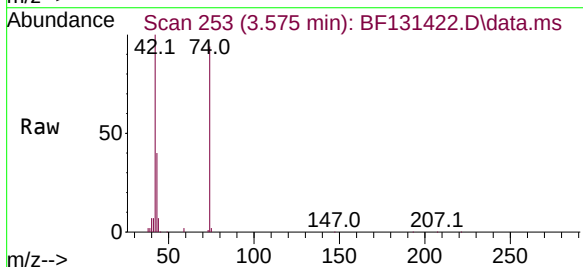
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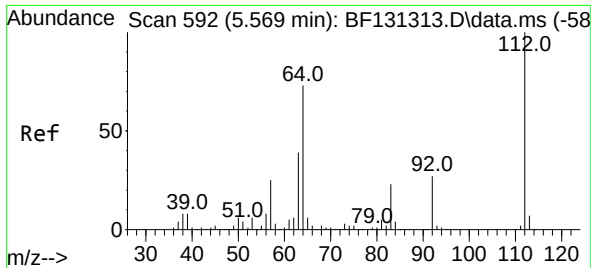
Reviewed By :Christian Giraldo 12/02/2022
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#4
n-Nitrosodimethylamine
Concen: 46.639 ng
RT: 3.575 min Scan# 253
Delta R.T. 0.076 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Tgt Ion: 42 Resp: 166117
Ion Ratio Lower Upper
42 100
74 94.0 78.0 117.0
44 6.5 5.2 7.8





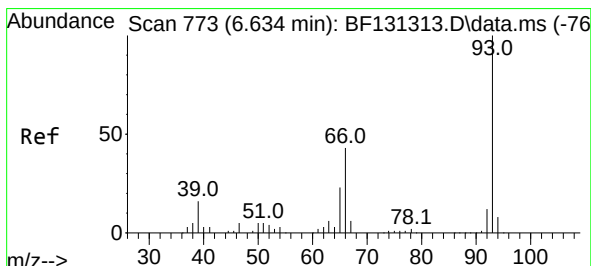
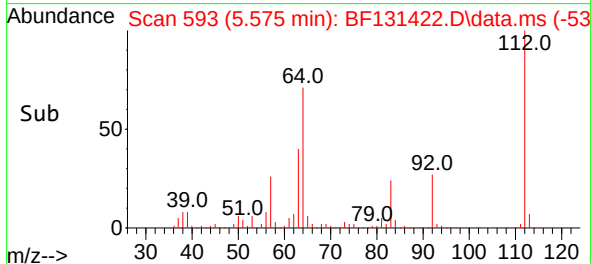
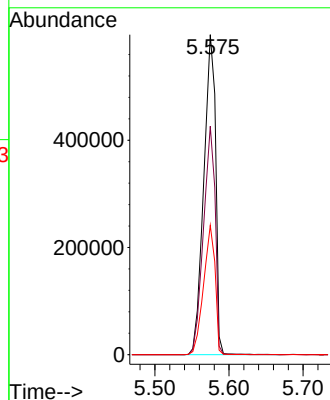
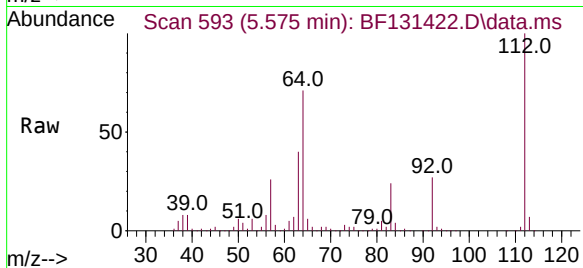
#5
2-Fluorophenol
Concen: 144.921 ng
RT: 5.575 min Scan# 592
Delta R.T. 0.017 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

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Tgt Ion:112 Resp: 661194
Ion Ratio Lower Upper
112 100
64 71.4 58.6 88.0
63 40.4 31.4 47.0

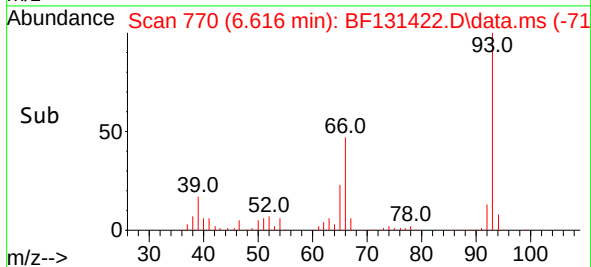
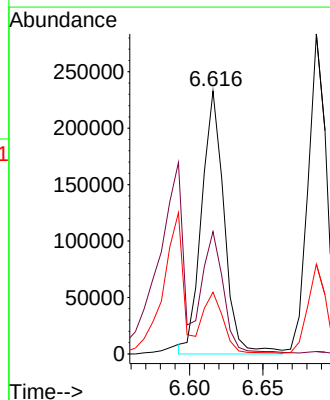
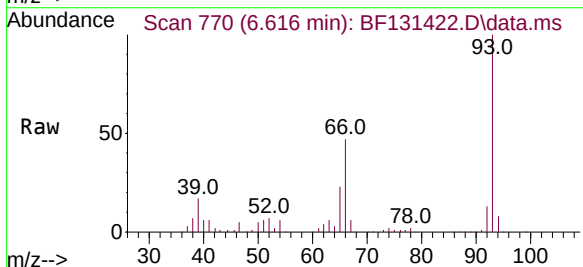
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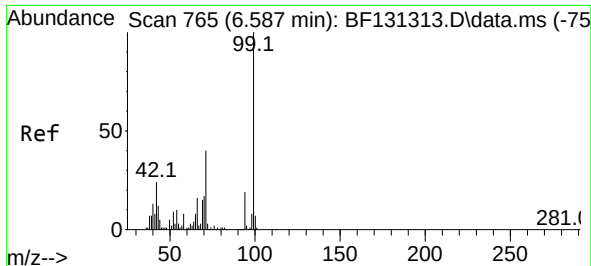
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#6
Aniline
Concen: 32.647 ng m
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF131422.D
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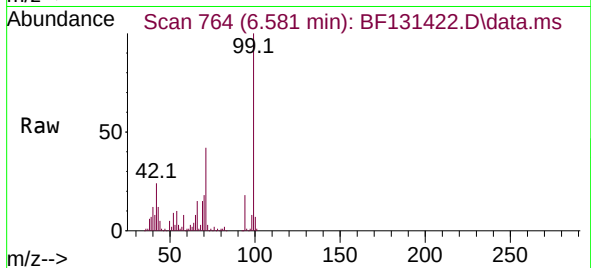
Tgt Ion: 93 Resp: 249059
Ion Ratio Lower Upper
93 100
66 46.5 35.6 53.4
65 23.4 18.4 27.6





#7
Phenol-d6
Concen: 140.201 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF131422.D
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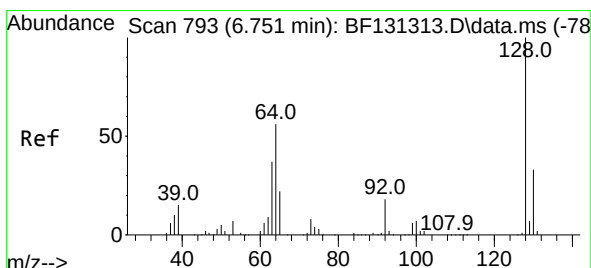
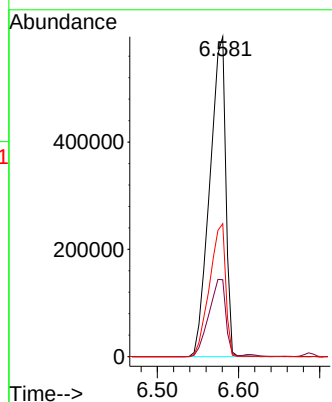
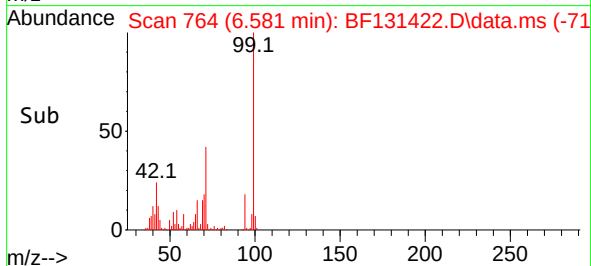
Instrument :
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Tgt Ion: 99 Resp: 816131
Ion Ratio Lower Upper
99 100
42 24.0 19.4 29.2
71 41.5 32.3 48.5

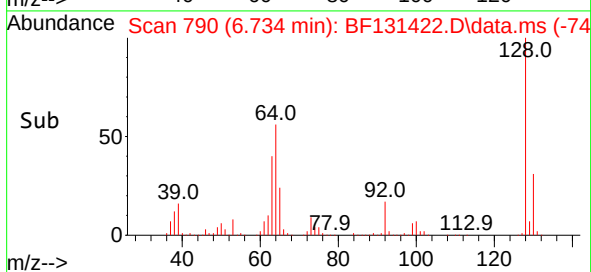
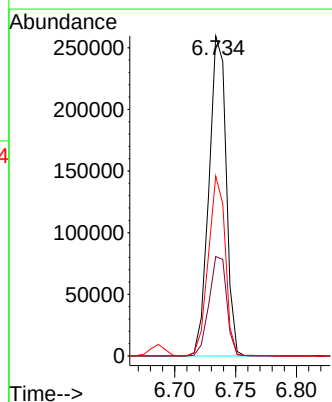
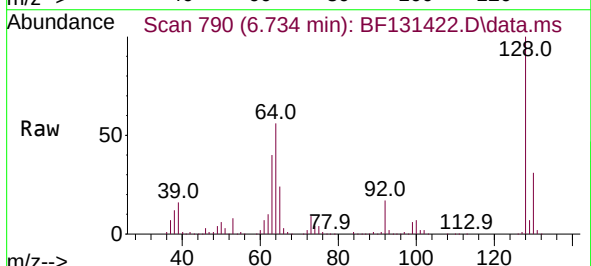
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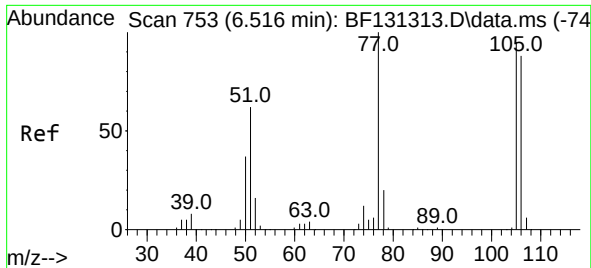
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#8
2-Chlorophenol
Concen: 49.419 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Tgt Ion:128 Resp: 255443
Ion Ratio Lower Upper
128 100
130 31.0 12.5 52.5
64 56.2 36.9 76.9





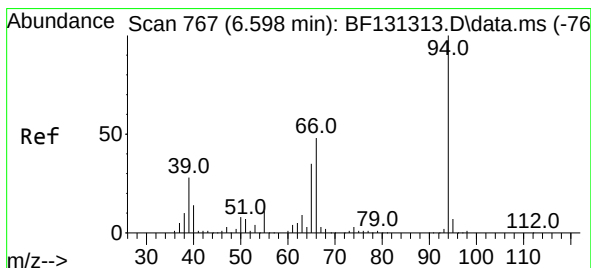
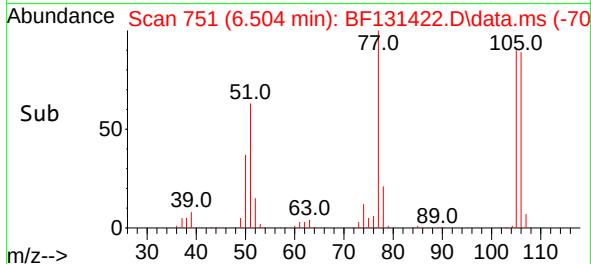
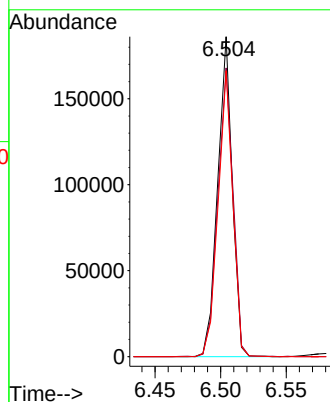
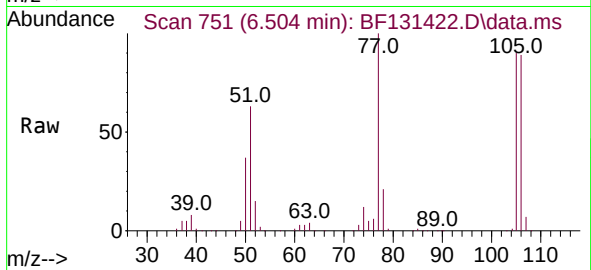
#9
Benzaldehyde
Concen: 40.400 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF131422.D
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Tgt Ion: 77 Resp: 144188
Ion Ratio Lower Upper
77 100
105 90.2 74.5 114.5
106 89.4 68.1 108.1

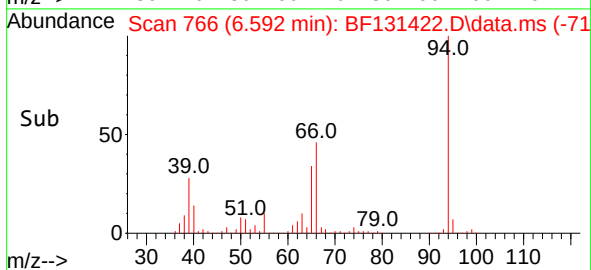
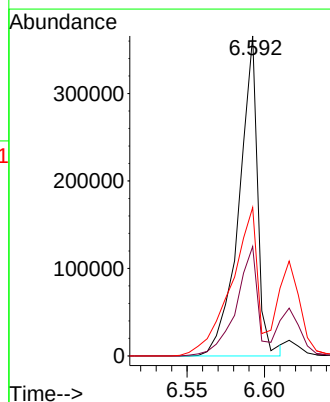
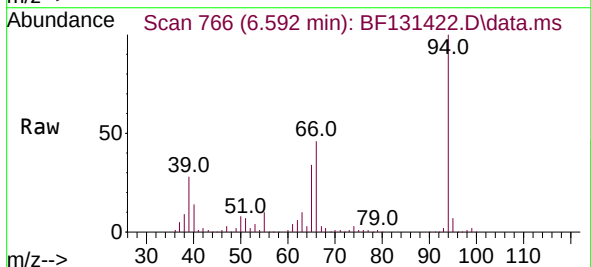
Manual Integrations
APPROVED

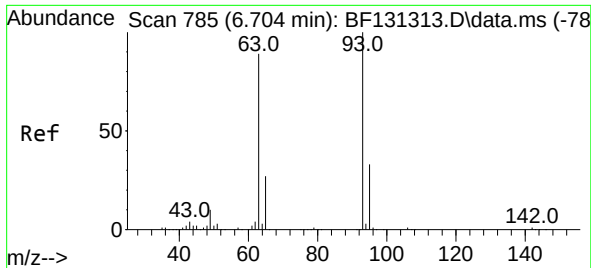
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#10
Phenol
Concen: 47.825 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Tgt Ion: 94 Resp: 308667
Ion Ratio Lower Upper
94 100
65 34.2 15.0 55.0
66 46.4 28.6 68.6





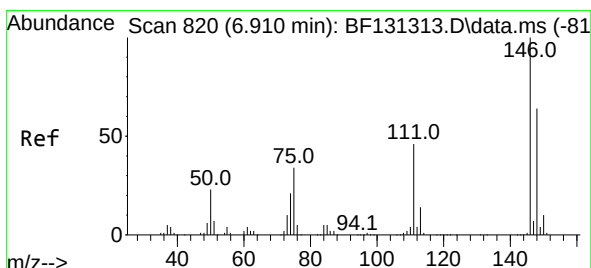
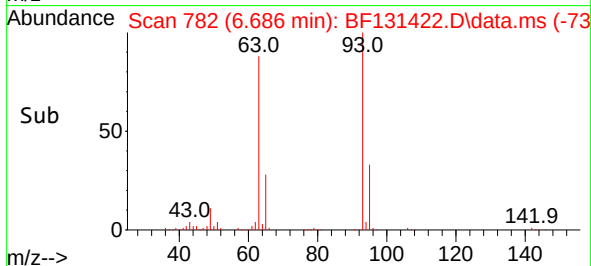
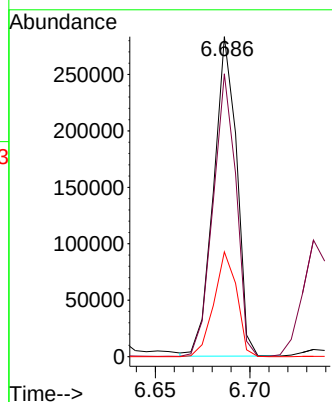
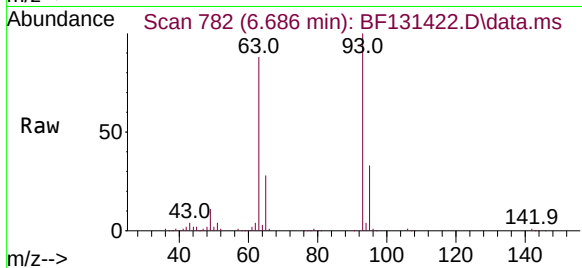
#11
bis(2-Chloroethyl)ether
Concen: 44.483 ng
RT: 6.686 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Instrument :
BNA_F
ClientSampleId :
PB149277BS

Tgt Ion: 93 Resp: 240540
Ion Ratio Lower Upper
93 100
63 88.4 68.6 108.6
95 32.7 13.1 53.1

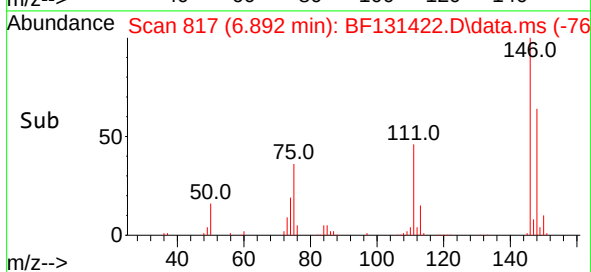
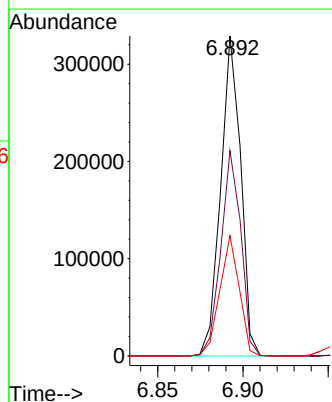
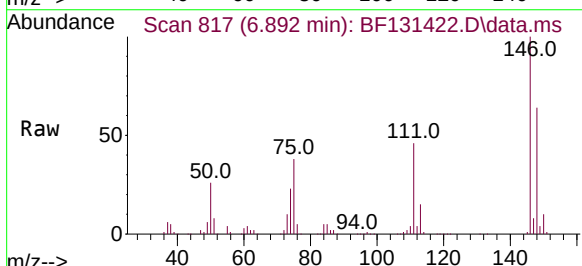
Manual Integrations
APPROVED

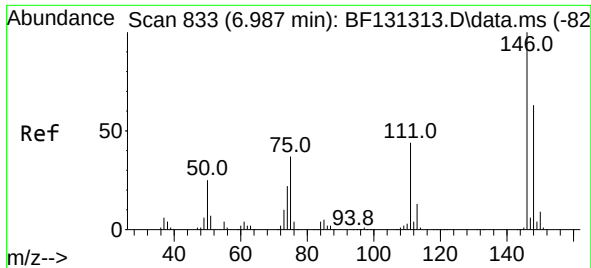
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#12
1,3-Dichlorobenzene
Concen: 43.515 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

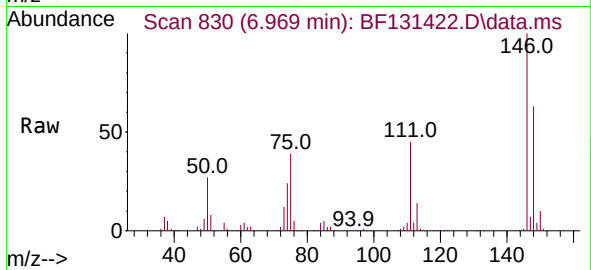
Tgt Ion:146 Resp: 268069
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 37.6 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 43.787 ng
RT: 6.969 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

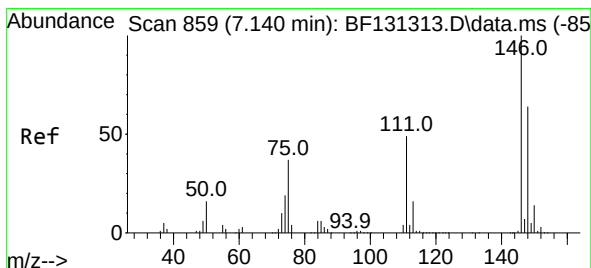
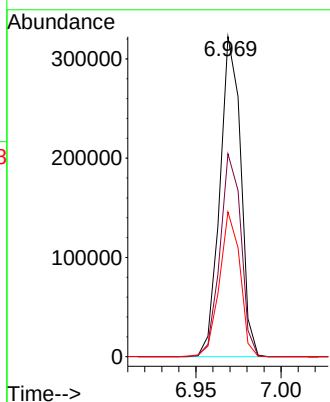
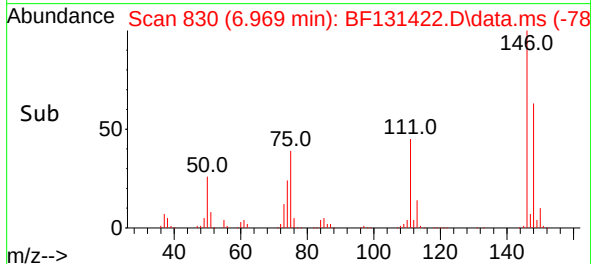
Instrument :
BNA_F
ClientSampleId :
PB149277BS



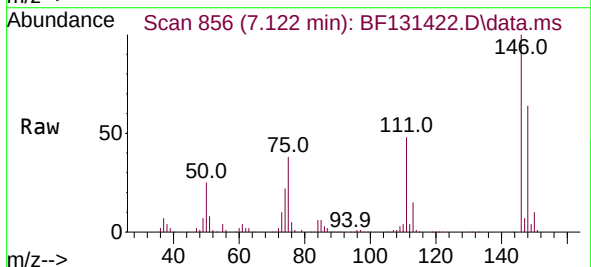
Tgt Ion:146 Resp: 274086
Ion Ratio Lower Upper
146 100
148 63.4 50.2 75.2
111 45.2 35.0 52.6

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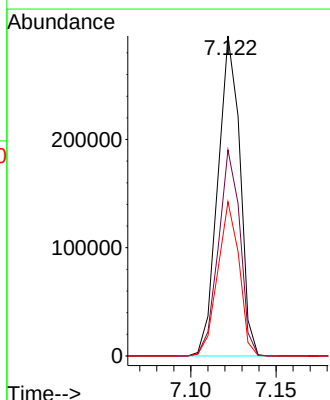
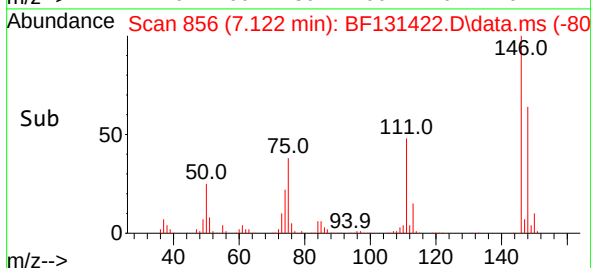
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

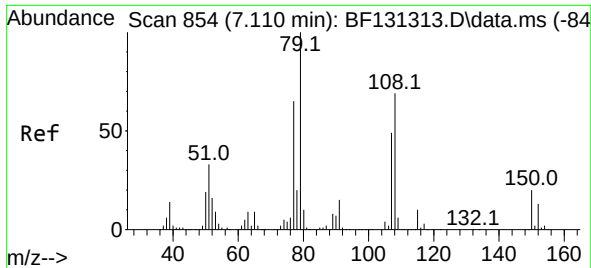


#14
1,2-Dichlorobenzene
Concen: 46.197 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



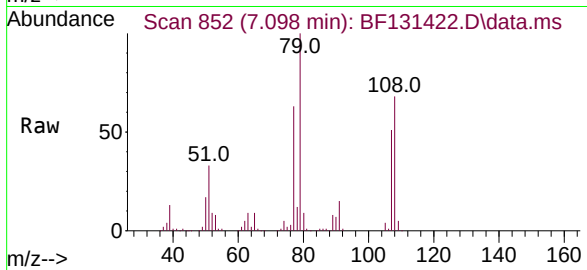
Tgt Ion:146 Resp: 266261
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.0
111 48.2 39.4 59.0





#15
Benzyl Alcohol
Concen: 50.903 ng
RT: 7.098 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

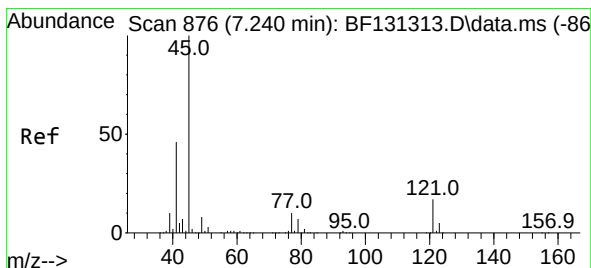
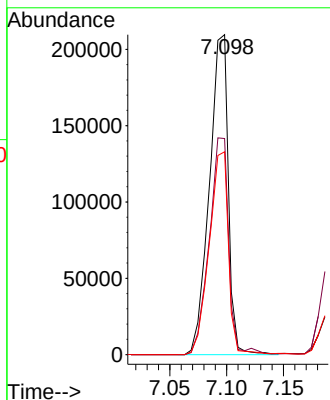
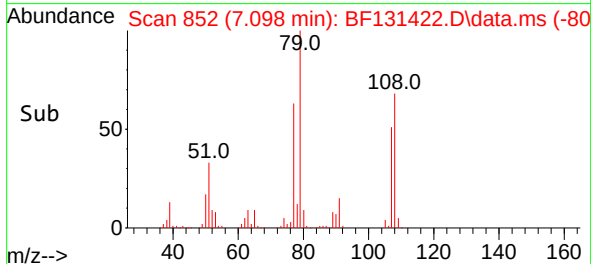
Instrument :
BNA_F
ClientSampleId :
PB149277BS



Tgt Ion: 79 Resp: 242962
Ion Ratio Lower Upper
79 100
108 67.5 55.1 82.7
77 63.4 51.8 77.8

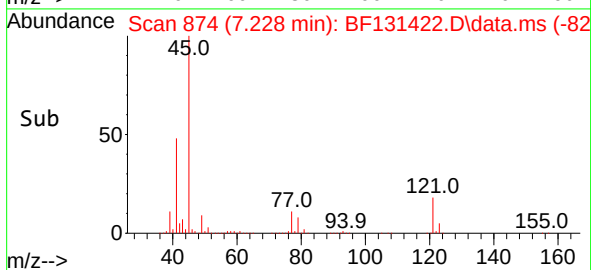
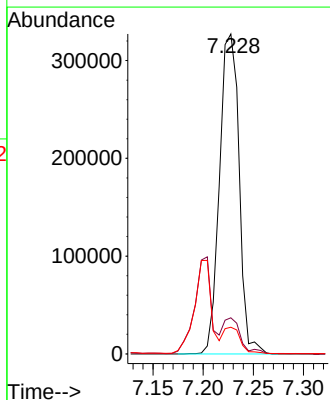
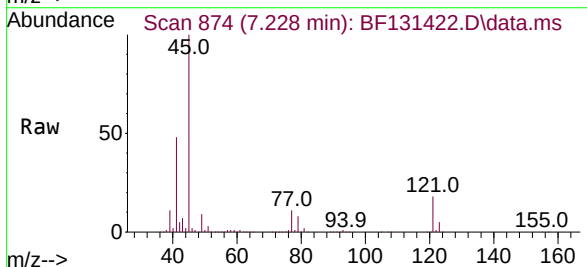
Manual Integrations
APPROVED

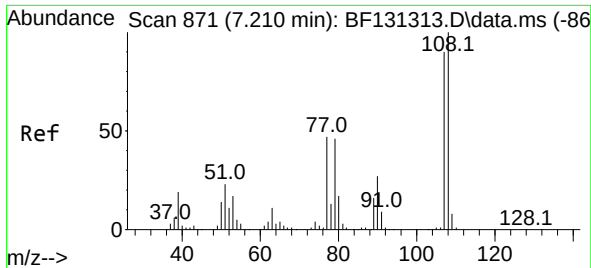
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.992 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

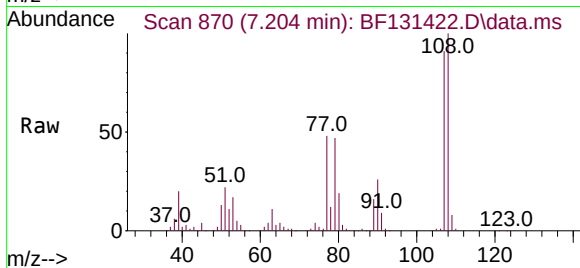
Tgt Ion: 45 Resp: 444599
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.2
79 8.3 0.0 28.4





#17
2-Methylphenol
Concen: 45.965 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

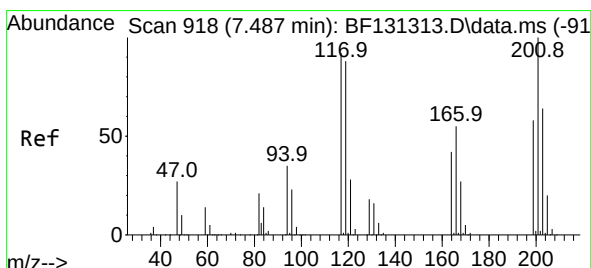
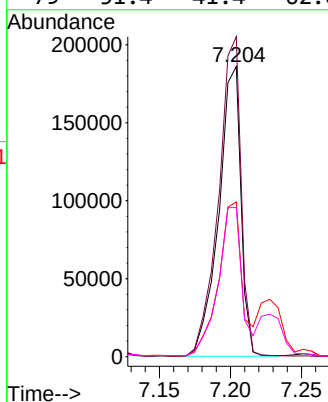
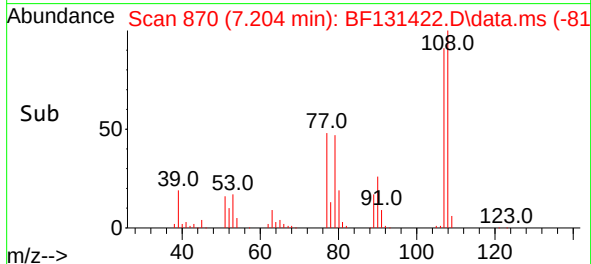
Instrument :
BNA_F
ClientSampleId :
PB149277BS



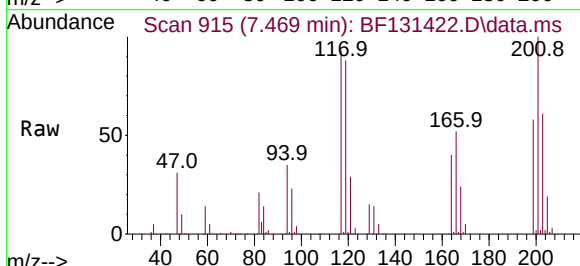
Tgt Ion:107 Resp: 202498
Ion Ratio Lower Upper
107 100
108 110.4 89.0 133.6
77 53.3 42.5 63.7
79 51.4 41.4 62.0

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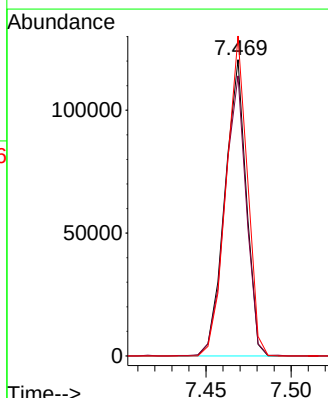
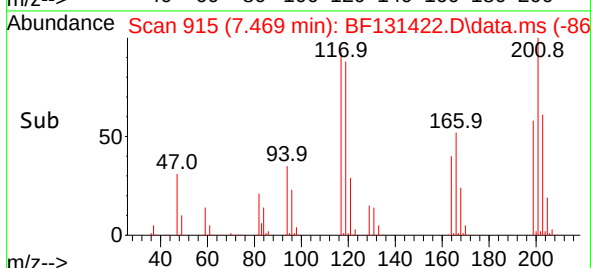
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

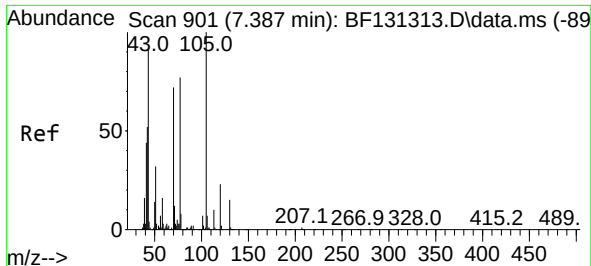


#18
Hexachloroethane
Concen: 47.019 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



Tgt Ion:117 Resp: 105285
Ion Ratio Lower Upper
117 100
119 94.5 76.6 115.0
201 108.0 87.0 130.6





#19

n-Nitroso-di-n-propylamine

Concen: 44.507 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF131422.D

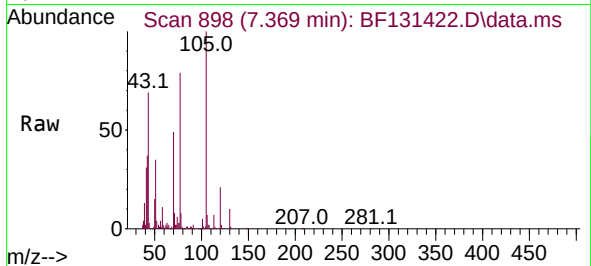
Acq: 28 Nov 2022 10:38

Instrument :

BNA_F

ClientSampleId :

PB149277BS



Tgt Ion: 70 Resp: 189662

Ion Ratio Lower Upper

70 100

42 75.0 57.6 86.4

101 10.0 8.2 12.2

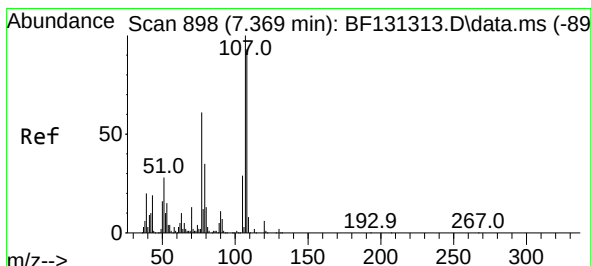
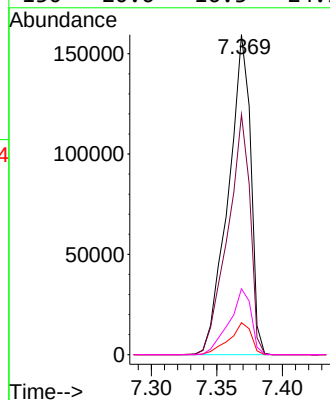
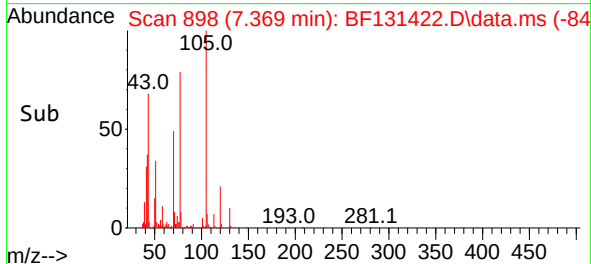
130 20.6 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/02/2022

Supervised By :mohammad ahmed 12/02/2022



#20

3+4-Methylphenols

Concen: 45.285 ng m

RT: 7.357 min Scan# 896

Delta R.T. -0.000 min

Lab File: BF131422.D

Acq: 28 Nov 2022 10:38

Tgt Ion:107 Resp: 254728

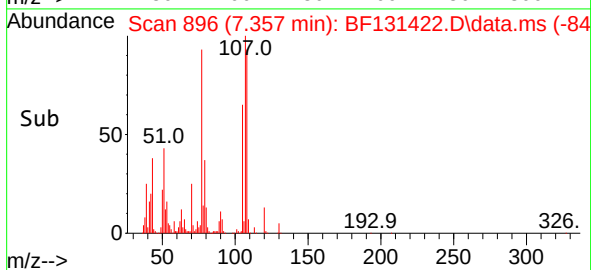
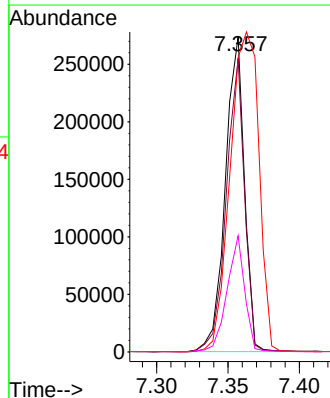
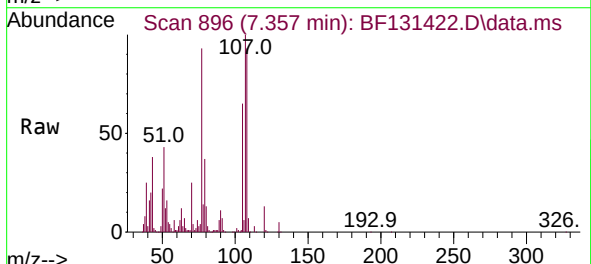
Ion Ratio Lower Upper

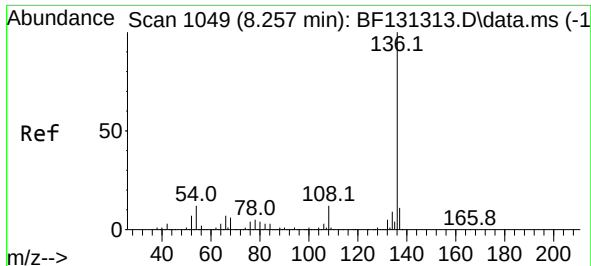
107 100

108 93.1 72.6 112.6

77 93.3 41.4 81.4#

79 36.8 15.1 55.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Instrument :

BNA_F

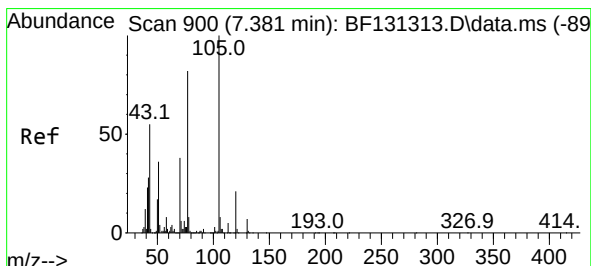
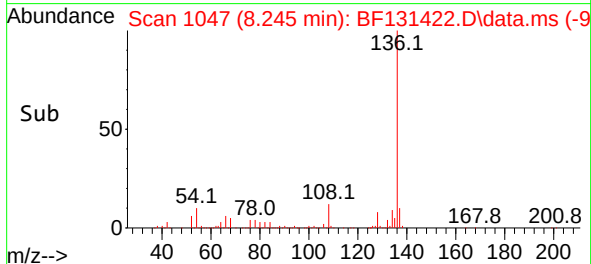
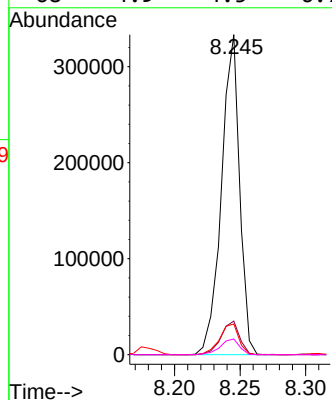
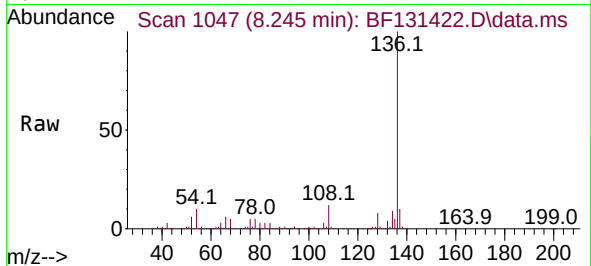
ClientSampleId :

PB149277BS

Tgt Ion:136 Resp: 320955
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 9.6 9.4 14.0
68 4.9 4.5 6.7

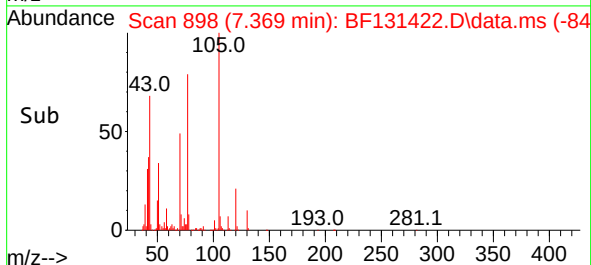
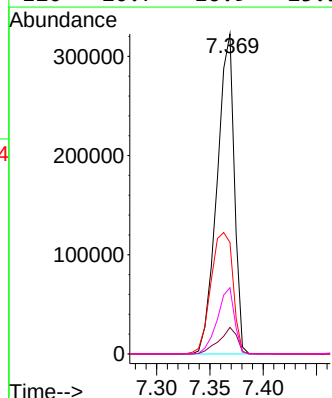
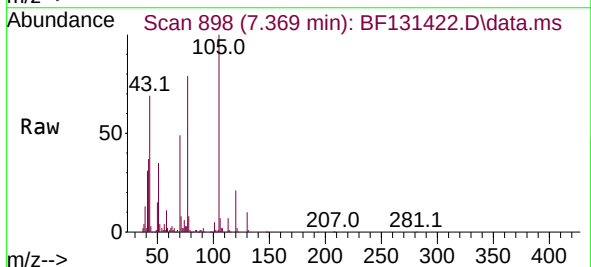
Manual Integrations
APPROVED

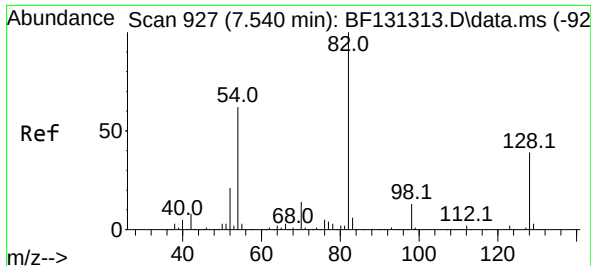
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#22
Acetophenone
Concen: 44.628 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

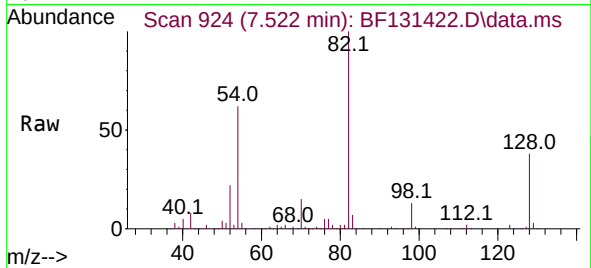
Tgt Ion:105 Resp: 364596
Ion Ratio Lower Upper
105 100
71 8.3 4.9 7.3#
51 34.8 29.0 43.4
120 20.7 16.9 25.3





#23
Nitrobenzene-d5
Concen: 86.683 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

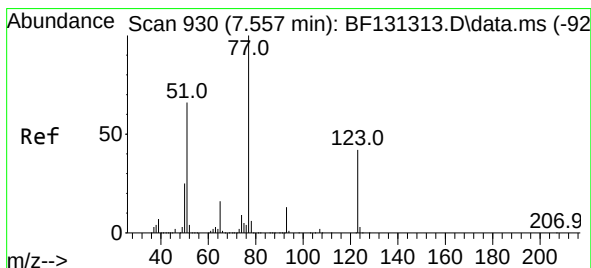
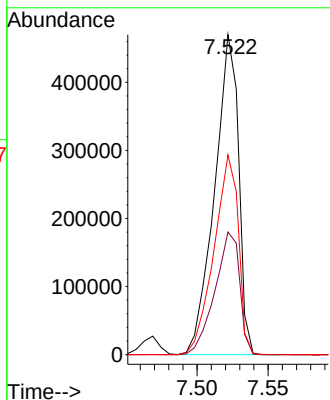
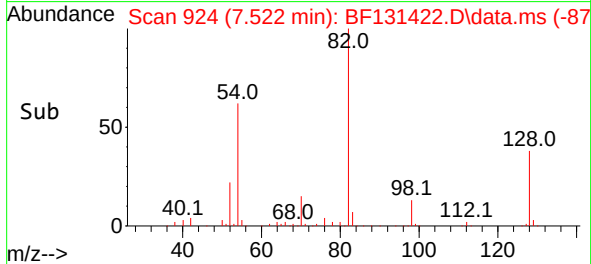
Instrument :
BNA_F
ClientSampleId :
PB149277BS



Tgt Ion: 82 Resp: 551915
Ion Ratio Lower Upper
82 100
128 38.3 31.4 47.0
54 62.4 49.8 74.6

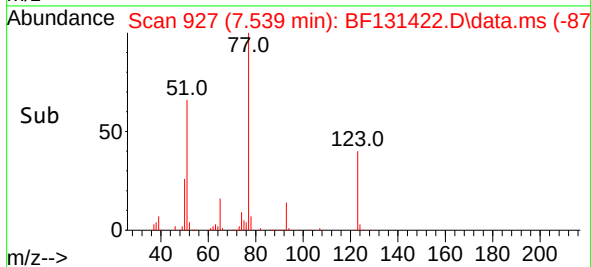
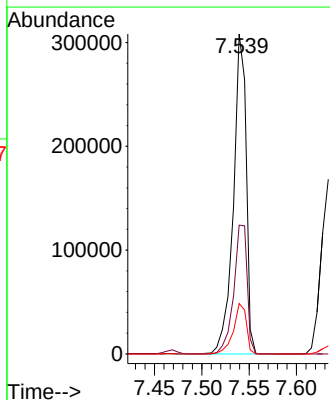
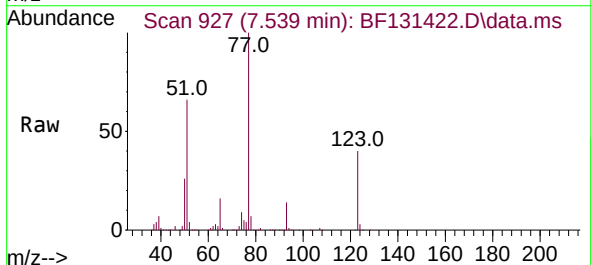
Manual Integrations
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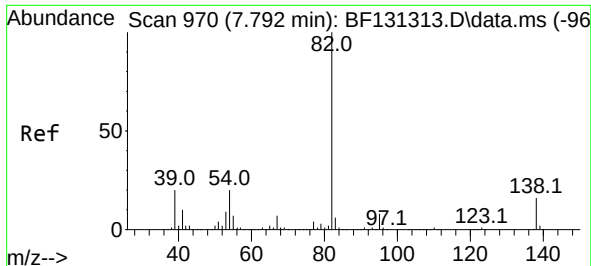
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#24
Nitrobenzene
Concen: 43.948 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Tgt Ion: 77 Resp: 291541
Ion Ratio Lower Upper
77 100
123 40.2 33.3 49.9
65 15.7 12.7 19.1





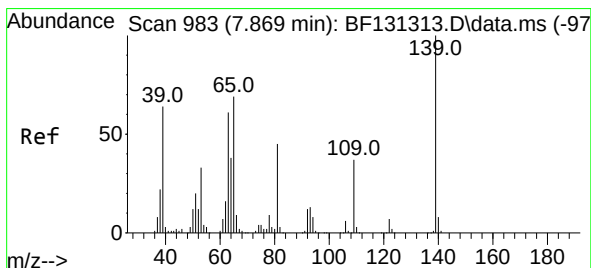
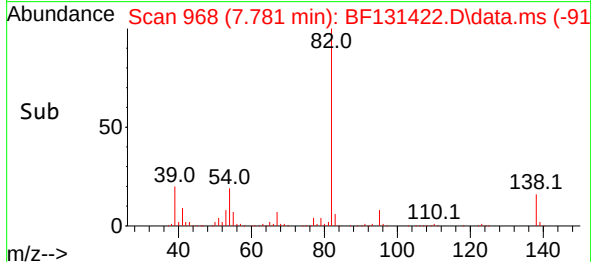
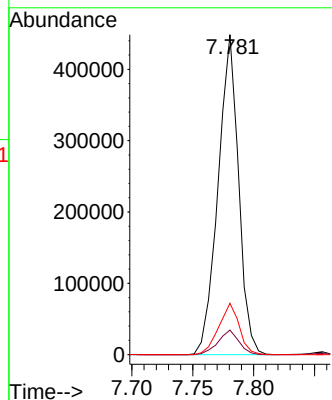
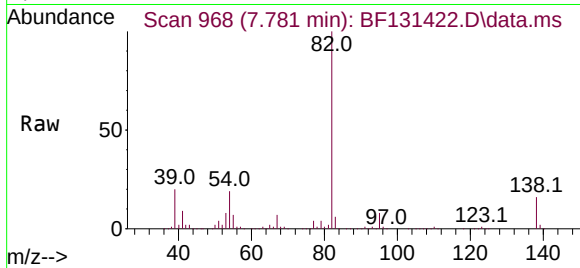
#25
Isophorone
Concen: 46.234 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Instrument :
BNA_F
ClientSampleId :
PB149277BS

Tgt Ion: 82 Resp: 525193
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 16.0 12.7 19.1

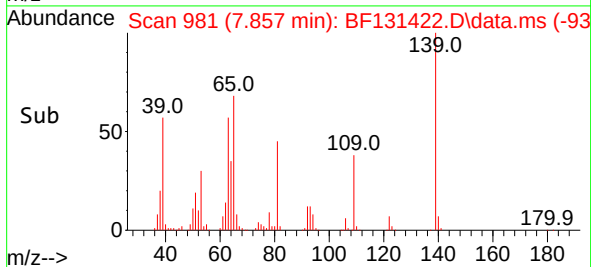
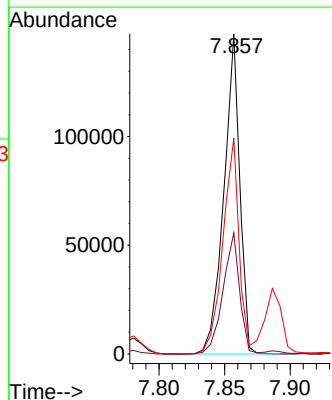
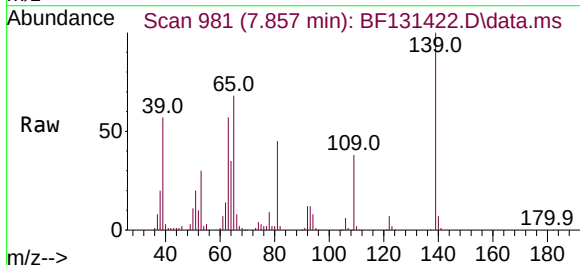
Manual Integrations
APPROVED

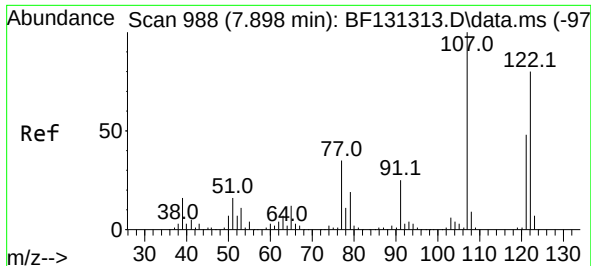
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#26
2-Nitrophenol
Concen: 56.262 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Tgt Ion:139 Resp: 124809
Ion Ratio Lower Upper
139 100
109 37.8 29.9 44.9
65 67.5 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 51.463 ng

RT: 7.886 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF131422.D

Acq: 28 Nov 2022 10:38

Instrument :

BNA_F

ClientSampleId :

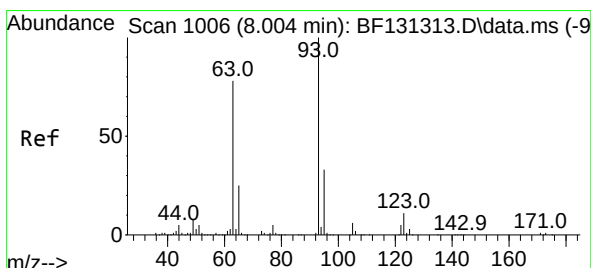
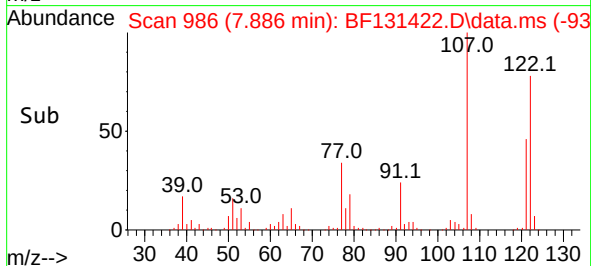
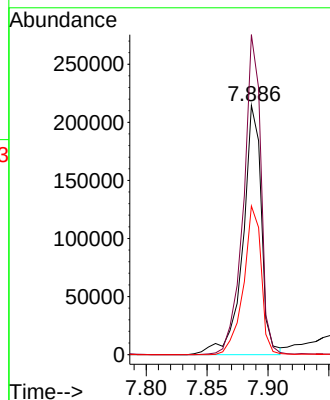
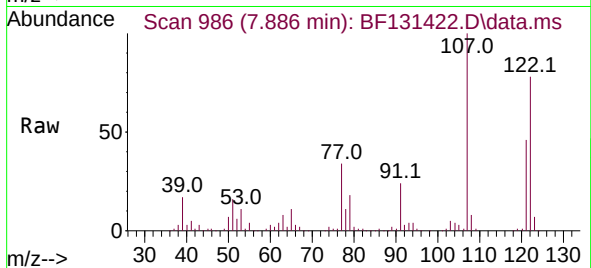
PB149277BS

Tgt Ion:122 Resp: 226626
 Ion Ratio Lower Upper
 122 100
 107 128.4 99.9 149.9
 121 59.6 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: 46.201 ng

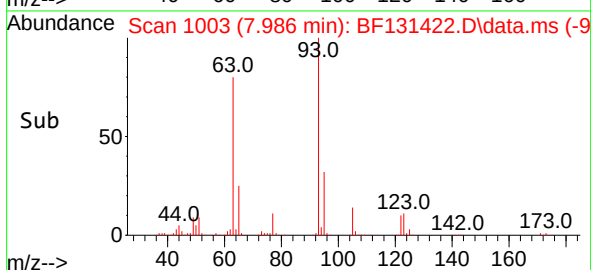
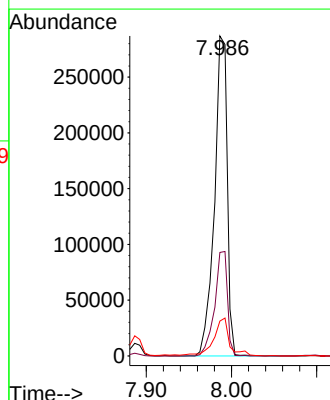
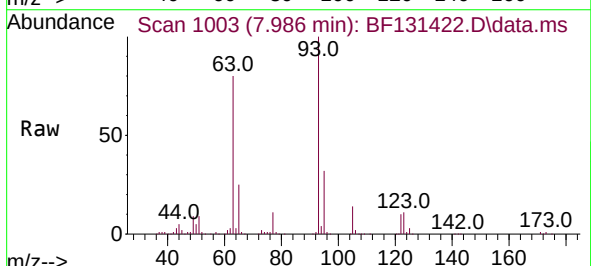
RT: 7.986 min Scan# 1003

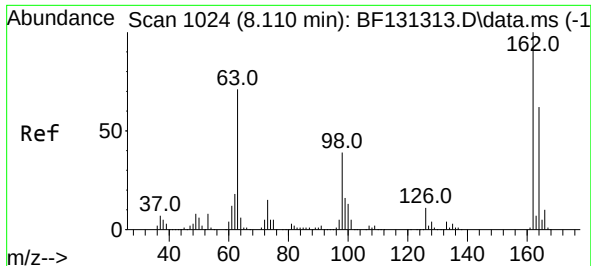
Delta R.T. -0.006 min

Lab File: BF131422.D

Acq: 28 Nov 2022 10:38

Tgt Ion: 93 Resp: 298084
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.4 39.6
 123 10.9 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 46.087 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BF131422.D

Acq: 28 Nov 2022 10:38

Instrument :

BNA_F

ClientSampleId :

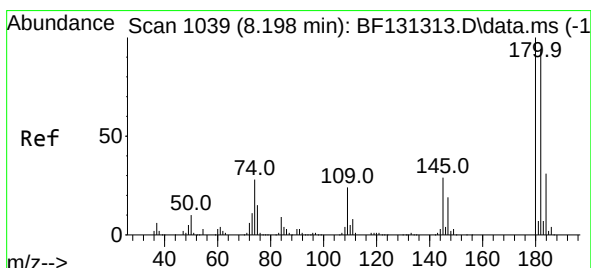
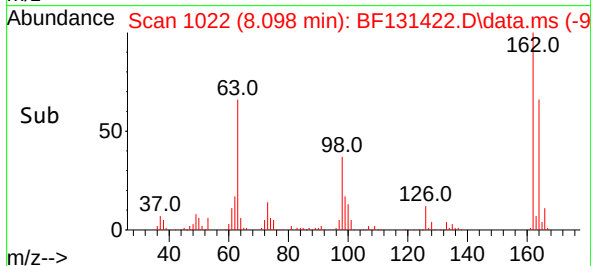
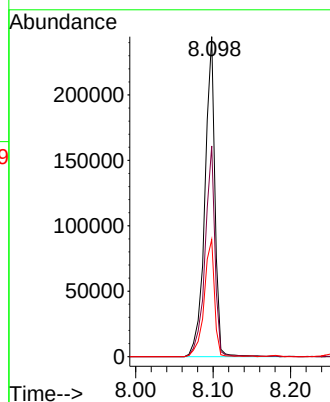
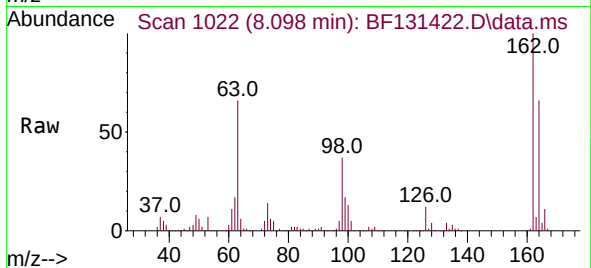
PB149277BS

Tgt Ion:	162	Resp:	22014
Ion Ratio	Lower	Upper	
162	100		
164	65.8	42.2	82.2
98	36.6	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: 42.354 ng

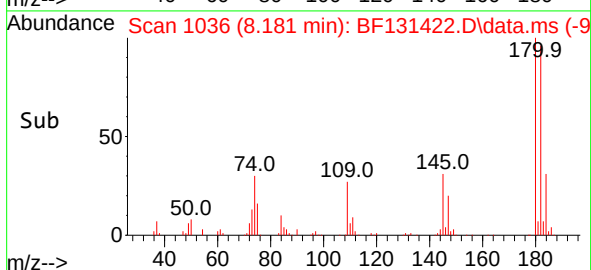
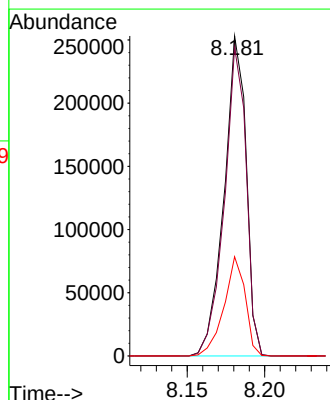
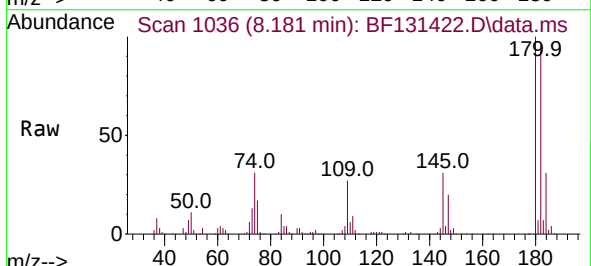
RT: 8.181 min Scan# 1036

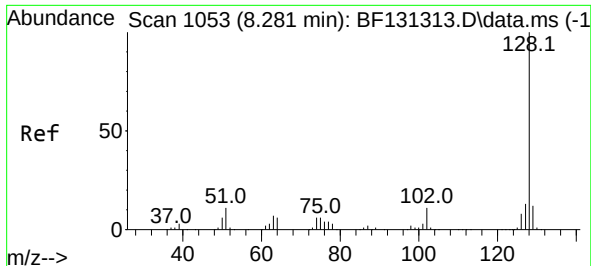
Delta R.T. -0.000 min

Lab File: BF131422.D

Acq: 28 Nov 2022 10:38

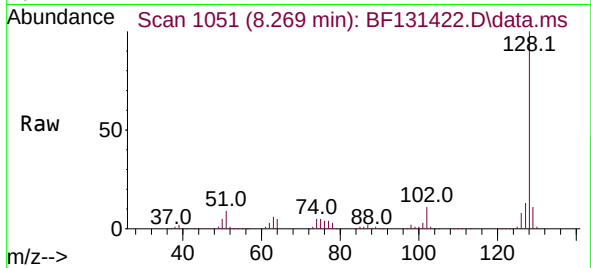
Tgt Ion:	180	Resp:	250626
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.3	112.9
145	31.0	23.4	35.0





#31
Naphthalene
Concen: 41.973 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

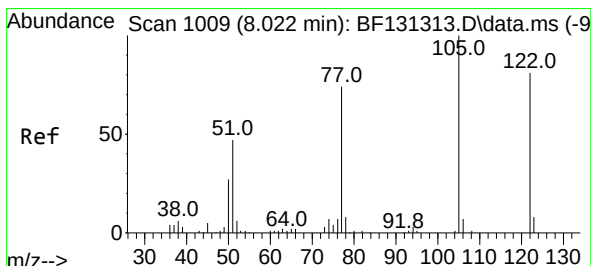
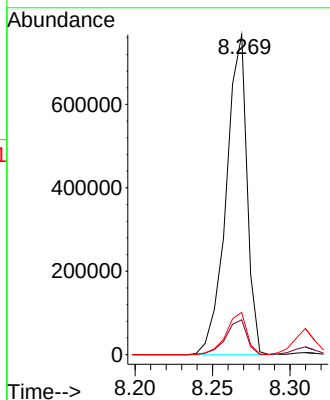
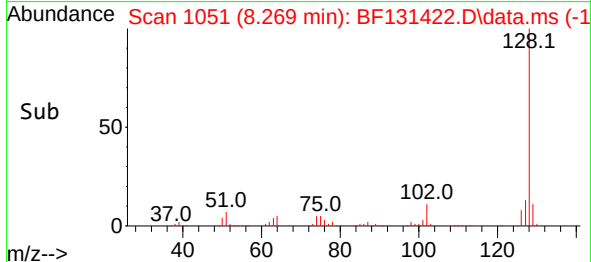
Instrument :
BNA_F
ClientSampleId :
PB149277BS



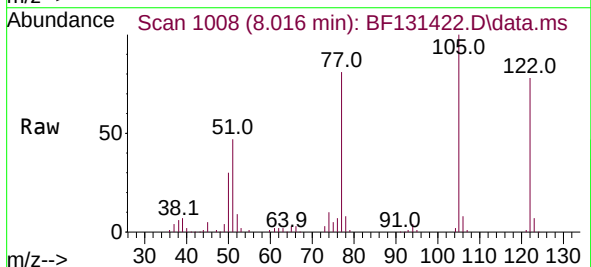
Tgt Ion:128 Resp: 71788
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.2 10.6 16.0

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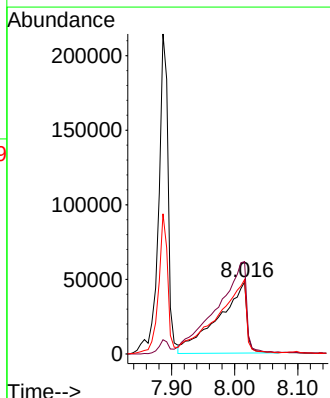
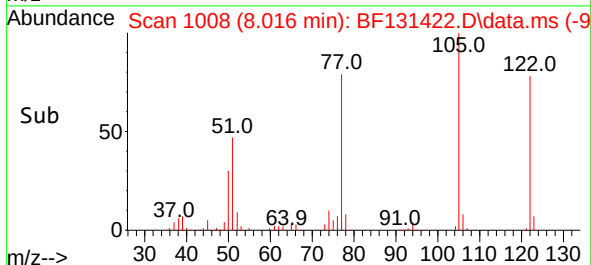
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

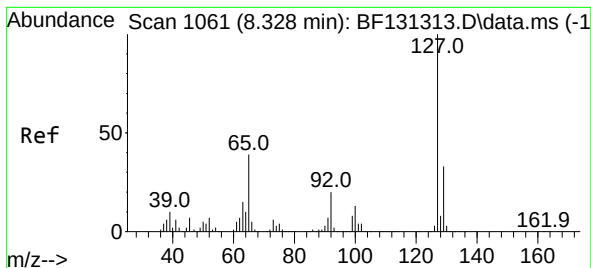


#32
Benzoic acid
Concen: 52.714 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.012 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



Tgt Ion:122 Resp: 150365
Ion Ratio Lower Upper
122 100
105 128.1 103.8 143.8
77 103.2 74.3 114.3





#33

4-Chloroaniline

Concen: 9.817 ng

RT: 8.310 min Scan# 1061

Delta R.T. -0.006 min

Lab File: BF131422.D

Acq: 28 Nov 2022 10:38

Instrument :

BNA_F

ClientSampleId :

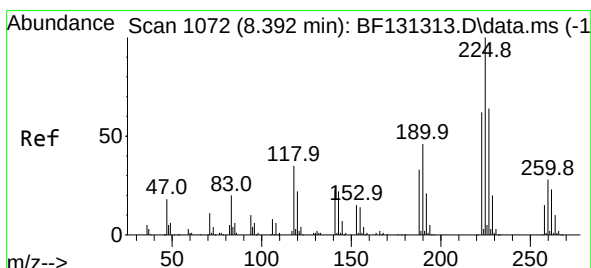
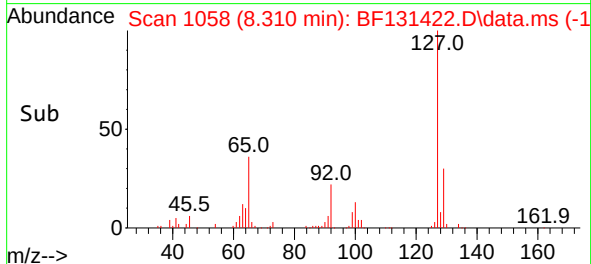
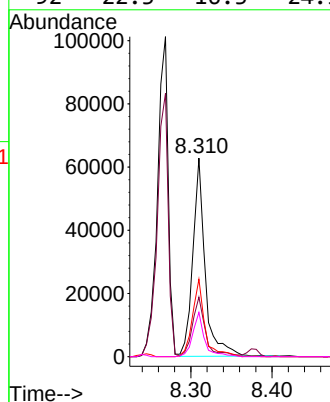
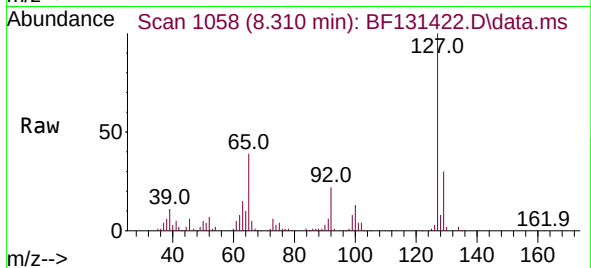
PB149277BS

Tgt Ion:	127	Resp:	6624
Ion Ratio	Lower	Upper	
127	100		
129	30.0	26.4	39.6
65	39.0	31.0	46.6
92	22.3	16.3	24.5

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 42.609 ng

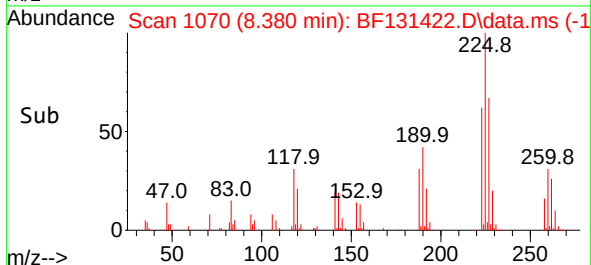
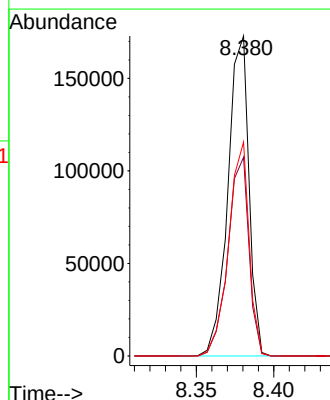
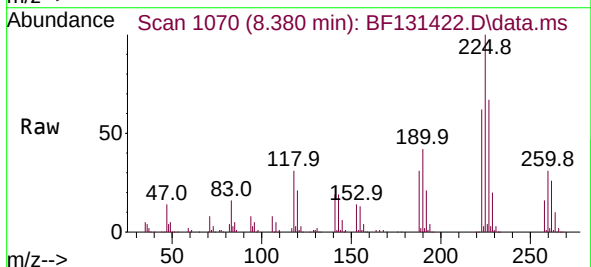
RT: 8.380 min Scan# 1070

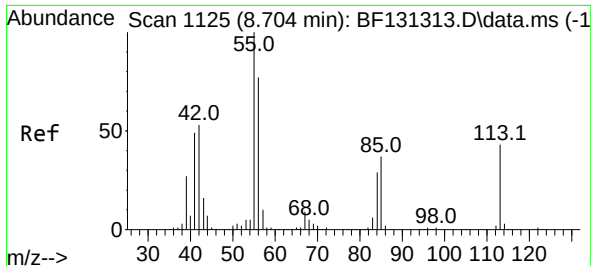
Delta R.T. -0.000 min

Lab File: BF131422.D

Acq: 28 Nov 2022 10:38

Tgt Ion:	225	Resp:	163265
Ion Ratio	Lower	Upper	
225	100		
223	62.1	49.4	74.0
227	66.8	51.1	76.7





#35
 Caprolactam
 Concen: 56.588 ng m
 RT: 8.692 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: BF131422.D
 Acq: 28 Nov 2022 10:38

Instrument :

BNA_F

ClientSampleId :

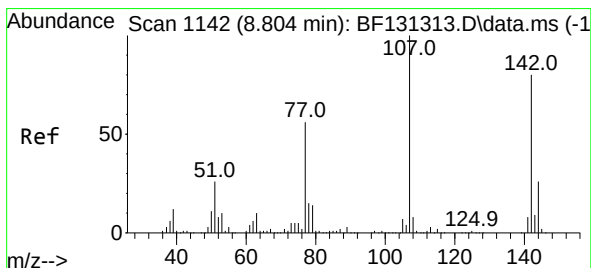
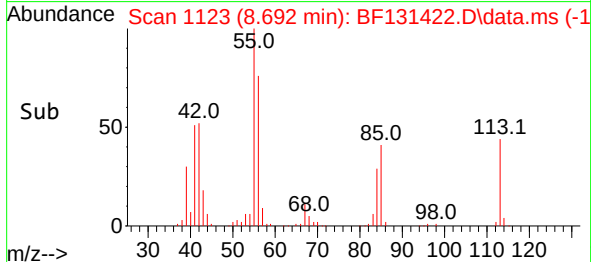
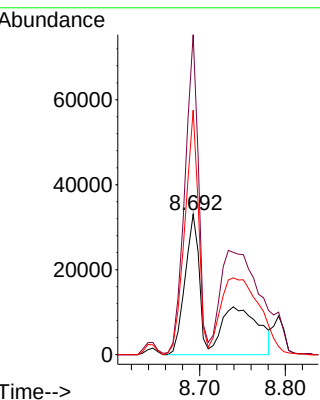
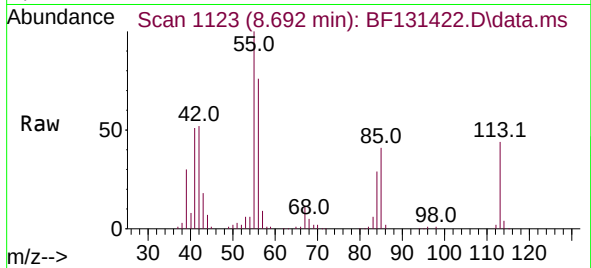
PB149277BS

Tgt Ion:113 Resp: 71036
 Ion Ratio Lower Upper
 113 100
 55 228.2 214.5 254.5
 56 174.3 159.4 199.4

Manual Integrations

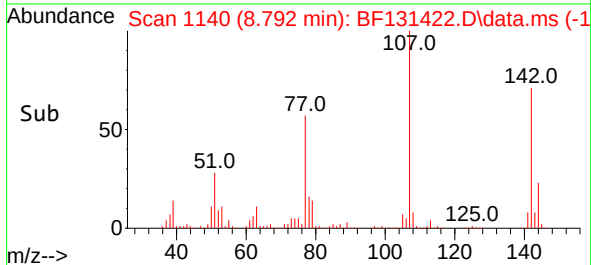
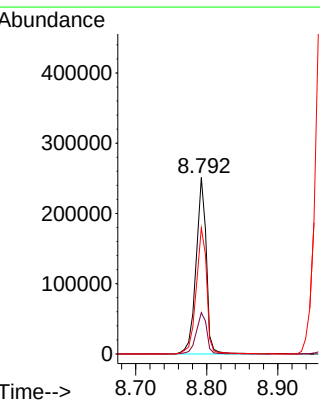
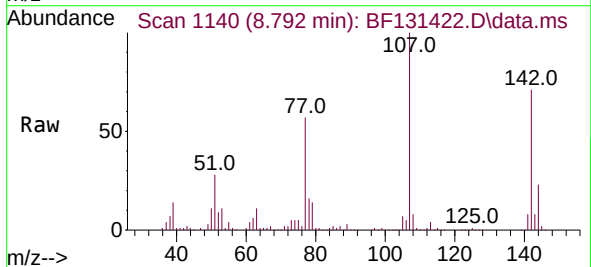
APPROVED

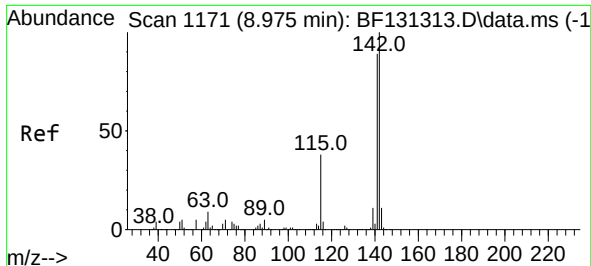
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022



#36
 4-Chloro-3-methylphenol
 Concen: 50.310 ng
 RT: 8.792 min Scan# 1140
 Delta R.T. -0.000 min
 Lab File: BF131422.D
 Acq: 28 Nov 2022 10:38

Tgt Ion:107 Resp: 249672
 Ion Ratio Lower Upper
 107 100
 144 23.4 20.9 31.3
 142 71.5 63.9 95.9





#37

2-Methylnaphthalene

Concen: 42.534 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF131422.D

Acq: 28 Nov 2022 10:38

Instrument :

BNA_F

ClientSampleId :

PB149277BS

Tgt Ion:142 Resp: 492915

Ion Ratio Lower Upper

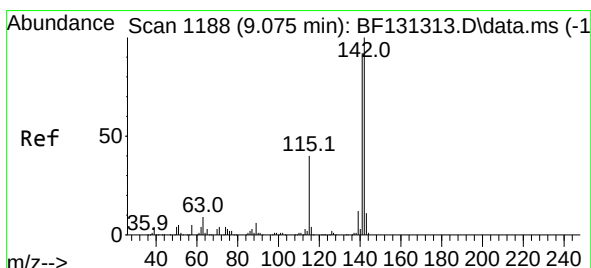
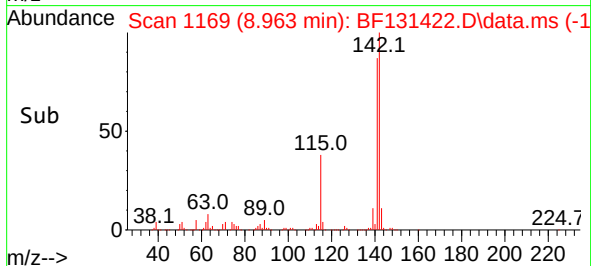
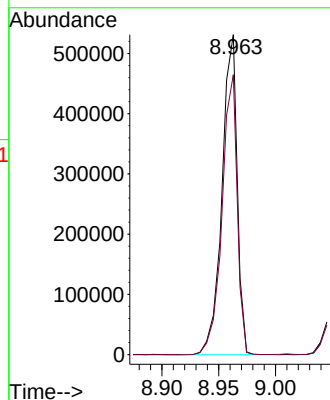
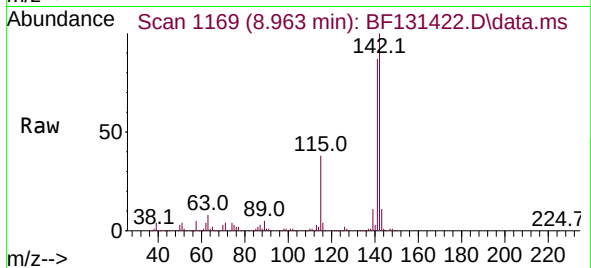
142 100

141 87.5 71.0 106.4

Manual Integrations

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



#38

1-Methylnaphthalene

Concen: 41.136 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF131422.D

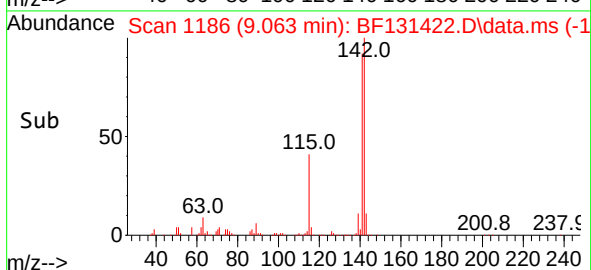
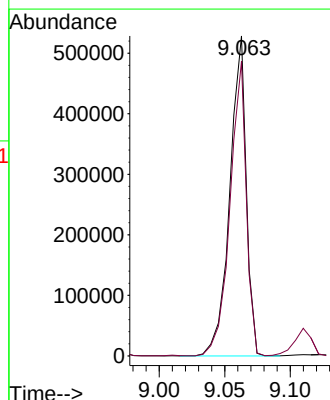
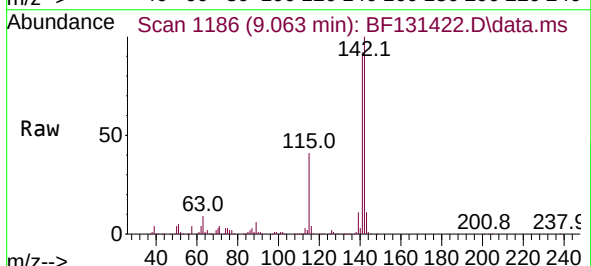
Acq: 28 Nov 2022 10:38

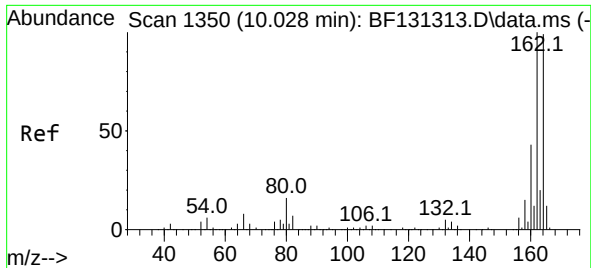
Tgt Ion:142 Resp: 462269

Ion Ratio Lower Upper

142 100

141 92.0 73.4 110.0





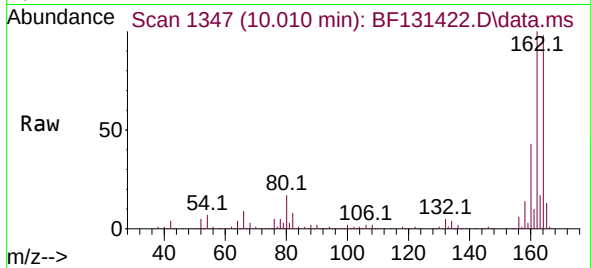
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Instrument :

BNA_F

ClientSampleId :

PB149277BS

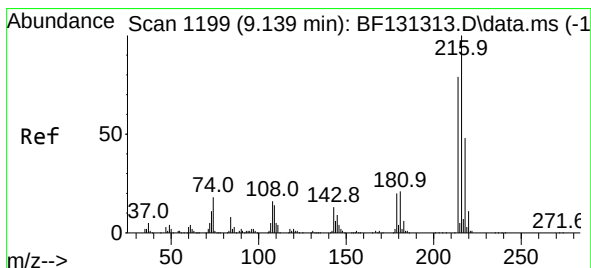
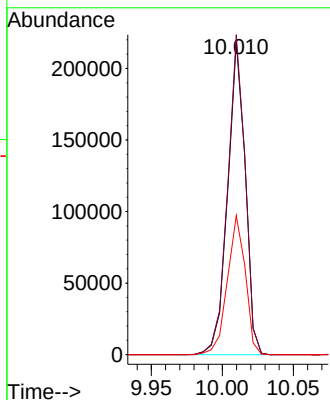
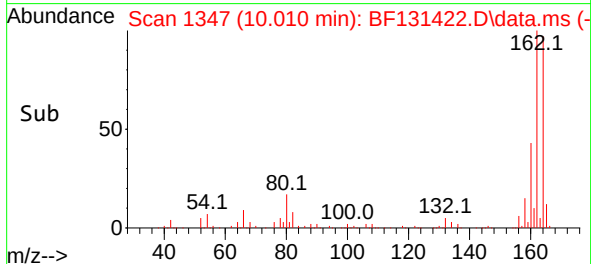


Tgt Ion:164 Resp: 188182
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 44.4 34.4 51.6

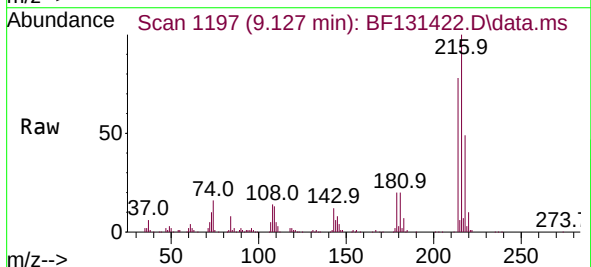
Manual Integrations

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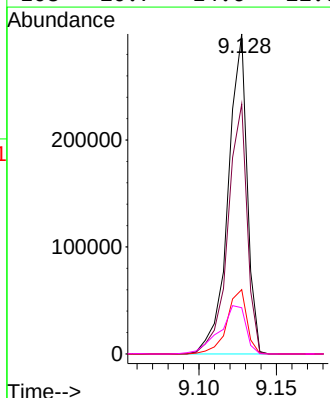
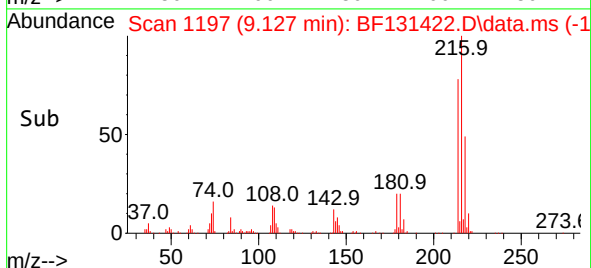
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

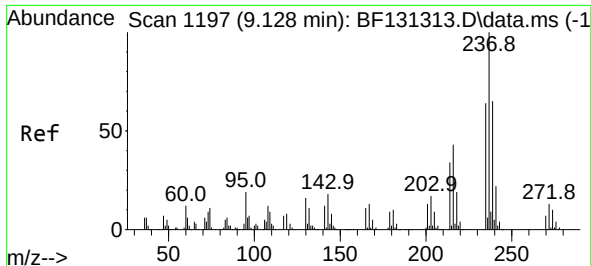


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.024 ng
RT: 9.127 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



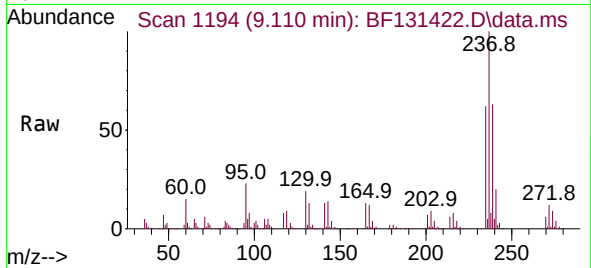
Tgt Ion:216 Resp: 256632
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 20.8 16.2 24.4
108 20.7 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 123.277 ng
RT: 9.110 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

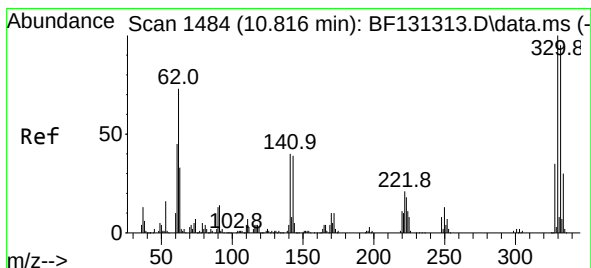
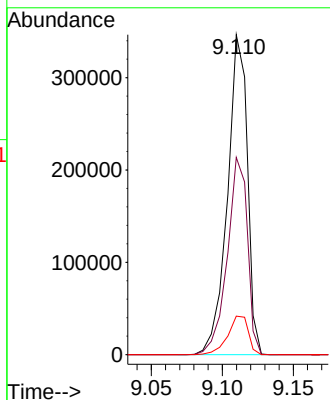
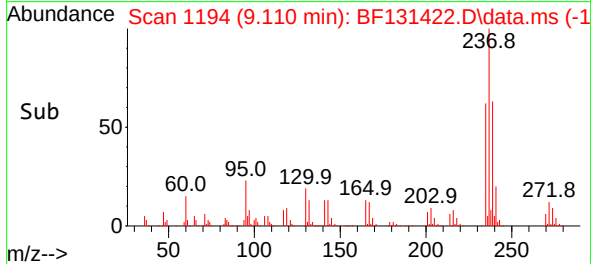
Instrument :
BNA_F
ClientSampleId :
PB149277BS



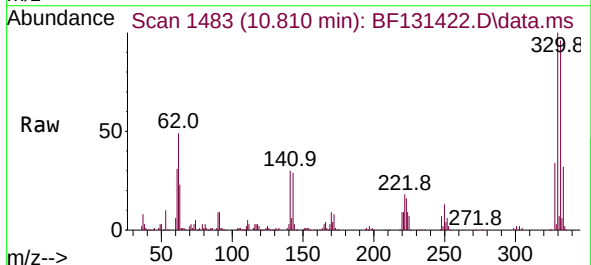
Tgt Ion: 237 Resp: 338426
Ion Ratio Lower Upper
237 100
235 61.7 44.2 84.2
272 12.0 0.0 33.4

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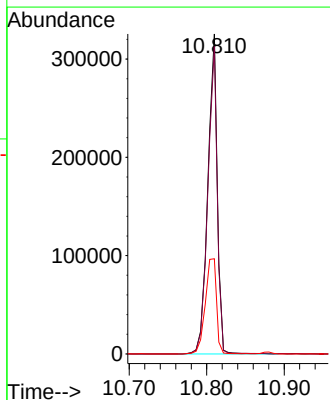
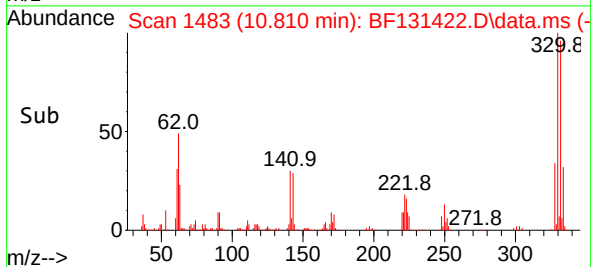
Reviewed By : Christian Giraldo 12/02/2022
Supervised By : mohammad ahmed 12/02/2022

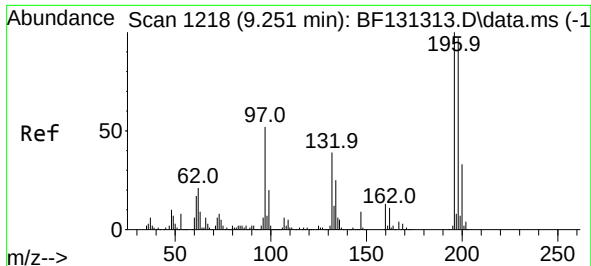


#42
2,4,6-Tribromophenol
Concen: 173.828 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



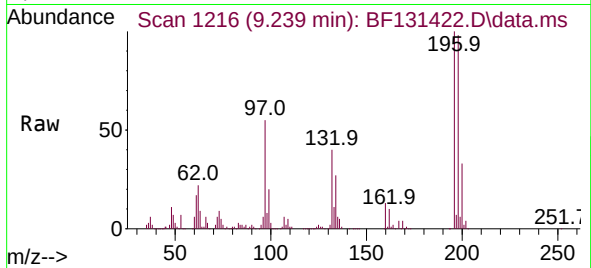
Tgt Ion: 330 Resp: 275202
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 35.3 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 49.855 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

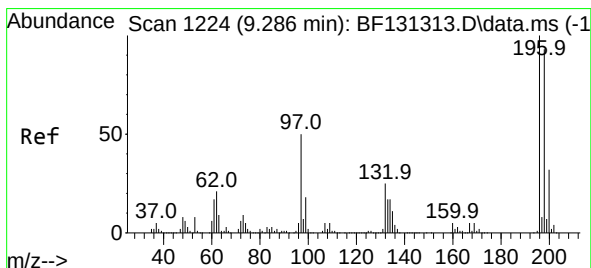
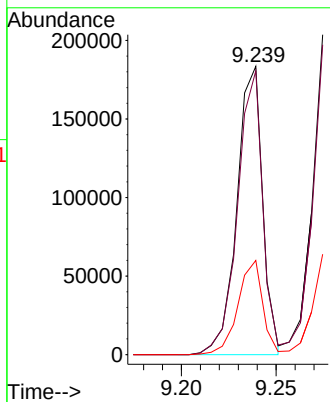
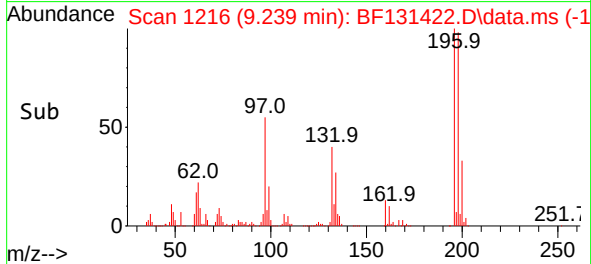
Instrument :
BNA_F
ClientSampleId :
PB149277BS



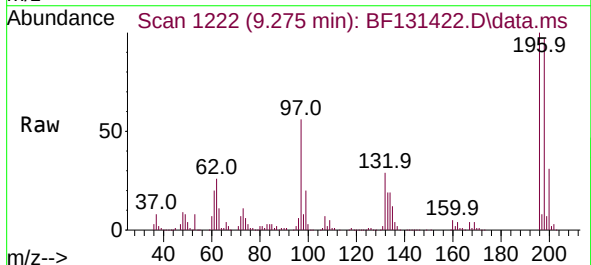
Tgt Ion:196 Resp: 172713
Ion Ratio Lower Upper
196 100
198 98.4 77.4 116.0
200 32.7 26.3 39.5

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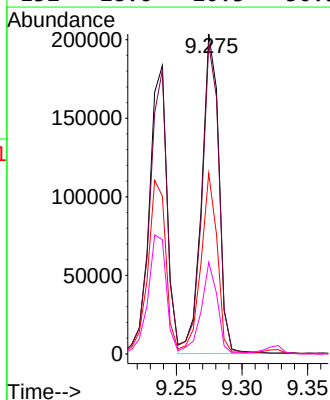
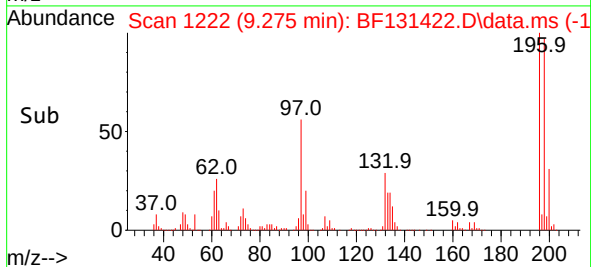
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

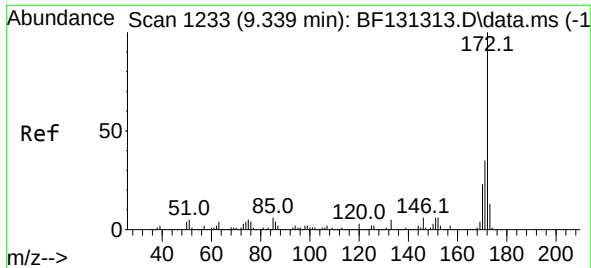


#44
2,4,5-Trichlorophenol
Concen: 47.581 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



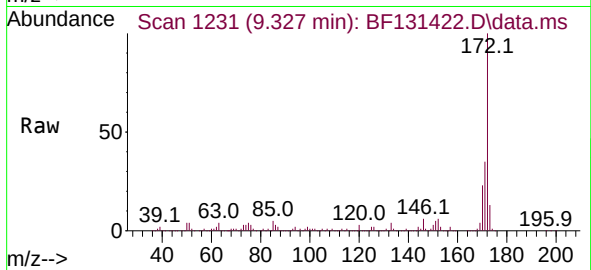
Tgt Ion:196 Resp: 185354
Ion Ratio Lower Upper
196 100
198 96.8 75.0 112.4
97 56.5 40.3 60.5
132 28.6 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 81.231 ng
RT: 9.327 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

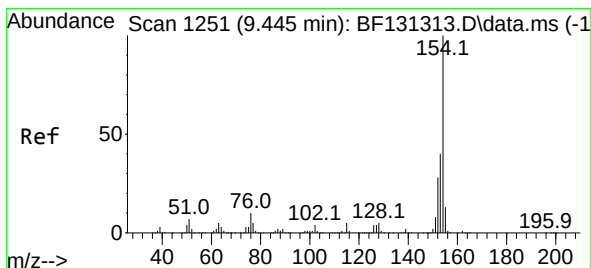
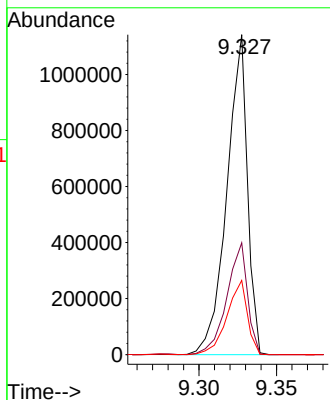
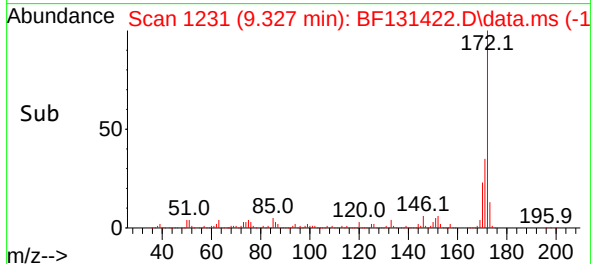
Instrument :
BNA_F
ClientSampleId :
PB149277BS



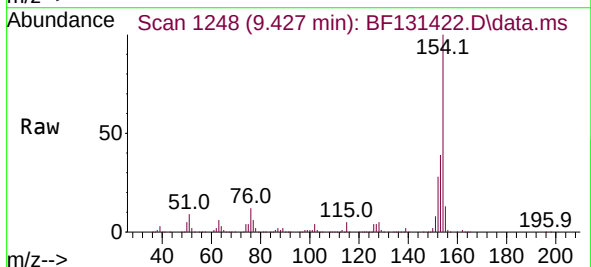
Tgt Ion:172 Resp: 1050724
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.2 18.7 28.1

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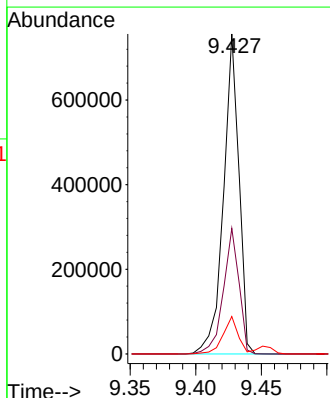
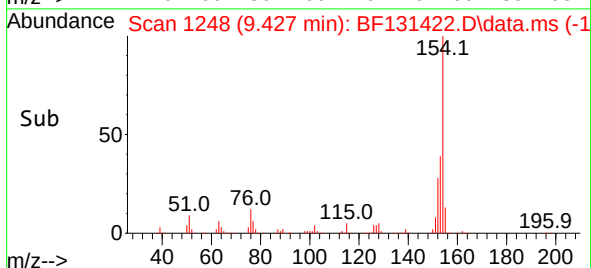
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

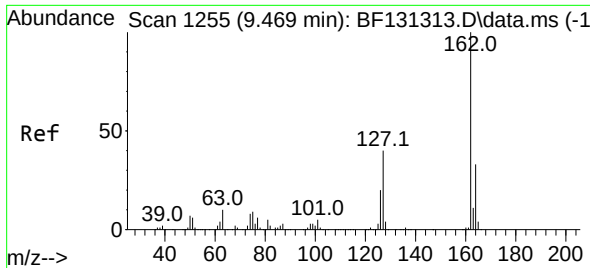


#46
1,1'-Biphenyl
Concen: 43.229 ng
RT: 9.427 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



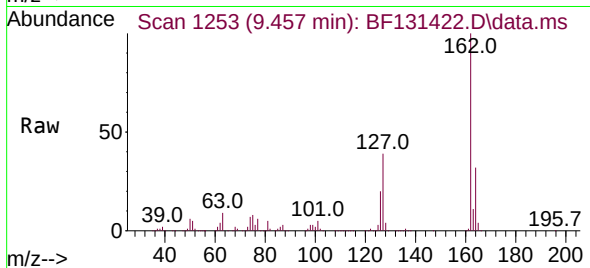
Tgt Ion:154 Resp: 620791
Ion Ratio Lower Upper
154 100
153 39.2 19.8 59.8
76 11.7 0.0 30.2





#47
2-Chloronaphthalene
Concen: 42.101 ng
RT: 9.457 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

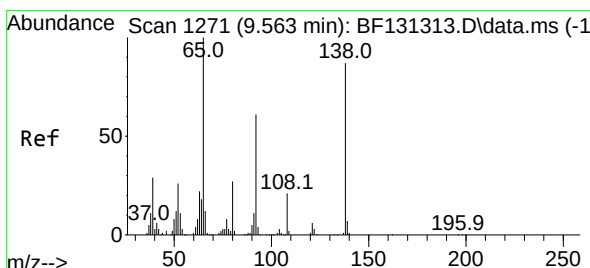
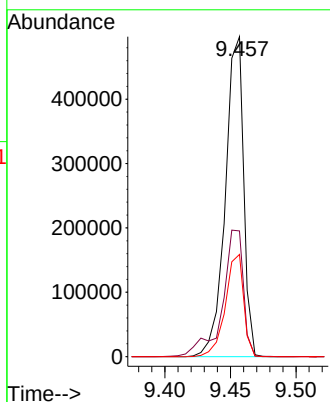
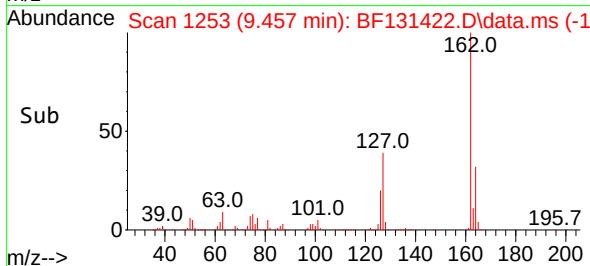
Instrument :
BNA_F
ClientSampleId :
PB149277BS



Tgt Ion:162 Resp: 484998
Ion Ratio Lower Upper
162 100
127 39.3 32.1 48.1
164 31.9 26.6 39.8

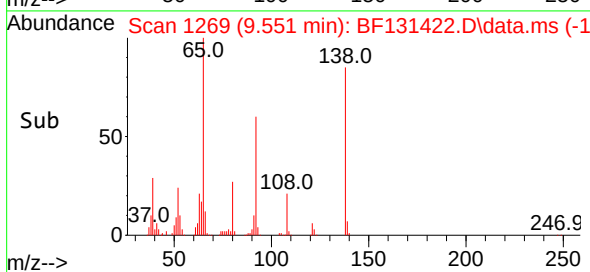
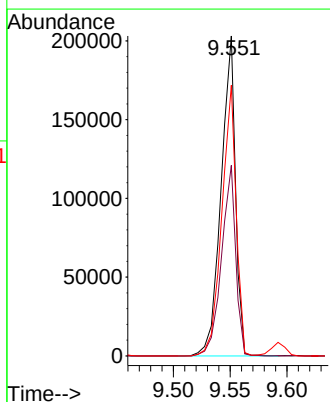
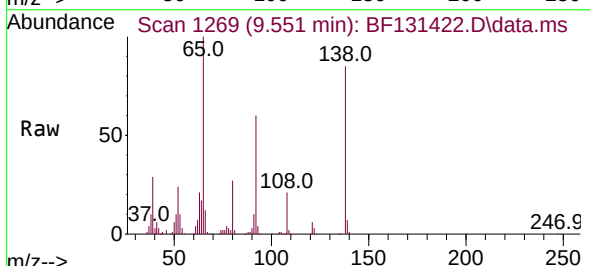
Manual Integrations
APPROVED

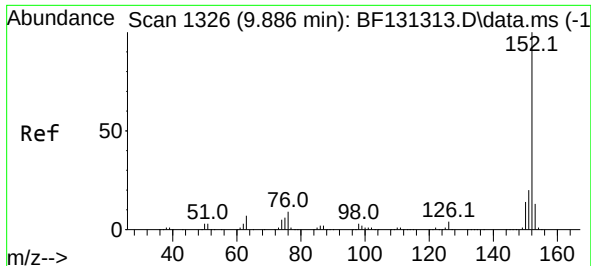
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#48
2-Nitroaniline
Concen: 50.865 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

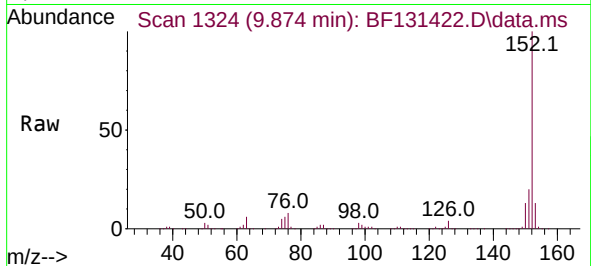
Tgt Ion: 65 Resp: 177913
Ion Ratio Lower Upper
65 100
92 59.5 49.0 73.4
138 84.6 69.4 104.2





#49
Acenaphthylene
Concen: 42.516 ng
RT: 9.874 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

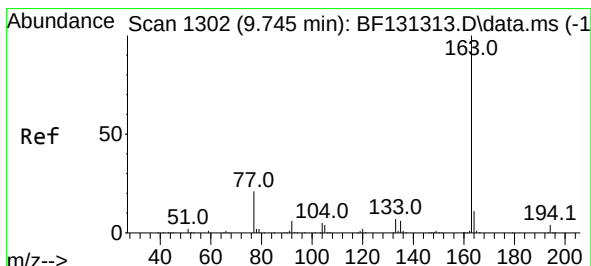
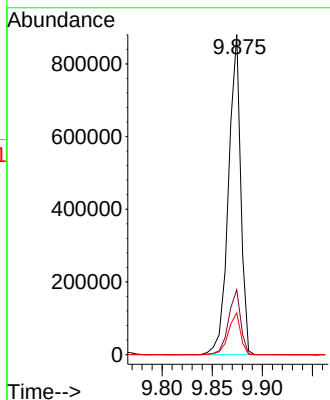
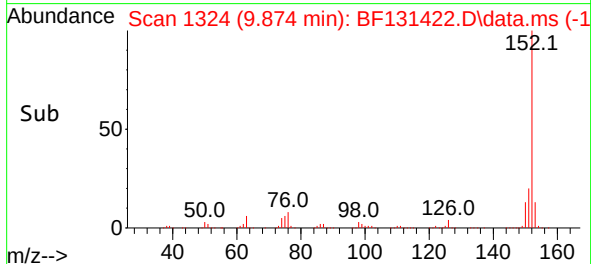
Instrument :
BNA_F
ClientSampleId :
PB149277BS



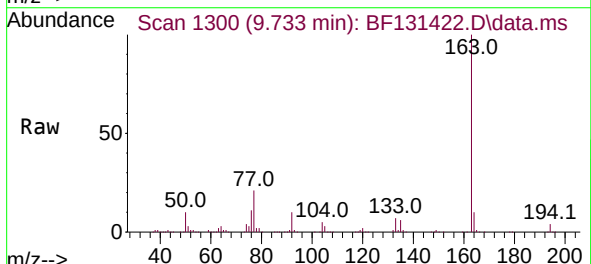
Tgt Ion:152 Resp: 746621
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.0 10.6 15.8

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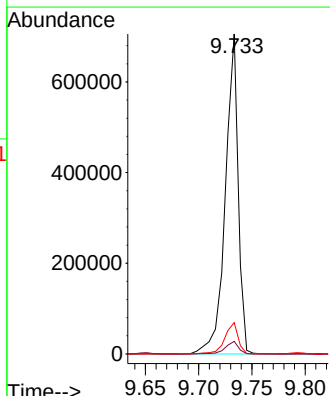
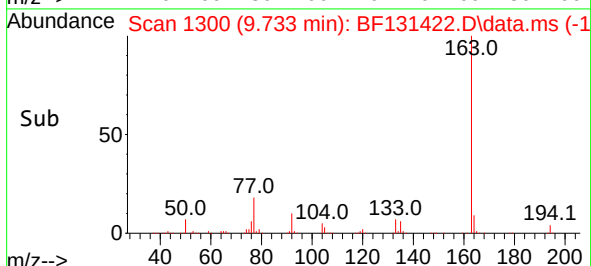
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

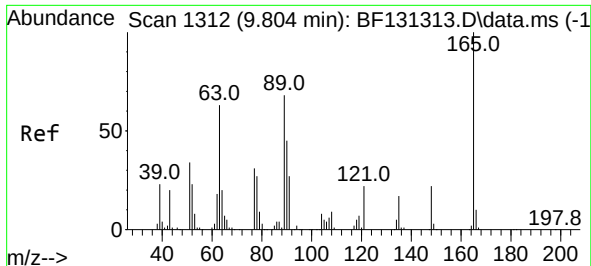


#50
Dimethylphthalate
Concen: 45.251 ng
RT: 9.733 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



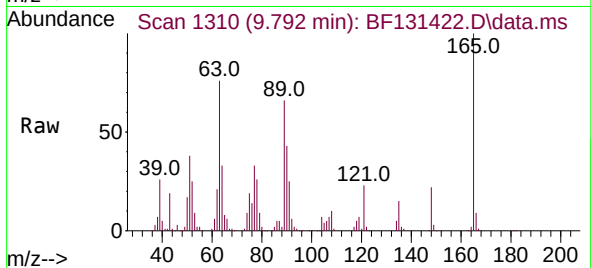
Tgt Ion:163 Resp: 593299
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.8 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 50.090 ng
RT: 9.792 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

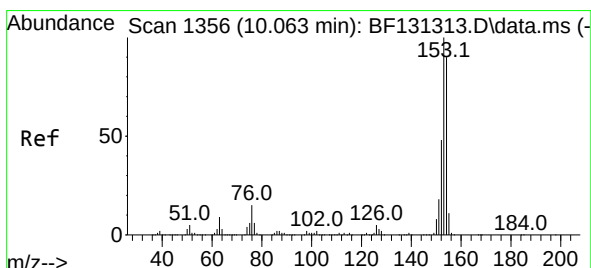
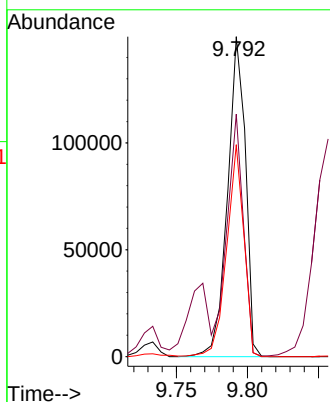
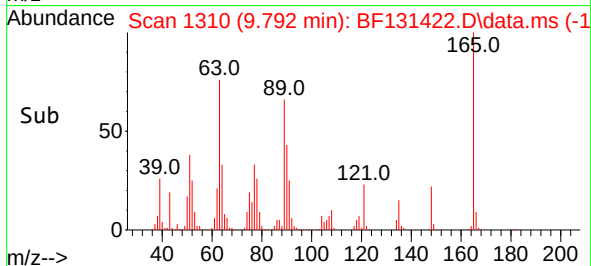
Instrument :
BNA_F
ClientSampleId :
PB149277BS



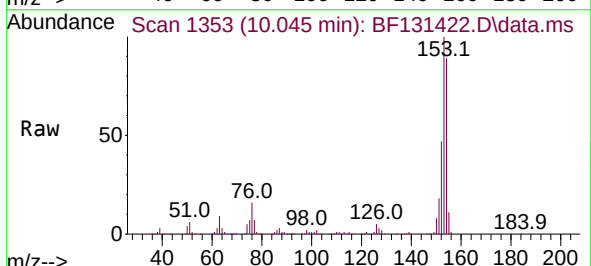
Tgt Ion:165 Resp: 13134
Ion Ratio Lower Upper
165 100
63 75.8 62.0 93.0
89 66.2 54.4 81.6

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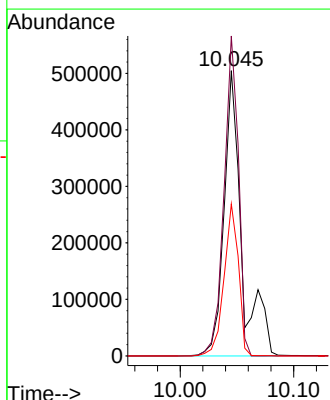
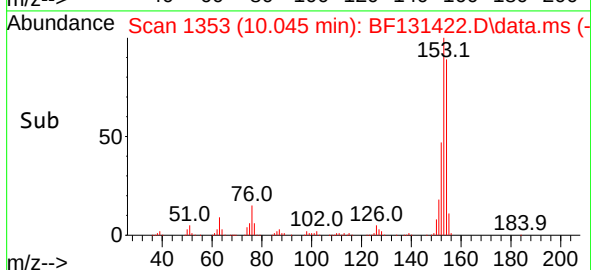
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

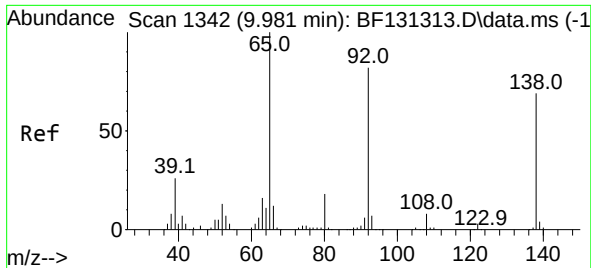


#52
Acenaphthene
Concen: 49.744 ng m
RT: 10.045 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



Tgt Ion:154 Resp: 546999
Ion Ratio Lower Upper
154 100
153 112.2 88.4 132.6
152 53.2 42.8 64.2





#53
3-Nitroaniline
Concen: 25.396 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Instrument :

BNA_F

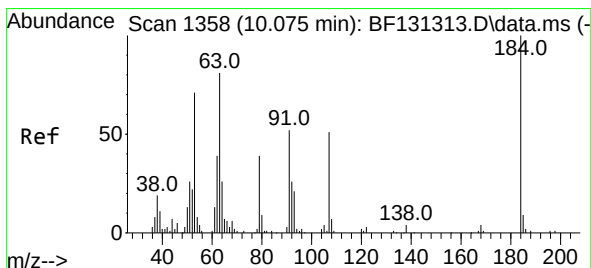
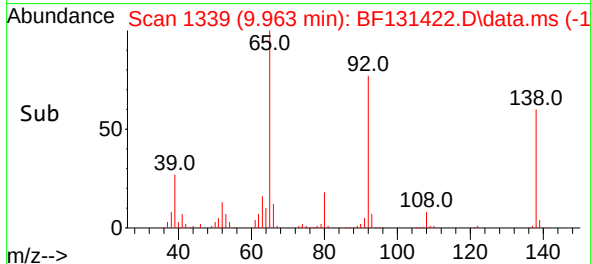
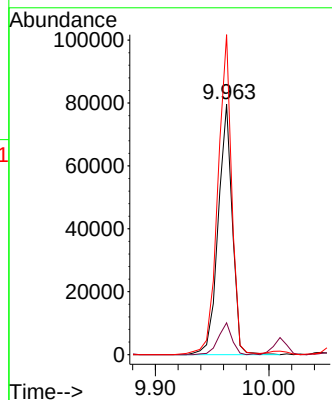
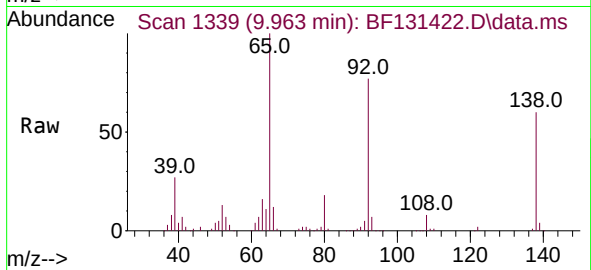
ClientSampleId :

PB149277BS

Tgt Ion:138 Resp: 68425
Ion Ratio Lower Upper
138 100
108 12.7 8.9 13.3
92 127.8 95.3 142.9

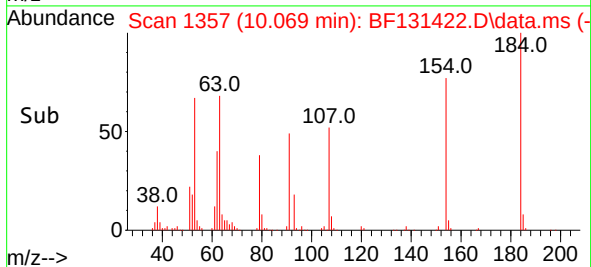
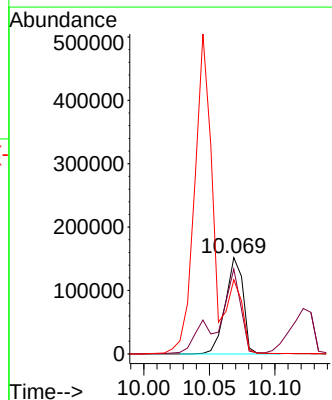
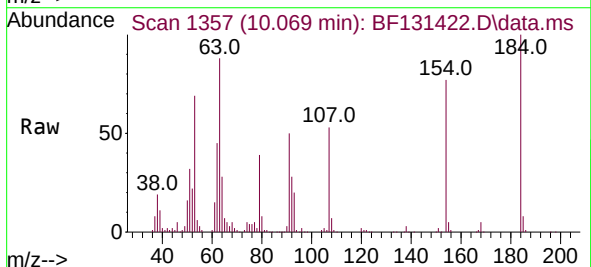
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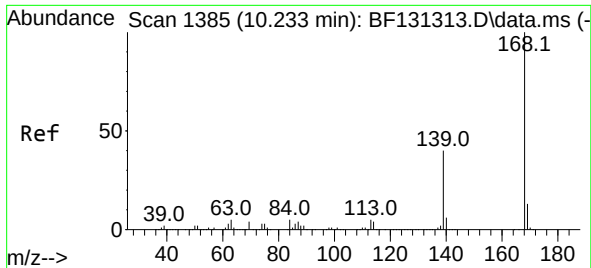
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#54
2,4-Dinitrophenol
Concen: 105.226 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

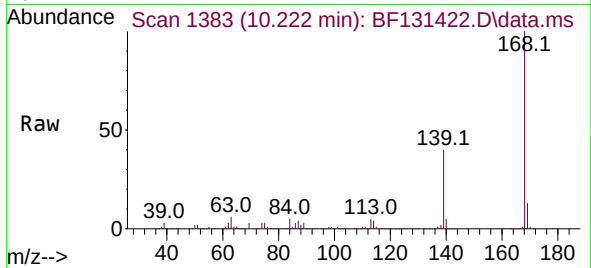
Tgt Ion:184 Resp: 143760
Ion Ratio Lower Upper
184 100
63 88.2 72.1 108.1
154 77.1 56.3 84.5





#55
Dibenzofuran
Concen: 42.417 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

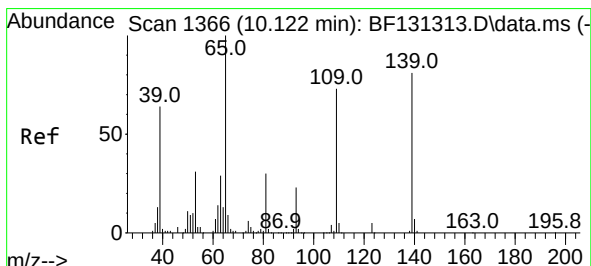
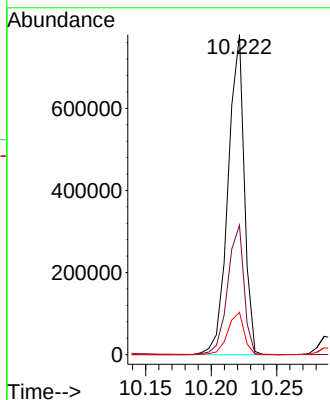
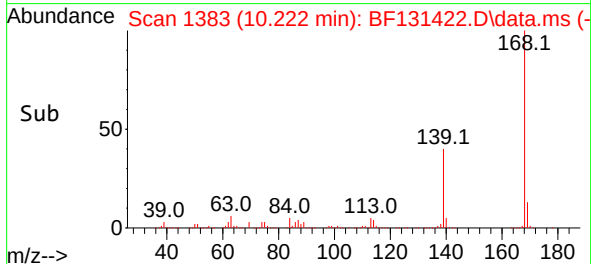
Instrument :
BNA_F
ClientSampleId :
PB149277BS



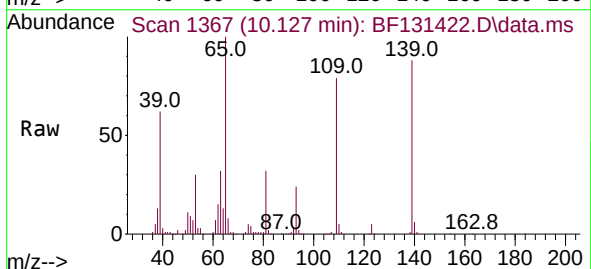
Tgt Ion:168 Resp: 671038
Ion Ratio Lower Upper
168 100
139 40.4 31.7 47.5
169 13.2 10.6 15.8

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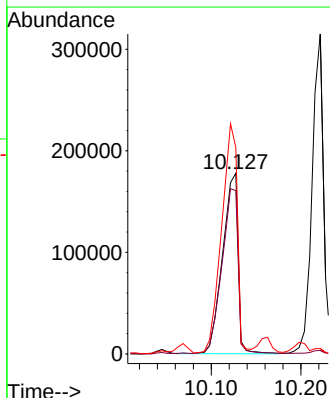
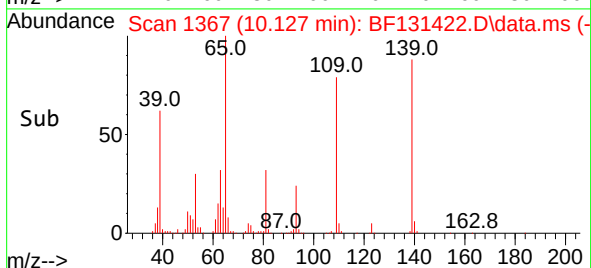
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

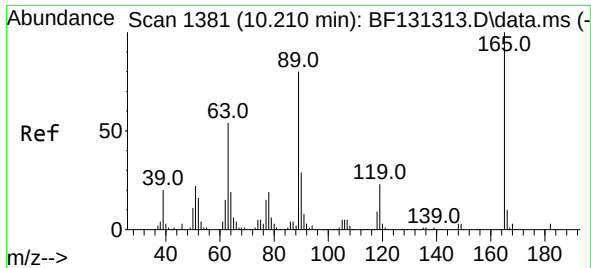


#56
4-Nitrophenol
Concen: 115.667 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.012 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



Tgt Ion:139 Resp: 216289
Ion Ratio Lower Upper
139 100
109 90.4 69.6 109.6
65 114.3 103.4 143.4





#57
2,4-Dinitrotoluene
Concen: 55.790 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Instrument :

BNA_F

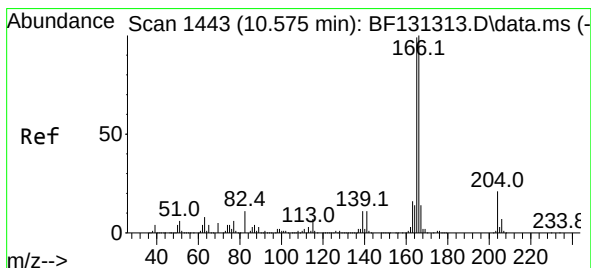
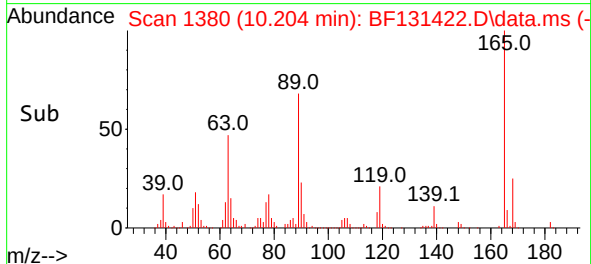
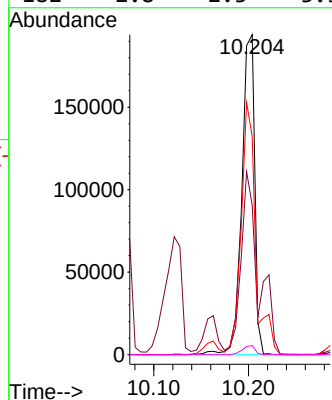
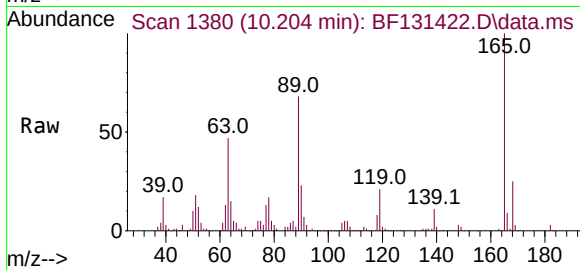
ClientSampleId :

PB149277BS

Tgt Ion:165 Resp: 184060
Ion Ratio Lower Upper
165 100
63 46.7 43.4 65.2
89 68.2 64.0 96.0
182 2.8 2.3 3.5

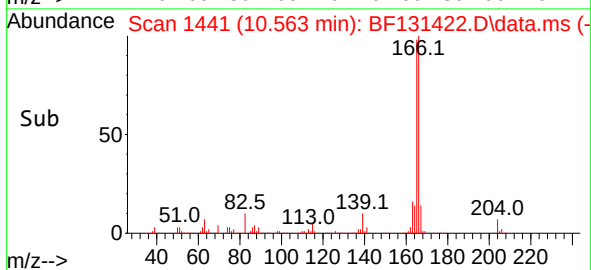
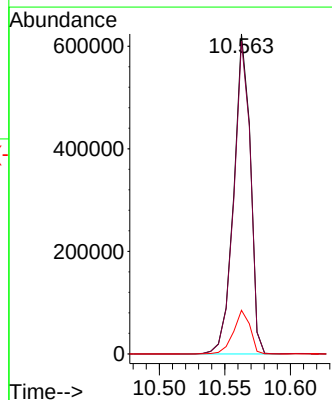
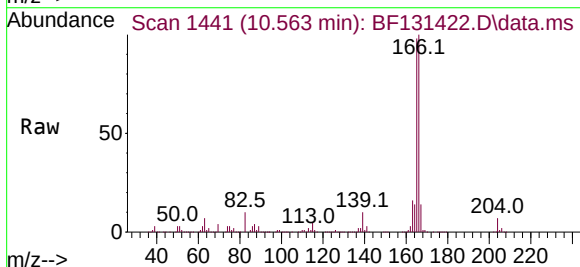
Manual Integrations
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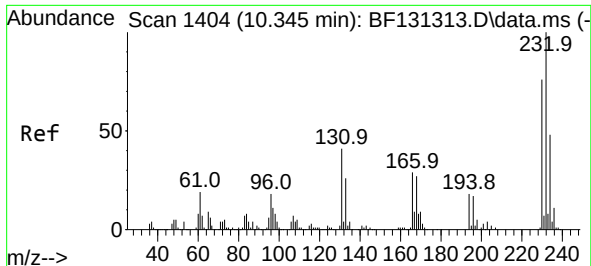
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#58
Fluorene
Concen: 44.117 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

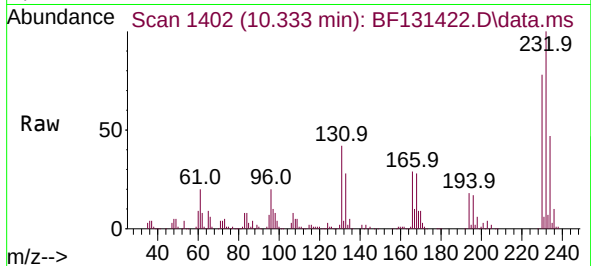
Tgt Ion:166 Resp: 544698
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.4
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.473 ng
RT: 10.333 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

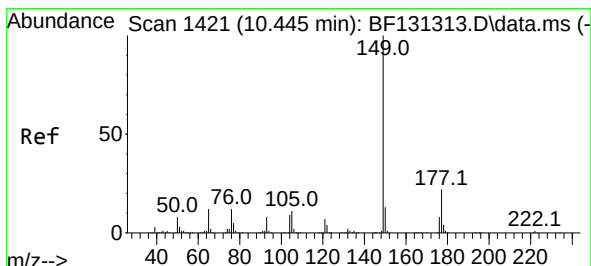
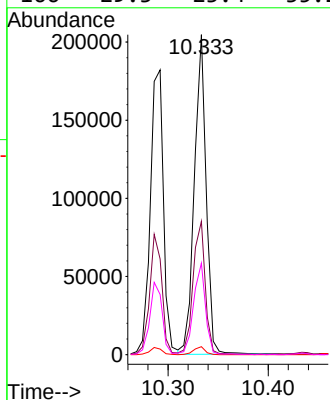
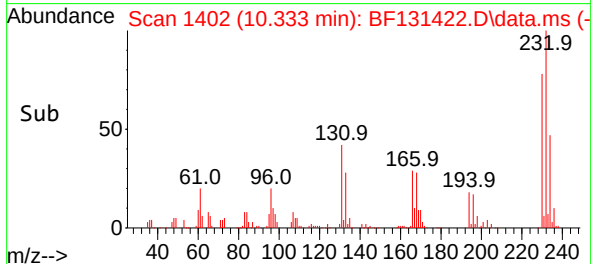
Instrument :
BNA_F
ClientSampleId :
PB149277BS



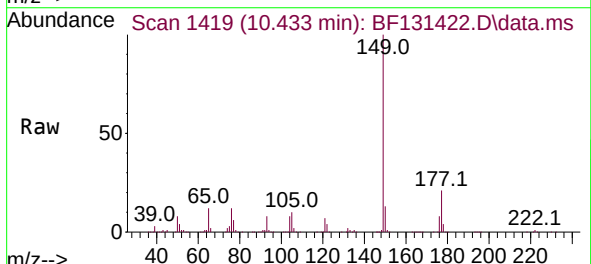
Tgt Ion:232 Resp: 166981
Ion Ratio Lower Upper
232 100
131 43.0 35.2 52.8
130 2.4 1.8 2.8
166 29.3 23.4 35.2

Manual Integrations
APPROVED

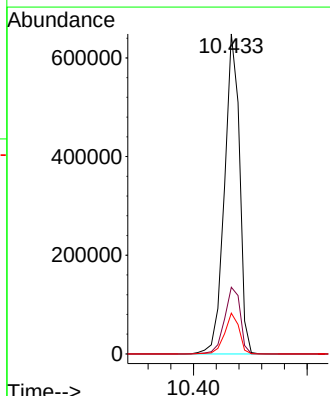
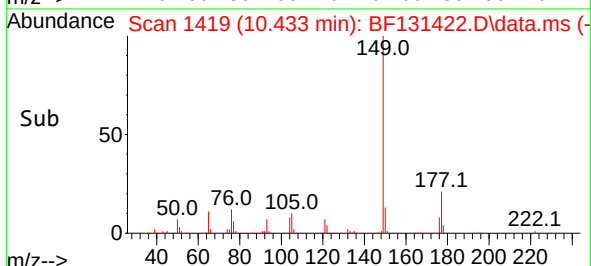
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

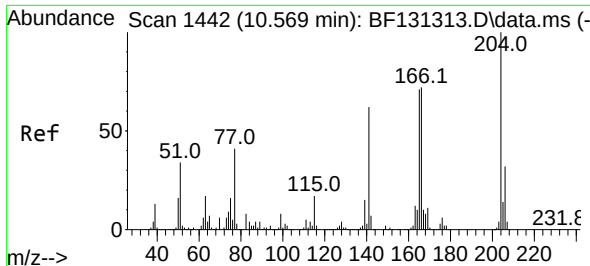


#60
Diethylphthalate
Concen: 48.161 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



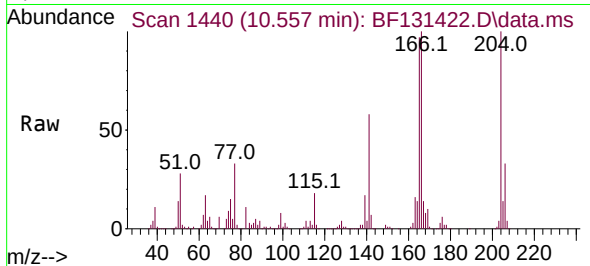
Tgt Ion:149 Resp: 596236
Ion Ratio Lower Upper
149 100
177 20.8 17.6 26.4
150 12.8 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 43.773 ng
RT: 10.557 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

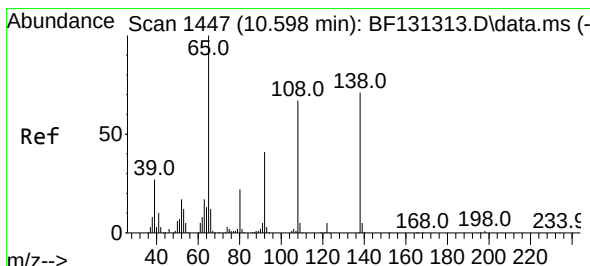
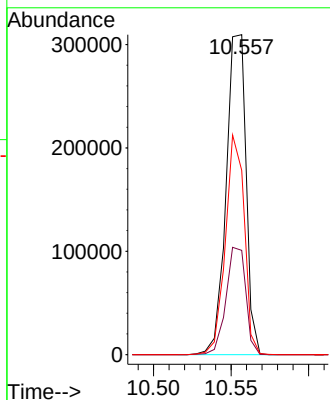
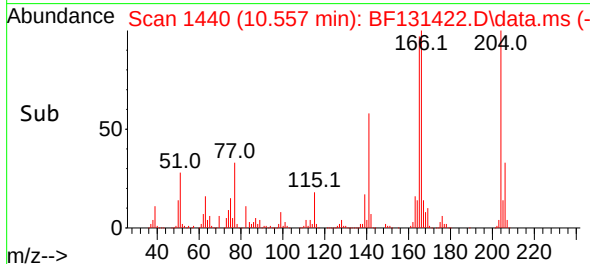
Instrument :
BNA_F
ClientSampleId :
PB149277BS



Tgt Ion:204 Resp: 277058
Ion Ratio Lower Upper
204 100
206 32.6 25.7 38.5
141 57.6 49.2 73.8

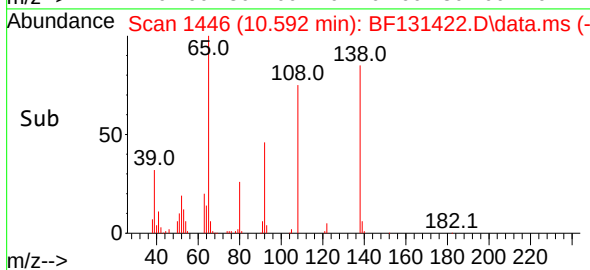
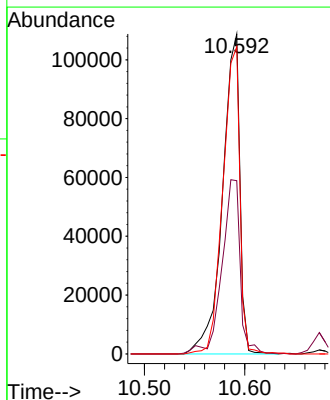
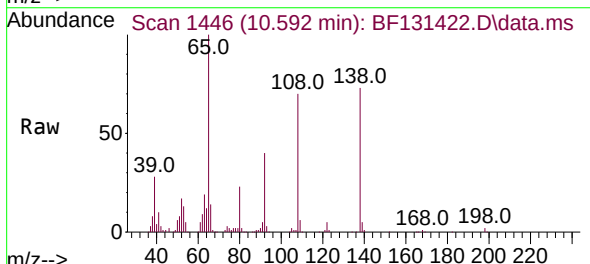
Manual Integrations
APPROVED

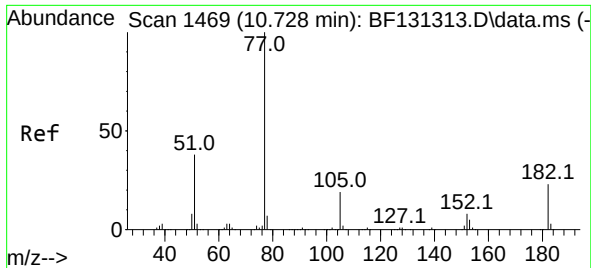
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#62
4-Nitroaniline
Concen: 48.674 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

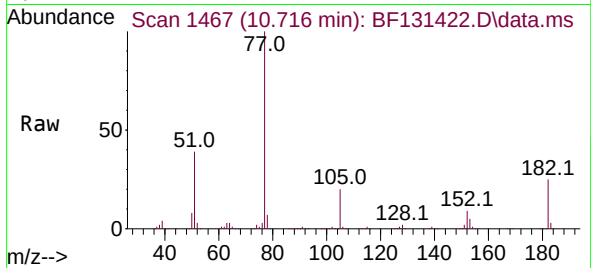
Tgt Ion:138 Resp: 130519
Ion Ratio Lower Upper
138 100
92 54.1 37.0 77.0
108 96.0 74.0 114.0





#63
Azobenzene
Concen: 43.851 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

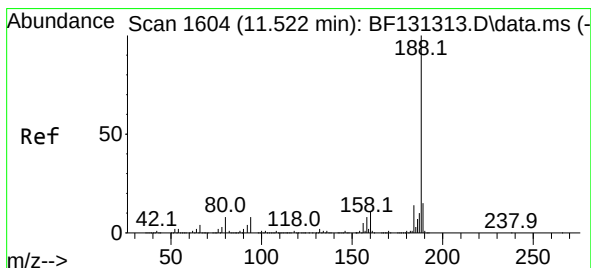
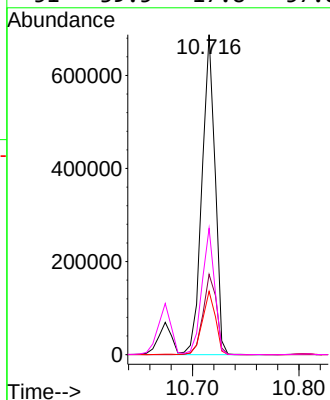
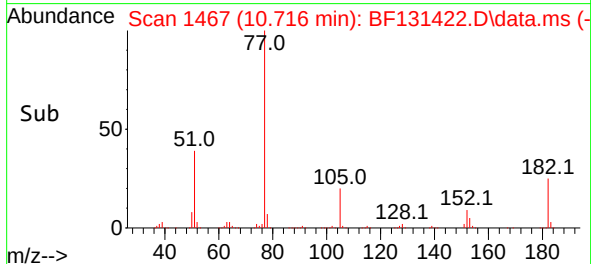
Instrument :
BNA_F
ClientSampleId :
PB149277BS



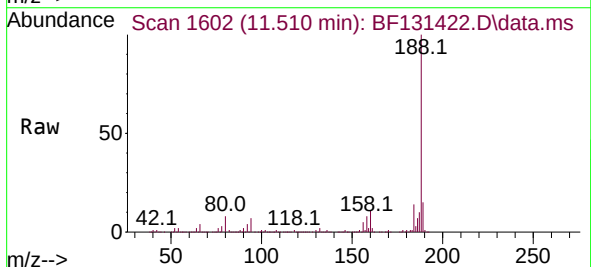
Tgt Ion: 77 Resp: 583731
Ion Ratio Lower Upper
77 100
182 25.1 3.1 43.1
105 19.8 0.0 39.2
51 39.5 17.8 57.8

Manual Integrations
APPROVED

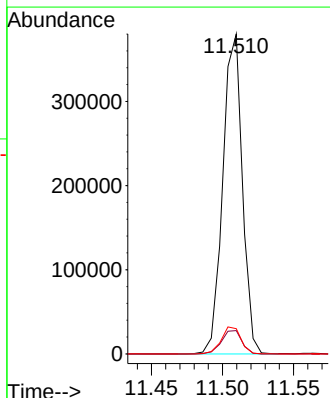
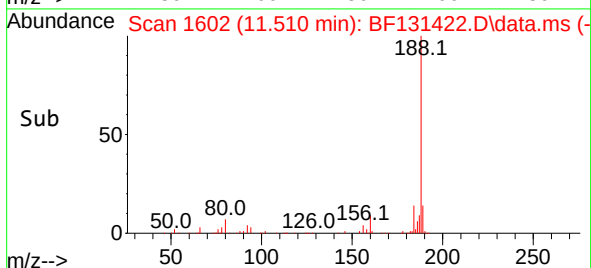
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

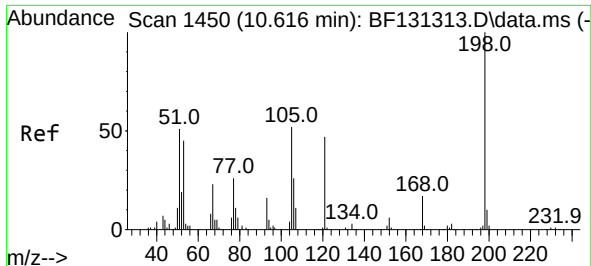


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



Tgt Ion:188 Resp: 364742
Ion Ratio Lower Upper
188 100
94 7.3 6.3 9.5
80 7.9 6.8 10.2





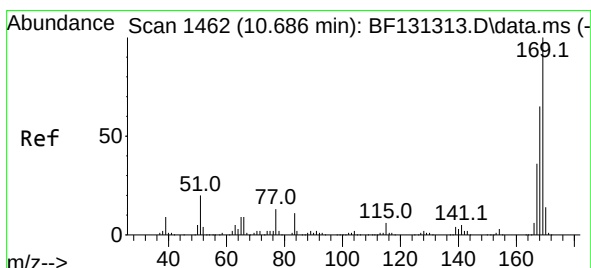
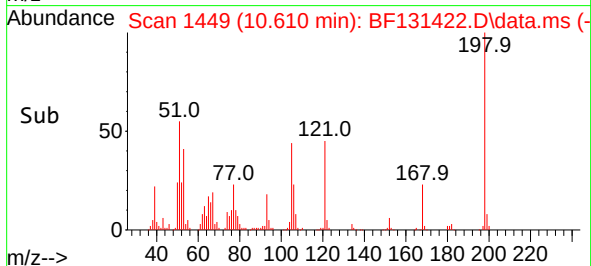
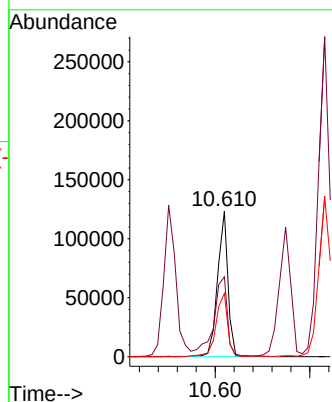
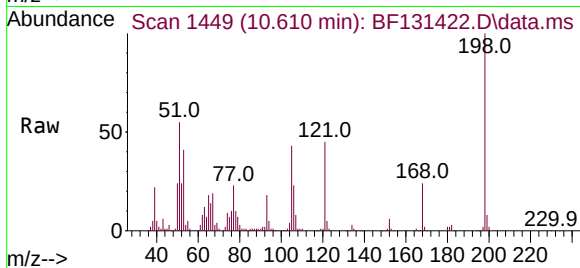
#65
4,6-Dinitro-2-methylphenol
Concen: 56.725 ng
RT: 10.610 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Instrument :
BNA_F
ClientSampleId :
PB149277BS

Tgt Ion:198 Resp: 93866
Ion Ratio Lower Upper
198 100
51 54.9 50.1 90.1
105 43.5 32.5 72.5

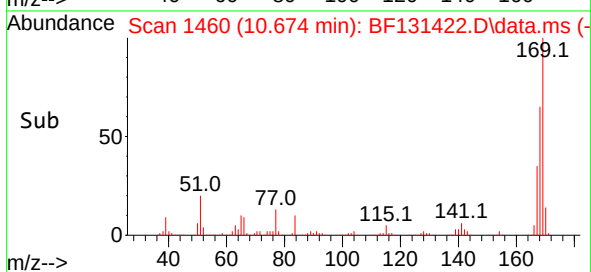
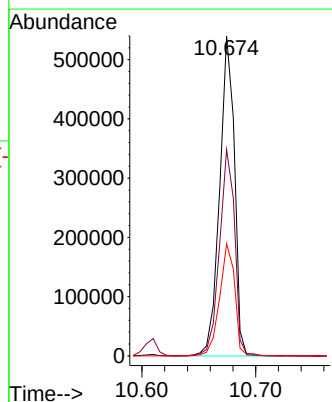
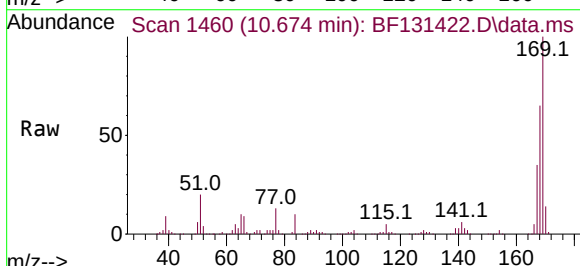
Manual Integrations
APPROVED

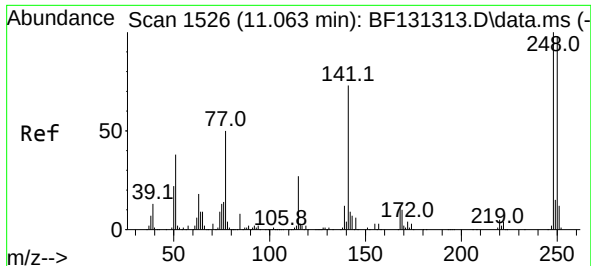
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#66
n-Nitrosodiphenylamine
Concen: 41.976 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

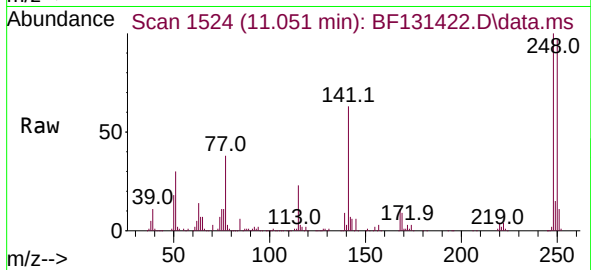
Tgt Ion:169 Resp: 487858
Ion Ratio Lower Upper
169 100
168 64.5 52.4 78.6
167 35.1 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.542 ng
RT: 11.051 min Scan# 1524
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

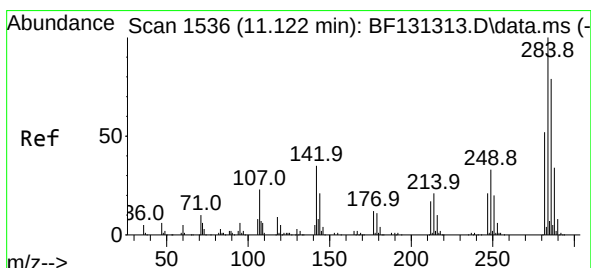
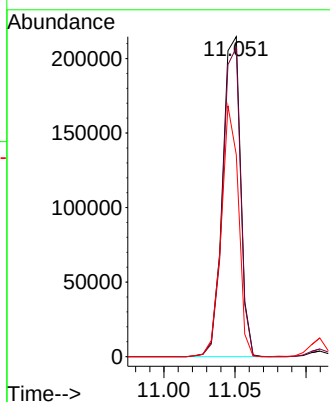
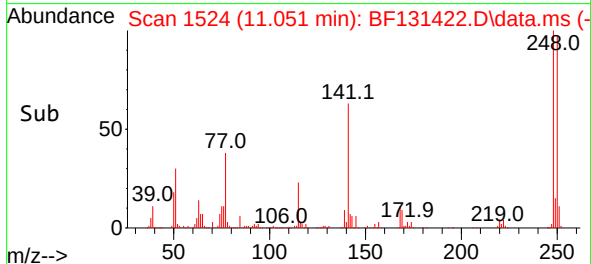
Instrument :
BNA_F
ClientSampleId :
PB149277BS



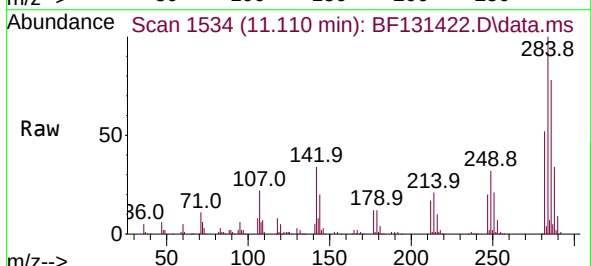
Tgt Ion:248 Resp: 190181
Ion Ratio Lower Upper
248 100
250 96.6 78.3 117.5
141 63.1 58.0 87.0

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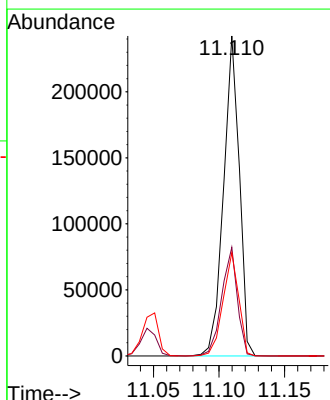
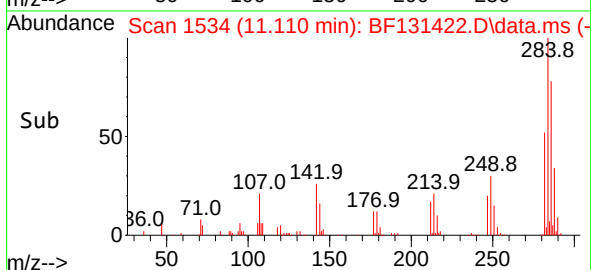
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

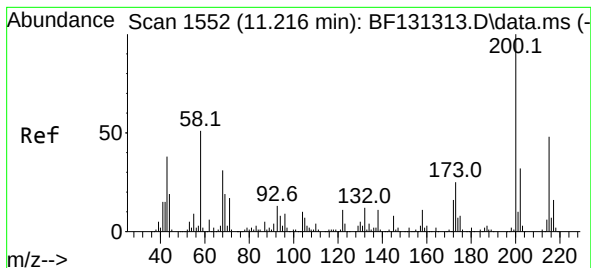


#68
Hexachlorobenzene
Concen: 42.703 ng
RT: 11.110 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



Tgt Ion:284 Resp: 202610
Ion Ratio Lower Upper
284 100
142 33.9 28.4 42.6
249 32.2 26.5 39.7





#69

Atrazine

Concen: 53.554 ng

RT: 11.204 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF131422.D

Acq: 28 Nov 2022 10:38

Instrument :

BNA_F

ClientSampleId :

PB149277BS

Tgt Ion:200 Resp: 191639

Ion Ratio Lower Upper

200 100

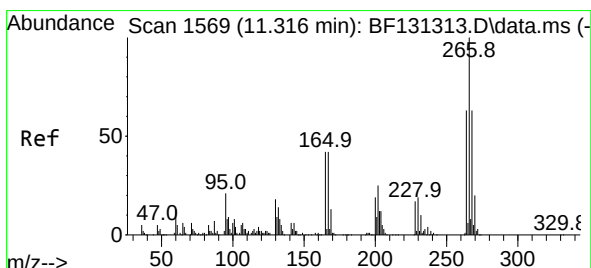
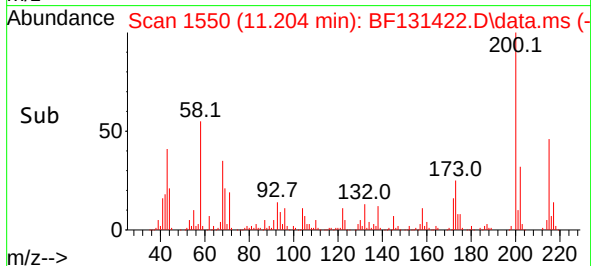
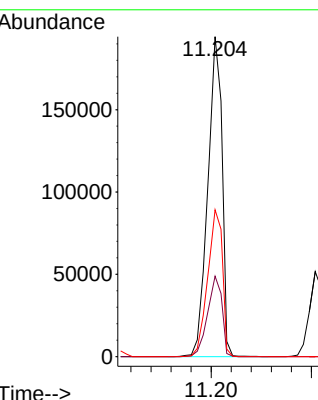
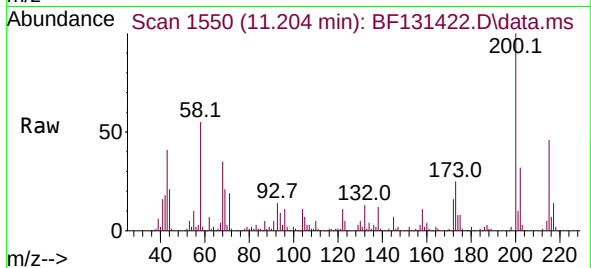
173 25.1 5.2 45.2

215 45.9 28.3 68.3

Manual Integrations

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



#70

Pentachlorophenol

Concen: 86.547 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.000 min

Lab File: BF131422.D

Acq: 28 Nov 2022 10:38

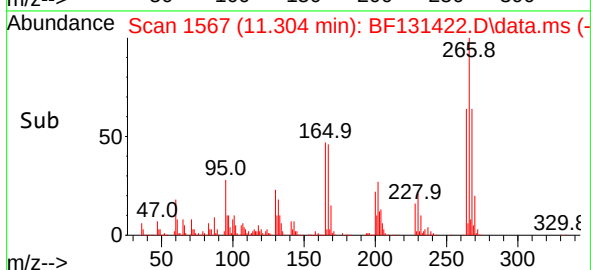
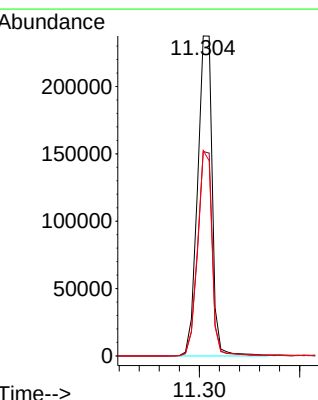
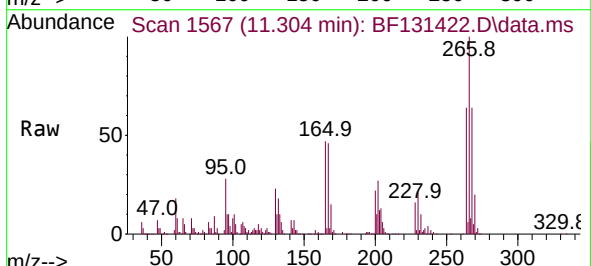
Tgt Ion:266 Resp: 239775

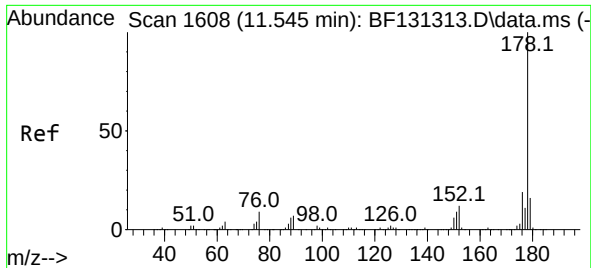
Ion Ratio Lower Upper

266 100

268 63.9 50.6 75.8

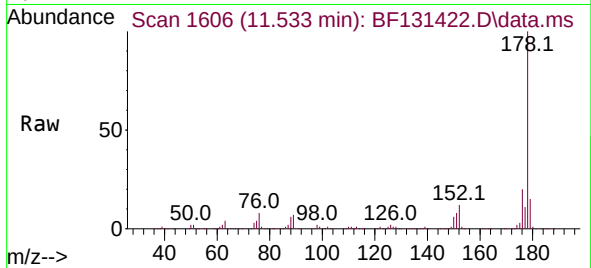
264 64.2 50.4 75.6





#71
Phenanthrene
Concen: 42.355 ng
RT: 11.533 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

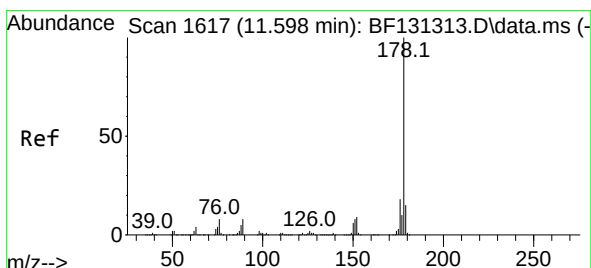
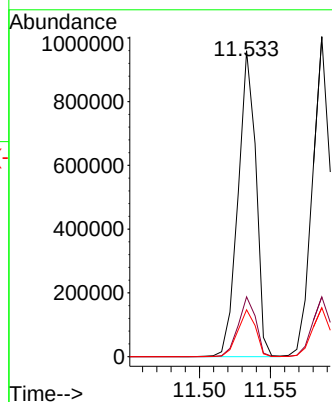
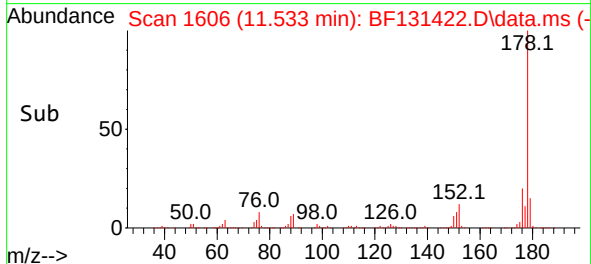
Instrument :
BNA_F
ClientSampleId :
PB149277BS



Tgt Ion:178 Resp: 834900
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.3 12.4 18.6

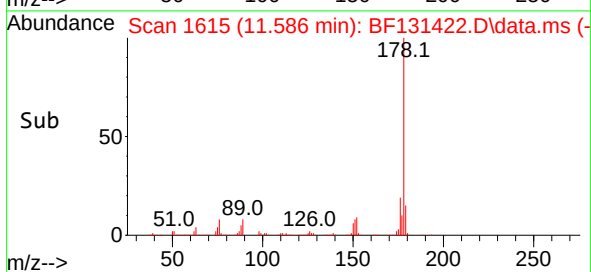
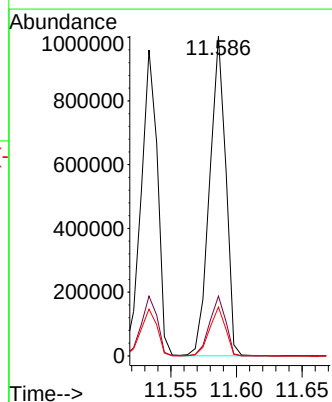
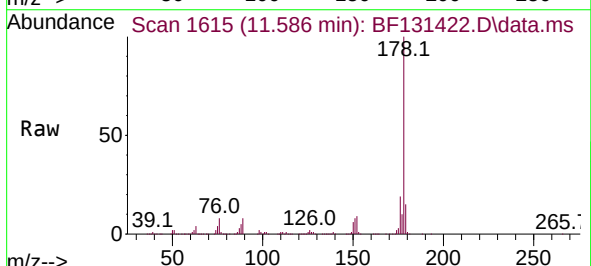
Manual Integrations
APPROVED

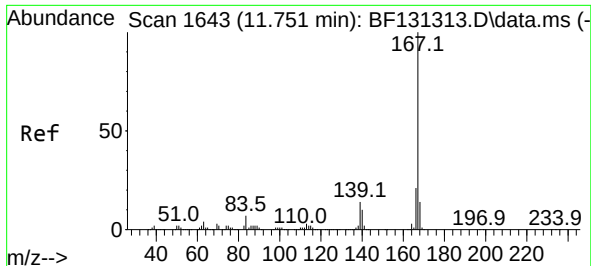
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#72
Anthracene
Concen: 44.239 ng
RT: 11.586 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Tgt Ion:178 Resp: 857007
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.3 12.2 18.4





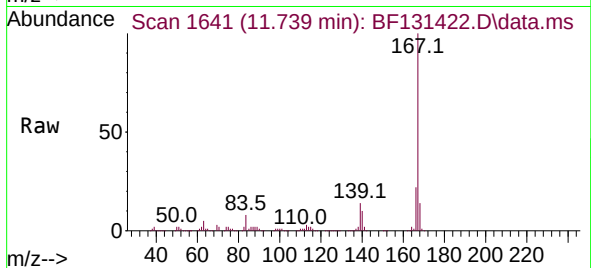
#73
 Carbazole
 Concen: 46.263 ng
 RT: 11.739 min Scan# 1641
 Delta R.T. -0.000 min
 Lab File: BF131422.D
 Acq: 28 Nov 2022 10:38

Instrument :

BNA_F

ClientSampleId :

PB149277BS

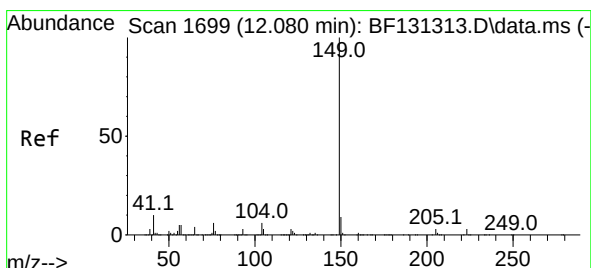
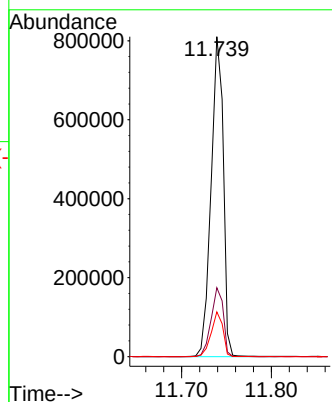
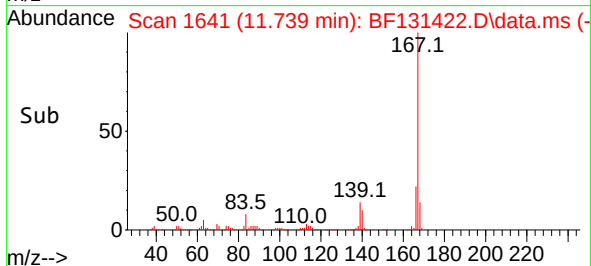


Tgt Ion:167 Resp: 764478
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 14.0 10.8 16.2

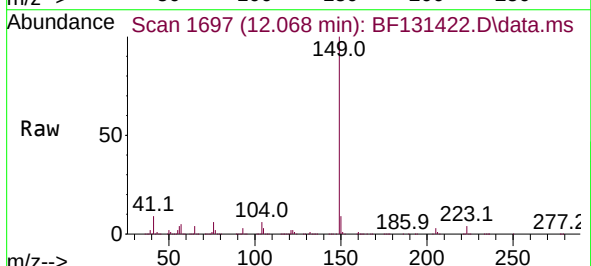
Manual Integrations

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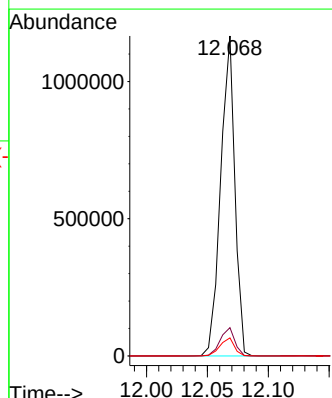
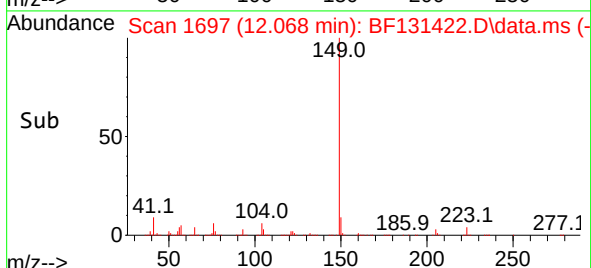
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022

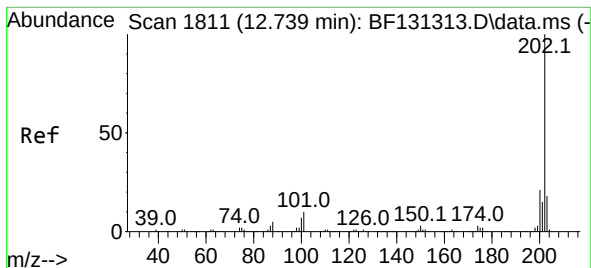


#74
 Di-n-butylphthalate
 Concen: 48.530 ng
 RT: 12.068 min Scan# 1697
 Delta R.T. -0.000 min
 Lab File: BF131422.D
 Acq: 28 Nov 2022 10:38



Tgt Ion:149 Resp: 944967
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.6 4.7 7.1





#75

Fluoranthene

Concen: 44.579 ng

RT: 12.727 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF131422.D

Acq: 28 Nov 2022 10:38

Instrument :

BNA_F

ClientSampleId :

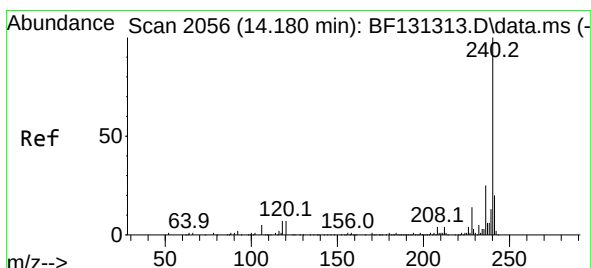
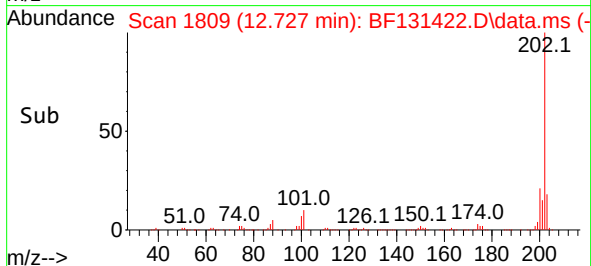
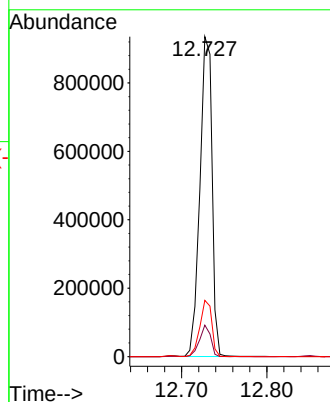
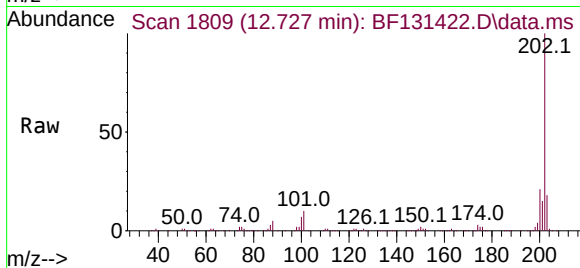
PB149277BS

Tgt Ion:	202	Resp:	92595
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	29.6
203	17.6	0.0	37.8

Manual Integrations

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



#76

Chrysene-d12

Concen: 20.000 ng

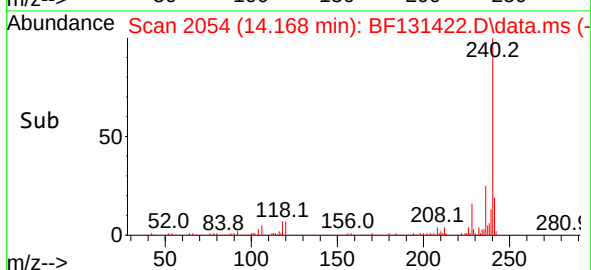
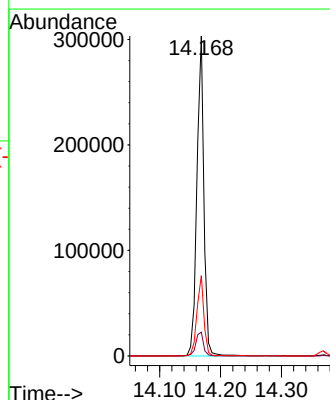
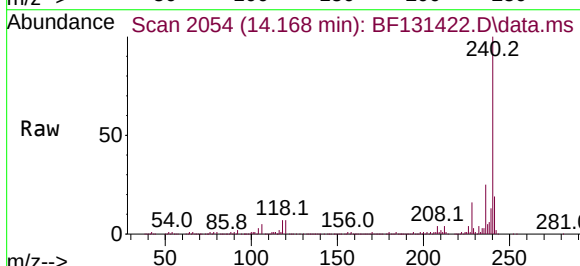
RT: 14.168 min Scan# 2054

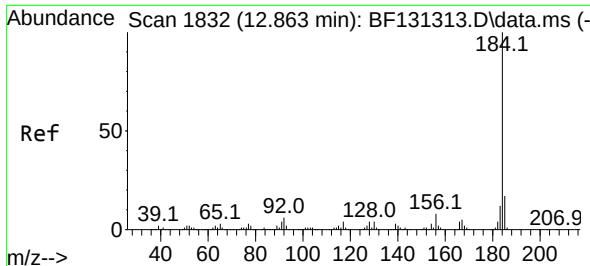
Delta R.T. -0.000 min

Lab File: BF131422.D

Acq: 28 Nov 2022 10:38

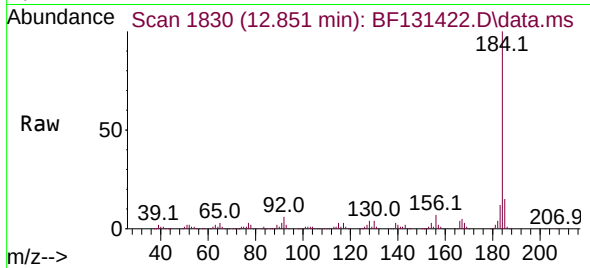
Tgt Ion:	240	Resp:	242829
Ion Ratio	Lower	Upper	
240	100		
120	7.4	5.8	8.8
236	25.1	20.3	30.5





#77
Benzidine
Concen: 72.539 ng
RT: 12.851 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

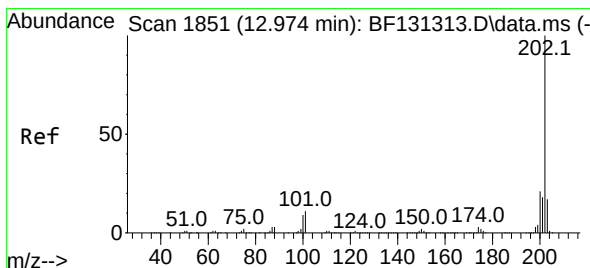
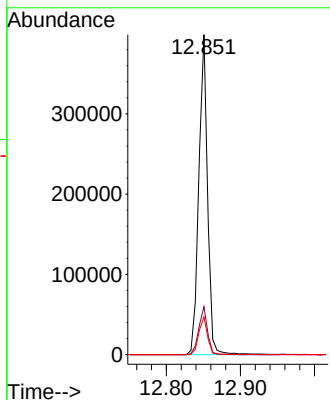
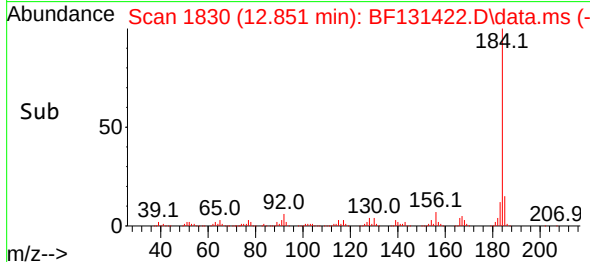
Instrument :
BNA_F
ClientSampleId :
PB149277BS



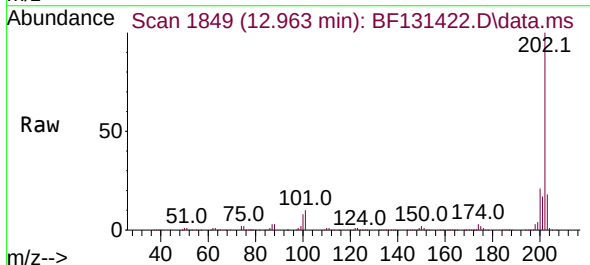
Tgt Ion:184 Resp: 325363
Ion Ratio Lower Upper
184 100
185 15.0 13.8 20.8
183 11.8 9.6 14.4

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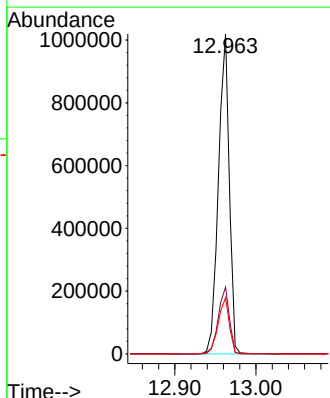
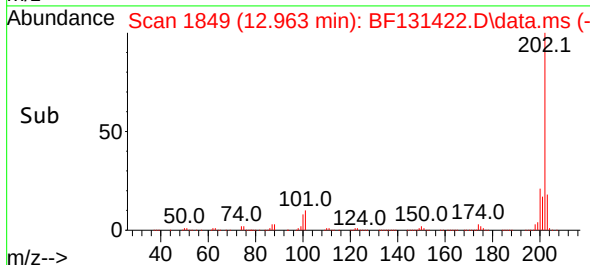
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

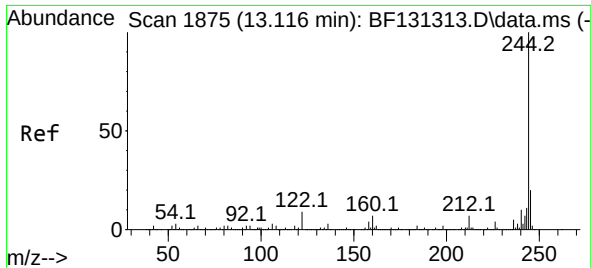


#78
Pyrene
Concen: 43.990 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



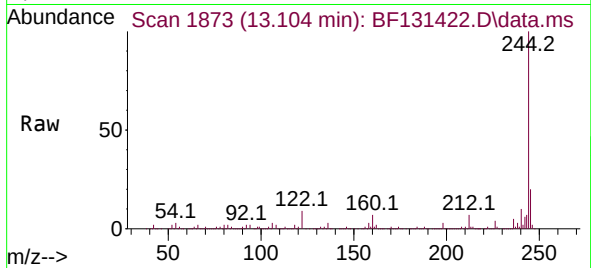
Tgt Ion:202 Resp: 942463
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.6 13.9 20.9





#79
 Terphenyl-d14
 Concen: 92.587 ng
 RT: 13.104 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: BF131422.D
 Acq: 28 Nov 2022 10:38

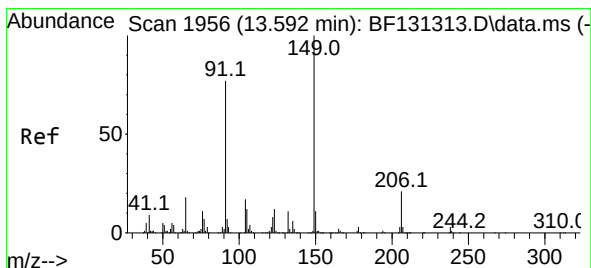
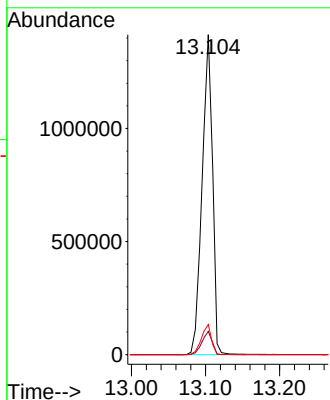
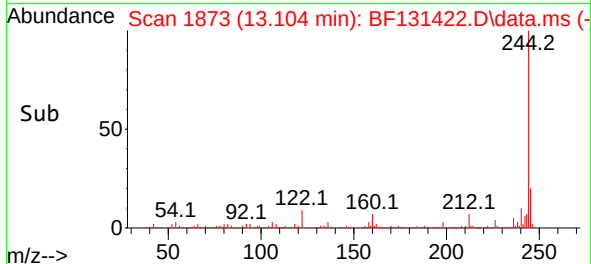
Instrument :
 BNA_F
 ClientSampleId :
 PB149277BS



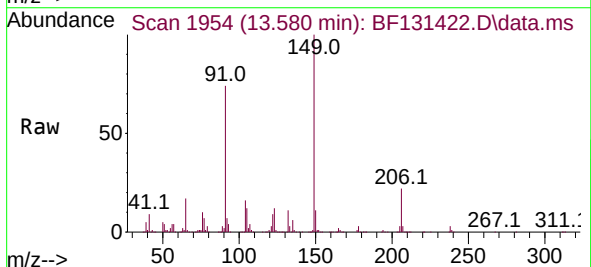
Tgt Ion:244 Resp: 1374866
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.4 7.5 11.3

Manual Integrations
 APPROVED

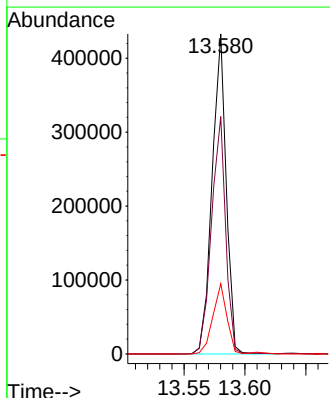
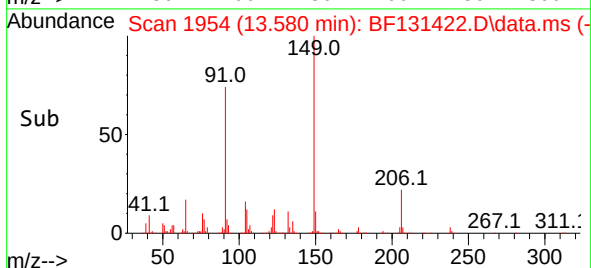
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022

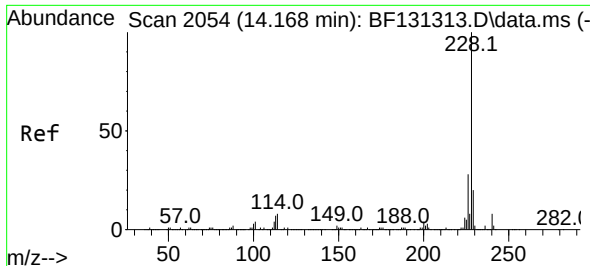


#80
 Butylbenzylphthalate
 Concen: 48.426 ng
 RT: 13.580 min Scan# 1954
 Delta R.T. -0.000 min
 Lab File: BF131422.D
 Acq: 28 Nov 2022 10:38



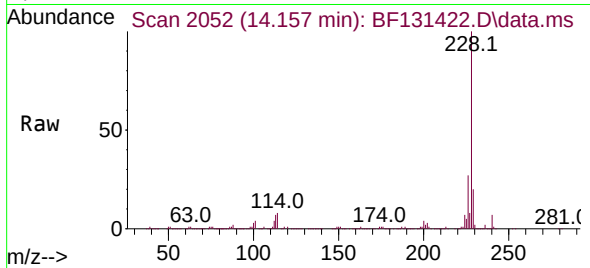
Tgt Ion:149 Resp: 349342
 Ion Ratio Lower Upper
 149 100
 91 74.2 61.9 92.9
 206 21.9 16.5 24.7





#81
Benzo(a)anthracene
Concen: 42.935 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

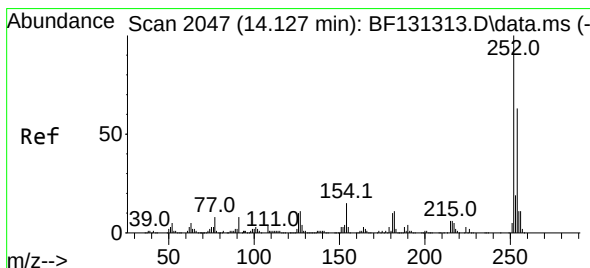
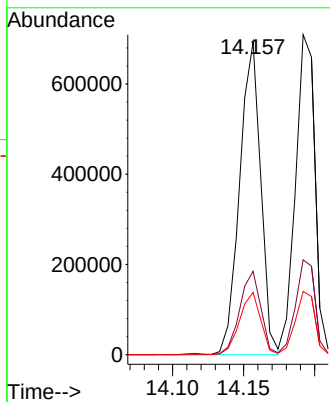
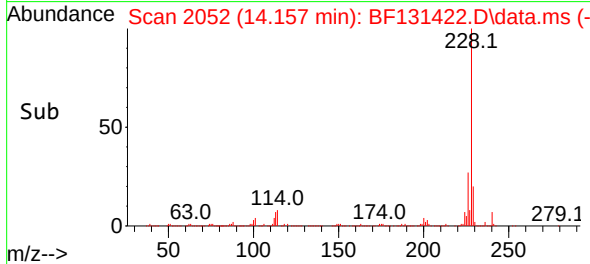
Instrument :
BNA_F
ClientSampleId :
PB149277BS



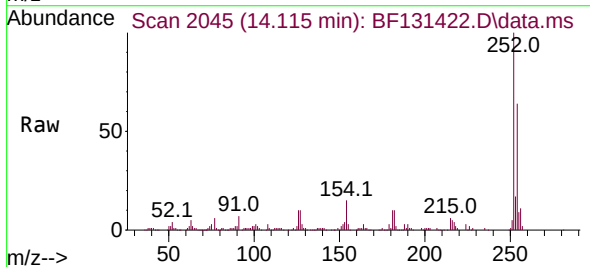
Tgt Ion:228 Resp: 71464
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 19.9 15.7 23.5

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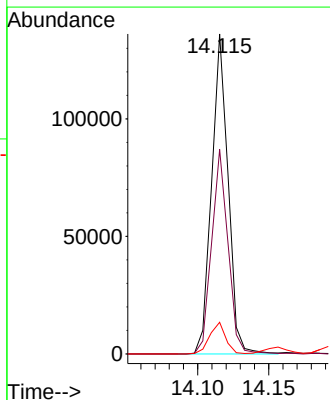
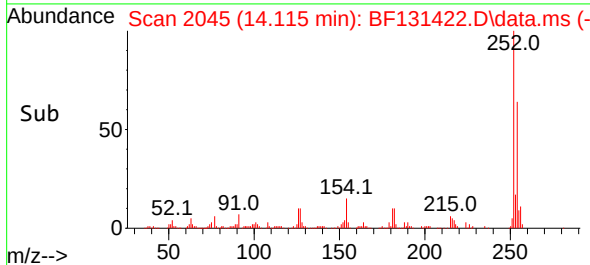
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

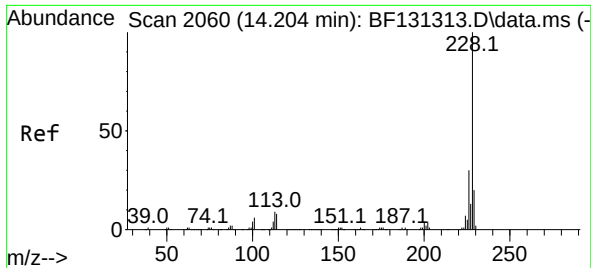


#82
3,3'-Dichlorobenzidine
Concen: 24.795 ng
RT: 14.115 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



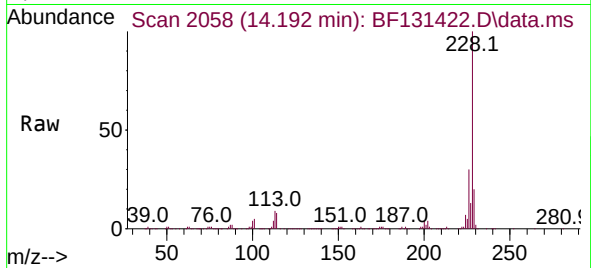
Tgt Ion:252 Resp: 109514
Ion Ratio Lower Upper
252 100
254 63.9 50.8 76.2
126 9.9 8.3 12.5





#83
Chrysene
Concen: 41.932 ng
RT: 14.192 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

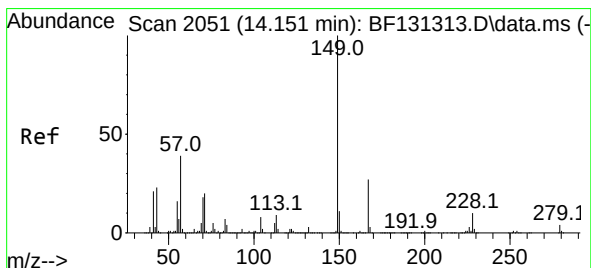
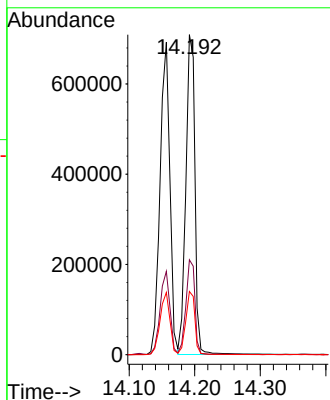
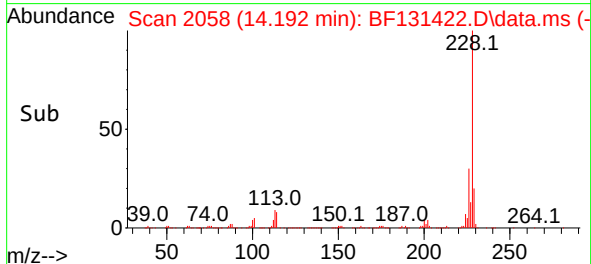
Instrument :
BNA_F
ClientSampleId :
PB149277BS



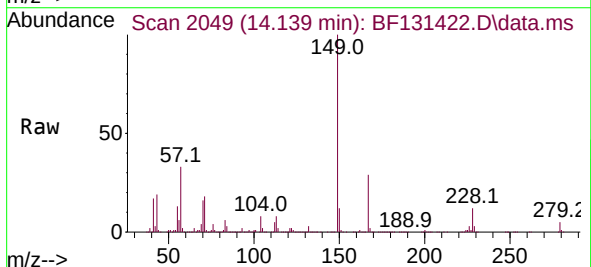
Tgt Ion:228 Resp: 684758
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 19.7 16.2 24.4

Manual Integrations
APPROVED

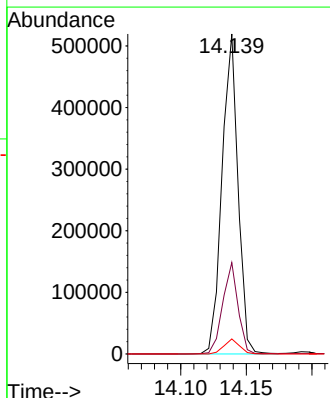
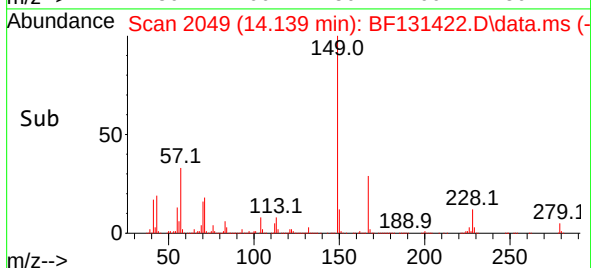
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022

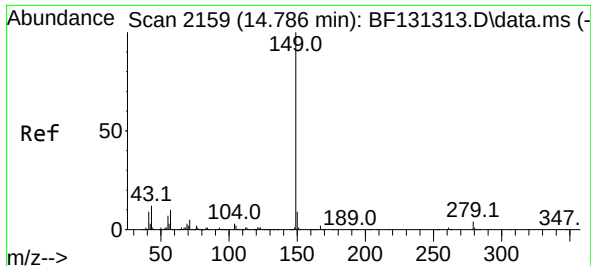


#84
Bis(2-ethylhexyl)phthalate
Concen: 46.283 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



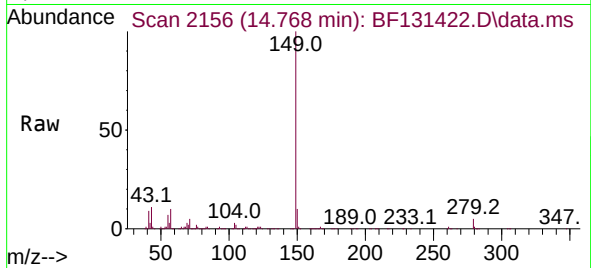
Tgt Ion:149 Resp: 441324
Ion Ratio Lower Upper
149 100
167 28.5 21.9 32.9
279 4.7 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 45.882 ng
RT: 14.768 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

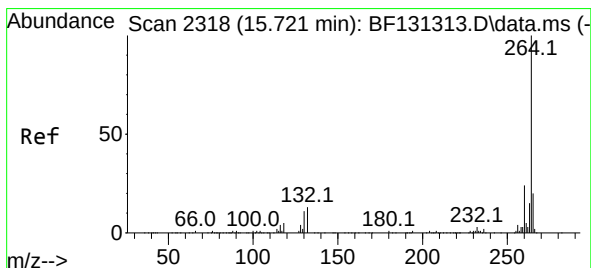
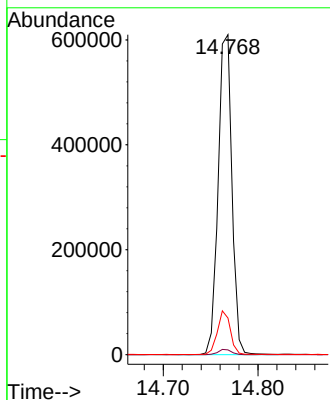
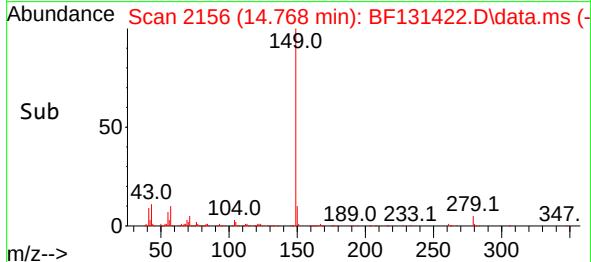
Instrument :
BNA_F
ClientSampleId :
PB149277BS



Tgt Ion:149 Resp: 615560
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 13.1 10.7 16.1

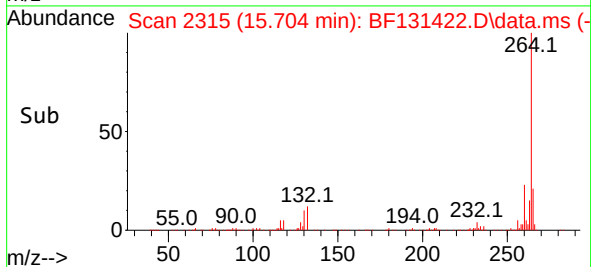
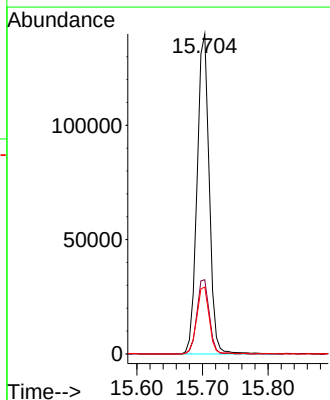
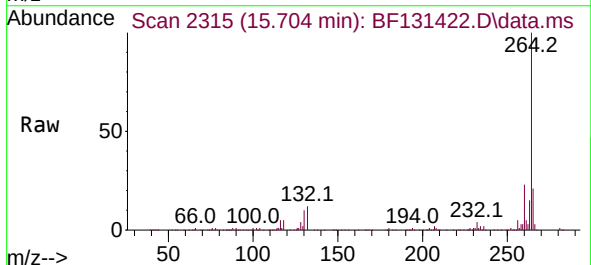
Manual Integrations
APPROVED

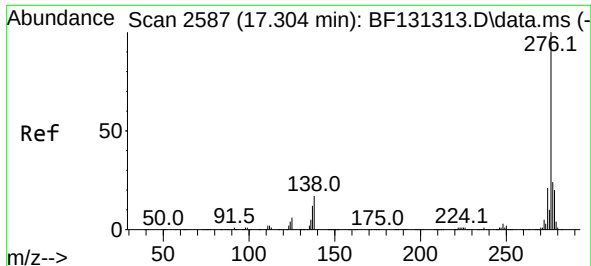
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :mohammad ahmed 12/02/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.704 min Scan# 2315
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

Tgt Ion:264 Resp: 178999
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 20.9 16.4 24.6





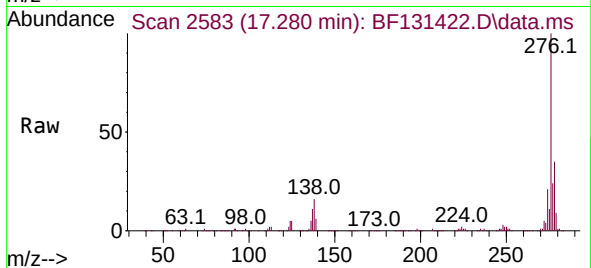
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.648 ng
 RT: 17.280 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131422.D
 Acq: 28 Nov 2022 10:38

Instrument :

BNA_F

ClientSampleId :

PB149277BS

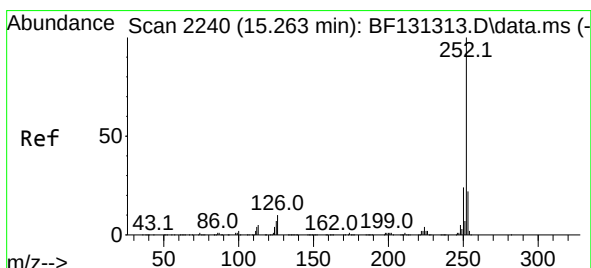
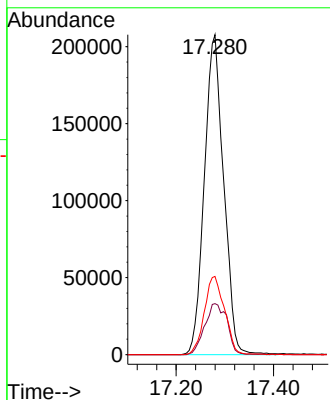
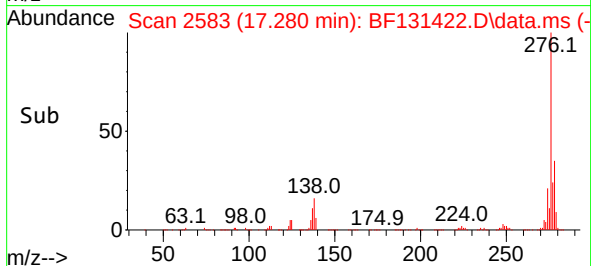


Tgt Ion:276 Resp: 57283
 Ion Ratio Lower Upper
 276 100
 138 18.4 15.8 23.6
 277 25.6 20.3 30.5

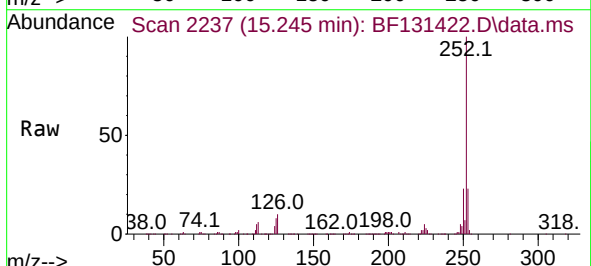
Manual Integrations

APPROVED

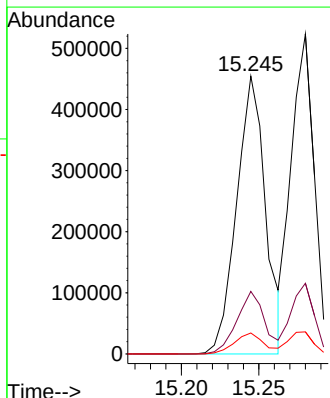
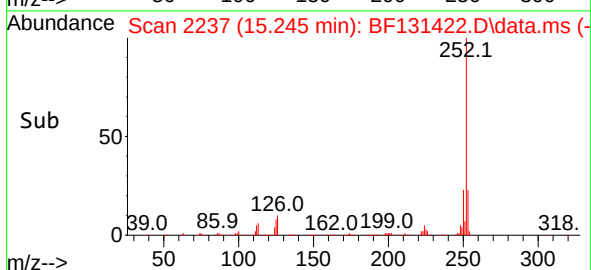
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :mohammad ahmed 12/02/2022

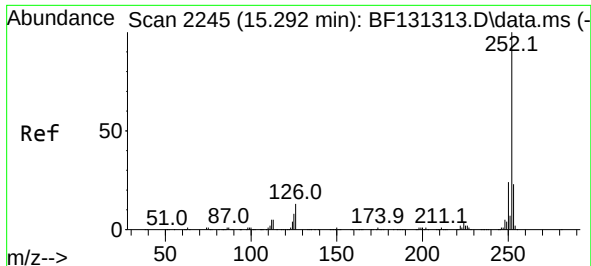


#88
 Benzo(b)fluoranthene
 Concen: 49.861 ng
 RT: 15.245 min Scan# 2237
 Delta R.T. -0.000 min
 Lab File: BF131422.D
 Acq: 28 Nov 2022 10:38



Tgt Ion:252 Resp: 592913
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.5 26.3
 125 7.5 5.8 8.6





#89

Benzo(k)fluoranthene

Concen: 45.014 ng

RT: 15.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131422.D

Acq: 28 Nov 2022 10:38

Instrument :

BNA_F

ClientSampleId :

PB149277BS

Tgt Ion:252 Resp: 550072

Ion Ratio Lower Upper

252 100

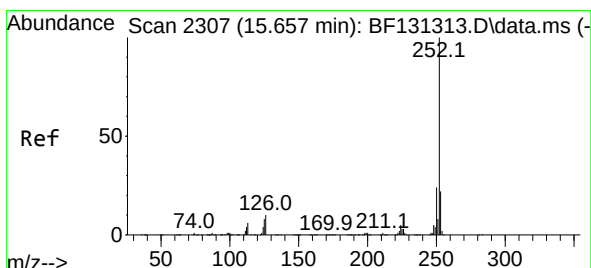
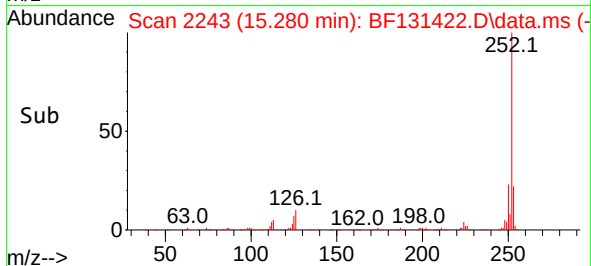
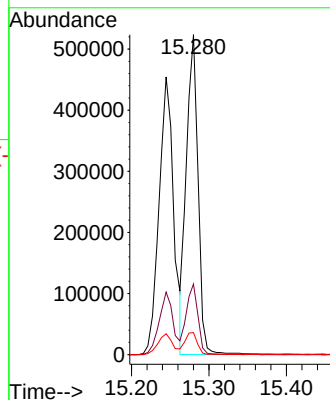
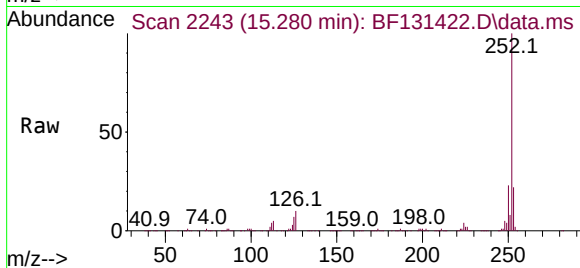
253 22.1 17.9 26.9

125 6.9 6.6 10.0

Manual Integrations

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



#90

Benzo(a)pyrene

Concen: 50.046 ng

RT: 15.639 min Scan# 2304

Delta R.T. -0.000 min

Lab File: BF131422.D

Acq: 28 Nov 2022 10:38

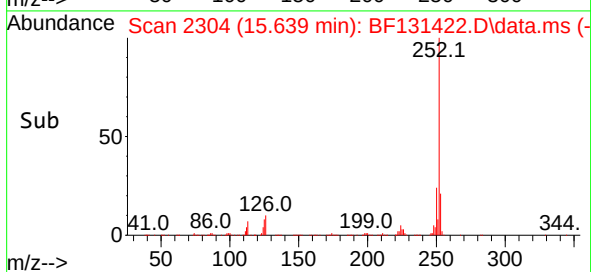
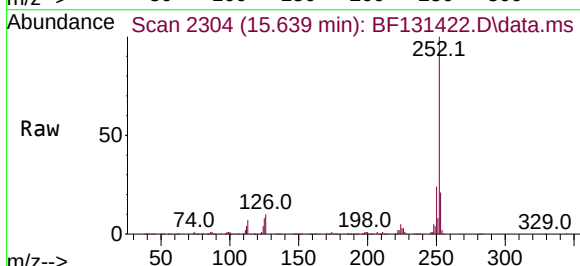
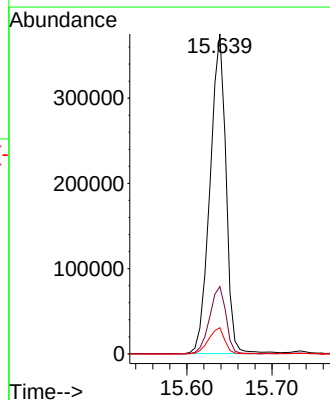
Tgt Ion:252 Resp: 488310

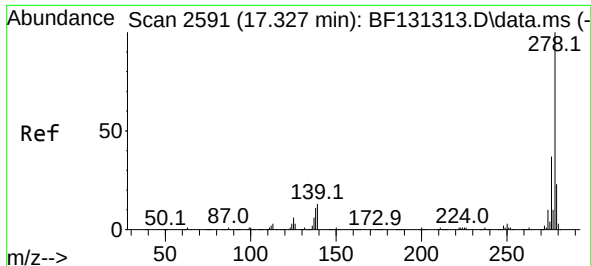
Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

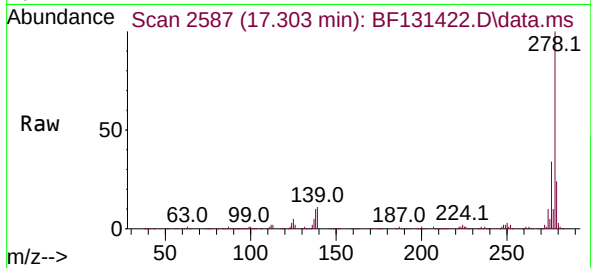
125 8.2 6.1 9.1





#91
Dibenzo(a,h)anthracene
Concen: 48.212 ng
RT: 17.303 min Scan# 2587
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38

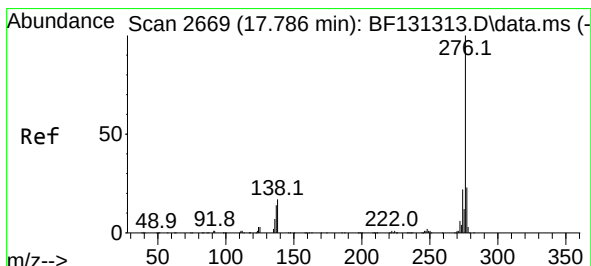
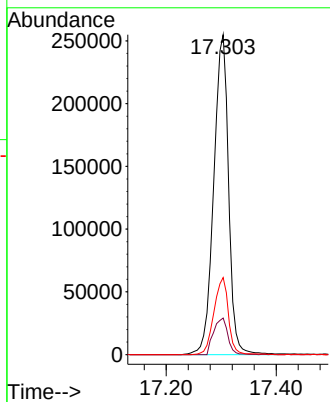
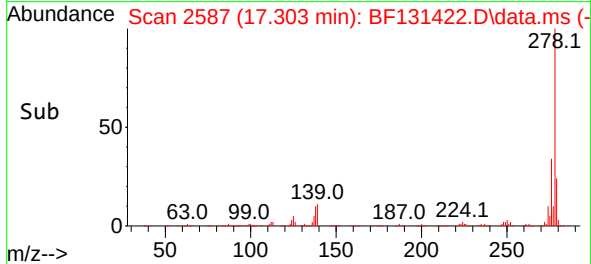
Instrument :
BNA_F
ClientSampleId :
PB149277BS



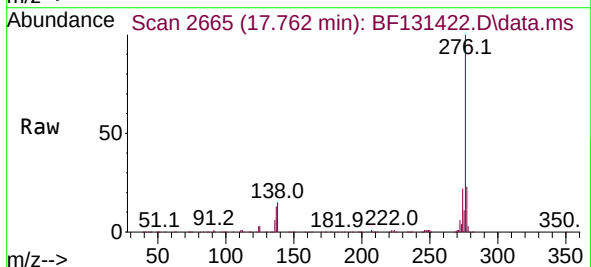
Tgt Ion:278 Resp: 478539
Ion Ratio Lower Upper
278 100
139 11.4 10.4 15.6
279 24.1 18.3 27.5

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 48.768 ng
RT: 17.762 min Scan# 2665
Delta R.T. 0.006 min
Lab File: BF131422.D
Acq: 28 Nov 2022 10:38



Tgt Ion:276 Resp: 483120
Ion Ratio Lower Upper
276 100
277 23.5 18.3 27.5
138 15.3 13.8 20.6

