

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
 Data File : BF131460.D
 Acq On : 29 Nov 2022 17:04
 Operator : CG\JU
 Sample : N5780-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-MMS

Quant Time: Nov 30 01:06:43 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

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	157552	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	600849	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	330604	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	580763	20.000	ng	# 0.00
76) Chrysene-d12	14.157	240	374290	20.000	ng	#-0.01
86) Perylene-d12	15.686	264	317620	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1074135	129.755	ng	0.04
7) Phenol-d6	6.581	99	1320686	125.041	ng	0.00
23) Nitrobenzene-d5	7.516	82	951086	79.792	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	423984	152.436	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1689454	74.344	ng	0.00
79) Terphenyl-d14	13.098	244	1859810	81.255	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.022	88	162791m	41.249	ng	
3) Pyridine	3.704	79	401478	36.636	ng	88
4) n-Nitrosodimethylamine	3.651	42	235235	36.400	ng	# 73
6) Aniline	6.610	93	287593m	20.777	ng	
8) 2-Chlorophenol	6.734	128	459774	49.024	ng	96
9) Benzaldehyde	6.504	77	213226	31.052	ng	91
10) Phenol	6.592	94	494251m	42.206	ng	
11) bis(2-Chloroethyl)ether	6.687	93	456936	46.572	ng	96
12) 1,3-Dichlorobenzene	6.887	146	452087	40.446	ng	98
13) 1,4-Dichlorobenzene	6.963	146	453583	39.937	ng	100
14) 1,2-Dichlorobenzene	7.116	146	443040	42.365	ng	98
15) Benzyl Alcohol	7.092	79	409487	47.283	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.222	45	729137	38.859	ng	94
17) 2-Methylphenol	7.198	107	383356	47.959	ng	97
18) Hexachloroethane	7.463	117	168956	41.585	ng	99
19) n-Nitroso-di-n-propyla...	7.369	70	325251	42.066	ng	88
20) 3+4-Methylphenols	7.351	107	431169m	42.246	ng	
22) Acetophenone	7.363	105	619065	40.477	ng	# 95
24) Nitrobenzene	7.539	77	502923	40.497	ng	92
25) Isophorone	7.775	82	936490	44.038	ng	97
26) 2-Nitrophenol	7.851	139	238192	57.286	ng	85
27) 2,4-Dimethylphenol	7.886	122	431983	52.400	ng	95
28) bis(2-Chloroethoxy)met...	7.981	93	565288	46.802	ng	99
29) 2,4-Dichlorophenol	8.092	162	397728	44.477	ng	99
30) 1,2,4-Trichlorobenzene	8.175	180	425268	38.389	ng	99
31) Naphthalene	8.263	128	1419200	44.324	ng	99
32) Benzoic acid	7.987	122	137317	31.478	ng	94
33) 4-Chloroaniline	8.304	127	115449	9.140	ng	94
34) Hexachlorobutadiene	8.369	225	250708	34.951	ng	97
35) Caprolactam	8.686	113	106465m	45.307	ng	
36) 4-Chloro-3-methylphenol	8.792	107	421373	45.355	ng	99
37) 2-Methylnaphthalene	8.957	142	884813	40.785	ng	99
38) 1-Methylnaphthalene	9.057	142	835852	39.732	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	426512	39.755	ng	99
41) Hexachlorocyclopentadiene	9.104	237	469921	97.434	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	298027	48.968	ng	99

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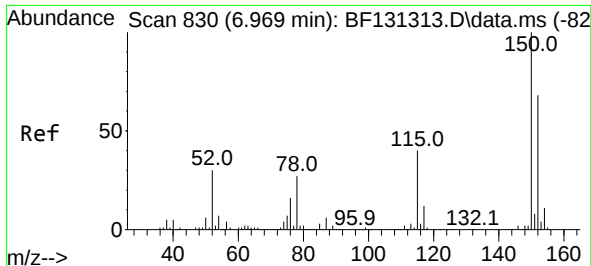
Manual Integrations
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Quant Time : Nov 30 01:06:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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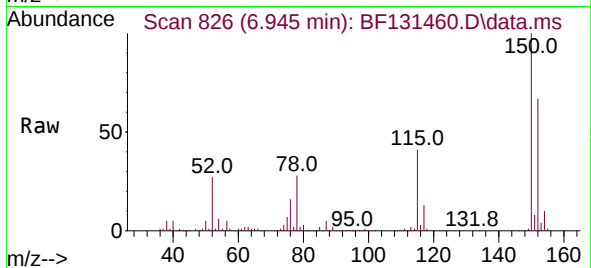
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	314895	46.012	ng	98
46) 1,1'-Biphenyl	9.422	154	1069245	42.382	ng	97
47) 2-Chloronaphthalene	9.445	162	834777	41.247	ng	99
48) 2-Nitroaniline	9.545	65	286729	46.661	ng	92
49) Acenaphthylene	9.869	152	1291999	41.878	ng	99
50) Dimethylphthalate	9.728	163	980784	42.579	ng	98
51) 2,6-Dinitrotoluene	9.786	165	223641	48.549	ng	84
52) Acenaphthene	10.039	154	838963	43.427	ng	99
53) 3-Nitroaniline	9.957	138	115698	24.442	ng	97
54) 2,4-Dinitrophenol	10.063	184	139592	70.312	ng	# 80
55) Dibenzofuran	10.210	168	1140378	41.031	ng	97
56) 4-Nitrophenol	10.122	139	319875	97.370	ng	87
57) 2,4-Dinitrotoluene	10.192	165	295339	50.955	ng	96
58) Fluorene	10.557	166	870798	40.145	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	261755	45.926	ng	95
60) Diethylphthalate	10.428	149	889583	40.901	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	447317	40.227	ng	97
62) 4-Nitroaniline	10.580	138	216948	46.053	ng	87
63) Azobenzene	10.710	77	920240	39.350	ng	91
65) 4,6-Dinitro-2-methylph...	10.604	198	112227	45.724	ng	# 69
66) n-Nitrosodiphenylamine	10.669	169	775357	41.898	ng	99
67) 4-Bromophenyl-phenylether	11.039	248	293504	41.234	ng	99
68) Hexachlorobenzene	11.104	284	315264	41.731	ng	92
69) Atrazine	11.198	200	278246	48.834	ng	99
70) Pentachlorophenol	11.298	266	330916	75.666	ng	99
71) Phenanthrene	11.527	178	1273041	40.560	ng	100
72) Anthracene	11.580	178	1295034	41.985	ng	100
73) Carbazole	11.733	167	1160478	44.105	ng	98
74) Di-n-butylphthalate	12.057	149	1362289	43.939	ng	99
75) Fluoranthene	12.721	202	1342593	40.595	ng	98
77) Benzidine	12.839	184	253629	36.686	ng	96
78) Pyrene	12.951	202	1375750	41.660	ng	100
80) Butylbenzylphthalate	13.568	149	532559	47.940	ng	96
81) Benzo(a)anthracene	14.145	228	1089982	42.485	ng	99
82) 3,3'-Dichlorobenzidine	14.104	252	159125	23.373	ng	99
83) Chrysene	14.186	228	1032588	41.023	ng	99
84) Bis(2-ethylhexyl)phtha...	14.127	149	698383	47.417	ng	# 98
85) Di-n-octyl phthalate	14.751	149	1076630	50.542	ng	94
87) Indeno(1,2,3-cd)pyrene	17.256	276	938749	44.005	ng	97
88) Benzo(b)fluoranthene	15.233	252	986884m	46.771	ng	
89) Benzo(k)fluoranthene	15.268	252	870339	40.138	ng	99
90) Benzo(a)pyrene	15.627	252	791724	45.729	ng	# 98
91) Dibenzo(a,h)anthracene	17.280	278	788257	44.756	ng	97
92) Benzo(g,h,i)perylene	17.739	276	798182	45.407	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

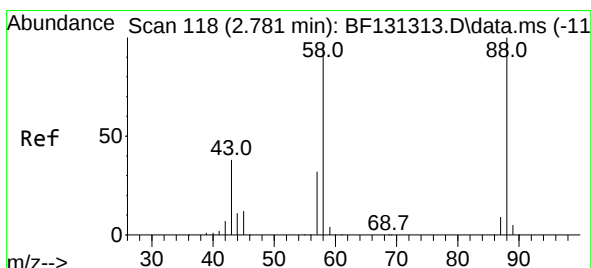
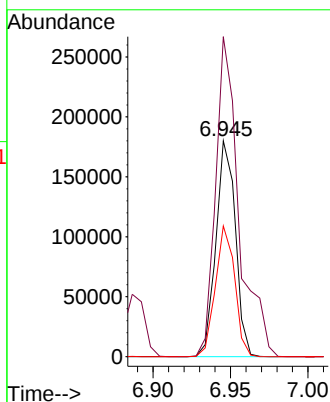
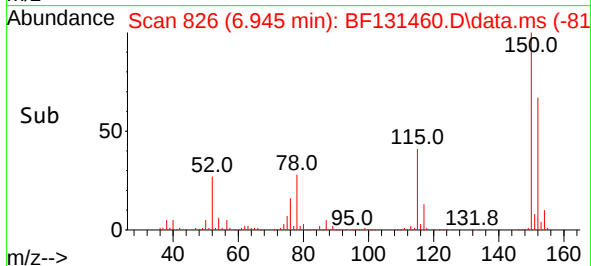
Instrument :
BNA_F
ClientSampleId :
TP-MMS



Tgt Ion:152 Resp: 157552
Ion Ratio Lower Upper
152 100
150 148.3 117.8 176.8
115 60.5 47.1 70.7

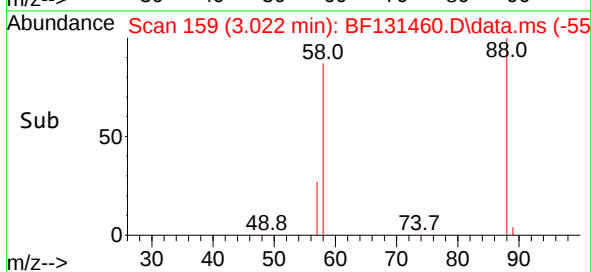
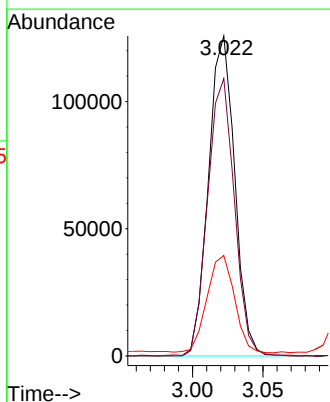
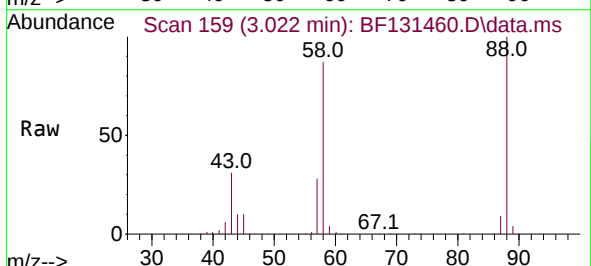
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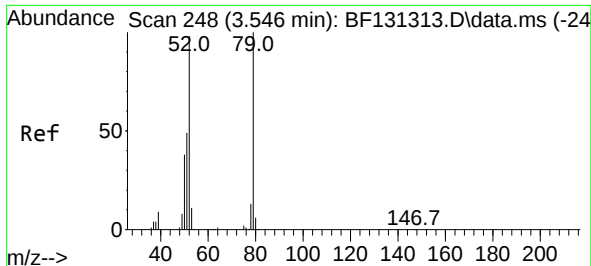
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#2
1,4-Dioxane
Concen: 41.249 ng m
RT: 3.022 min Scan# 159
Delta R.T. 0.265 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

Tgt Ion: 88 Resp: 162791
Ion Ratio Lower Upper
88 100
58 85.9 78.2 117.4
43 0.0 31.6 47.4#





#3

Pyridine

Concen: 36.636 ng

RT: 3.704 min Scan# 21

Delta R.T. 0.170 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

Instrument :

BNA_F

ClientSampleId :

TP-MMS

Tgt Ion: 79 Resp: 401478

Ion Ratio Lower Upper

79 100

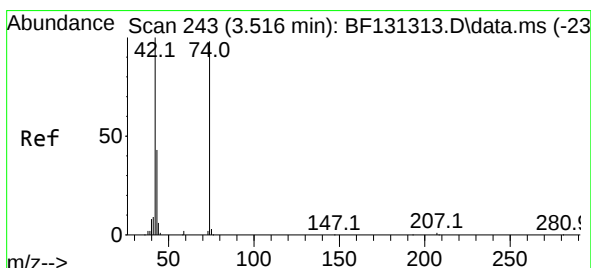
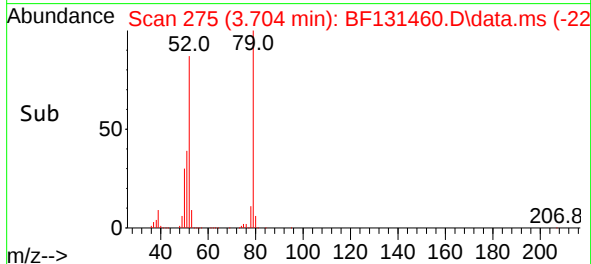
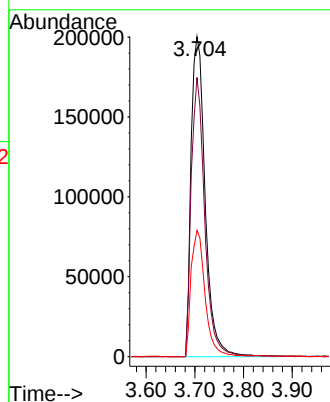
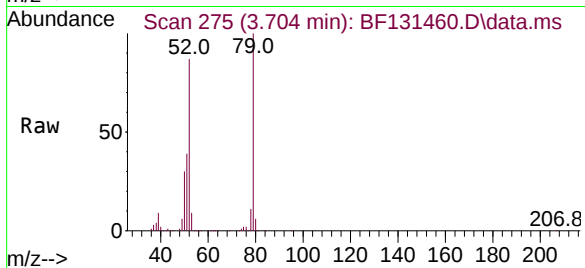
52 87.2 78.7 118.1

51 39.4 39.3 58.9

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#4

n-Nitrosodimethylamine

Concen: 36.400 ng

RT: 3.651 min Scan# 266

Delta R.T. 0.153 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

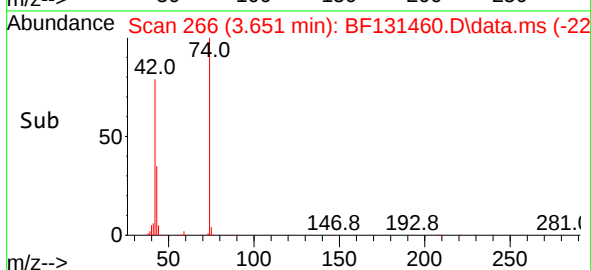
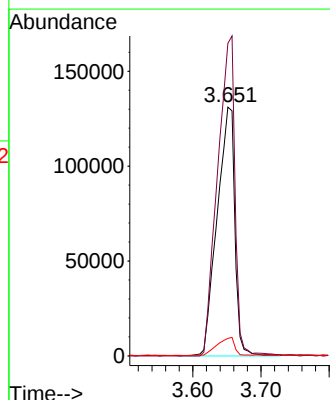
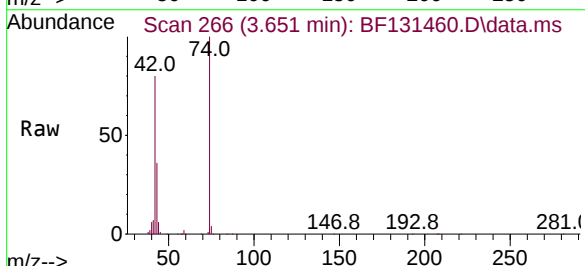
Tgt Ion: 42 Resp: 235235

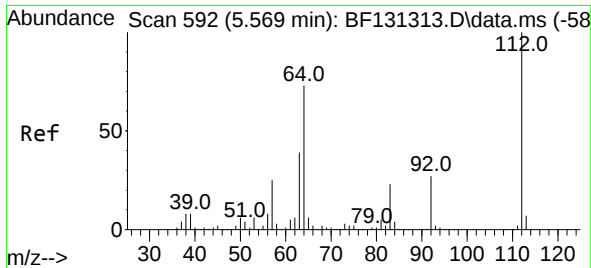
Ion Ratio Lower Upper

42 100

74 125.7 78.0 117.0#

44 7.0 5.2 7.8





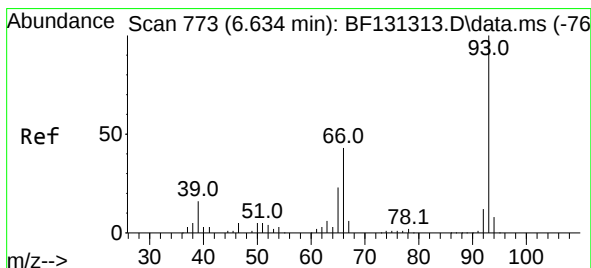
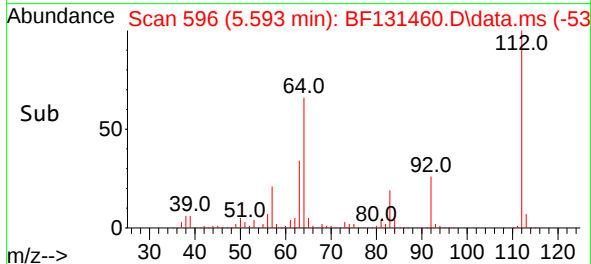
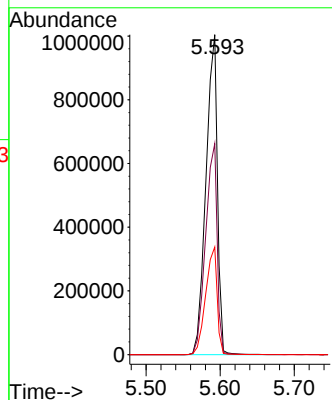
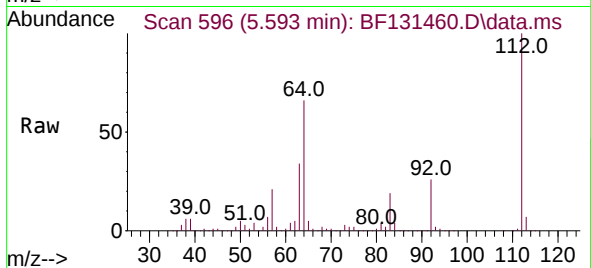
#5
2-Fluorophenol
Concen: 129.755 ng
RT: 5.593 min Scan# 592
Delta R.T. 0.035 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

Instrument :
BNA_F
ClientSampleId :
TP-MMS

Tgt Ion:112 Resp: 1074135
Ion Ratio Lower Upper
112 100
64 65.9 58.6 88.0
63 33.6 31.4 47.0

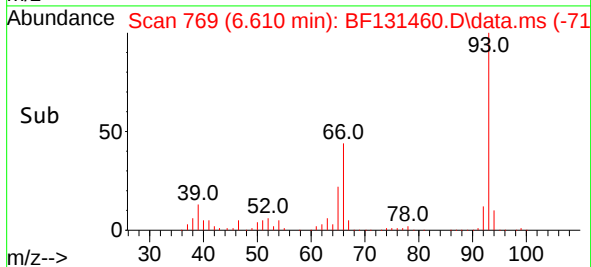
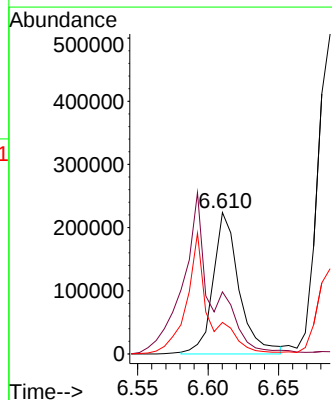
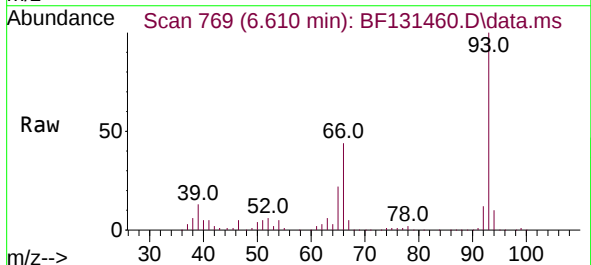
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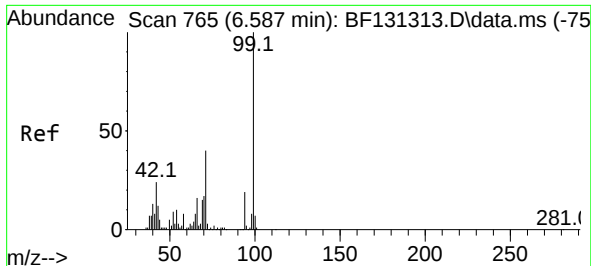
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#6
Aniline
Concen: 20.777 ng m
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

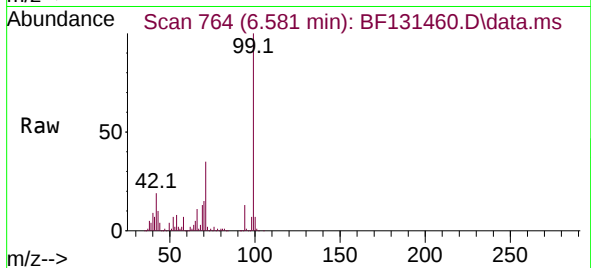
Tgt Ion: 93 Resp: 287593
Ion Ratio Lower Upper
93 100
66 43.8 35.6 53.4
65 22.2 18.4 27.6





#7
Phenol-d6
Concen: 125.041 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

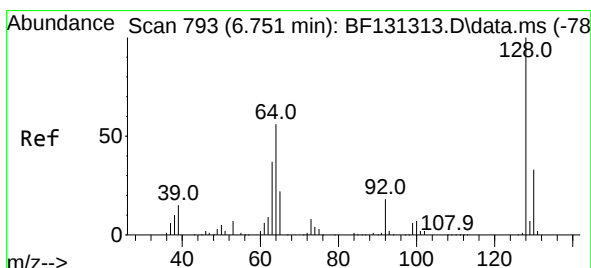
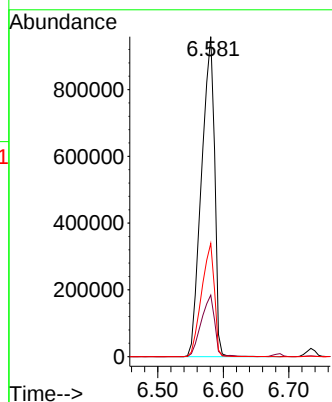
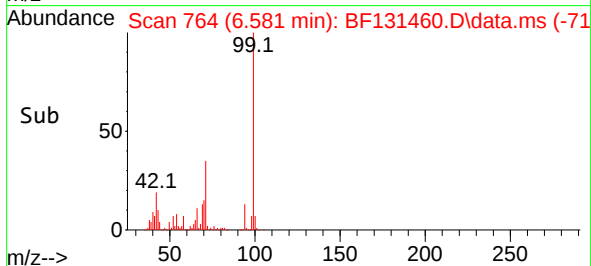
Instrument :
BNA_F
ClientSampleId :
TP-MMS



Tgt Ion: 99 Resp: 1320686
Ion Ratio Lower Upper
99 100
42 19.2 19.4 29.2
71 35.4 32.3 48.5

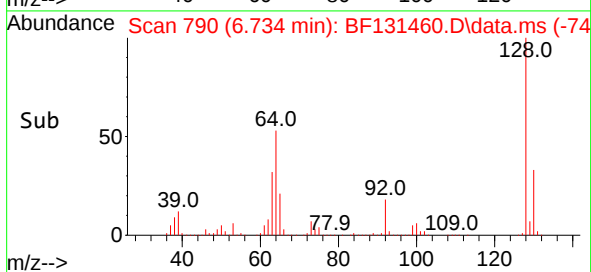
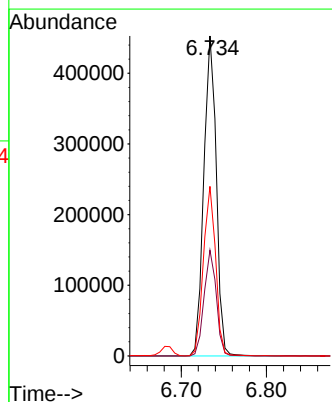
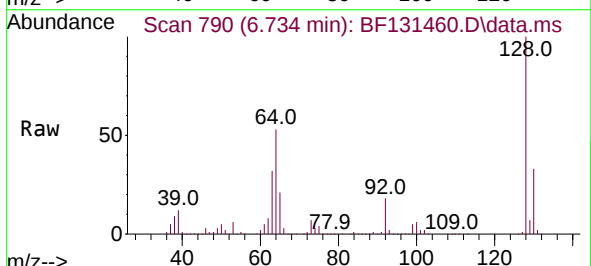
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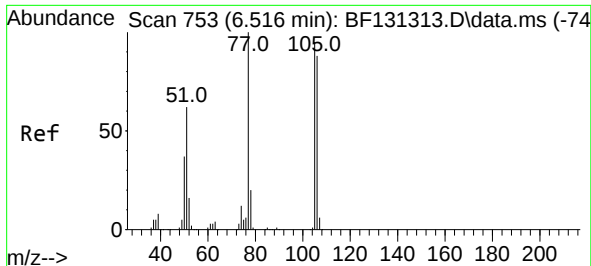
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#8
2-Chlorophenol
Concen: 49.024 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

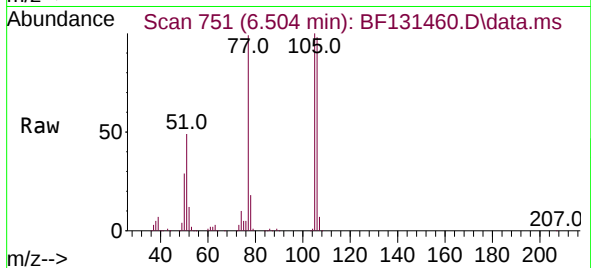
Tgt Ion:128 Resp: 459774
Ion Ratio Lower Upper
128 100
130 33.0 12.5 52.5
64 53.0 36.9 76.9





#9
Benzaldehyde
Concen: 31.052 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

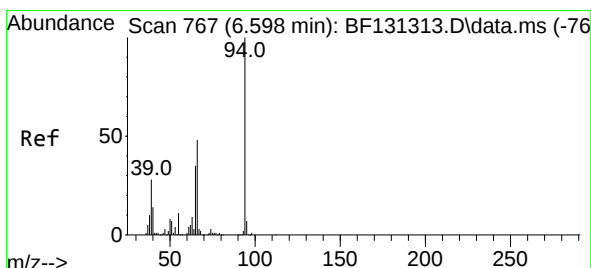
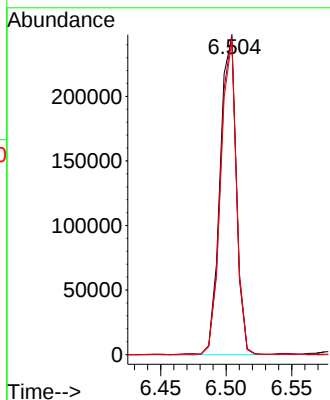
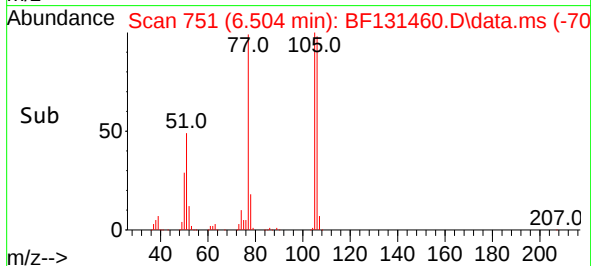
Instrument :
BNA_F
ClientSampleId :
TP-MMS



Tgt Ion: 77 Resp: 213226
Ion Ratio Lower Upper
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105 100.8 74.5 114.5
106 99.1 68.1 108.1

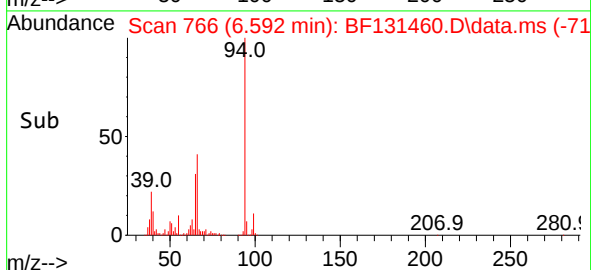
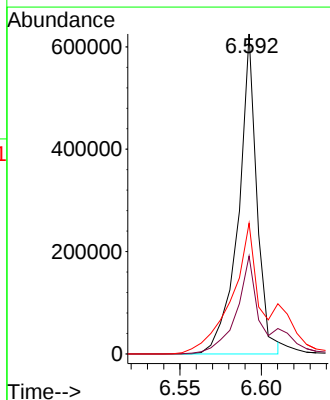
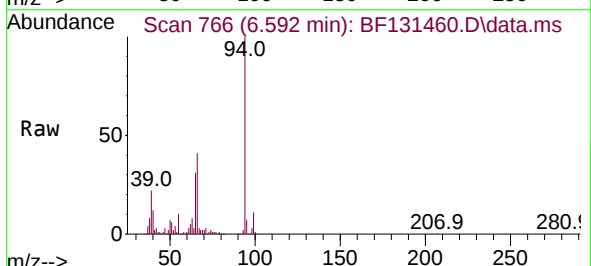
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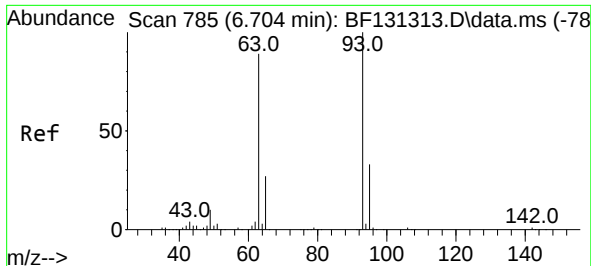
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#10
Phenol
Concen: 42.206 ng m
RT: 6.592 min Scan# 766
Delta R.T. 0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

Tgt Ion: 94 Resp: 494251
Ion Ratio Lower Upper
94 100
65 30.6 15.0 55.0
66 40.9 28.6 68.6





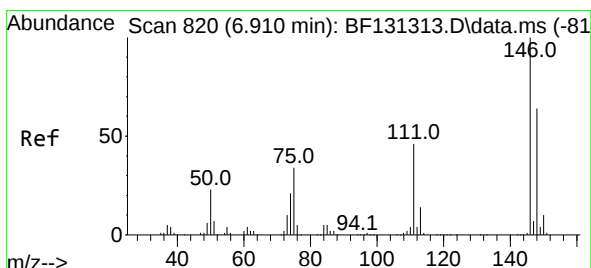
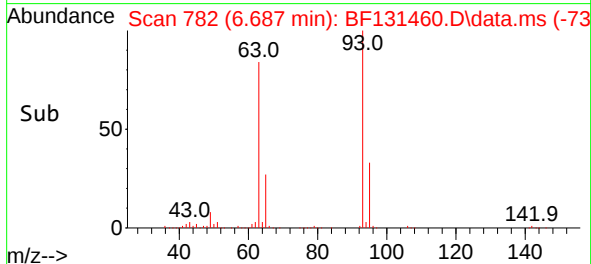
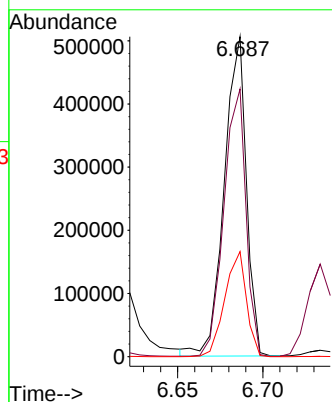
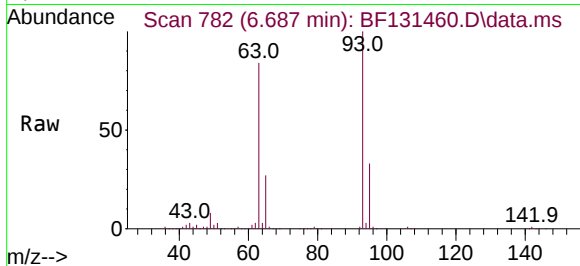
#11
bis(2-Chloroethyl)ether
Concen: 46.572 ng
RT: 6.687 min Scan# 785
Delta R.T. -0.000 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

Instrument :
BNA_F
ClientSampleId :
TP-MMS

Tgt Ion: 93 Resp: 456936
Ion Ratio Lower Upper
93 100
63 83.6 68.6 108.6
95 32.8 13.1 53.1

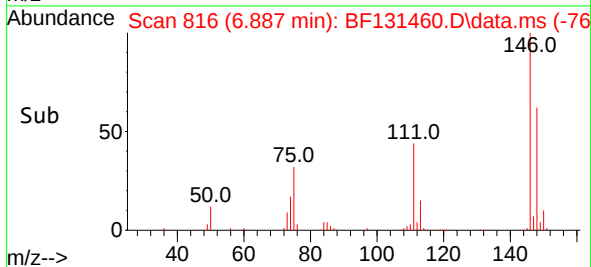
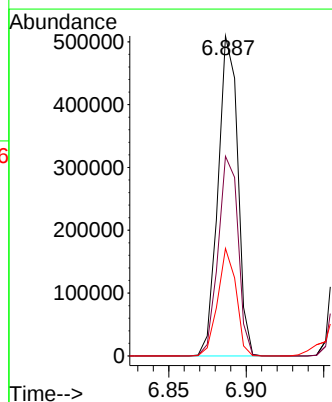
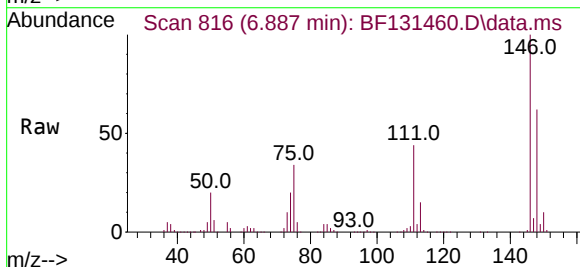
Manual Integrations
APPROVED

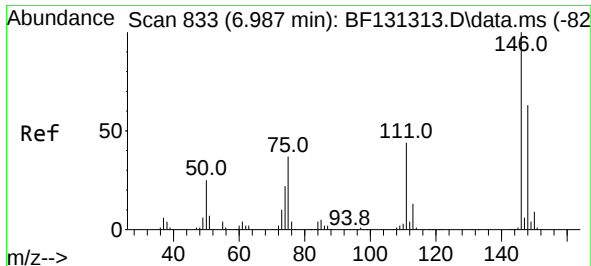
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#12
1,3-Dichlorobenzene
Concen: 40.446 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

Tgt Ion:146 Resp: 452087
Ion Ratio Lower Upper
146 100
148 62.4 51.4 77.2
75 33.6 27.6 41.4





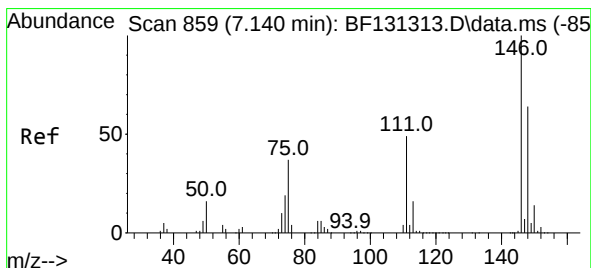
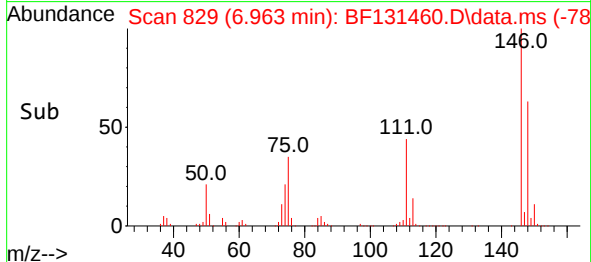
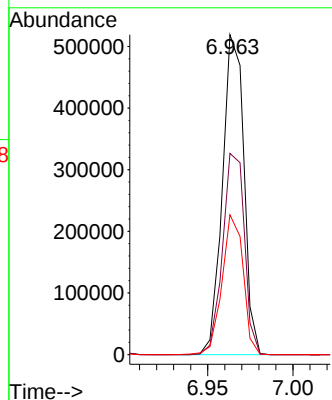
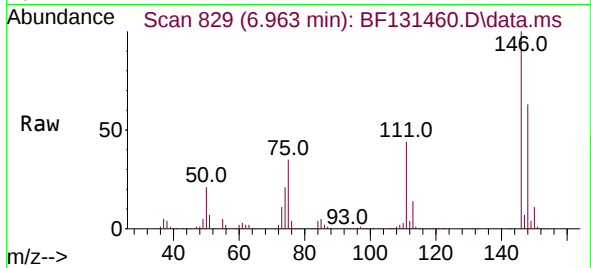
#13
1,4-Dichlorobenzene
Concen: 39.937 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

Instrument :
BNA_F
ClientSampleId :
TP-MMS

Tgt Ion:146 Resp: 453583
Ion Ratio Lower Upper
146 100
148 62.9 50.2 75.2
111 43.7 35.0 52.6

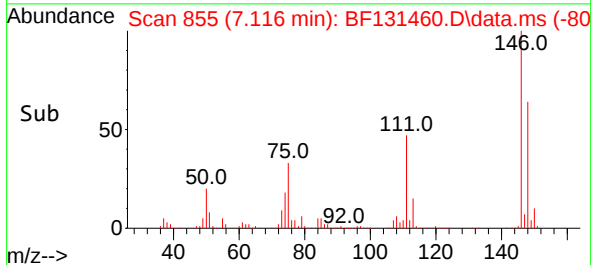
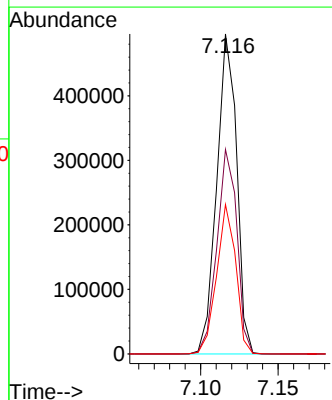
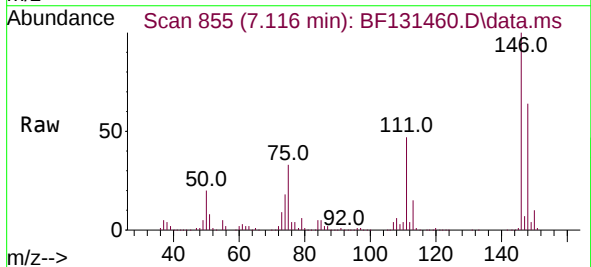
Manual Integrations
APPROVED

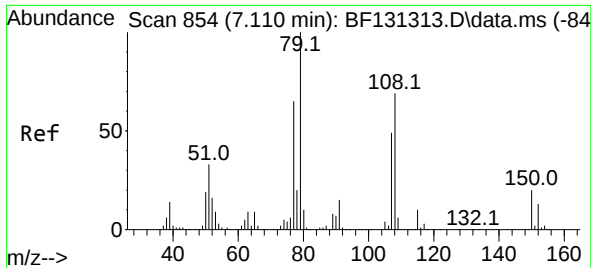
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#14
1,2-Dichlorobenzene
Concen: 42.365 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.012 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

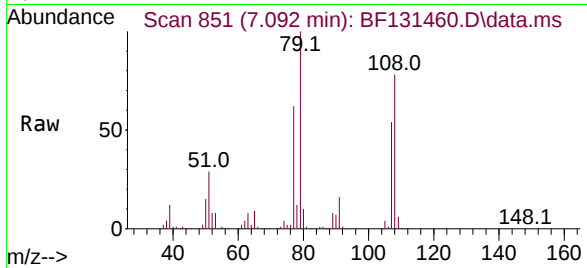
Tgt Ion:146 Resp: 443040
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
111 46.7 39.4 59.0





#15
Benzyl Alcohol
Concen: 47.283 ng
RT: 7.092 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

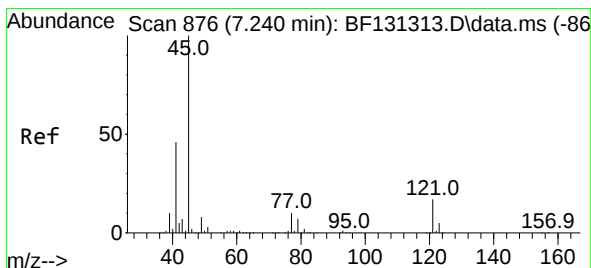
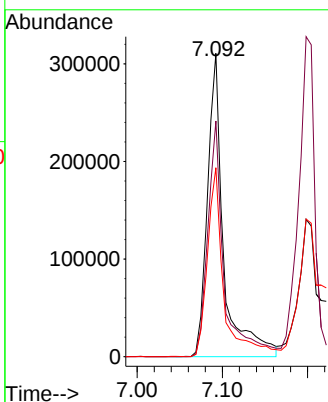
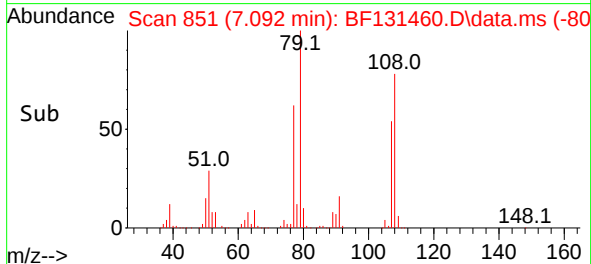
Instrument :
BNA_F
ClientSampleId :
TP-MMS



Tgt Ion: 79 Resp: 40948
Ion Ratio Lower Upper
79 100
108 77.7 55.1 82.7
77 62.3 51.8 77.8

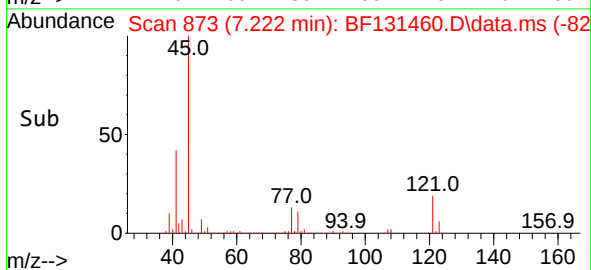
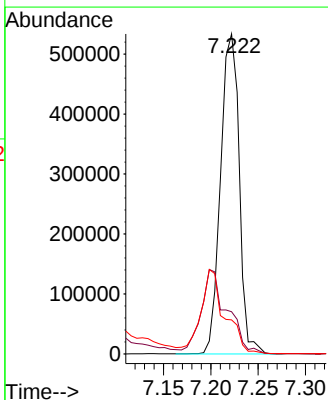
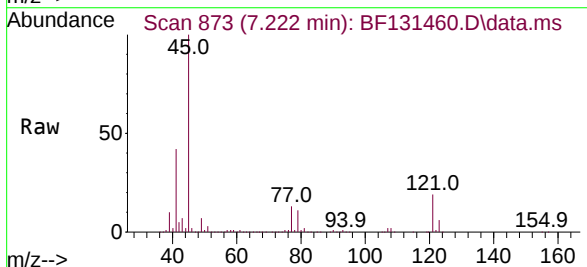
Manual Integrations
APPROVED

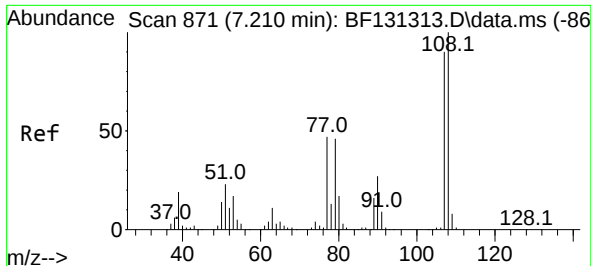
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.859 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

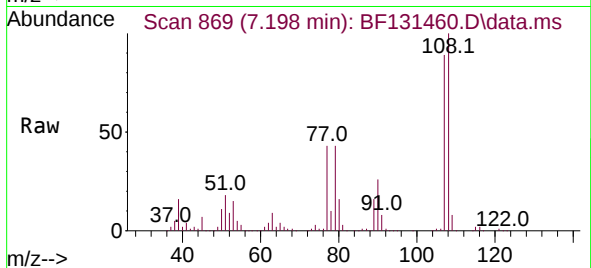
Tgt Ion: 45 Resp: 729137
Ion Ratio Lower Upper
45 100
77 13.2 0.0 31.2
79 10.6 0.0 28.4





#17
2-Methylphenol
Concen: 47.959 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

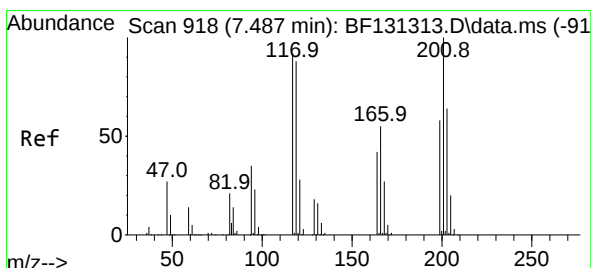
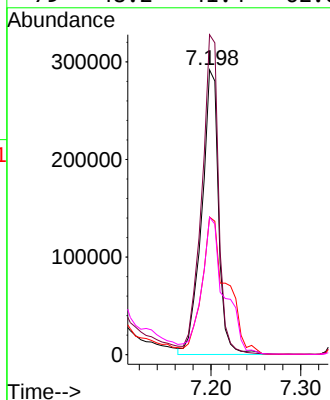
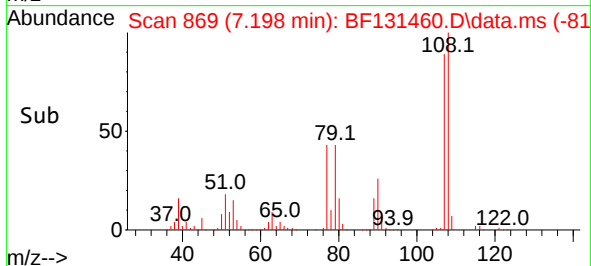
Instrument :
BNA_F
ClientSampleId :
TP-MMS



Tgt Ion:107 Resp: 383356
Ion Ratio Lower Upper
107 100
108 112.4 89.0 133.6
77 48.3 42.5 63.7
79 48.2 41.4 62.0

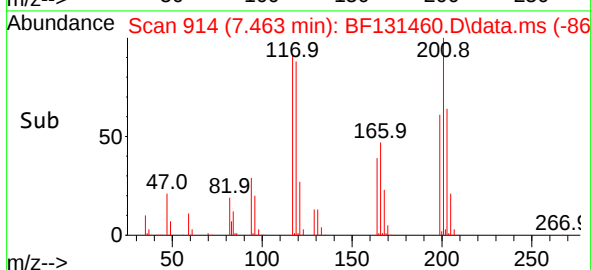
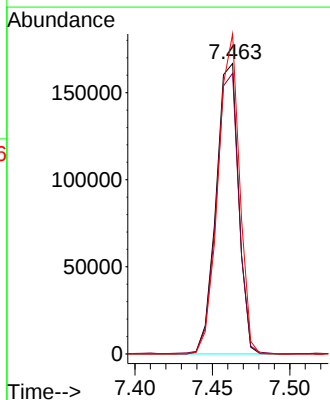
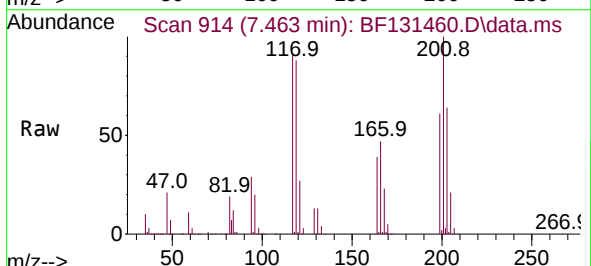
Manual Integrations
APPROVED

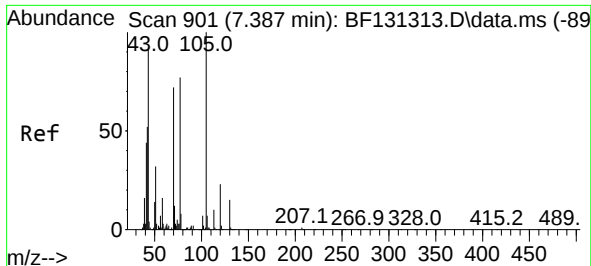
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#18
Hexachloroethane
Concen: 41.585 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

Tgt Ion:117 Resp: 168956
Ion Ratio Lower Upper
117 100
119 96.6 76.6 115.0
201 110.2 87.0 130.6





#19

n-Nitroso-di-n-propylamine

Concen: 42.066 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

Instrument :

BNA_F

ClientSampleId :

TP-MMS

Tgt Ion: 70 Resp: 32525

Ion Ratio Lower Upper

70 100

42 59.4 57.6 86.4

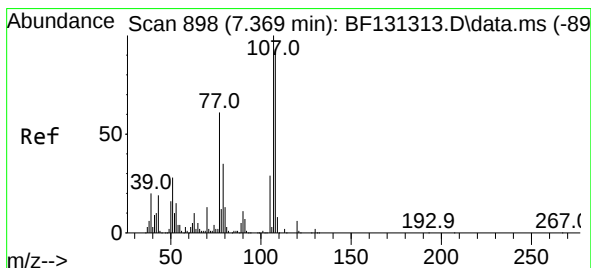
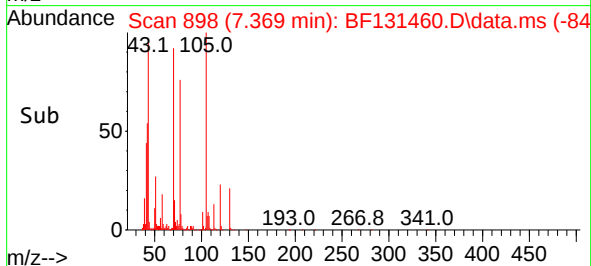
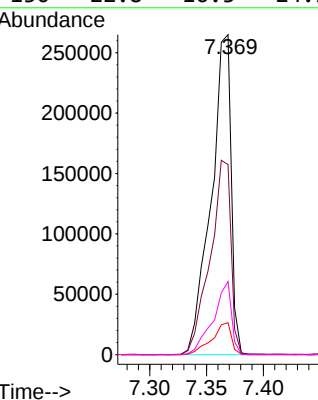
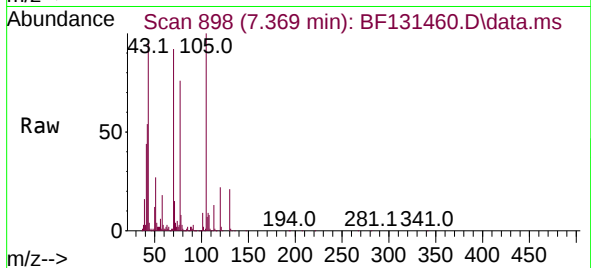
101 10.0 8.2 12.2

130 22.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#20

3+4-Methylphenols

Concen: 42.246 ng m

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

Tgt Ion:107 Resp: 431169

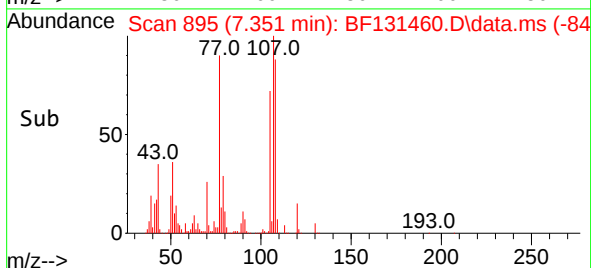
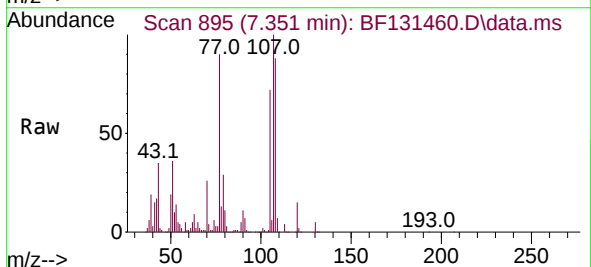
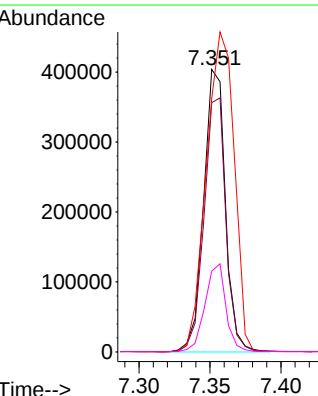
Ion Ratio Lower Upper

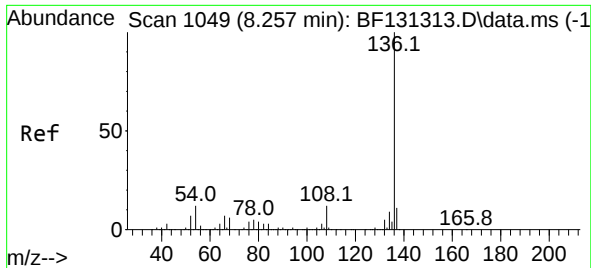
107 100

108 88.2 72.6 112.6

77 89.7 41.4 81.4#

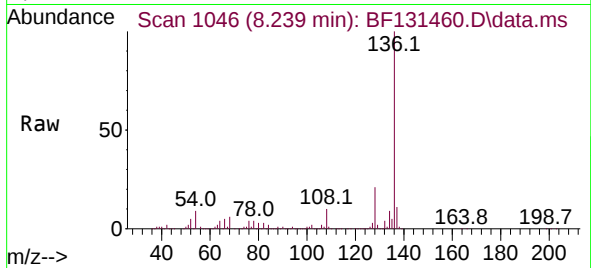
79 28.6 15.1 55.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

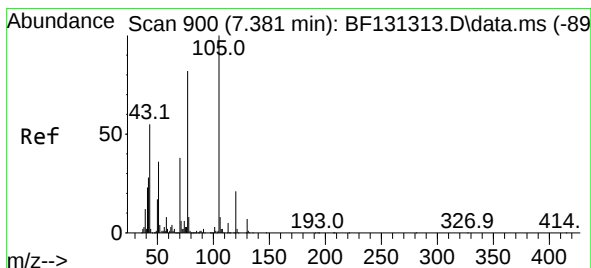
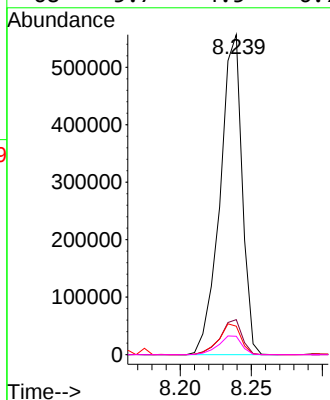
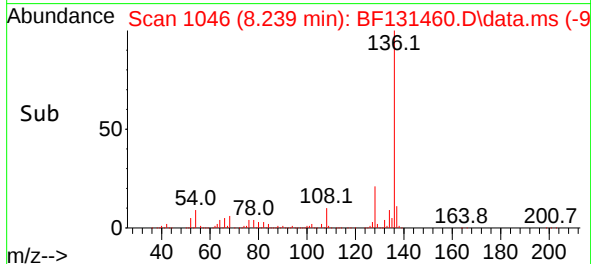
Instrument :
BNA_F
ClientSampleId :
TP-MMS



Tgt Ion:136 Resp: 600849
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.9 9.4 14.0
68 5.7 4.5 6.7

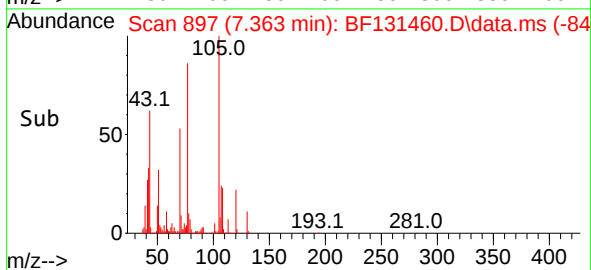
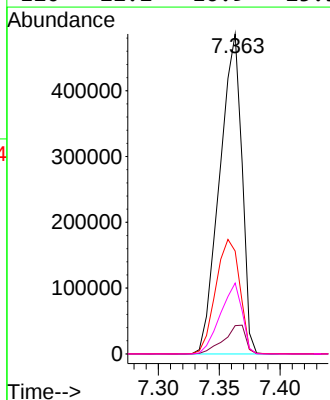
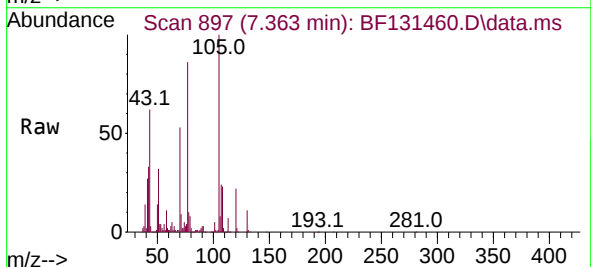
Manual Integrations
APPROVED

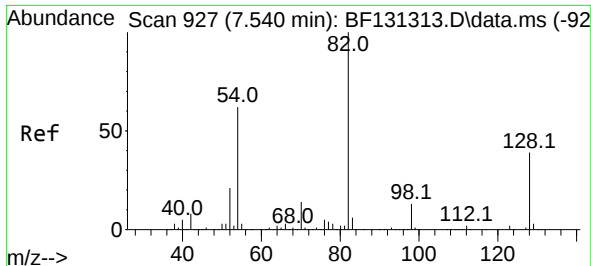
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#22
Acetophenone
Concen: 40.477 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

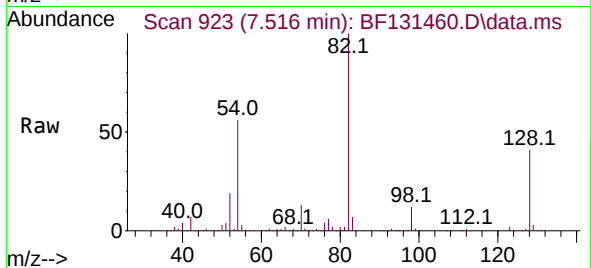
Tgt Ion:105 Resp: 619065
Ion Ratio Lower Upper
105 100
71 8.8 4.9 7.3#
51 32.1 29.0 43.4
120 22.2 16.9 25.3





#23
Nitrobenzene-d5
Concen: 79.792 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

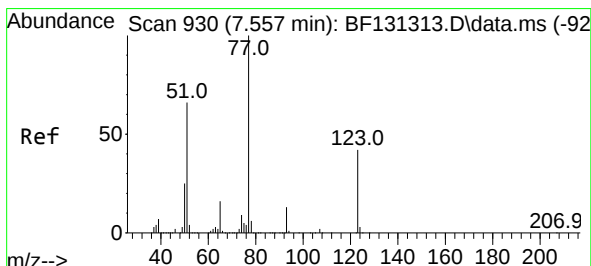
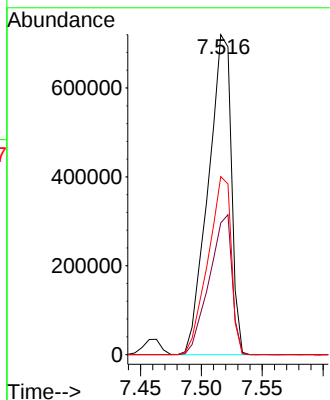
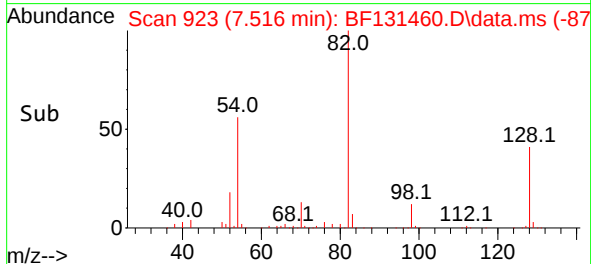
Instrument :
BNA_F
ClientSampleId :
TP-MMS



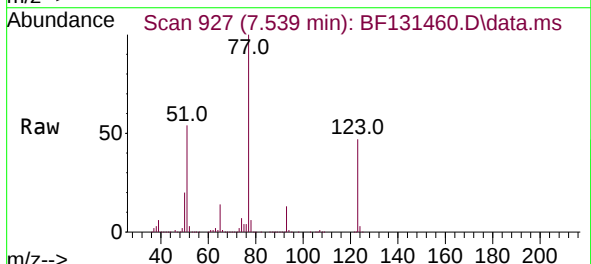
Tgt Ion: 82 Resp: 951086
Ion Ratio Lower Upper
82 100
128 41.1 31.4 47.0
54 55.6 49.8 74.6

Manual Integrations
APPROVED

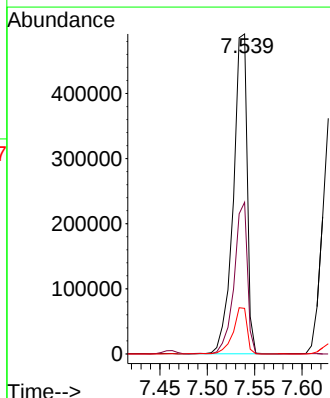
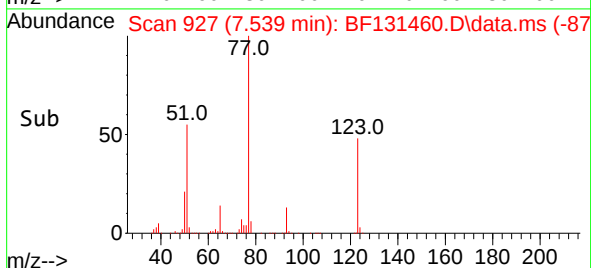
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

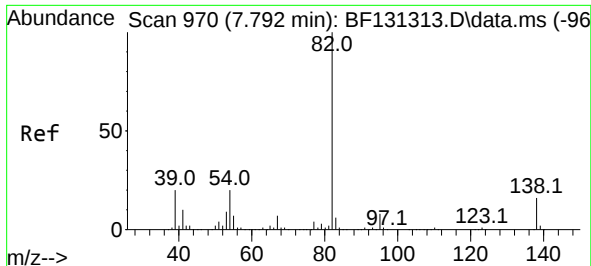


#24
Nitrobenzene
Concen: 40.497 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04



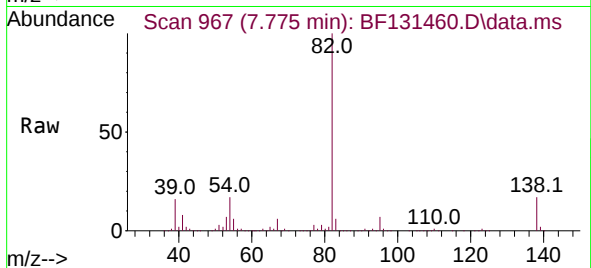
Tgt Ion: 77 Resp: 502923
Ion Ratio Lower Upper
77 100
123 47.4 33.3 49.9
65 14.3 12.7 19.1





#25
Isophorone
Concen: 44.038 ng
RT: 7.775 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

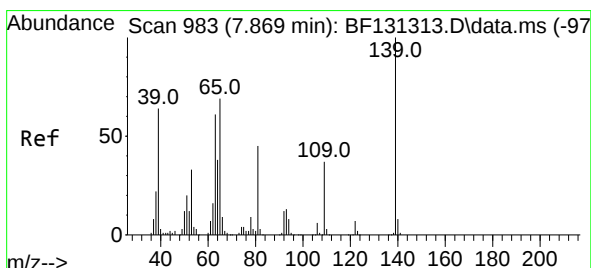
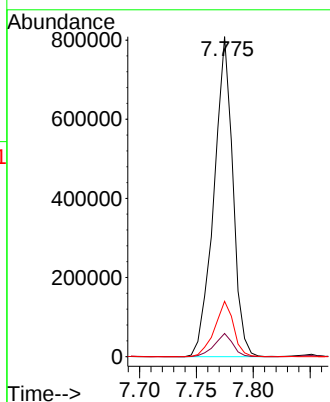
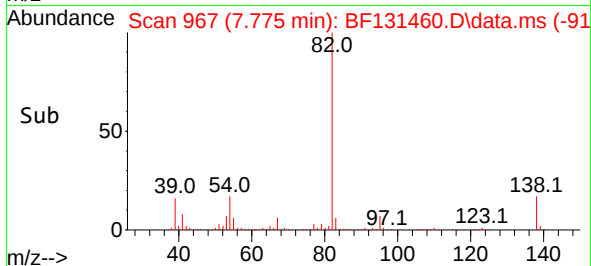
Instrument :
BNA_F
ClientSampleId :
TP-MMS



Tgt Ion: 82 Resp: 936490
Ion Ratio Lower Upper
82 100
95 7.2 6.2 9.2
138 17.3 12.7 19.1

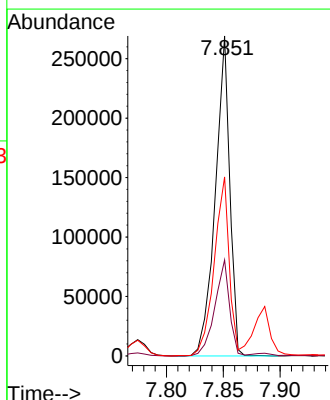
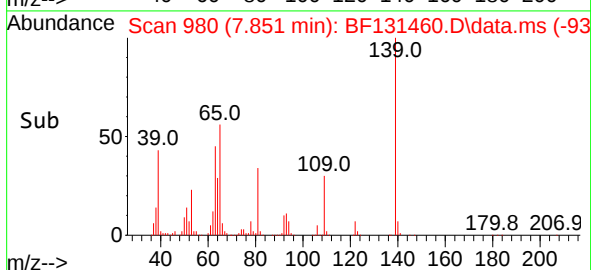
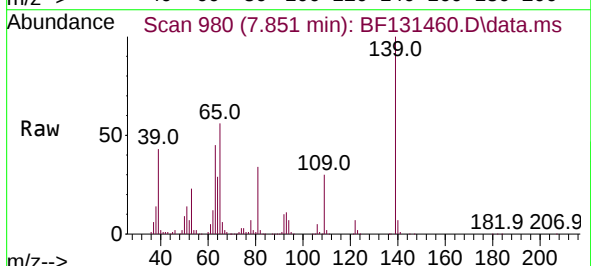
Manual Integrations
APPROVED

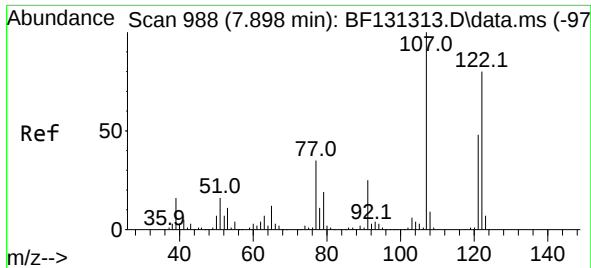
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#26
2-Nitrophenol
Concen: 57.286 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

Tgt Ion:139 Resp: 238192
Ion Ratio Lower Upper
139 100
109 30.0 29.9 44.9
65 55.9 55.7 83.5





#27

2,4-Dimethylphenol

Concen: 52.400 ng

RT: 7.886 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

Instrument :

BNA_F

ClientSampleId :

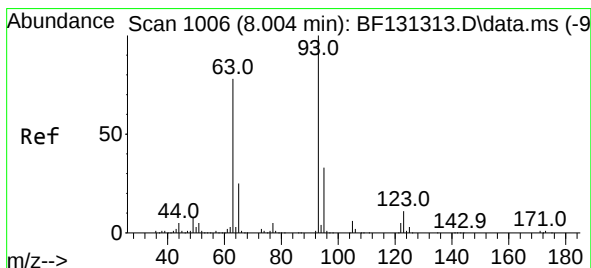
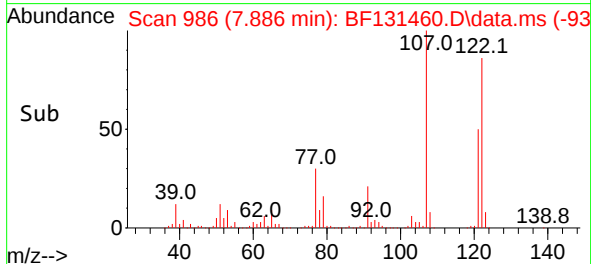
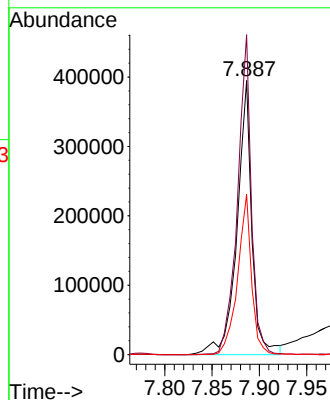
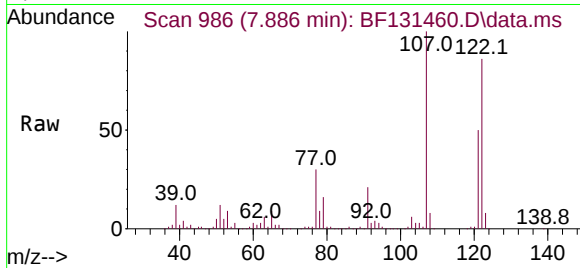
TP-MMS

Tgt Ion:122 Resp: 431983
 Ion Ratio Lower Upper
 122 100
 107 116.8 99.9 149.9
 121 58.5 47.4 71.2

Manual Integrations

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Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.802 ng

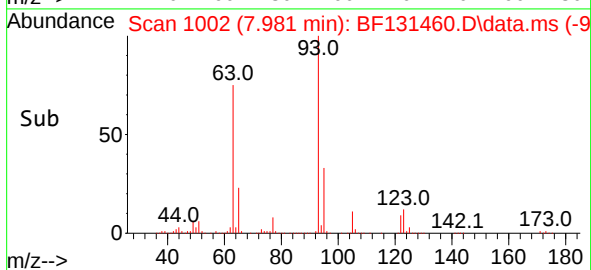
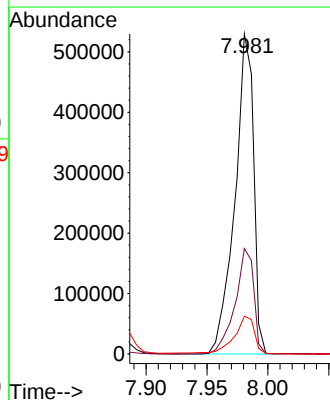
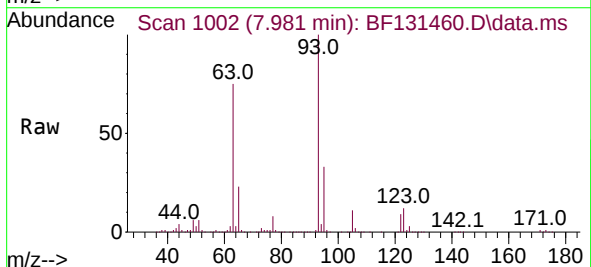
RT: 7.981 min Scan# 1002

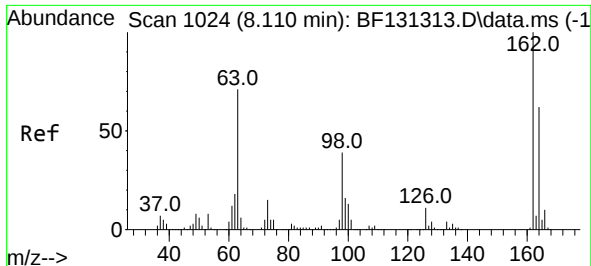
Delta R.T. -0.012 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

Tgt Ion: 93 Resp: 565288
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.4 39.6
 123 11.8 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 44.477 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

Instrument :

BNA_F

ClientSampleId :

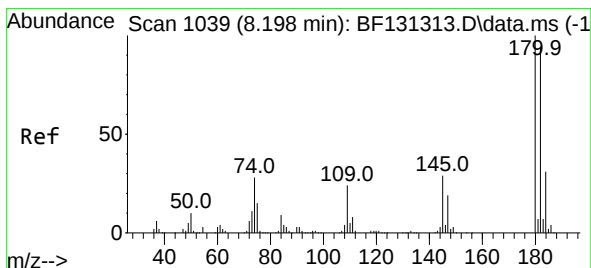
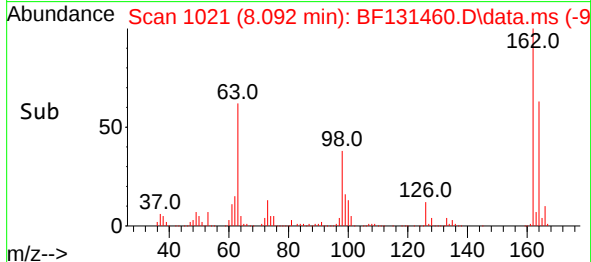
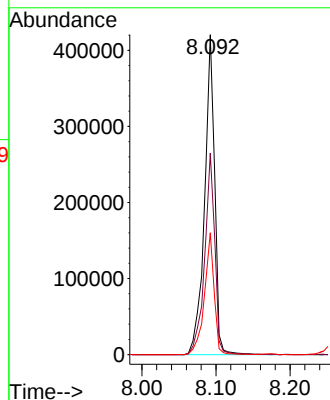
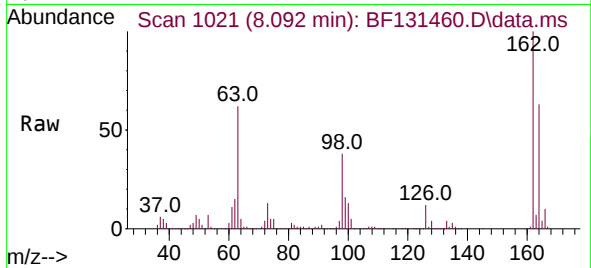
TP-MMS

Tgt Ion:162 Resp: 397728
 Ion Ratio Lower Upper
 162 100
 164 63.0 42.2 82.2
 98 38.1 18.8 58.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.389 ng

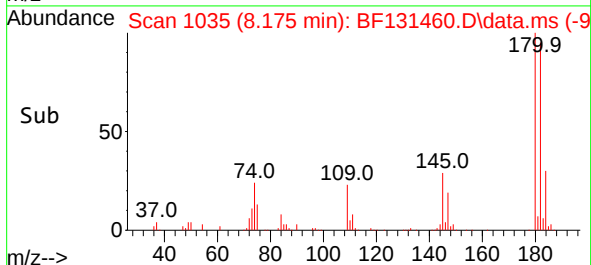
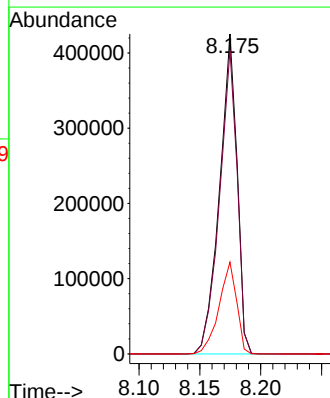
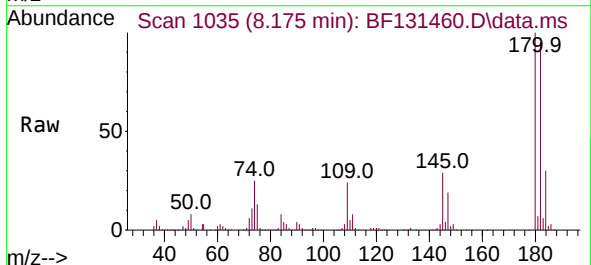
RT: 8.175 min Scan# 1035

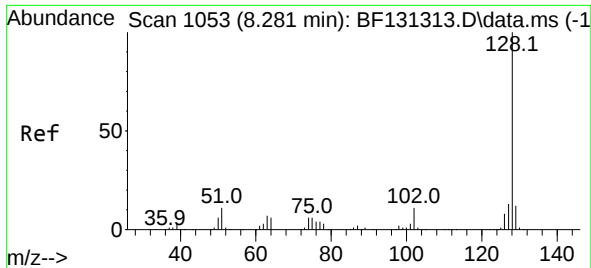
Delta R.T. -0.006 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

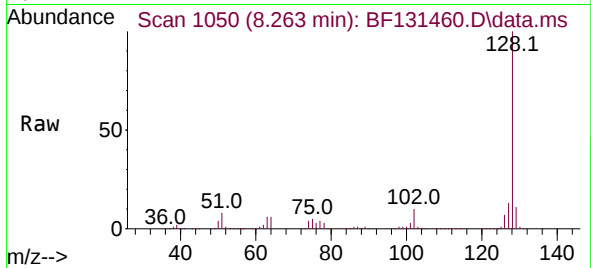
Tgt Ion:180 Resp: 425268
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.3 112.9
 145 28.7 23.4 35.0





#31
Naphthalene
Concen: 44.324 ng
RT: 8.263 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

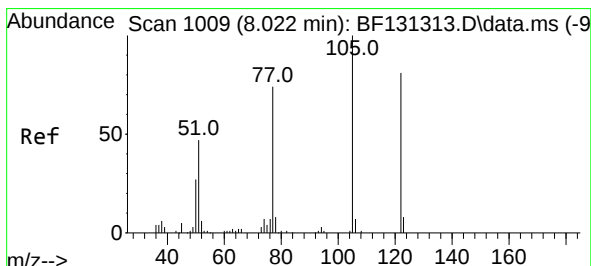
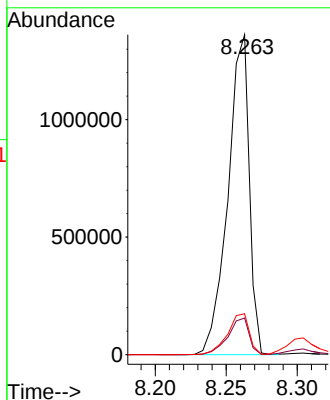
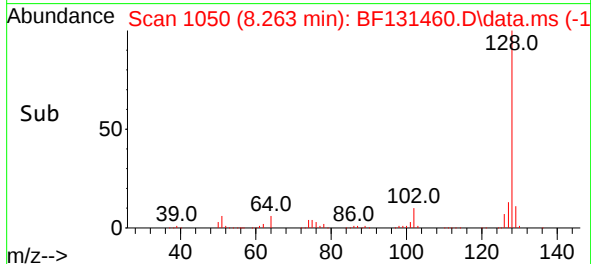
Instrument :
BNA_F
ClientSampleId :
TP-MMS



Tgt Ion:128 Resp: 1419200
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 12.8 10.6 16.0

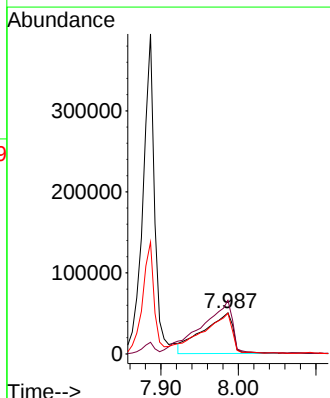
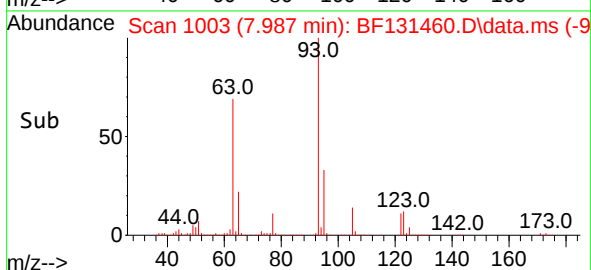
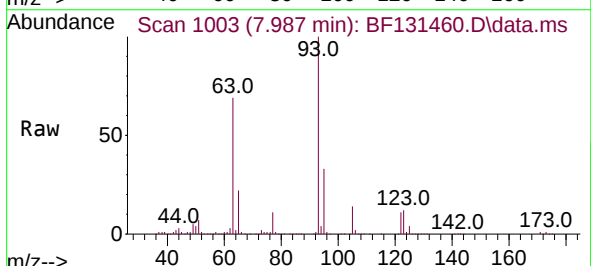
Manual Integrations
APPROVED

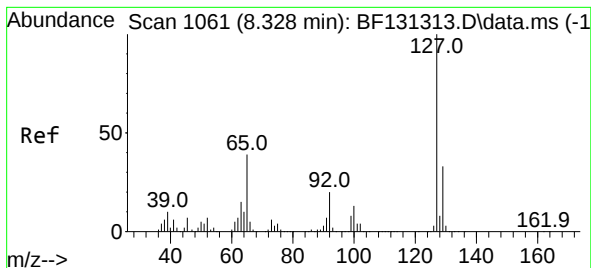
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#32
Benzoic acid
Concen: 31.478 ng
RT: 7.987 min Scan# 1003
Delta R.T. -0.018 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

Tgt Ion:122 Resp: 137317
Ion Ratio Lower Upper
122 100
105 130.7 103.8 143.8
77 99.0 74.3 114.3





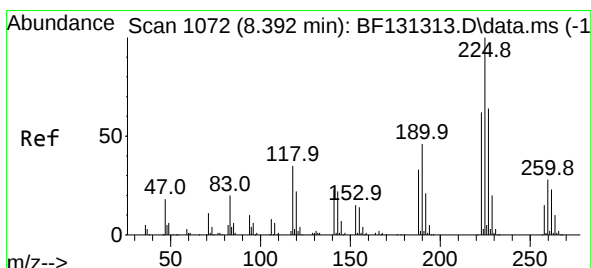
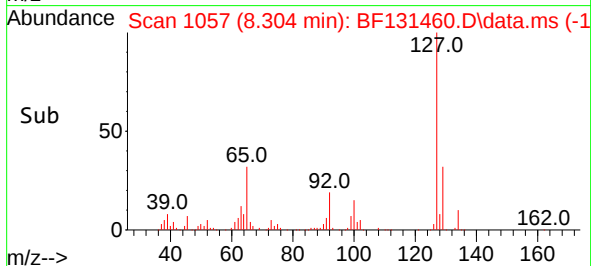
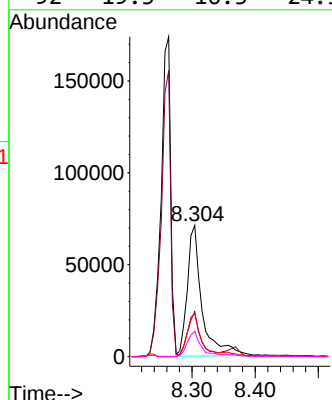
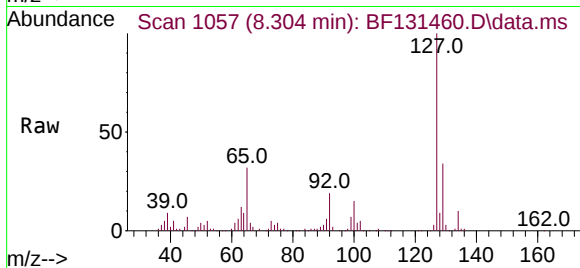
#33
4-Chloroaniline
Concen: 9.140 ng
RT: 8.304 min Scan# 1061
Delta R.T. -0.012 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

Instrument :
BNA_F
ClientSampleId :
TP-MMS

Tgt Ion:127 Resp: 115449
Ion Ratio Lower Upper
127 100
129 34.2 26.4 39.6
65 32.4 31.0 46.6
92 19.3 16.3 24.5

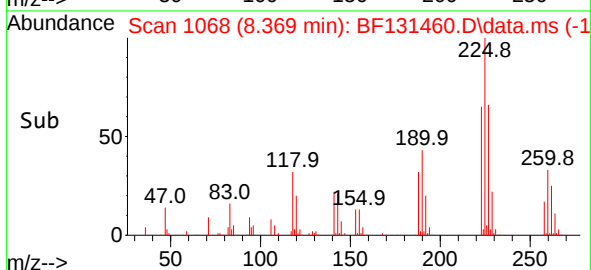
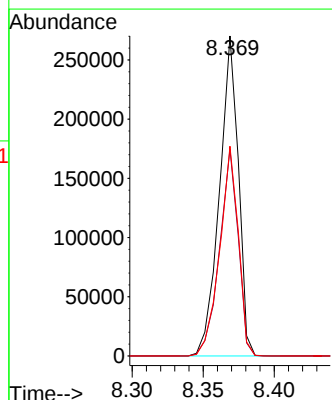
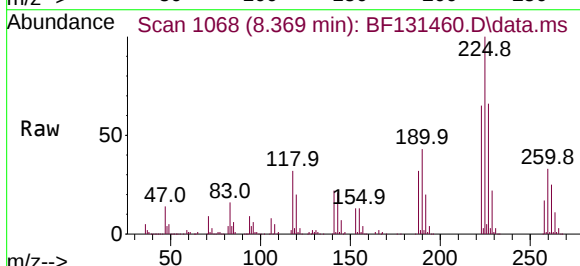
Manual Integrations
APPROVED

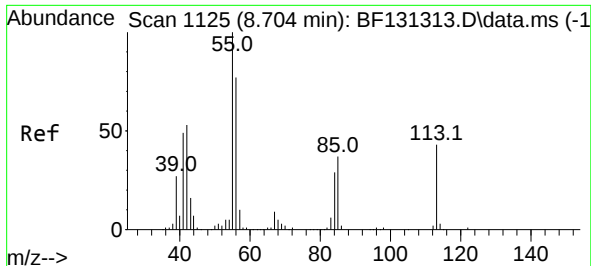
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#34
Hexachlorobutadiene
Concen: 34.951 ng
RT: 8.369 min Scan# 1068
Delta R.T. -0.012 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

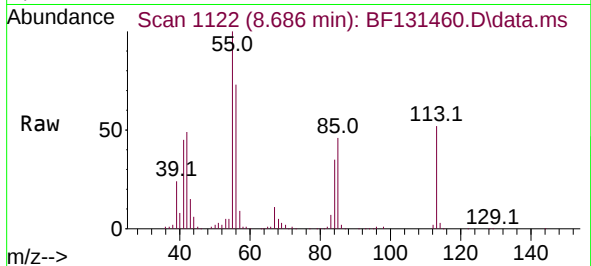
Tgt Ion:225 Resp: 250708
Ion Ratio Lower Upper
225 100
223 64.6 49.4 74.0
227 65.5 51.1 76.7





#35
 Caprolactam
 Concen: 45.307 ng m
 RT: 8.686 min Scan# 1125
 Delta R.T. -0.012 min
 Lab File: BF131460.D
 Acq: 29 Nov 2022 17:04

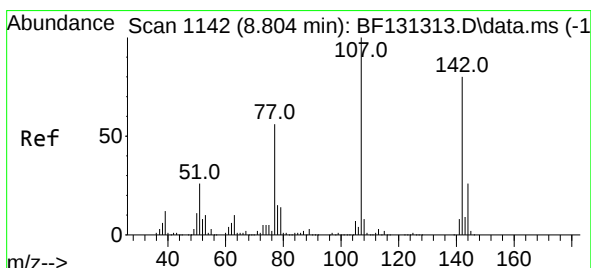
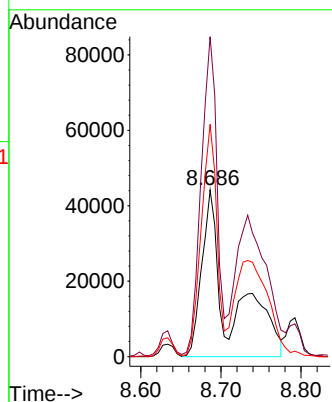
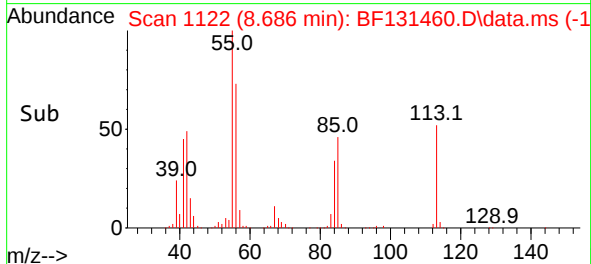
Instrument :
 BNA_F
 ClientSampleId :
 TP-MMS



Tgt Ion:113 Resp: 106465
 Ion Ratio Lower Upper
 113 100
 55 191.9 214.5 254.5
 56 139.3 159.4 199.4

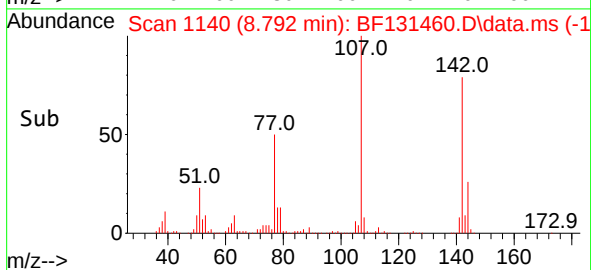
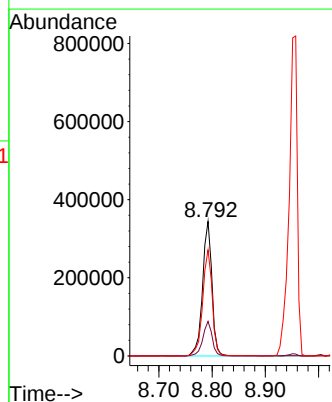
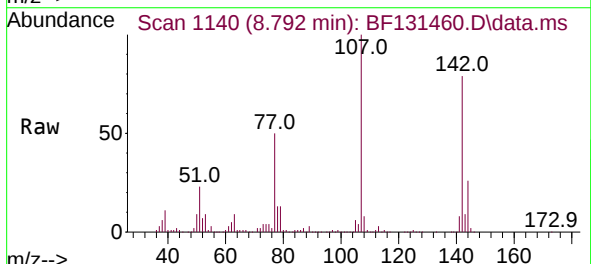
Manual Integrations
 APPROVED

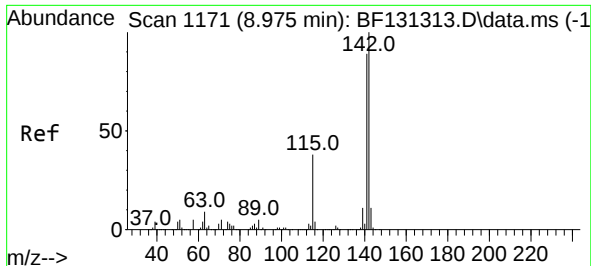
Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022



#36
 4-Chloro-3-methylphenol
 Concen: 45.355 ng
 RT: 8.792 min Scan# 1140
 Delta R.T. -0.000 min
 Lab File: BF131460.D
 Acq: 29 Nov 2022 17:04

Tgt Ion:107 Resp: 421373
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.9 31.3
 142 78.8 63.9 95.9





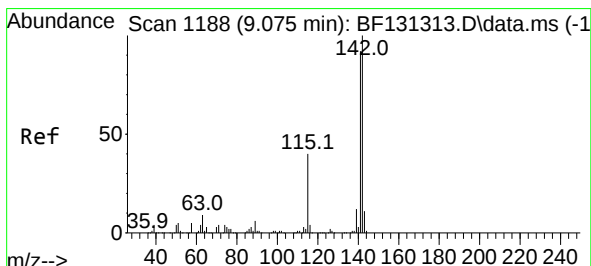
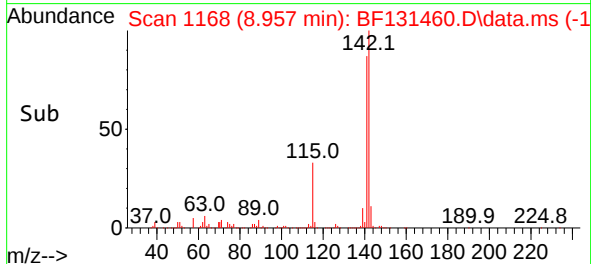
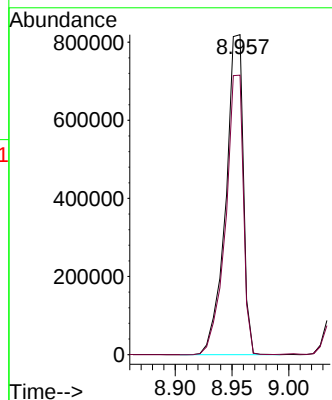
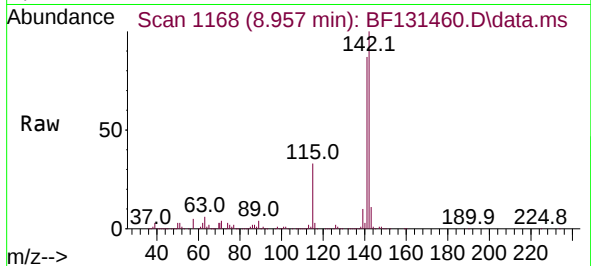
#37
2-Methylnaphthalene
Concen: 40.785 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

Instrument :
BNA_F
ClientSampleId :
TP-MMS

Tgt Ion:142 Resp: 884813
Ion Ratio Lower Upper
142 100
141 87.3 71.0 106.4

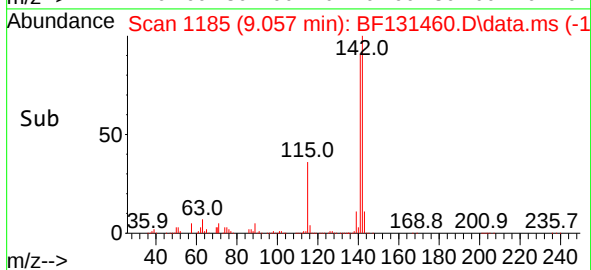
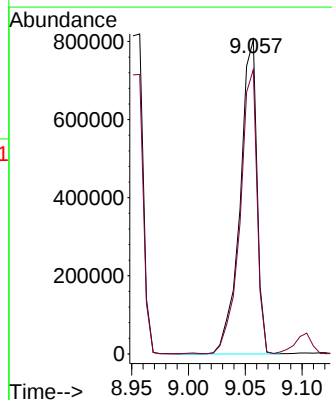
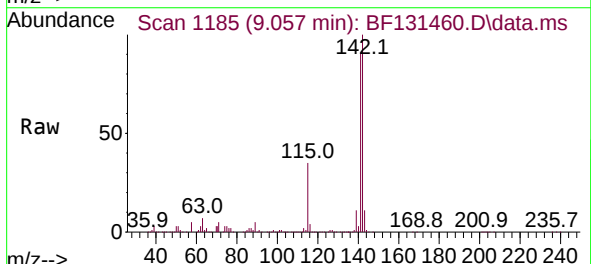
Manual Integrations
APPROVED

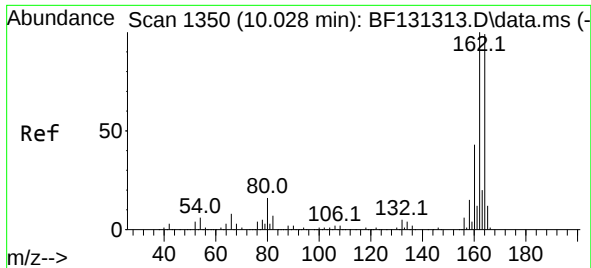
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#38
1-Methylnaphthalene
Concen: 39.732 ng
RT: 9.057 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

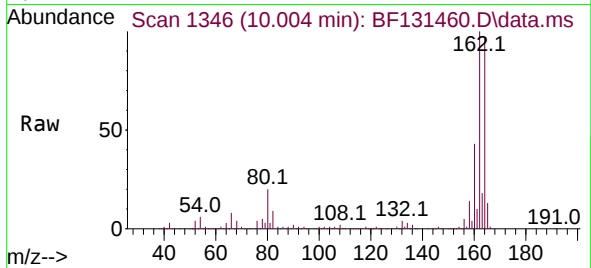
Tgt Ion:142 Resp: 835852
Ion Ratio Lower Upper
142 100
141 90.6 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

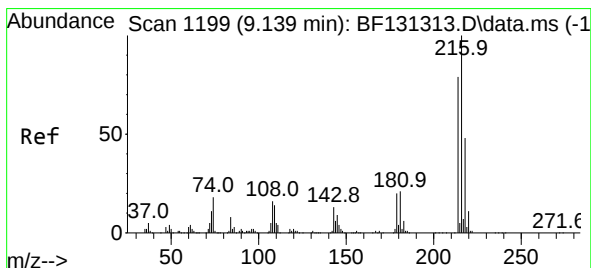
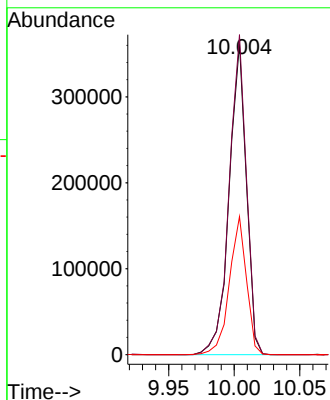
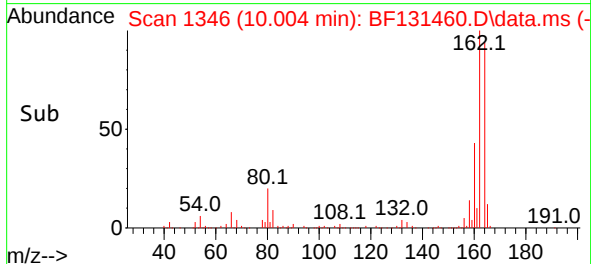
Instrument :
BNA_F
ClientSampleId :
TP-MMS



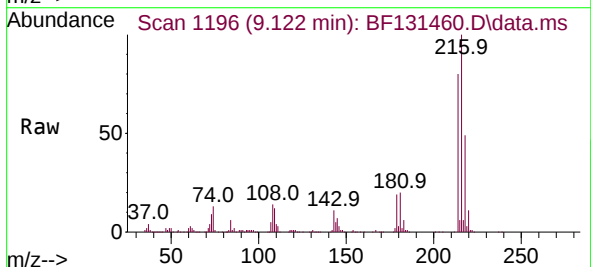
Tgt Ion:164 Resp: 330604
Ion Ratio Lower Upper
164 100
162 102.9 80.6 120.8
160 44.4 34.4 51.6

Manual Integrations
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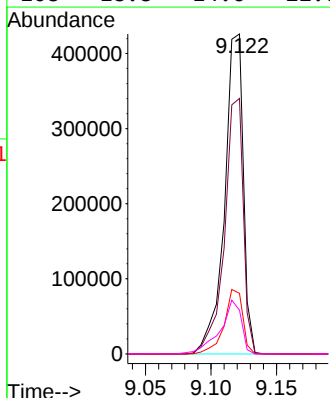
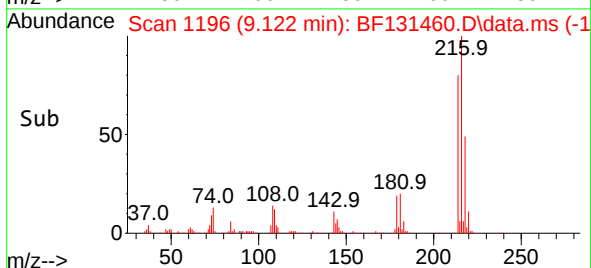
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

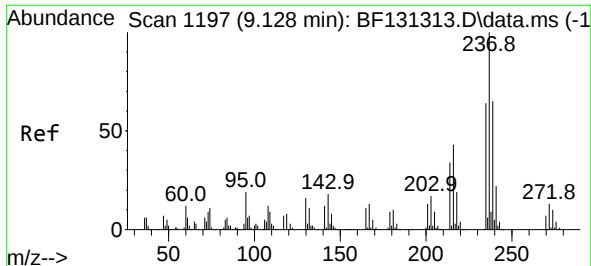


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.755 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04



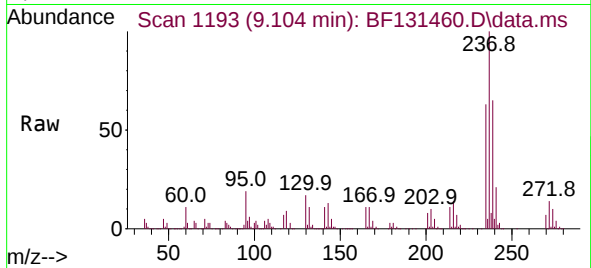
Tgt Ion:216 Resp: 426512
Ion Ratio Lower Upper
216 100
214 79.6 63.1 94.7
179 19.8 16.2 24.4
108 18.8 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 97.434 ng
RT: 9.104 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

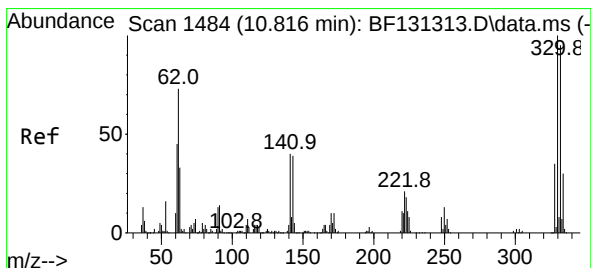
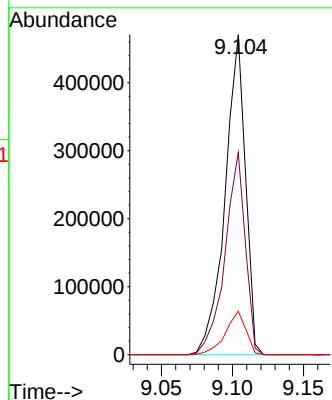
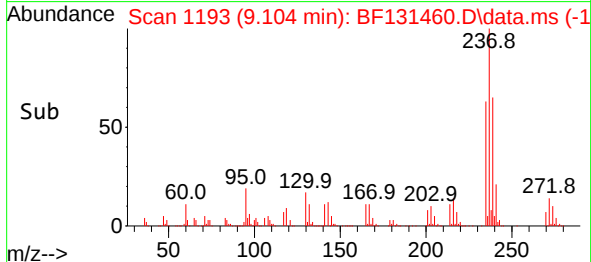
Instrument :
BNA_F
ClientSampleId :
TP-MMS



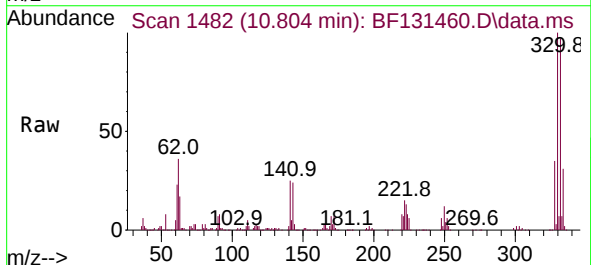
Tgt Ion: 237 Resp: 46992
Ion Ratio Lower Upper
237 100
235 63.1 44.2 84.2
272 13.6 0.0 33.4

Manual Integrations
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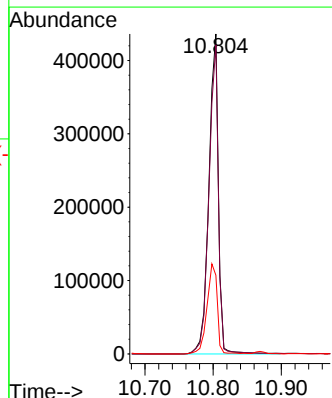
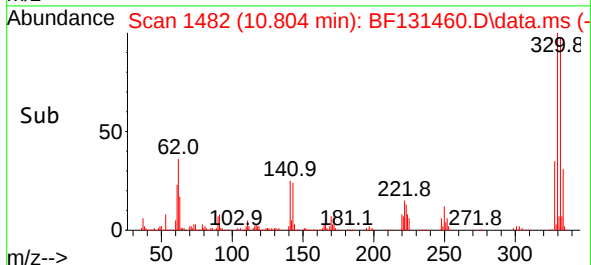
Reviewed By : Christian Giraldo 11/30/2022
Supervised By : mohammad ahmed 12/01/2022

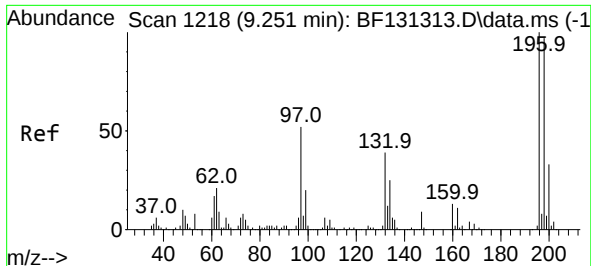


#42
2,4,6-Tribromophenol
Concen: 152.436 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04



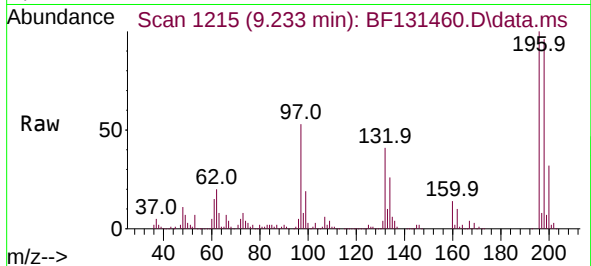
Tgt Ion: 330 Resp: 423984
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 30.3 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 48.968 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

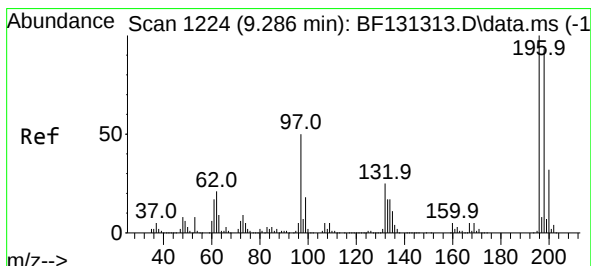
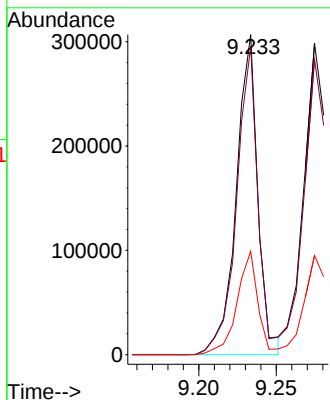
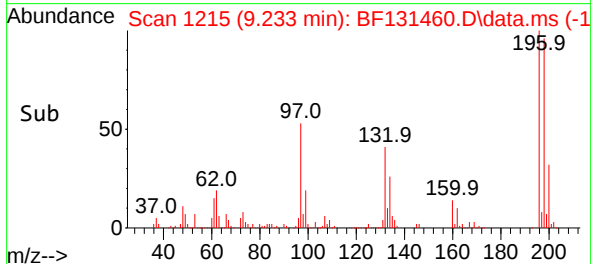
Instrument :
BNA_F
ClientSampleId :
TP-MMS



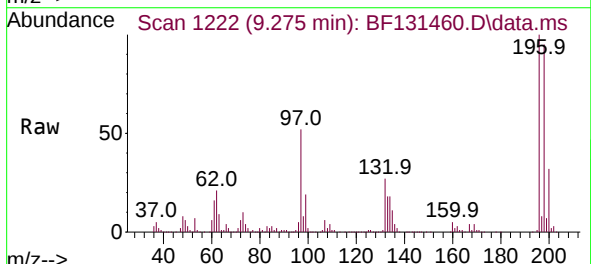
Tgt Ion:196 Resp: 29802
Ion Ratio Lower Upper
196 100
198 96.3 77.4 116.0
200 32.3 26.3 39.5

Manual Integrations
APPROVED

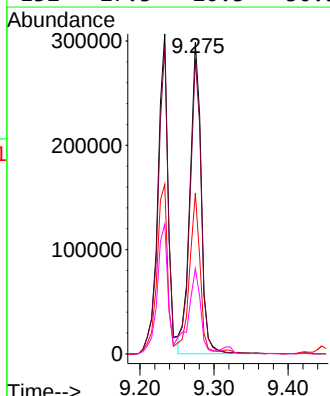
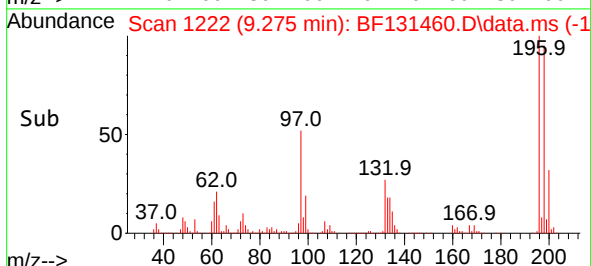
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

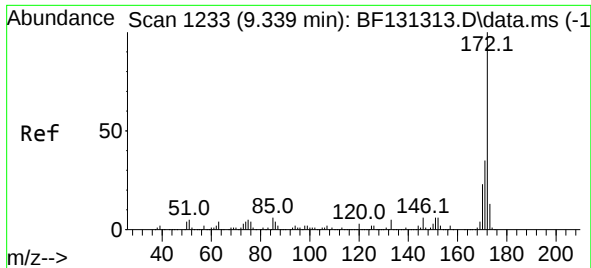


#44
2,4,5-Trichlorophenol
Concen: 46.012 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04



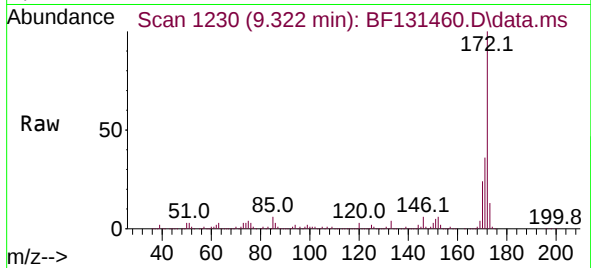
Tgt Ion:196 Resp: 314895
Ion Ratio Lower Upper
196 100
198 94.9 75.0 112.4
97 51.5 40.3 60.5
132 27.3 20.3 30.5





#45
2-Fluorobiphenyl
Concen: 74.344 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

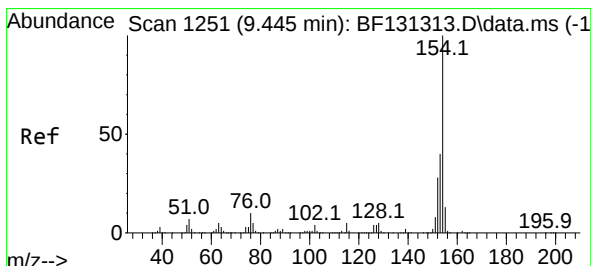
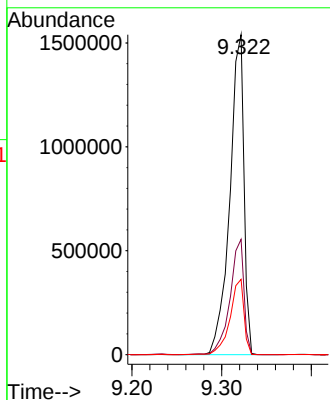
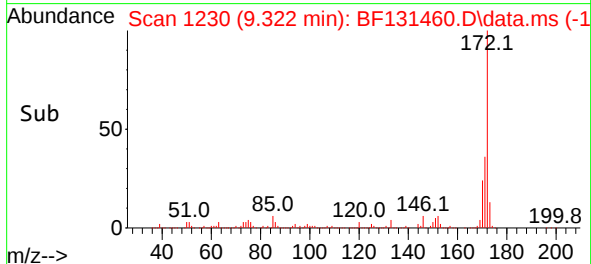
Instrument :
BNA_F
ClientSampleId :
TP-MMS



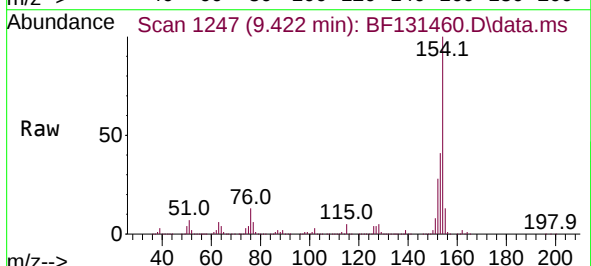
Tgt Ion:172 Resp: 1689454
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.2
170 23.5 18.7 28.1

Manual Integrations
APPROVED

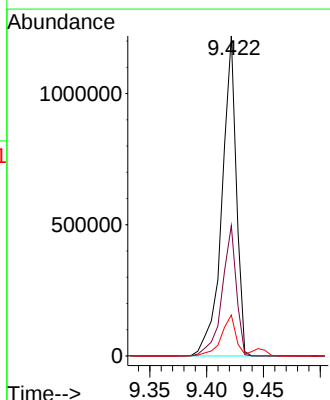
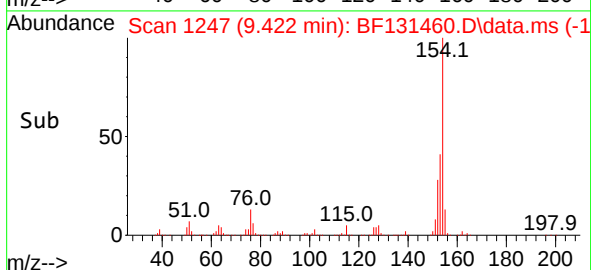
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

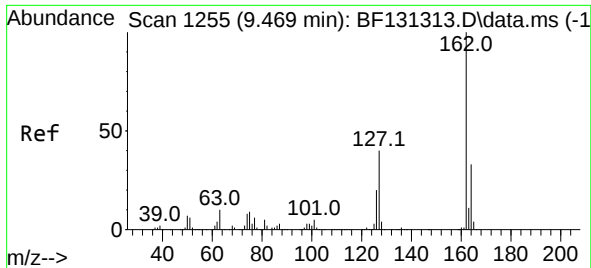


#46
1,1'-Biphenyl
Concen: 42.382 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04



Tgt Ion:154 Resp: 1069245
Ion Ratio Lower Upper
154 100
153 40.7 19.8 59.8
76 12.8 0.0 30.2





#47

2-Chloronaphthalene

Concen: 41.247 ng

RT: 9.445 min Scan# 1251

Delta R.T. -0.012 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

Instrument :

BNA_F

ClientSampleId :

TP-MMS

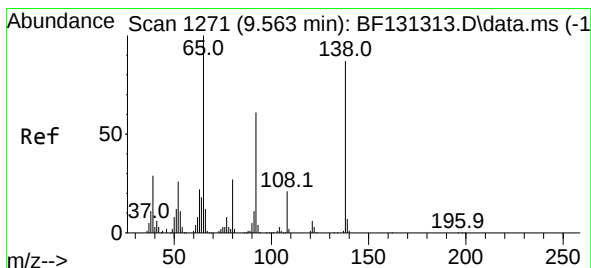
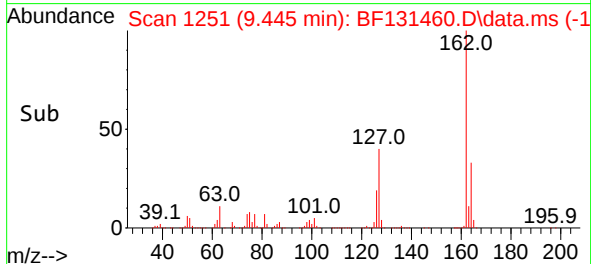
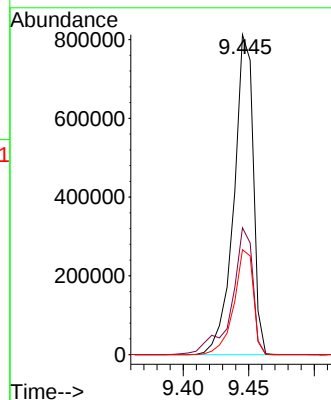
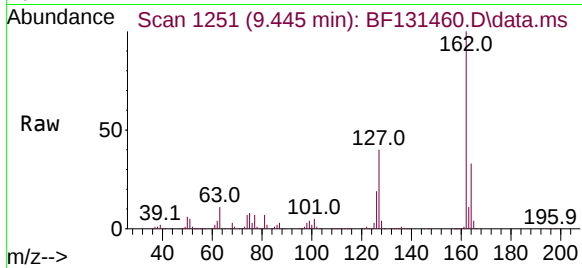
Tgt Ion:162 Resp: 834772

Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.1	48.1
164	32.8	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#48

2-Nitroaniline

Concen: 46.661 ng

RT: 9.545 min Scan# 1268

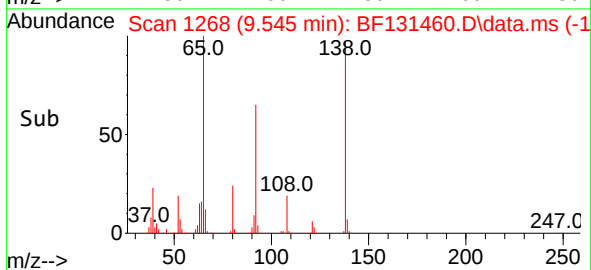
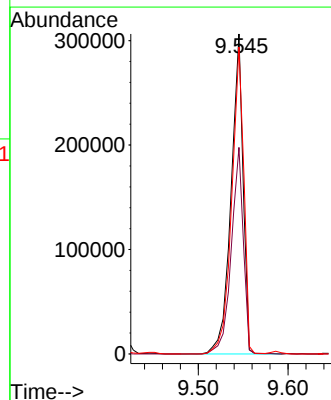
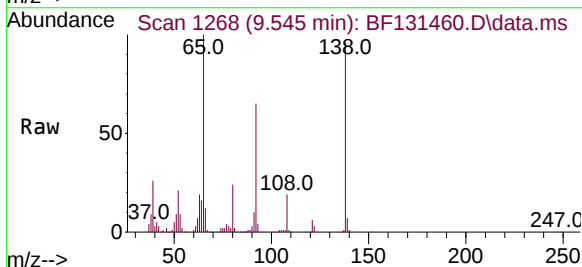
Delta R.T. -0.006 min

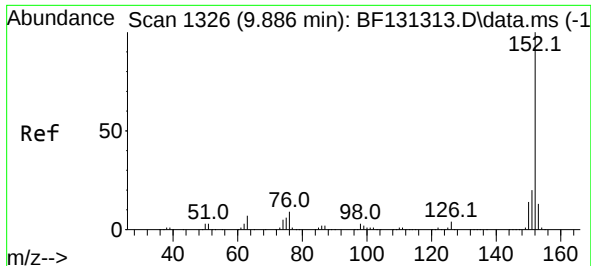
Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

Tgt Ion: 65 Resp: 286729

Ion	Ratio	Lower	Upper
65	100		
92	64.5	49.0	73.4
138	95.9	69.4	104.2





#49

Acenaphthylene

Concen: 41.878 ng

RT: 9.869 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

Instrument :

BNA_F

ClientSampleId :

TP-MMS

Tgt Ion:152 Resp: 1291999

Ion Ratio Lower Upper

152 100

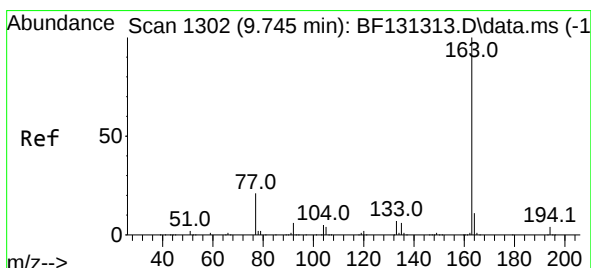
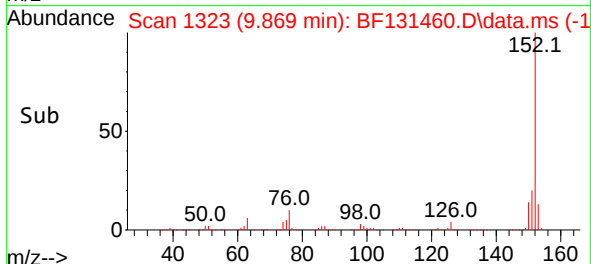
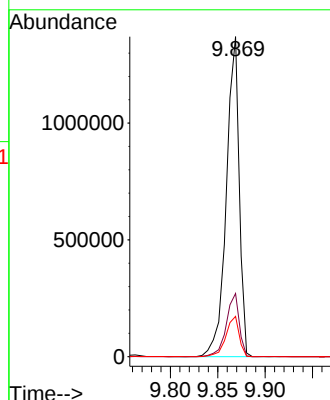
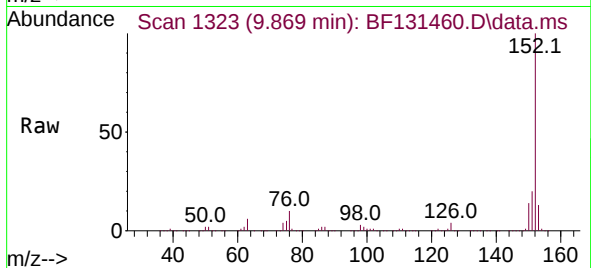
151 19.7 16.2 24.4

153 12.6 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#50

Dimethylphthalate

Concen: 42.579 ng

RT: 9.728 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

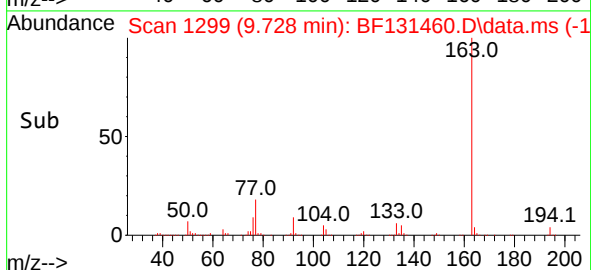
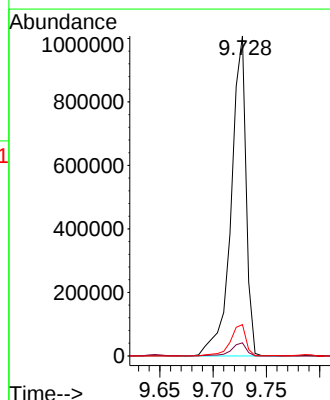
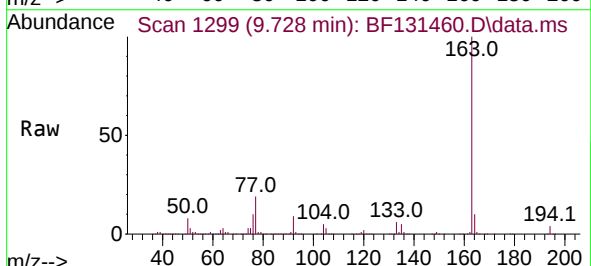
Tgt Ion:163 Resp: 980784

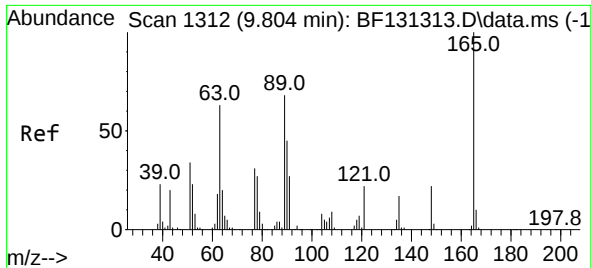
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.8 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 48.549 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

Instrument :

BNA_F

ClientSampleId :

TP-MMS

Tgt Ion:165 Resp: 22364

Ion Ratio Lower Upper

165 100

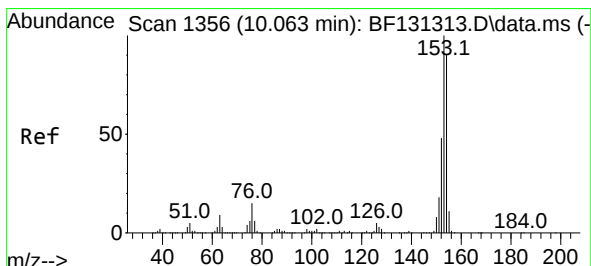
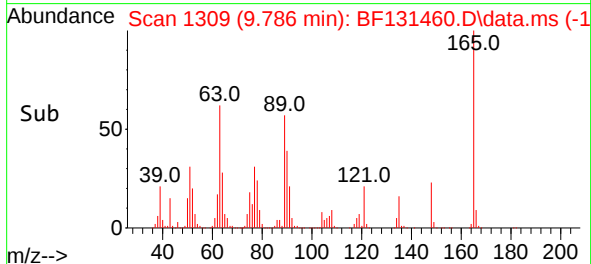
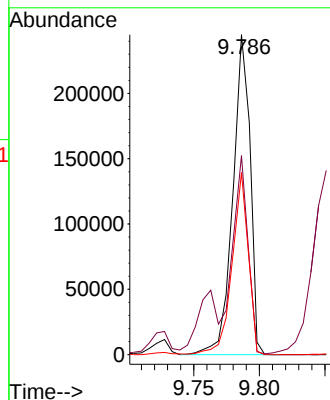
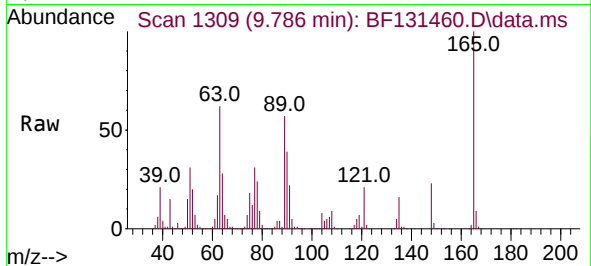
63 62.2 62.0 93.0

89 56.9 54.4 81.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#52

Acenaphthene

Concen: 43.427 ng

RT: 10.039 min Scan# 1352

Delta R.T. -0.006 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

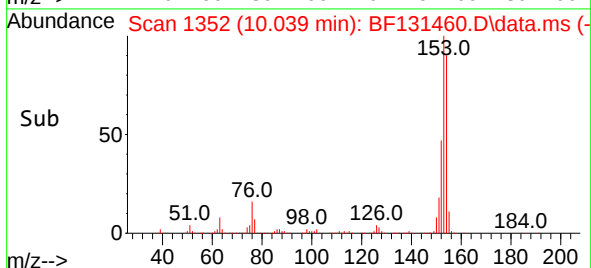
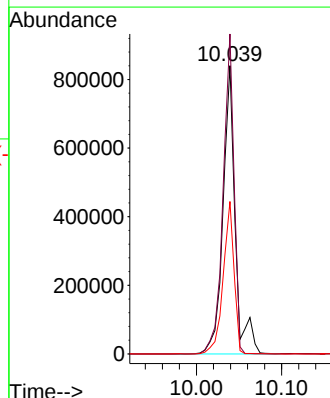
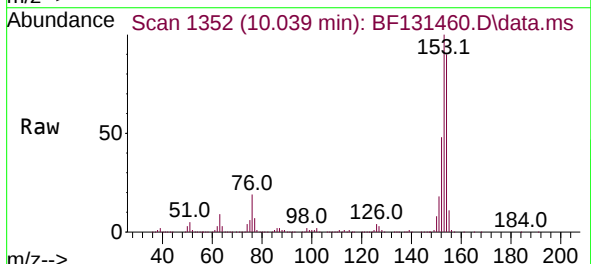
Tgt Ion:154 Resp: 838963

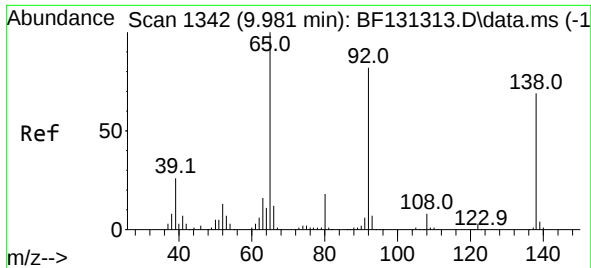
Ion Ratio Lower Upper

154 100

153 111.0 88.4 132.6

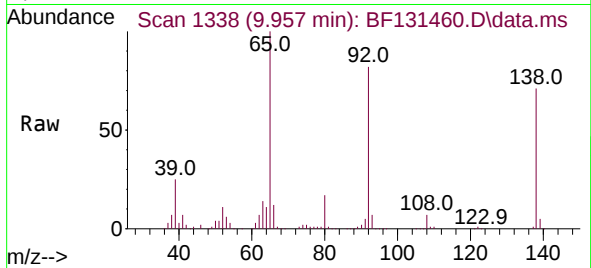
152 52.9 42.8 64.2





#53
3-Nitroaniline
Concen: 24.442 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

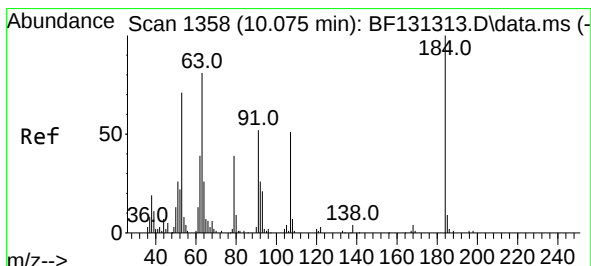
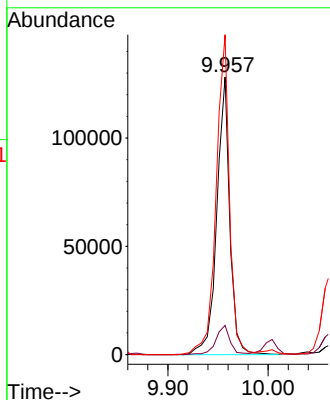
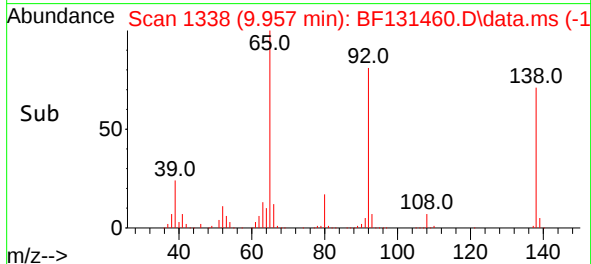
Instrument :
BNA_F
ClientSampleId :
TP-MMS



Tgt Ion:138 Resp: 115698
Ion Ratio Lower Upper
138 100
108 10.5 8.9 13.3
92 115.3 95.3 142.9

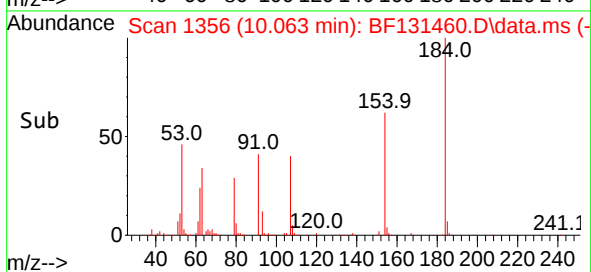
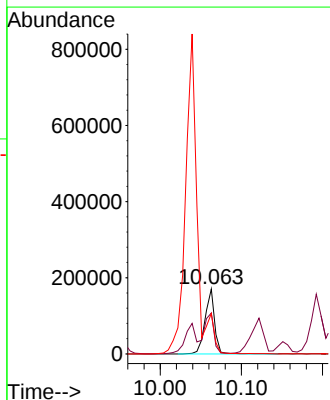
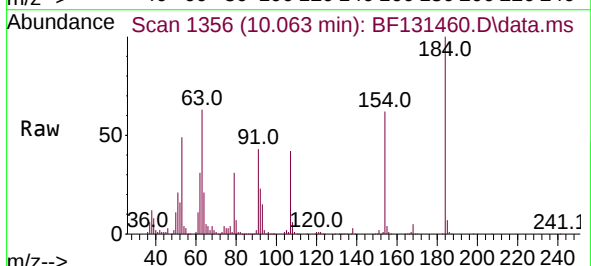
Manual Integrations
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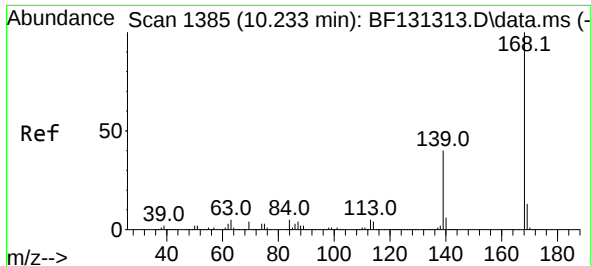
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#54
2,4-Dinitrophenol
Concen: 70.312 ng
RT: 10.063 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

Tgt Ion:184 Resp: 139592
Ion Ratio Lower Upper
184 100
63 63.0 72.1 108.1
154 62.4 56.3 84.5





#55

Dibenzenofuran

Concen: 41.031 ng

RT: 10.210 min Scan# 1381

Delta R.T. -0.006 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

Instrument :

BNA_F

ClientSampleId :

TP-MMS

Tgt Ion:168 Resp: 1140378

Ion Ratio Lower Upper

168 100

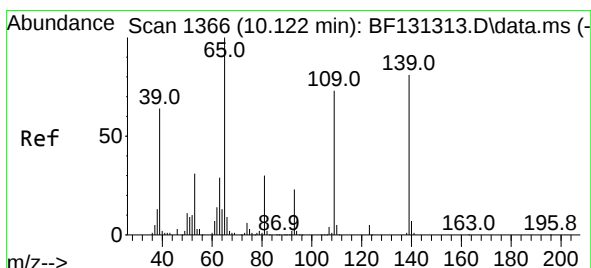
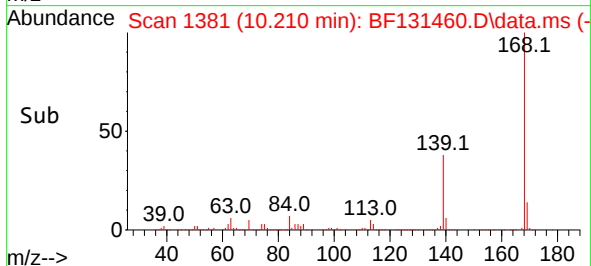
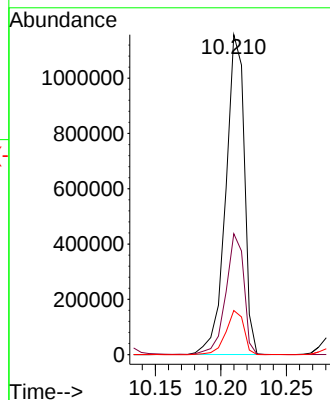
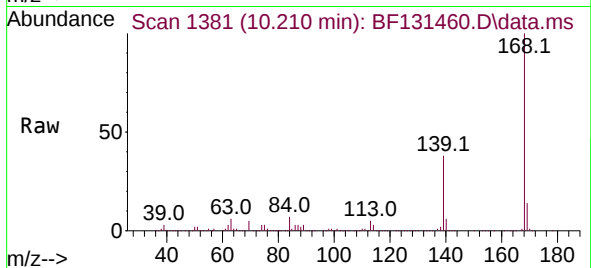
139 37.8 31.7 47.5

169 13.8 10.6 15.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#56

4-Nitrophenol

Concen: 97.370 ng

RT: 10.122 min Scan# 1366

Delta R.T. 0.006 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

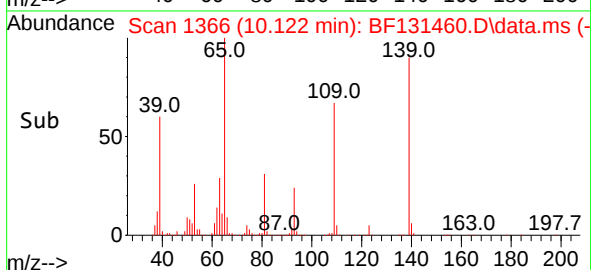
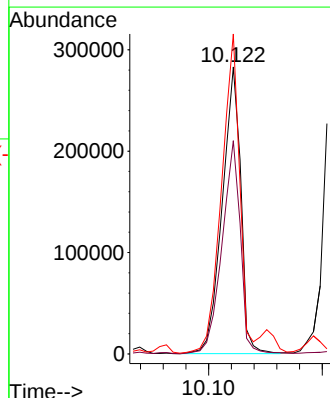
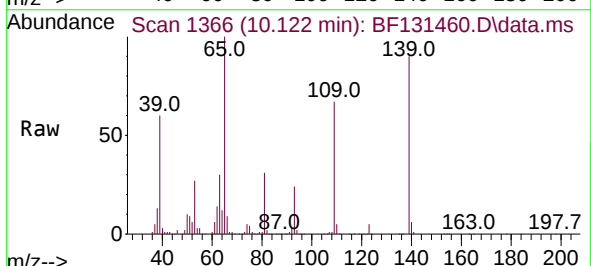
Tgt Ion:139 Resp: 319875

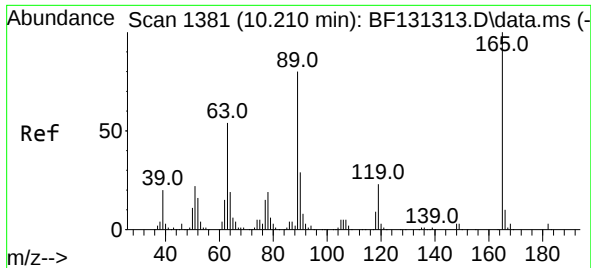
Ion Ratio Lower Upper

139 100

109 74.3 69.6 109.6

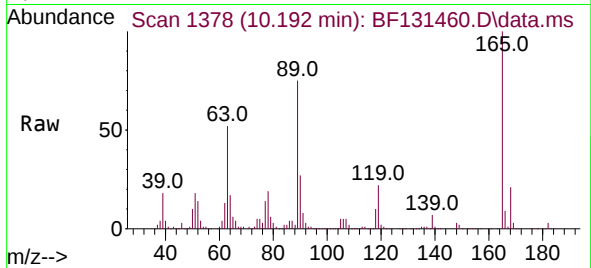
65 111.5 103.4 143.4





#57
2,4-Dinitrotoluene
Concen: 50.955 ng
RT: 10.192 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

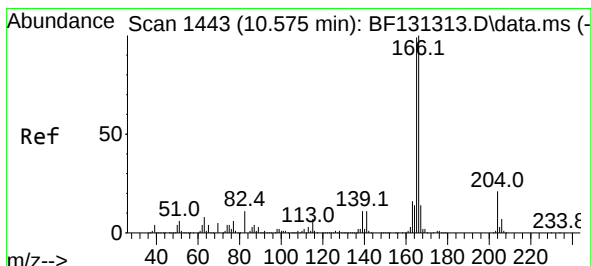
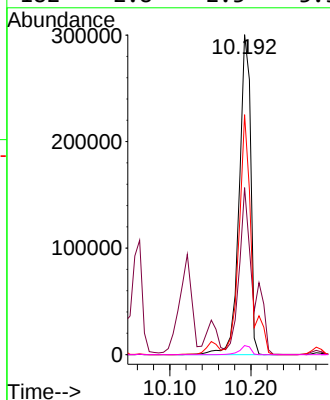
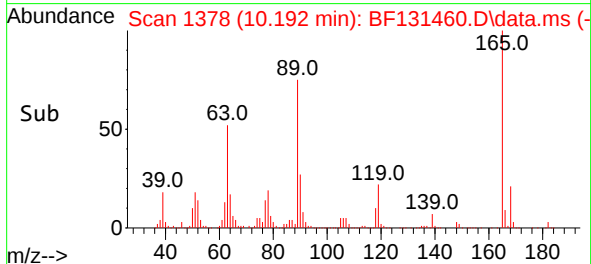
Instrument :
BNA_F
ClientSampleId :
TP-MMS



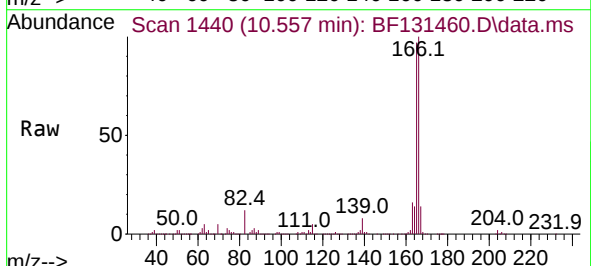
Tgt Ion:165 Resp: 295339
Ion Ratio Lower Upper
165 100
63 52.2 43.4 65.2
89 75.0 64.0 96.0
182 2.8 2.3 3.5

Manual Integrations
APPROVED

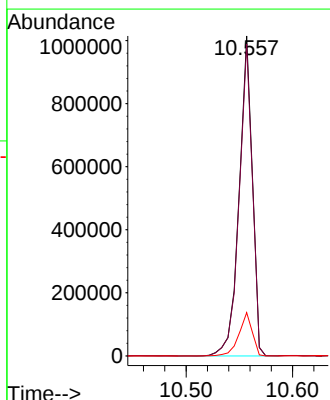
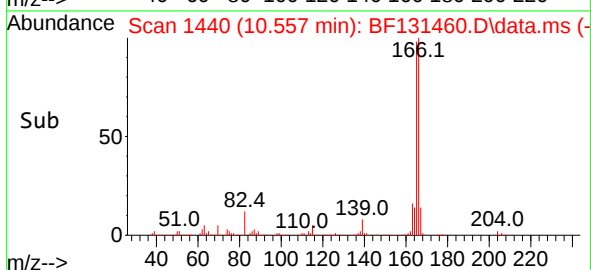
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

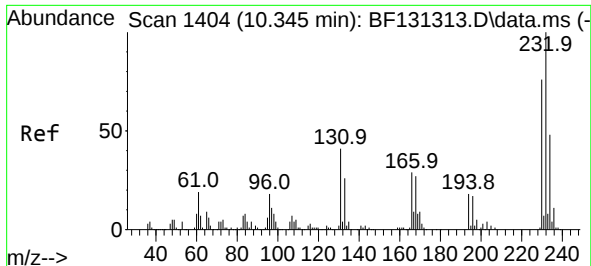


#58
Fluorene
Concen: 40.145 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04



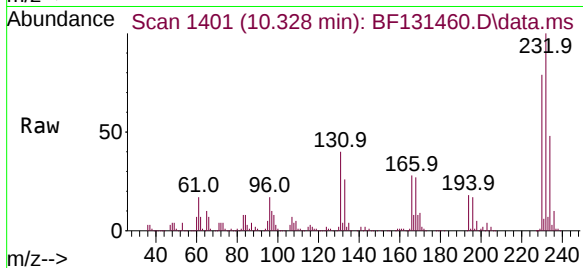
Tgt Ion:166 Resp: 870798
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.4
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.926 ng
RT: 10.328 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

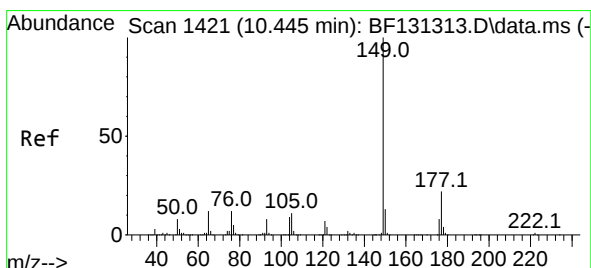
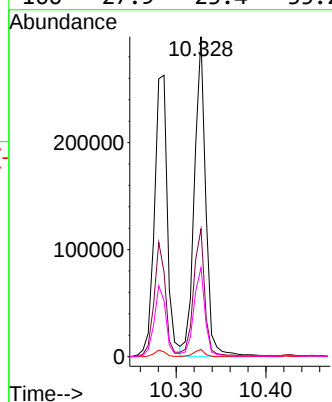
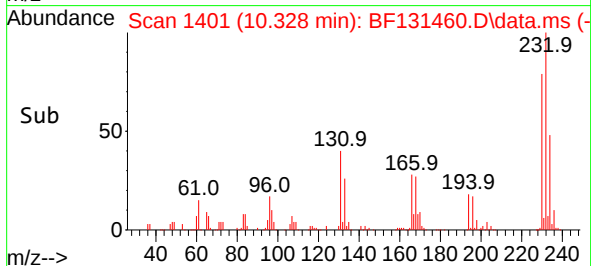
Instrument :
BNA_F
ClientSampleId :
TP-MMS



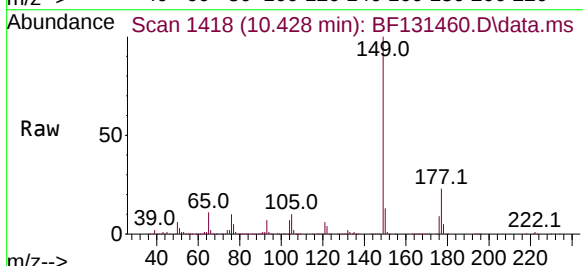
Tgt Ion:232 Resp: 261758
Ion Ratio Lower Upper
232 100
131 39.7 35.2 52.8
130 2.2 1.8 2.8
166 27.9 23.4 35.2

Manual Integrations
APPROVED

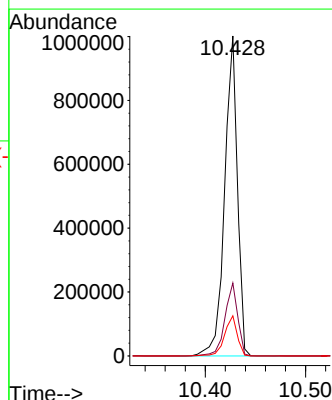
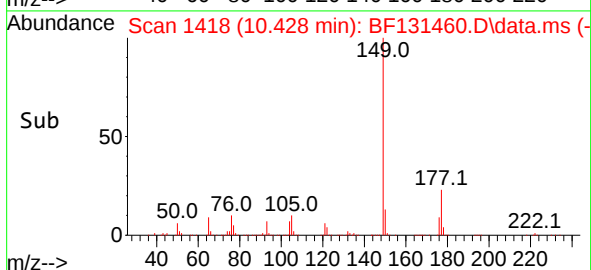
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

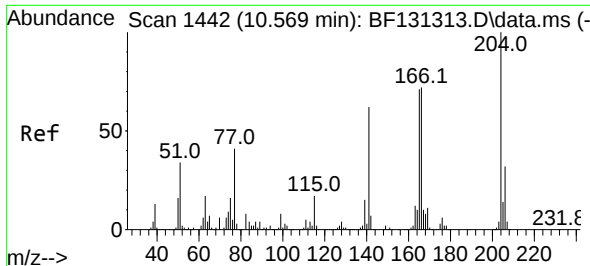


#60
Diethylphthalate
Concen: 40.901 ng
RT: 10.428 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04



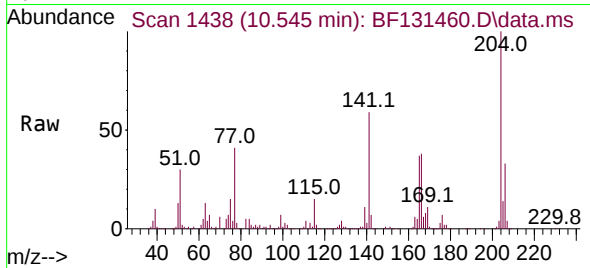
Tgt Ion:149 Resp: 889583
Ion Ratio Lower Upper
149 100
177 22.8 17.6 26.4
150 12.5 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.227 ng
RT: 10.545 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

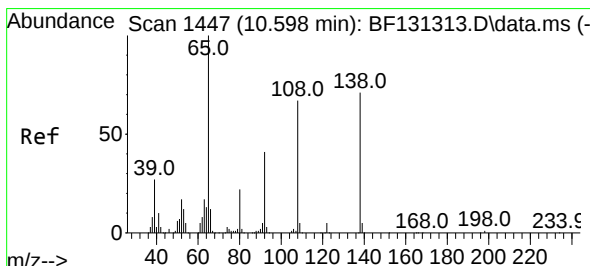
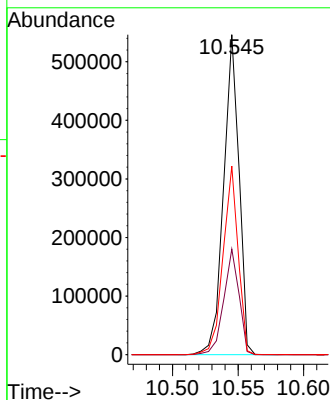
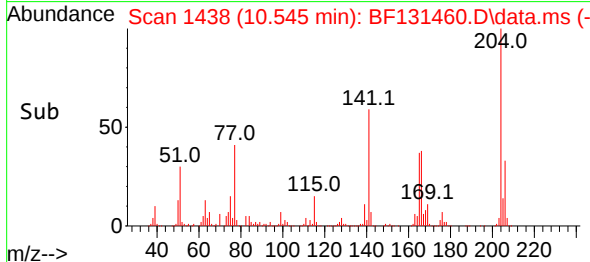
Instrument :
BNA_F
ClientSampleId :
TP-MMS



Tgt Ion:204 Resp: 447317
Ion Ratio Lower Upper
204 100
206 33.0 25.7 38.5
141 58.9 49.2 73.8

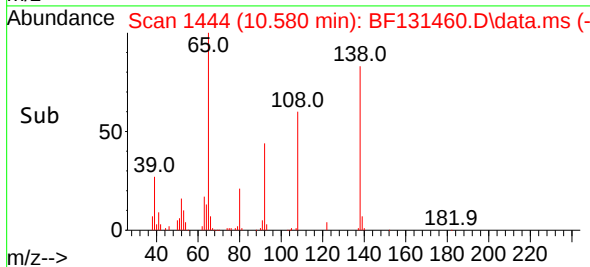
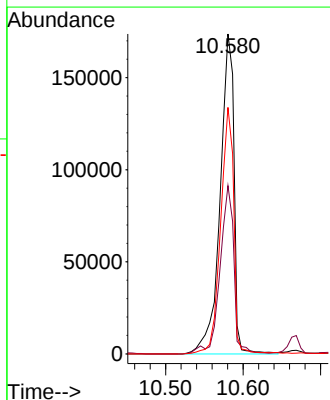
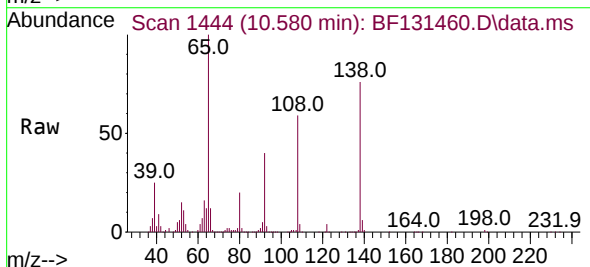
Manual Integrations
APPROVED

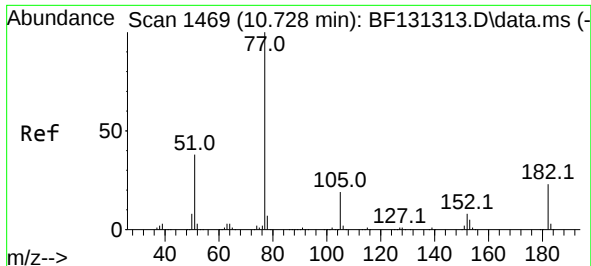
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#62
4-Nitroaniline
Concen: 46.053 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

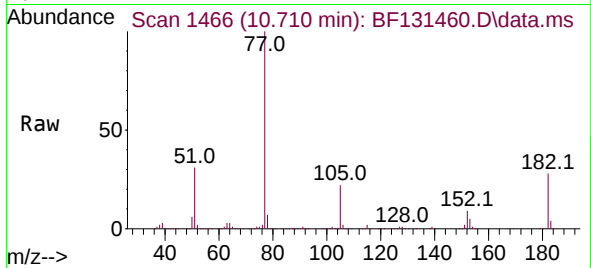
Tgt Ion:138 Resp: 216948
Ion Ratio Lower Upper
138 100
92 52.6 37.0 77.0
108 77.0 74.0 114.0





#63
Azobenzene
Concen: 39.350 ng
RT: 10.710 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

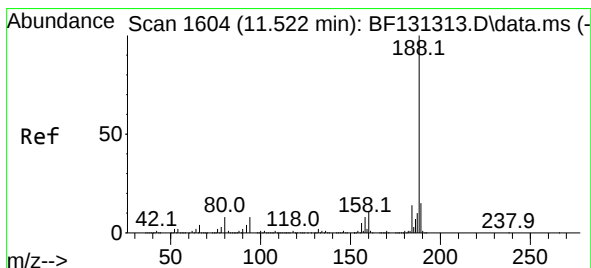
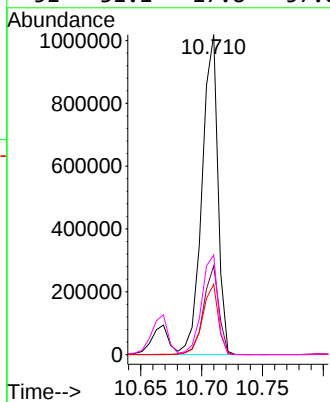
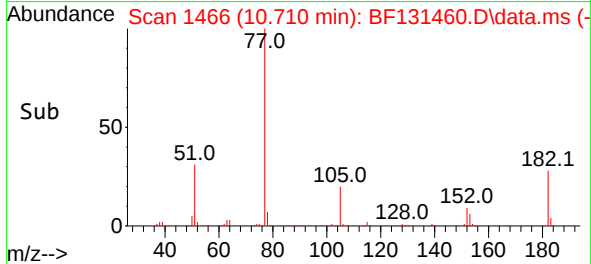
Instrument :
BNA_F
ClientSampleId :
TP-MMS



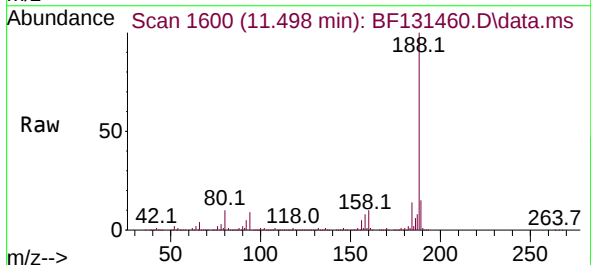
Tgt Ion: 77 Resp: 920240
Ion Ratio Lower Upper
77 100
182 27.7 3.1 43.1
105 22.0 0.0 39.2
51 31.1 17.8 57.8

Manual Integrations
APPROVED

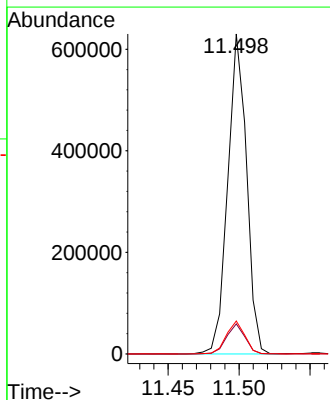
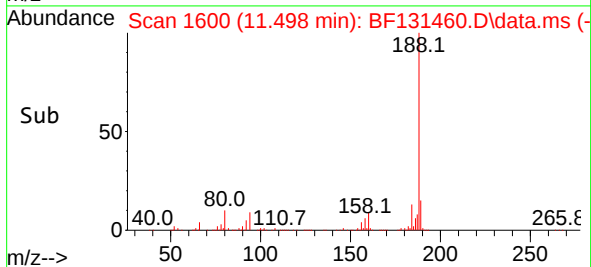
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

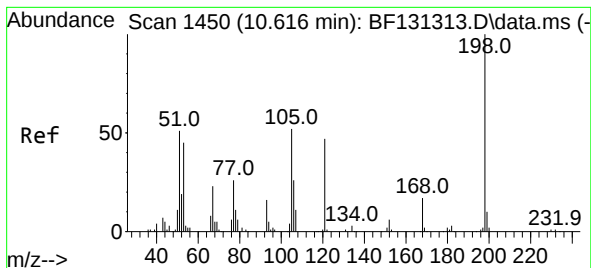


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04



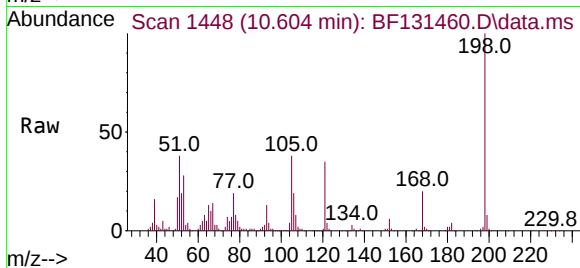
Tgt Ion:188 Resp: 580763
Ion Ratio Lower Upper
188 100
94 9.4 6.3 9.5
80 10.3 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 45.724 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

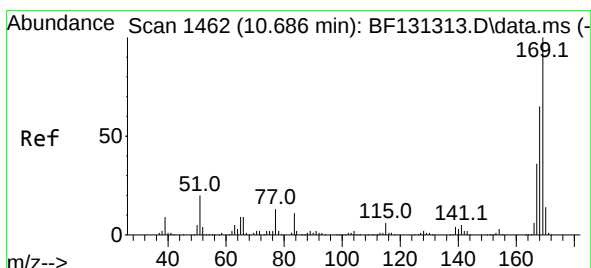
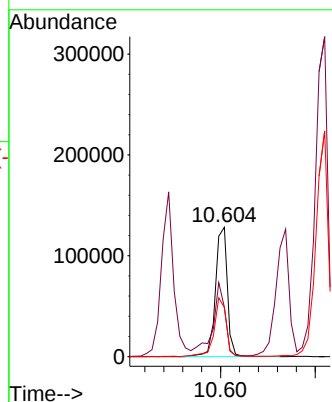
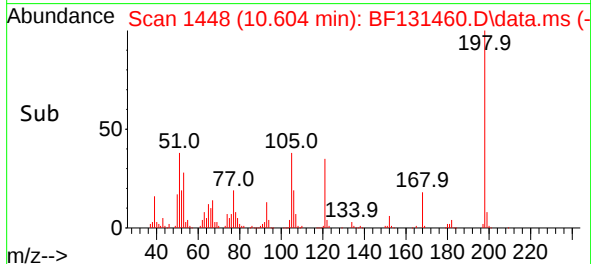
Instrument :
BNA_F
ClientSampleId :
TP-MMS



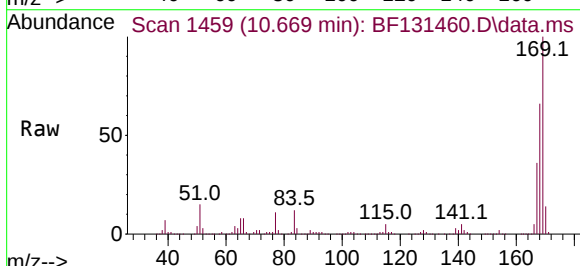
Tgt Ion:198 Resp: 112227
Ion Ratio Lower Upper
198 100
51 38.2 50.1 90.1
105 37.8 32.5 72.5

Manual Integrations
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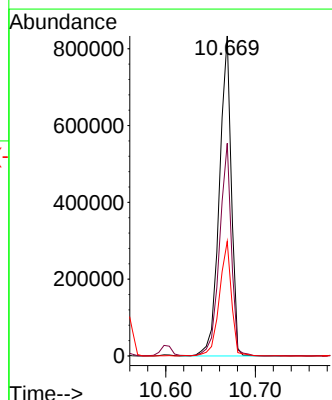
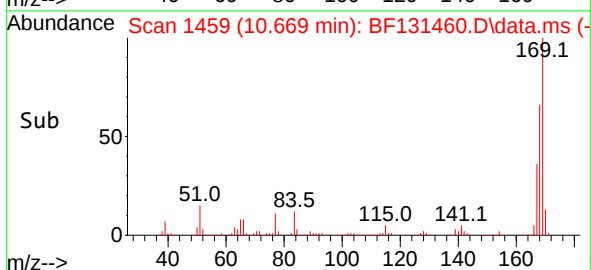
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

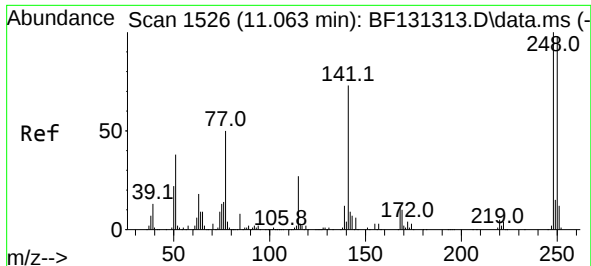


#66
n-Nitrosodiphenylamine
Concen: 41.898 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04



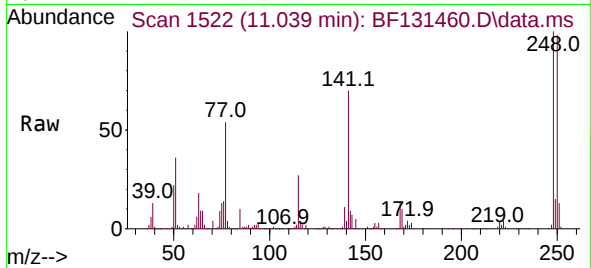
Tgt Ion:169 Resp: 775357
Ion Ratio Lower Upper
169 100
168 66.4 52.4 78.6
167 35.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 41.234 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

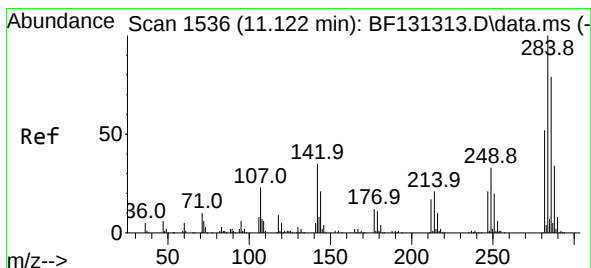
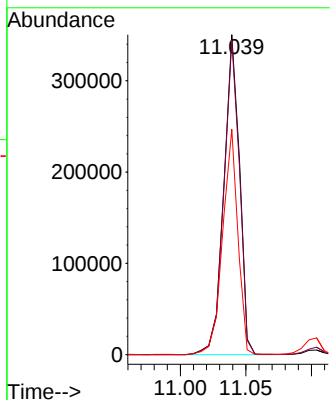
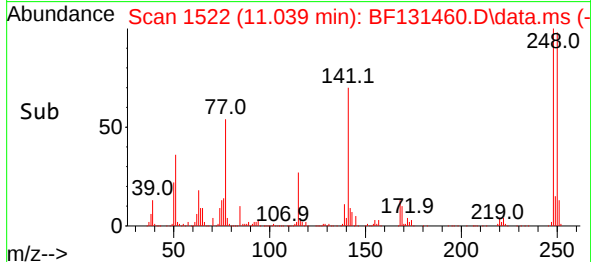
Instrument :
BNA_F
ClientSampleId :
TP-MMS



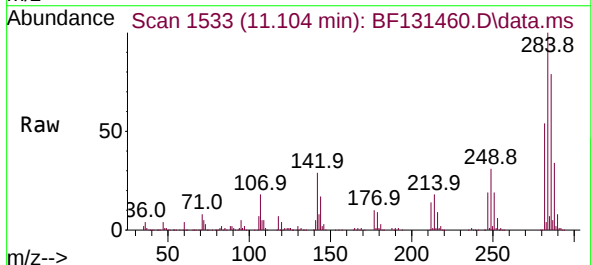
Tgt Ion:248 Resp: 293504
Ion Ratio Lower Upper
248 100
250 98.3 78.3 117.5
141 70.4 58.0 87.0

Manual Integrations
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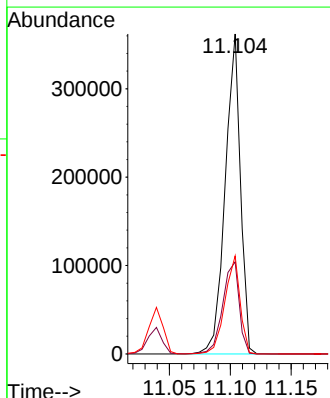
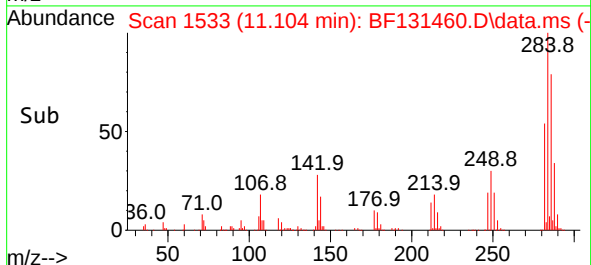
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

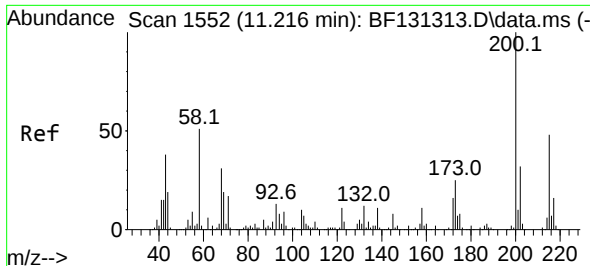


#68
Hexachlorobenzene
Concen: 41.731 ng
RT: 11.104 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04



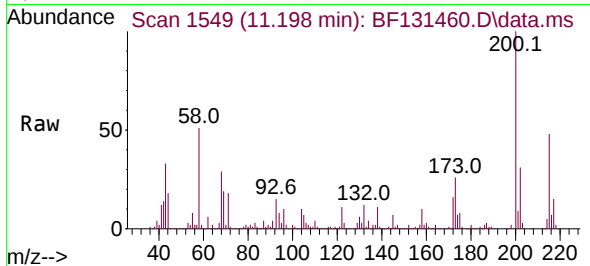
Tgt Ion:284 Resp: 315264
Ion Ratio Lower Upper
284 100
142 28.8 28.4 42.6
249 30.6 26.5 39.7





#69
Atrazine
Concen: 48.834 ng
RT: 11.198 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

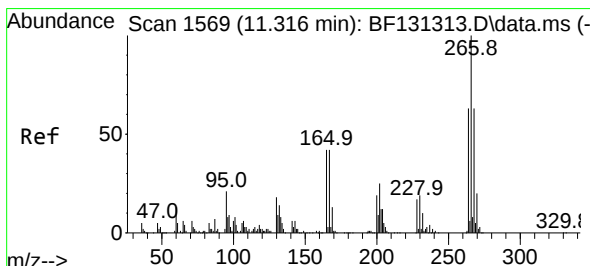
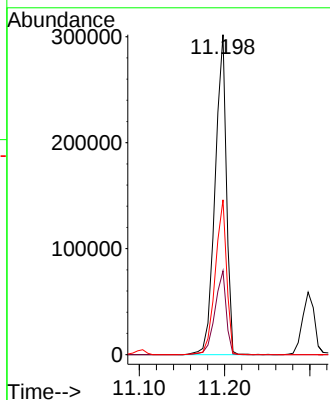
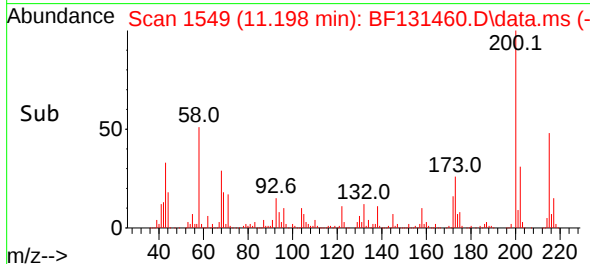
Instrument :
BNA_F
ClientSampleId :
TP-MMS



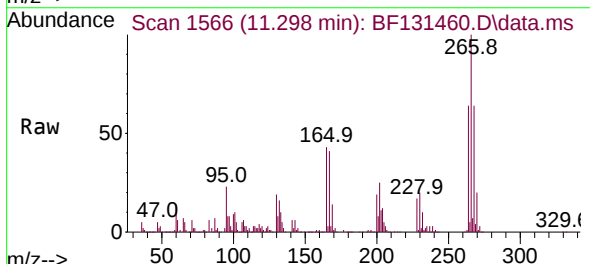
Tgt Ion:200 Resp: 278246
Ion Ratio Lower Upper
200 100
173 26.2 5.2 45.2
215 48.4 28.3 68.3

Manual Integrations
APPROVED

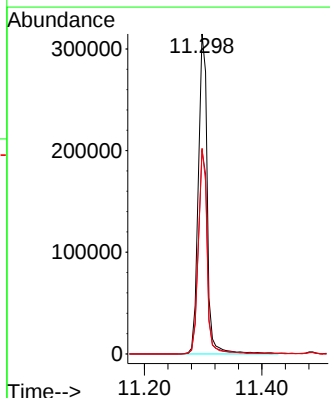
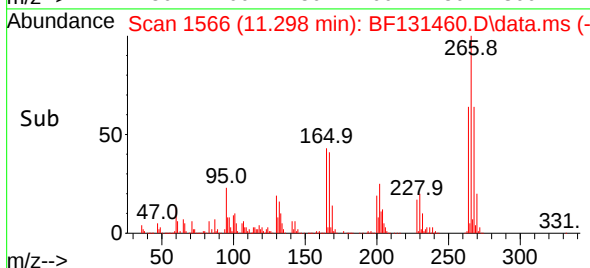
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

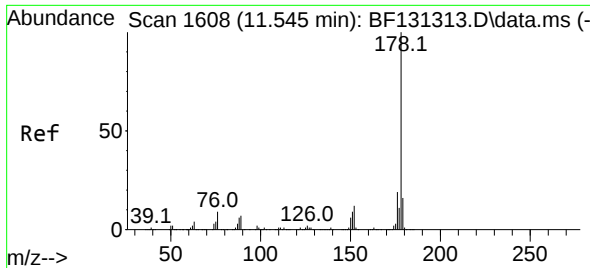


#70
Pentachlorophenol
Concen: 75.666 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04



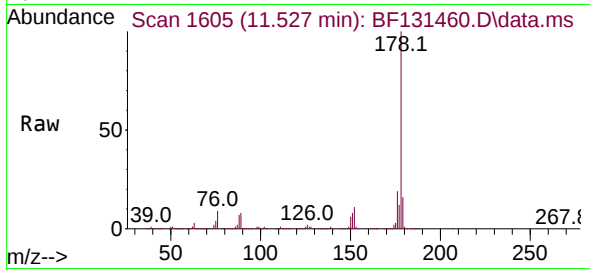
Tgt Ion:266 Resp: 330916
Ion Ratio Lower Upper
266 100
268 63.6 50.6 75.8
264 64.2 50.4 75.6





#71
Phenanthrene
Concen: 40.560 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

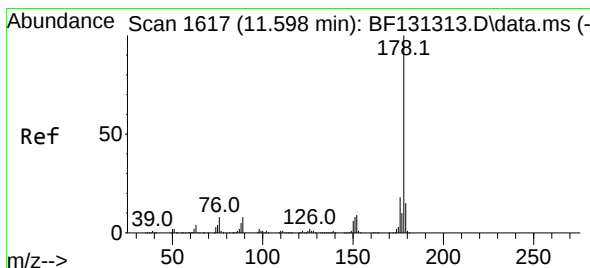
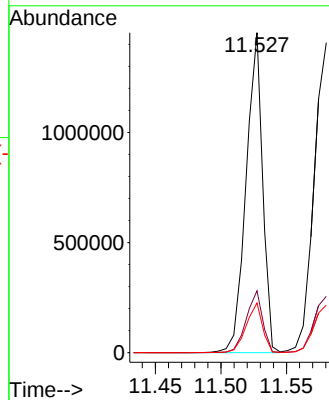
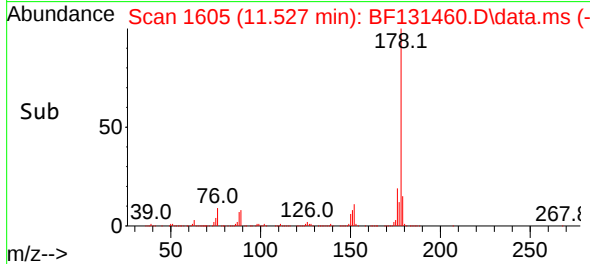
Instrument :
BNA_F
ClientSampleId :
TP-MMS



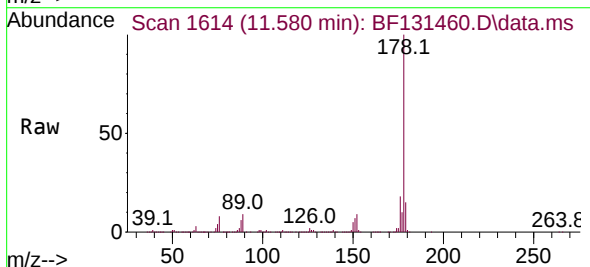
Tgt Ion:178 Resp: 127304
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.5 12.4 18.6

Manual Integrations
APPROVED

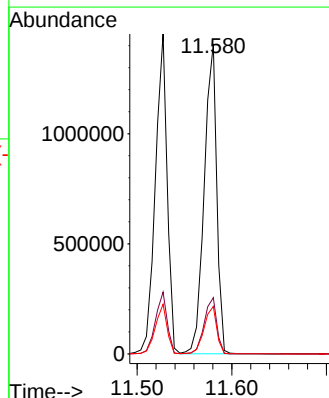
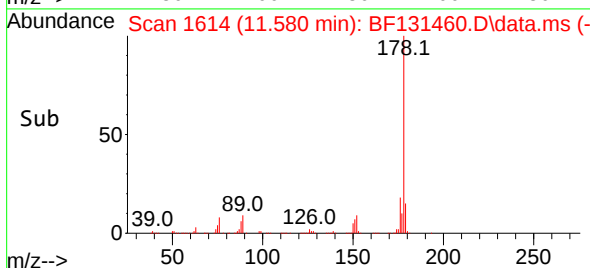
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

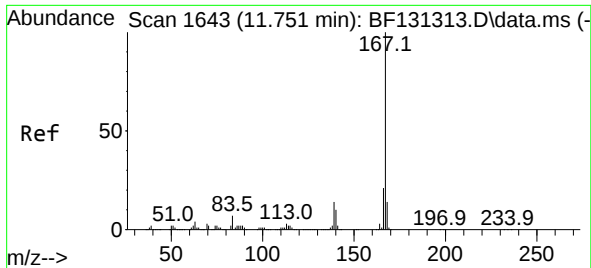


#72
Anthracene
Concen: 41.985 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04



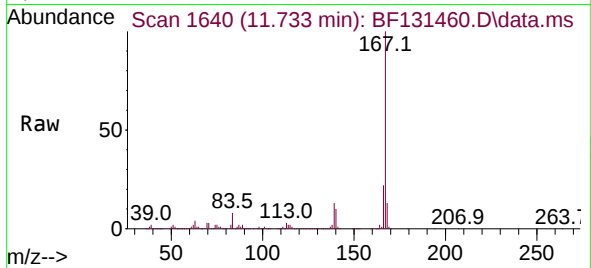
Tgt Ion:178 Resp: 1295034
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.3 12.2 18.4





#73
 Carbazole
 Concen: 44.105 ng
 RT: 11.733 min Scan# 1640
 Delta R.T. -0.006 min
 Lab File: BF131460.D
 Acq: 29 Nov 2022 17:04

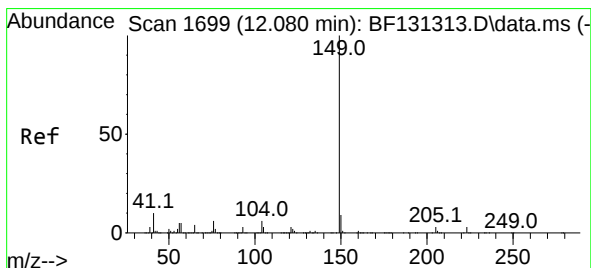
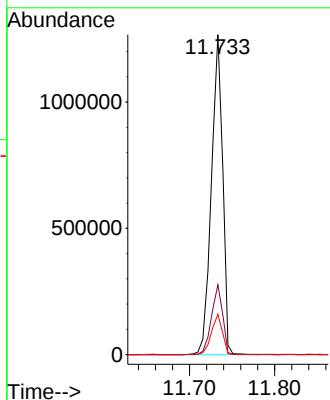
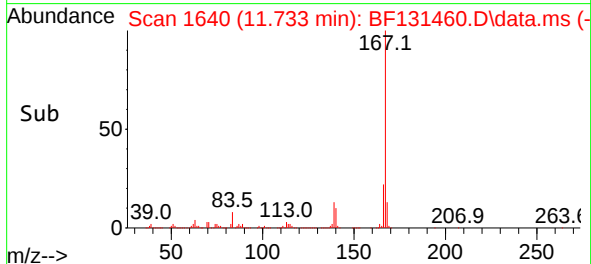
Instrument :
 BNA_F
 ClientSampleId :
 TP-MMS



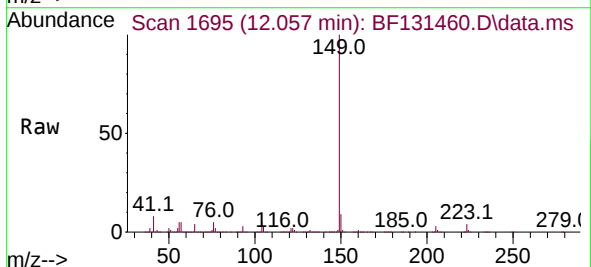
Tgt Ion:167 Resp: 1160478
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 12.6 10.8 16.2

Manual Integrations
 APPROVED

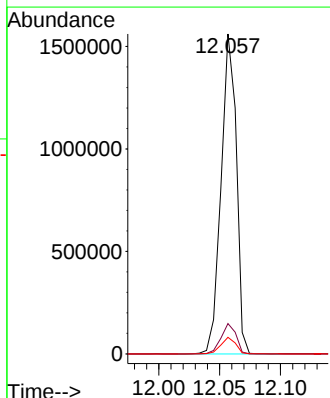
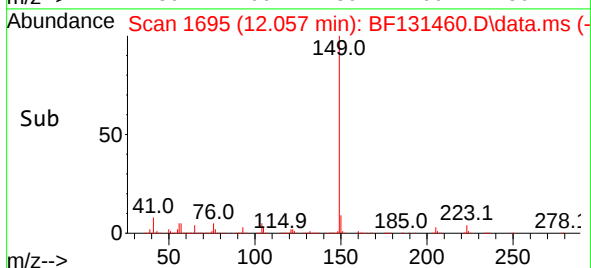
Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022

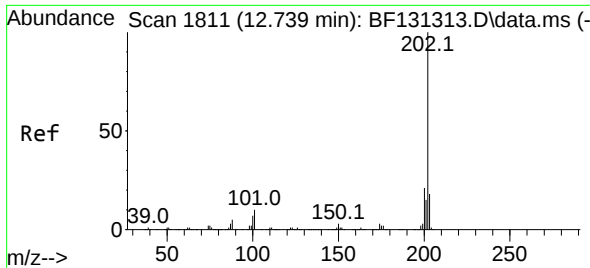


#74
 Di-n-butylphthalate
 Concen: 43.939 ng
 RT: 12.057 min Scan# 1695
 Delta R.T. -0.012 min
 Lab File: BF131460.D
 Acq: 29 Nov 2022 17:04



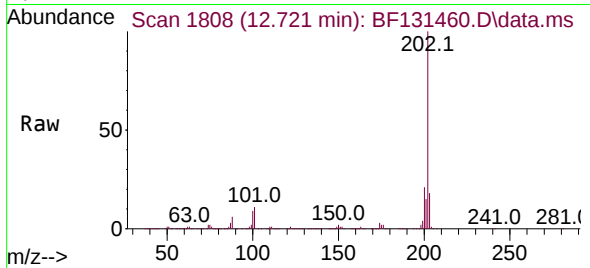
Tgt Ion:149 Resp: 1362289
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 5.2 4.7 7.1





#75
Fluoranthene
Concen: 40.595 ng
RT: 12.721 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

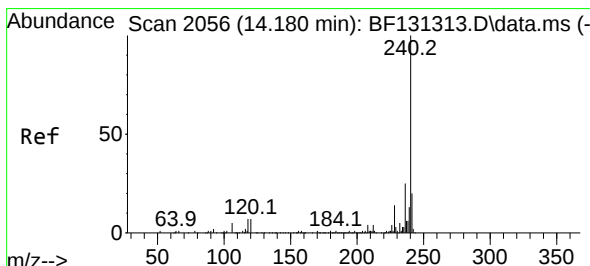
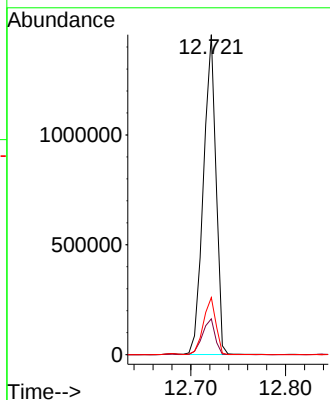
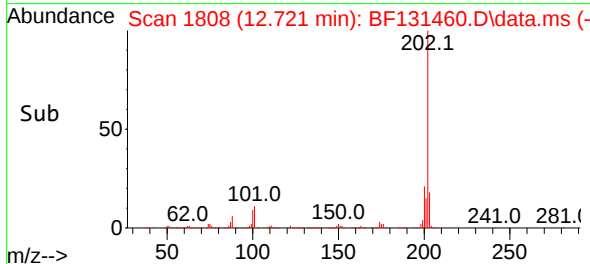
Instrument :
BNA_F
ClientSampleId :
TP-MMS



Tgt Ion:202 Resp: 1342593
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.6
203 17.8 0.0 37.8

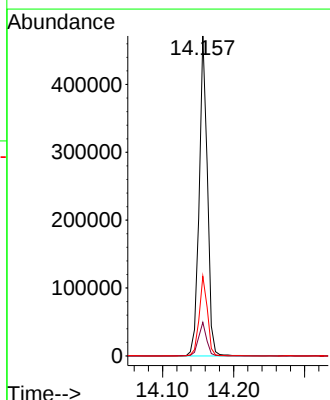
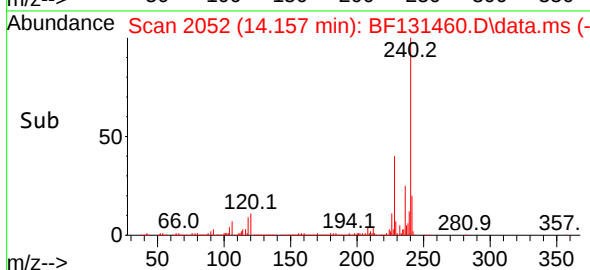
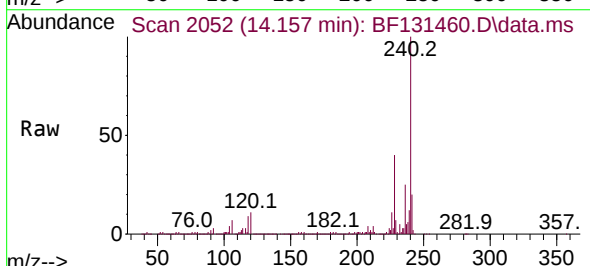
Manual Integrations
APPROVED

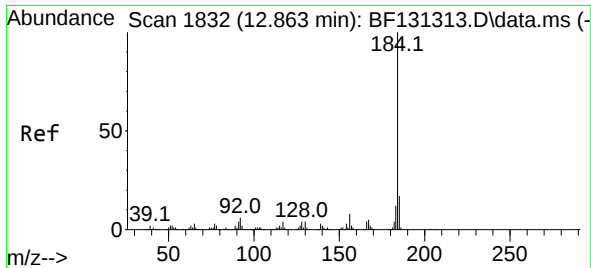
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.012 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

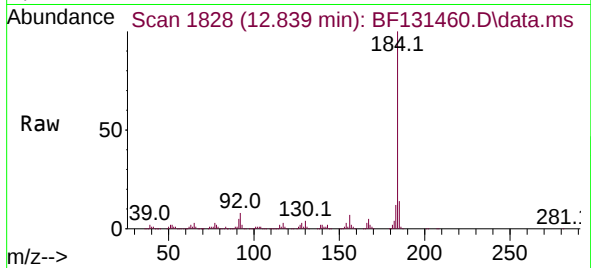
Tgt Ion:240 Resp: 374290
Ion Ratio Lower Upper
240 100
120 10.5 5.8 8.8#
236 24.9 20.3 30.5





#77
Benzidine
Concen: 36.686 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

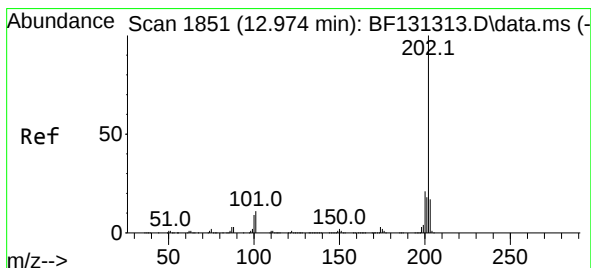
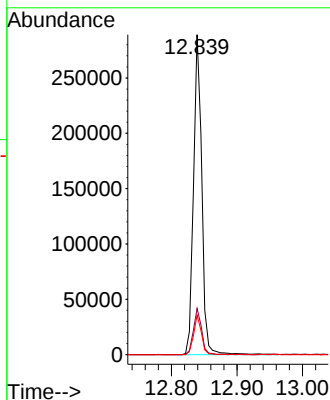
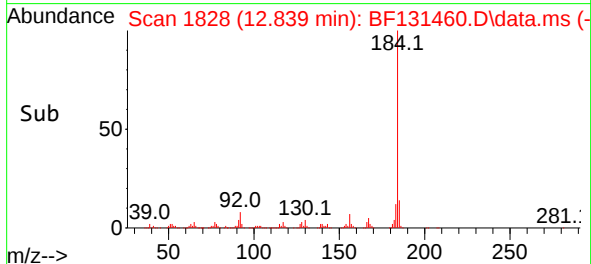
Instrument :
BNA_F
ClientSampleId :
TP-MMS



Tgt Ion:184 Resp: 253629
Ion Ratio Lower Upper
184 100
185 14.4 13.8 20.8
183 12.4 9.6 14.4

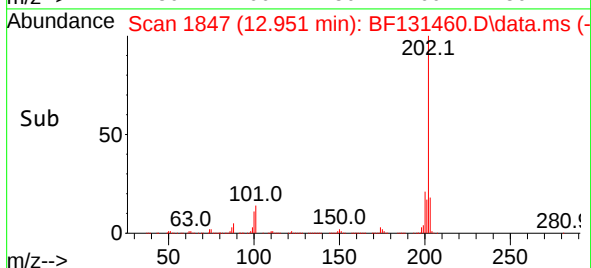
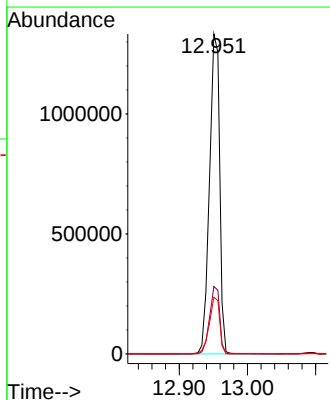
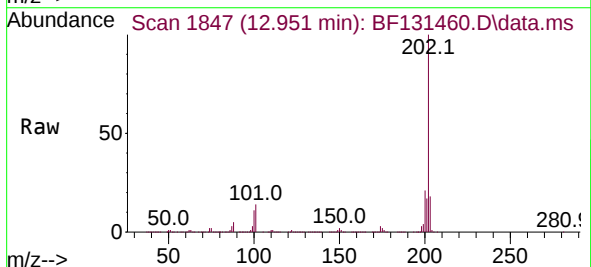
Manual Integrations
APPROVED

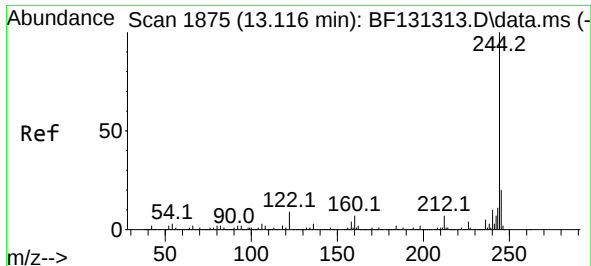
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#78
Pyrene
Concen: 41.660 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

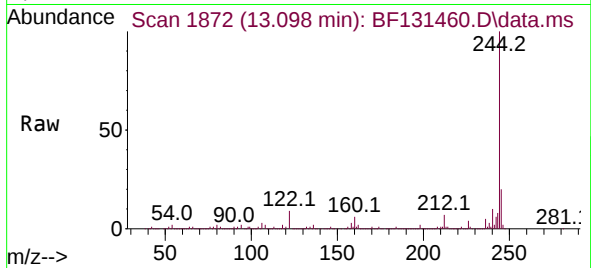
Tgt Ion:202 Resp: 1375750
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.7 13.9 20.9





#79
 Terphenyl-d14
 Concen: 81.255 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131460.D
 Acq: 29 Nov 2022 17:04

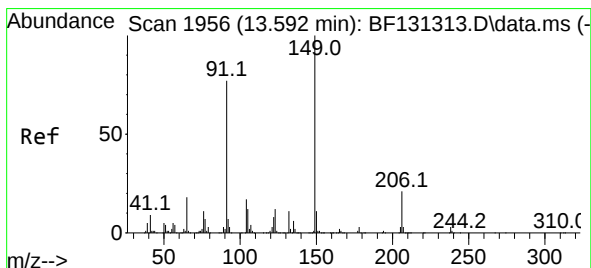
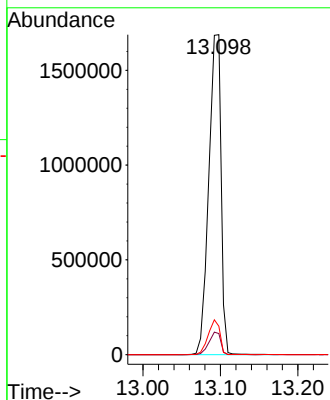
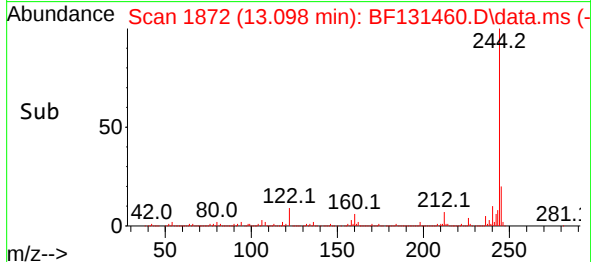
Instrument :
 BNA_F
 ClientSampleId :
 TP-MMS



Tgt Ion:244 Resp: 1859810
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 8.9 7.5 11.3

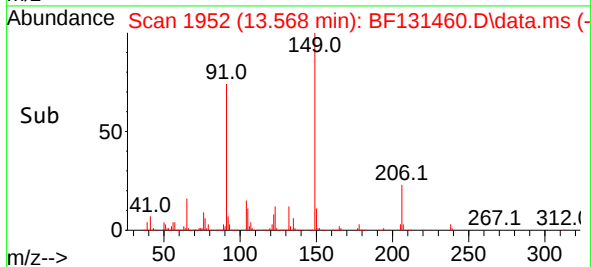
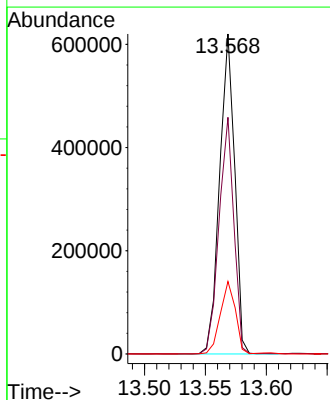
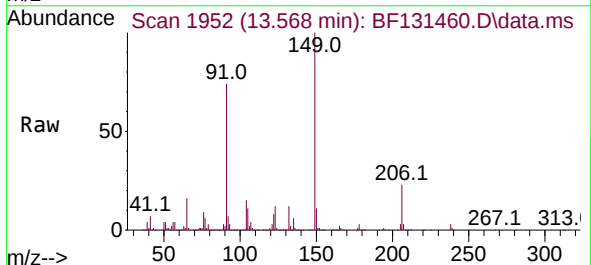
Manual Integrations
 APPROVED

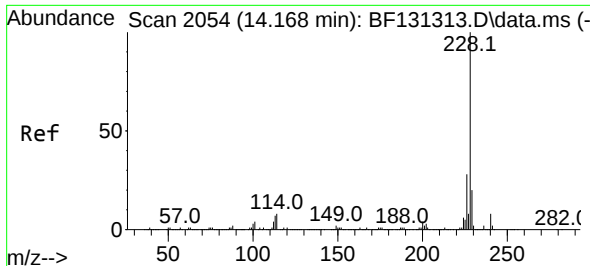
Reviewed By :Christian Giraldo 11/30/2022
 Supervised By :mohammad ahmed 12/01/2022



#80
 Butylbenzylphthalate
 Concen: 47.940 ng
 RT: 13.568 min Scan# 1952
 Delta R.T. -0.012 min
 Lab File: BF131460.D
 Acq: 29 Nov 2022 17:04

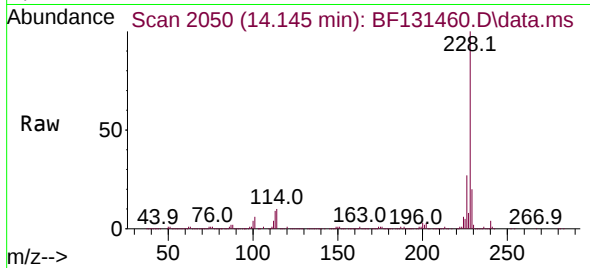
Tgt Ion:149 Resp: 532559
 Ion Ratio Lower Upper
 149 100
 91 73.9 61.9 92.9
 206 22.6 16.5 24.7





#81
Benzo(a)anthracene
Concen: 42.485 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.012 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

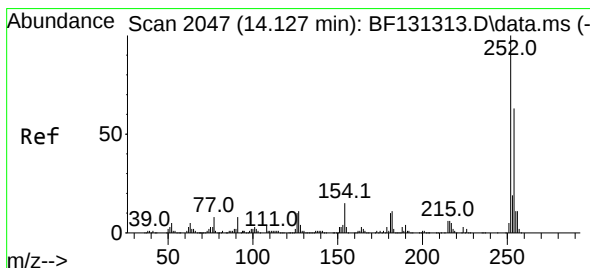
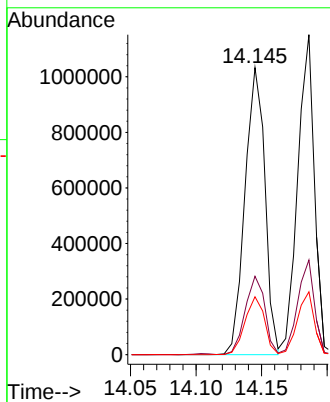
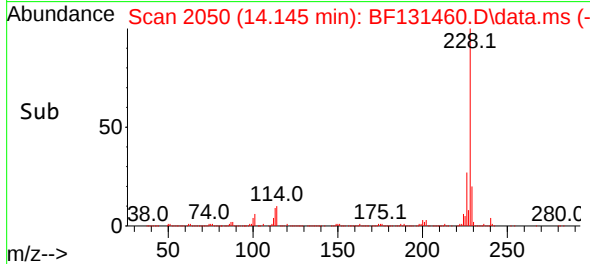
Instrument :
BNA_F
ClientSampleId :
TP-MMS



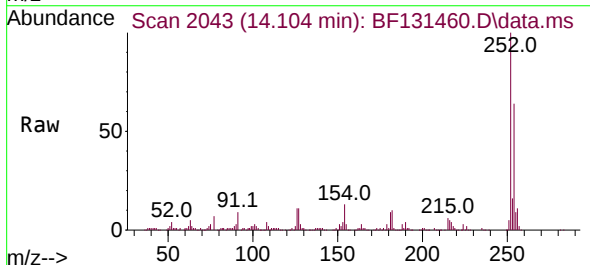
Tgt Ion:228 Resp: 1089982
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 20.2 15.7 23.5

Manual Integrations
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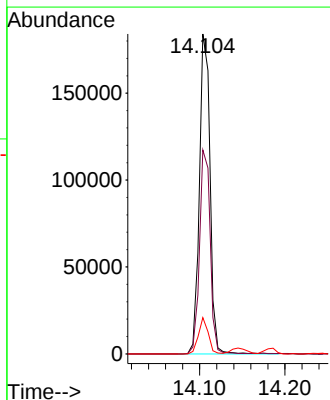
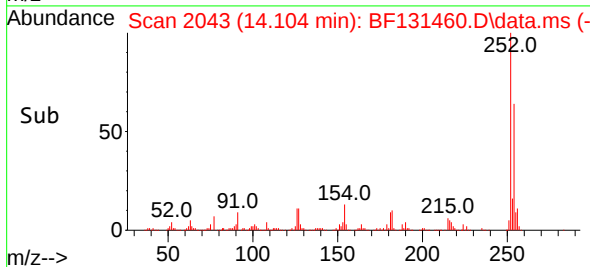
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

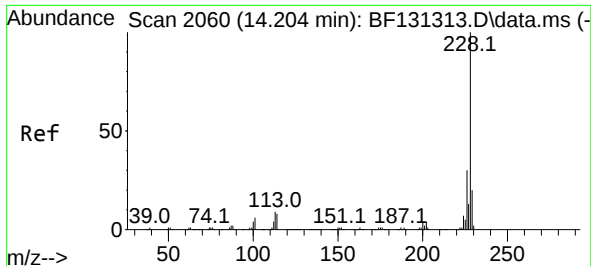


#82
3,3'-Dichlorobenzidine
Concen: 23.373 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04



Tgt Ion:252 Resp: 159125
Ion Ratio Lower Upper
252 100
254 63.7 50.8 76.2
126 11.3 8.3 12.5





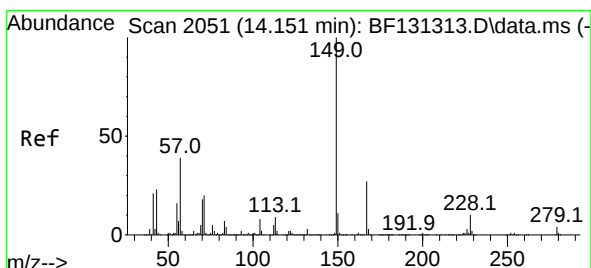
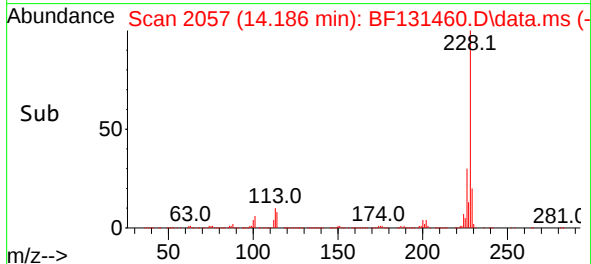
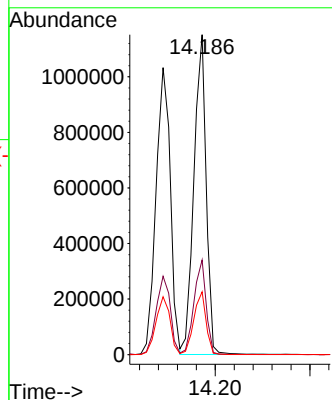
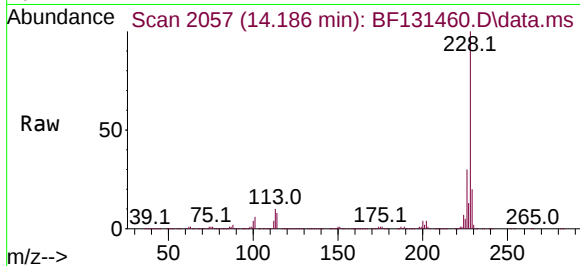
#83
Chrysene
Concen: 41.023 ng
RT: 14.186 min Scan# 2060
Delta R.T. -0.006 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

Instrument :
BNA_F
ClientSampleId :
TP-MMS

Tgt Ion:228 Resp: 1032588
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 19.6 16.2 24.4

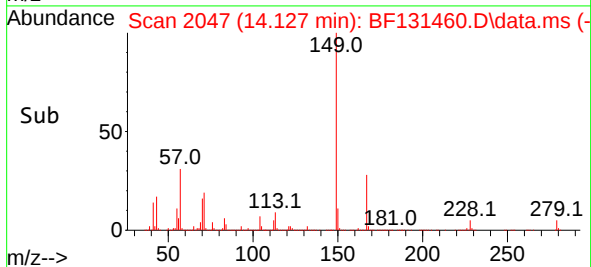
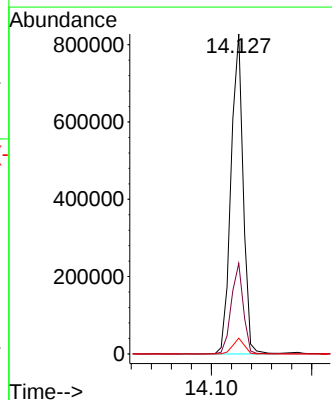
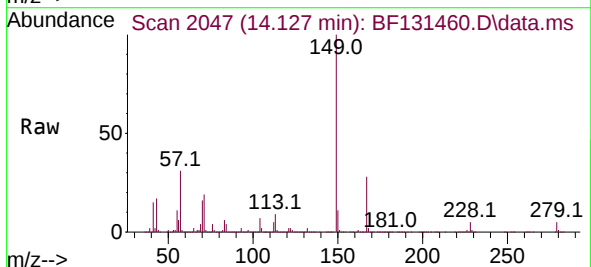
Manual Integrations
APPROVED

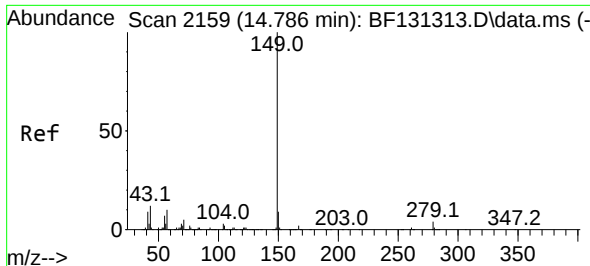
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.417 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

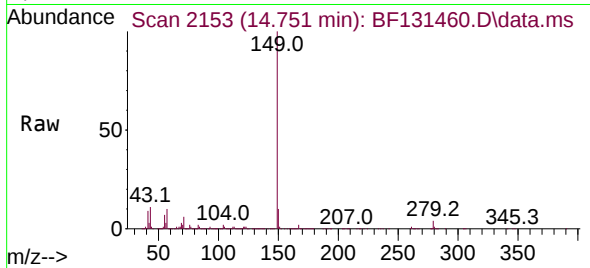
Tgt Ion:149 Resp: 698383
Ion Ratio Lower Upper
149 100
167 28.3 21.9 32.9
279 4.9 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 50.542 ng
RT: 14.751 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

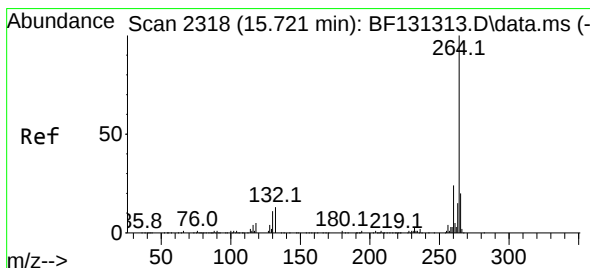
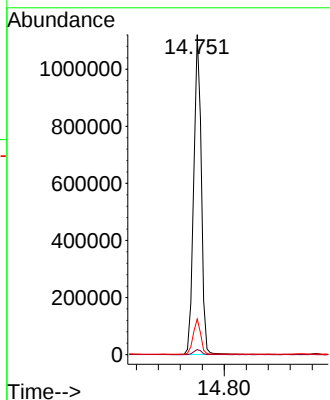
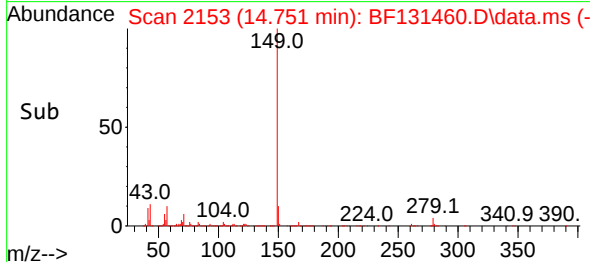
Instrument :
BNA_F
ClientSampleId :
TP-MMS



Tgt Ion:149 Resp: 1076630
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 10.7 16.1

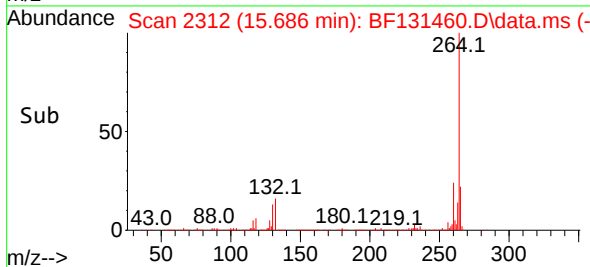
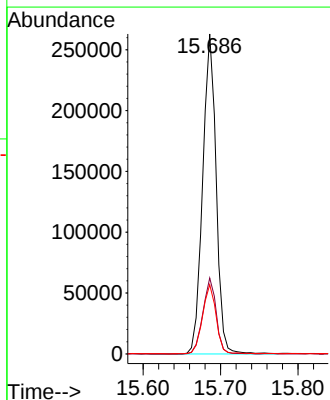
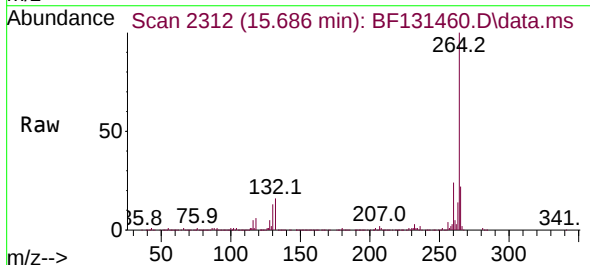
Manual Integrations
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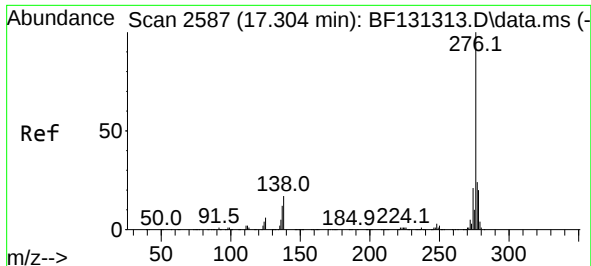
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 2312
Delta R.T. -0.012 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

Tgt Ion:264 Resp: 317620
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.6 16.4 24.6





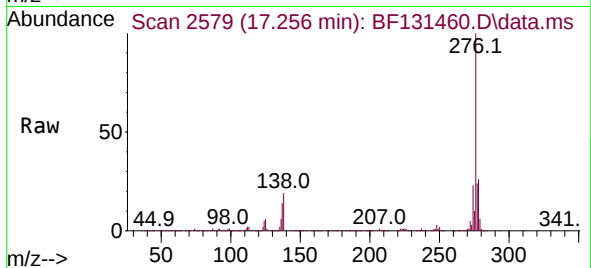
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.005 ng
RT: 17.256 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04

Instrument :

BNA_F

ClientSampleId :

TP-MMS

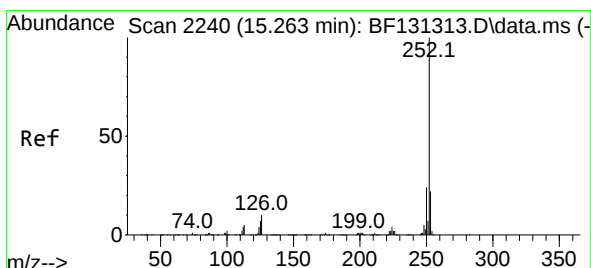
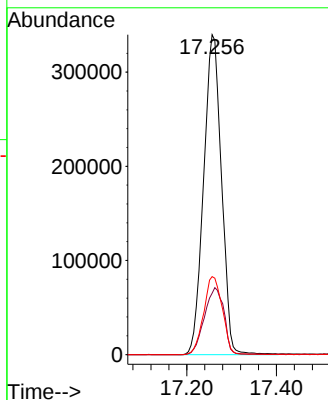
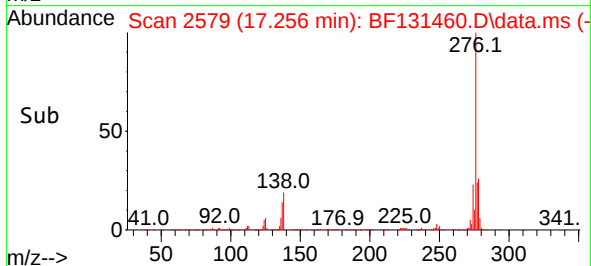


Tgt Ion:276 Resp: 938749
Ion Ratio Lower Upper
276 100
138 23.0 15.8 23.6
277 25.4 20.3 30.5

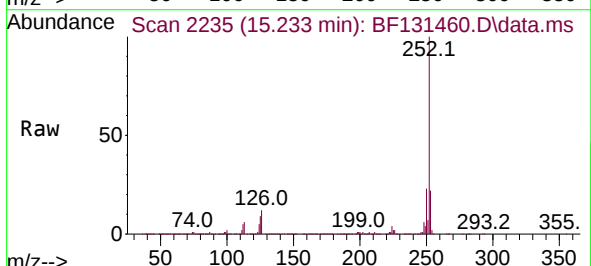
Manual Integrations

APPROVED

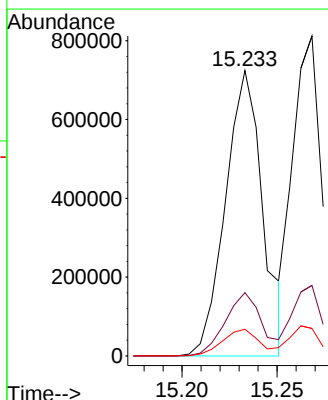
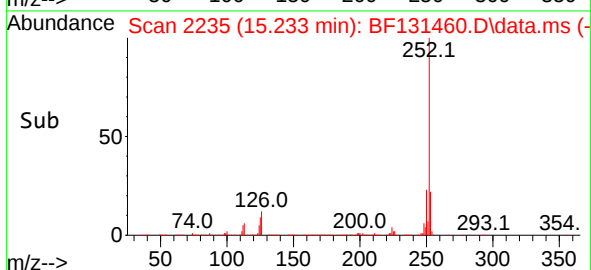
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

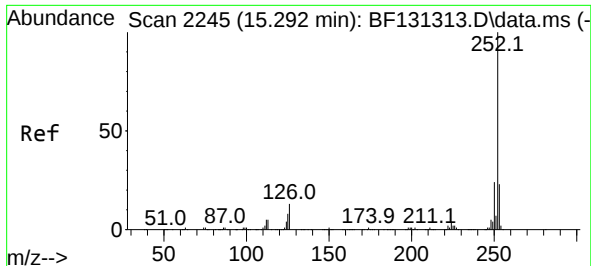


#88
Benzo(b)fluoranthene
Concen: 46.771 ng m
RT: 15.233 min Scan# 2235
Delta R.T. -0.012 min
Lab File: BF131460.D
Acq: 29 Nov 2022 17:04



Tgt Ion:252 Resp: 986884
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.4 5.8 8.6#





#89

Benzo(k)fluoranthene

Concen: 40.138 ng

RT: 15.268 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

Instrument :

BNA_F

ClientSampleId :

TP-MMS

Tgt Ion:252 Resp: 870339

Ion Ratio Lower Upper

252 100

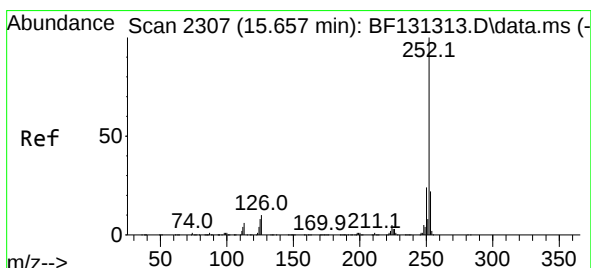
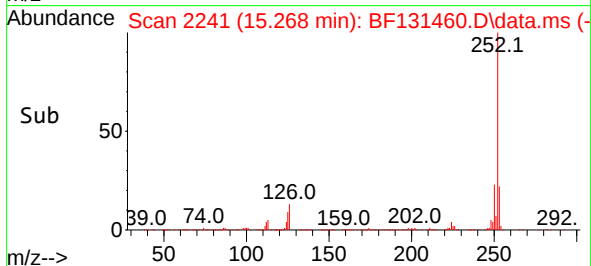
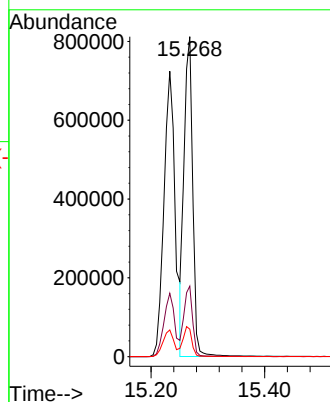
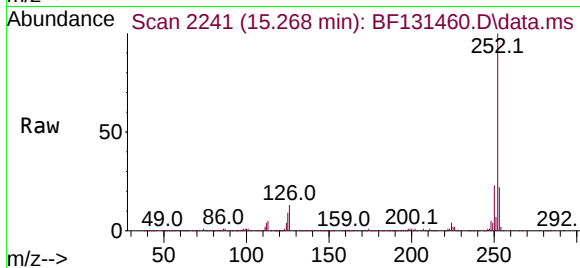
253 22.0 17.9 26.9

125 8.6 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#90

Benzo(a)pyrene

Concen: 45.729 ng

RT: 15.627 min Scan# 2302

Delta R.T. -0.012 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

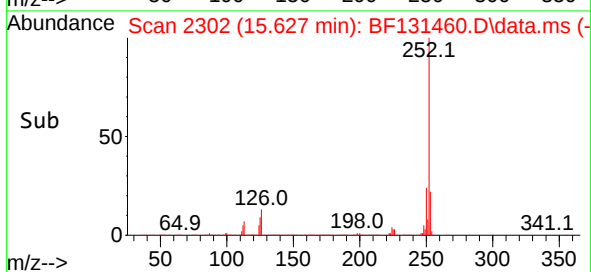
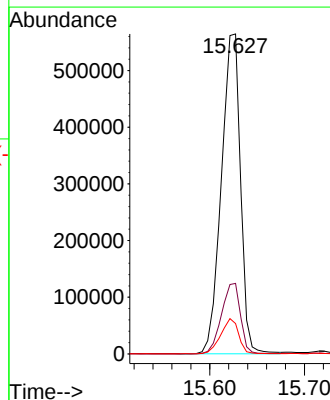
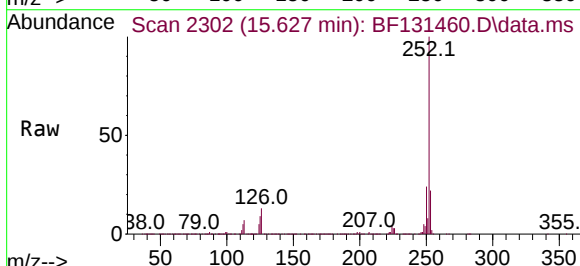
Tgt Ion:252 Resp: 791724

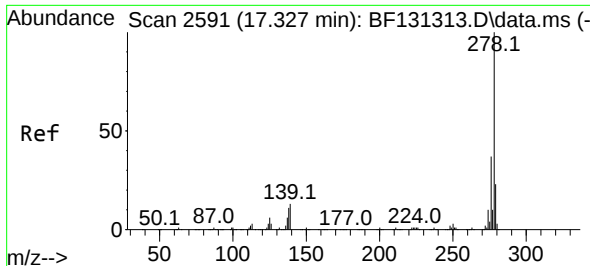
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.5 6.1 9.1#





#91

Dibenzo(a,h)anthracene

Concen: 44.756 ng

RT: 17.280 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

Instrument :

BNA_F

ClientSampleId :

TP-MMS

Tgt Ion:278 Resp: 78825

Ion Ratio Lower Upper

278 100

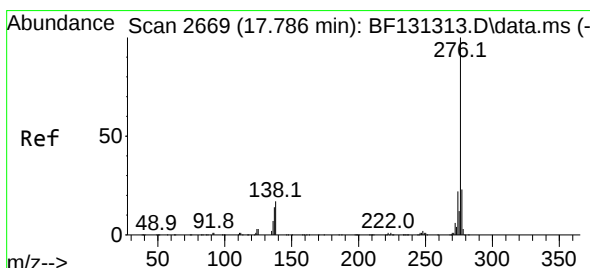
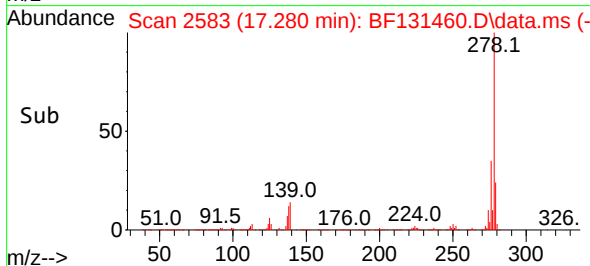
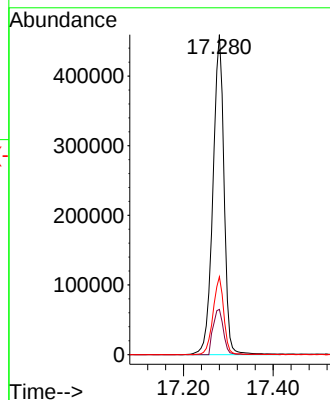
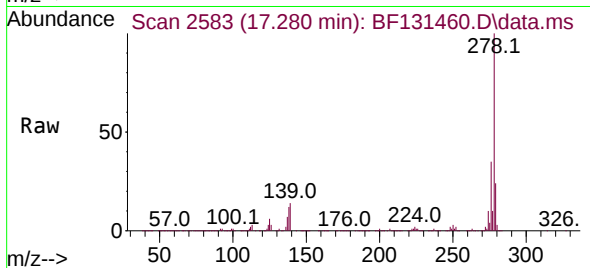
139 14.1 10.4 15.6

279 24.3 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022



#92

Benzo(g,h,i)perylene

Concen: 45.407 ng

RT: 17.739 min Scan# 2661

Delta R.T. -0.018 min

Lab File: BF131460.D

Acq: 29 Nov 2022 17:04

Tgt Ion:276 Resp: 798182

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 18.9 13.8 20.6

