

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132413.D
 Acq On : 13 Feb 2023 16:54
 Operator : CG\JU
 Sample : PB150810BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 01:37:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:51:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	195661	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	365754	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	183947	20.000	ng	0.00
64) Phenanthrene-d10	11.583	188	341450	20.000	ng	# 0.00
76) Chrysene-d12	14.242	240	248300	20.000	ng	0.00
86) Perylene-d12	15.807	264	240650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	1409427	131.451	ng	0.02
7) Phenol-d6	6.660	99	1740980	130.284	ng	0.00
23) Nitrobenzene-d5	7.601	82	519372	84.711	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	368934	150.717	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	1121385	88.255	ng	0.00
79) Terphenyl-d14	13.177	244	1381924	93.603	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.060	88	133429	16.936	ng	99
3) Pyridine	3.790	79	502231	35.230	ng	97
4) n-Nitrosodimethylamine	3.754	42	177116	38.050	ng	86
6) Aniline	6.701	93	421710	29.028	ng	98
8) 2-Chlorophenol	6.819	128	580152	45.208	ng	97
9) Benzaldehyde	6.584	77	150071	30.540	ng	94
10) Phenol	6.672	94	615947	45.180	ng	96
11) bis(2-Chloroethyl)ether	6.766	93	567578	41.433	ng	98
12) 1,3-Dichlorobenzene	6.972	146	619184	44.015	ng	97
13) 1,4-Dichlorobenzene	7.048	146	622984	44.121	ng	98
14) 1,2-Dichlorobenzene	7.201	146	595249	44.834	ng	99
15) Benzyl Alcohol	7.172	79	391048	49.037	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.301	45	447962	41.180	ng	98
17) 2-Methylphenol	7.278	107	431149	37.240	ng	99
18) Hexachloroethane	7.548	117	118364	21.130	ng	97
19) n-Nitroso-di-n-propyla...	7.448	70	253441	33.237	ng	96
20) 3+4-Methylphenols	7.431	107	467831	32.160	ng	93
22) Acetophenone	7.442	105	614062	72.019	ng	99
24) Nitrobenzene	7.619	77	250544	41.061	ng	99
25) Isophorone	7.854	82	466450	43.184	ng	99
26) 2-Nitrophenol	7.937	139	157302	46.978	ng	94
27) 2,4-Dimethylphenol	7.966	122	253436	46.423	ng	99
28) bis(2-Chloroethoxy)met...	8.060	93	292541	41.903	ng	99
29) 2,4-Dichlorophenol	8.178	162	240284	44.482	ng	95
30) 1,2,4-Trichlorobenzene	8.260	180	274929	44.813	ng	97
31) Naphthalene	8.342	128	794376	41.436	ng	99
32) Benzoic acid	8.089	122	175357	61.206	ng	99
33) 4-Chloroaniline	8.419	127	120647	17.117	ng	99
34) Hexachlorobutadiene	8.454	225	177698	45.372	ng	99
35) Caprolactam	8.760	113	44752	27.652	ng	95
36) 4-Chloro-3-methylphenol	8.866	107	243048	41.752	ng	99
37) 2-Methylnaphthalene	9.036	142	534823	35.749	ng	99
38) 1-Methylnaphthalene	9.136	142	494094	34.992	ng	97
40) 1,2,4,5-Tetrachloroben...	9.201	216	266915	45.994	ng	98
41) Hexachlorocyclopentadiene	9.189	237	392840	111.185	ng	99
43) 2,4,6-Trichlorophenol	9.313	196	179276	45.491	ng	99

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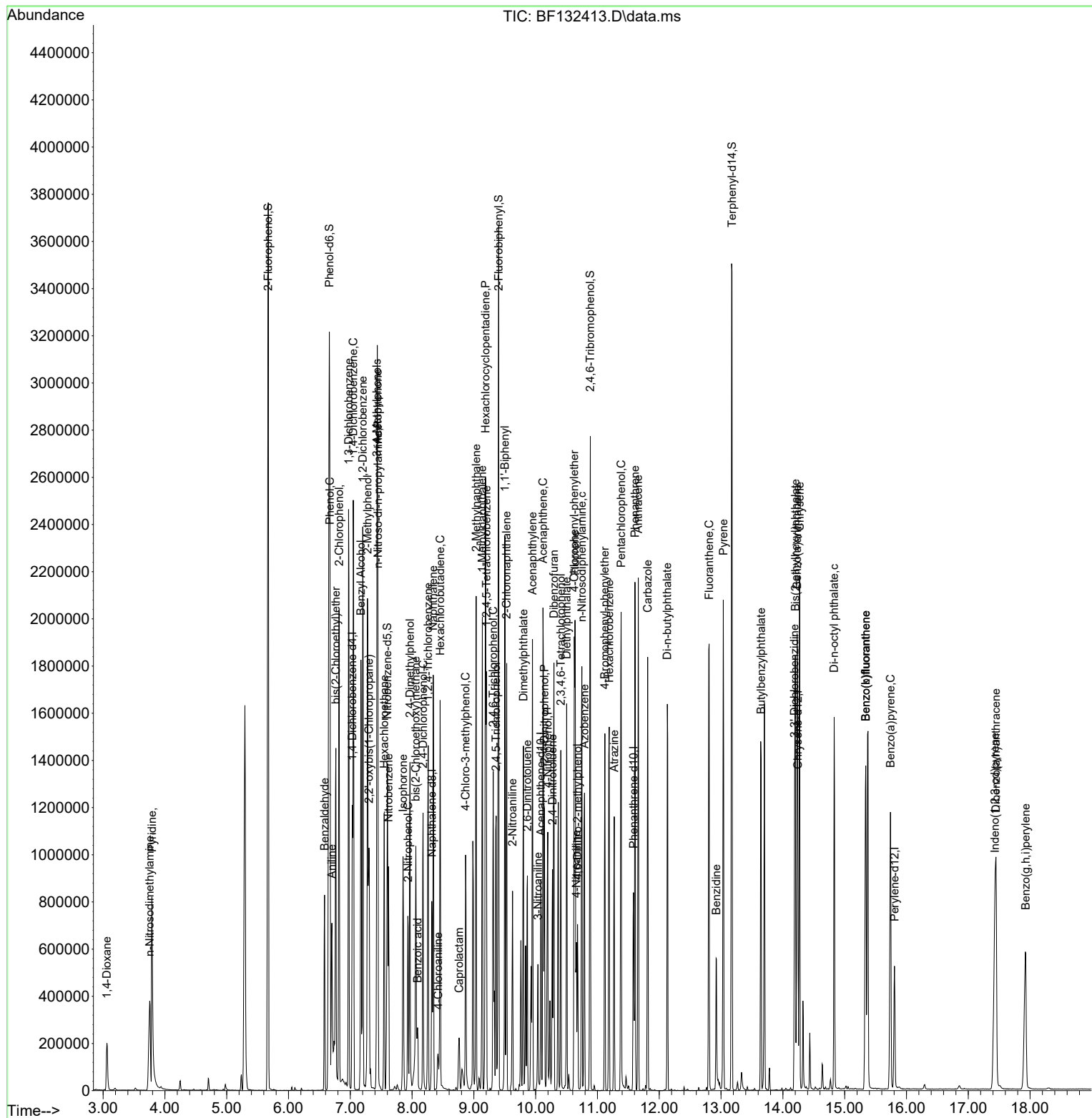
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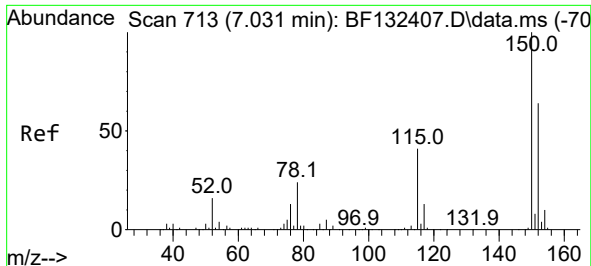
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:51:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.360	196	188828	41.833	ng	100
46) 1,1'-Biphenyl	9.501	154	660199	44.004	ng	98
47) 2-Chloronaphthalene	9.531	162	502815	43.807	ng	98
48) 2-Nitroaniline	9.625	65	115324	43.056	ng	95
49) Acenaphthylene	9.948	152	777186	42.591	ng	99
50) Dimethylphthalate	9.801	163	589006	42.513	ng	99
51) 2,6-Dinitrotoluene	9.866	165	132059	43.448	ng	97
52) Acenaphthene	10.119	154	581623	49.465	ng	99
53) 3-Nitroaniline	10.036	138	103345	30.568	ng	99
54) 2,4-Dinitrophenol	10.142	184	170121	100.664	ng	# 85
55) Dibenzofuran	10.295	168	693646	42.352	ng	99
56) 4-Nitrophenol	10.195	139	224054	88.910	ng	88
57) 2,4-Dinitrotoluene	10.272	165	177597	44.476	ng	100
58) Fluorene	10.636	166	550409	43.224	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.407	232	157346	45.416	ng	99
60) Diethylphthalate	10.501	149	597182	43.056	ng	98
61) 4-Chlorophenyl-phenyle...	10.625	204	272239	42.554	ng	95
62) 4-Nitroaniline	10.660	138	131370	42.431	ng	87
63) Azobenzene	10.789	77	448591	40.980	ng	95
65) 4,6-Dinitro-2-methylph...	10.678	198	102922	48.485	ng	89
66) n-Nitrosodiphenylamine	10.748	169	470859	42.716	ng	100
67) 4-Bromophenyl-phenylether	11.119	248	175059	43.926	ng	96
68) Hexachlorobenzene	11.189	284	215029	48.781	ng	# 90
69) Atrazine	11.272	200	153956	49.811	ng	98
70) Pentachlorophenol	11.383	266	238041	90.257	ng	99
71) Phenanthrene	11.607	178	808485	43.431	ng	99
72) Anthracene	11.660	178	819372	42.977	ng	99
73) Carbazole	11.813	167	710958	43.454	ng	99
74) Di-n-butylphthalate	12.130	149	909824	44.283	ng	99
75) Fluoranthene	12.807	202	841443	45.675	ng	96
77) Benzidine	12.924	184	267695	75.777	ng	99
78) Pyrene	13.036	202	862839	41.931	ng	99
80) Butylbenzylphthalate	13.648	149	378577	44.384	ng	93
81) Benzo(a)anthracene	14.230	228	792144	43.850	ng	99
82) 3,3'-Dichlorobenzidine	14.189	252	203623	40.758	ng	98
83) Chrysene	14.271	228	735555	43.149	ng	100
84) Bis(2-ethylhexyl)phtha...	14.201	149	541955	45.174	ng	99
85) Di-n-octyl phthalate	14.830	149	886674	46.333	ng	100
87) Indeno(1,2,3-cd)pyrene	17.430	276	693103	40.520	ng	97
88) Benzo(b)fluoranthene	15.342	252	763281	48.856	ng	# 98
89) Benzo(k)fluoranthene	15.342	252	763281	49.115	ng	98
90) Benzo(a)pyrene	15.742	252	654620	44.614	ng	99
91) Dibenzo(a,h)anthracene	17.448	278	589178	41.357	ng	99
92) Benzo(g,h,i)perylene	17.930	276	555603	39.594	ng	95

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

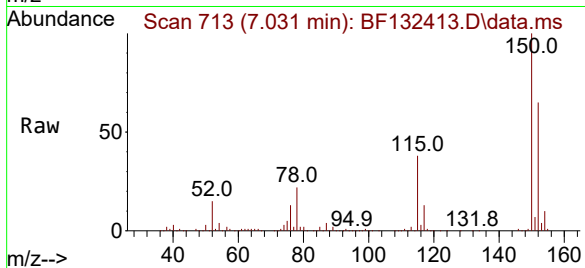
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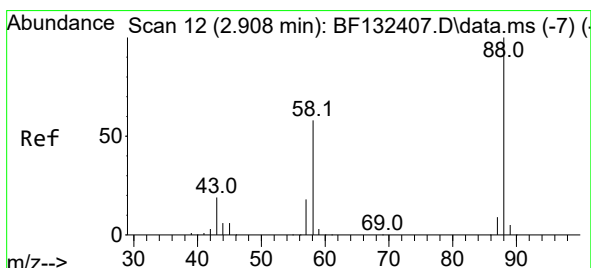
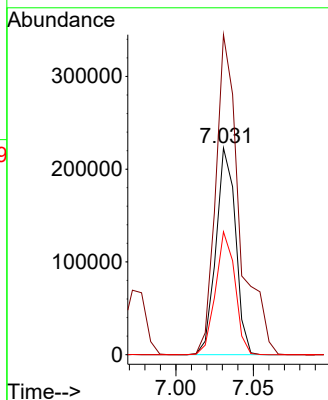
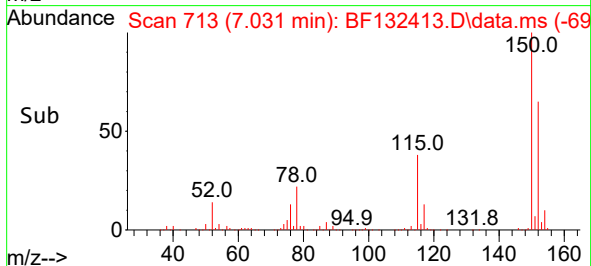


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.031 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132413.D
 Acq: 13 Feb 2023 16:54

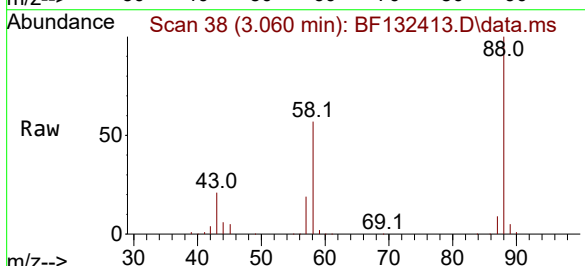
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 BNA_F
 ClientSampleId :



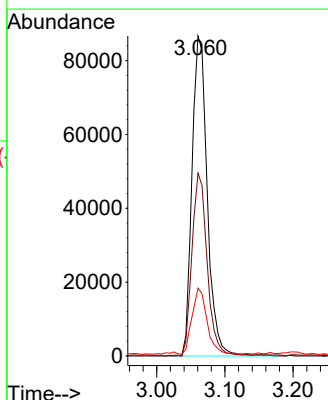
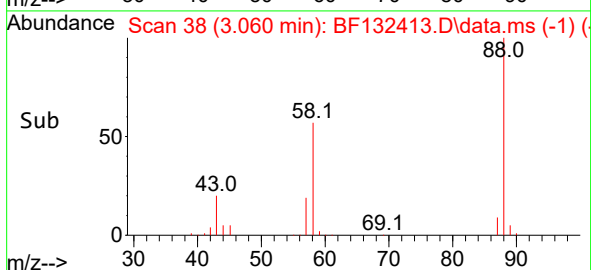
Tgt Ion:152 Resp: 195661
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.4 186.6
 115 59.4 50.6 75.8

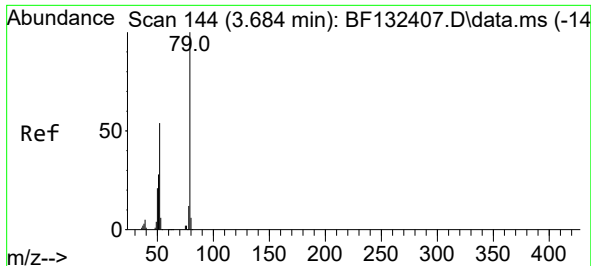


#2
 1,4-Dioxane
 Concen: 16.936 ng
 RT: 3.060 min Scan# 38
 Delta R.T. 0.152 min
 Lab File: BF132413.D
 Acq: 13 Feb 2023 16:54



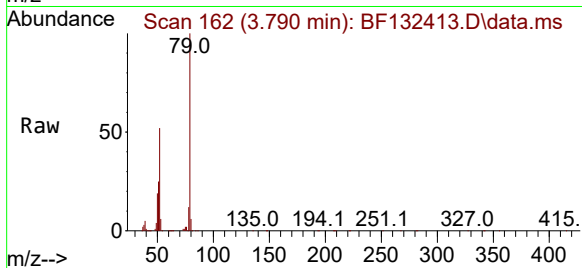
Tgt Ion: 88 Resp: 133429
 Ion Ratio Lower Upper
 88 100
 58 57.3 45.7 68.5
 43 20.4 15.0 22.4



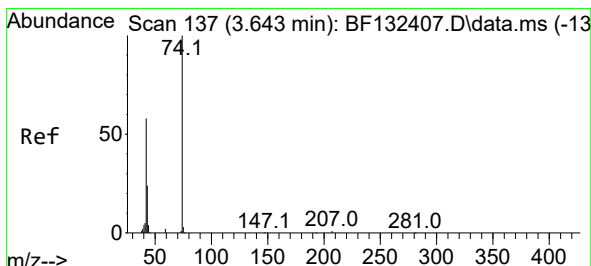
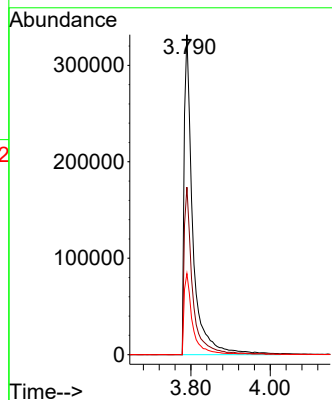
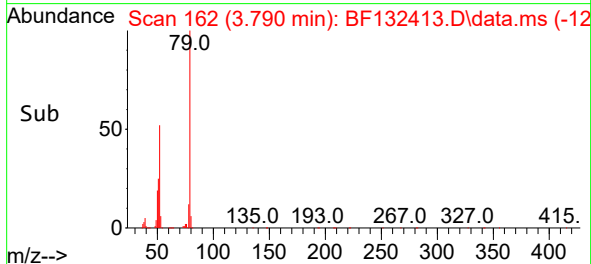


#3
Pyridine
Concen: 35.230 ng
RT: 3.790 min Scan# 110
Delta R.T. 0.106 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :
BNA_F
ClientSampleId :

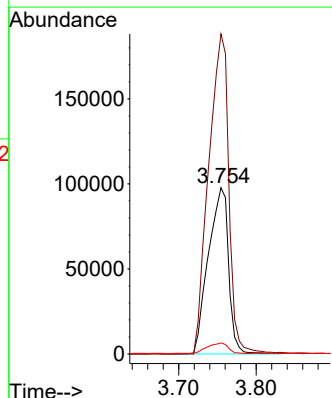
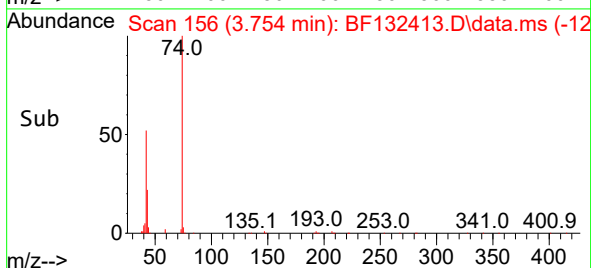
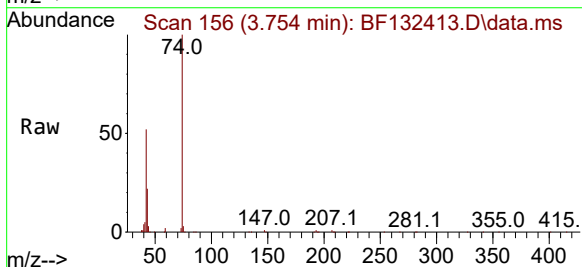


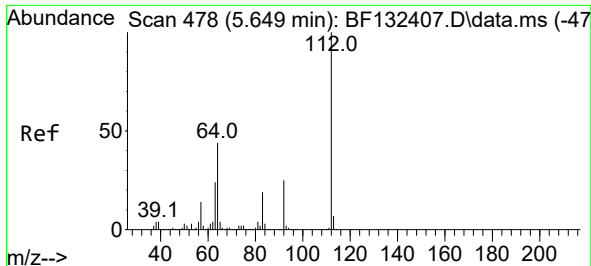
Tgt Ion: 79 Resp: 502231
Ion Ratio Lower Upper
79 100
52 52.3 43.3 64.9
51 25.3 22.1 33.1



#4
n-Nitrosodimethylamine
Concen: 38.050 ng
RT: 3.754 min Scan# 156
Delta R.T. 0.111 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion: 42 Resp: 177116
Ion Ratio Lower Upper
42 100
74 192.5 137.8 206.6
44 6.7 5.8 8.6

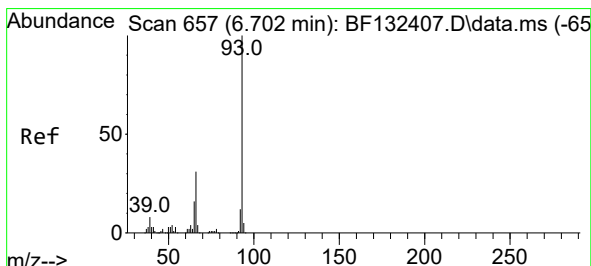
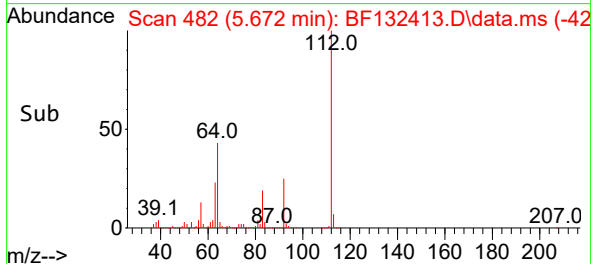
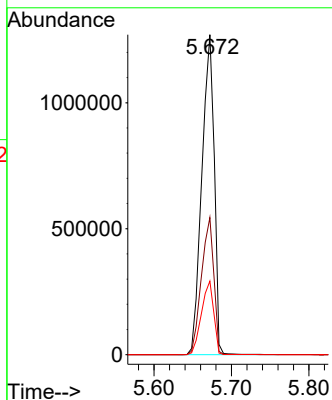
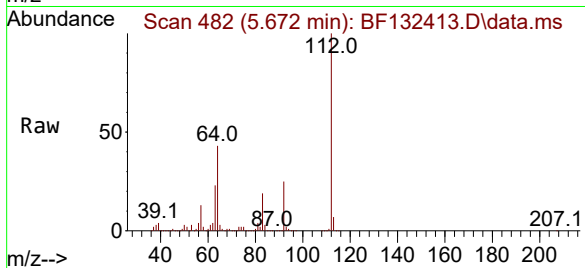




#5
2-Fluorophenol
Concen: 131.451 ng
RT: 5.672 min Scan# 41
Delta R.T. 0.023 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

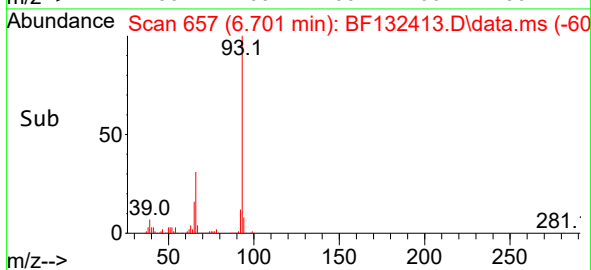
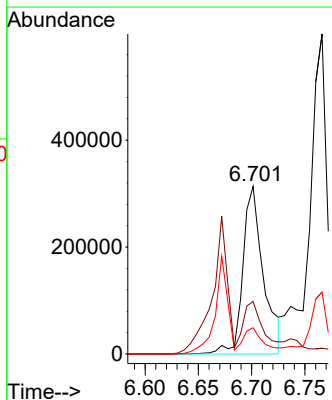
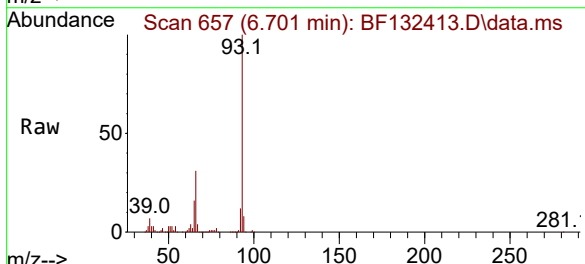
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ClientSampleId :

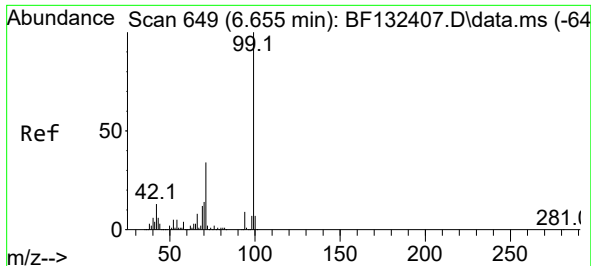
Tgt Ion:112 Resp: 1409427
Ion Ratio Lower Upper
112 100
64 42.9 34.8 52.2
63 23.0 19.3 28.9



#6
Aniline
Concen: 29.028 ng
RT: 6.701 min Scan# 657
Delta R.T. -0.001 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion: 93 Resp: 421710
Ion Ratio Lower Upper
93 100
66 31.3 25.7 38.5
65 15.7 13.1 19.7

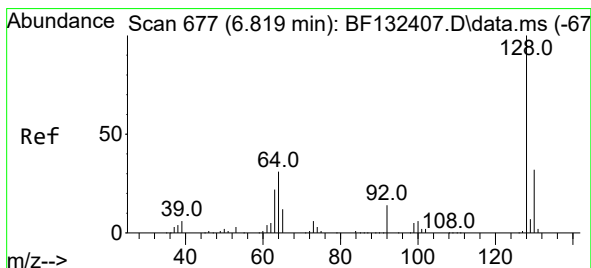
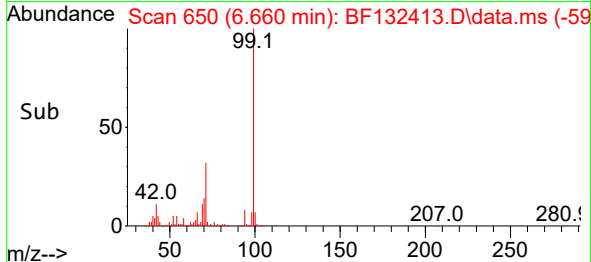
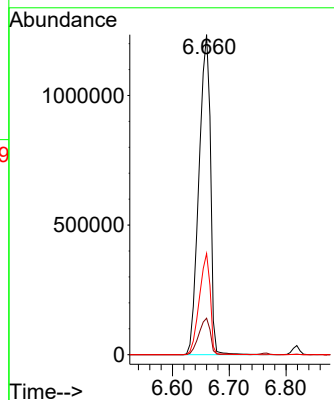
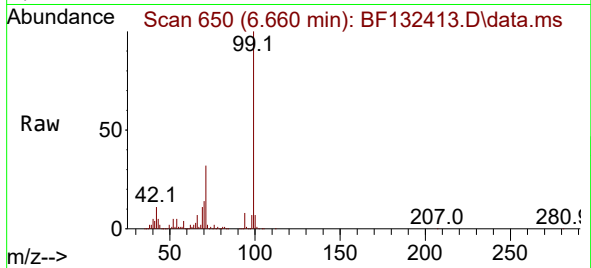




#7
Phenol-d6
Concen: 130.284 ng
RT: 6.660 min Scan# 649
Delta R.T. 0.005 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

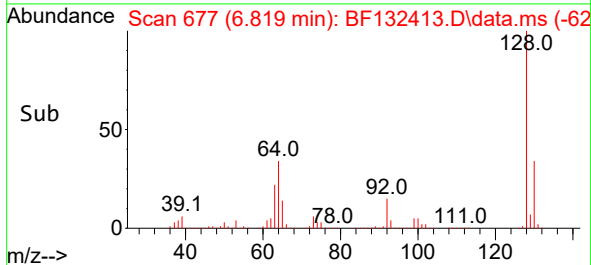
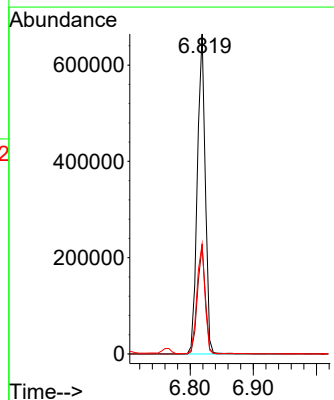
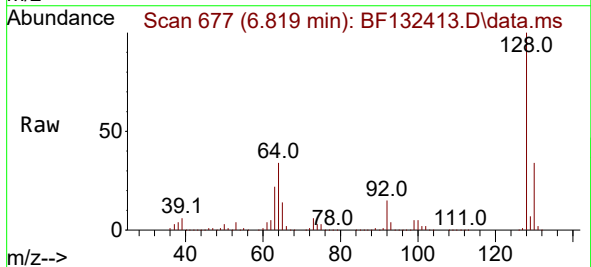
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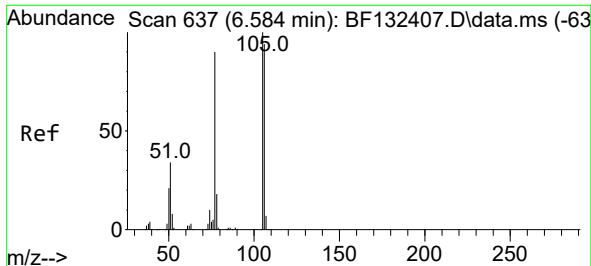
Tgt Ion: 99 Resp: 1740980
Ion Ratio Lower Upper
99 100
42 11.4 10.1 15.1
71 31.6 26.8 40.2



#8
2-Chlorophenol
Concen: 45.208 ng
RT: 6.819 min Scan# 677
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:128 Resp: 580152
Ion Ratio Lower Upper
128 100
130 33.8 12.0 52.0
64 34.3 12.3 52.3

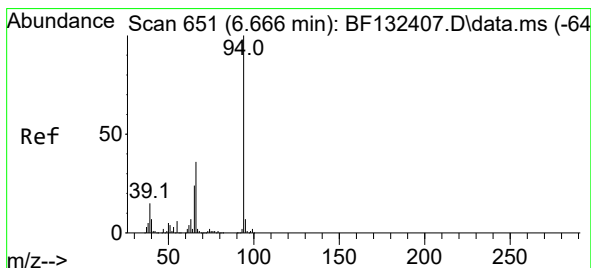
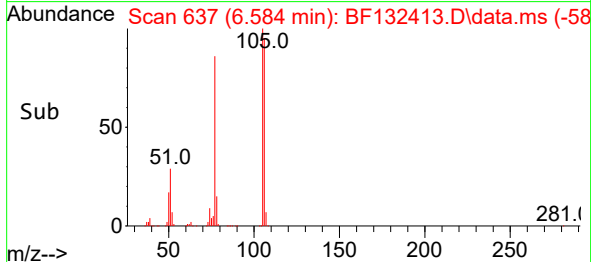
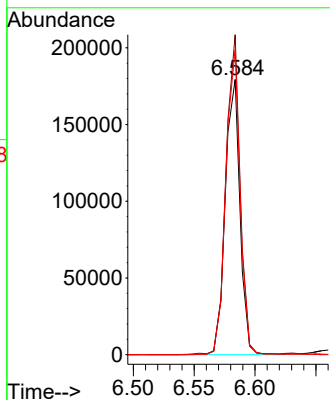
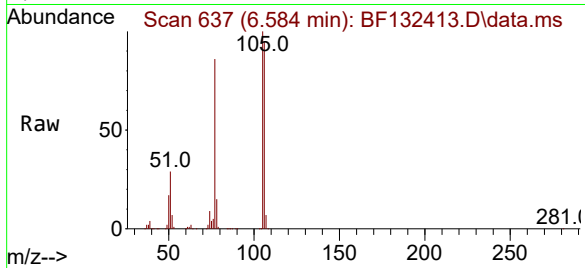




#9
Benzaldehyde
Concen: 30.540 ng
RT: 6.584 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

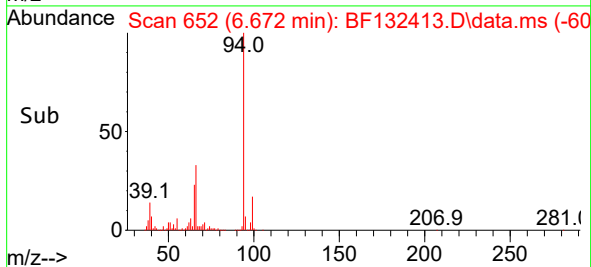
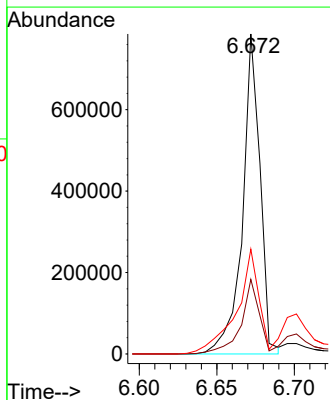
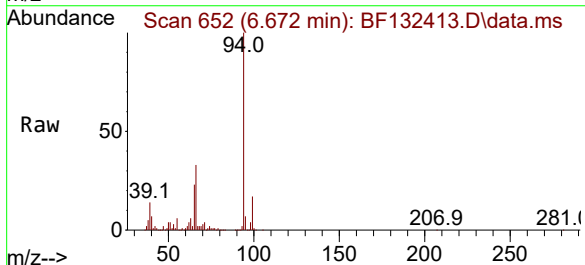
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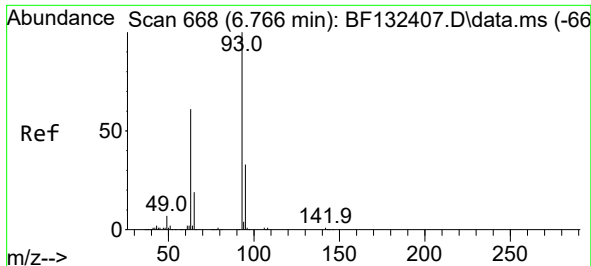
Tgt Ion: 77 Resp: 150071
Ion Ratio Lower Upper
77 100
105 116.3 91.1 131.1
106 110.8 84.2 124.2



#10
Phenol
Concen: 45.180 ng
RT: 6.672 min Scan# 652
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion: 94 Resp: 615947
Ion Ratio Lower Upper
94 100
65 23.3 4.3 44.3
66 32.8 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 41.433 ng

RT: 6.766 min Scan# 6

Delta R.T. -0.000 min

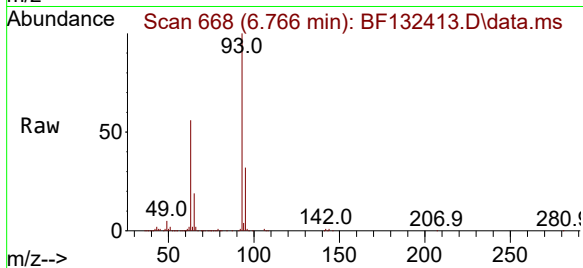
Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :



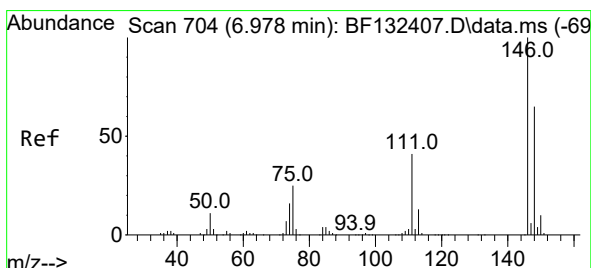
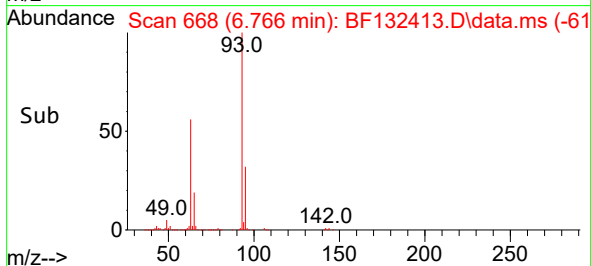
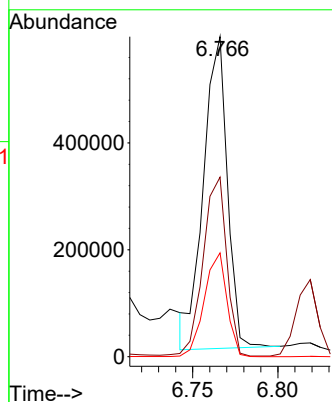
Tgt Ion: 93 Resp: 567578

Ion Ratio Lower Upper

93 100

63 56.1 37.9 77.9

95 32.5 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 44.015 ng

RT: 6.972 min Scan# 703

Delta R.T. -0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

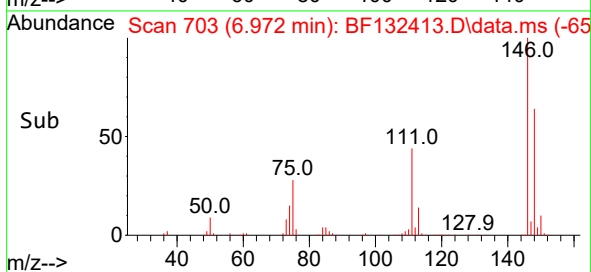
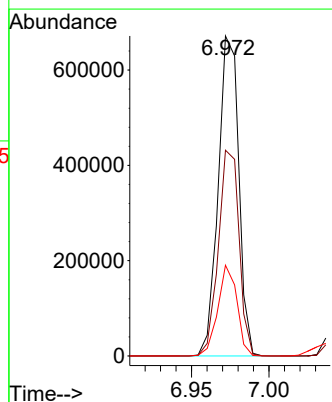
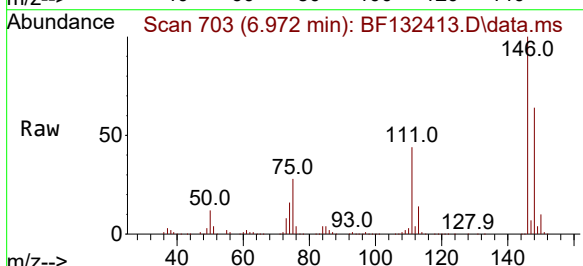
Tgt Ion:146 Resp: 619184

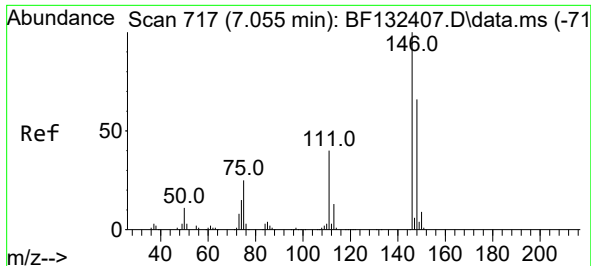
Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.4

75 28.3 20.0 30.0

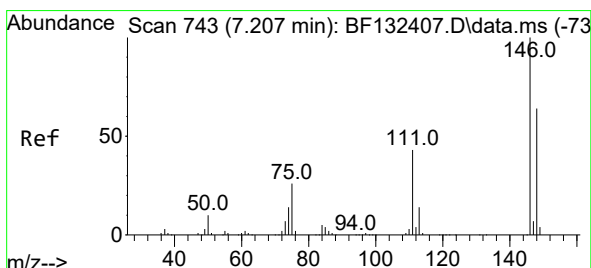
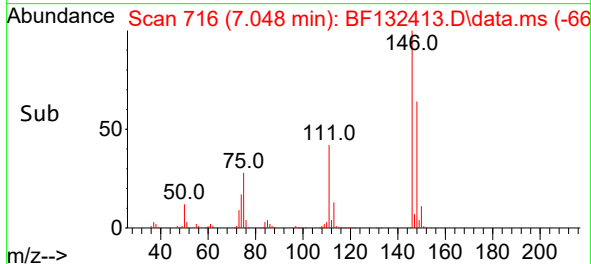
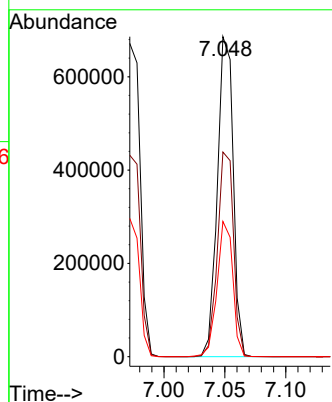
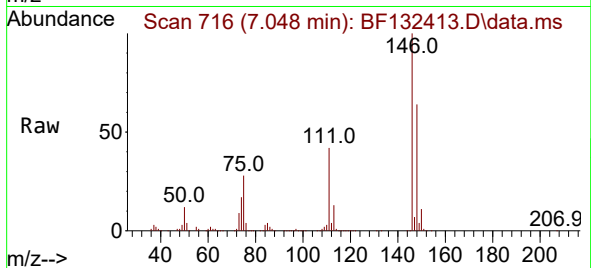




#13
1,4-Dichlorobenzene
Concen: 44.121 ng
RT: 7.048 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

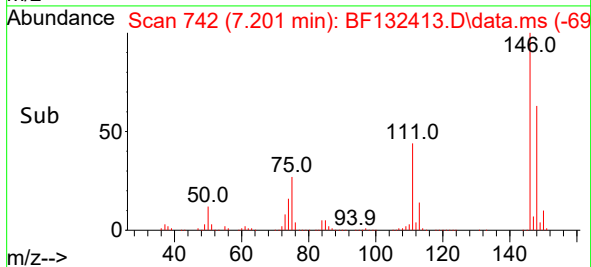
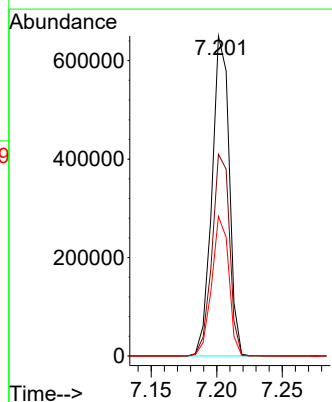
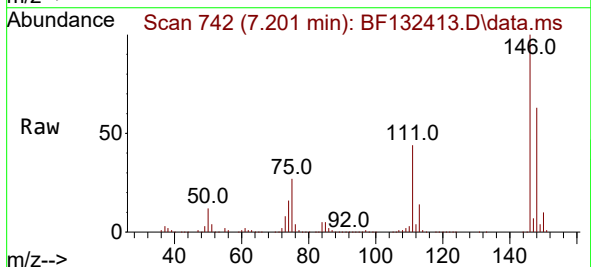
Instrument :
BNA_F
ClientSampleId :

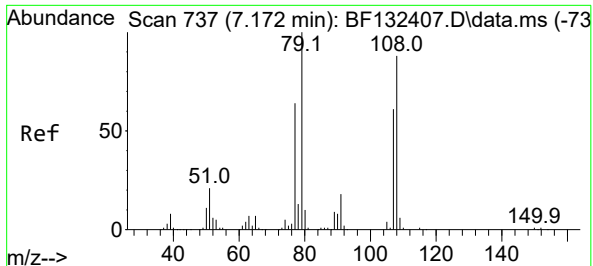
Tgt Ion:146 Resp: 622984
Ion Ratio Lower Upper
146 100
148 64.0 52.4 78.6
111 42.2 32.2 48.2



#14
1,2-Dichlorobenzene
Concen: 44.834 ng
RT: 7.201 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:146 Resp: 595249
Ion Ratio Lower Upper
146 100
148 63.0 51.2 76.8
111 43.6 34.2 51.4





#15

Benzyl Alcohol

Concen: 49.037 ng

RT: 7.172 min Scan# 71

Delta R.T. -0.000 min

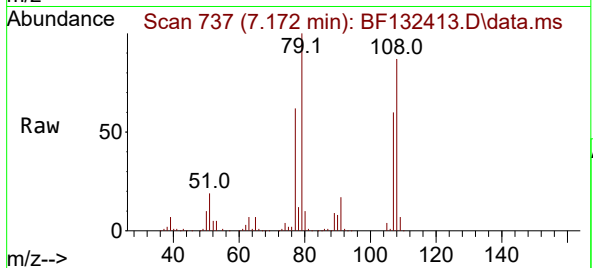
Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :



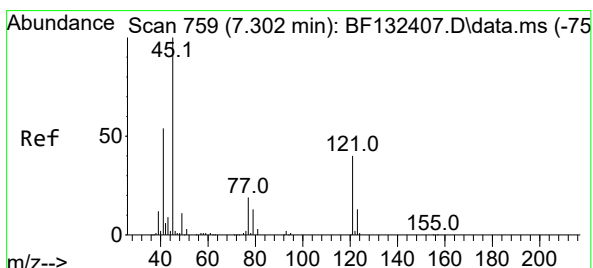
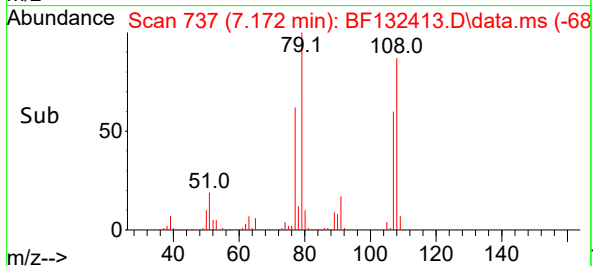
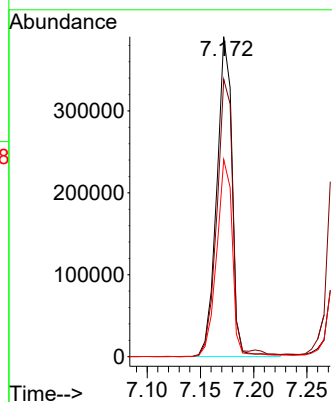
Tgt Ion: 79 Resp: 391048

Ion Ratio Lower Upper

79 100

108 86.7 70.2 105.2

77 61.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.180 ng

RT: 7.301 min Scan# 759

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

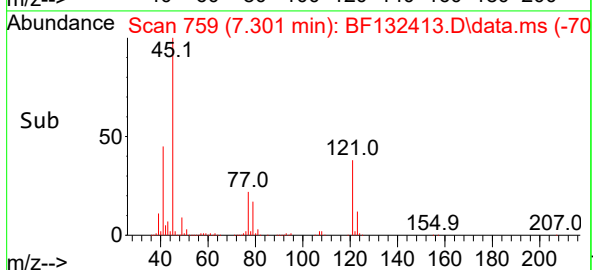
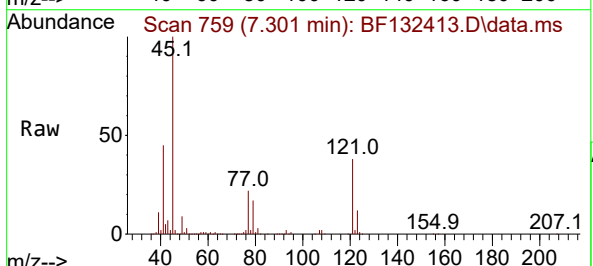
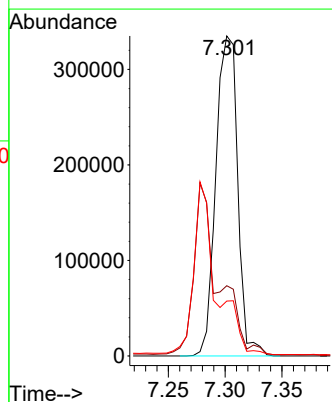
Tgt Ion: 45 Resp: 447962

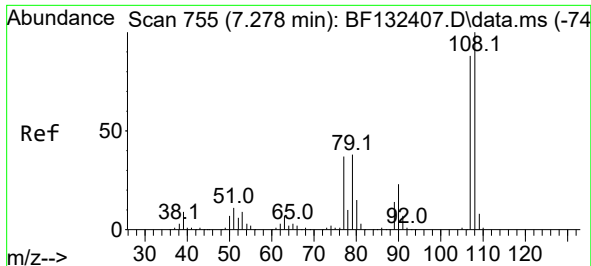
Ion Ratio Lower Upper

45 100

77 22.0 1.3 41.3

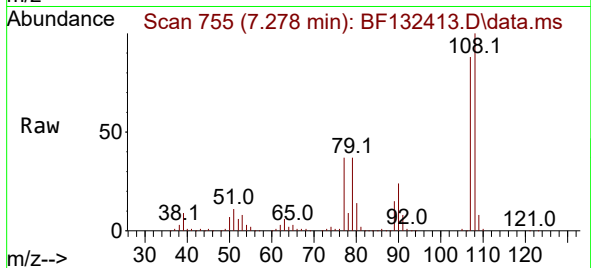
79 17.1 0.0 35.9



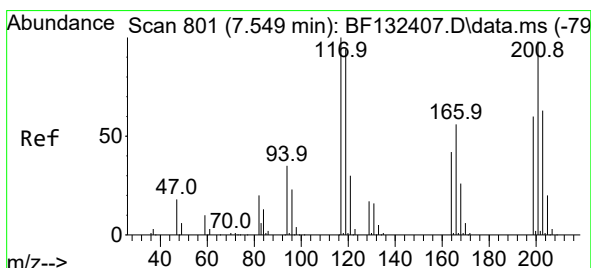
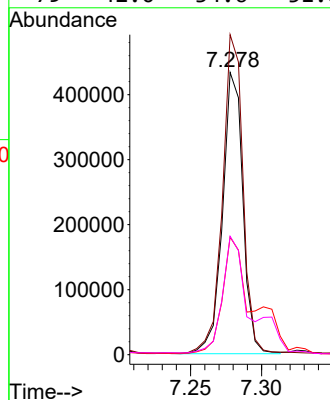
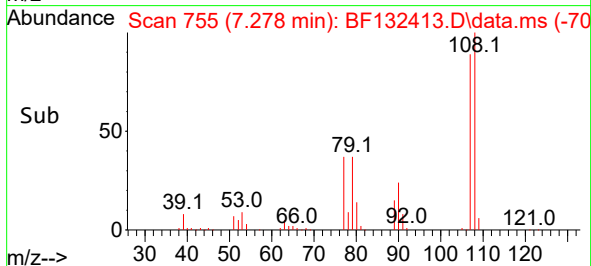


#17
2-Methylphenol
Concen: 37.240 ng
RT: 7.278 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

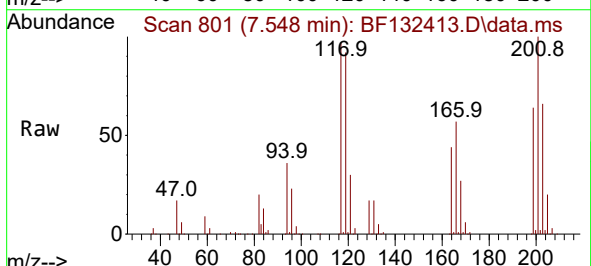
Instrument :
BNA_F
ClientSampleId :



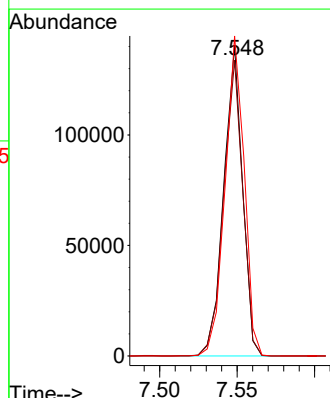
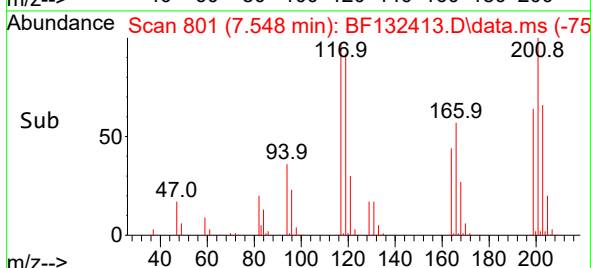
Tgt Ion:107 Resp: 431149
Ion Ratio Lower Upper
107 100
108 113.4 90.6 135.8
77 41.7 33.8 50.8
79 42.0 34.6 51.8

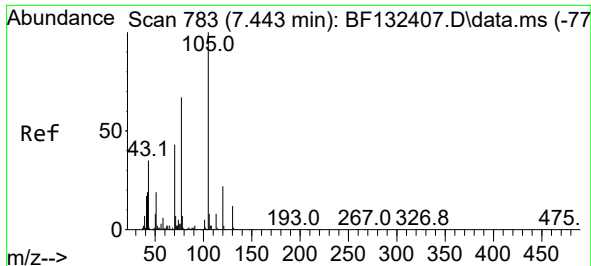


#18
Hexachloroethane
Concen: 21.130 ng
RT: 7.548 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



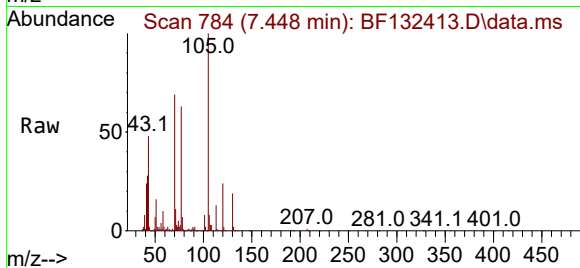
Tgt Ion:117 Resp: 118364
Ion Ratio Lower Upper
117 100
119 95.1 75.3 112.9
201 103.0 78.7 118.1



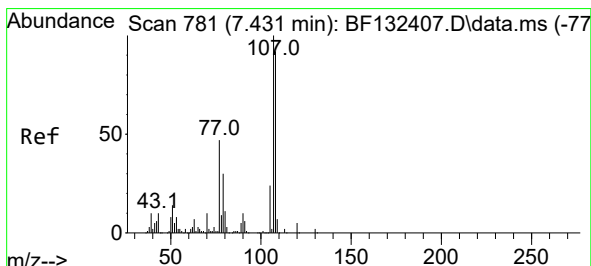
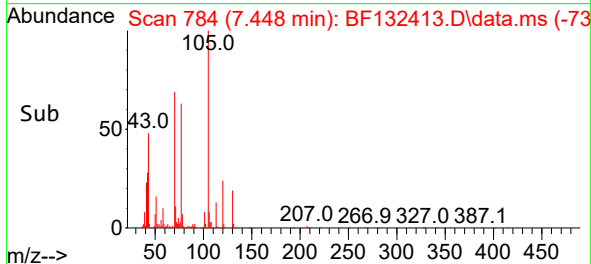
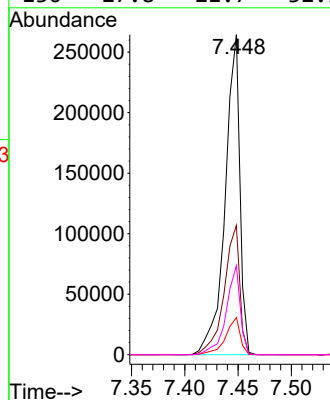


#19
n-Nitroso-di-n-propylamine
Concen: 33.237 ng
RT: 7.448 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :
BNA_F
ClientSampleId :

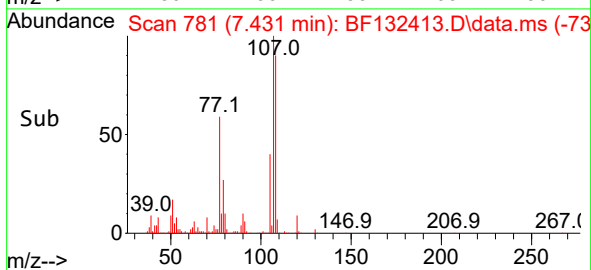
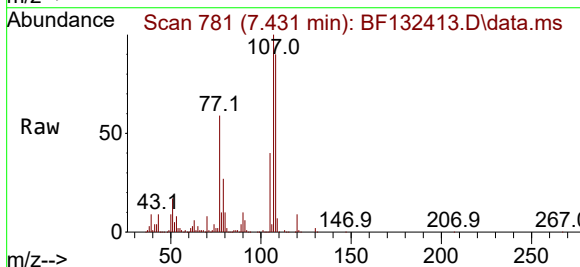
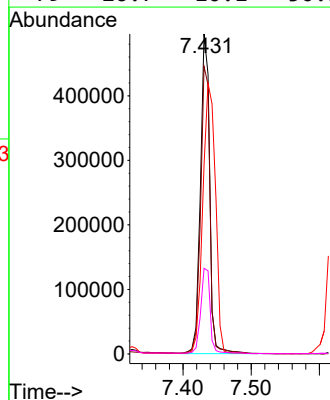


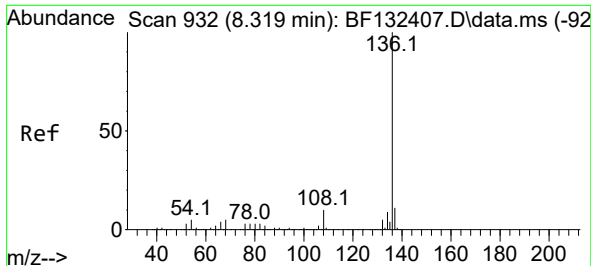
Tgt Ion: 70 Resp: 253441
Ion Ratio Lower Upper
70 100
42 40.4 36.0 54.0
101 11.6 9.4 14.2
130 27.8 21.7 32.5



#20
3+4-Methylphenols
Concen: 32.160 ng
RT: 7.431 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

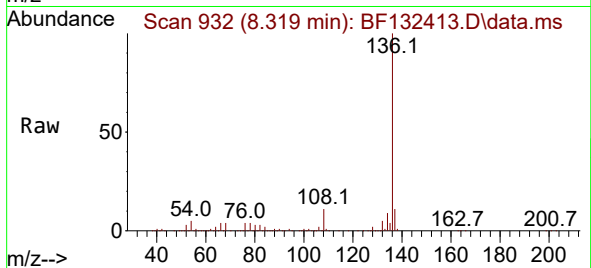
Tgt Ion: 107 Resp: 467831
Ion Ratio Lower Upper
107 100
108 89.9 72.0 112.0
77 59.0 27.4 67.4
79 26.7 10.1 50.1



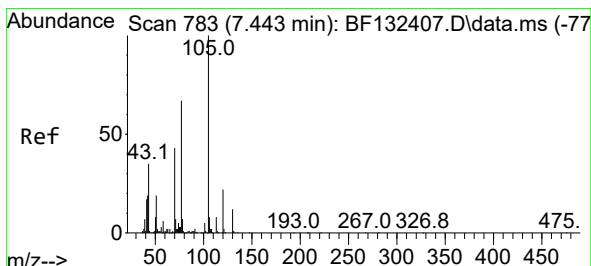
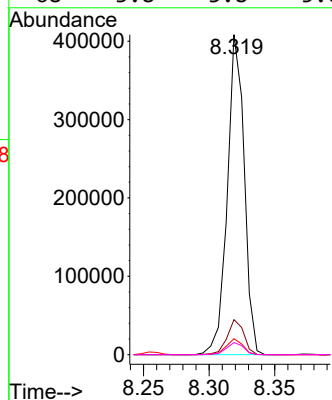
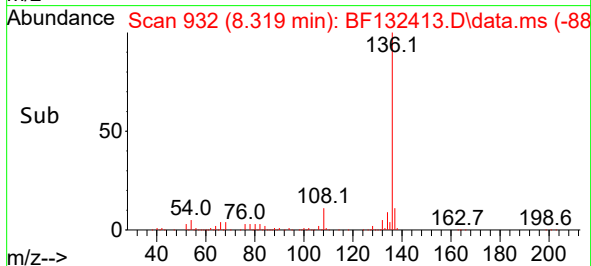


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

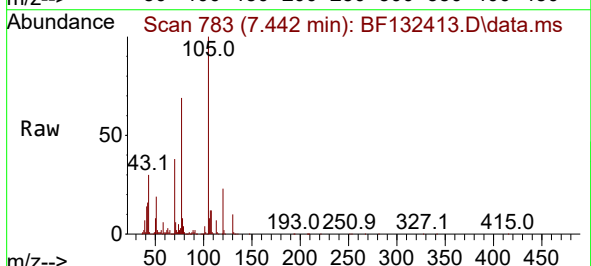
Instrument :
BNA_F
ClientSampleId :



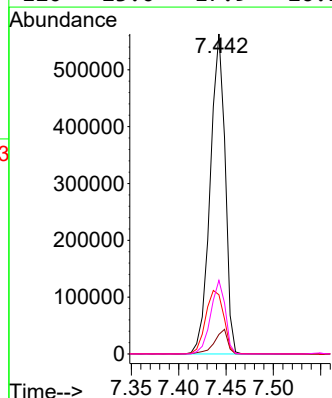
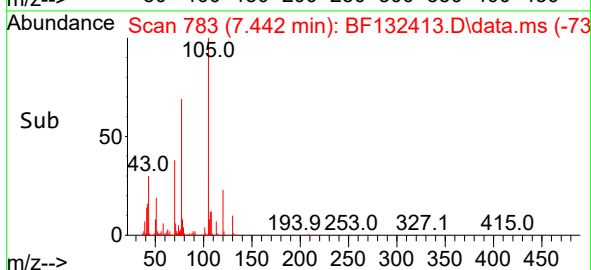
Tgt Ion:136 Resp: 365754
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 5.0 4.2 6.2
68 3.8 3.8 5.6

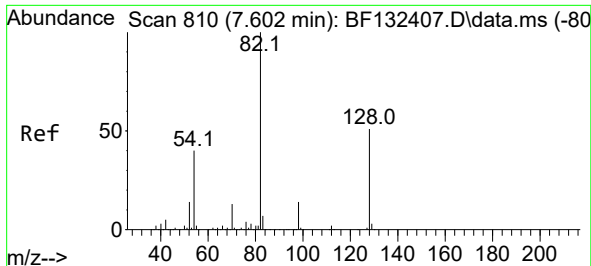


#22
Acetophenone
Concen: 72.019 ng
RT: 7.442 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



Tgt Ion:105 Resp: 614062
Ion Ratio Lower Upper
105 100
71 6.1 5.4 8.2
51 18.5 14.9 22.3
120 23.0 17.9 26.9





#23

Nitrobenzene-d5

Concen: 84.711 ng

RT: 7.601 min Scan# 810

Delta R.T. -0.000 min

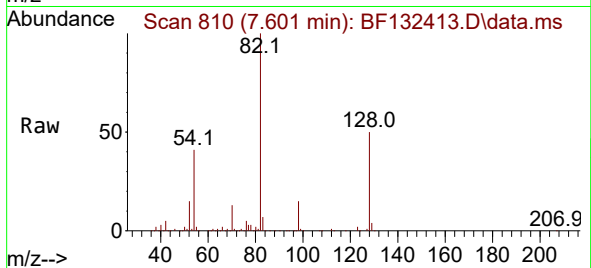
Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :



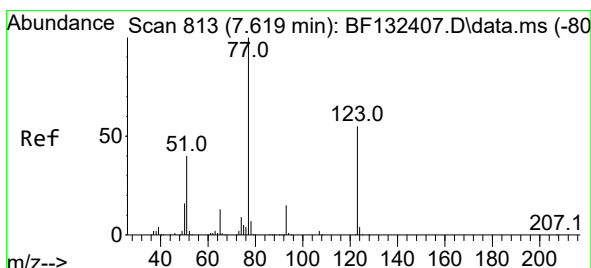
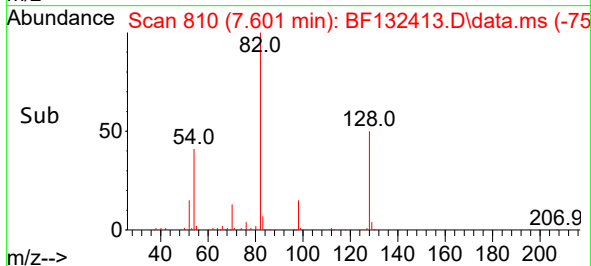
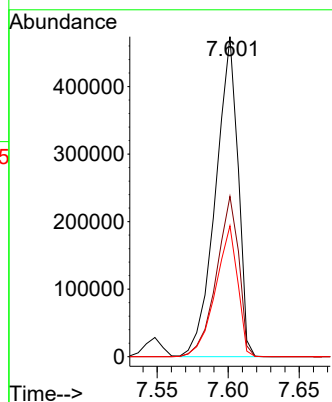
Tgt Ion: 82 Resp: 519372

Ion Ratio Lower Upper

82 100

128 50.1 40.7 61.1

54 40.9 32.3 48.5



#24

Nitrobenzene

Concen: 41.061 ng

RT: 7.619 min Scan# 813

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

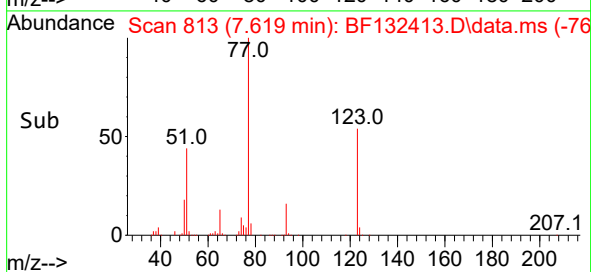
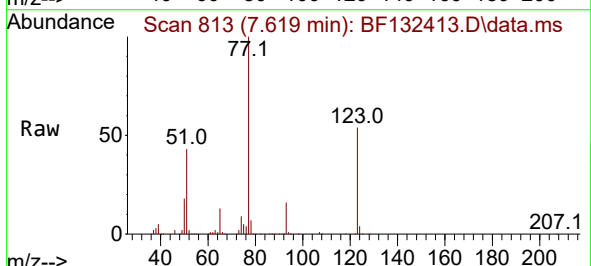
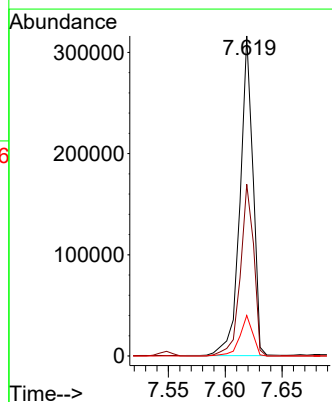
Tgt Ion: 77 Resp: 250544

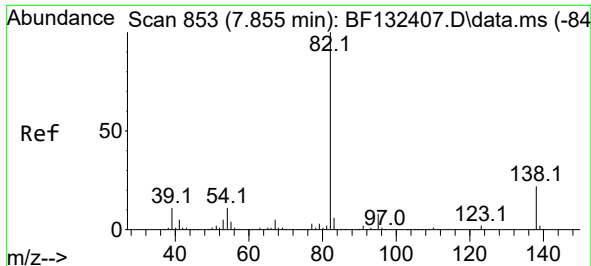
Ion Ratio Lower Upper

77 100

123 53.6 43.6 65.4

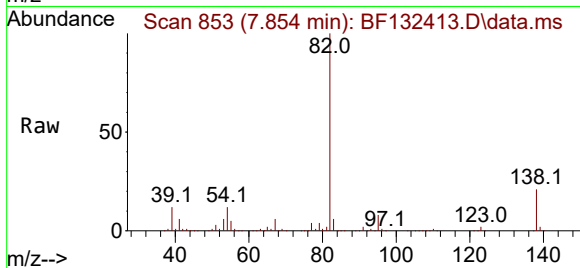
65 12.7 10.3 15.5



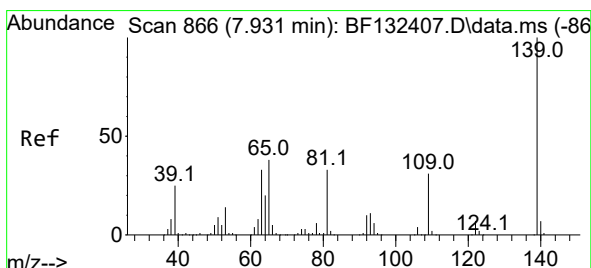
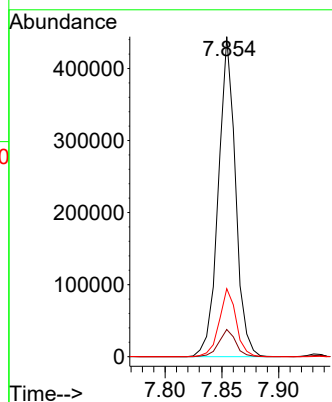
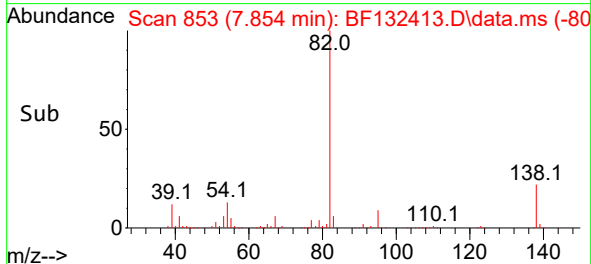


#25
Isophorone
Concen: 43.184 ng
RT: 7.854 min Scan# 853
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

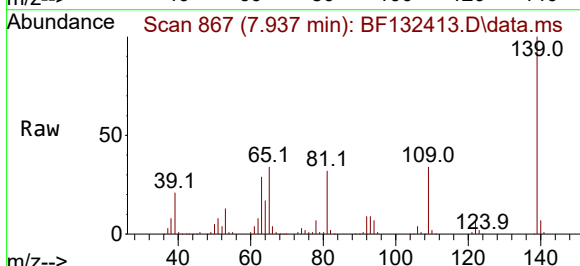
Instrument :
BNA_F
ClientSampleId :



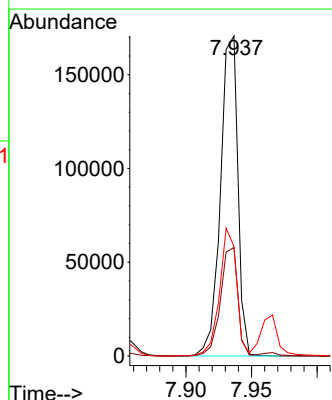
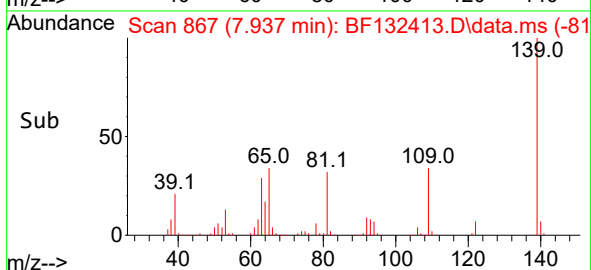
Tgt Ion: 82 Resp: 466450
Ion Ratio Lower Upper
82 100
95 8.5 6.6 9.8
138 21.2 17.2 25.8

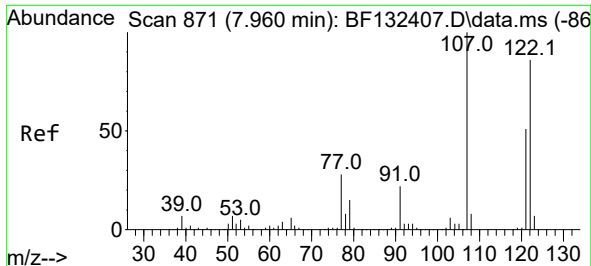


#26
2-Nitrophenol
Concen: 46.978 ng
RT: 7.937 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



Tgt Ion:139 Resp: 157302
Ion Ratio Lower Upper
139 100
109 33.9 25.2 37.8
65 34.2 30.6 45.8





#27

2,4-Dimethylphenol

Concen: 46.423 ng

RT: 7.966 min Scan# 871

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

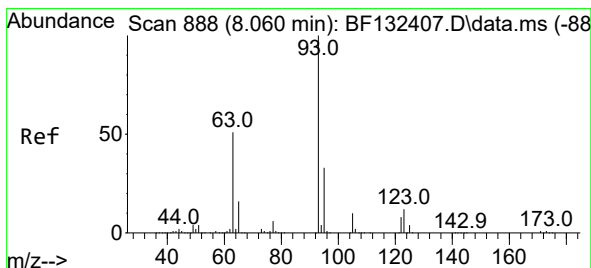
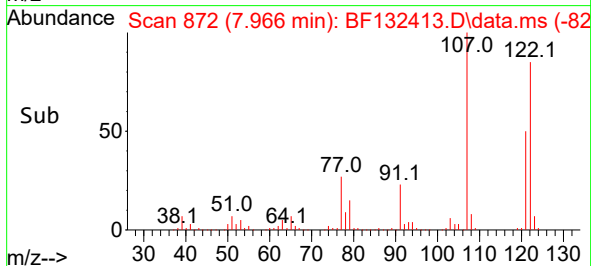
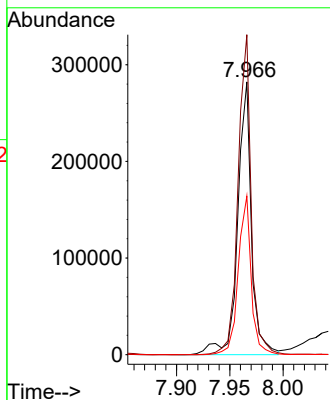
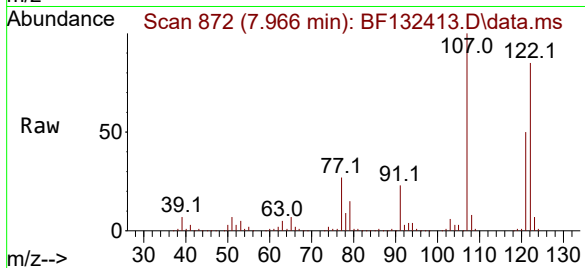
Tgt Ion:122 Resp: 253436

Ion Ratio Lower Upper

122 100

107 117.3 93.2 139.8

121 58.1 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.903 ng

RT: 8.060 min Scan# 888

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

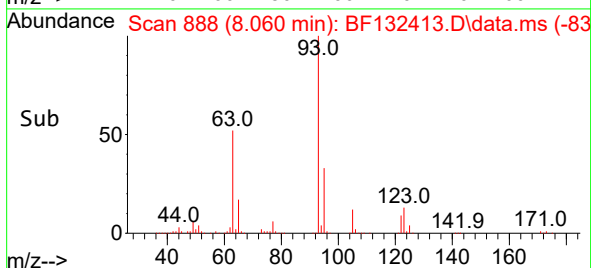
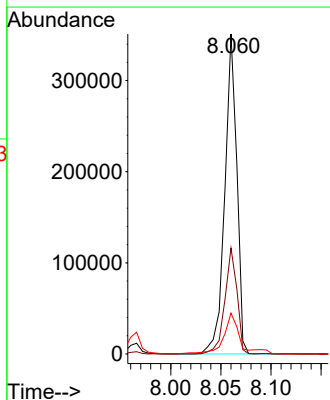
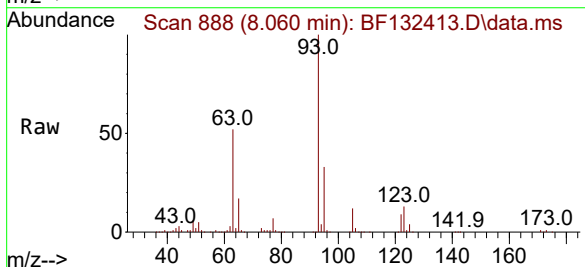
Tgt Ion: 93 Resp: 292541

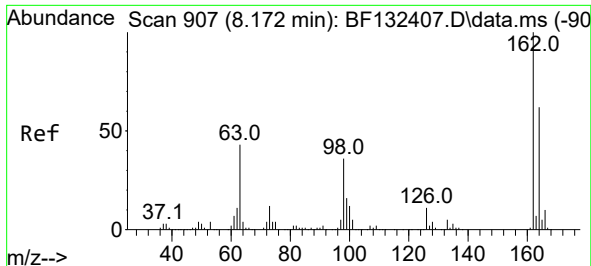
Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.2

123 12.8 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 44.482 ng

RT: 8.178 min Scan# 907

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

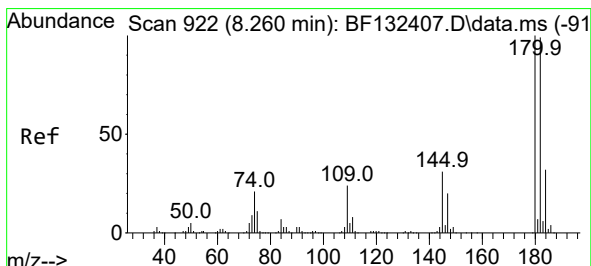
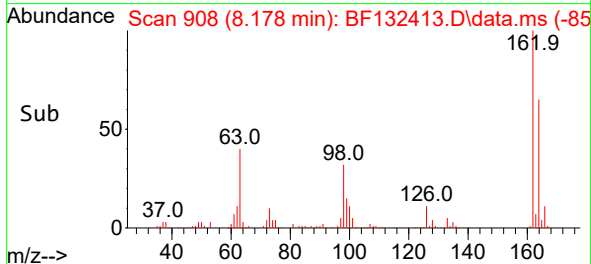
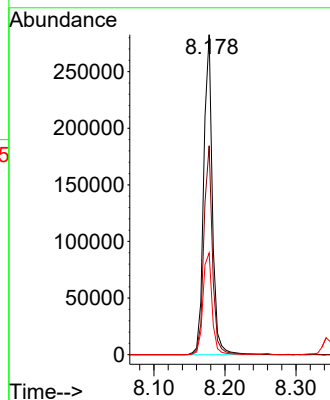
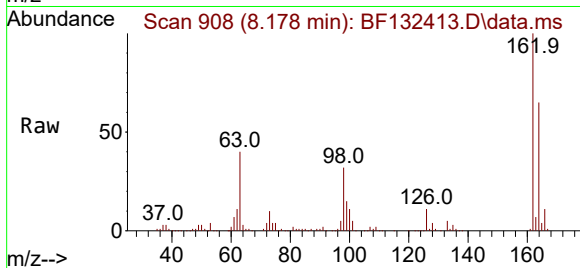
Tgt Ion:162 Resp: 240284

Ion Ratio Lower Upper

162 100

164 65.3 42.4 82.4

98 31.8 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 44.813 ng

RT: 8.260 min Scan# 922

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

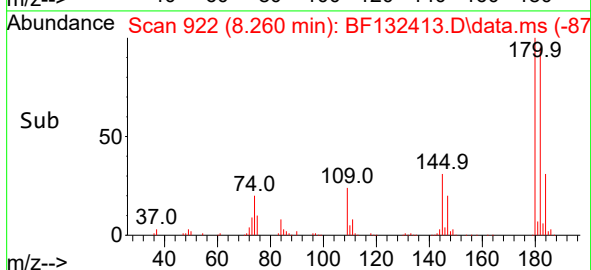
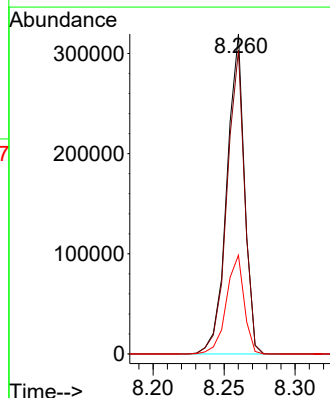
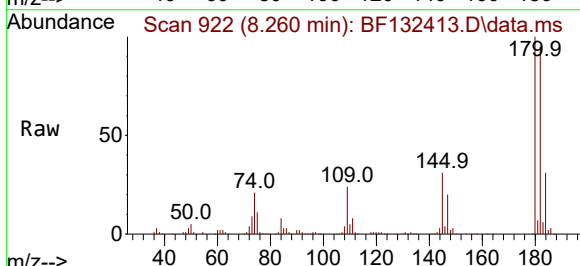
Tgt Ion:180 Resp: 274929

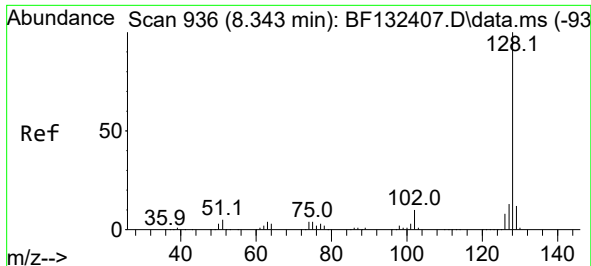
Ion Ratio Lower Upper

180 100

182 94.9 79.0 118.6

145 30.8 24.9 37.3





#31

Naphthalene

Concen: 41.436 ng

RT: 8.342 min Scan# 91

Delta R.T. -0.000 min

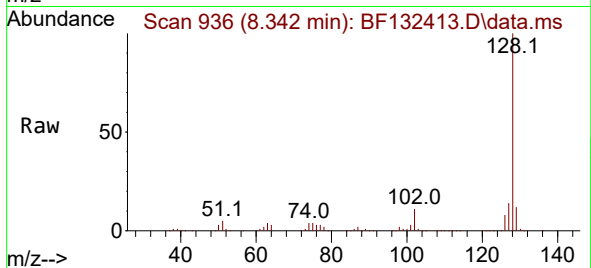
Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :



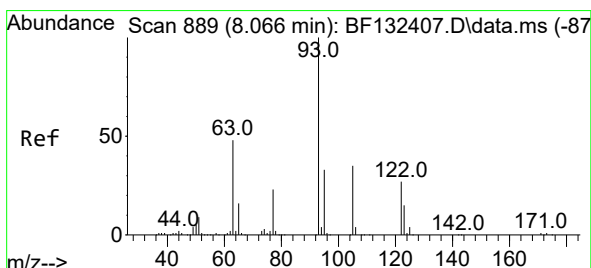
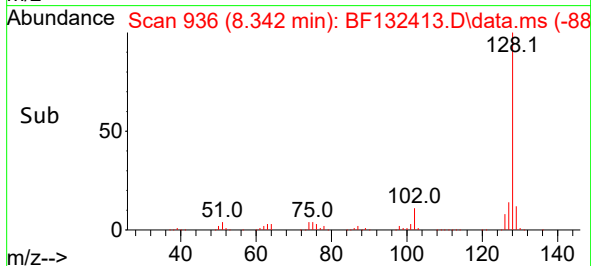
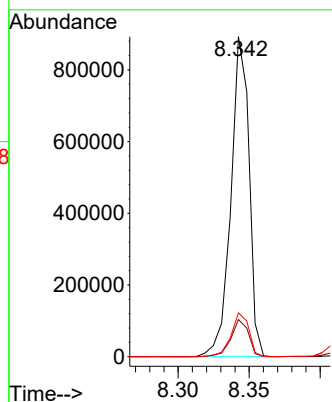
Tgt Ion:128 Resp: 794376

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

127 13.7 10.5 15.7



#32

Benzoic acid

Concen: 61.206 ng

RT: 8.089 min Scan# 893

Delta R.T. 0.023 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

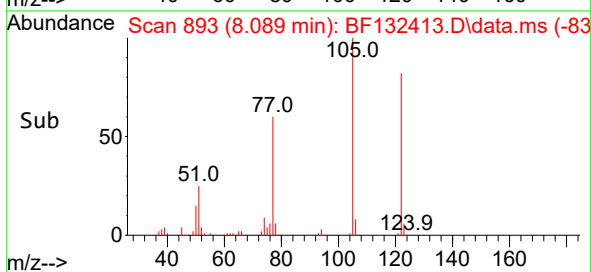
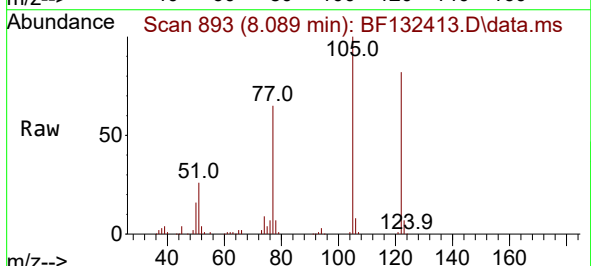
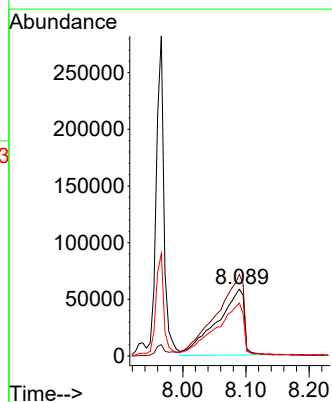
Tgt Ion:122 Resp: 175357

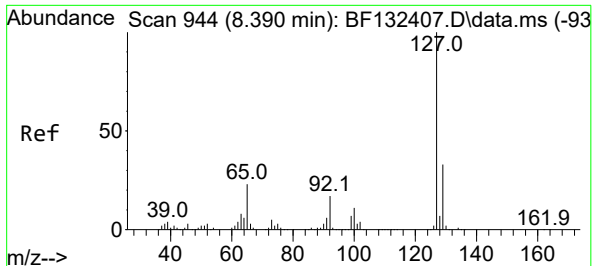
Ion Ratio Lower Upper

122 100

105 122.0 101.9 141.9

77 79.2 61.1 101.1





#33

4-Chloroaniline

Concen: 17.117 ng

RT: 8.419 min Scan# 944

Delta R.T. 0.029 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 120647

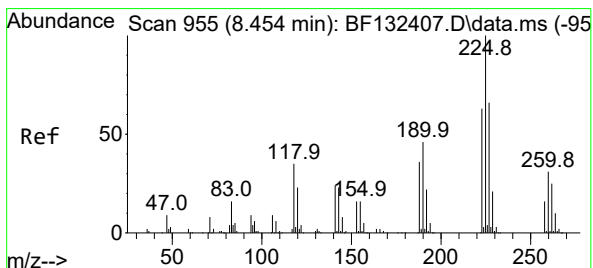
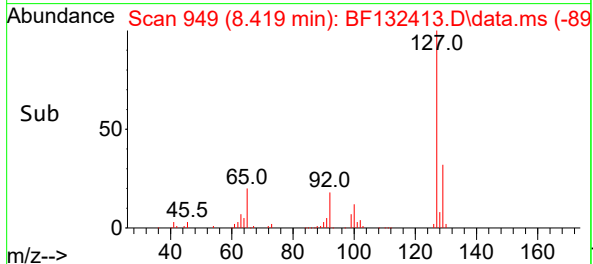
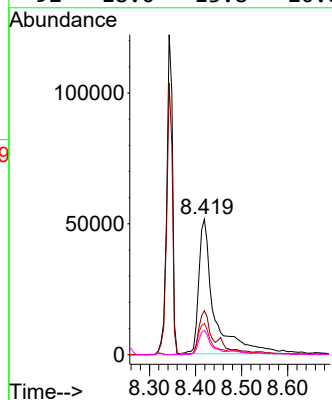
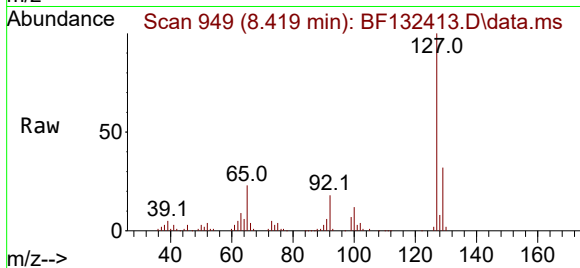
Ion Ratio Lower Upper

127 100

129 32.5 26.3 39.5

65 23.1 18.0 27.0

92 18.0 13.8 20.8



#34

Hexachlorobutadiene

Concen: 45.372 ng

RT: 8.454 min Scan# 955

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

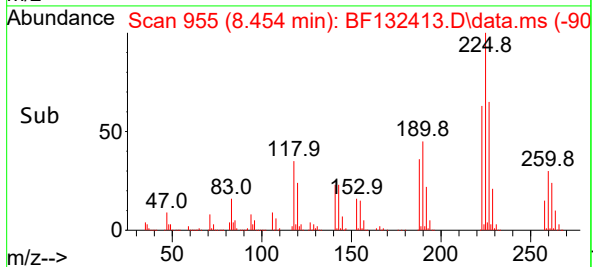
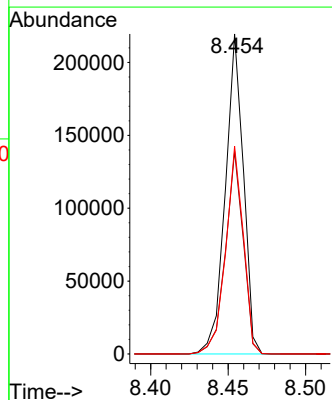
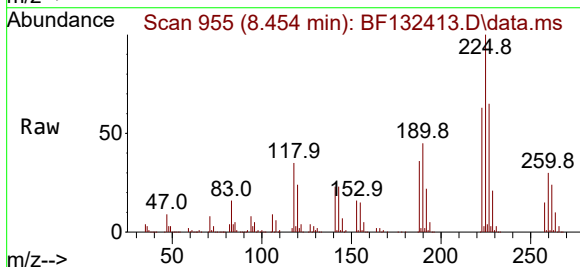
Tgt Ion:225 Resp: 177698

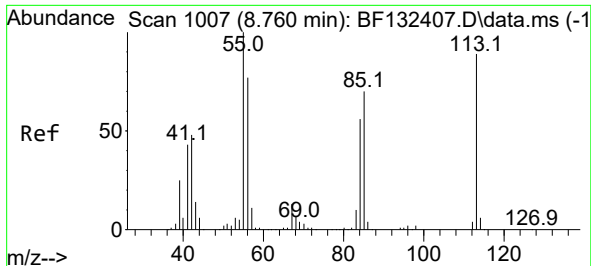
Ion Ratio Lower Upper

225 100

223 63.3 50.2 75.4

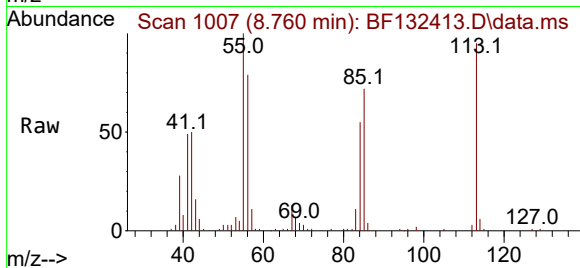
227 64.9 53.0 79.4



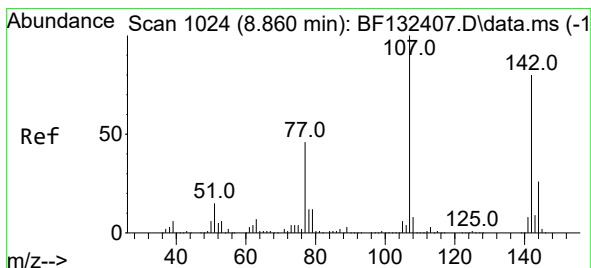
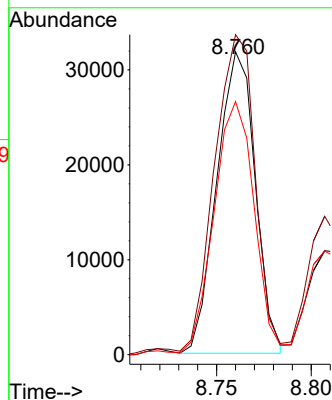
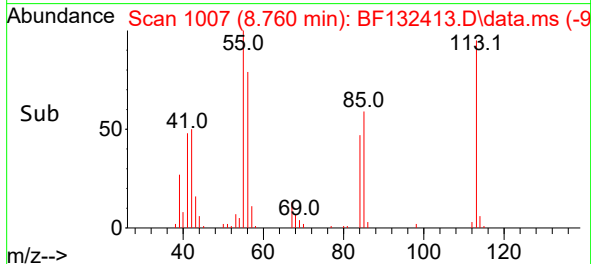


#35
Caprolactam
Concen: 27.652 ng
RT: 8.760 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :
BNA_F
ClientSampleId :

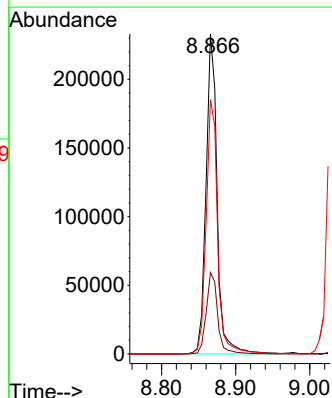
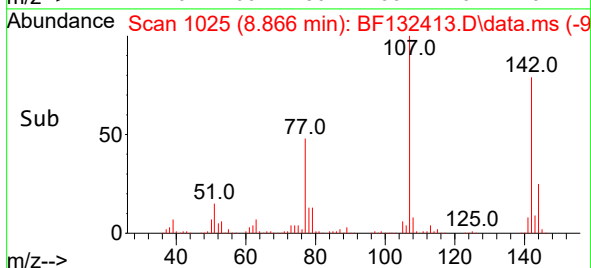
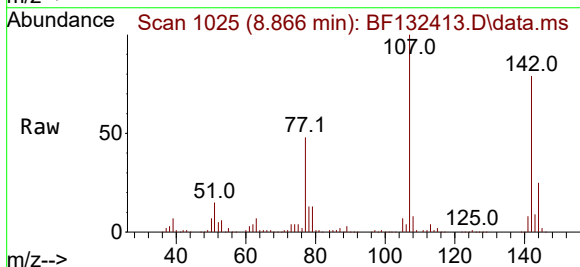


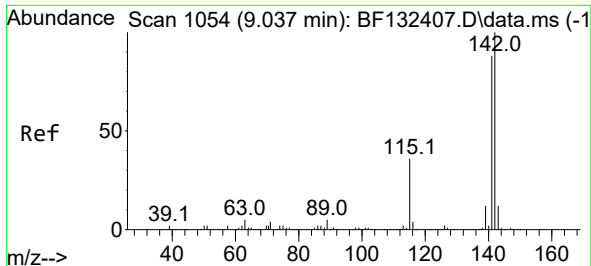
Tgt Ion:113 Resp: 44752
Ion Ratio Lower Upper
113 100
55 105.7 92.5 132.5
56 83.6 66.6 106.6



#36
4-Chloro-3-methylphenol
Concen: 41.752 ng
RT: 8.866 min Scan# 1025
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:107 Resp: 243048
Ion Ratio Lower Upper
107 100
144 25.4 20.8 31.2
142 79.4 63.9 95.9





#37

2-Methylnaphthalene

Concen: 35.749 ng

RT: 9.036 min Scan# 1054

Delta R.T. -0.001 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

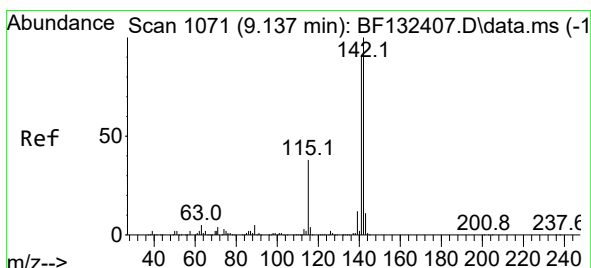
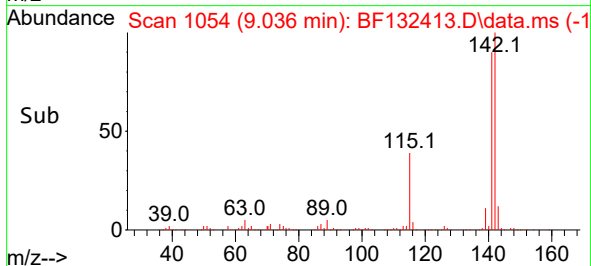
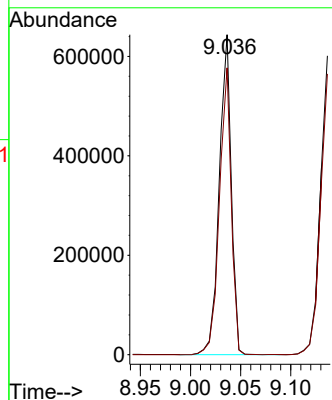
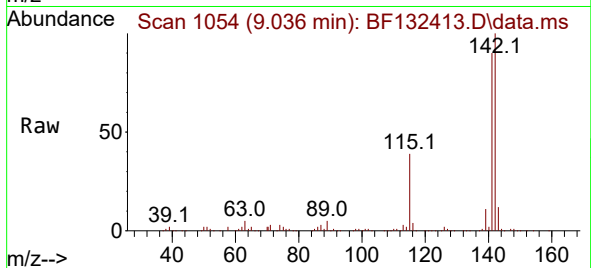
ClientSampleId :

Tgt Ion:142 Resp: 534823

Ion Ratio Lower Upper

142 100

141 89.7 70.6 106.0



#38

1-Methylnaphthalene

Concen: 34.992 ng

RT: 9.136 min Scan# 1071

Delta R.T. -0.001 min

Lab File: BF132413.D

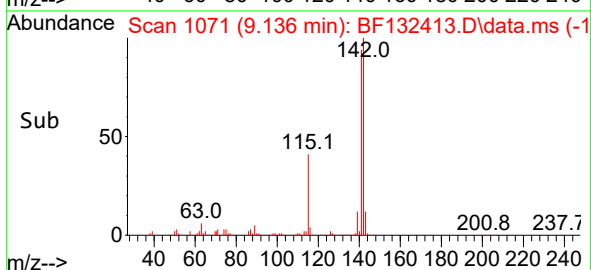
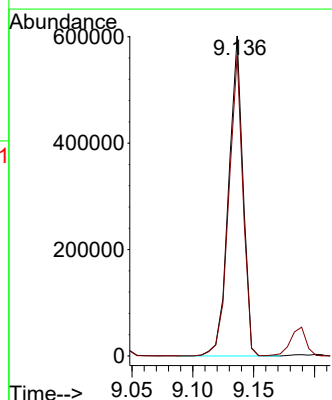
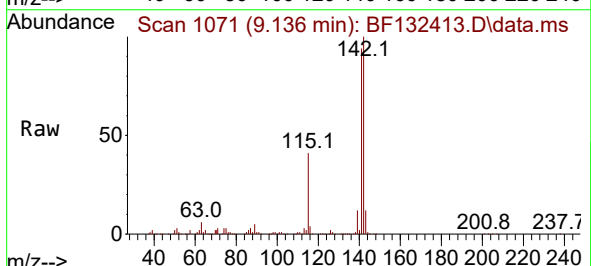
Acq: 13 Feb 2023 16:54

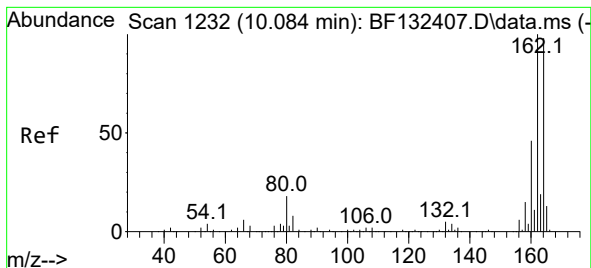
Tgt Ion:142 Resp: 494094

Ion Ratio Lower Upper

142 100

141 93.9 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.083 min Scan# 1

Delta R.T. -0.001 min

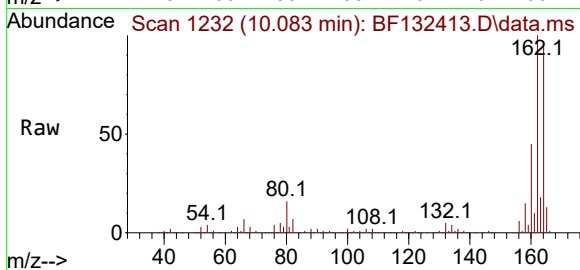
Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :



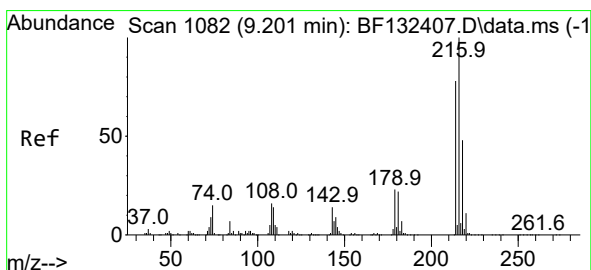
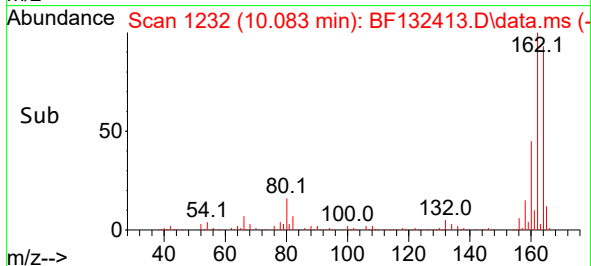
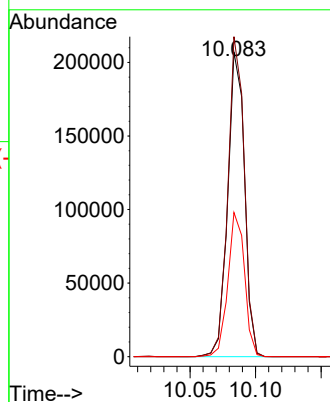
Tgt Ion:164 Resp: 183947

Ion Ratio Lower Upper

164 100

162 105.1 81.8 122.6

160 47.3 37.4 56.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.994 ng

RT: 9.201 min Scan# 1082

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Tgt Ion:216 Resp: 266915

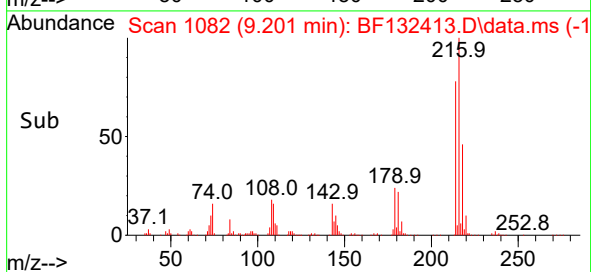
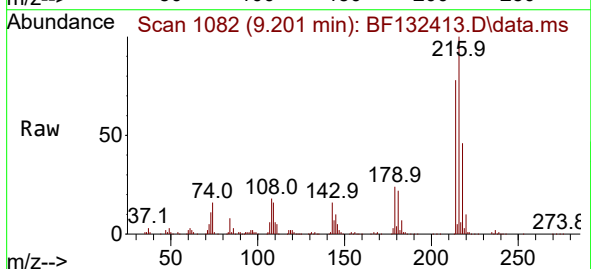
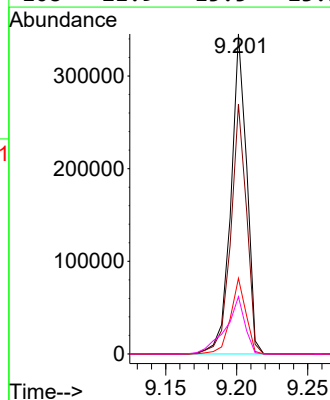
Ion Ratio Lower Upper

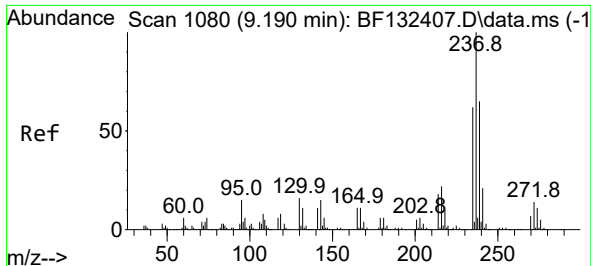
216 100

214 77.9 63.0 94.4

179 23.1 18.1 27.1

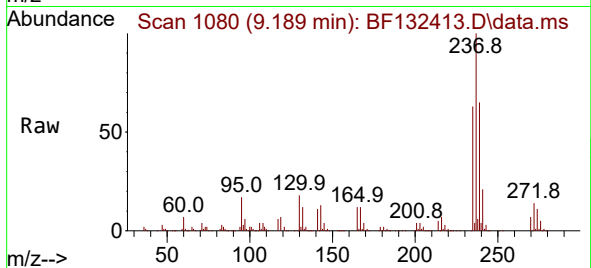
108 21.9 15.5 23.3



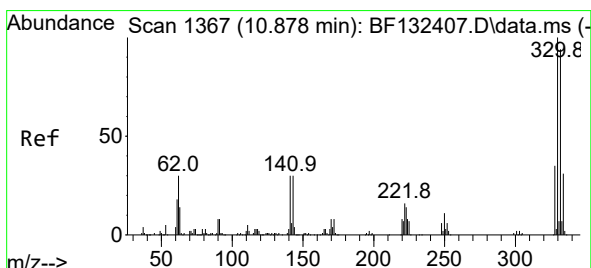
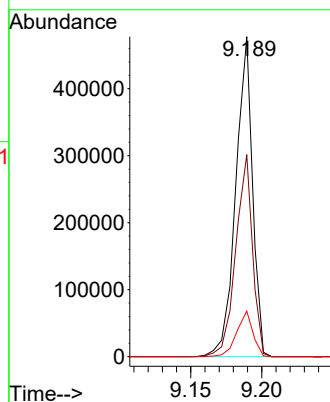
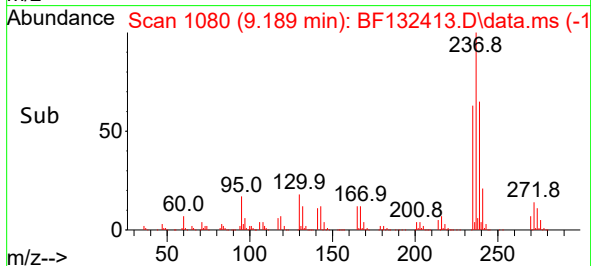


#41
Hexachlorocyclopentadiene
Concen: 111.185 ng
RT: 9.189 min Scan# 1080
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

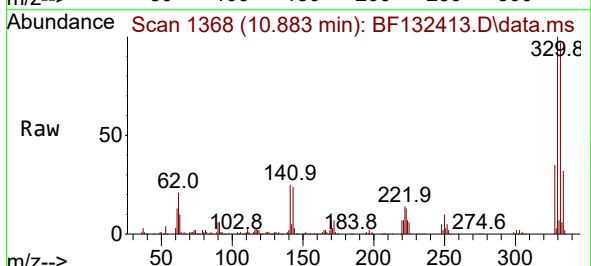
Instrument :
BNA_F
ClientSampleId :



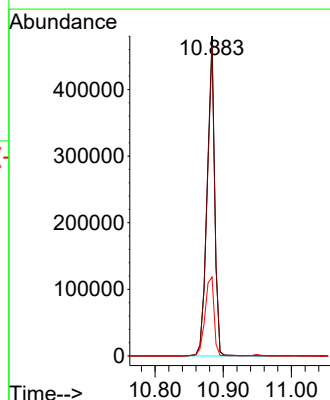
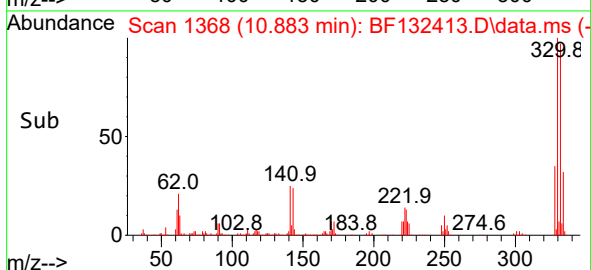
Tgt Ion:237 Resp: 392840
Ion Ratio Lower Upper
237 100
235 63.1 42.4 82.4
272 14.2 0.0 33.8

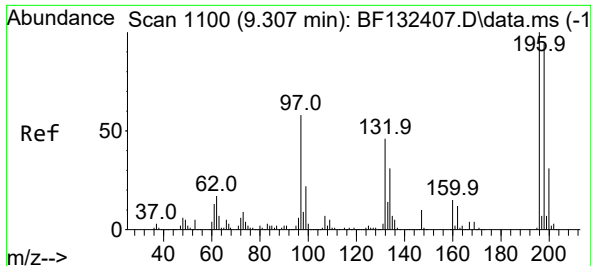


#42
2,4,6-Tribromophenol
Concen: 150.717 ng
RT: 10.883 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



Tgt Ion:330 Resp: 368934
Ion Ratio Lower Upper
330 100
332 97.7 76.7 115.1
141 29.6 25.4 38.2





#43

2,4,6-Trichlorophenol

Concen: 45.491 ng

RT: 9.313 min Scan# 1101

Delta R.T. 0.006 min

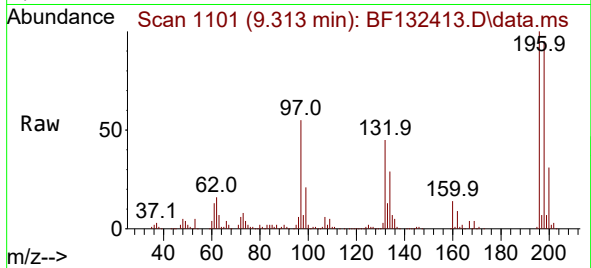
Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :



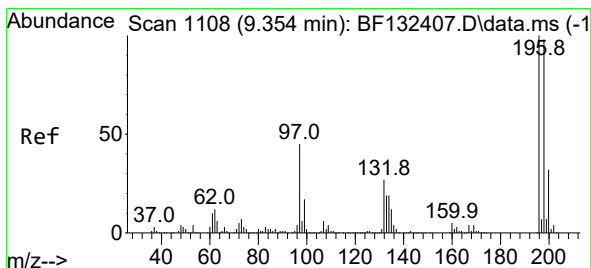
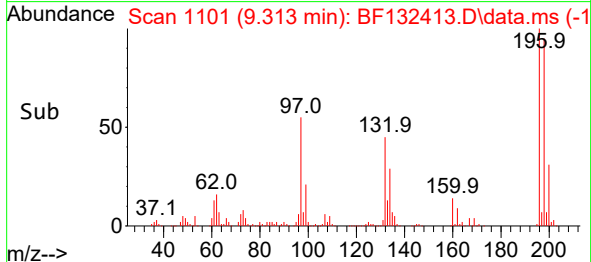
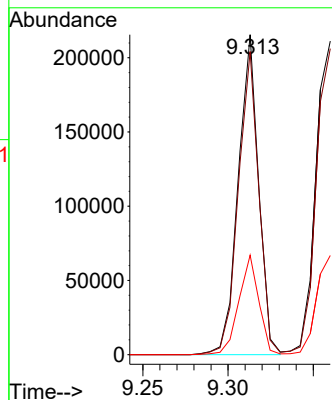
Tgt Ion:196 Resp: 179276

Ion Ratio Lower Upper

196 100

198 94.7 75.1 112.7

200 31.1 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 41.833 ng

RT: 9.360 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Tgt Ion:196 Resp: 188828

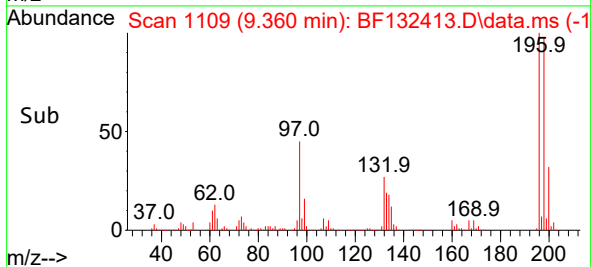
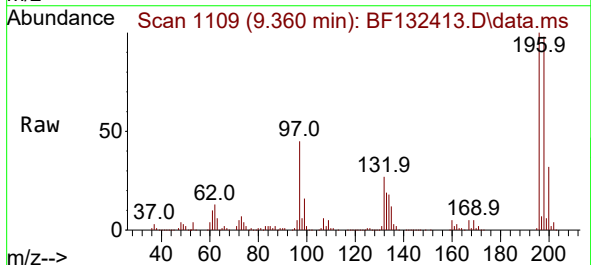
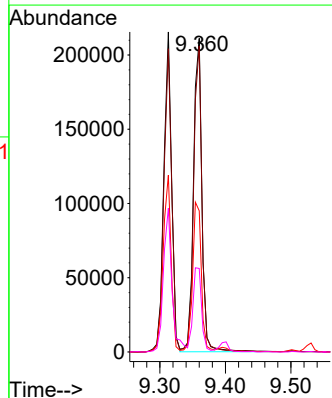
Ion Ratio Lower Upper

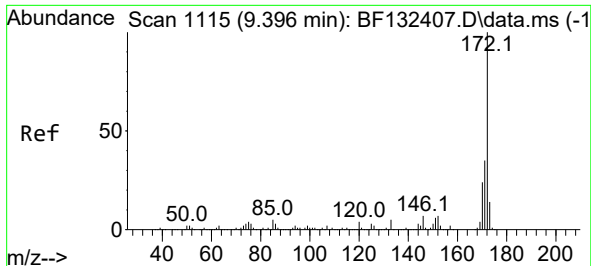
196 100

198 97.6 78.0 117.0

97 45.0 35.6 53.4

132 26.6 21.7 32.5

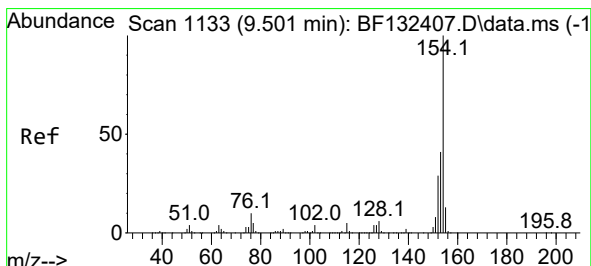
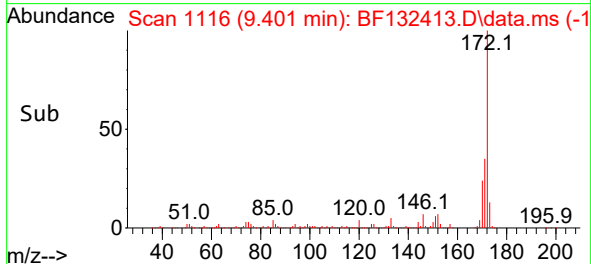
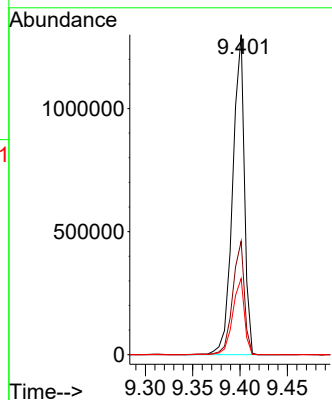
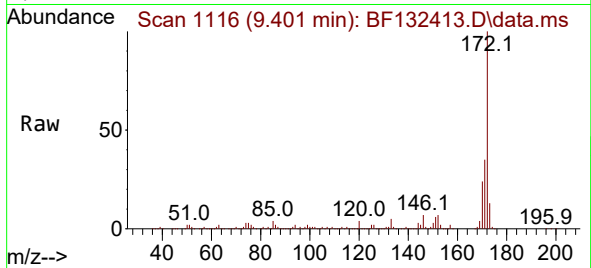




#45
2-Fluorobiphenyl
Concen: 88.255 ng
RT: 9.401 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

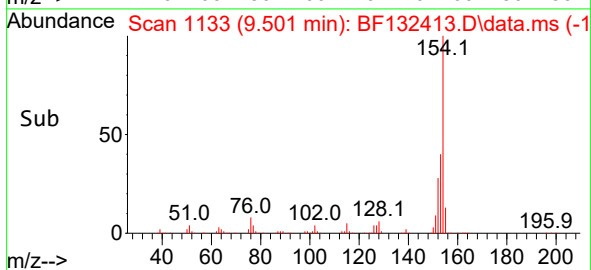
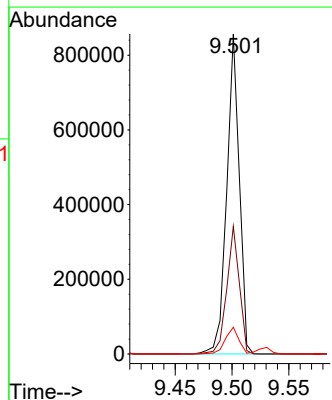
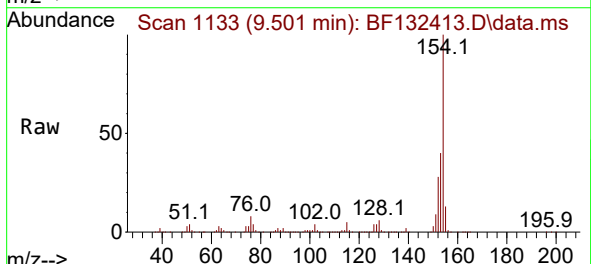
Instrument :
BNA_F
ClientSampleId :

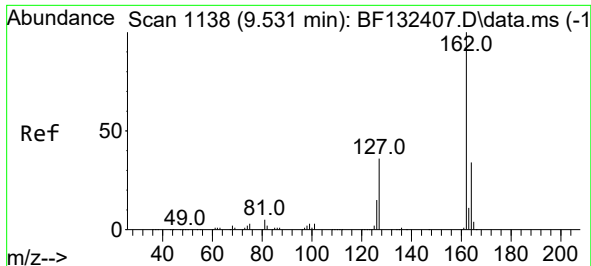
Tgt Ion:172 Resp: 1121385
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.8 19.3 28.9



#46
1,1'-Biphenyl
Concen: 44.004 ng
RT: 9.501 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

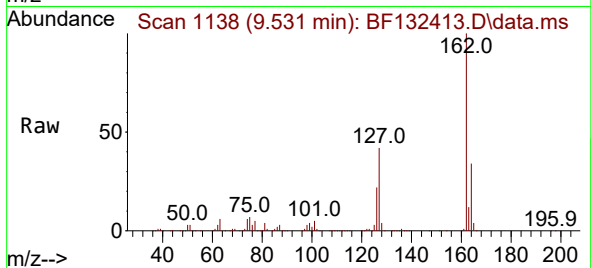
Tgt Ion:154 Resp: 660199
Ion Ratio Lower Upper
154 100
153 39.9 20.6 60.6
76 8.4 0.0 29.8



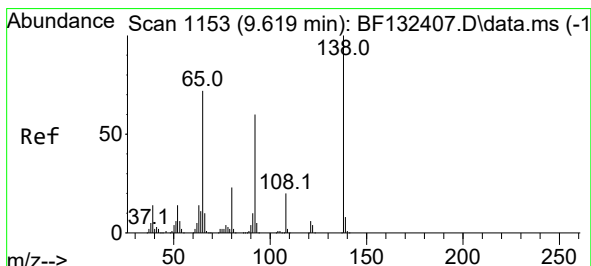
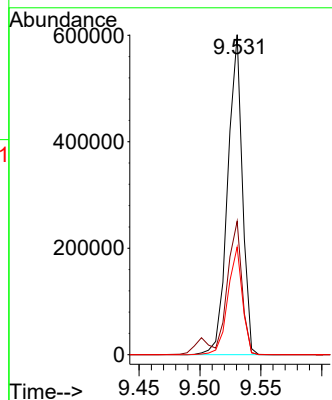
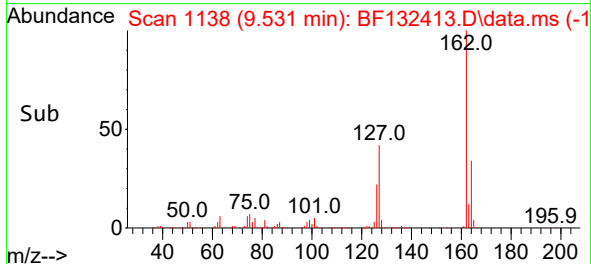


#47
2-Chloronaphthalene
Concen: 43.807 ng
RT: 9.531 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

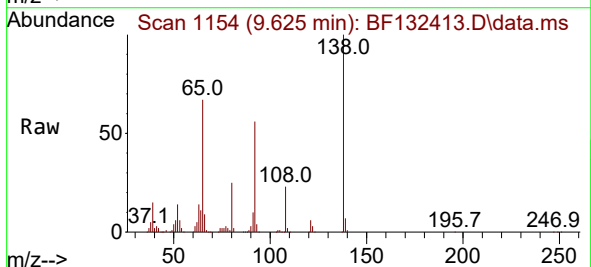
Instrument :
BNA_F
ClientSampleId :



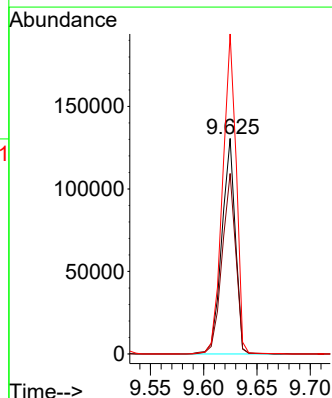
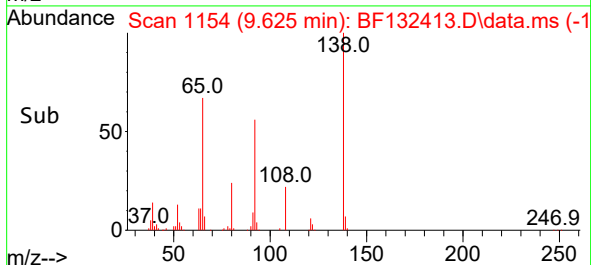
Tgt Ion:162 Resp: 502815
Ion Ratio Lower Upper
162 100
127 41.7 31.6 47.4
164 33.6 26.8 40.2

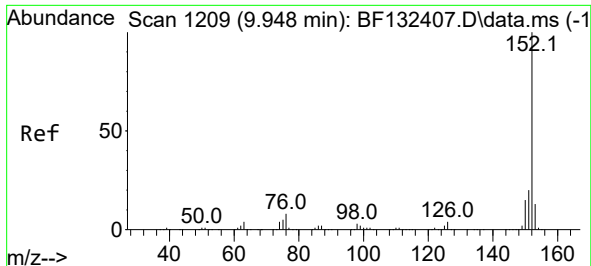


#48
2-Nitroaniline
Concen: 43.056 ng
RT: 9.625 min Scan# 1154
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



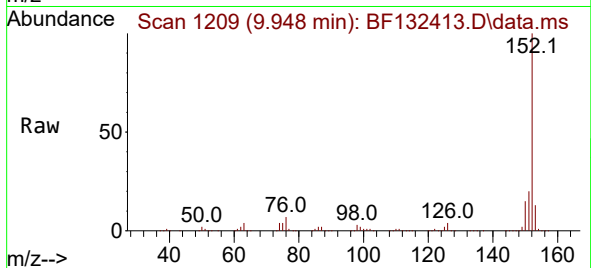
Tgt Ion: 65 Resp: 115324
Ion Ratio Lower Upper
65 100
92 83.8 67.2 100.8
138 148.5 111.2 166.8



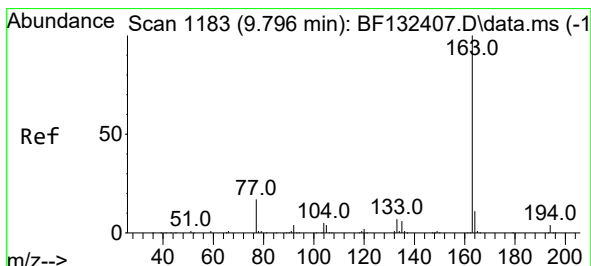
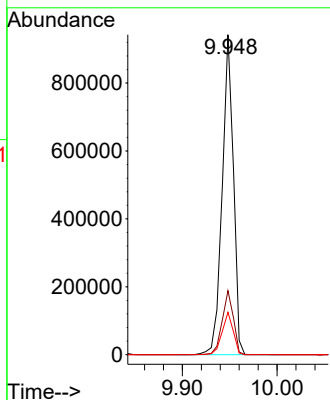
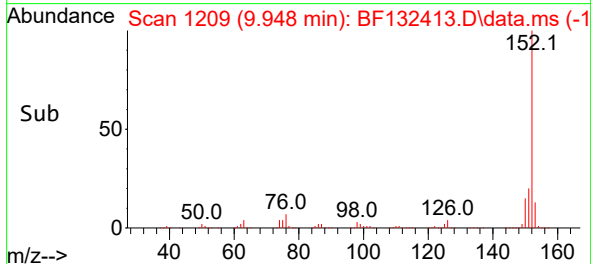


#49
Acenaphthylene
Concen: 42.591 ng
RT: 9.948 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

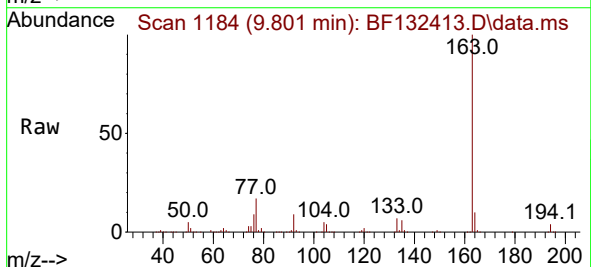
Instrument :
BNA_F
ClientSampleId :



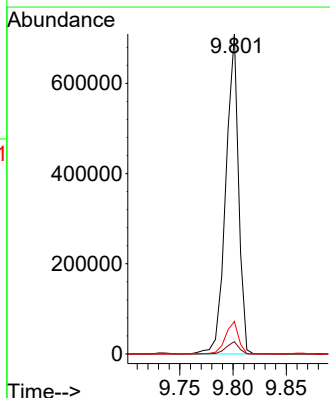
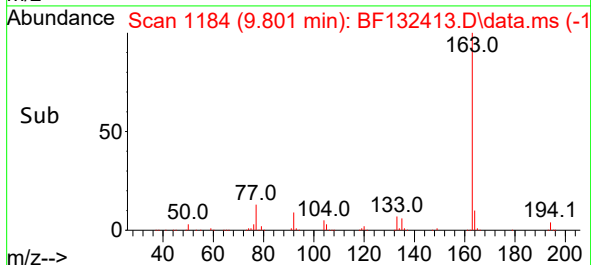
Tgt Ion:152 Resp: 777186
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.2 10.8 16.2

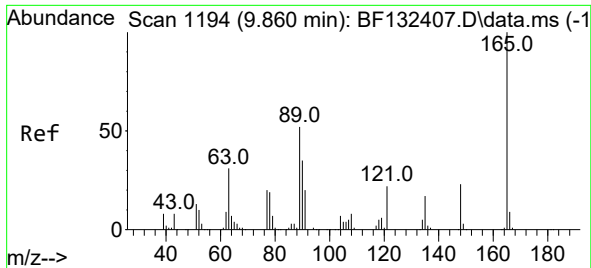


#50
Dimethylphthalate
Concen: 42.513 ng
RT: 9.801 min Scan# 1184
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



Tgt Ion:163 Resp: 589006
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.5 12.7

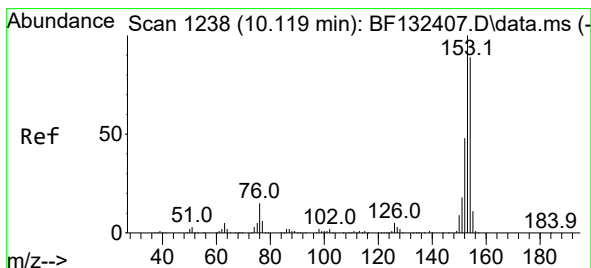
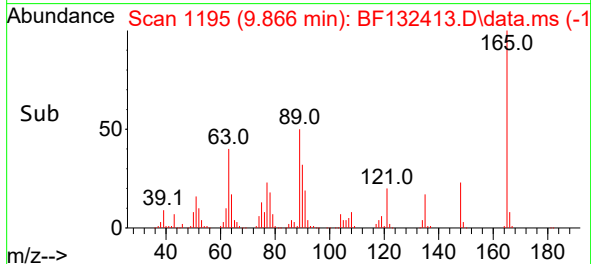
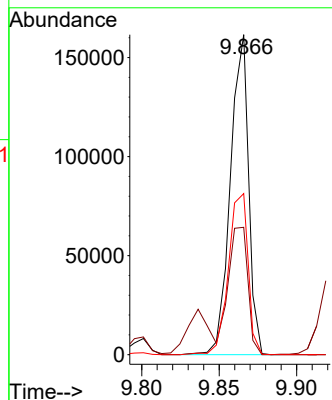
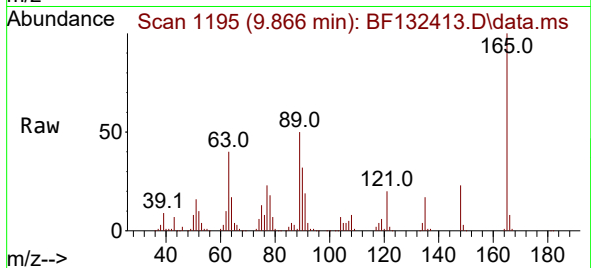




#51
2,6-Dinitrotoluene
Concen: 43.448 ng
RT: 9.866 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

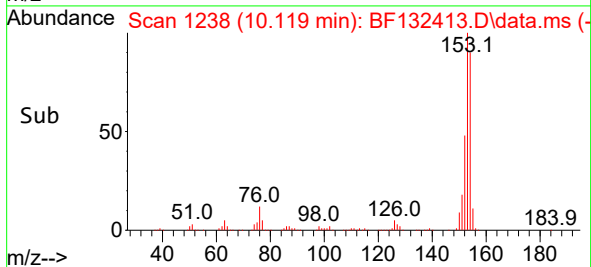
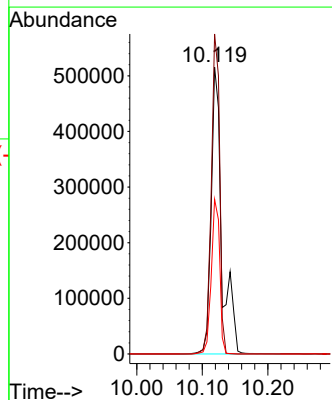
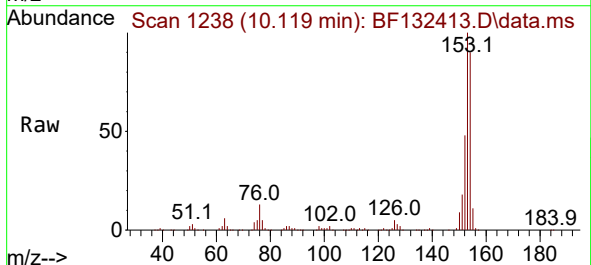
Instrument :
BNA_F
ClientSampleId :

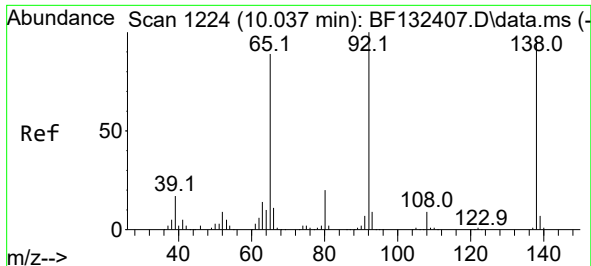
Tgt Ion:165 Resp: 132059
Ion Ratio Lower Upper
165 100
63 39.8 34.0 51.0
89 50.3 41.8 62.6



#52
Acenaphthene
Concen: 49.465 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

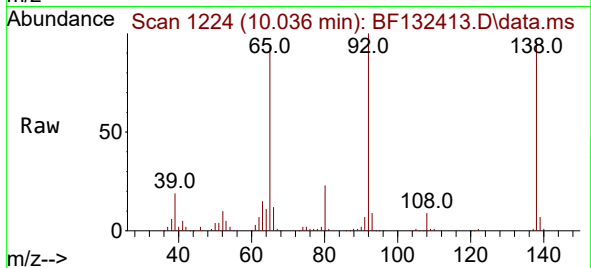
Tgt Ion:154 Resp: 581623
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.6
152 53.9 42.7 64.1



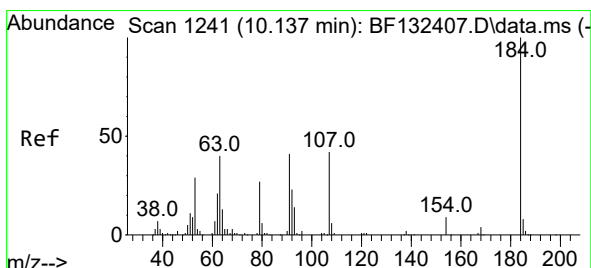
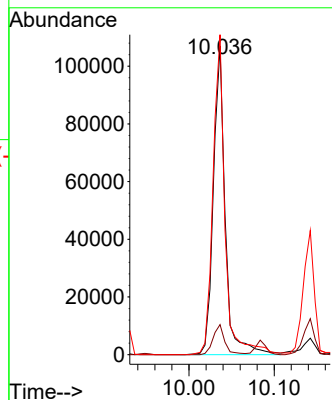
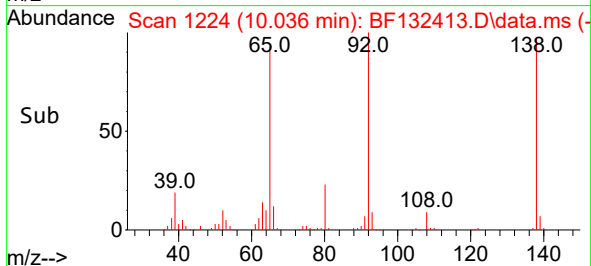


#53
3-Nitroaniline
Concen: 30.568 ng
RT: 10.036 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :
BNA_F
ClientSampleId :

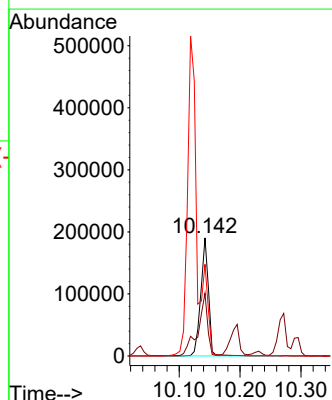
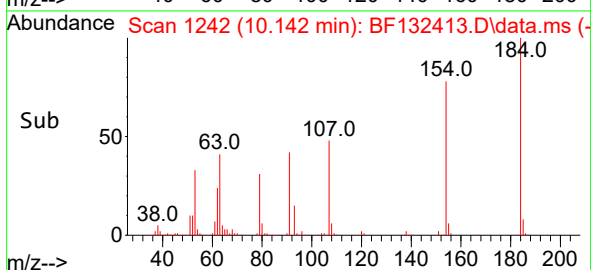
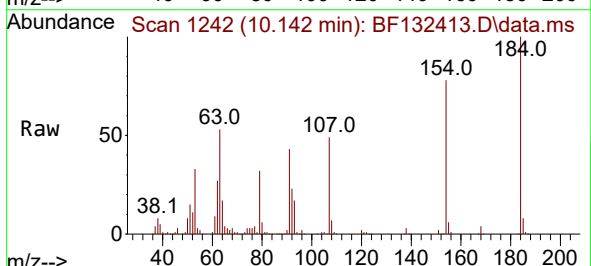


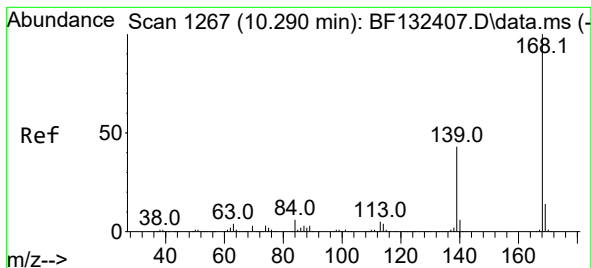
Tgt Ion:138 Resp: 103345
Ion Ratio Lower Upper
138 100
108 9.7 7.4 11.2
92 103.7 83.7 125.5



#54
2,4-Dinitrophenol
Concen: 100.664 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.005 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:184 Resp: 170121
Ion Ratio Lower Upper
184 100
63 53.0 36.2 54.2
154 77.6 51.4 77.0#





#55

Dibenzenofuran

Concen: 42.352 ng

RT: 10.295 min Scan# 1267

Delta R.T. 0.005 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

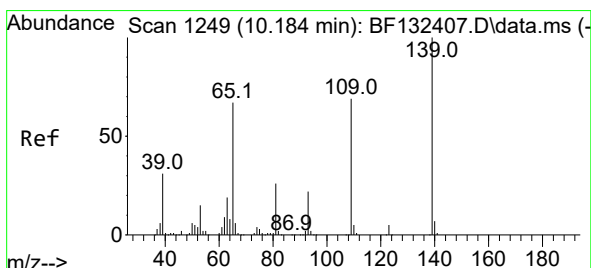
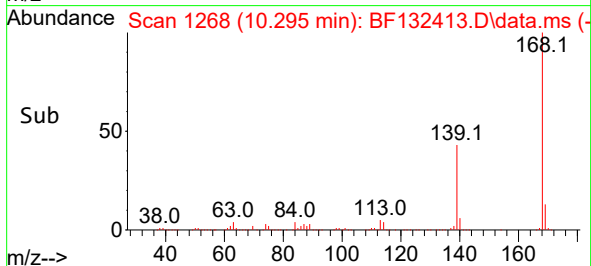
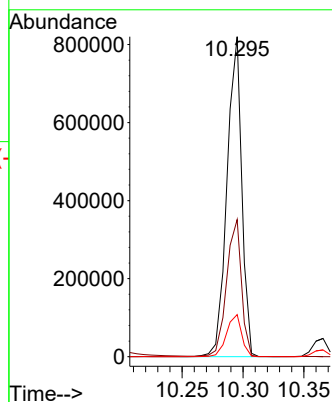
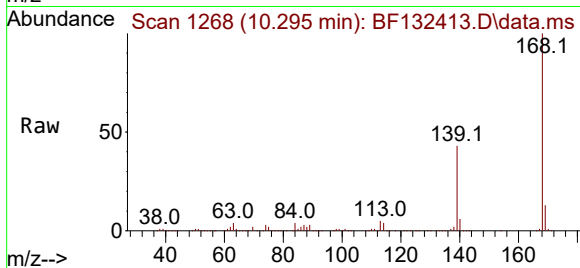
Tgt Ion:168 Resp: 693646

Ion Ratio Lower Upper

168 100

139 42.9 34.6 52.0

169 13.2 11.2 16.8



#56

4-Nitrophenol

Concen: 88.910 ng

RT: 10.195 min Scan# 1251

Delta R.T. 0.011 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

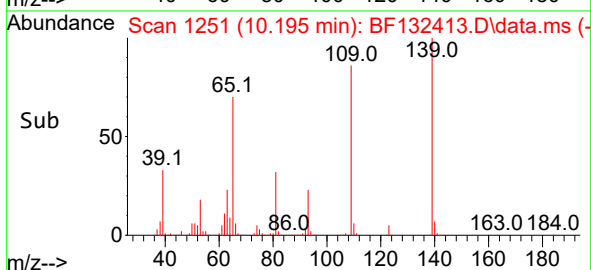
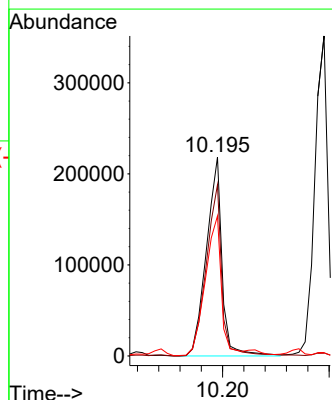
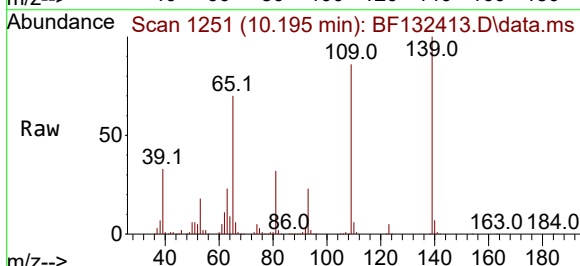
Tgt Ion:139 Resp: 224054

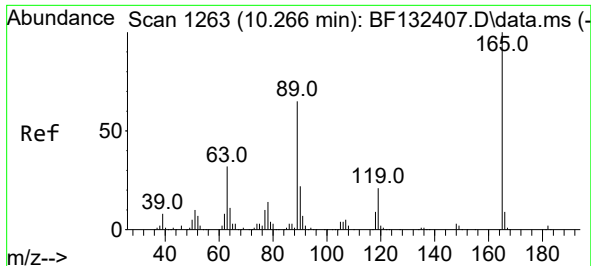
Ion Ratio Lower Upper

139 100

109 86.1 49.4 89.4

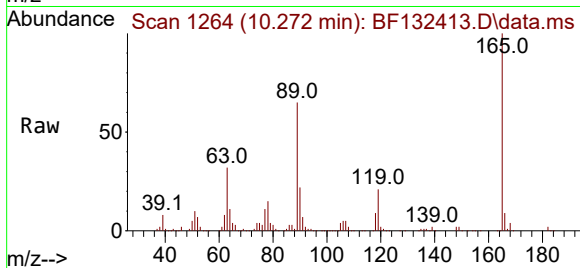
65 70.4 47.6 87.6



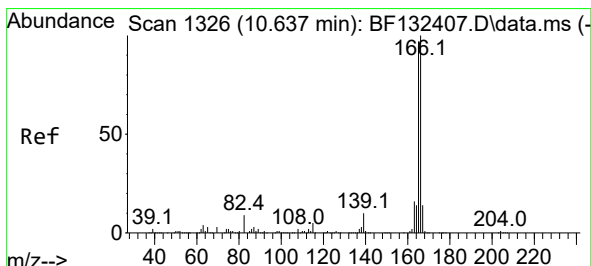
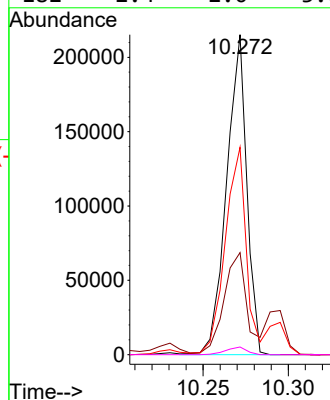
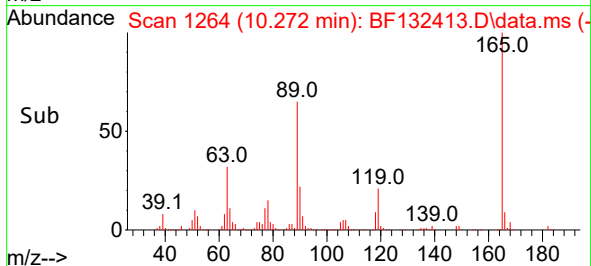


#57
2,4-Dinitrotoluene
Concen: 44.476 ng
RT: 10.272 min Scan# 1264
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Instrument :
BNA_F
ClientSampleId :

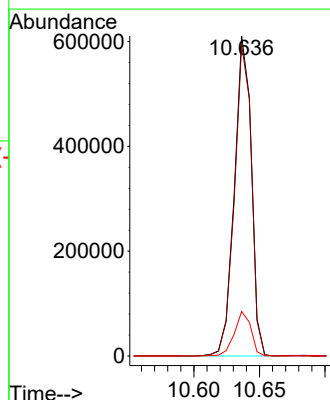
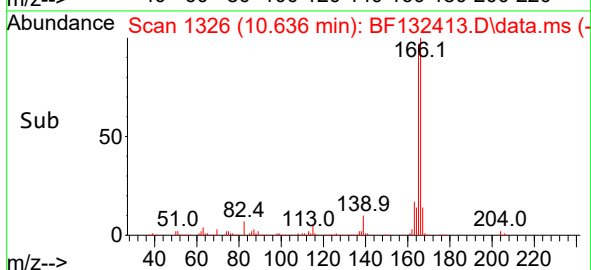
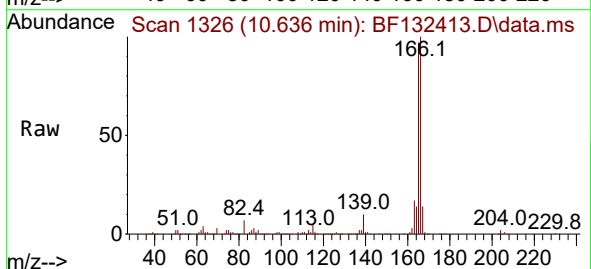


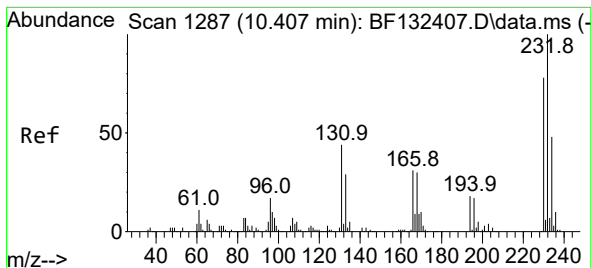
Tgt Ion:165 Resp: 177597
Ion Ratio Lower Upper
165 100
63 31.9 25.4 38.2
89 64.8 52.2 78.2
182 2.4 2.0 3.0



#58
Fluorene
Concen: 43.224 ng
RT: 10.636 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

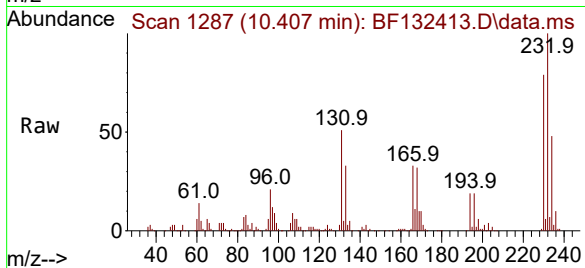
Tgt Ion:166 Resp: 550409
Ion Ratio Lower Upper
166 100
165 97.4 77.5 116.3
167 13.9 10.9 16.3



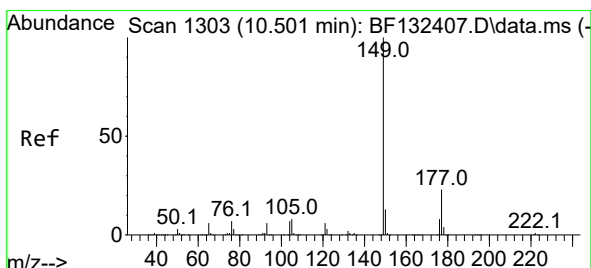
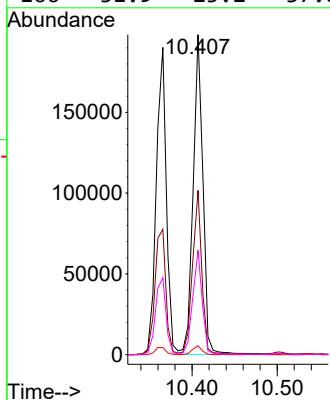
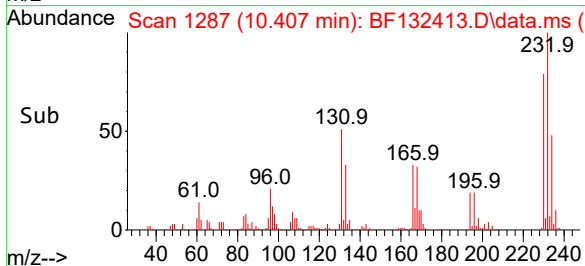


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.416 ng
RT: 10.407 min Scan# 1287
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

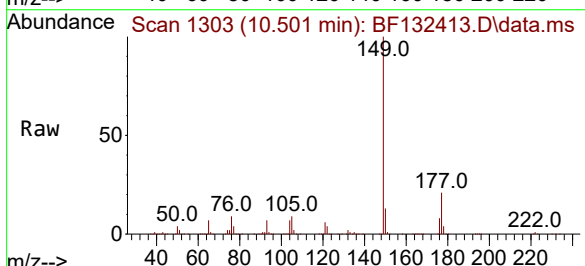
Instrument :
BNA_F
ClientSampleId :



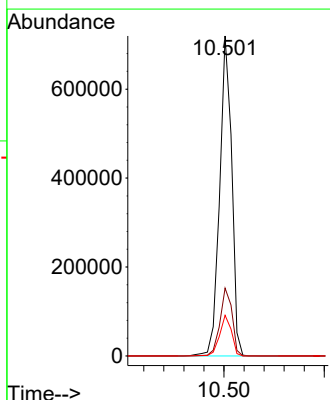
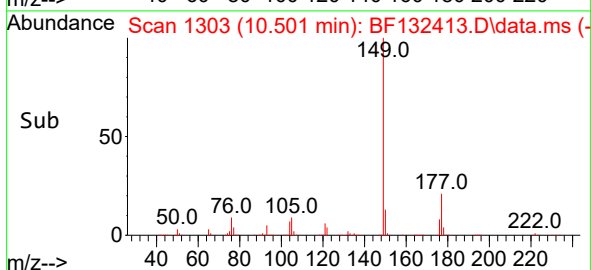
Tgt Ion:232 Resp: 157346
Ion Ratio Lower Upper
232 100
131 48.6 37.9 56.9
130 2.7 1.9 2.9
166 31.9 25.2 37.8

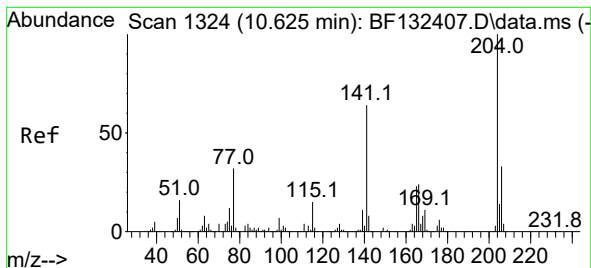


#60
Diethylphthalate
Concen: 43.056 ng
RT: 10.501 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54



Tgt Ion:149 Resp: 597182
Ion Ratio Lower Upper
149 100
177 21.2 18.1 27.1
150 12.7 10.1 15.1

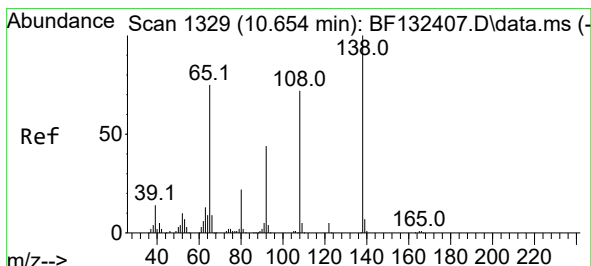
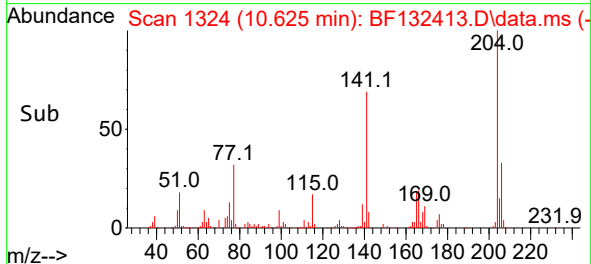
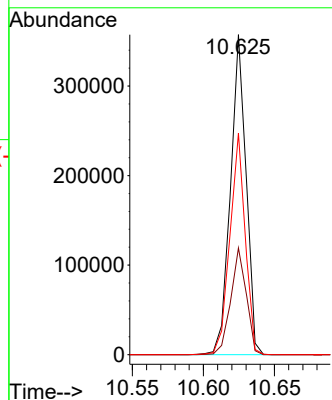
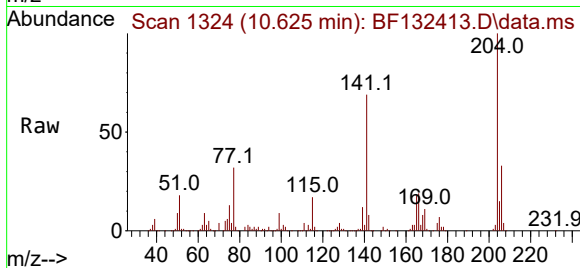




#61
4-Chlorophenyl-phenylether
Concen: 42.554 ng
RT: 10.625 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

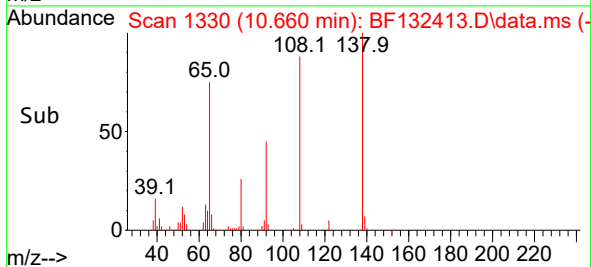
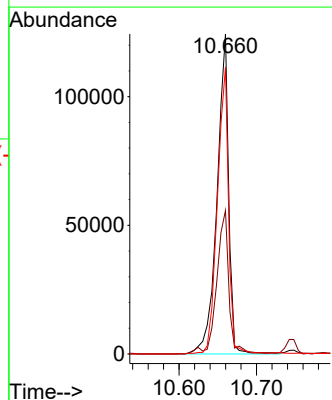
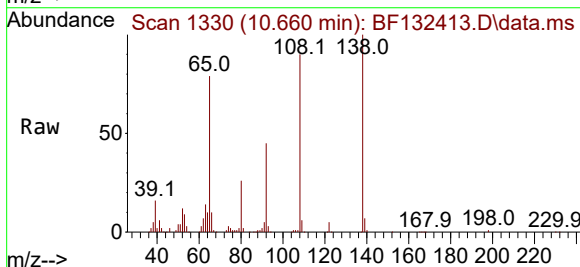
Instrument :
BNA_F
ClientSampleId :

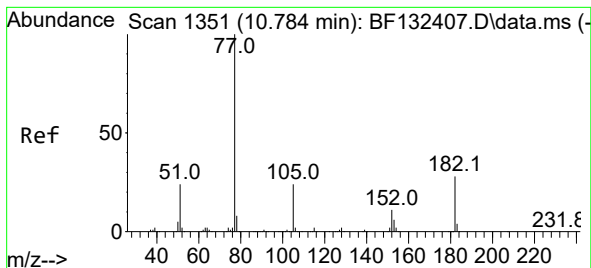
Tgt Ion:204 Resp: 272239
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 69.3 50.9 76.3



#62
4-Nitroaniline
Concen: 42.431 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:138 Resp: 131370
Ion Ratio Lower Upper
138 100
92 44.8 24.3 64.3
108 89.5 52.4 92.4





#63

Azobenzene

Concen: 40.980 ng

RT: 10.789 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 448591

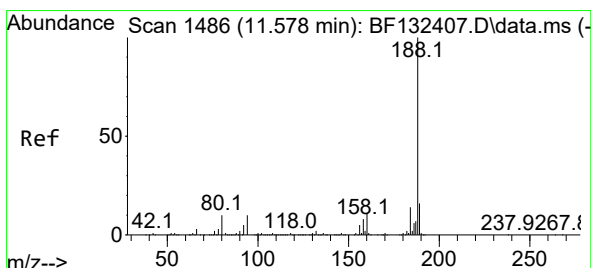
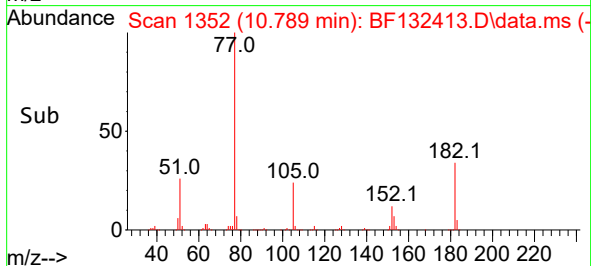
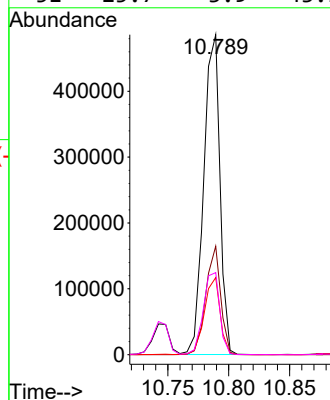
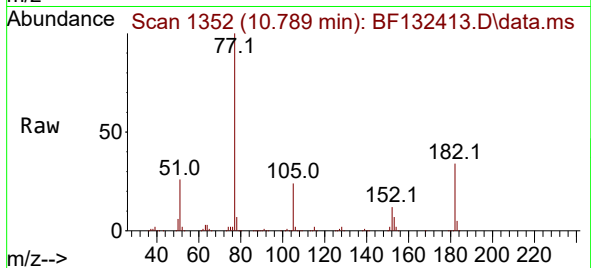
Ion Ratio Lower Upper

77 100

182 33.9 8.3 48.3

105 24.1 3.9 43.9

51 25.7 3.9 43.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.583 min Scan# 1487

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

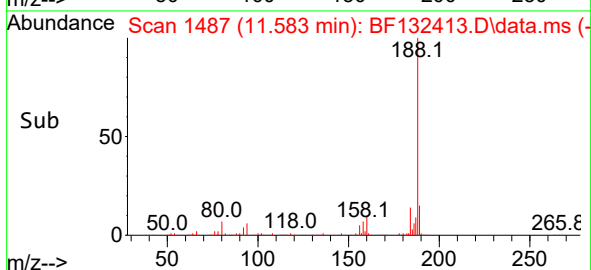
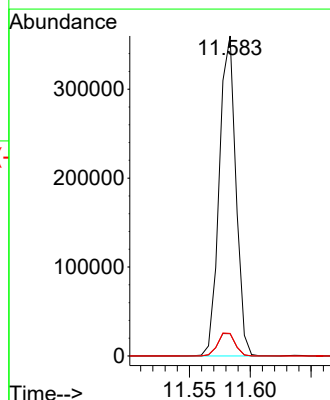
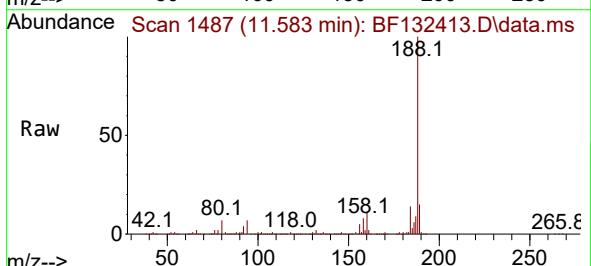
Tgt Ion:188 Resp: 341450

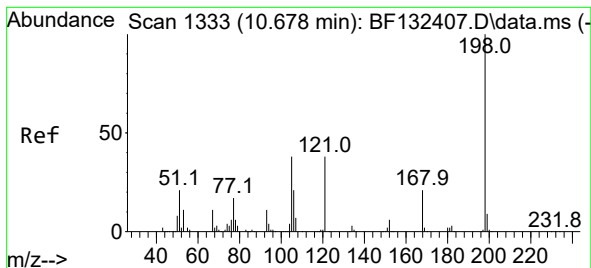
Ion Ratio Lower Upper

188 100

94 6.9 7.8 11.6#

80 7.1 7.6 11.4#

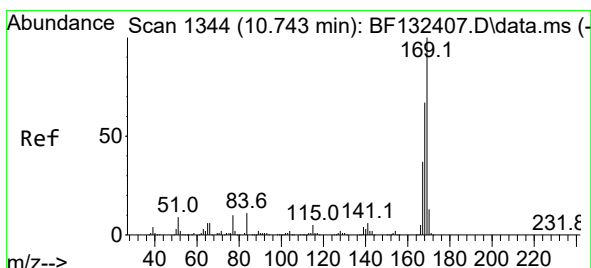
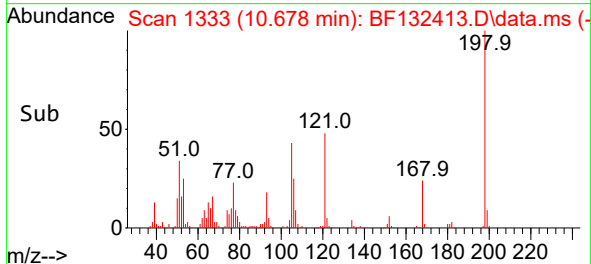
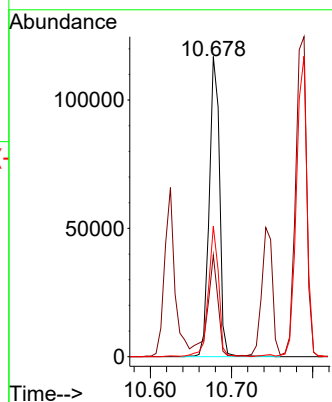
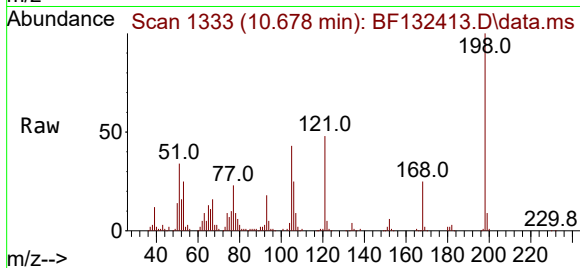




#65
4,6-Dinitro-2-methylphenol
Concen: 48.485 ng
RT: 10.678 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

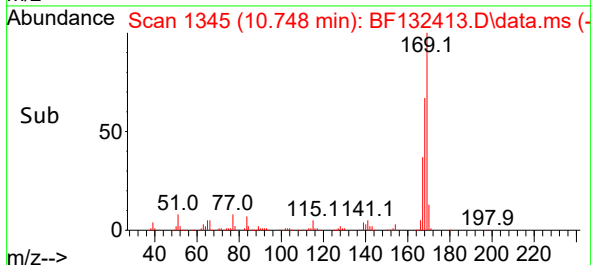
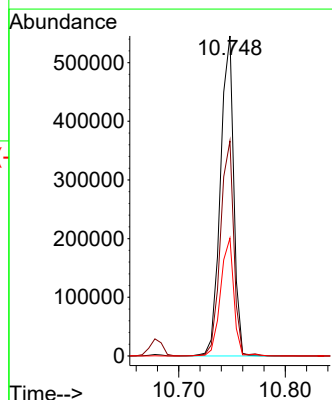
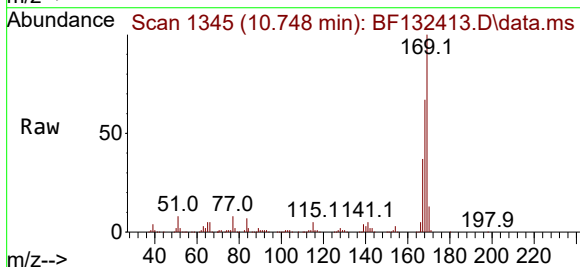
Instrument :
BNA_F
ClientSampleId :

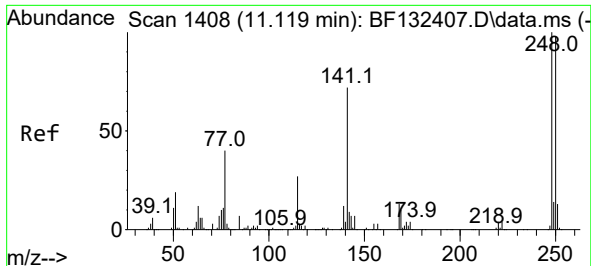
Tgt Ion:198 Resp: 102922
Ion Ratio Lower Upper
198 100
51 33.9 4.6 44.6
105 43.5 19.3 59.3



#66
n-Nitrosodiphenylamine
Concen: 42.716 ng
RT: 10.748 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:169 Resp: 470859
Ion Ratio Lower Upper
169 100
168 67.2 53.5 80.3
167 36.8 29.2 43.8

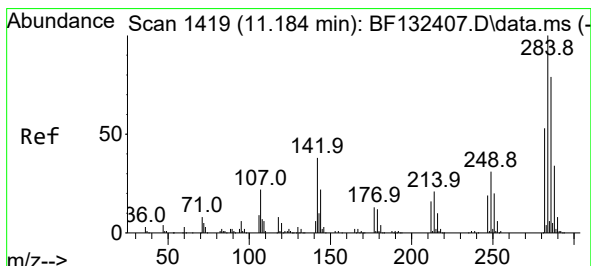
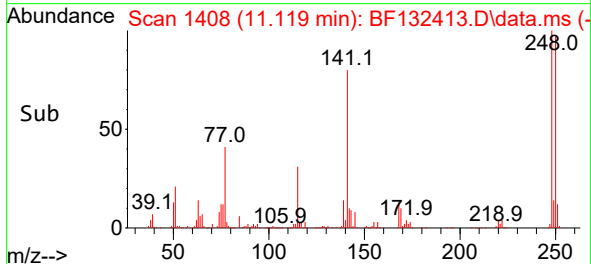
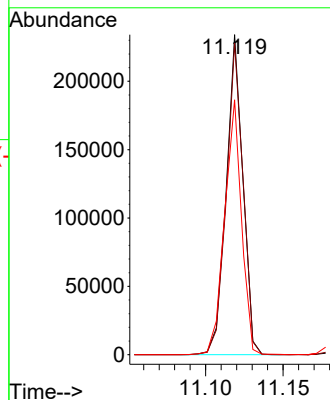
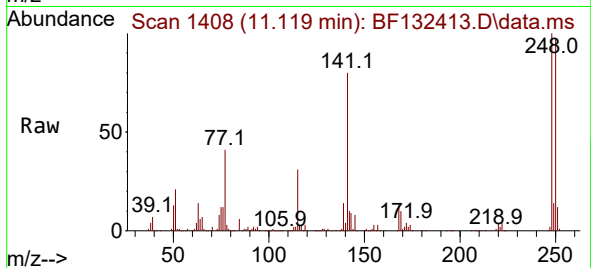




#67
4-Bromophenyl-phenylether
Concen: 43.926 ng
RT: 11.119 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

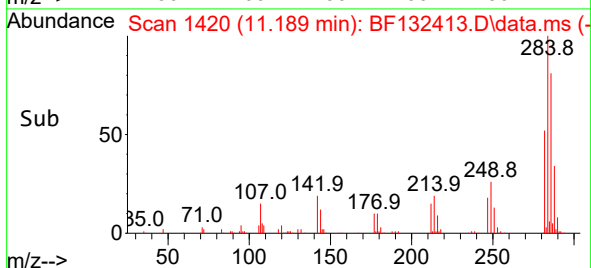
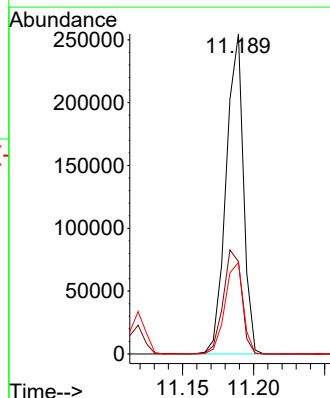
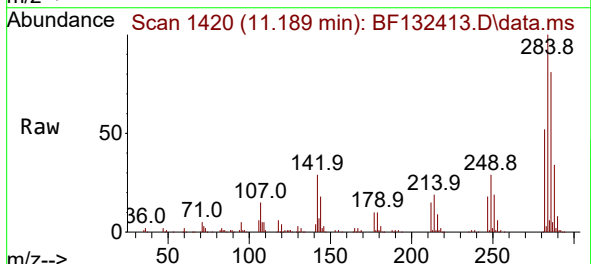
Instrument :
BNA_F
ClientSampleId :

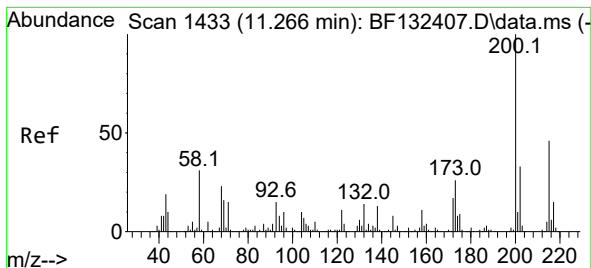
Tgt Ion:248 Resp: 175059
Ion Ratio Lower Upper
248 100
250 97.3 78.1 117.1
141 79.7 57.9 86.9



#68
Hexachlorobenzene
Concen: 48.781 ng
RT: 11.189 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:284 Resp: 215029
Ion Ratio Lower Upper
284 100
142 28.9 30.1 45.1#
249 28.6 25.0 37.4





#69

Atrazine

Concen: 49.811 ng

RT: 11.272 min Scan# 1433

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

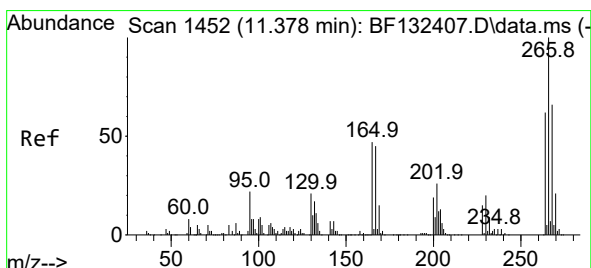
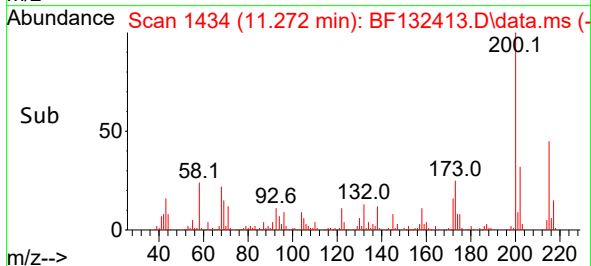
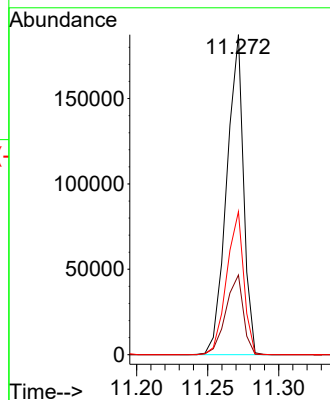
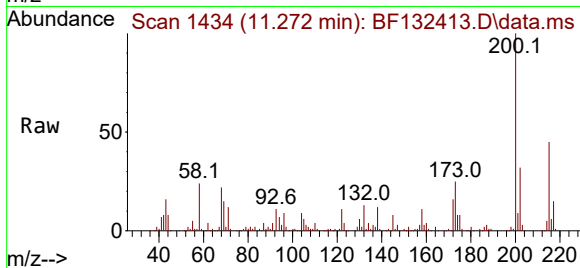
Tgt Ion:200 Resp: 153956

Ion Ratio Lower Upper

200 100

173 24.9 6.3 46.3

215 44.7 26.1 66.1



#70

Pentachlorophenol

Concen: 90.257 ng

RT: 11.383 min Scan# 1453

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

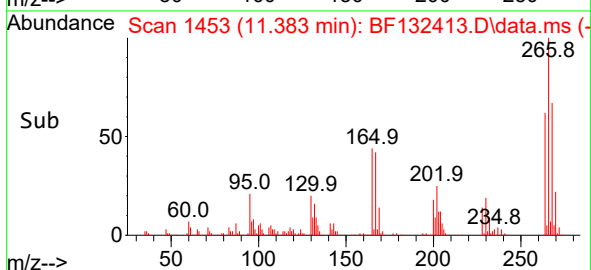
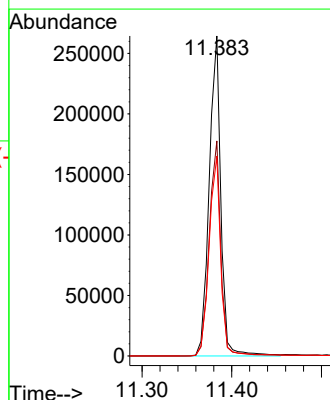
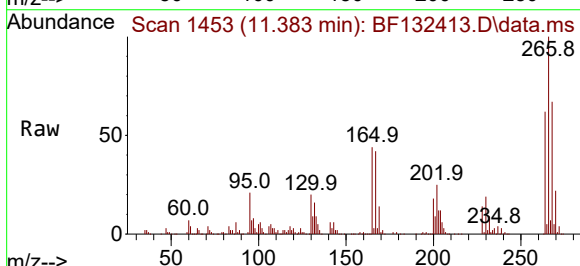
Tgt Ion:266 Resp: 238041

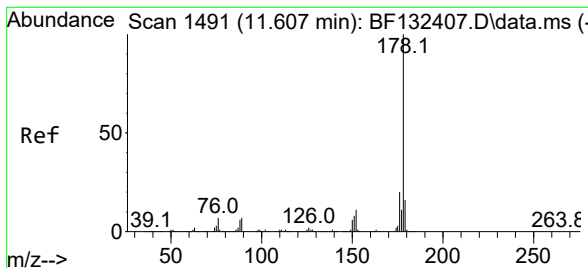
Ion Ratio Lower Upper

266 100

268 67.2 53.0 79.4

264 62.4 49.6 74.4





#71

Phenanthrene

Concen: 43.431 ng

RT: 11.607 min Scan# 1491

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

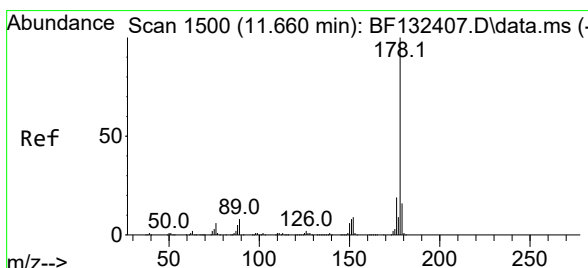
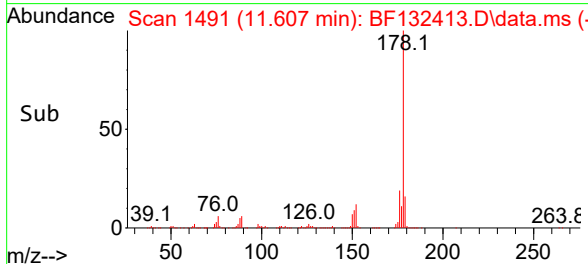
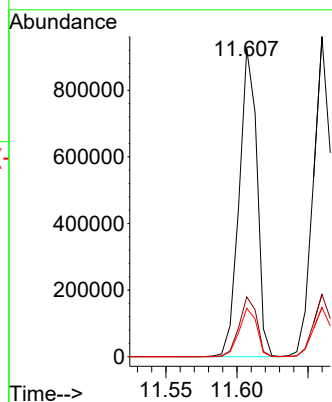
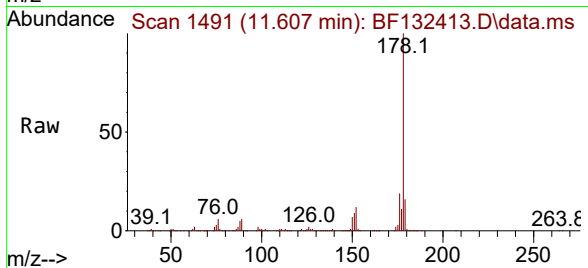
Tgt Ion:178 Resp: 808485

Ion Ratio Lower Upper

178 100

176 19.5 16.1 24.1

179 15.8 12.6 19.0



#72

Anthracene

Concen: 42.977 ng

RT: 11.660 min Scan# 1500

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

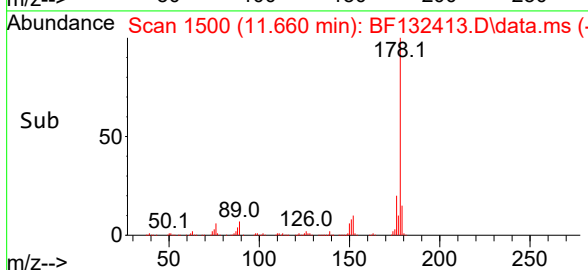
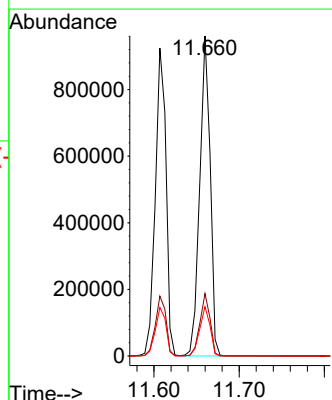
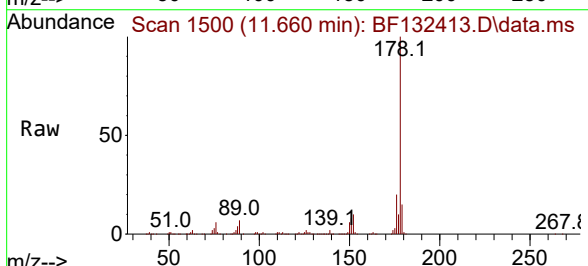
Tgt Ion:178 Resp: 819372

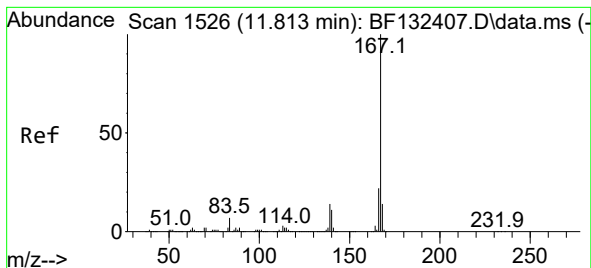
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.4 12.6 19.0





#73

Carbazole

Concen: 43.454 ng

RT: 11.813 min Scan# 1526

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

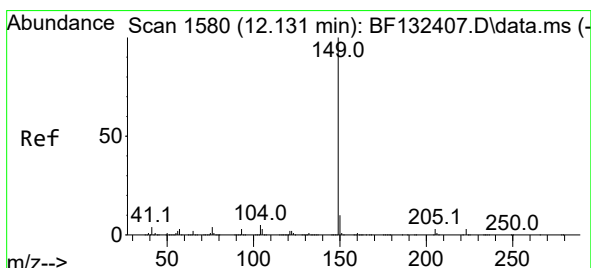
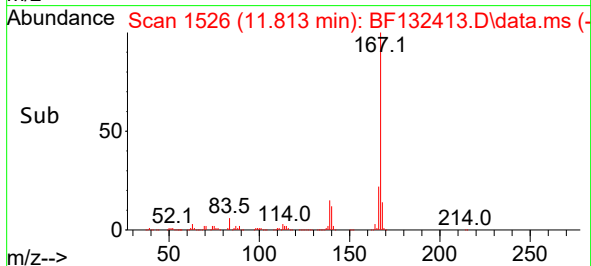
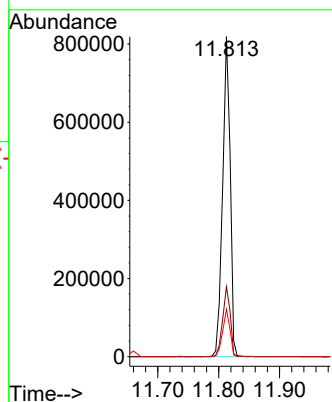
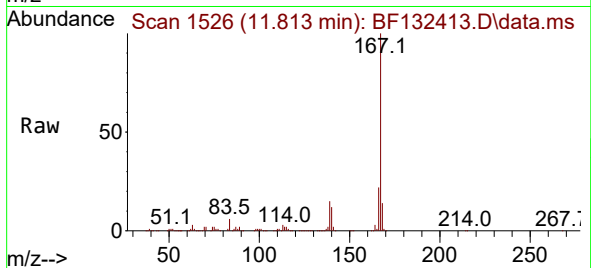
Tgt Ion:167 Resp: 710958

Ion Ratio Lower Upper

167 100

166 21.9 17.5 26.3

139 14.8 11.3 16.9



#74

Di-n-butylphthalate

Concen: 44.283 ng

RT: 12.130 min Scan# 1580

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

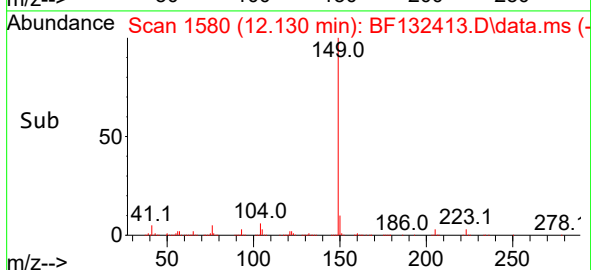
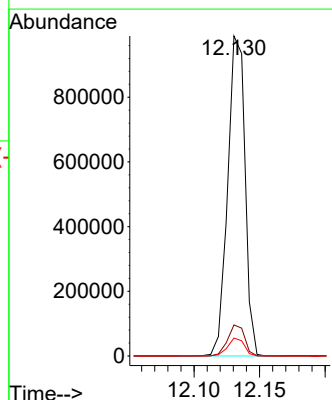
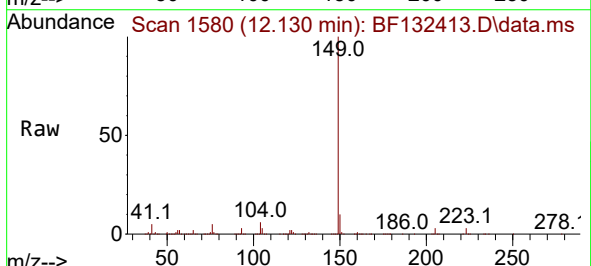
Tgt Ion:149 Resp: 909824

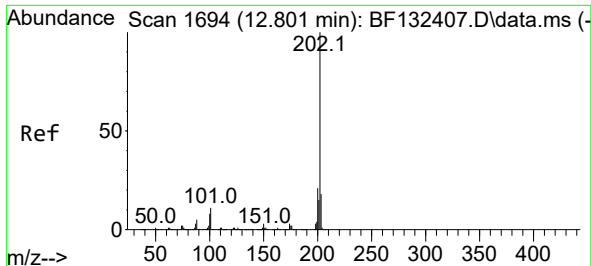
Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

104 5.6 4.2 6.2

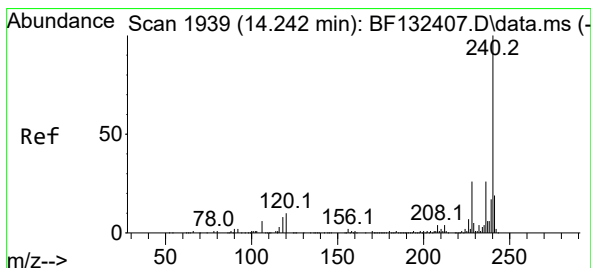
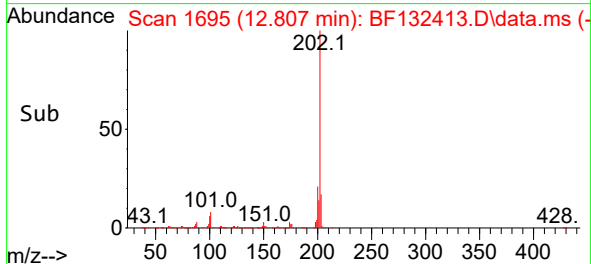
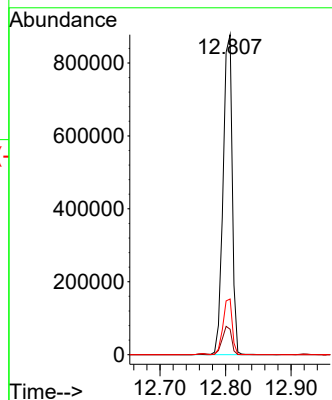
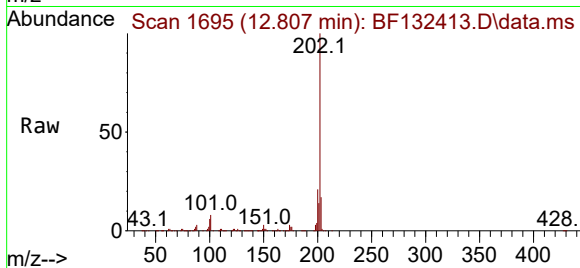




#75
Fluoranthene
Concen: 45.675 ng
RT: 12.807 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

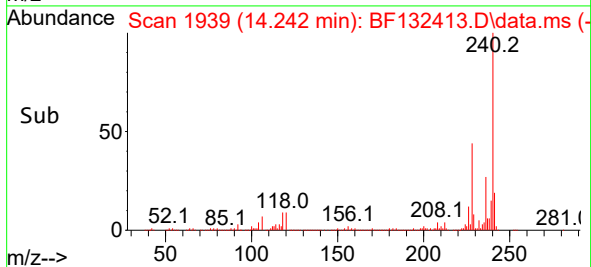
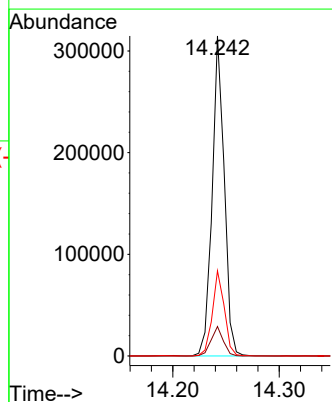
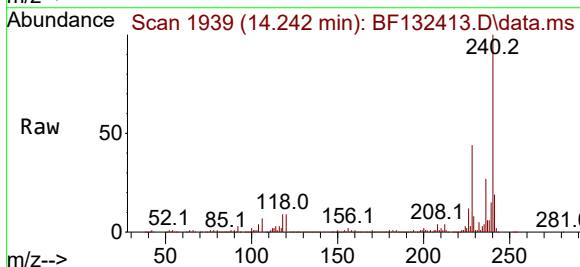
Instrument :
BNA_F
ClientSampleId :

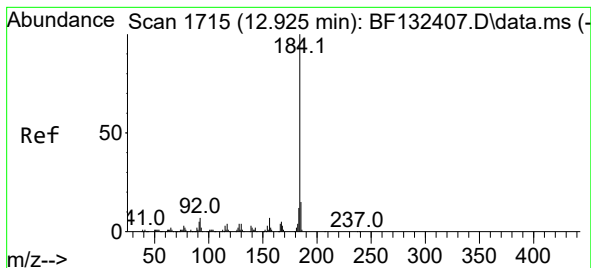
Tgt Ion:202 Resp: 841443
Ion Ratio Lower Upper
202 100
101 7.9 0.0 31.0
203 17.4 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.242 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BF132413.D
Acq: 13 Feb 2023 16:54

Tgt Ion:240 Resp: 248300
Ion Ratio Lower Upper
240 100
120 9.2 7.7 11.5
236 26.6 21.1 31.7





#77

Benzidine

Concen: 75.777 ng

RT: 12.924 min Scan# 1715

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

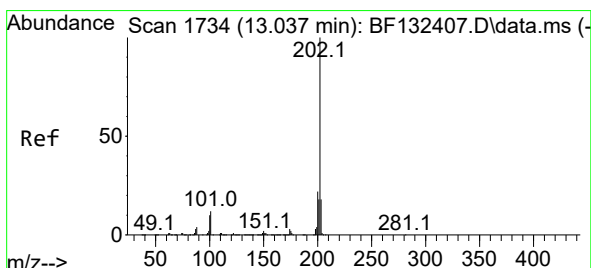
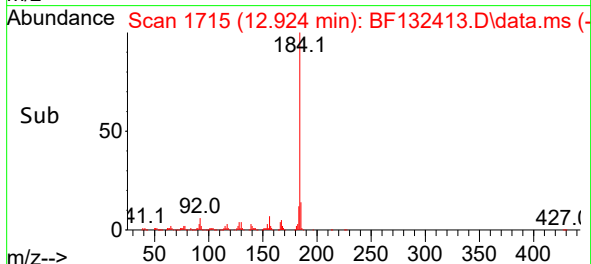
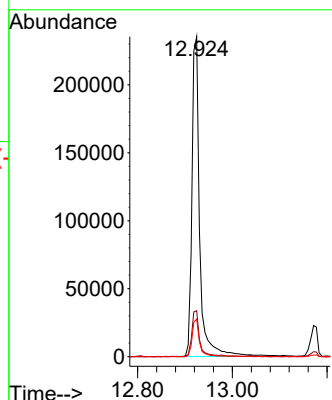
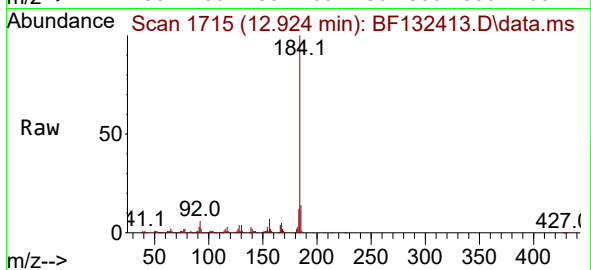
Tgt Ion:184 Resp: 267695

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

183 11.7 9.3 13.9



#78

Pyrene

Concen: 41.931 ng

RT: 13.036 min Scan# 1734

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

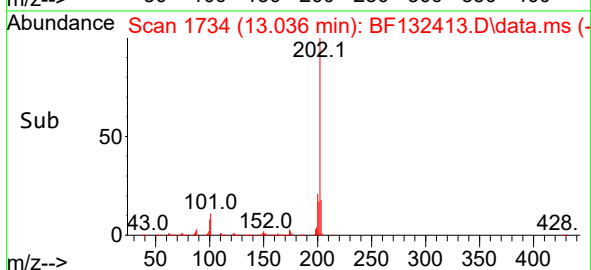
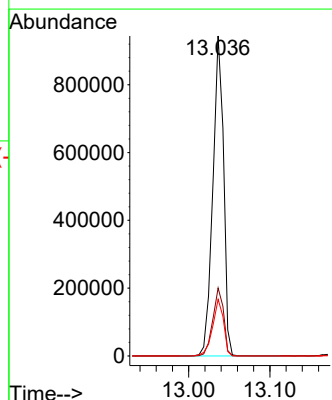
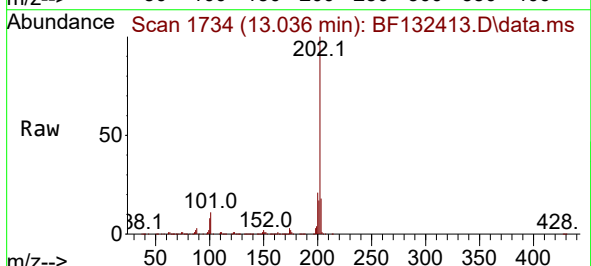
Tgt Ion:202 Resp: 862839

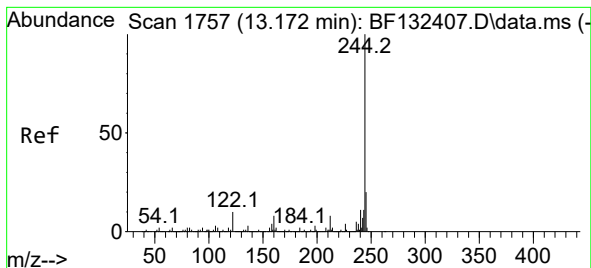
Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.0

203 17.7 14.1 21.1





#79

Terphenyl-d14

Concen: 93.603 ng

RT: 13.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

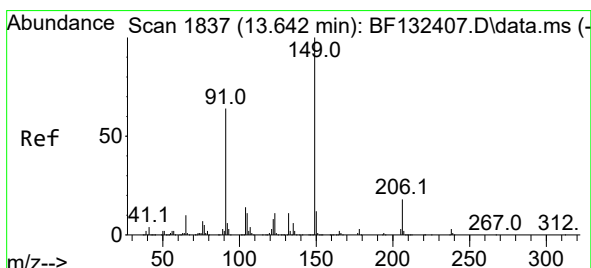
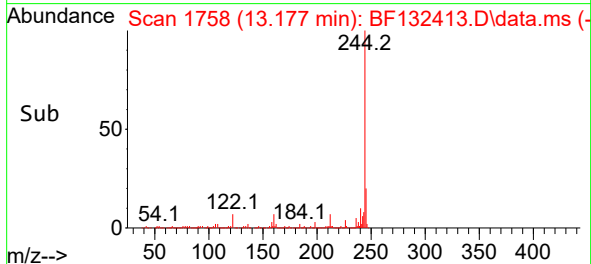
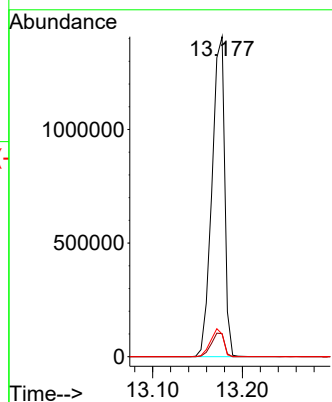
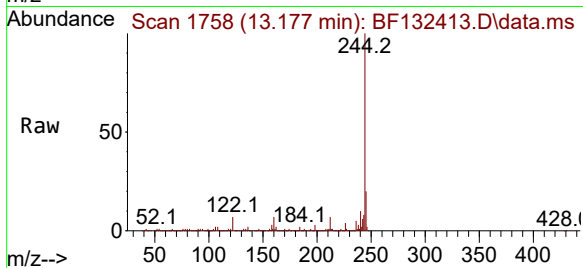
Tgt Ion:244 Resp: 1381924

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

122 7.1 8.2 12.4#



#80

Butylbenzylphthalate

Concen: 44.384 ng

RT: 13.648 min Scan# 1838

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

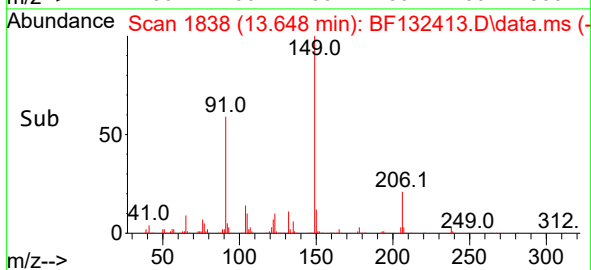
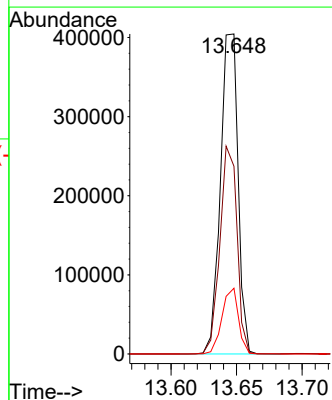
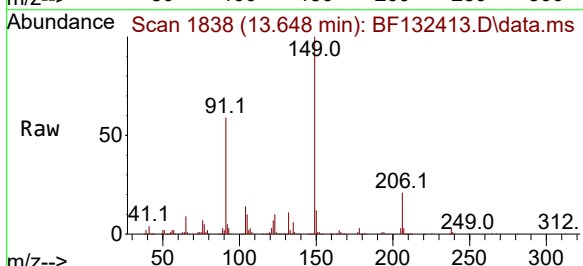
Tgt Ion:149 Resp: 378577

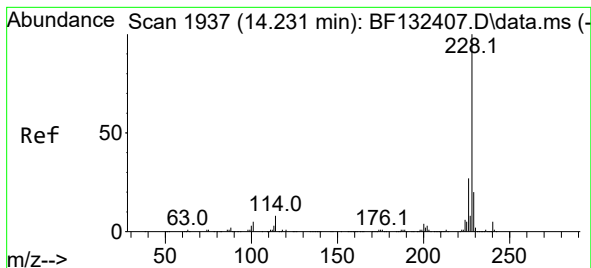
Ion Ratio Lower Upper

149 100

91 58.6 51.6 77.4

206 20.6 14.8 22.2





#81

Benzo(a)anthracene

Concen: 43.850 ng

RT: 14.230 min Scan# 1937

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

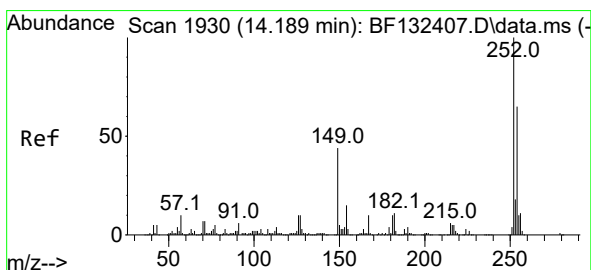
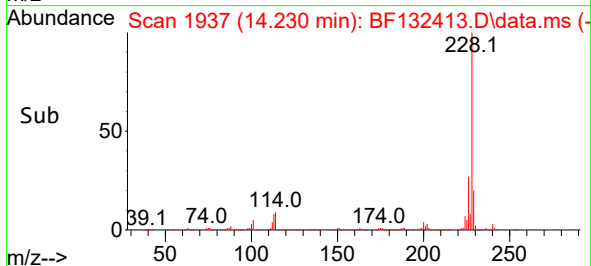
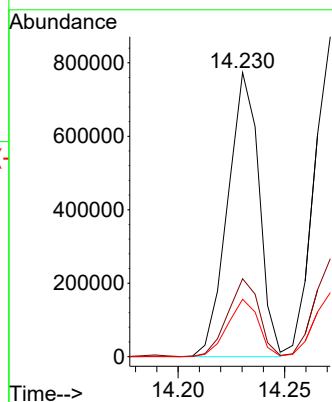
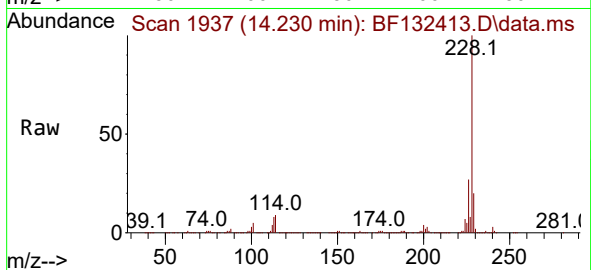
Tgt Ion:228 Resp: 792144

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.6

229 20.2 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 40.758 ng

RT: 14.189 min Scan# 1930

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

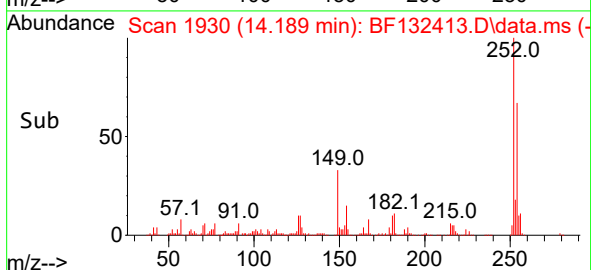
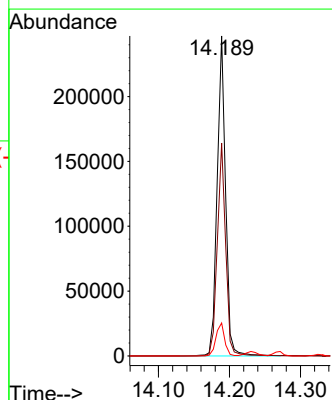
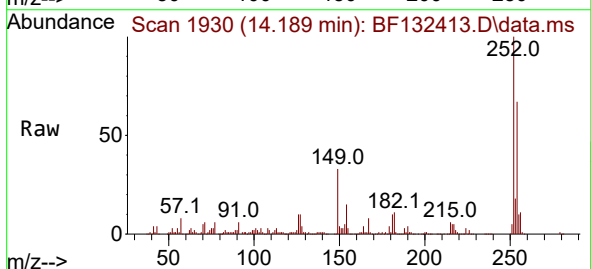
Tgt Ion:252 Resp: 203623

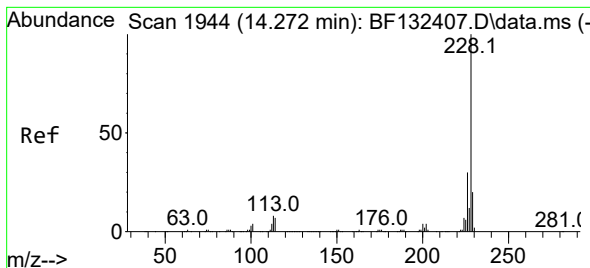
Ion Ratio Lower Upper

252 100

254 66.6 51.8 77.6

126 10.3 8.1 12.1





#83

Chrysene

Concen: 43.149 ng

RT: 14.271 min Scan# 1944

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

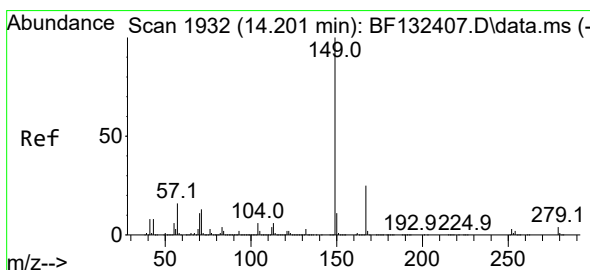
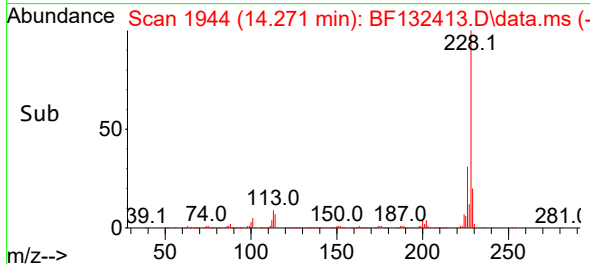
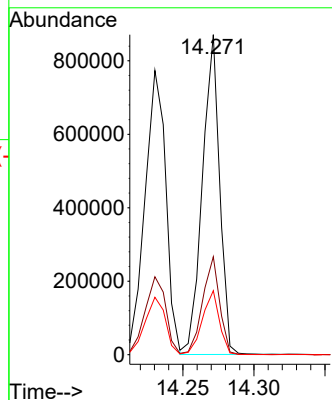
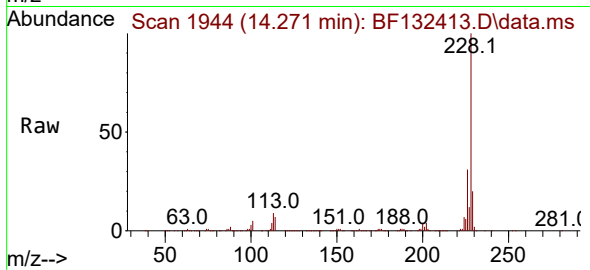
Tgt Ion:228 Resp: 735555

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.174 ng

RT: 14.201 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

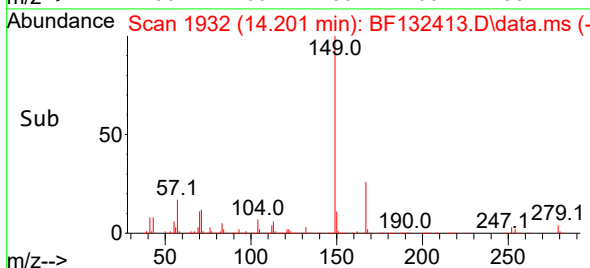
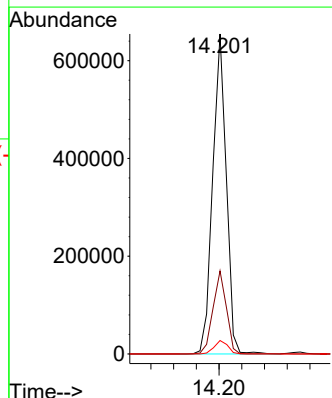
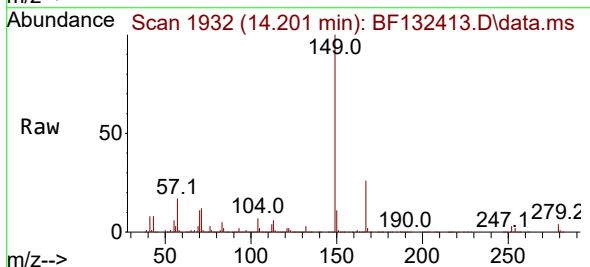
Tgt Ion:149 Resp: 541955

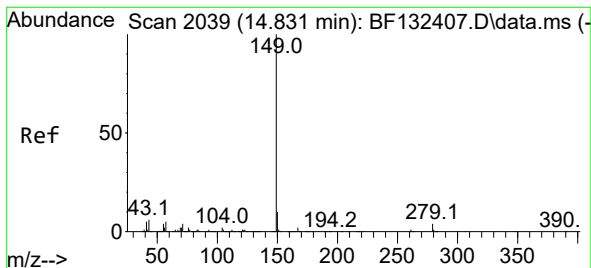
Ion Ratio Lower Upper

149 100

167 25.9 20.2 30.4

279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.333 ng

RT: 14.830 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

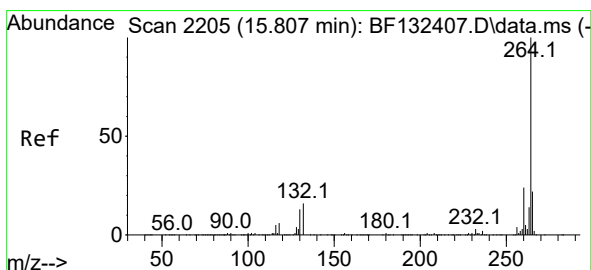
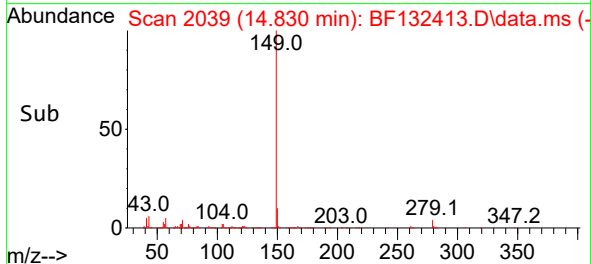
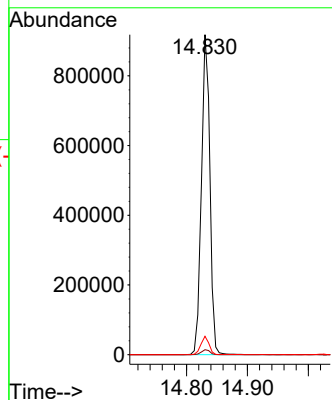
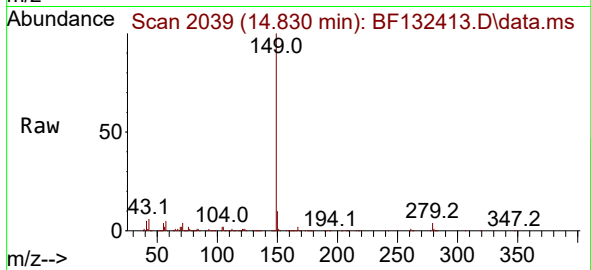
Tgt Ion:149 Resp: 886674

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 5.7 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.807 min Scan# 2205

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

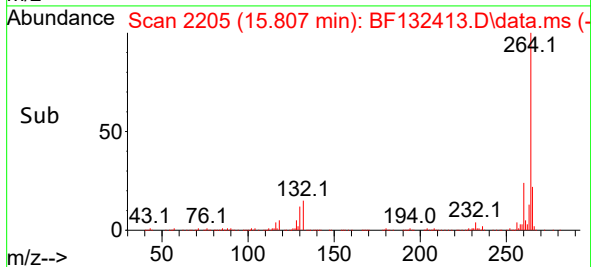
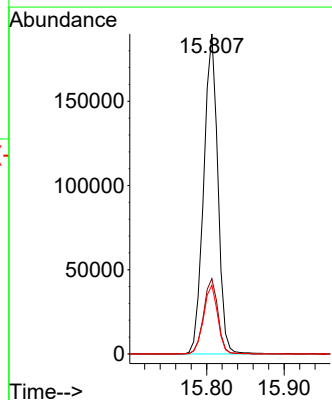
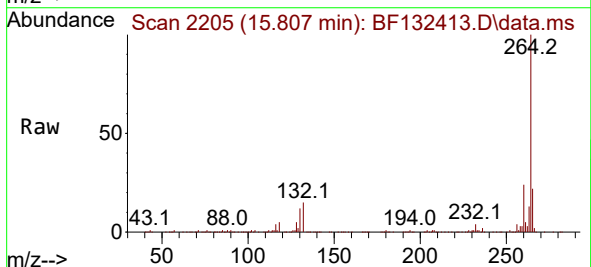
Tgt Ion:264 Resp: 240650

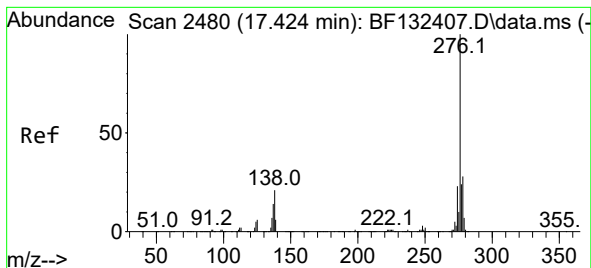
Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.5 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.520 ng

RT: 17.430 min Scan# 2480

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

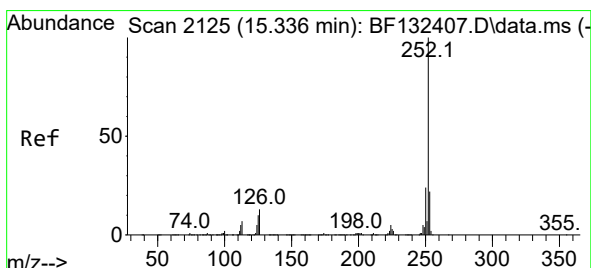
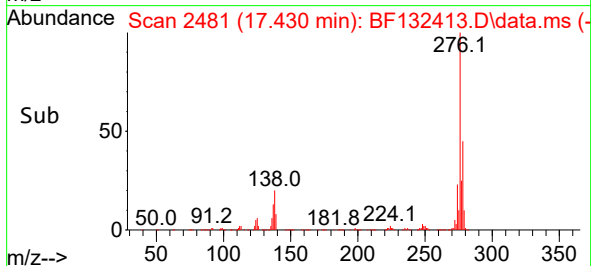
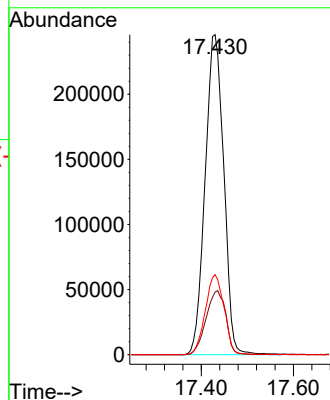
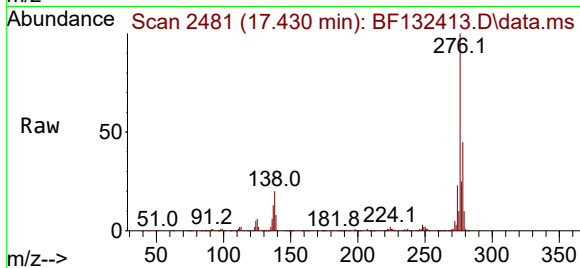
Tgt Ion:276 Resp: 693103

Ion Ratio Lower Upper

276 100

138 21.3 19.1 28.7

277 25.2 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 48.856 ng

RT: 15.342 min Scan# 2126

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

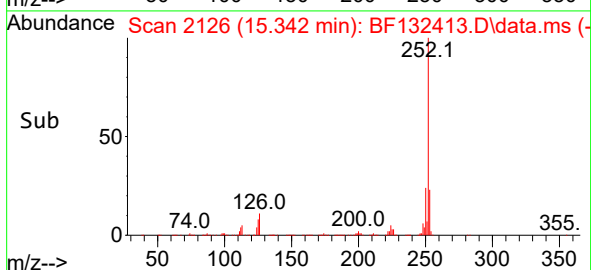
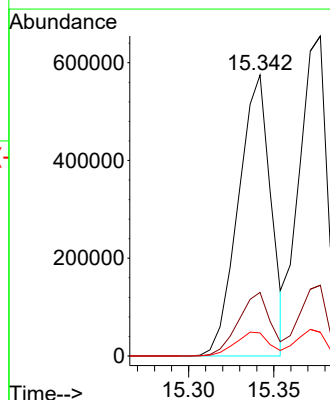
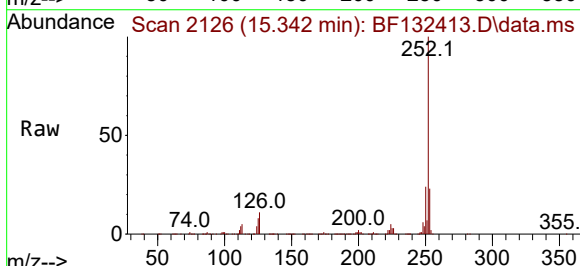
Tgt Ion:252 Resp: 763281

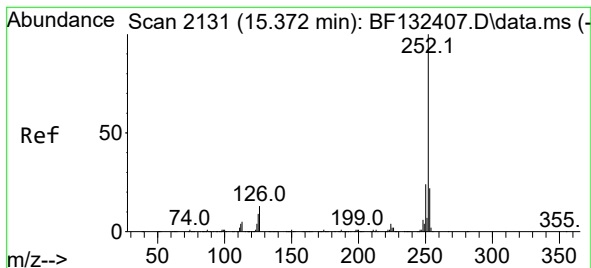
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 8.2 8.2 12.4#





#89

Benzo(k)fluoranthene

Concen: 49.115 ng

RT: 15.342 min Scan# 2126

Delta R.T. -0.030 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

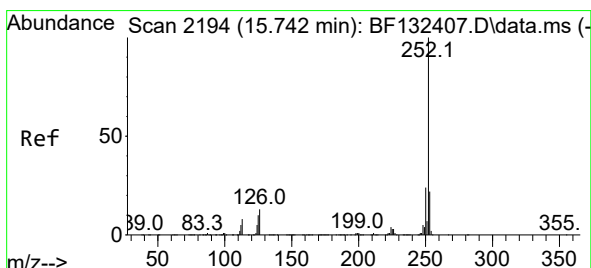
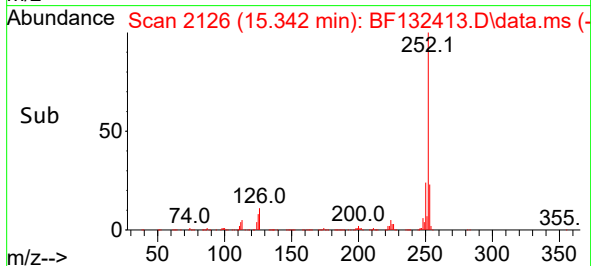
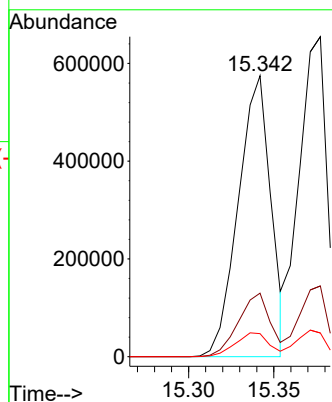
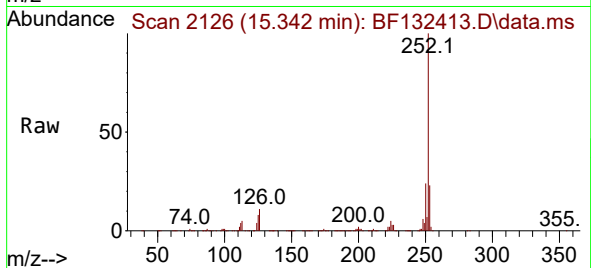
Tgt Ion:252 Resp: 763281

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 8.2 7.4 11.2



#90

Benzo(a)pyrene

Concen: 44.614 ng

RT: 15.742 min Scan# 2194

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

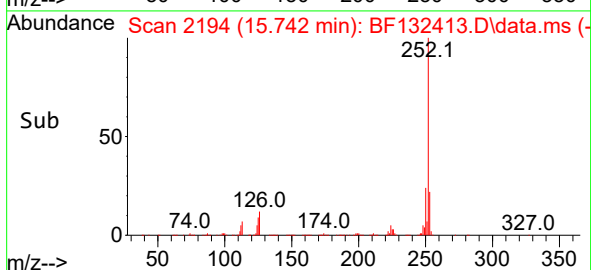
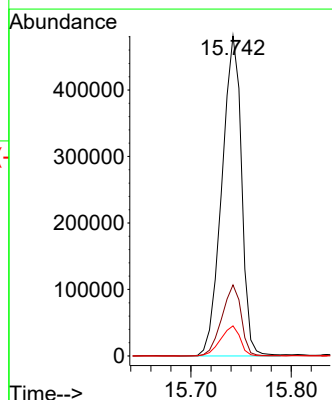
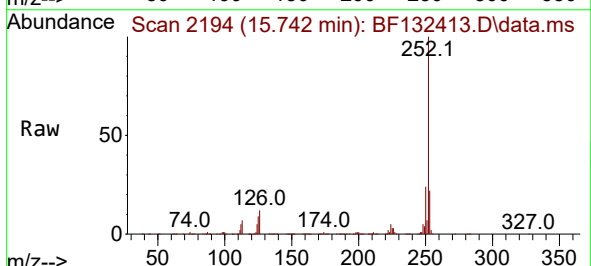
Tgt Ion:252 Resp: 654620

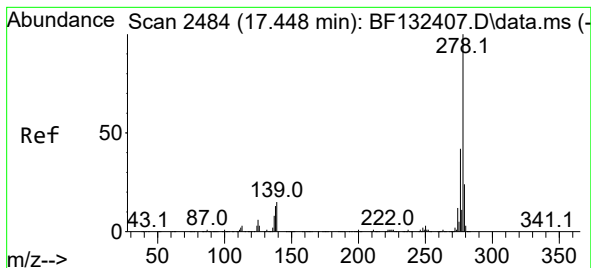
Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 9.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 41.357 ng

RT: 17.448 min Scan# 2484

Delta R.T. -0.000 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Instrument :

BNA_F

ClientSampleId :

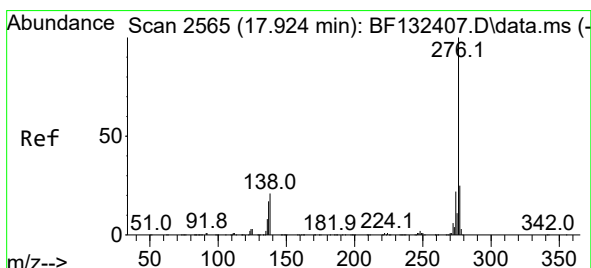
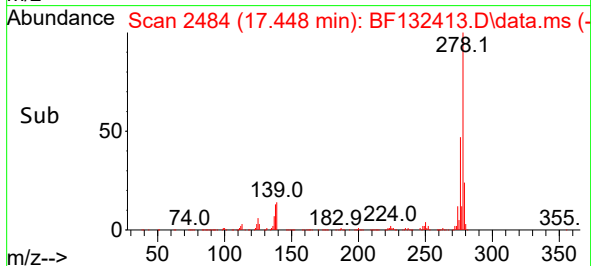
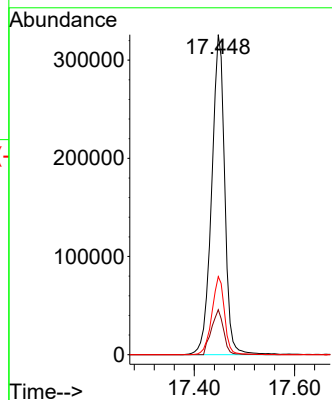
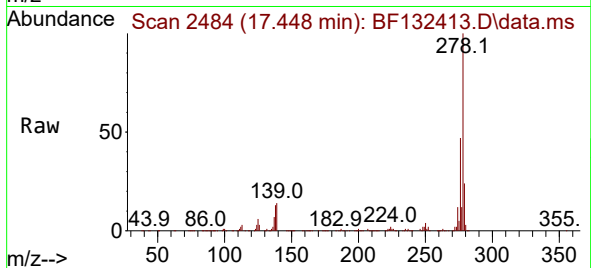
Tgt Ion:278 Resp: 589178

Ion Ratio Lower Upper

278 100

139 14.0 11.8 17.8

279 24.4 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 39.594 ng

RT: 17.930 min Scan# 2566

Delta R.T. 0.006 min

Lab File: BF132413.D

Acq: 13 Feb 2023 16:54

Tgt Ion:276 Resp: 555603

Ion Ratio Lower Upper

276 100

277 23.4 19.6 29.4

138 17.4 16.6 25.0

