

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132404.D
 Acq On : 13 Feb 2023 11:49
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:10:44 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 00:06:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	86393	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	335316	20.000	ng	0.00
39) Acenaphthene-d10	10.084	164	260904	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	490629	20.000	ng	0.00
76) Chrysene-d12	14.236	240	388610	20.000	ng	0.00
86) Perylene-d12	15.801	264	400068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	72277	13.448	ng	0.00
7) Phenol-d6	6.637	99	65010	9.811	ng	-0.02
23) Nitrobenzene-d5	7.590	82	55627	9.232	ng	-0.01
42) 2,4,6-Tribromophenol	10.872	330	31388	11.699	ng	0.00
45) 2-Fluorobiphenyl	9.389	172	200435	11.863	ng	0.00
79) Terphenyl-d14	13.166	244	222161	11.059	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.908	88	20350	8.047	ng	97
3) Pyridine	3.707	79	29383	4.283	ng	94
4) n-Nitrosodimethylamine	3.631	42	11205	5.104	ng	# 90
6) Aniline	6.690	93	24933	2.773	ng	97
8) 2-Chlorophenol	6.813	128	29355	5.273	ng	99
9) Benzaldehyde	6.584	77	15068	3.726	ng	86
10) Phenol	6.654	94	32632	4.758	ng	99
11) bis(2-Chloroethyl)ether	6.754	93	38965	6.903	ng	99
12) 1,3-Dichlorobenzene	6.972	146	32360	5.496	ng	98
13) 1,4-Dichlorobenzene	7.048	146	32530	5.535	ng	98
14) 1,2-Dichlorobenzene	7.201	146	30279	5.525	ng	100
15) Benzyl Alcohol	7.160	79	14187	2.934	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.301	45	22729	3.822	ng	97
17) 2-Methylphenol	7.272	107	24605	5.049	ng	96
18) Hexachloroethane	7.548	117	11302	5.126	ng	88
19) n-Nitroso-di-n-propyla...	7.425	70	16610	4.413	ng	98
20) 3+4-Methylphenols	7.419	107	31349	5.041	ng	91
22) Acetophenone	7.431	105	41949	5.320	ng	98
24) Nitrobenzene	7.607	77	26924	4.374	ng	98
25) Isophorone	7.842	82	49196	4.302	ng	97
26) 2-Nitrophenol	7.931	139	13399	4.469	ng	99
27) 2,4-Dimethylphenol	7.954	122	24717	4.709	ng	98
28) bis(2-Chloroethoxy)met...	8.054	93	32522	4.627	ng	99
29) 2,4-Dichlorophenol	8.172	162	23573	5.059	ng	95
30) 1,2,4-Trichlorobenzene	8.254	180	27876	5.586	ng	99
31) Naphthalene	8.337	128	89729	5.436	ng	99
32) Benzoic acid	7.995	122	4084	1.051	ng	# 79
33) 4-Chloroaniline	8.390	127	22994	3.142	ng	96
34) Hexachlorobutadiene	8.454	225	17817	6.351	ng	98
35) Caprolactam	8.713	113	6889	4.337	ng	95
36) 4-Chloro-3-methylphenol	8.860	107	31784	6.331	ng	92
37) 2-Methylnaphthalene	9.031	142	93391	8.353	ng	98
38) 1-Methylnaphthalene	9.131	142	88009	8.471	ng	98
40) 1,2,4,5-Tetrachloroben...	9.195	216	42075	5.731	ng	99
41) Hexachlorocyclopentadiene	9.184	237	19881	4.641	ng	99
43) 2,4,6-Trichlorophenol	9.307	196	26263	5.004	ng	97

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 Misc :
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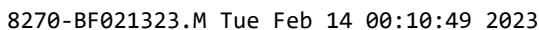
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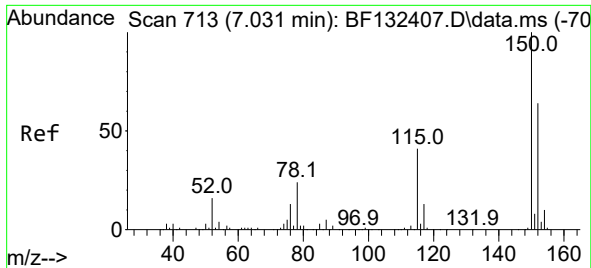
Quant Time: Feb 14 00:10:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.348	196	29868	4.944	ng	95
46) 1,1'-Biphenyl	9.495	154	111154	5.526	ng	100
47) 2-Chloronaphthalene	9.525	162	84329	5.505	ng	96
48) 2-Nitroaniline	9.613	65	17160	3.766	ng	93
49) Acenaphthylene	9.942	152	133853	5.353	ng	98
50) Dimethylphthalate	9.784	163	100380	5.500	ng	100
51) 2,6-Dinitrotoluene	9.854	165	19961	4.897	ng	94
52) Acenaphthene	10.113	154	83919	5.361	ng	99
53) 3-Nitroaniline	10.025	138	21522	4.354	ng	92
54) 2,4-Dinitrophenol	10.131	184	6674	3.175	ng	99
55) Dibenzofuran	10.289	168	121459	5.522	ng	91
56) 4-Nitrophenol	10.184	139	14671	3.944	ng	93
57) 2,4-Dinitrotoluene	10.254	165	24462	4.620	ng	# 86
58) Fluorene	10.631	166	94805	5.601	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.401	232	23039	5.232	ng	99
60) Diethylphthalate	10.489	149	100233	5.521	ng	97
61) 4-Chlorophenyl-phenyle...	10.619	204	47274	5.885	ng	99
62) 4-Nitroaniline	10.636	138	21250	4.483	ng	97
63) Azobenzene	10.778	77	80595	4.557	ng	96
65) 4,6-Dinitro-2-methylph...	10.666	198	11169	4.011	ng	99
66) n-Nitrosodiphenylamine	10.736	169	82678	5.382	ng	99
67) 4-Bromophenyl-phenylether	11.113	248	28323	5.638	ng	96
68) Hexachlorobenzene	11.183	284	31156	5.802	ng	# 91
69) Atrazine	11.260	200	17043	3.857	ng	96
70) Pentachlorophenol	11.378	266	13409	3.634	ng	93
71) Phenanthrene	11.601	178	140300	5.472	ng	98
72) Anthracene	11.654	178	142636	5.467	ng	98
73) Carbazole	11.807	167	124123	5.306	ng	97
74) Di-n-butylphthalate	12.130	149	146200	5.286	ng	98
75) Fluoranthene	12.801	202	142527	5.448	ng	98
77) Benzidine	12.925	184	17264	1.271	ng	97
78) Pyrene	13.030	202	148475	4.750	ng	99
80) Butylbenzylphthalate	13.642	149	54216	3.926	ng	98
81) Benzo(a)anthracene	14.224	228	135953	5.002	ng	99
82) 3,3'-Dichlorobenzidine	14.183	252	38241	4.417	ng	98
83) Chrysene	14.260	228	134354	5.279	ng	98
84) Bis(2-ethylhexyl)phtha...	14.201	149	80017	4.287	ng	98
85) Di-n-octyl phthalate	14.830	149	121087	3.977	ng	99
87) Indeno(1,2,3-cd)pyrene	17.412	276	125290	4.713	ng	98
88) Benzo(b)fluoranthene	15.330	252	116011	4.562	ng	98
89) Benzo(k)fluoranthene	15.360	252	127889	5.269	ng	99
90) Benzo(a)pyrene	15.730	252	112466	4.749	ng	98
91) Dibenzo(a,h)anthracene	17.430	278	105712	4.946	ng	97
92) Benzo(g,h,i)perylene	17.901	276	102351	4.635	ng	98

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

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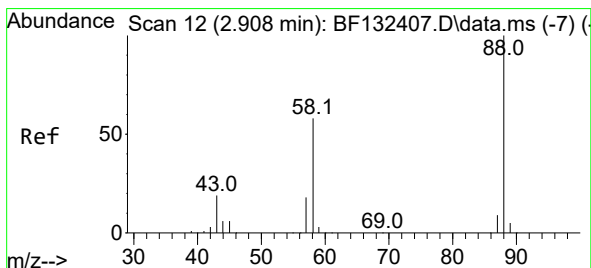
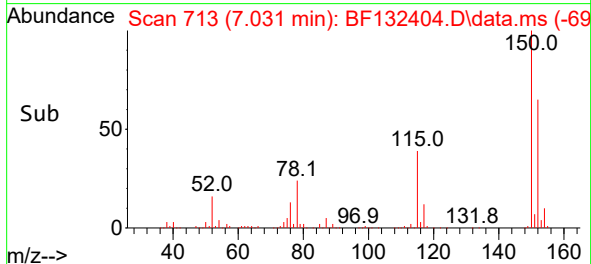
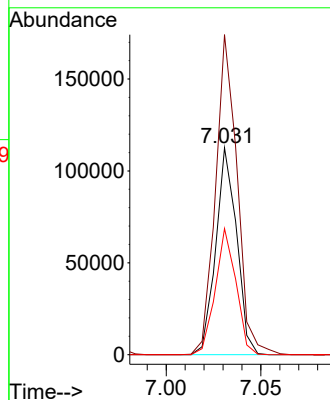
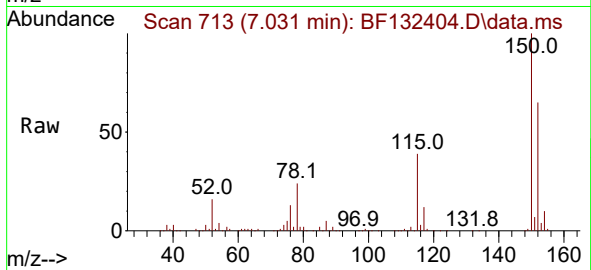




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.031 min Scan# 713
 Delta R.T. -0.000 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49

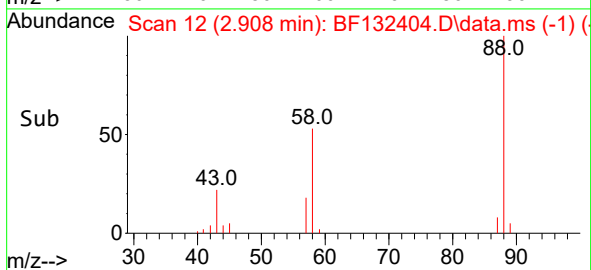
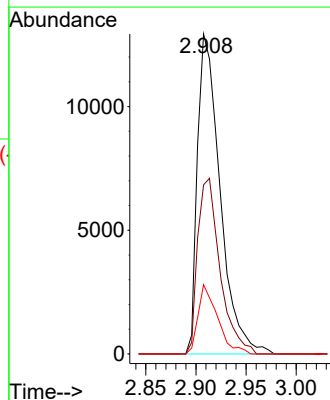
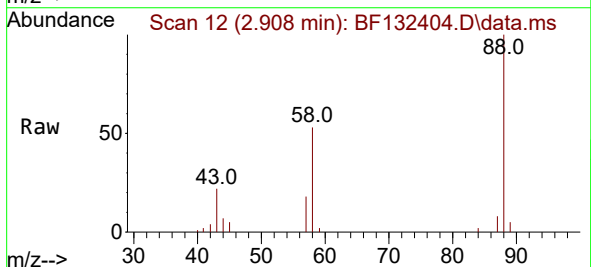
Instrument :
 BNA_F
 ClientSampleId :

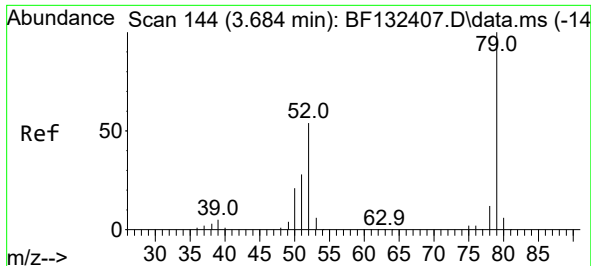
Tgt Ion:152 Resp: 86393
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.4 186.6
 115 60.9 50.6 75.8



#2
 1,4-Dioxane
 Concen: 8.047 ng
 RT: 2.908 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49

Tgt Ion: 88 Resp: 20350
 Ion Ratio Lower Upper
 88 100
 58 54.1 45.7 68.5
 43 18.7 15.0 22.4

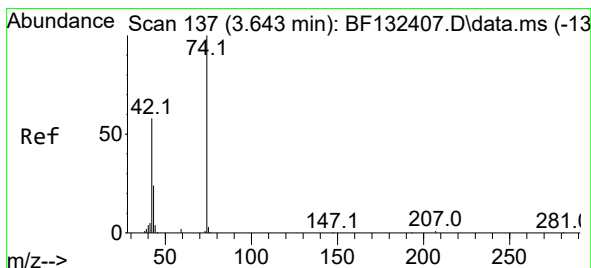
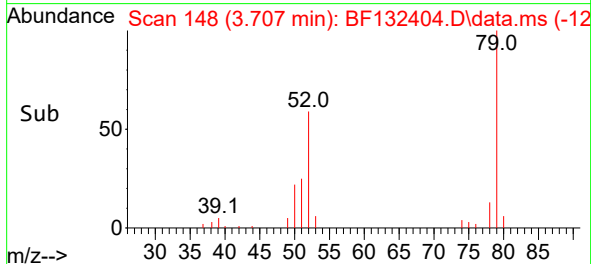
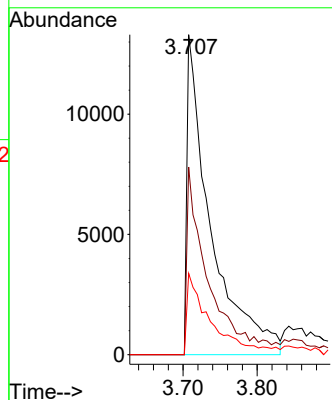
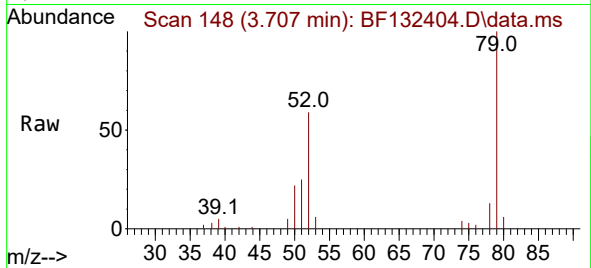




#3
 Pyridine
 Concen: 4.283 ng
 RT: 3.707 min Scan# 14
 Delta R.T. 0.023 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49

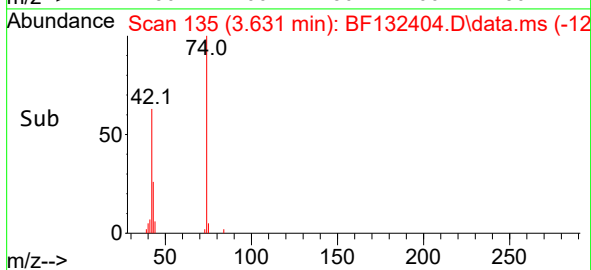
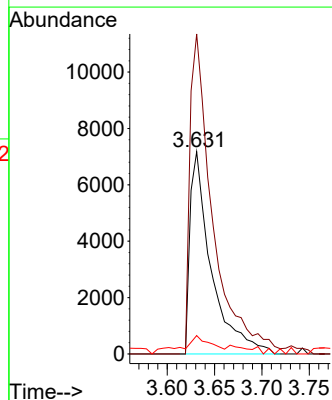
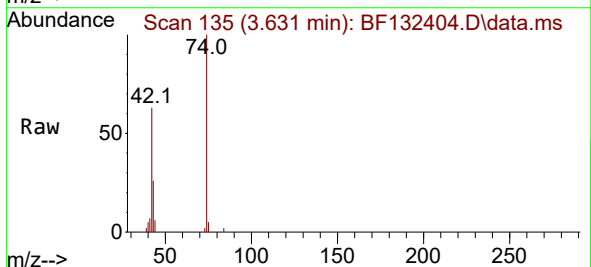
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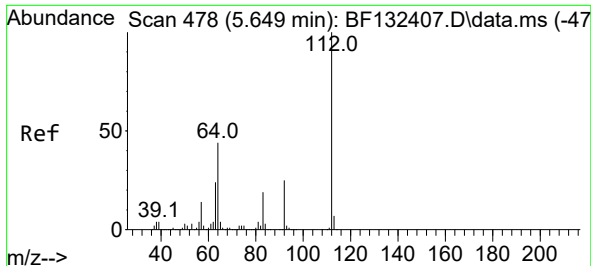
Tgt Ion: 79 Resp: 29383
 Ion Ratio Lower Upper
 79 100
 52 58.6 43.3 64.9
 51 25.4 22.1 33.1



#4
 n-Nitrosodimethylamine
 Concen: 5.104 ng
 RT: 3.631 min Scan# 135
 Delta R.T. -0.012 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49

Tgt Ion: 42 Resp: 11205
 Ion Ratio Lower Upper
 42 100
 74 158.2 137.8 206.6
 44 9.1 5.8 8.6#

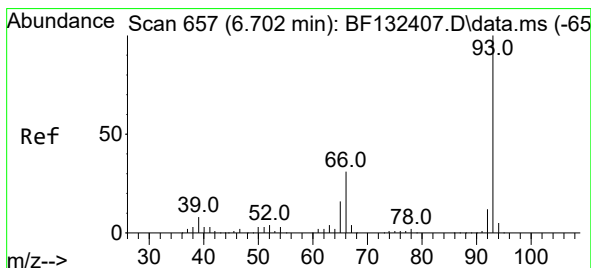
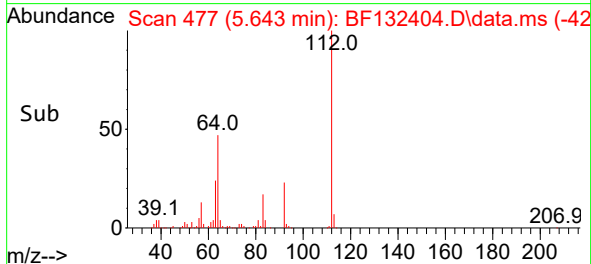
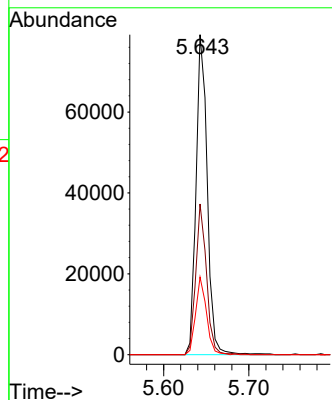
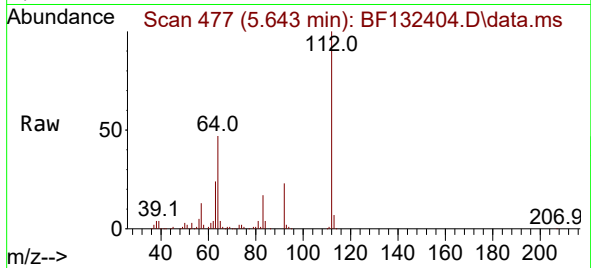




#5
2-Fluorophenol
Concen: 13.448 ng
RT: 5.643 min Scan# 41
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

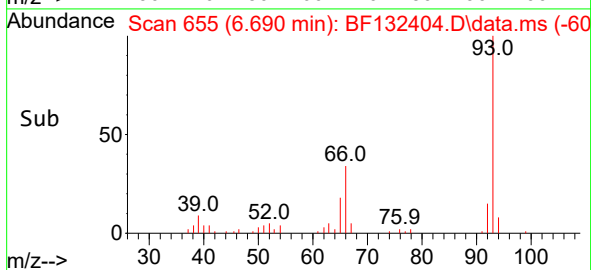
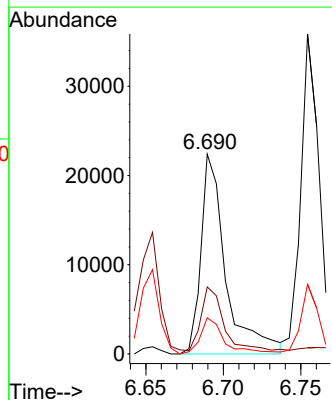
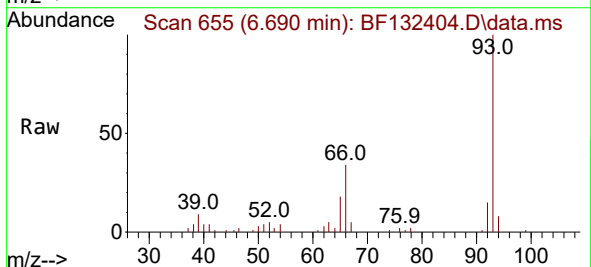
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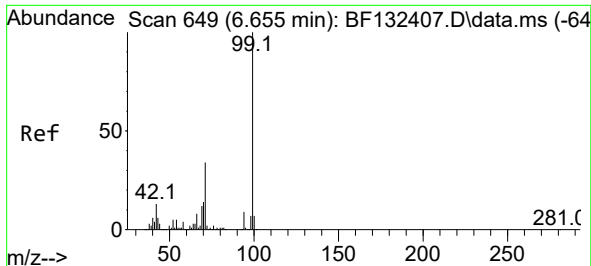
Tgt Ion:112 Resp: 72277
Ion Ratio Lower Upper
112 100
64 47.1 34.8 52.2
63 24.3 19.3 28.9



#6
Aniline
Concen: 2.773 ng
RT: 6.690 min Scan# 655
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion: 93 Resp: 24933
Ion Ratio Lower Upper
93 100
66 33.5 25.7 38.5
65 18.1 13.1 19.7

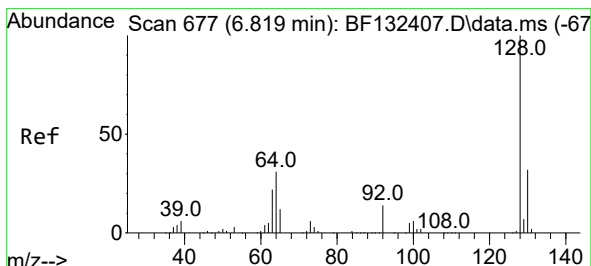
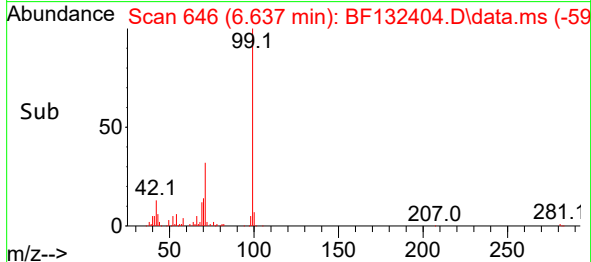
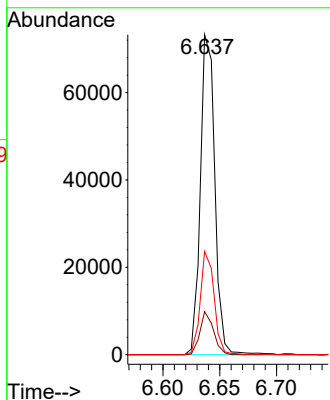
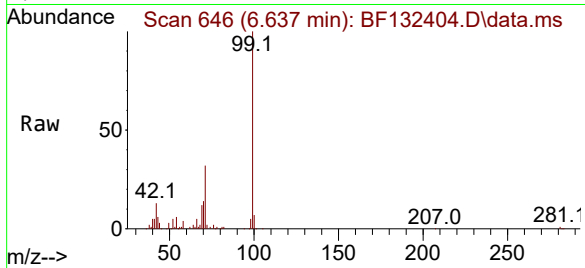




#7
Phenol-d6
Concen: 9.811 ng
RT: 6.637 min Scan# 64
Delta R.T. -0.018 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

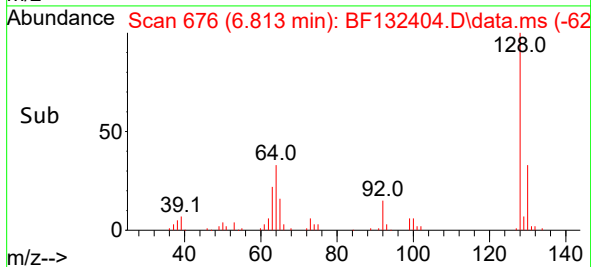
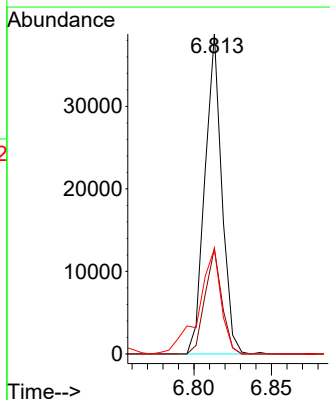
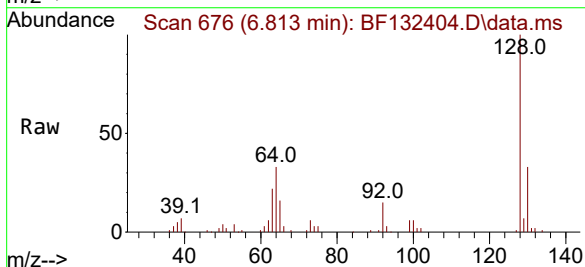
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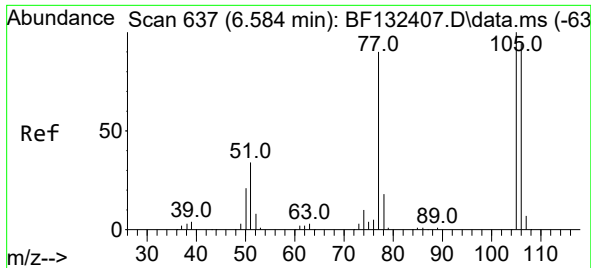
Tgt Ion: 99 Resp: 65010
Ion Ratio Lower Upper
99 100
42 13.5 10.1 15.1
71 32.3 26.8 40.2



#8
2-Chlorophenol
Concen: 5.273 ng
RT: 6.813 min Scan# 676
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion: 128 Resp: 29355
Ion Ratio Lower Upper
128 100
130 33.0 12.0 52.0
64 32.8 12.3 52.3

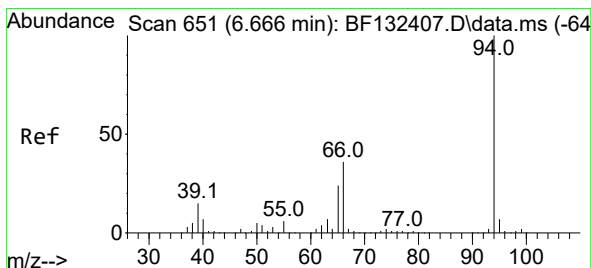
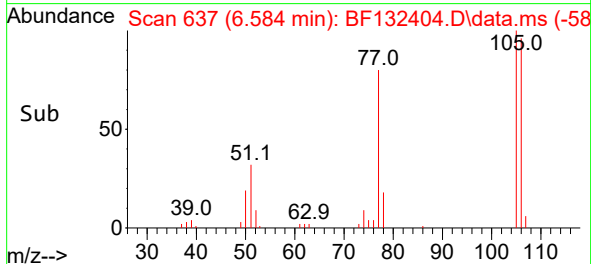
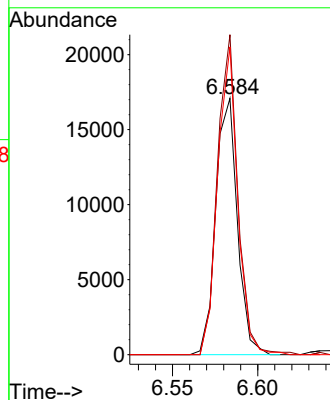
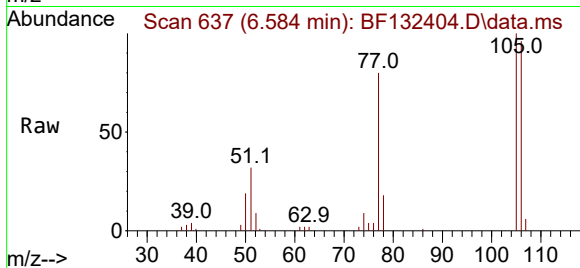




#9
Benzaldehyde
Concen: 3.726 ng
RT: 6.584 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

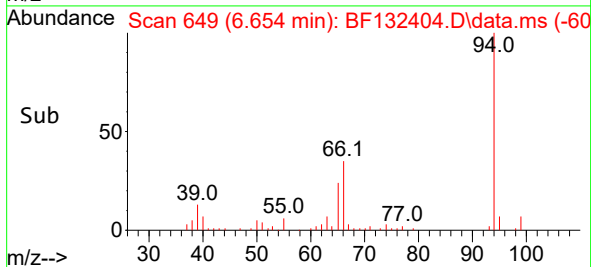
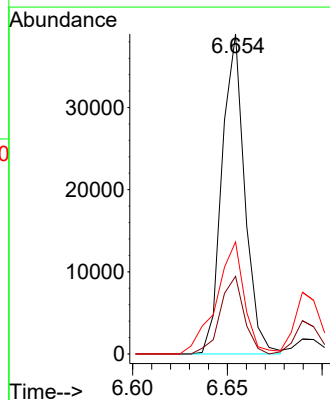
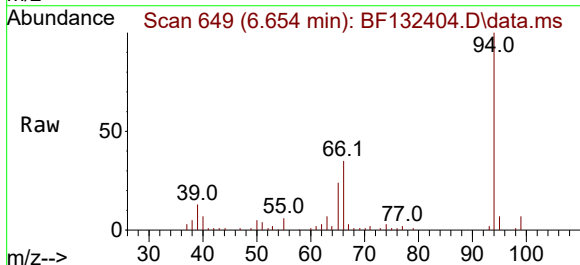
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ClientSampleId :

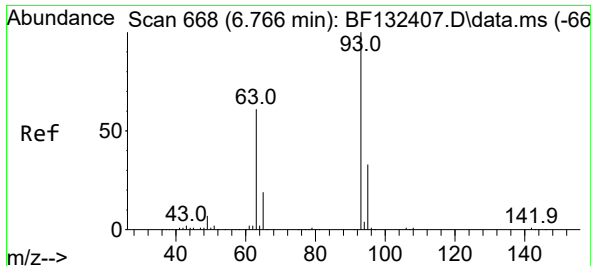
Tgt Ion: 77	Resp: 15068
Ion Ratio	Lower Upper
77	100
105	124.9 91.1 131.1
106	120.1 84.2 124.2



#10
Phenol
Concen: 4.758 ng
RT: 6.654 min Scan# 649
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion: 94	Resp: 32632
Ion Ratio	Lower Upper
94	100
65	24.3 4.3 44.3
66	35.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 6.903 ng

RT: 6.754 min Scan# 61

Delta R.T. -0.012 min

Lab File: BF132404.D

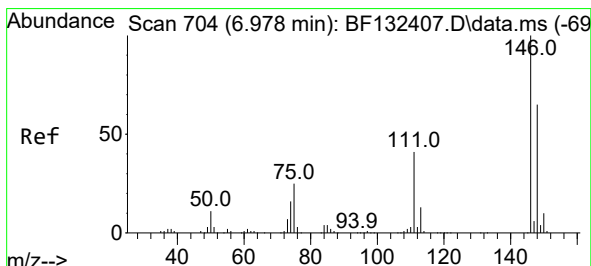
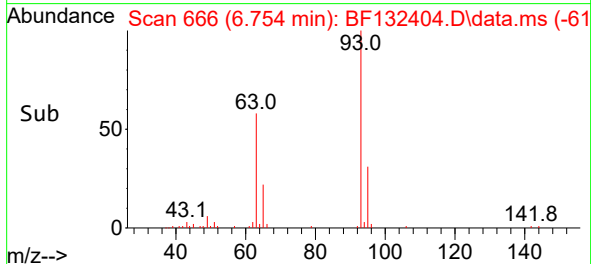
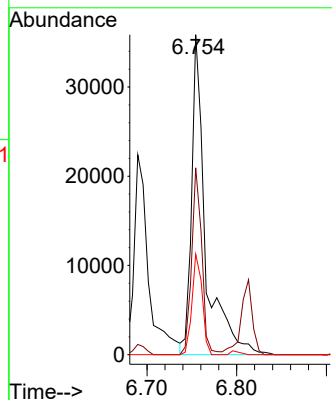
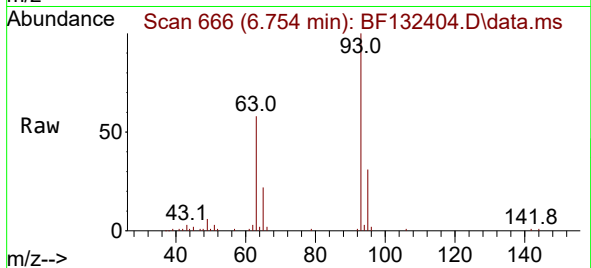
Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 93	Resp: 38965
Ion Ratio	Lower Upper
93	100
63	58.4 37.9 77.9
95	31.4 11.7 51.7



#12

1,3-Dichlorobenzene

Concen: 5.496 ng

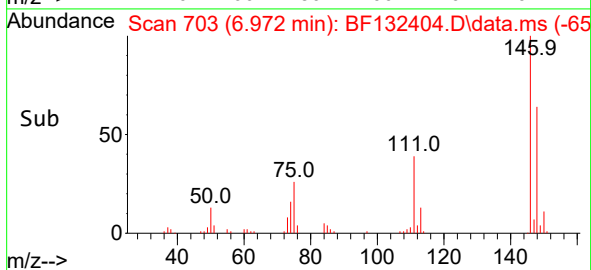
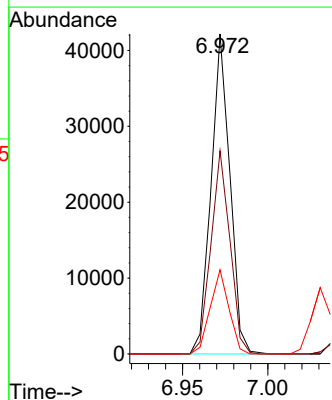
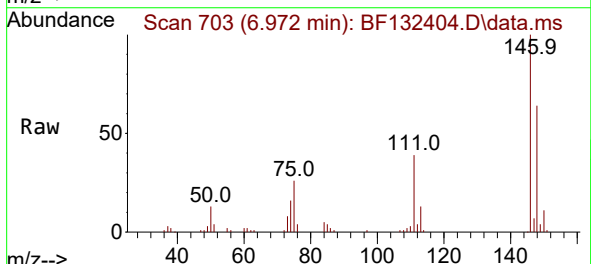
RT: 6.972 min Scan# 703

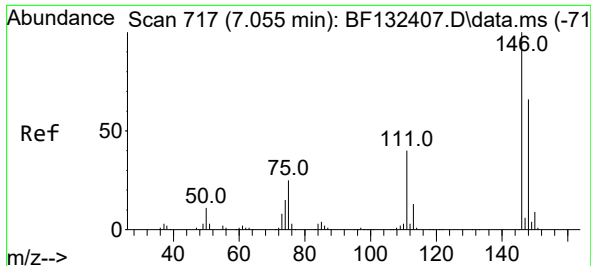
Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Tgt Ion: 146	Resp: 32360
Ion Ratio	Lower Upper
146	100
148	63.5 52.2 78.4
75	26.3 20.0 30.0





#13

1,4-Dichlorobenzene

Concen: 5.535 ng

RT: 7.048 min Scan# 716

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

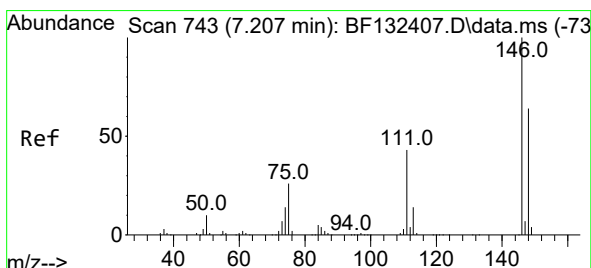
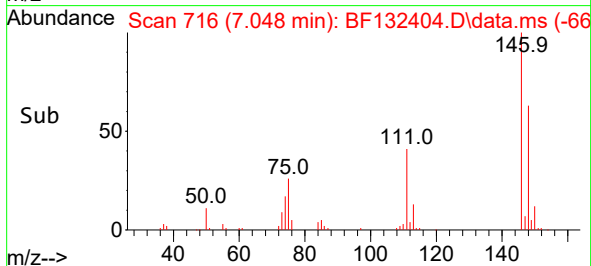
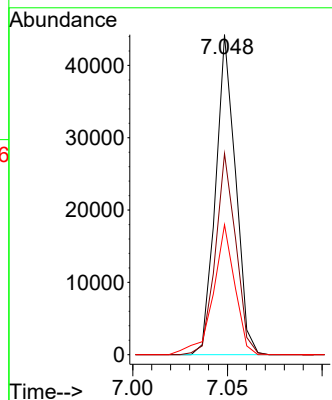
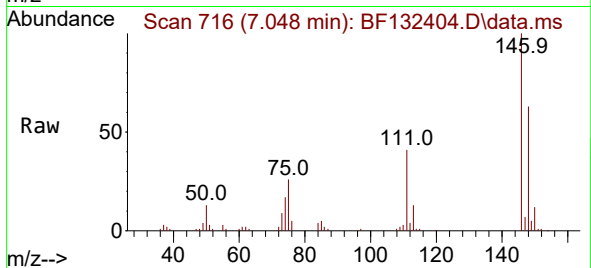
Tgt Ion:146 Resp: 32530

Ion Ratio Lower Upper

146 100

148 62.8 52.4 78.6

111 40.6 32.2 48.2



#14

1,2-Dichlorobenzene

Concen: 5.525 ng

RT: 7.201 min Scan# 742

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

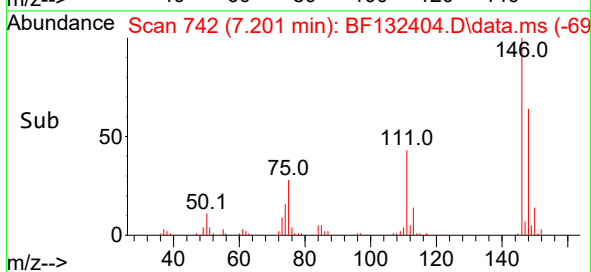
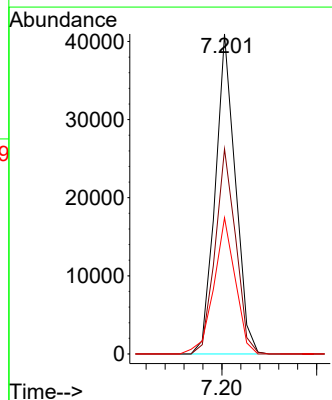
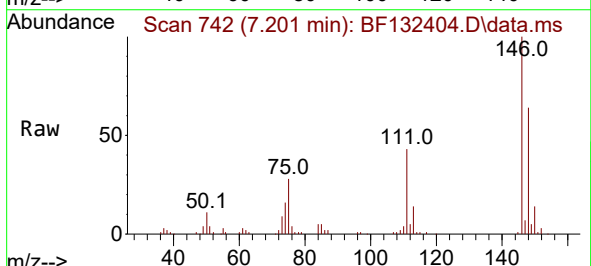
Tgt Ion:146 Resp: 30279

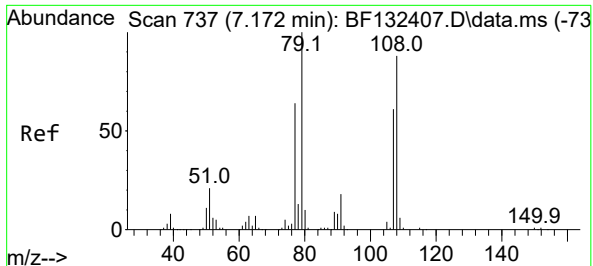
Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

111 42.5 34.2 51.4





#15

Benzyl Alcohol

Concen: 2.934 ng

RT: 7.160 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

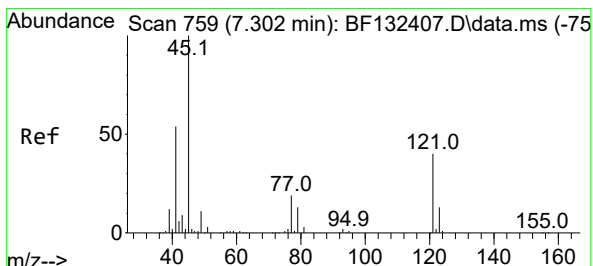
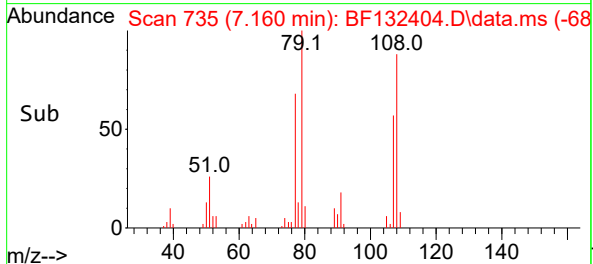
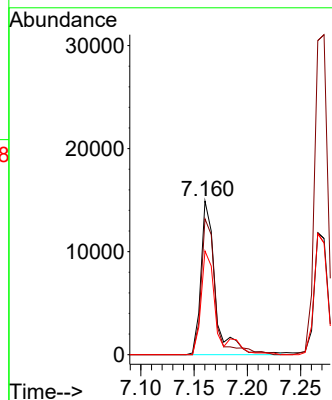
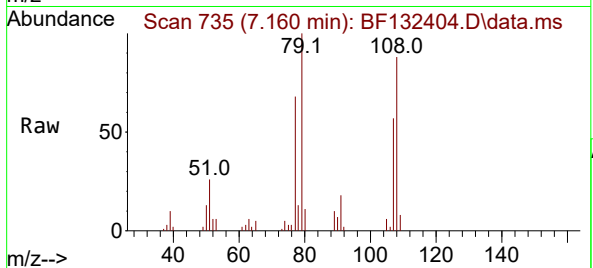
Tgt Ion: 79 Resp: 14187

Ion Ratio Lower Upper

79 100

108 88.5 70.2 105.2

77 67.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.822 ng

RT: 7.301 min Scan# 759

Delta R.T. -0.000 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

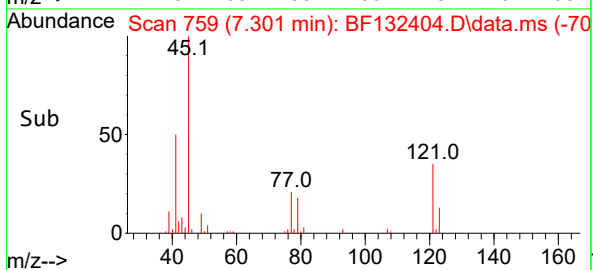
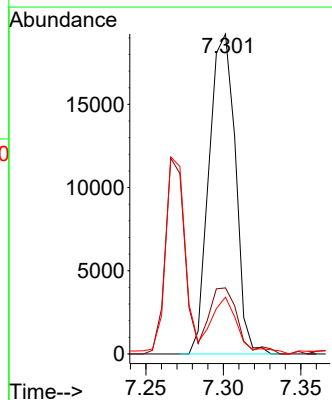
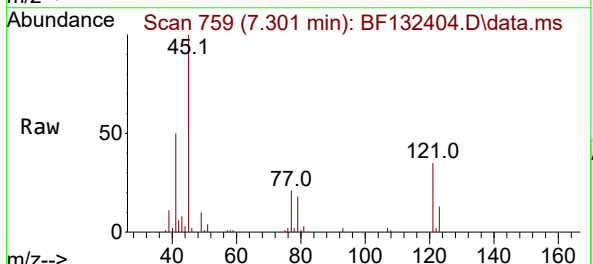
Tgt Ion: 45 Resp: 22729

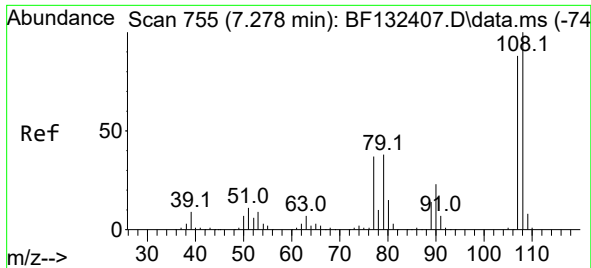
Ion Ratio Lower Upper

45 100

77 20.6 1.3 41.3

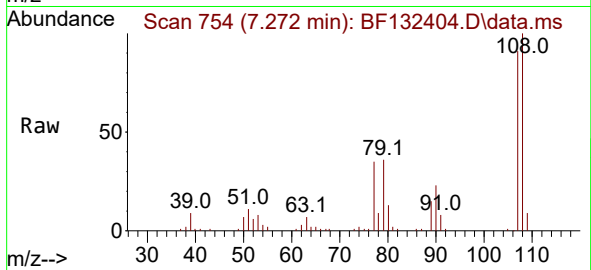
79 17.8 0.0 35.9



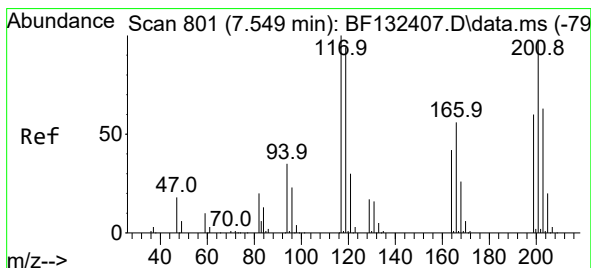
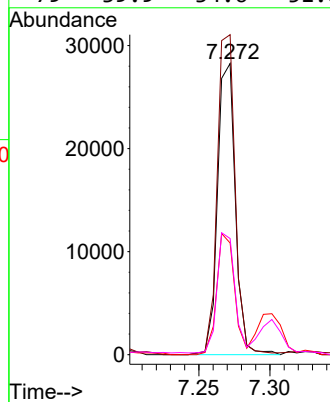
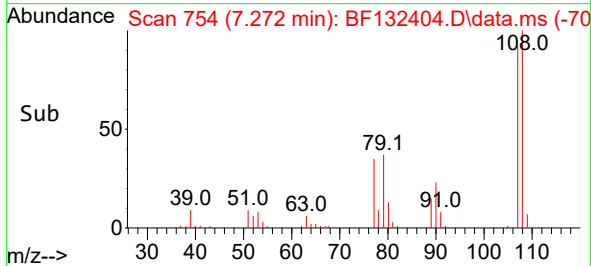


#17
2-Methylphenol
Concen: 5.049 ng
RT: 7.272 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :

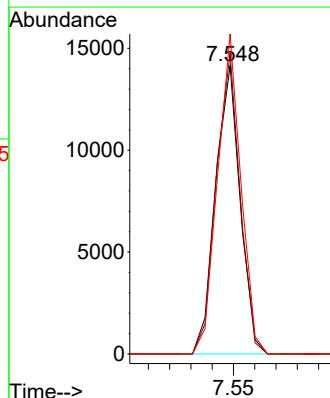
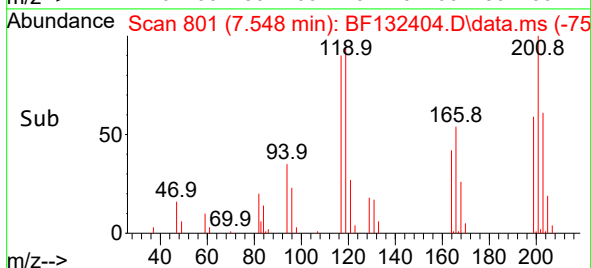
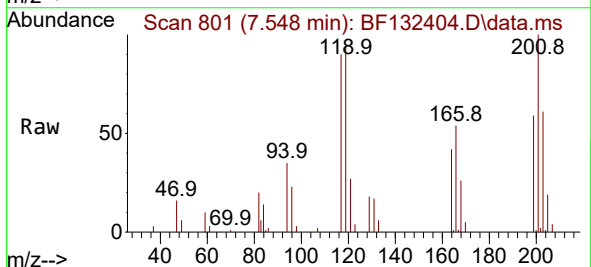


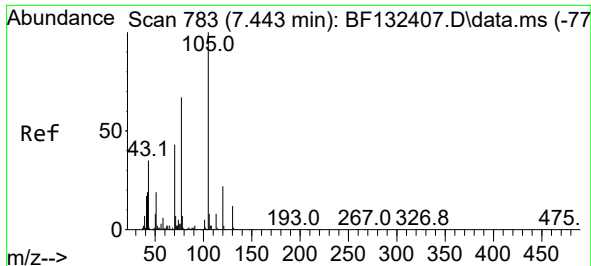
Tgt Ion:	107	Resp:	24605
Ion	Ratio	Lower	Upper
107	100		
108	109.9	90.6	135.8
77	38.4	33.8	50.8
79	39.9	34.6	51.8



#18
Hexachloroethane
Concen: 5.126 ng
RT: 7.548 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:	117	Resp:	11302
Ion	Ratio	Lower	Upper
117	100		
119	104.5	75.3	112.9
201	111.0	78.7	118.1

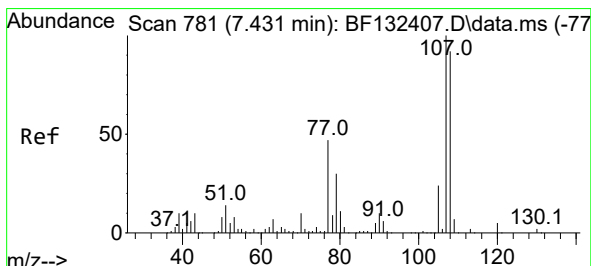
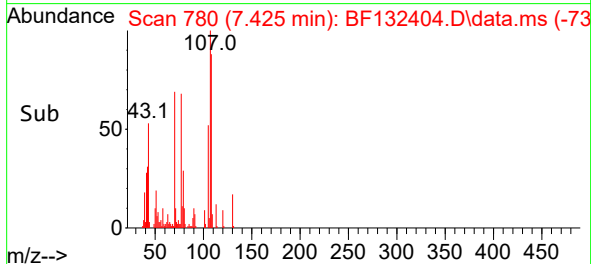
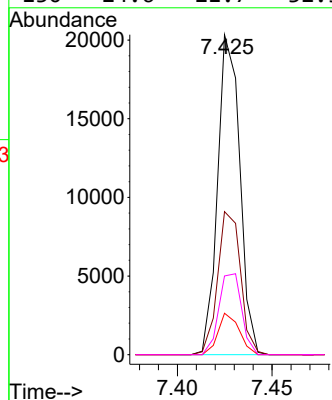
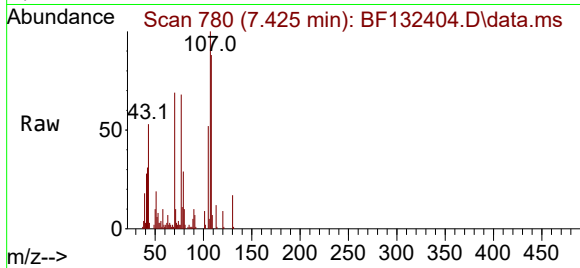




#19
n-Nitroso-di-n-propylamine
Concen: 4.413 ng
RT: 7.425 min Scan# 710
Delta R.T. -0.018 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

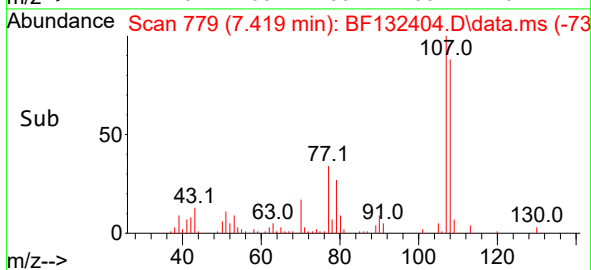
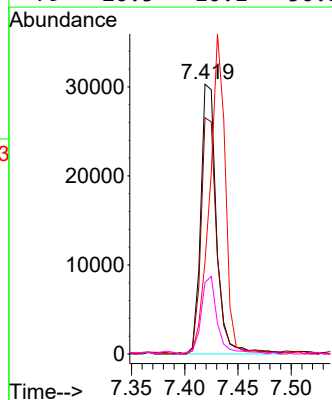
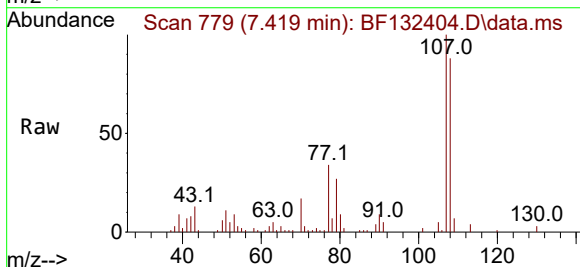
Instrument :
BNA_F
ClientSampleId :

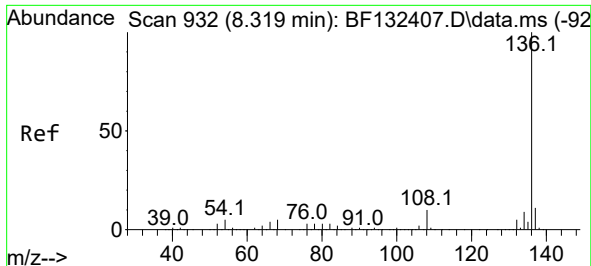
Tgt Ion: 70 Resp: 16610
Ion Ratio Lower Upper
70 100
42 44.7 36.0 54.0
101 13.0 9.4 14.2
130 24.6 21.7 32.5



#20
3+4-Methylphenols
Concen: 5.041 ng
RT: 7.419 min Scan# 779
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

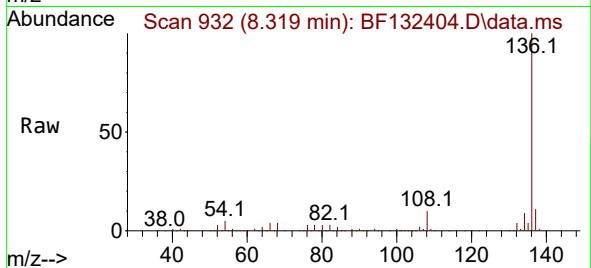
Tgt Ion: 107 Resp: 31349
Ion Ratio Lower Upper
107 100
108 87.6 72.0 112.0
77 34.1 27.4 67.4
79 26.5 10.1 50.1



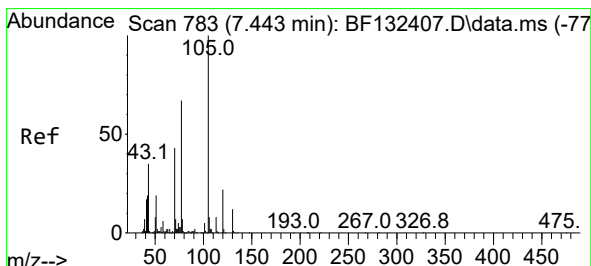
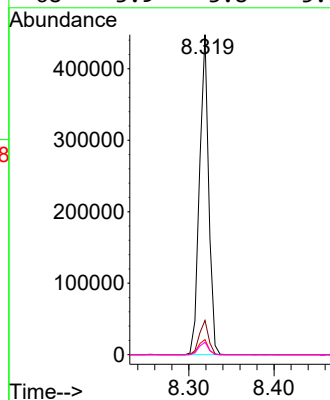
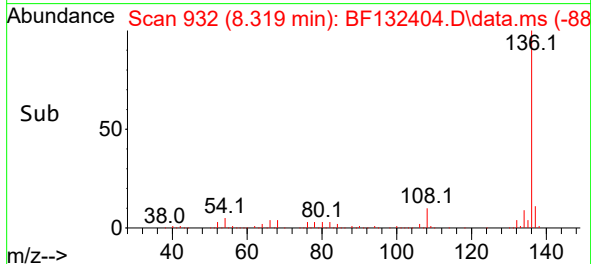


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

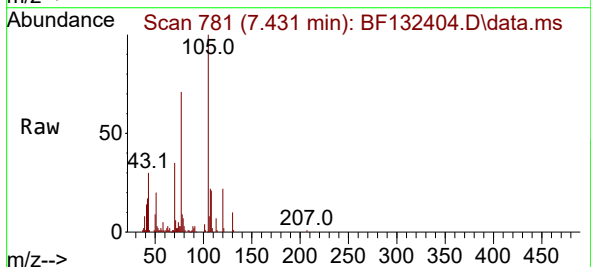
Instrument :
BNA_F
ClientSampleId :



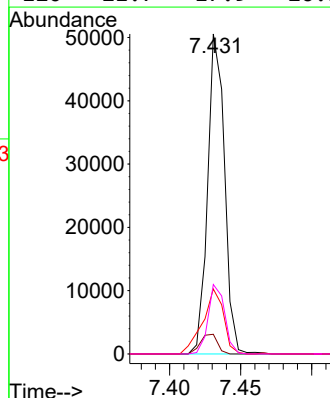
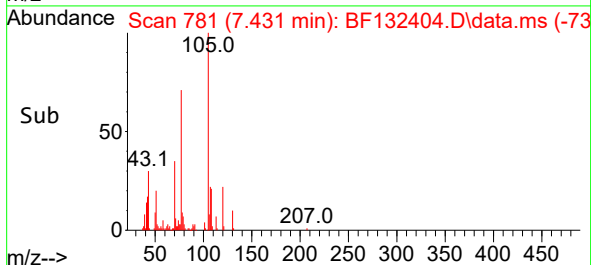
Tgt Ion:136 Resp: 335316
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 4.7 4.2 6.2
68 3.9 3.8 5.6

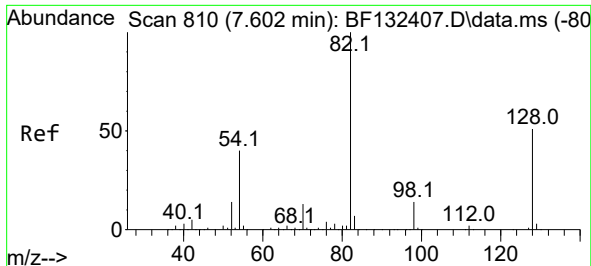


#22
Acetophenone
Concen: 5.320 ng
RT: 7.431 min Scan# 781
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49



Tgt Ion:105 Resp: 41949
Ion Ratio Lower Upper
105 100
71 6.2 5.4 8.2
51 20.3 14.9 22.3
120 21.7 17.9 26.9

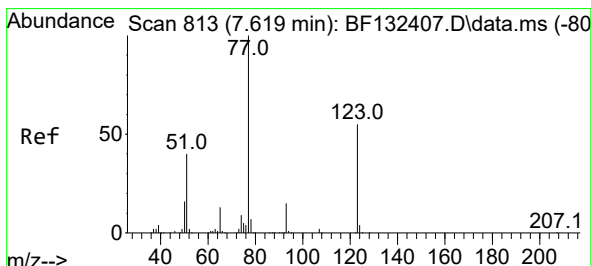
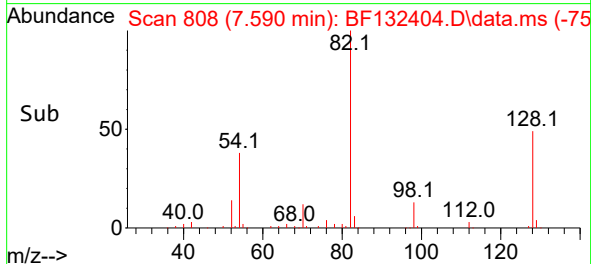
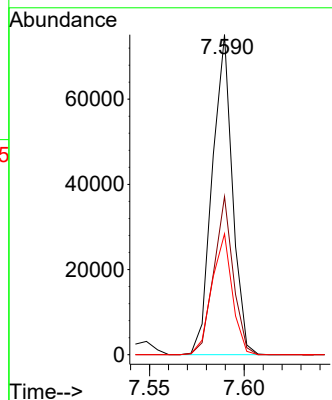
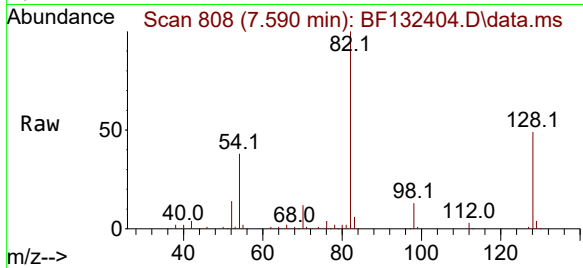




#23
Nitrobenzene-d5
Concen: 9.232 ng
RT: 7.590 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

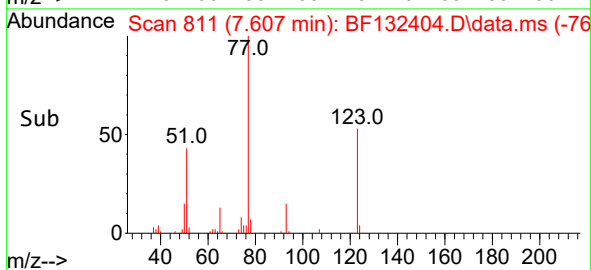
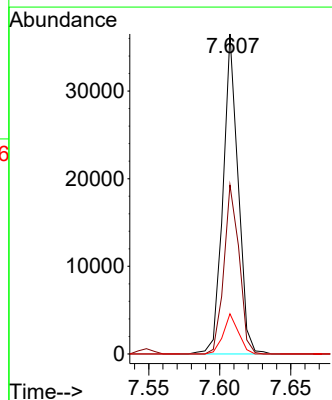
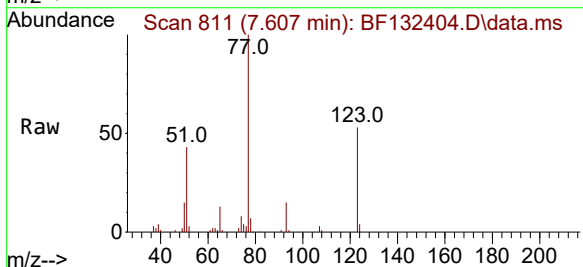
Instrument :
BNA_F
ClientSampleId :

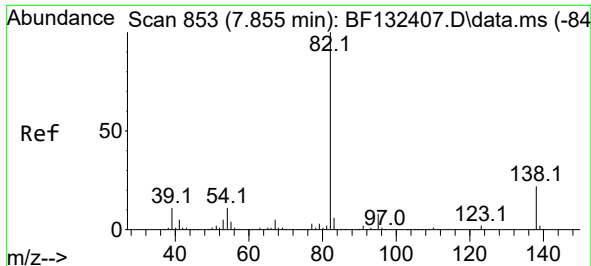
Tgt Ion: 82 Resp: 55627
Ion Ratio Lower Upper
82 100
128 49.4 40.7 61.1
54 37.7 32.3 48.5



#24
Nitrobenzene
Concen: 4.374 ng
RT: 7.607 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion: 77 Resp: 26924
Ion Ratio Lower Upper
77 100
123 52.8 43.6 65.4
65 12.5 10.3 15.5

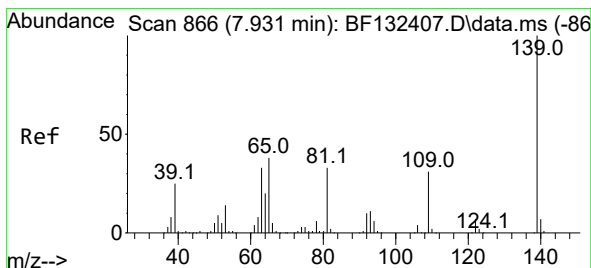
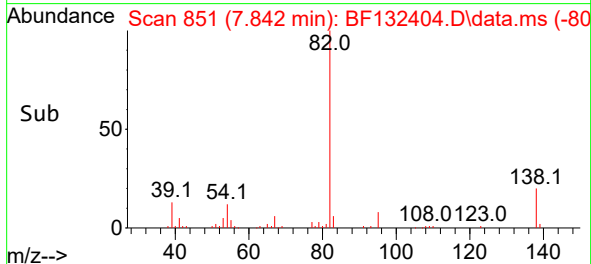
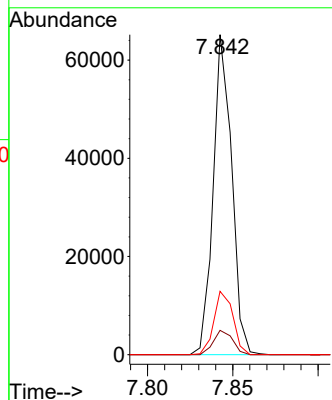
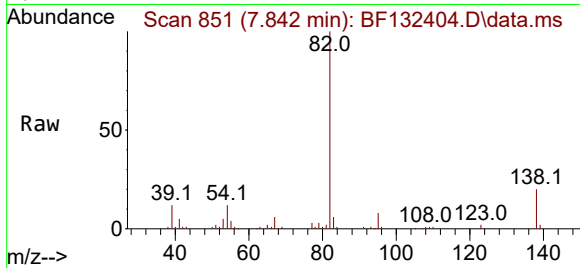




#25
Isophorone
Concen: 4.302 ng
RT: 7.842 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

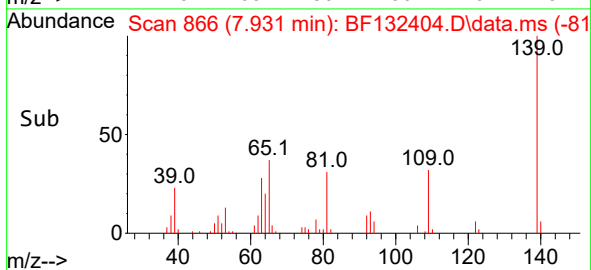
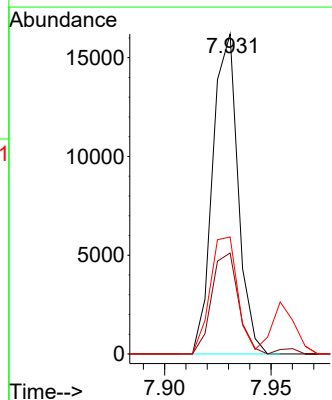
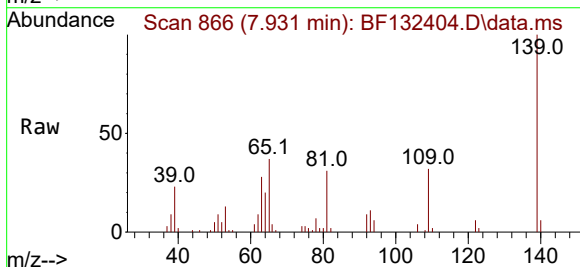
Instrument :
BNA_F
ClientSampleId :

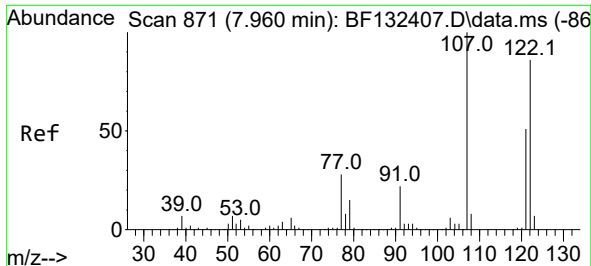
Tgt Ion: 82 Resp: 49196
Ion Ratio Lower Upper
82 100
95 7.6 6.6 9.8
138 19.8 17.2 25.8



#26
2-Nitrophenol
Concen: 4.469 ng
RT: 7.931 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:139 Resp: 13399
Ion Ratio Lower Upper
139 100
109 31.5 25.2 37.8
65 36.6 30.6 45.8





#27

2,4-Dimethylphenol

Concen: 4.709 ng

RT: 7.954 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

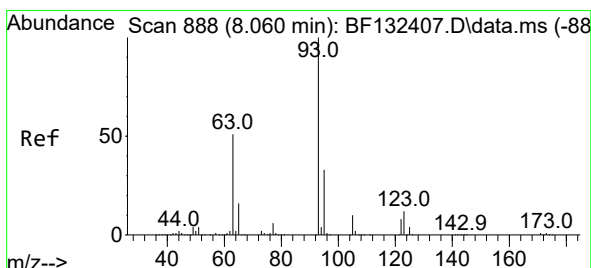
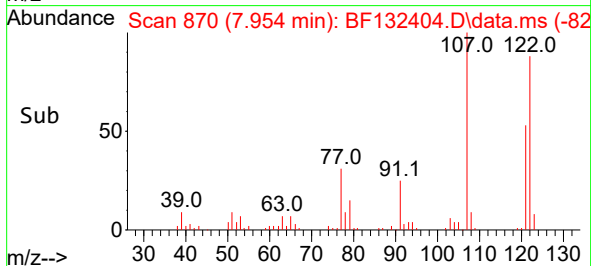
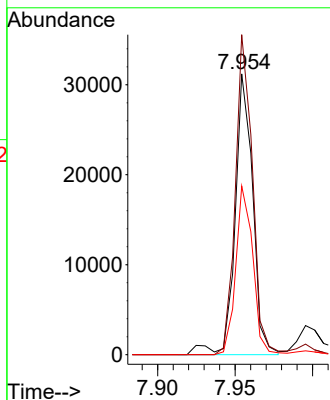
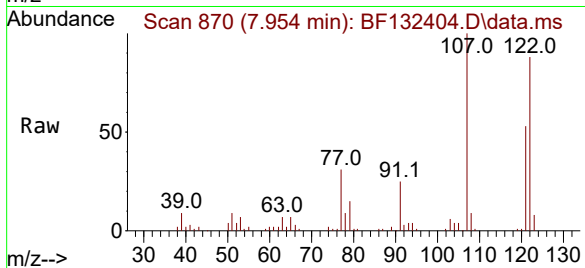
Tgt Ion:122 Resp: 24717

Ion Ratio Lower Upper

122 100

107 114.0 93.2 139.8

121 60.1 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 4.627 ng

RT: 8.054 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

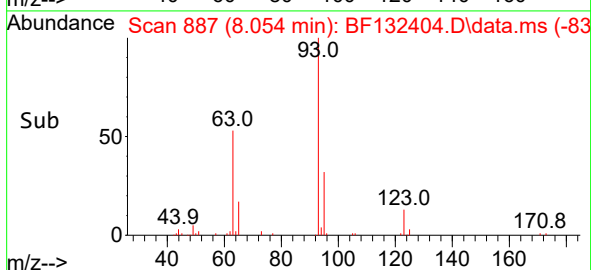
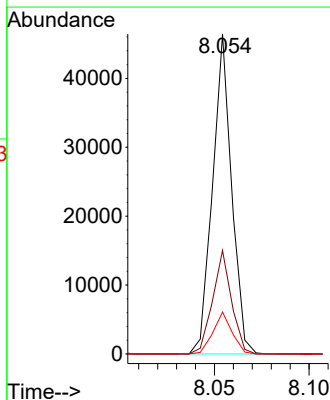
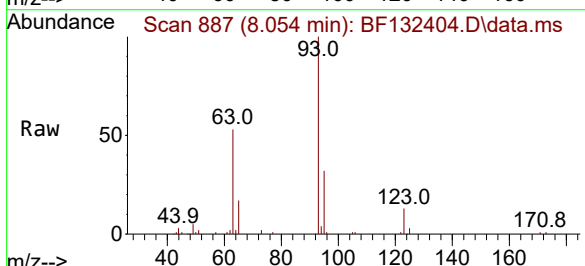
Tgt Ion: 93 Resp: 32522

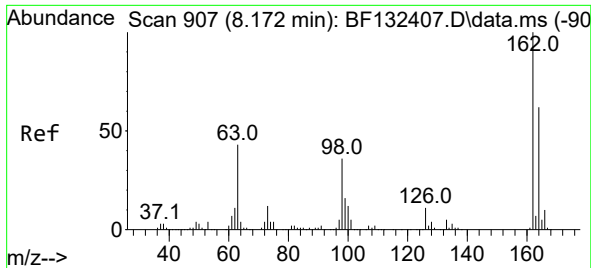
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 13.1 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 5.059 ng

RT: 8.172 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

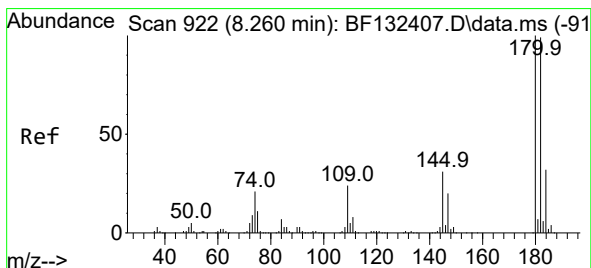
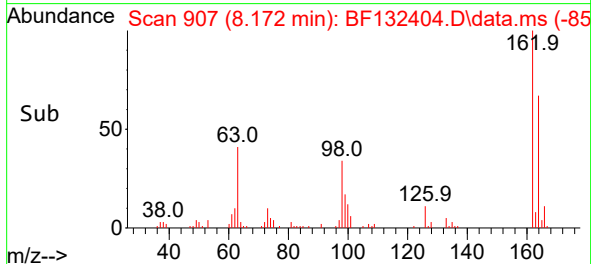
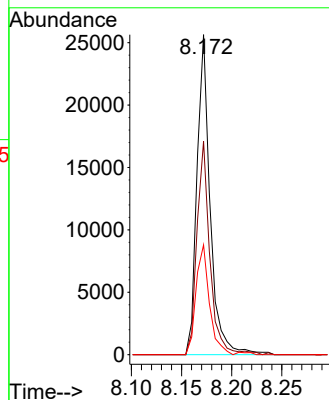
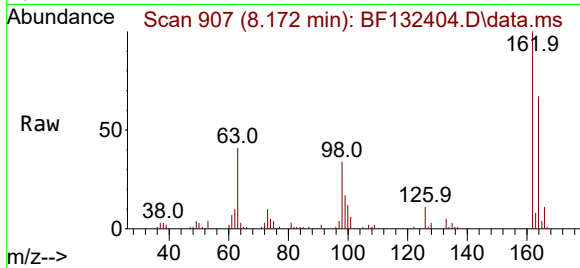
Tgt Ion:162 Resp: 23573

Ion Ratio Lower Upper

162 100

164 66.7 42.4 82.4

98 34.3 16.4 56.4



#30

1,2,4-Trichlorobenzene

Concen: 5.586 ng

RT: 8.254 min Scan# 921

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

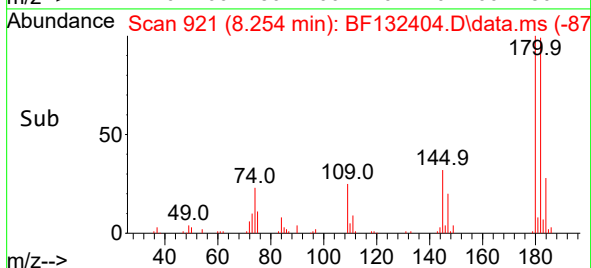
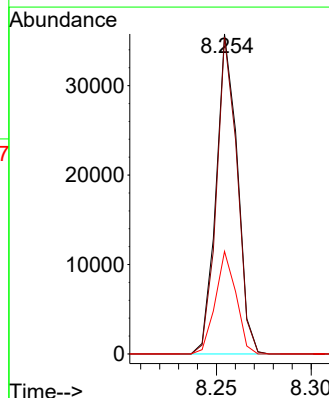
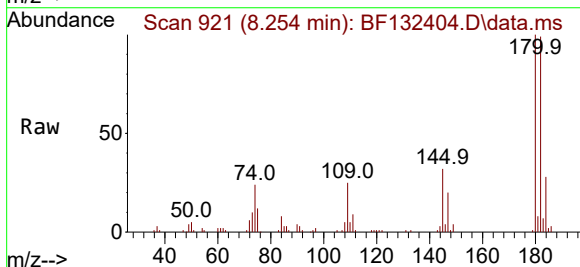
Tgt Ion:180 Resp: 27876

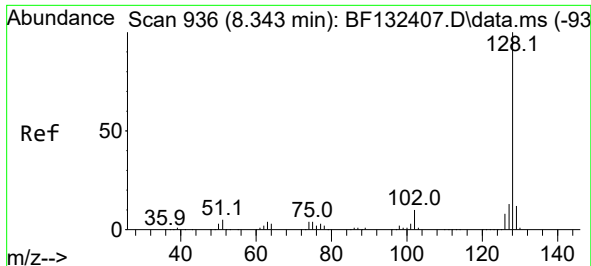
Ion Ratio Lower Upper

180 100

182 99.1 79.0 118.6

145 32.0 24.9 37.3





#31

Naphthalene

Concen: 5.436 ng

RT: 8.337 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

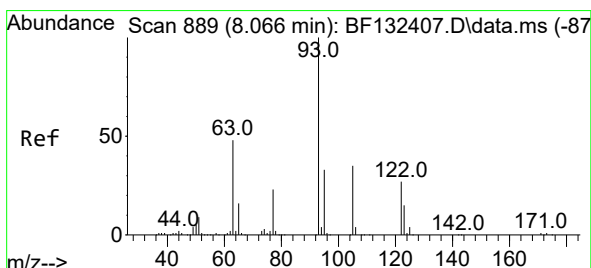
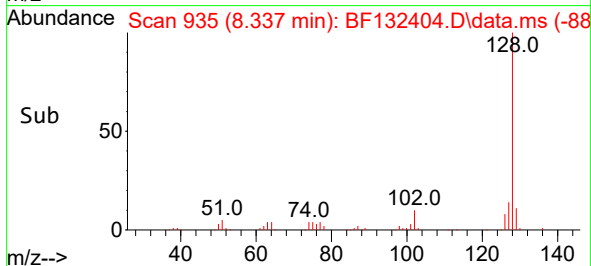
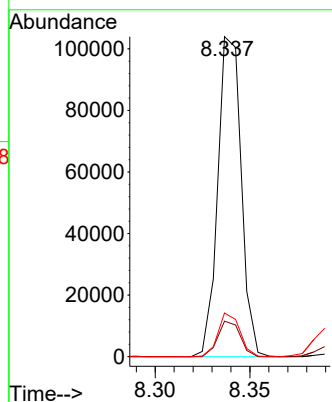
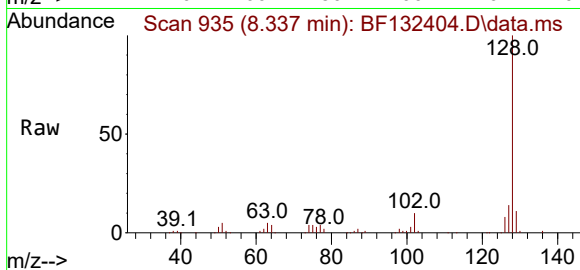
Tgt Ion:128 Resp: 89729

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

127 13.6 10.5 15.7



#32

Benzoic acid

Concen: 1.051 ng

RT: 7.995 min Scan# 877

Delta R.T. -0.071 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

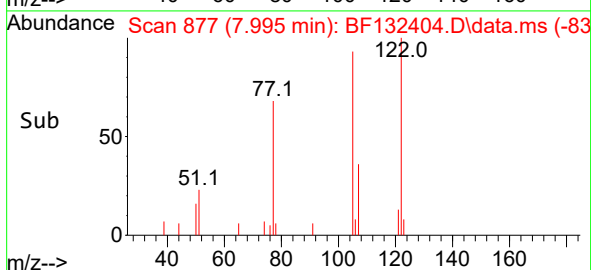
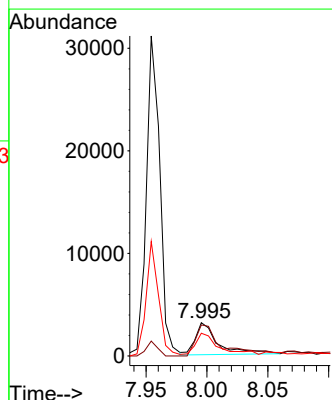
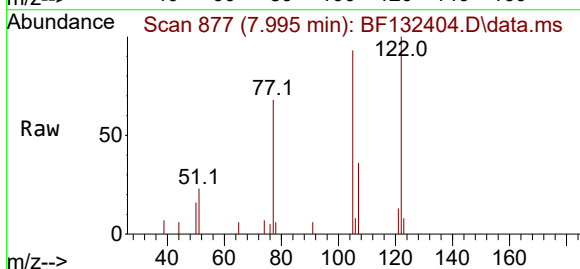
Tgt Ion:122 Resp: 4084

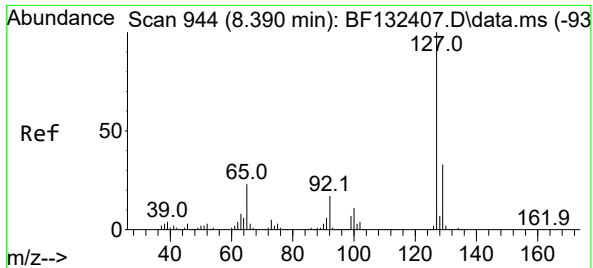
Ion Ratio Lower Upper

122 100

105 93.3 101.9 141.9#

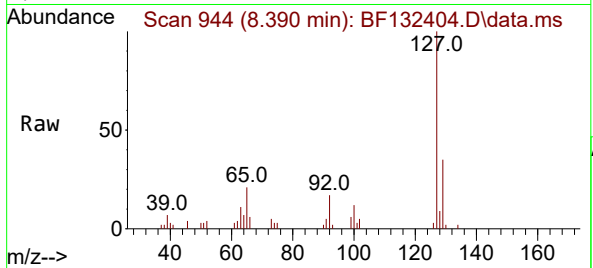
77 68.2 61.1 101.1



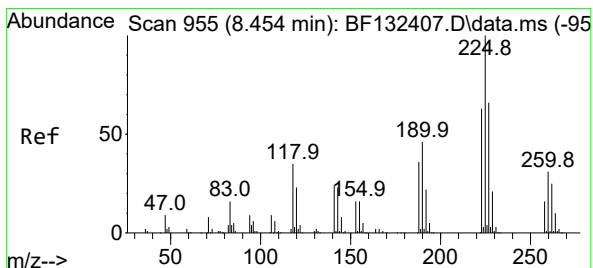
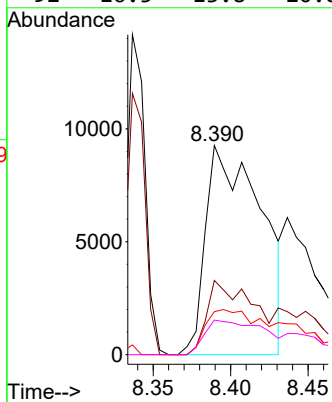


#33
4-Chloroaniline
Concen: 3.142 ng
RT: 8.390 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :

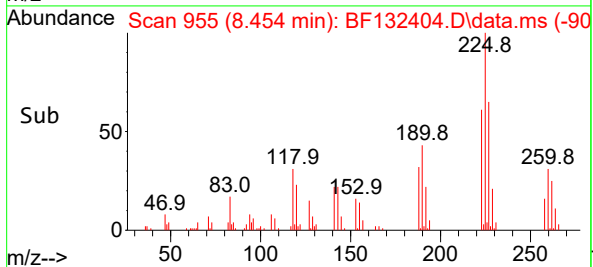
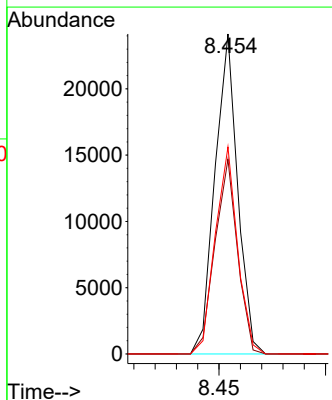
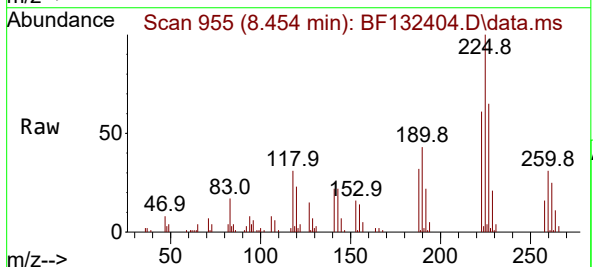


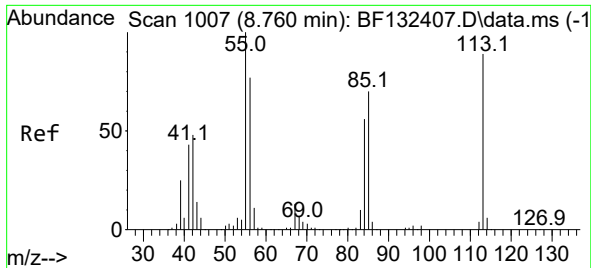
Tgt Ion:	127	Resp:	22994
Ion	Ratio	Lower	Upper
127	100		
129	35.5	26.3	39.5
65	20.5	18.0	27.0
92	16.5	13.8	20.8



#34
Hexachlorobutadiene
Concen: 6.351 ng
RT: 8.454 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

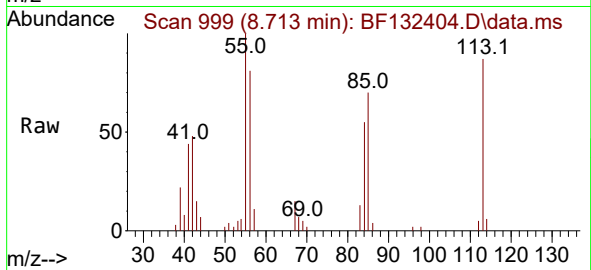
Tgt Ion:	225	Resp:	17817
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.2	75.4
227	64.7	53.0	79.4



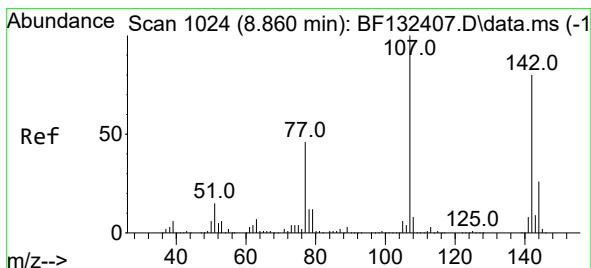
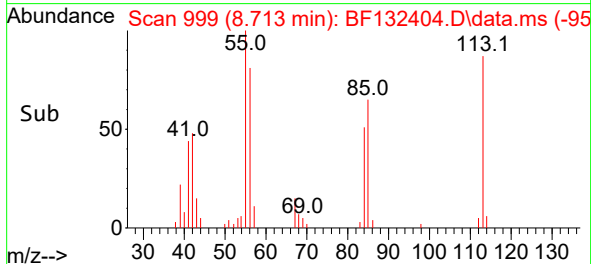
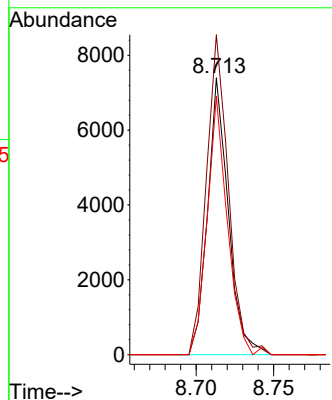


#35
Caprolactam
Concen: 4.337 ng
RT: 8.713 min Scan# 999
Delta R.T. -0.047 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :

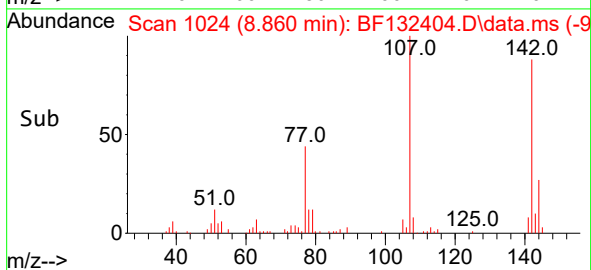
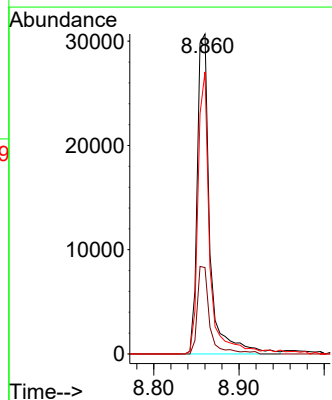
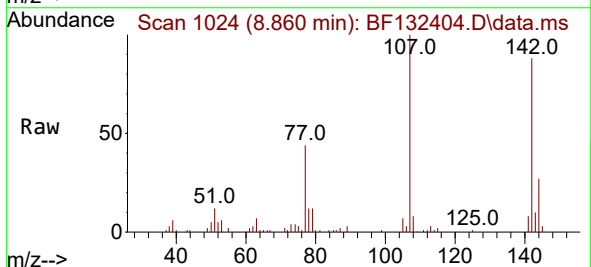


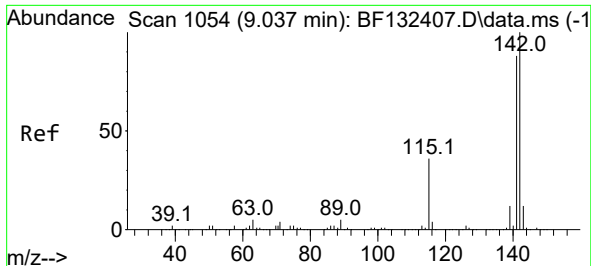
Tgt Ion:113 Resp: 6889
Ion Ratio Lower Upper
113 100
55 115.5 92.5 132.5
56 93.4 66.6 106.6



#36
4-Chloro-3-methylphenol
Concen: 6.331 ng
RT: 8.860 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:107 Resp: 31784
Ion Ratio Lower Upper
107 100
144 27.0 20.8 31.2
142 88.2 63.9 95.9

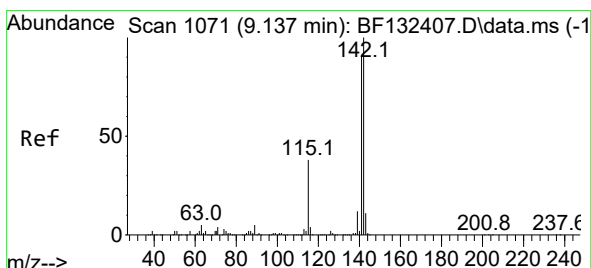
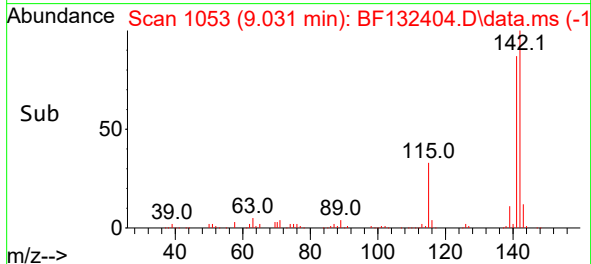
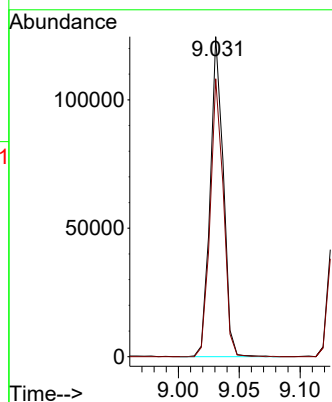
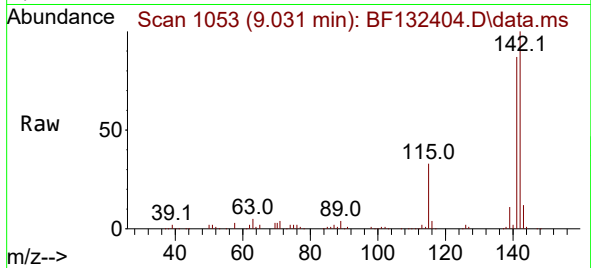




#37
2-Methylnaphthalene
Concen: 8.353 ng
RT: 9.031 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

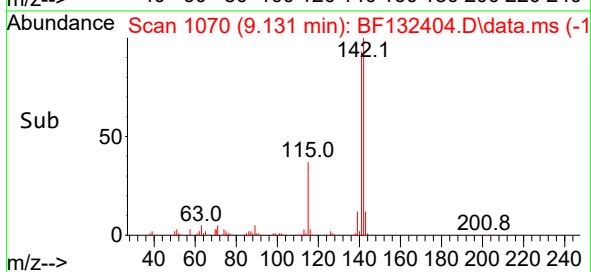
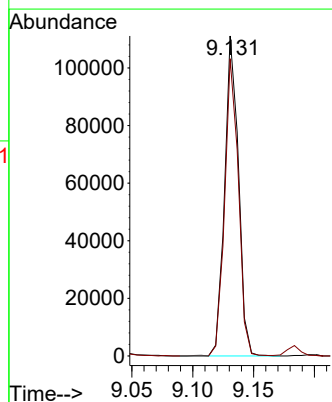
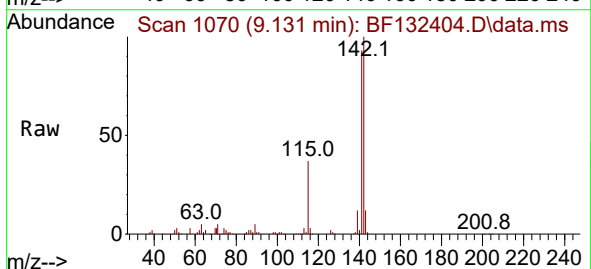
Instrument :
BNA_F
ClientSampleId :

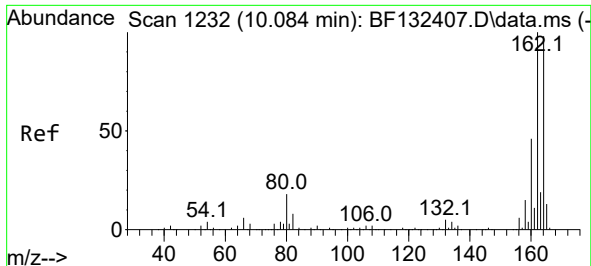
Tgt Ion:142 Resp: 93391
Ion Ratio Lower Upper
142 100
141 86.8 70.6 106.0



#38
1-Methylnaphthalene
Concen: 8.471 ng
RT: 9.131 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:142 Resp: 88009
Ion Ratio Lower Upper
142 100
141 92.9 72.7 109.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.084 min Scan# 11

Delta R.T. -0.000 min

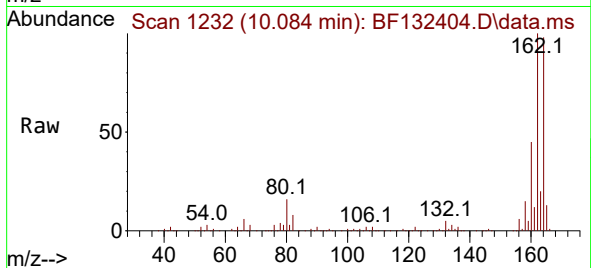
Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :



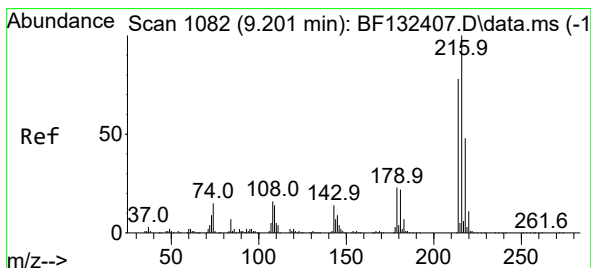
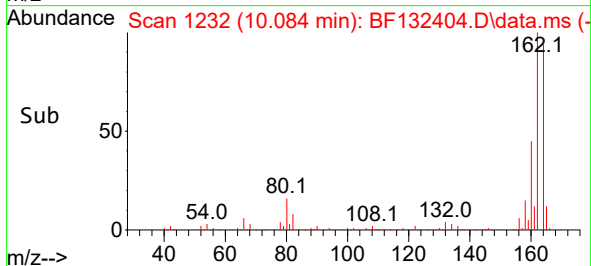
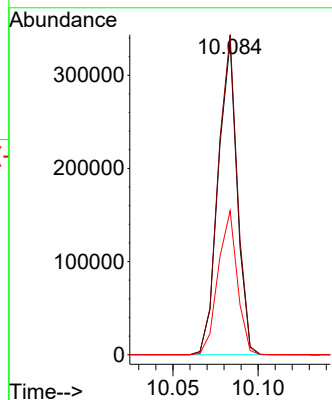
Tgt Ion:164 Resp: 260904

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.6

160 45.9 37.4 56.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.731 ng

RT: 9.195 min Scan# 1081

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Tgt Ion:216 Resp: 42075

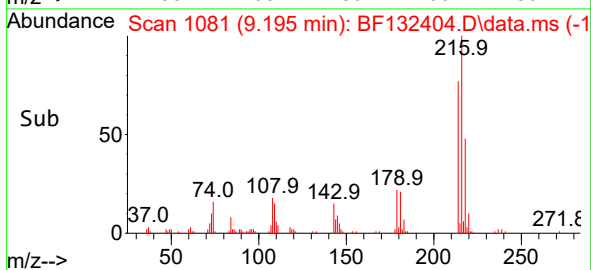
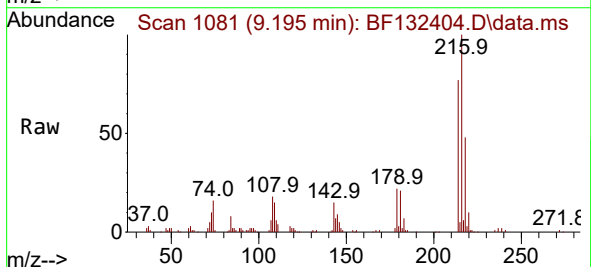
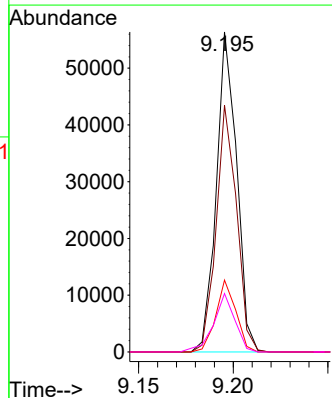
Ion Ratio Lower Upper

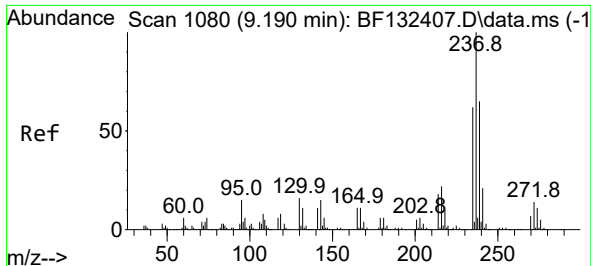
216 100

214 77.2 63.0 94.4

179 22.1 18.1 27.1

108 19.2 15.5 23.3

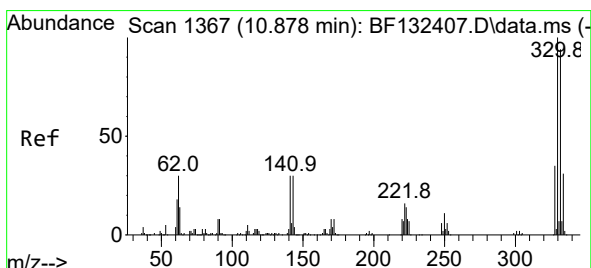
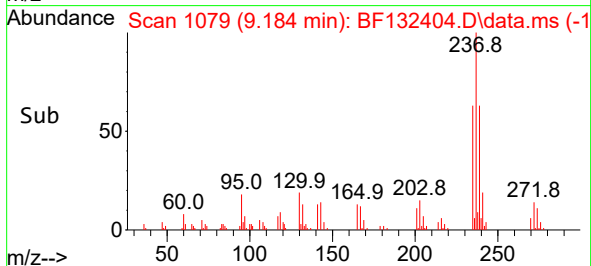
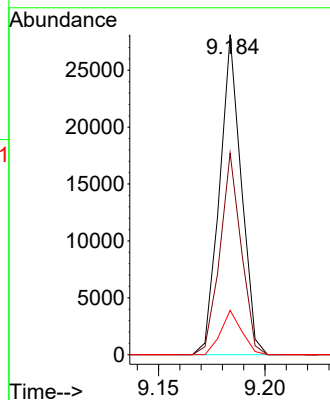
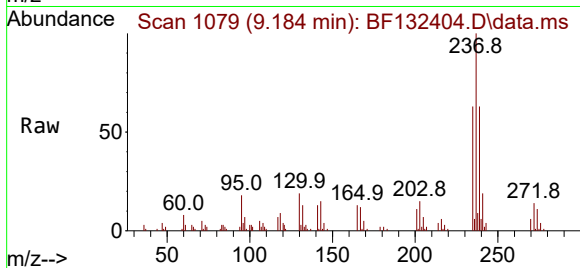




#41
Hexachlorocyclopentadiene
Concen: 4.641 ng
RT: 9.184 min Scan# 1080
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

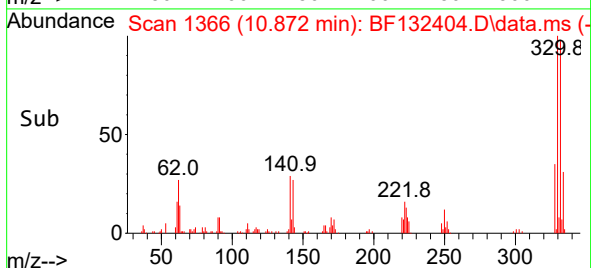
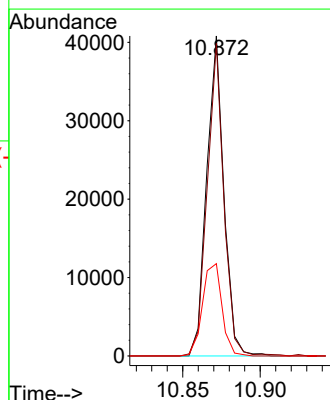
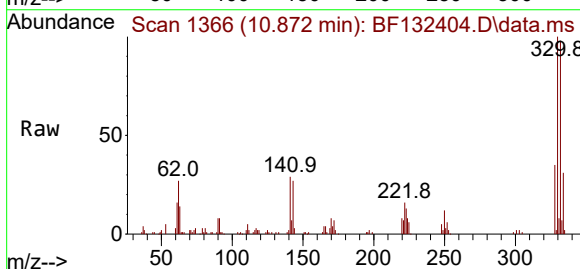
Instrument :
BNA_F
ClientSampleId :

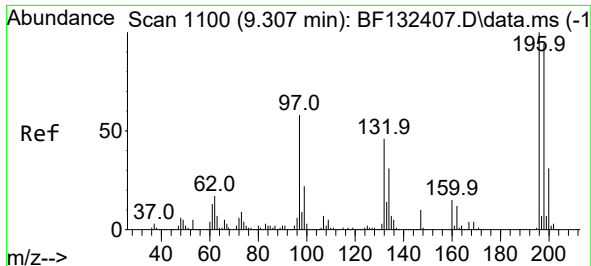
Tgt Ion:237 Resp: 19881
Ion Ratio Lower Upper
237 100
235 63.1 42.4 82.4
272 13.9 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 11.699 ng
RT: 10.872 min Scan# 1366
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

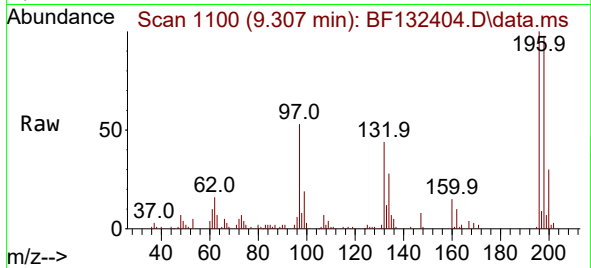
Tgt Ion:330 Resp: 31388
Ion Ratio Lower Upper
330 100
332 94.8 76.7 115.1
141 32.8 25.4 38.2



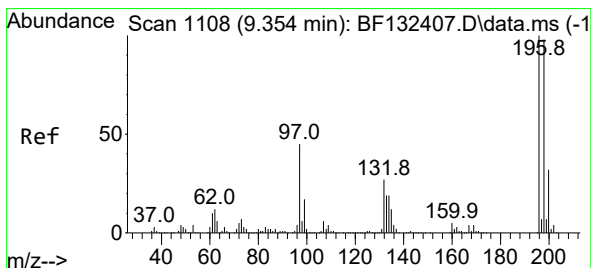
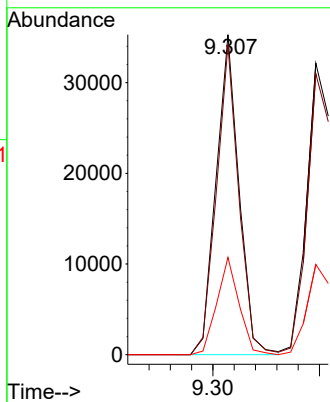
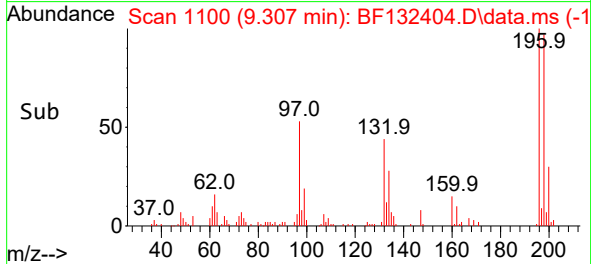


#43
2,4,6-Trichlorophenol
Concen: 5.004 ng
RT: 9.307 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

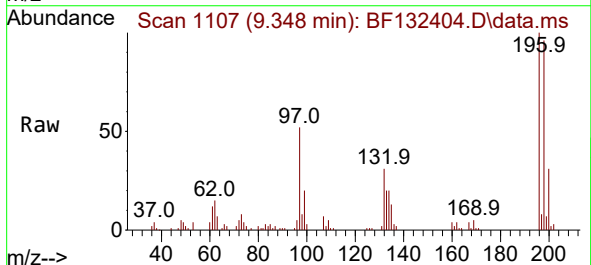
Instrument :
BNA_F
ClientSampleId :



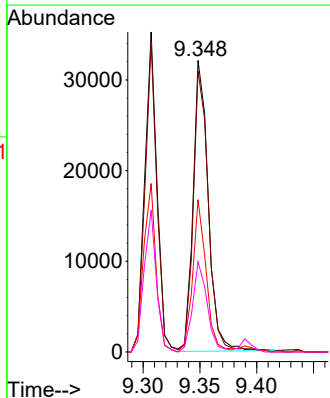
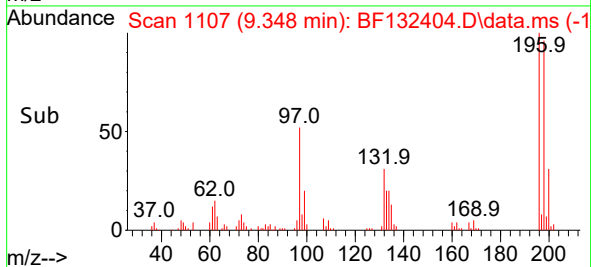
Tgt Ion:196 Resp: 26263
Ion Ratio Lower Upper
196 100
198 96.9 75.1 112.7
200 30.4 24.6 37.0

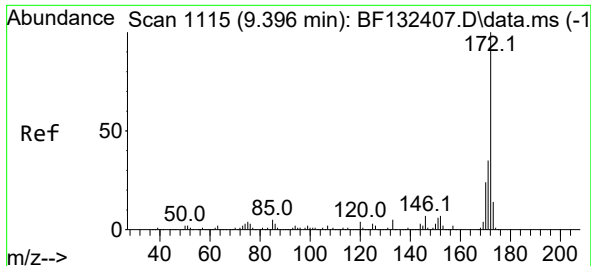


#44
2,4,5-Trichlorophenol
Concen: 4.944 ng
RT: 9.348 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49



Tgt Ion:196 Resp: 29868
Ion Ratio Lower Upper
196 100
198 96.4 78.0 117.0
97 52.2 35.6 53.4
132 31.0 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 11.863 ng

RT: 9.389 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

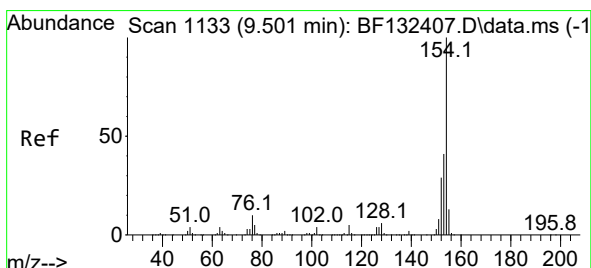
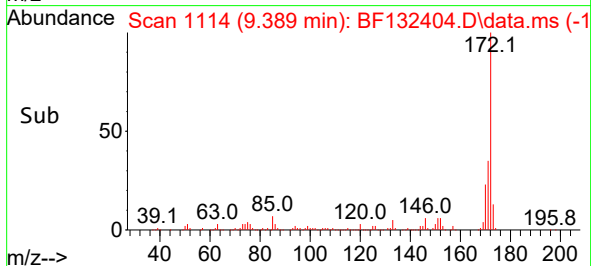
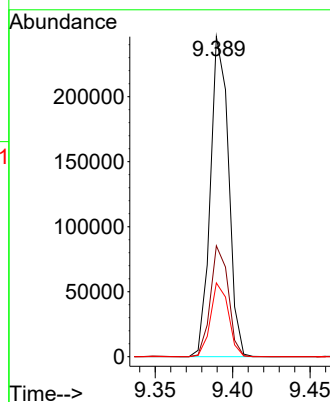
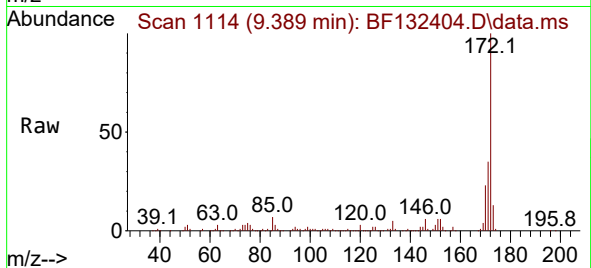
Tgt Ion:172 Resp: 200435

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.1 19.3 28.9



#46

1,1'-Biphenyl

Concen: 5.526 ng

RT: 9.495 min Scan# 1132

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

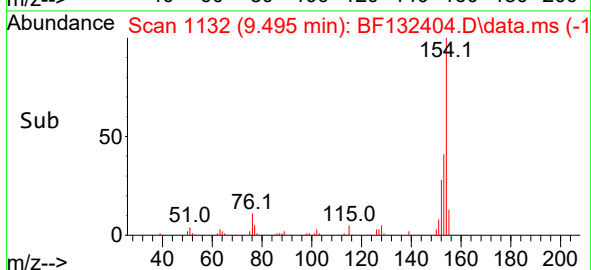
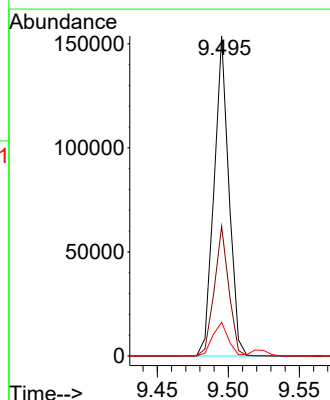
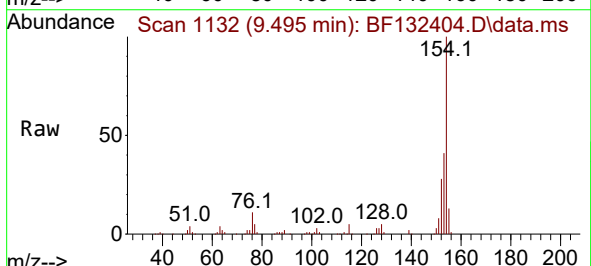
Tgt Ion:154 Resp: 111154

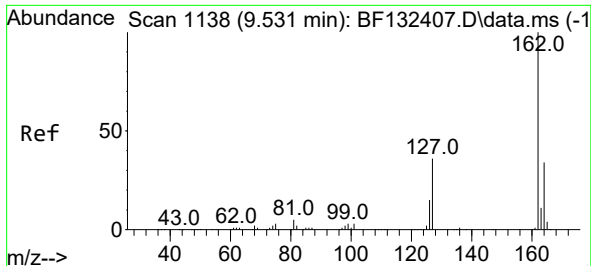
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 10.6 0.0 29.8





#47

2-Chloronaphthalene

Concen: 5.505 ng

RT: 9.525 min Scan# 1137

Delta R.T. -0.006 min

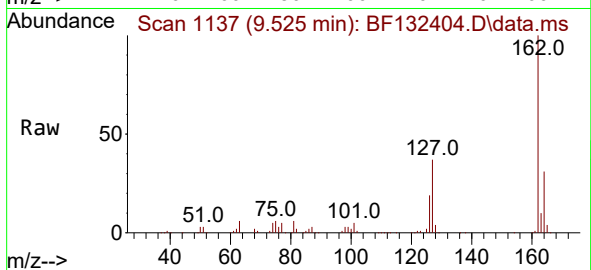
Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :



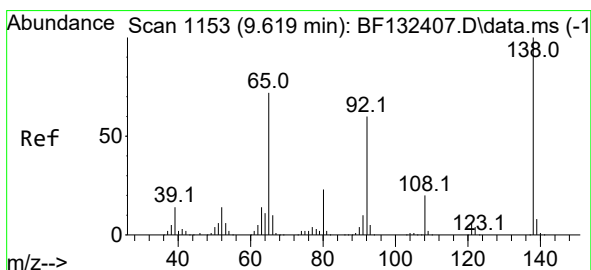
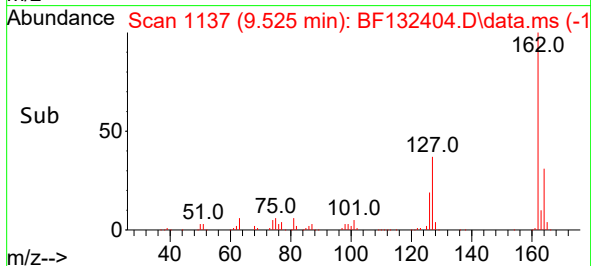
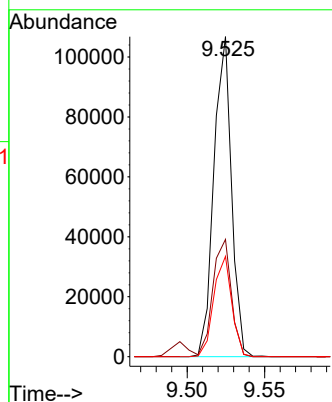
Tgt Ion:162 Resp: 84329

Ion Ratio Lower Upper

162 100

127 36.6 31.6 47.4

164 31.4 26.8 40.2



#48

2-Nitroaniline

Concen: 3.766 ng

RT: 9.613 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

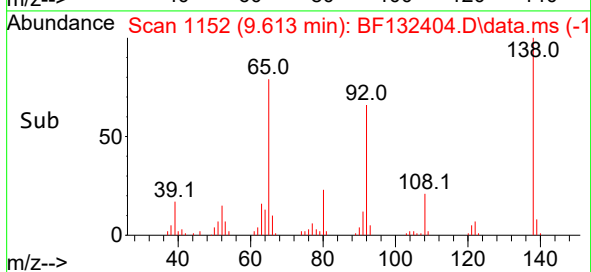
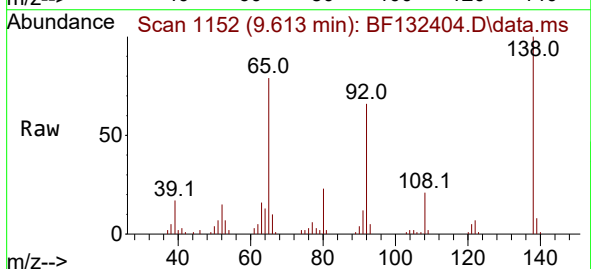
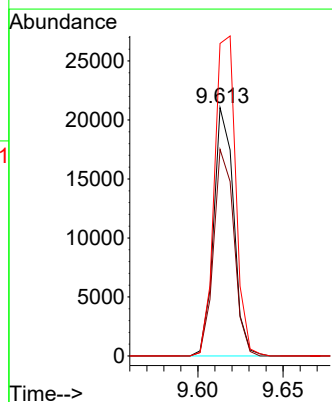
Tgt Ion: 65 Resp: 17160

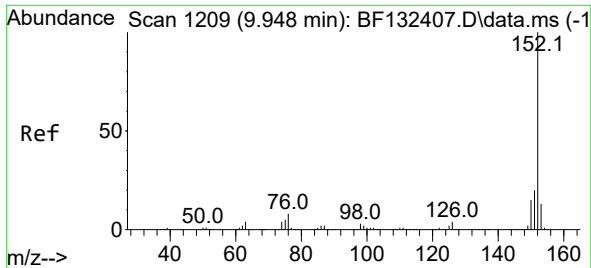
Ion Ratio Lower Upper

65 100

92 83.2 67.2 100.8

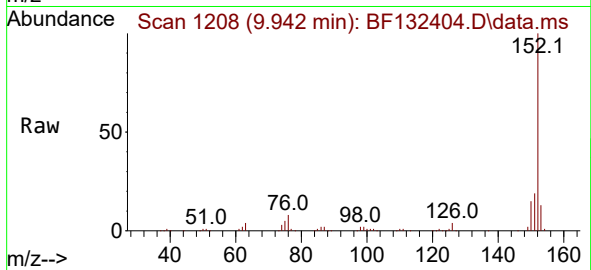
138 125.9 111.2 166.8



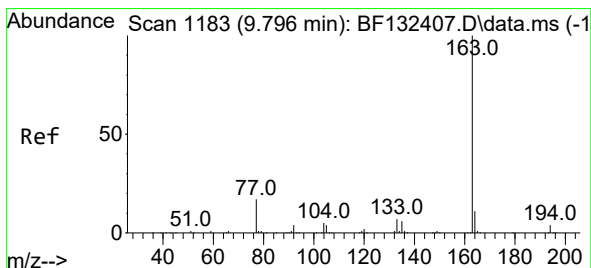
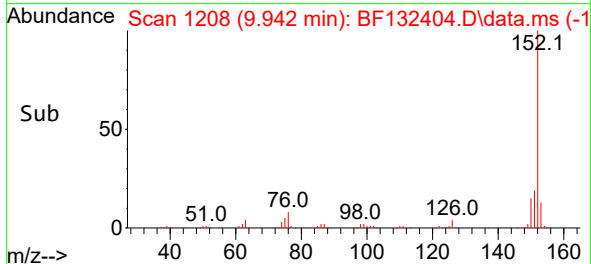
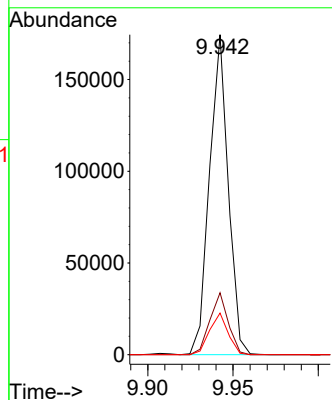


#49
Acenaphthylene
Concen: 5.353 ng
RT: 9.942 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :

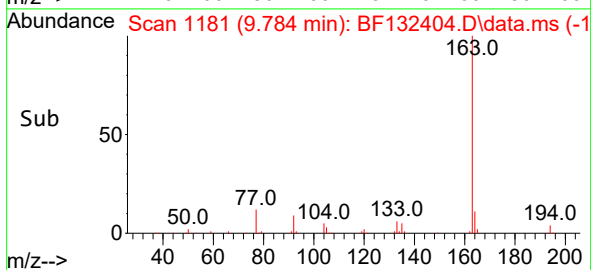
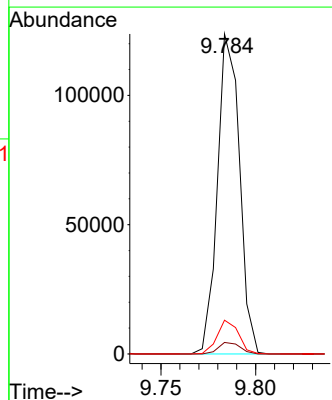
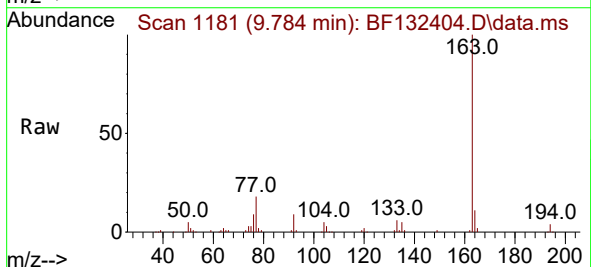


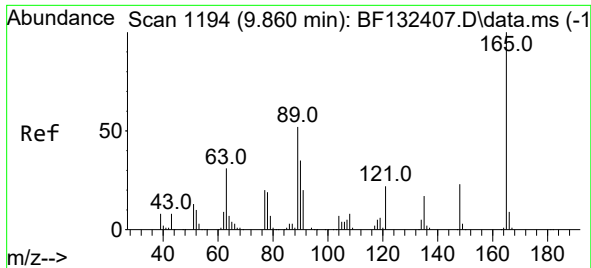
Tgt Ion:152 Resp: 133853
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.2
153 13.0 10.8 16.2



#50
Dimethylphthalate
Concen: 5.500 ng
RT: 9.784 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:163 Resp: 100380
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.5 8.5 12.7

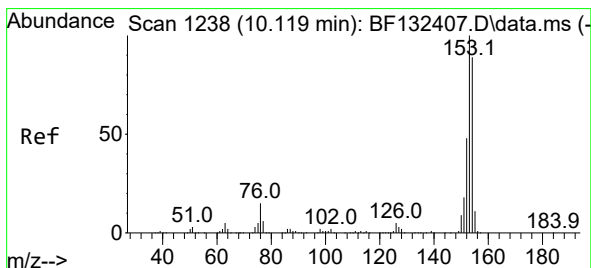
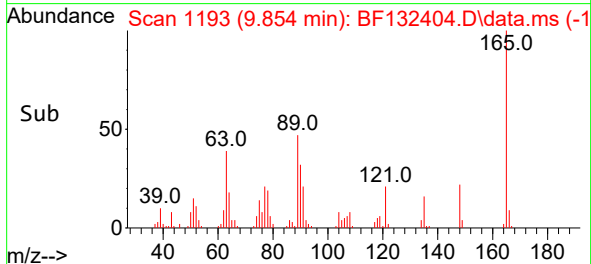
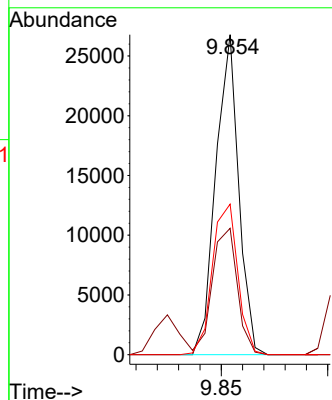
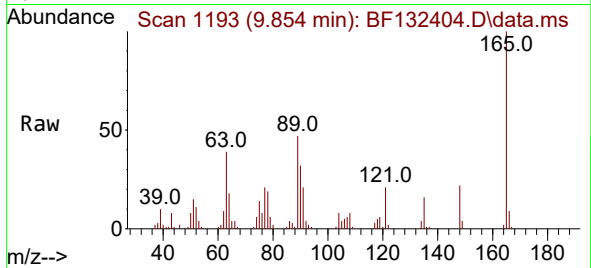




#51
2,6-Dinitrotoluene
Concen: 4.897 ng
RT: 9.854 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

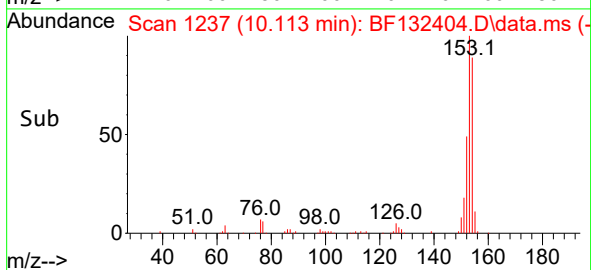
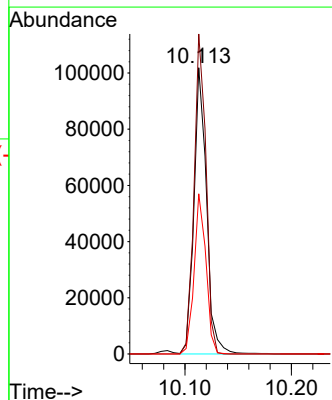
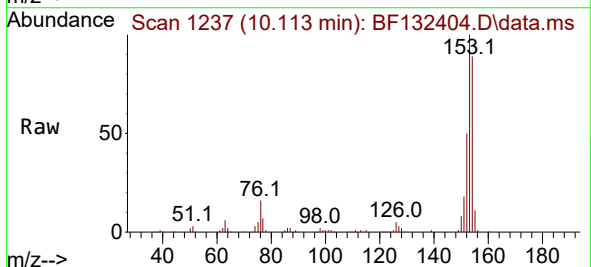
Instrument :
BNA_F
ClientSampleId :

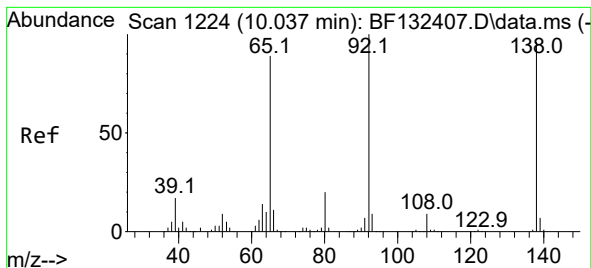
Tgt Ion:165 Resp: 19961
Ion Ratio Lower Upper
165 100
63 39.5 34.0 51.0
89 47.1 41.8 62.6



#52
Acenaphthene
Concen: 5.361 ng
RT: 10.113 min Scan# 1237
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

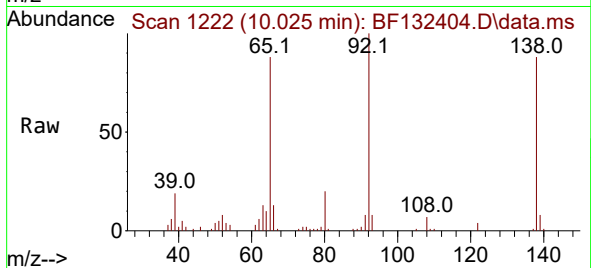
Tgt Ion:154 Resp: 83919
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.6
152 55.9 42.7 64.1



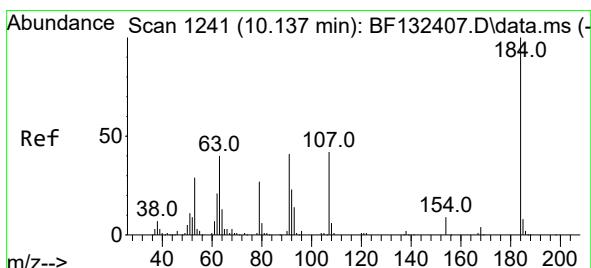
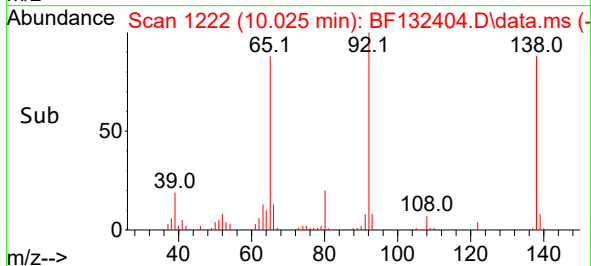
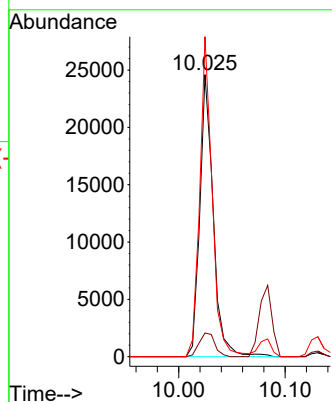


#53
3-Nitroaniline
Concen: 4.354 ng
RT: 10.025 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :

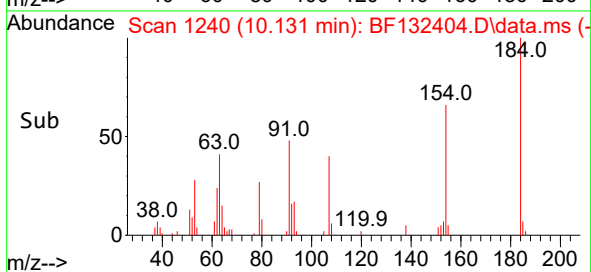
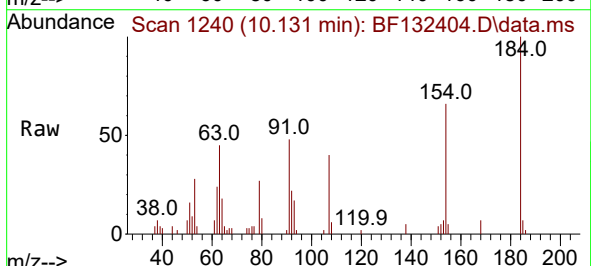
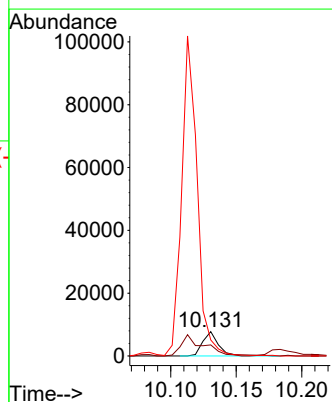


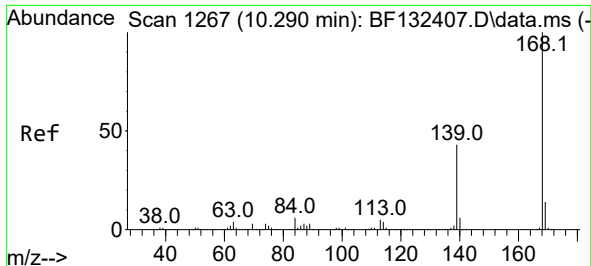
Tgt Ion:138 Resp: 21522
Ion Ratio Lower Upper
138 100
108 8.4 7.4 11.2
92 113.4 83.7 125.5



#54
2,4-Dinitrophenol
Concen: 3.175 ng
RT: 10.131 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

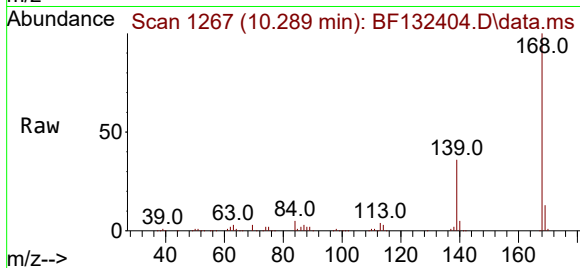
Tgt Ion:184 Resp: 6674
Ion Ratio Lower Upper
184 100
63 45.3 36.2 54.2
154 65.9 51.4 77.0



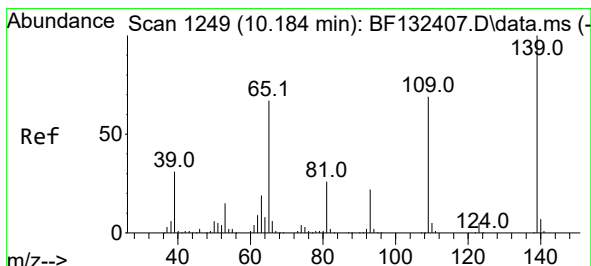
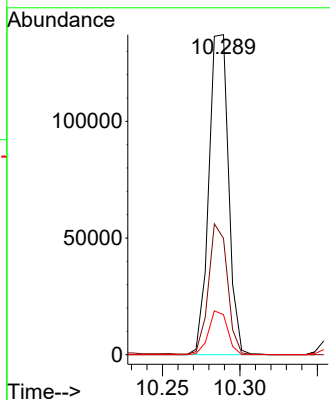
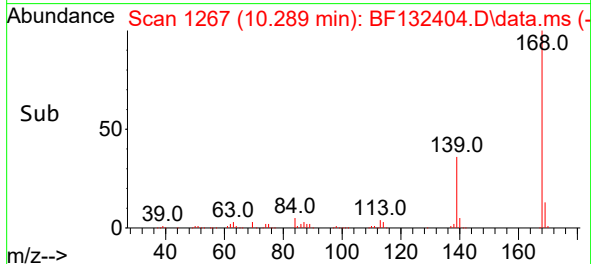


#55
Dibenzenofuran
Concen: 5.522 ng
RT: 10.289 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :

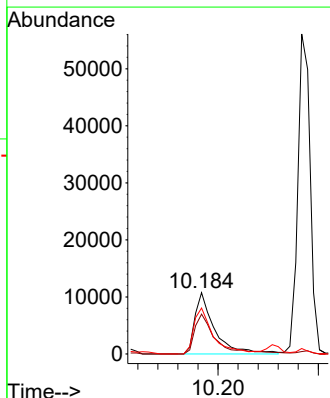
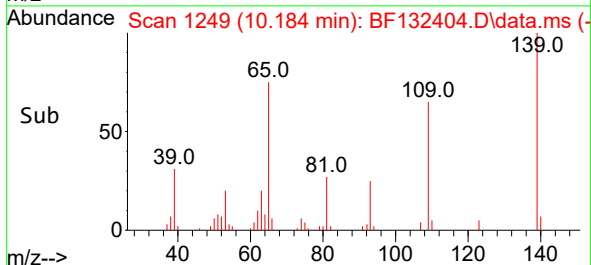
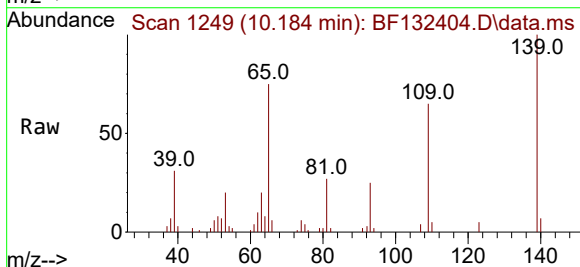


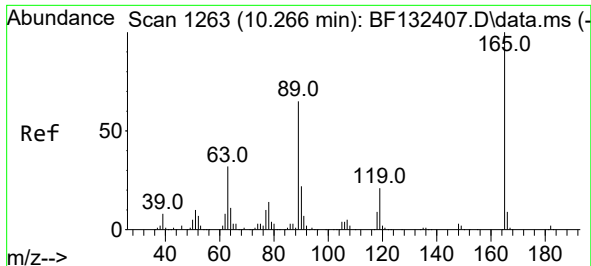
Tgt Ion:168 Resp: 121459
Ion Ratio Lower Upper
168 100
139 36.4 34.6 52.0
169 12.5 11.2 16.8



#56
4-Nitrophenol
Concen: 3.944 ng
RT: 10.184 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

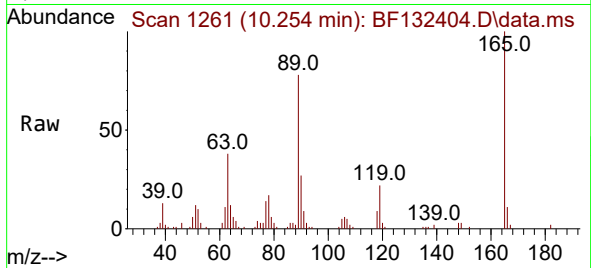
Tgt Ion:139 Resp: 14671
Ion Ratio Lower Upper
139 100
109 65.0 49.4 89.4
65 74.9 47.6 87.6



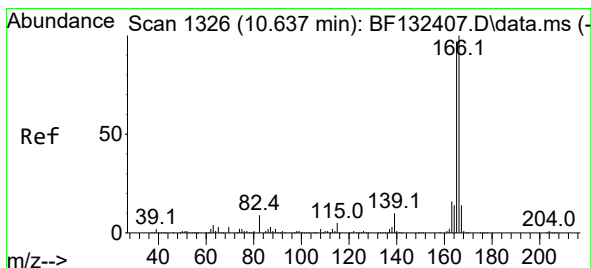
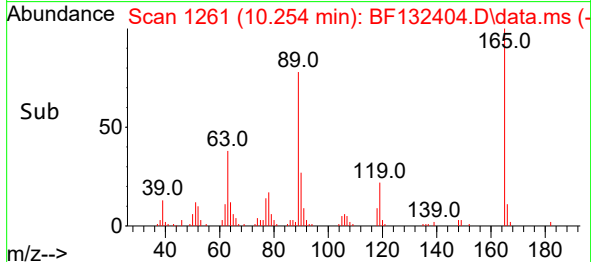
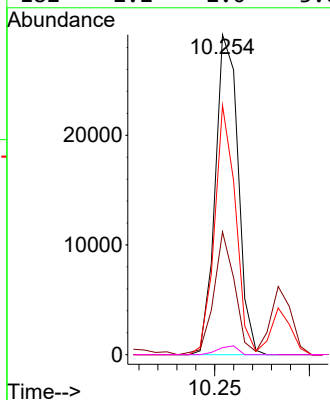


#57
2,4-Dinitrotoluene
Concen: 4.620 ng
RT: 10.254 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :

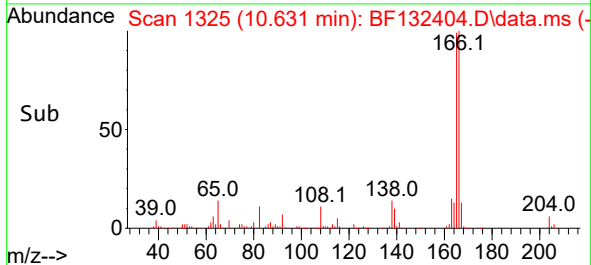
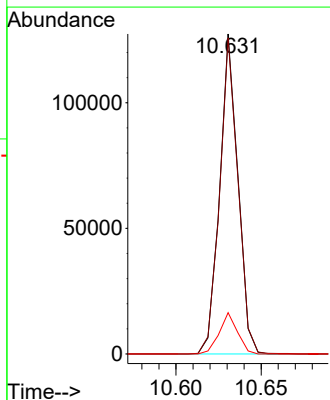
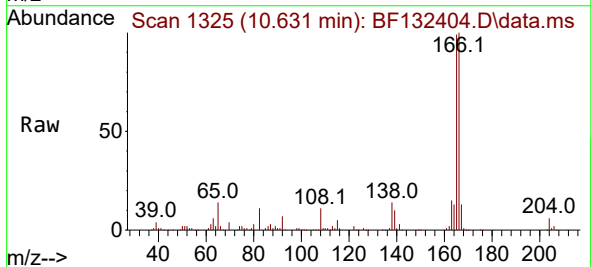


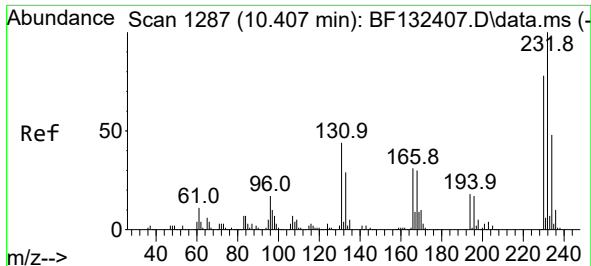
Tgt Ion:165 Resp: 24462
Ion Ratio Lower Upper
165 100
63 38.4 25.4 38.2#
89 77.9 52.2 78.2
182 2.2 2.0 3.0



#58
Fluorene
Concen: 5.601 ng
RT: 10.631 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:166 Resp: 94805
Ion Ratio Lower Upper
166 100
165 98.8 77.5 116.3
167 12.9 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 5.232 ng

RT: 10.401 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 23039

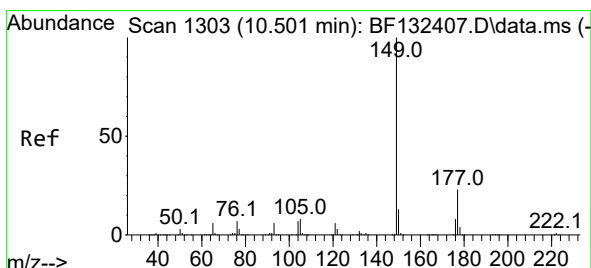
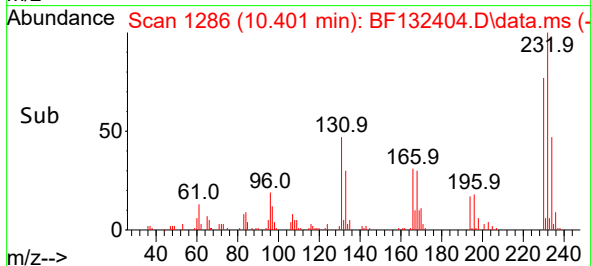
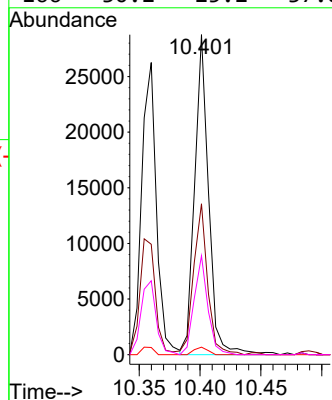
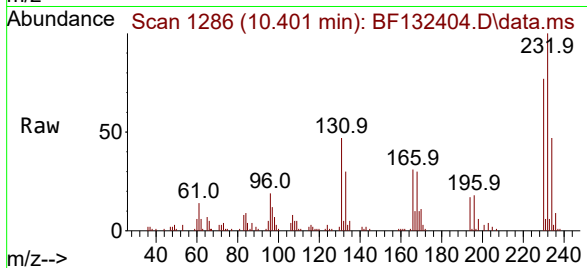
Ion Ratio Lower Upper

232 100

131 47.4 37.9 56.9

130 2.2 1.9 2.9

166 30.2 25.2 37.8



#60

Diethylphthalate

Concen: 5.521 ng

RT: 10.489 min Scan# 1301

Delta R.T. -0.012 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

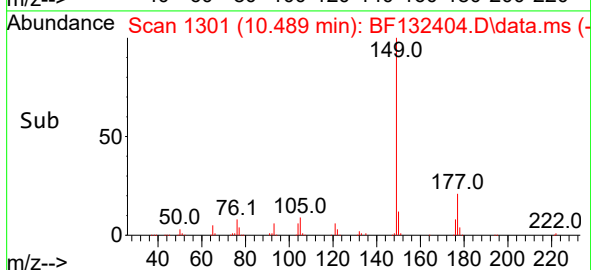
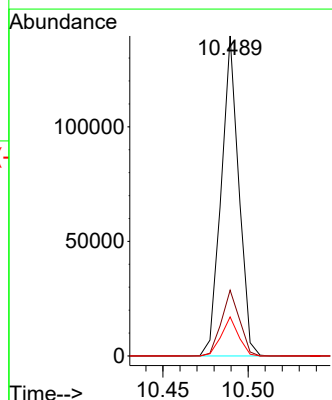
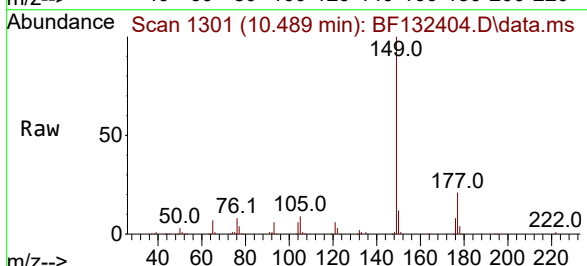
Tgt Ion:149 Resp: 100233

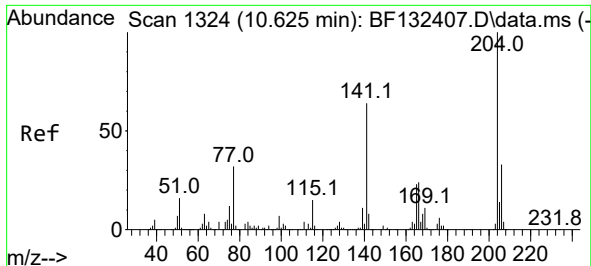
Ion Ratio Lower Upper

149 100

177 20.6 18.1 27.1

150 12.2 10.1 15.1

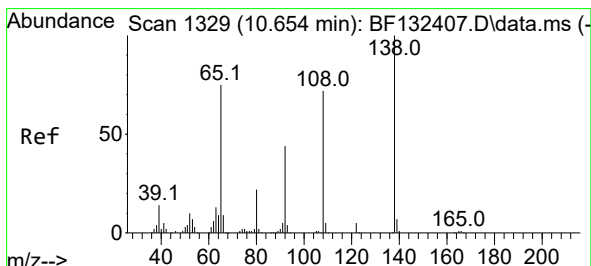
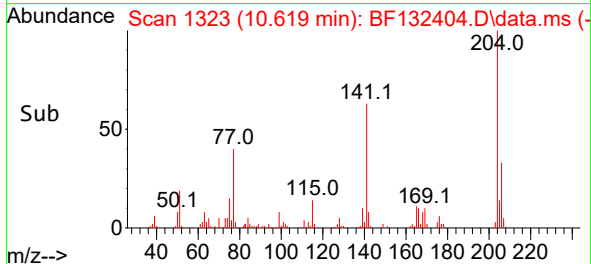
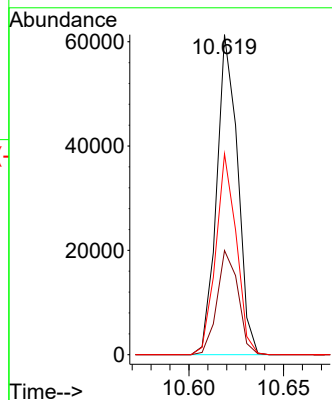
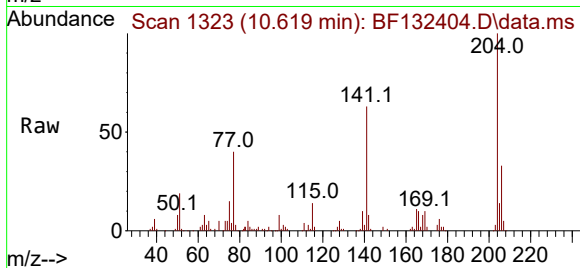




#61
4-Chlorophenyl-phenylether
Concen: 5.885 ng
RT: 10.619 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

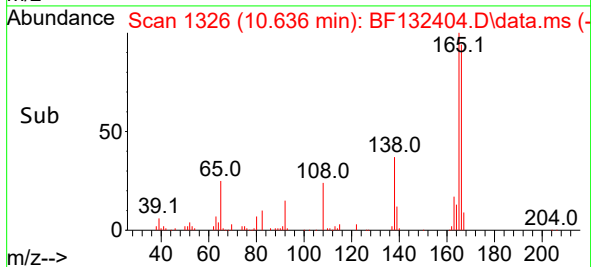
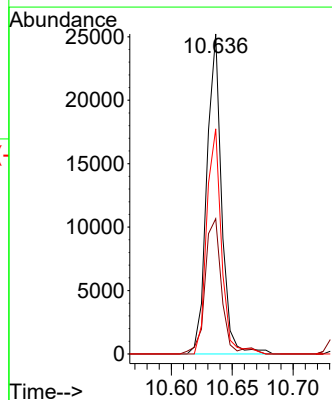
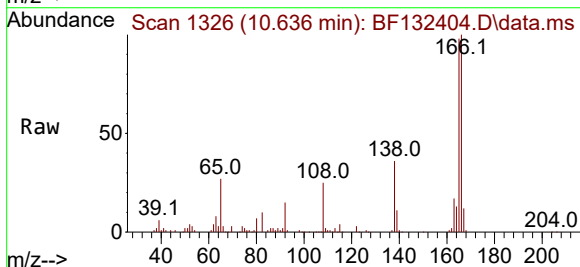
Instrument :
BNA_F
ClientSampleId :

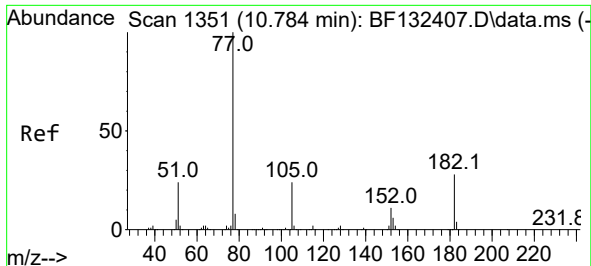
Tgt Ion:204 Resp: 47274
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 62.8 50.9 76.3



#62
4-Nitroaniline
Concen: 4.483 ng
RT: 10.636 min Scan# 1326
Delta R.T. -0.018 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

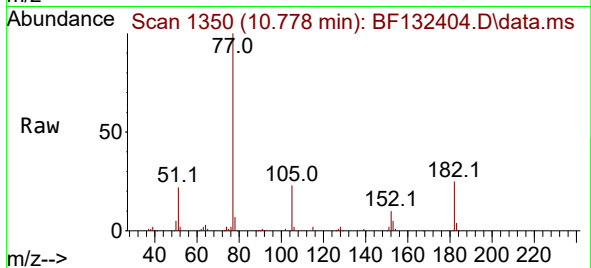
Tgt Ion:138 Resp: 21250
Ion Ratio Lower Upper
138 100
92 42.3 24.3 64.3
108 70.3 52.4 92.4



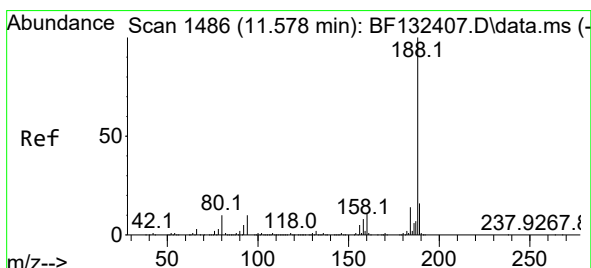
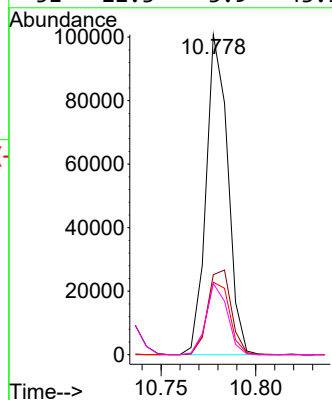
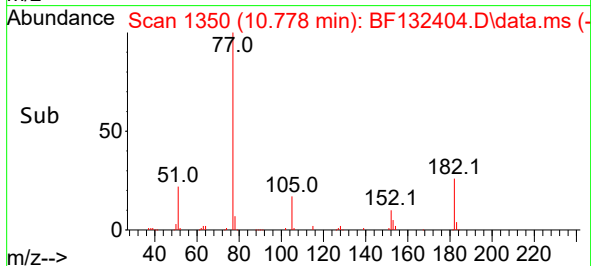


#63
 Azobenzene
 Concen: 4.557 ng
 RT: 10.778 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49

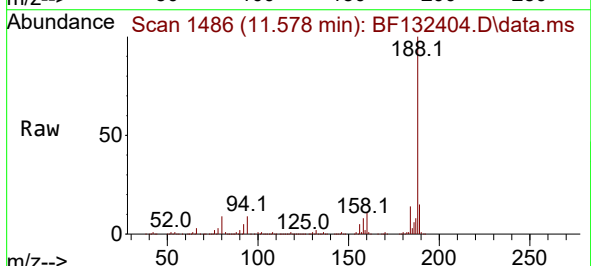
Instrument :
 BNA_F
 ClientSampleId :



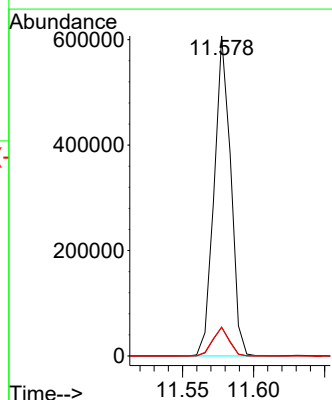
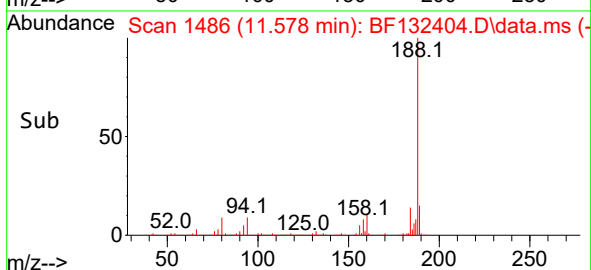
Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.0	8.3	48.3
105	22.7	3.9	43.9
51	22.3	3.9	43.9

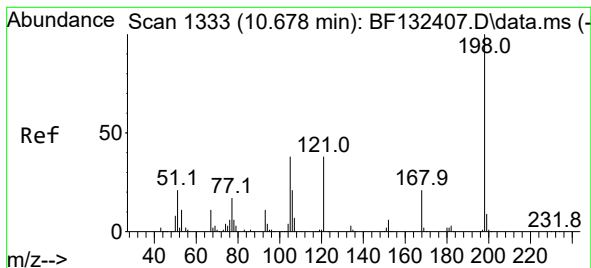


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.578 min Scan# 1486
 Delta R.T. -0.000 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49



Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.8	11.6
80	8.9	7.6	11.4

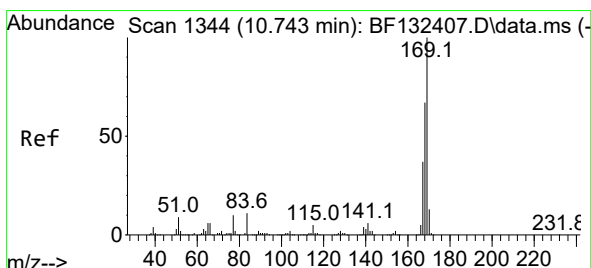
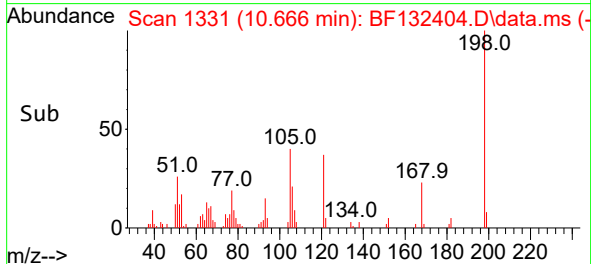
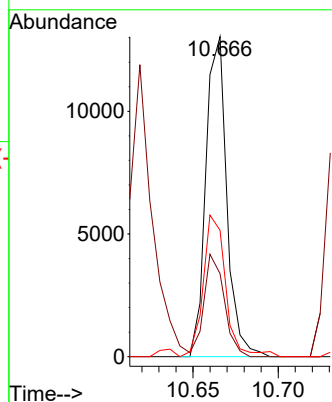
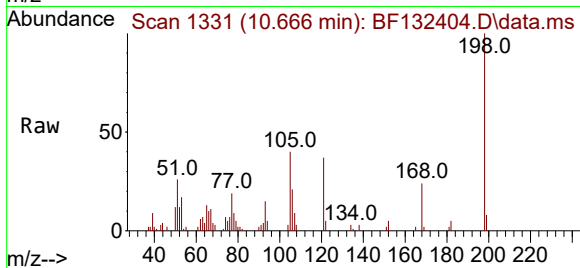




#65
4,6-Dinitro-2-methylphenol
Concen: 4.011 ng
RT: 10.666 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

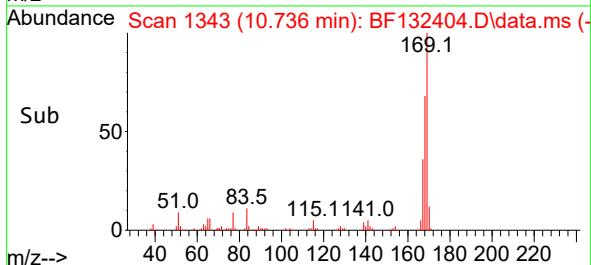
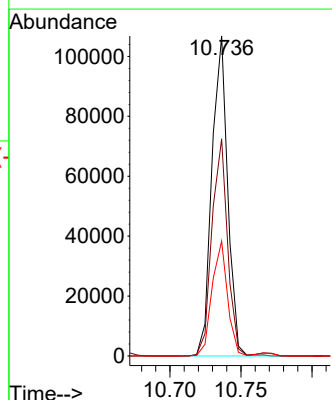
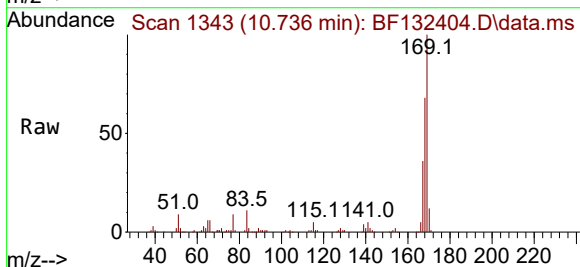
Instrument :
BNA_F
ClientSampleId :

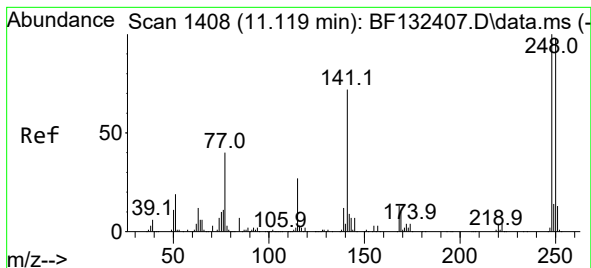
Tgt Ion:198 Resp: 11169
Ion Ratio Lower Upper
198 100
51 26.0 4.6 44.6
105 39.5 19.3 59.3



#66
n-Nitrosodiphenylamine
Concen: 5.382 ng
RT: 10.736 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:169 Resp: 82678
Ion Ratio Lower Upper
169 100
168 67.9 53.5 80.3
167 35.9 29.2 43.8

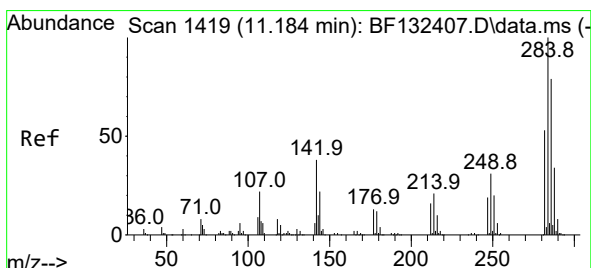
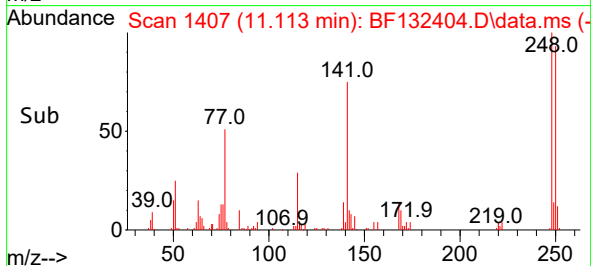
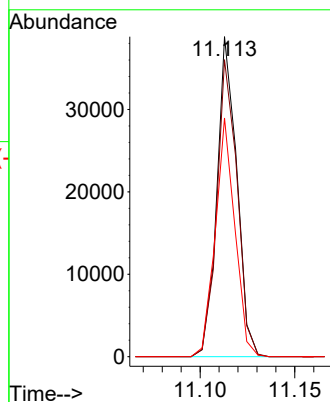
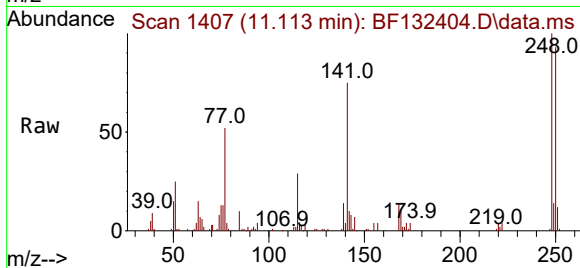




#67
4-Bromophenyl-phenylether
Concen: 5.638 ng
RT: 11.113 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

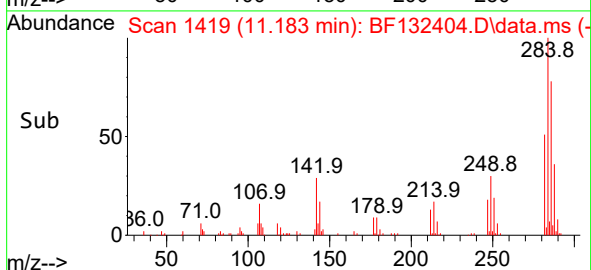
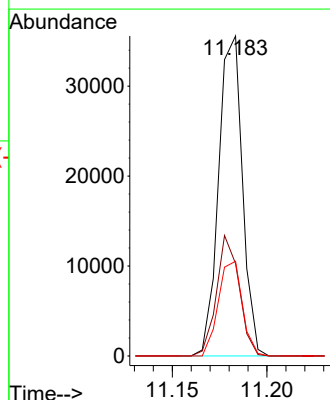
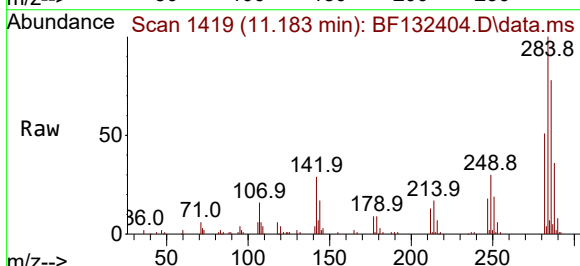
Instrument :
BNA_F
ClientSampleId :

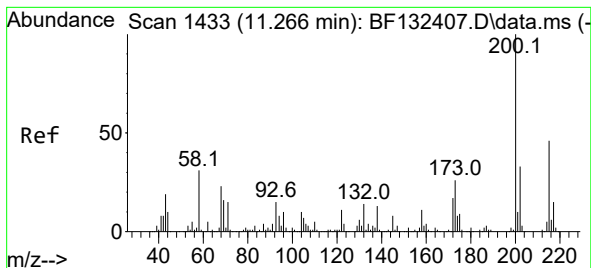
Tgt Ion:248 Resp: 28323
Ion Ratio Lower Upper
248 100
250 92.8 78.1 117.1
141 74.6 57.9 86.9



#68
Hexachlorobenzene
Concen: 5.802 ng
RT: 11.183 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:284 Resp: 31156
Ion Ratio Lower Upper
284 100
142 28.9 30.1 45.1#
249 29.6 25.0 37.4





#69

Atrazine

Concen: 3.857 ng

RT: 11.260 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

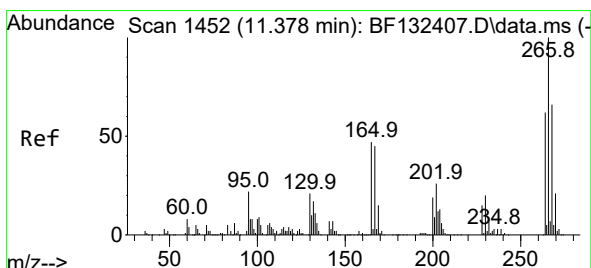
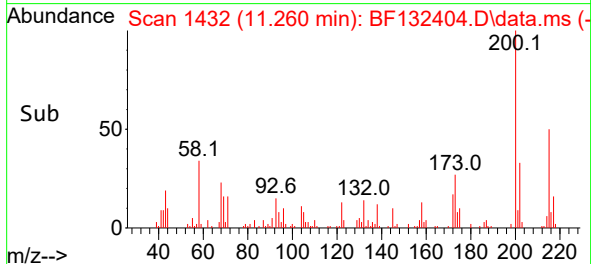
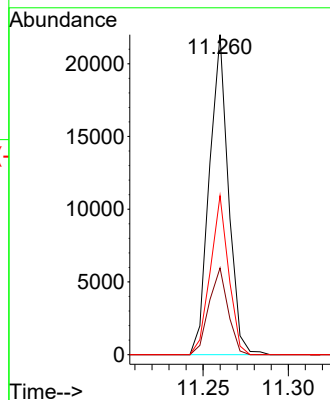
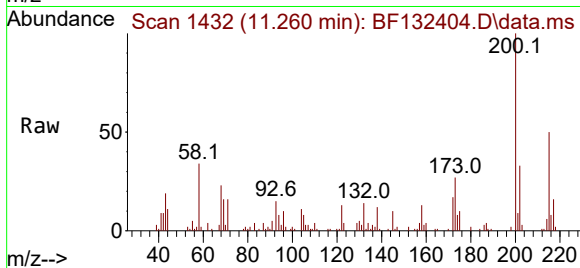
Tgt Ion:200 Resp: 17043

Ion Ratio Lower Upper

200 100

173 27.1 6.3 46.3

215 49.7 26.1 66.1



#70

Pentachlorophenol

Concen: 3.634 ng

RT: 11.378 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

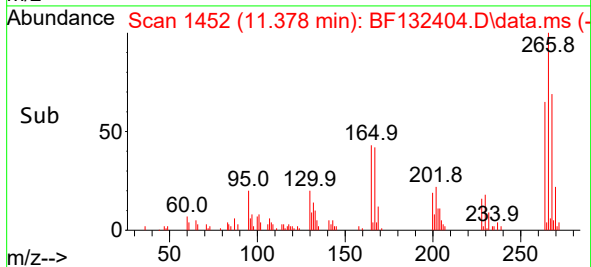
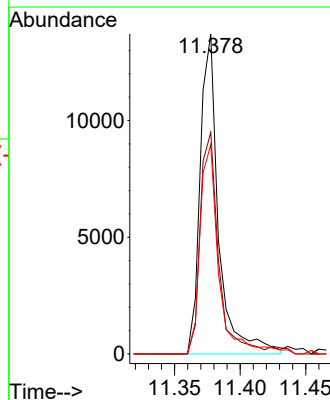
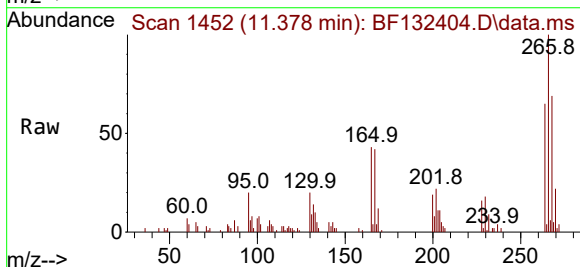
Tgt Ion:266 Resp: 13409

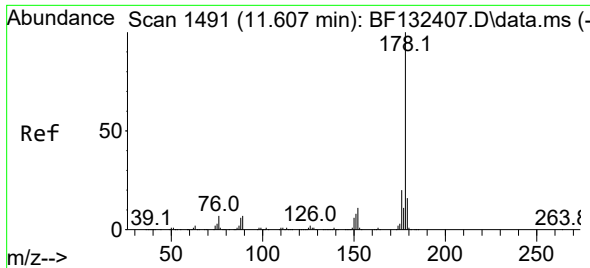
Ion Ratio Lower Upper

266 100

268 73.8 53.0 79.4

264 65.3 49.6 74.4

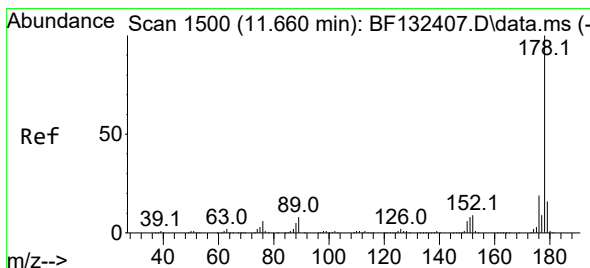
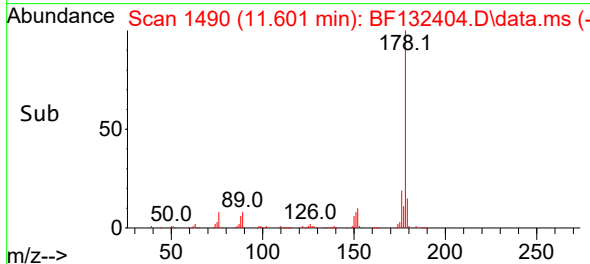
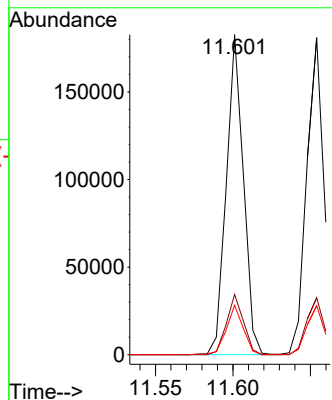
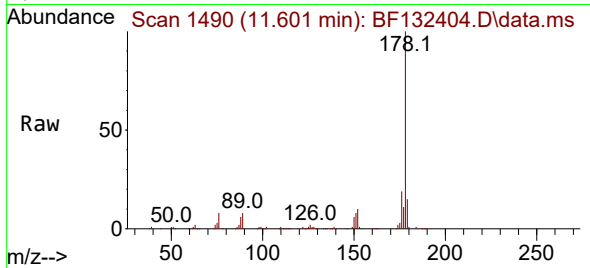




#71
Phenanthrene
Concen: 5.472 ng
RT: 11.601 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

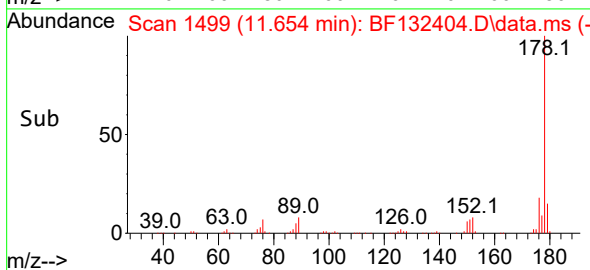
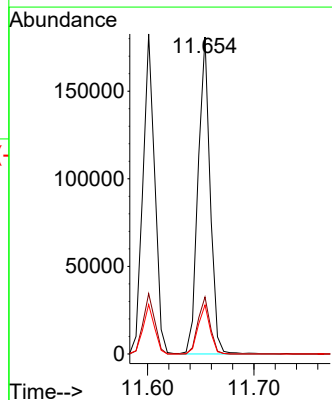
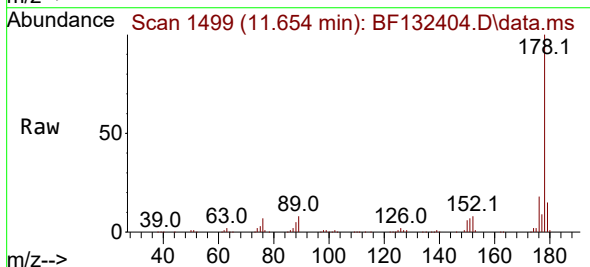
Instrument :
BNA_F
ClientSampleId :

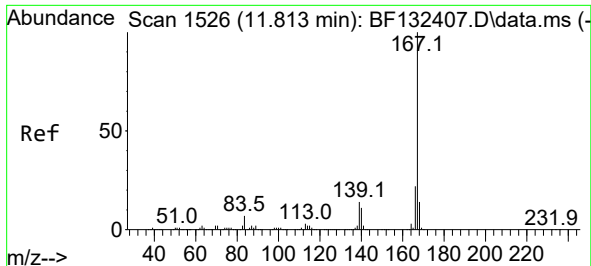
Tgt Ion:178 Resp: 140300
Ion Ratio Lower Upper
178 100
176 18.8 16.1 24.1
179 15.5 12.6 19.0



#72
Anthracene
Concen: 5.467 ng
RT: 11.654 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:178 Resp: 142636
Ion Ratio Lower Upper
178 100
176 18.0 15.4 23.0
179 15.4 12.6 19.0

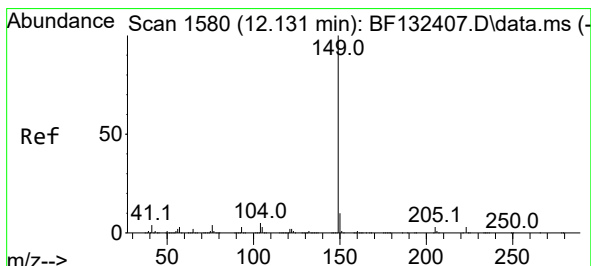
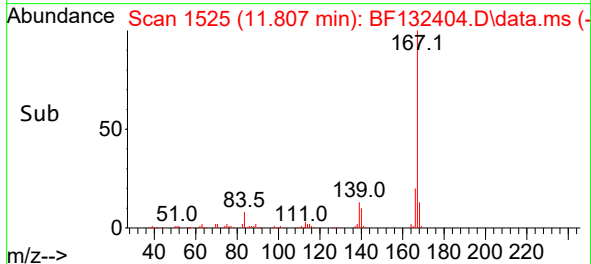
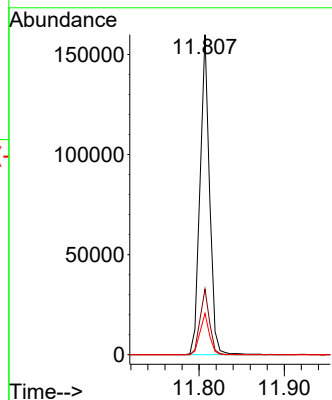
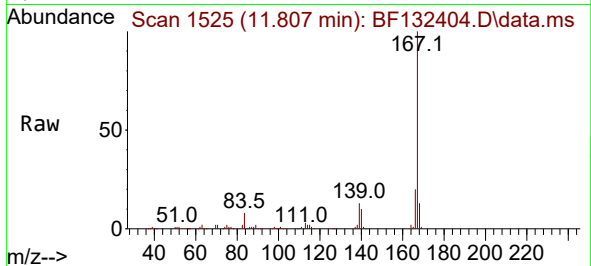




#73
 Carbazole
 Concen: 5.306 ng
 RT: 11.807 min Scan# 1526
 Delta R.T. -0.006 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49

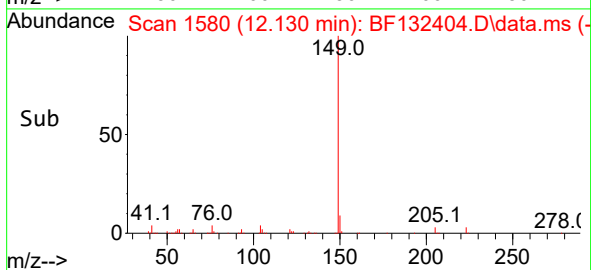
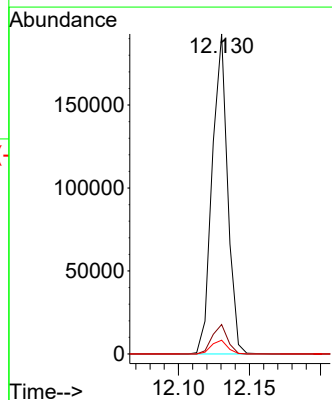
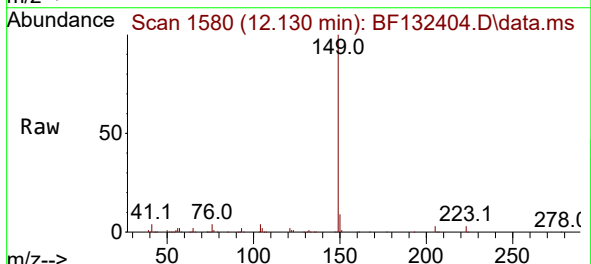
Instrument :
 BNA_F
 ClientSampleId :

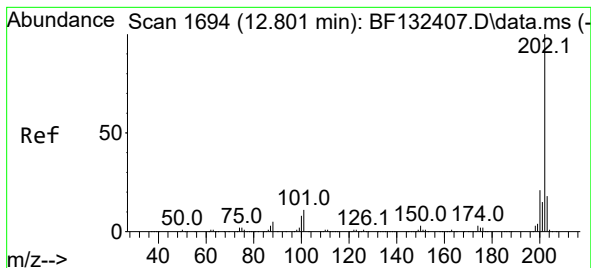
Tgt Ion:167 Resp: 124123
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.5 26.3
 139 12.9 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 5.286 ng
 RT: 12.130 min Scan# 1580
 Delta R.T. -0.000 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49

Tgt Ion:149 Resp: 146200
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.8
 104 4.3 4.2 6.2





#75

Fluoranthene

Concen: 5.448 ng

RT: 12.801 min Scan# 1

Delta R.T. -0.000 min

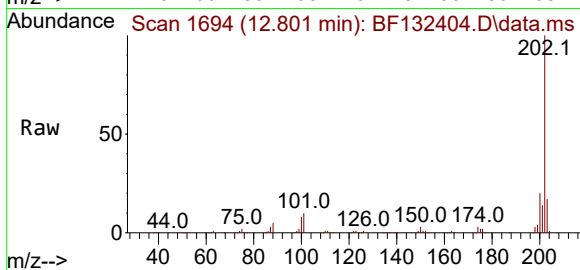
Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :



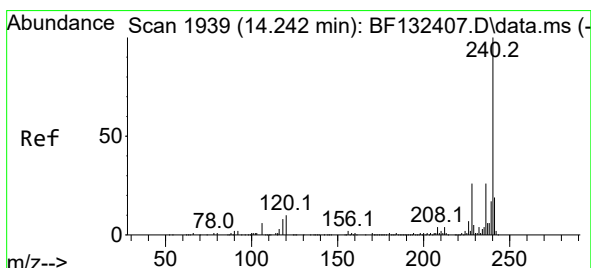
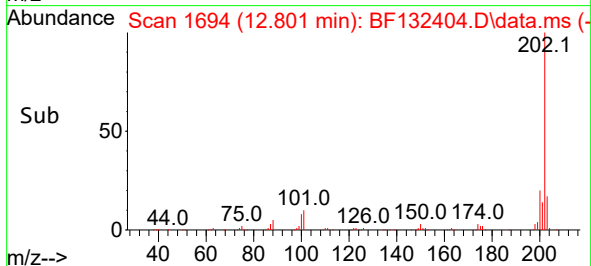
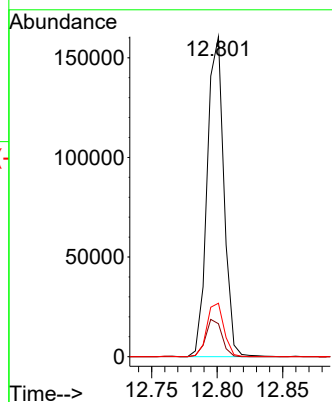
Tgt Ion:202 Resp: 142527

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.0

203 16.7 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.236 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

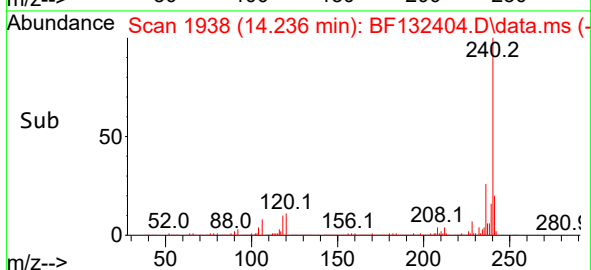
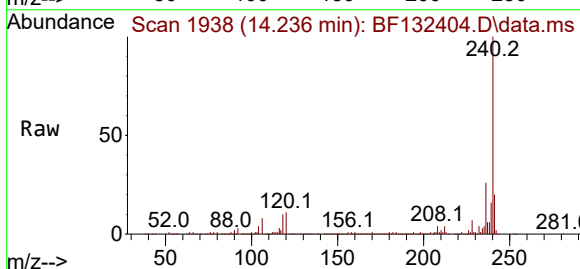
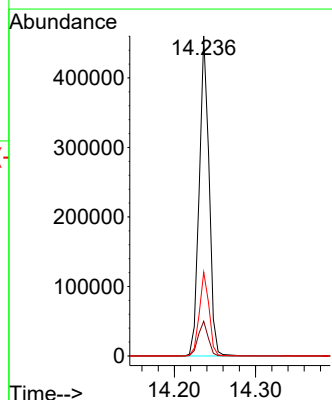
Tgt Ion:240 Resp: 388610

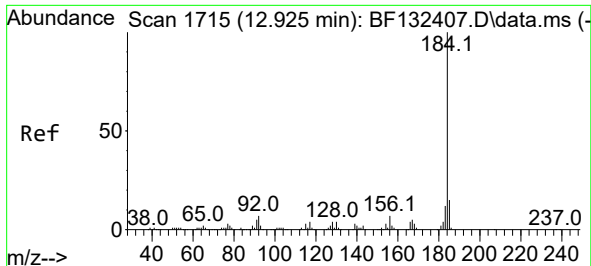
Ion Ratio Lower Upper

240 100

120 10.9 7.7 11.5

236 26.2 21.1 31.7

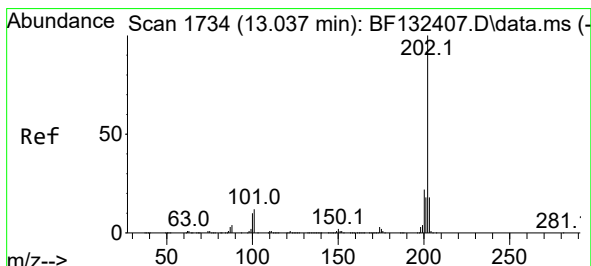
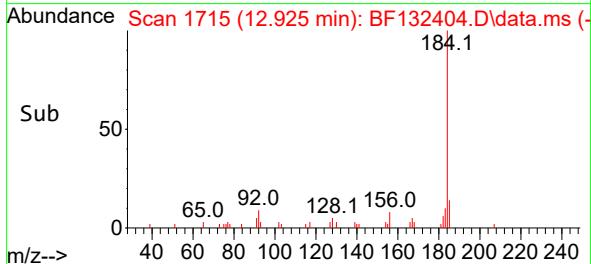
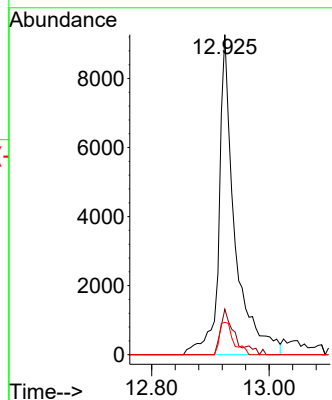
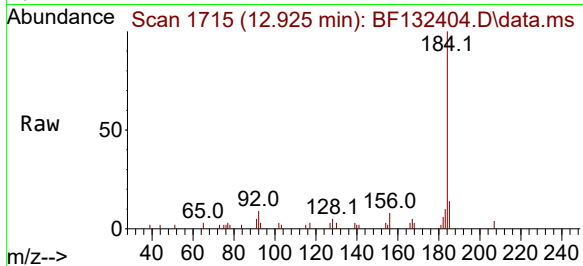




#77
Benzidine
Concen: 1.271 ng
RT: 12.925 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

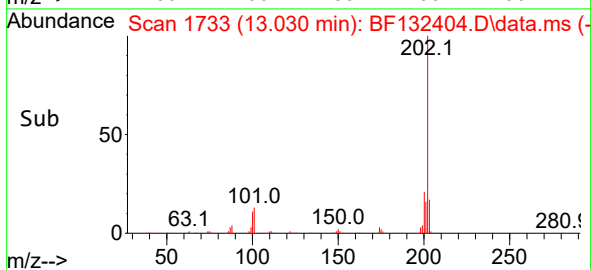
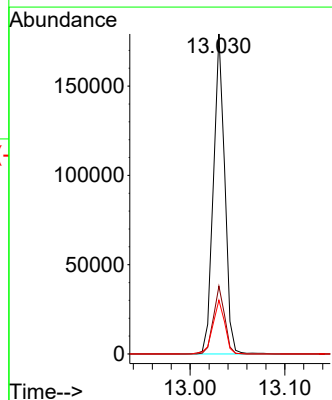
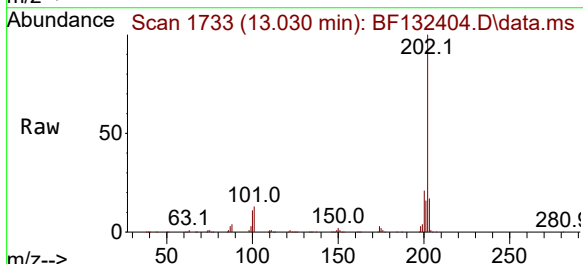
Instrument :
BNA_F
ClientSampleId :

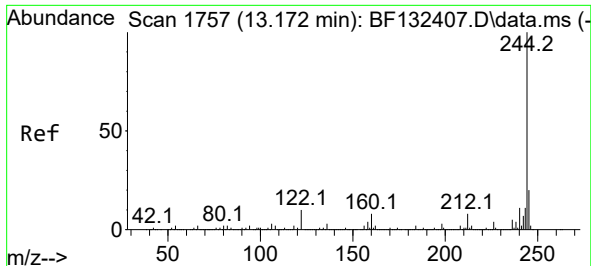
Tgt Ion:184 Resp: 17264
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.2
183 10.1 9.3 13.9



#78
Pyrene
Concen: 4.750 ng
RT: 13.030 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

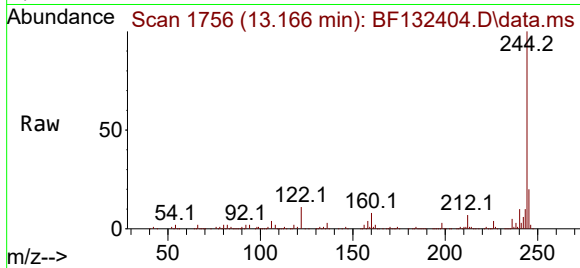
Tgt Ion:202 Resp: 148475
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.0
203 16.8 14.1 21.1



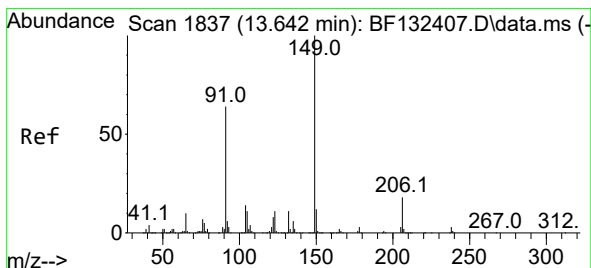
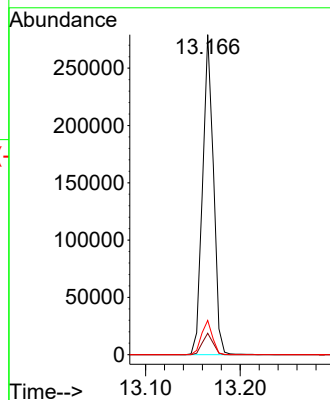
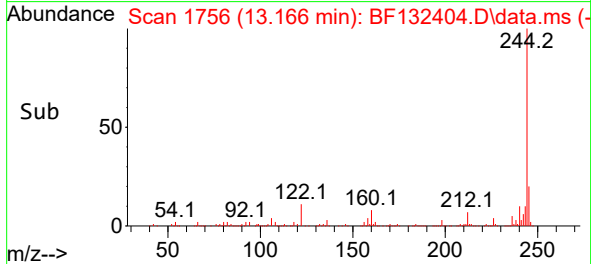


#79
 Terphenyl-d14
 Concen: 11.059 ng
 RT: 13.166 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49

Instrument :
 BNA_F
 ClientSampleId :

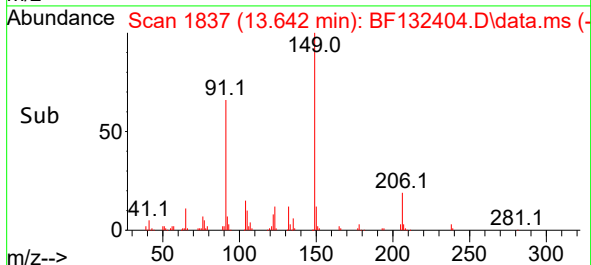
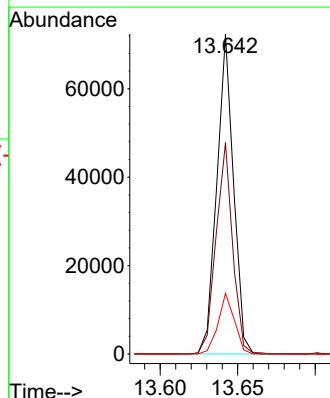
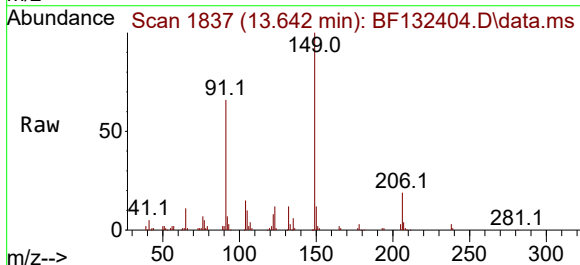


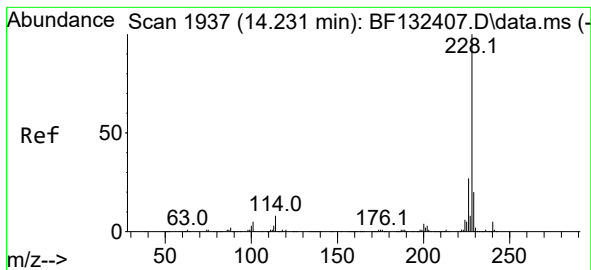
Tgt Ion:244 Resp: 222161
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.3 9.5
 122 10.7 8.2 12.4



#80
 Butylbenzylphthalate
 Concen: 3.926 ng
 RT: 13.642 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49

Tgt Ion:149 Resp: 54216
 Ion Ratio Lower Upper
 149 100
 91 66.1 51.6 77.4
 206 18.9 14.8 22.2





#81

Benzo(a)anthracene

Concen: 5.002 ng

RT: 14.224 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

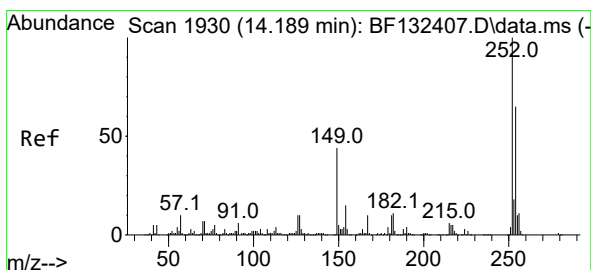
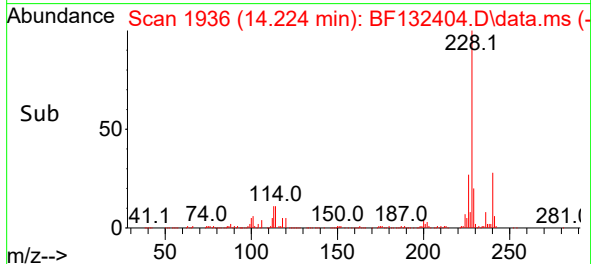
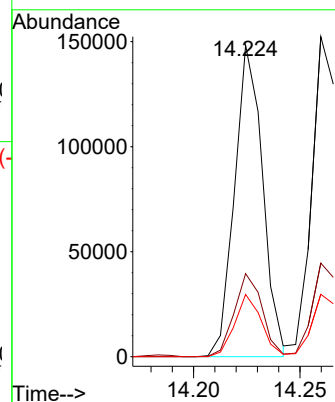
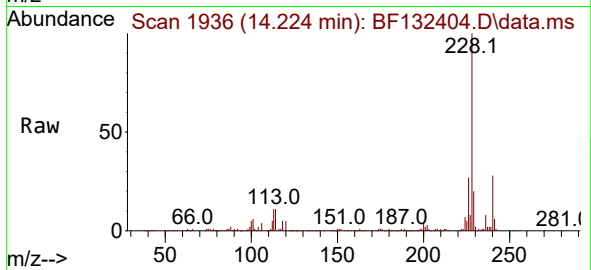
Tgt Ion:228 Resp: 135953

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.6

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 4.417 ng

RT: 14.183 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

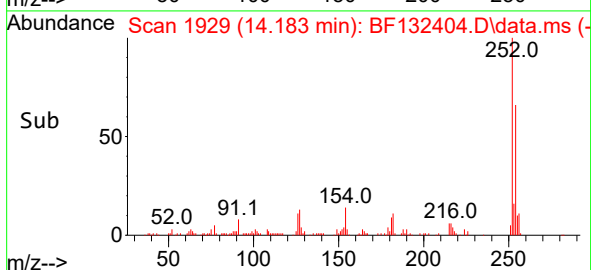
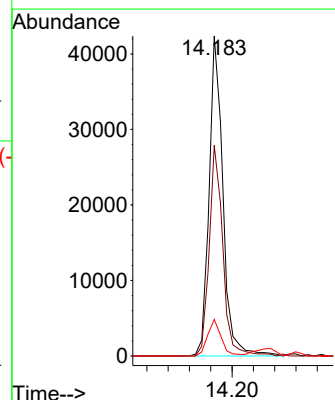
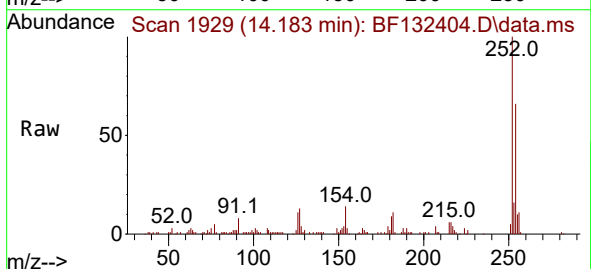
Tgt Ion:252 Resp: 38241

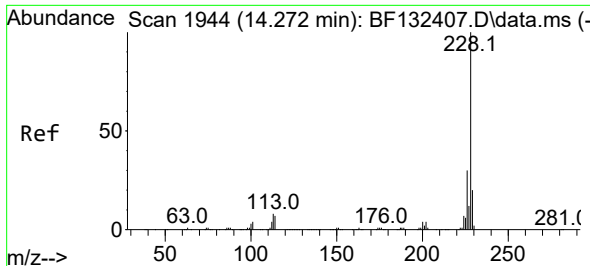
Ion Ratio Lower Upper

252 100

254 65.8 51.8 77.6

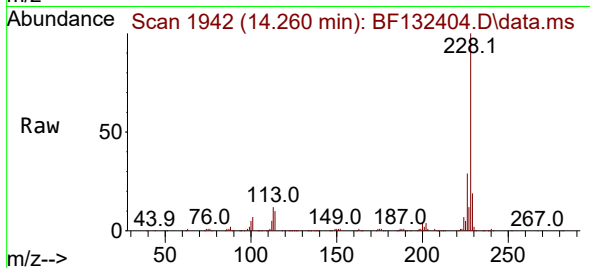
126 11.4 8.1 12.1



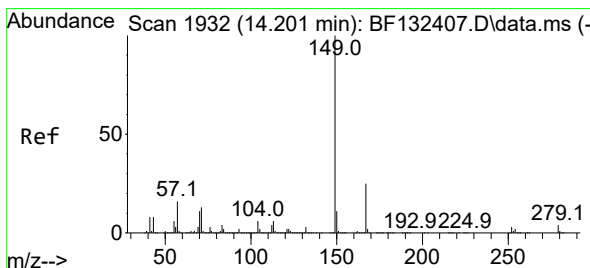
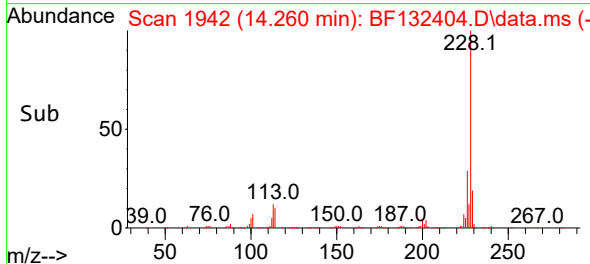
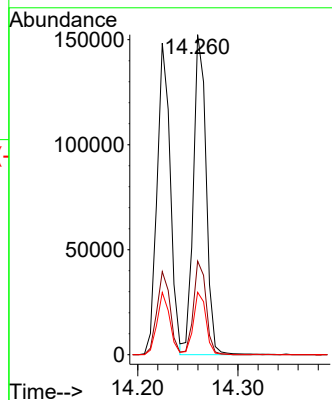


#83
Chrysene
Concen: 5.279 ng
RT: 14.260 min Scan# 1944
Delta R.T. -0.012 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Instrument :
BNA_F
ClientSampleId :

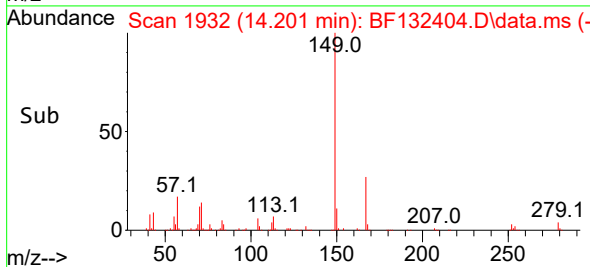
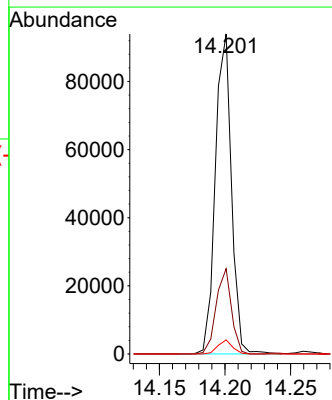
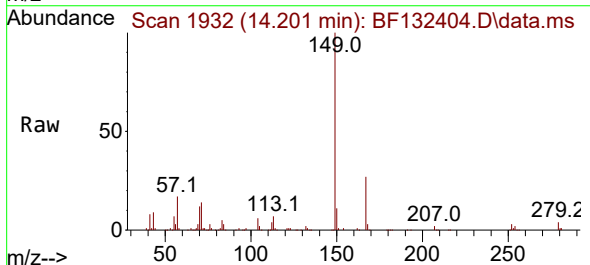


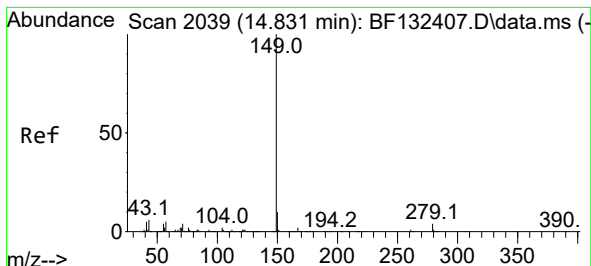
Tgt Ion:228 Resp: 134354
Ion Ratio Lower Upper
228 100
226 29.3 24.2 36.4
229 19.5 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.287 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BF132404.D
Acq: 13 Feb 2023 11:49

Tgt Ion:149 Resp: 80017
Ion Ratio Lower Upper
149 100
167 26.6 20.2 30.4
279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 3.977 ng

RT: 14.830 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

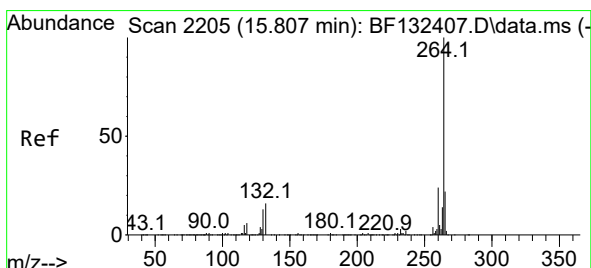
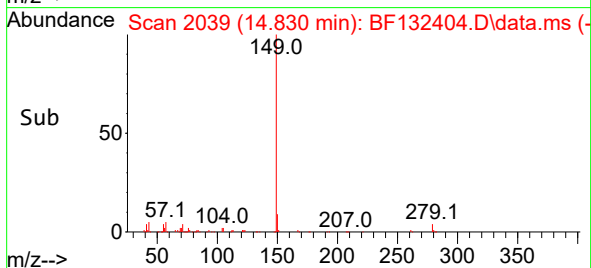
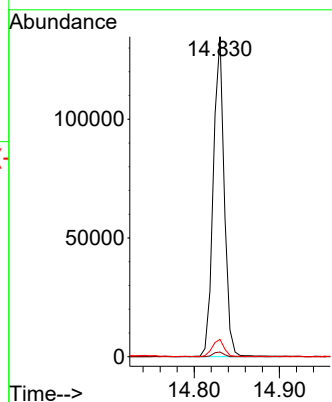
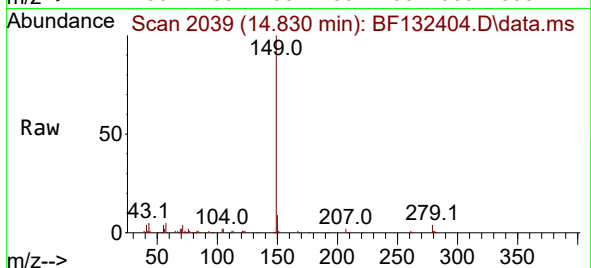
Tgt Ion:149 Resp: 121087

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 5.9 4.6 6.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.801 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

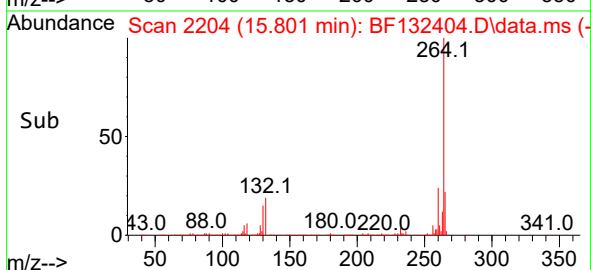
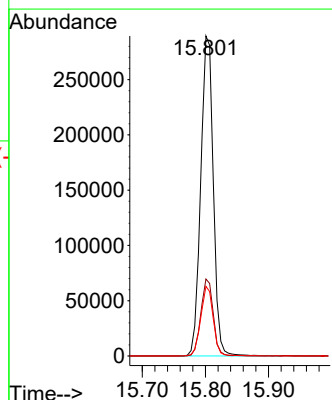
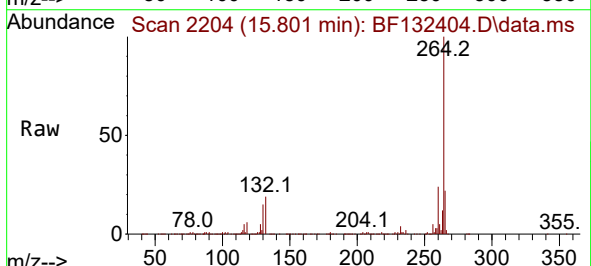
Tgt Ion:264 Resp: 400068

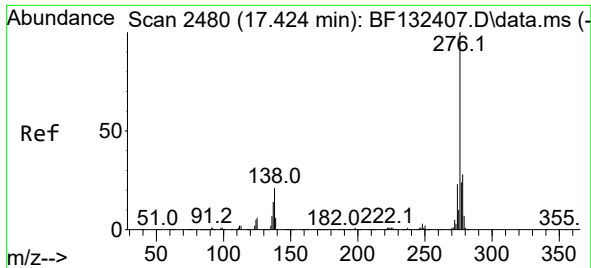
Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.8 17.7 26.5

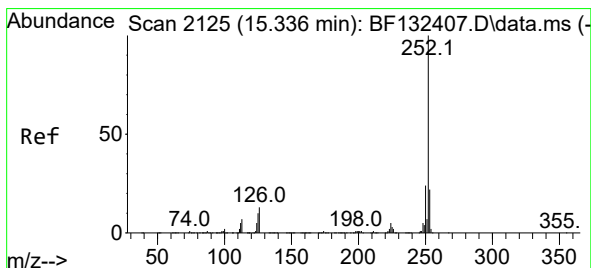
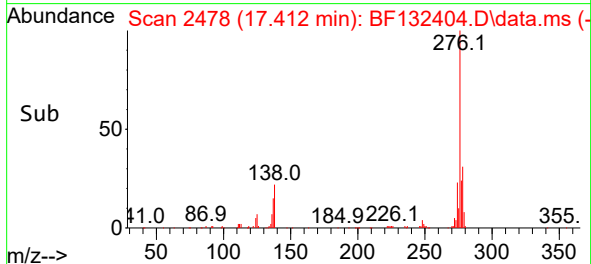
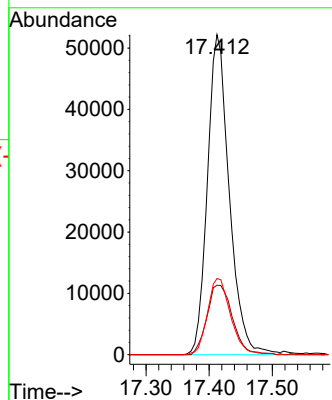
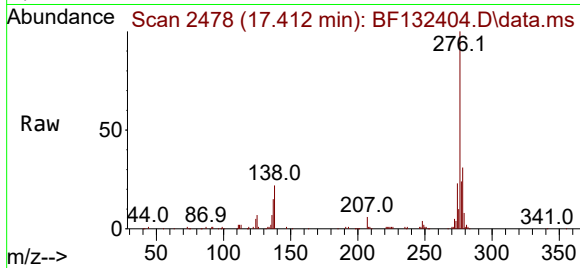




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.713 ng
 RT: 17.412 min Scan# 2480
 Delta R.T. -0.012 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49

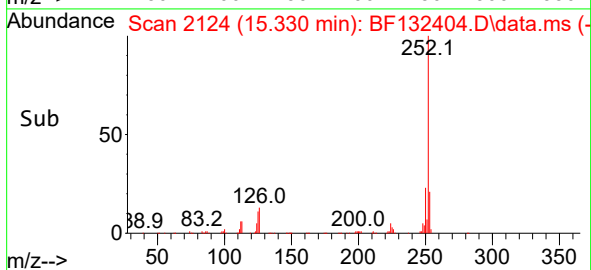
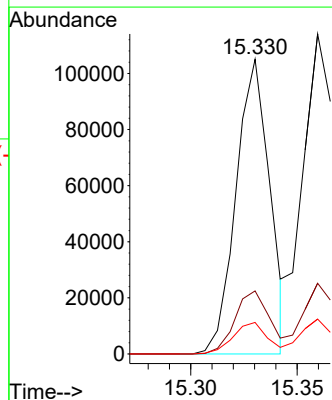
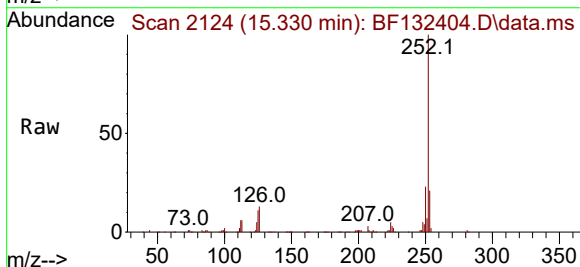
Instrument :
 BNA_F
 ClientSampleId :

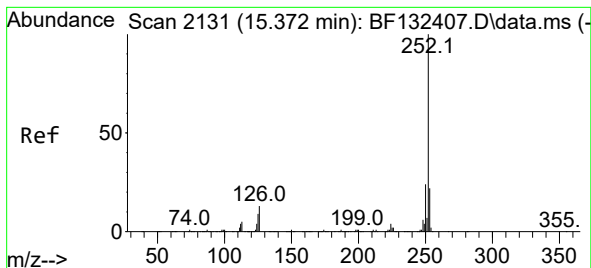
Tgt Ion:276 Resp: 125290
 Ion Ratio Lower Upper
 276 100
 138 25.3 19.1 28.7
 277 25.3 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 4.562 ng
 RT: 15.330 min Scan# 2124
 Delta R.T. -0.006 min
 Lab File: BF132404.D
 Acq: 13 Feb 2023 11:49

Tgt Ion:252 Resp: 116011
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.8 26.6
 125 10.7 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 5.269 ng

RT: 15.360 min Scan# 2129

Delta R.T. -0.012 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

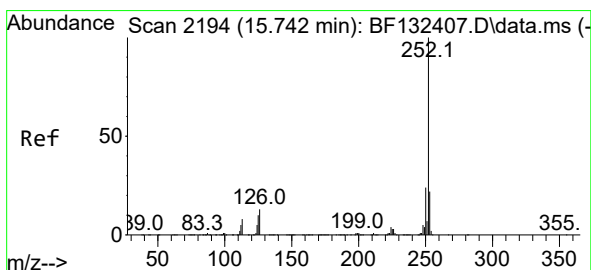
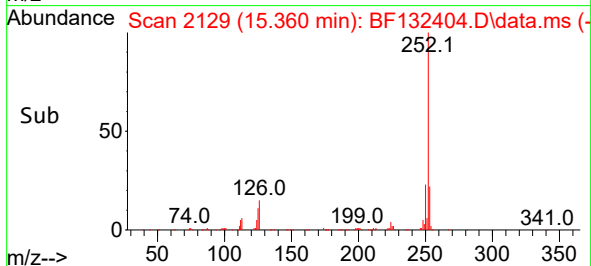
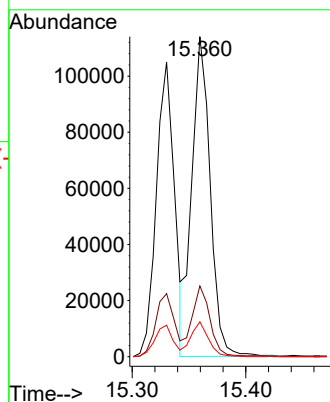
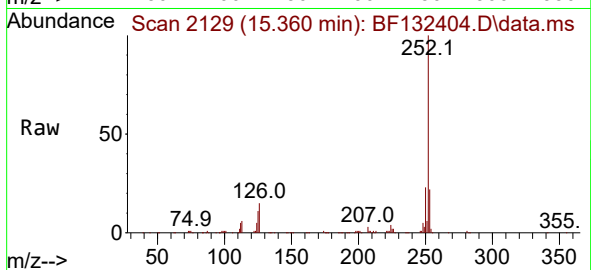
Tgt Ion:252 Resp: 127889

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.9 7.4 11.2



#90

Benzo(a)pyrene

Concen: 4.749 ng

RT: 15.730 min Scan# 2192

Delta R.T. -0.012 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

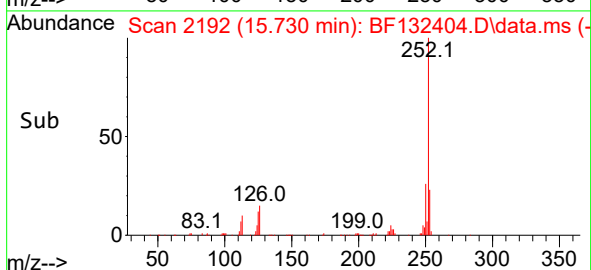
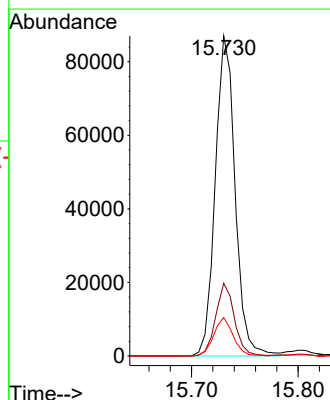
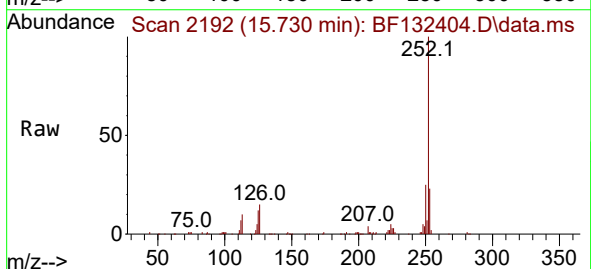
Tgt Ion:252 Resp: 112466

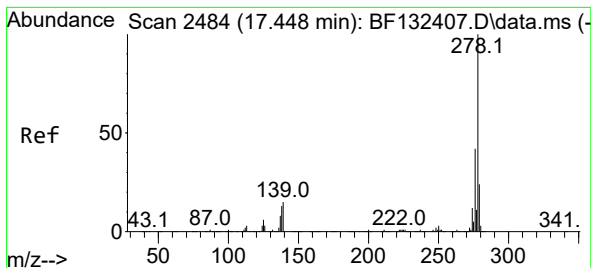
Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 12.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 4.946 ng

RT: 17.430 min Scan# 2481

Delta R.T. -0.018 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Instrument :

BNA_F

ClientSampleId :

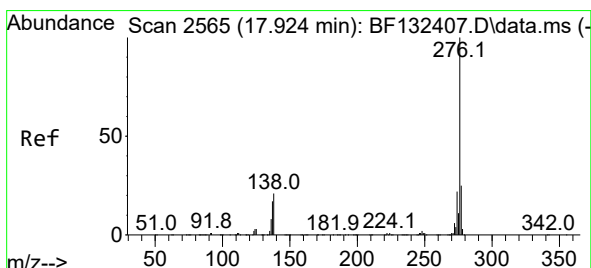
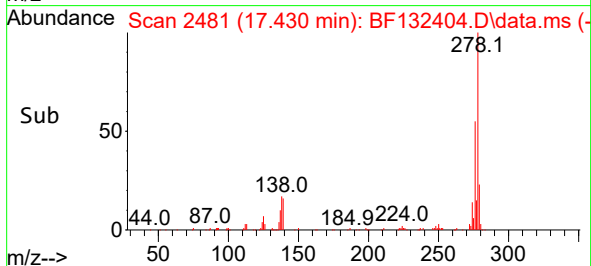
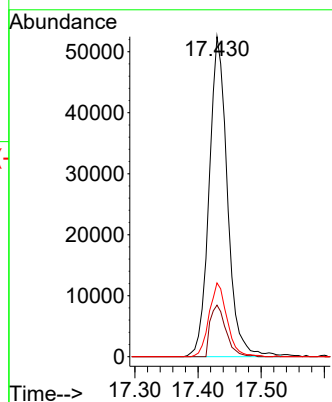
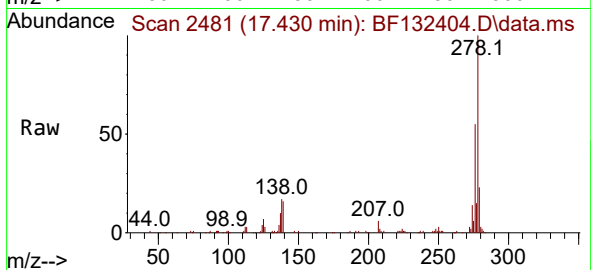
Tgt Ion:278 Resp: 105712

Ion Ratio Lower Upper

278 100

139 16.1 11.8 17.8

279 23.0 19.4 29.0



#92

Benzo(g,h,i)perylene

Concen: 4.635 ng

RT: 17.901 min Scan# 2561

Delta R.T. -0.024 min

Lab File: BF132404.D

Acq: 13 Feb 2023 11:49

Tgt Ion:276 Resp: 102351

Ion Ratio Lower Upper

276 100

277 25.6 19.6 29.4

138 22.0 16.6 25.0

