

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031623\
 Data File : BF132818.D
 Acq On : 16 Mar 2023 17:56
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 17 02:34:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 02:26:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	205257	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	709643	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	369311	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	686349	20.000	ng	0.00
76) Chrysene-d12	14.157	240	429059	20.000	ng	0.00
86) Perylene-d12	15.680	264	397312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	1329797	105.147	ng	0.00
7) Phenol-d6	6.604	99	1661469	100.662	ng	0.00
23) Nitrobenzene-d5	7.539	82	1598641	106.880	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	455186	114.127	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2337683	96.382	ng	0.00
79) Terphenyl-d14	13.086	244	2645683	104.256	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	398746	56.998	ng	98
3) Pyridine	3.581	79	1087655	58.572	ng	99
4) n-Nitrosodimethylamine	3.557	42	392960	56.023	ng	95
6) Aniline	6.639	93	1043487	46.978	ng	99
8) 2-Chlorophenol	6.757	128	701591	53.451	ng	97
9) Benzaldehyde	6.516	77	268976	30.201	ng	99
10) Phenol	6.622	94	944243	49.899	ng	98
11) bis(2-Chloroethyl)ether	6.704	93	996015	68.182	ng	99
12) 1,3-Dichlorobenzene	6.904	146	766341	54.405	ng	98
13) 1,4-Dichlorobenzene	6.981	146	751026	53.397	ng	99
14) 1,2-Dichlorobenzene	7.139	146	677691	50.206	ng	99
15) Benzyl Alcohol	7.110	79	556239	43.758	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.239	45	872248	46.823	ng	96
17) 2-Methylphenol	7.222	107	643222	52.507	ng	96
18) Hexachloroethane	7.475	117	305831	55.657	ng	99
19) n-Nitroso-di-n-propyla...	7.386	70	457419	45.030	ng	97
20) 3+4-Methylphenols	7.375	107	672545	42.495	ng	98
22) Acetophenone	7.381	105	871759	48.718	ng	# 97
24) Nitrobenzene	7.557	77	858029	53.638	ng	98
25) Isophorone	7.792	82	1584166	55.242	ng	100
26) 2-Nitrophenol	7.869	139	397823	56.365	ng	98
27) 2,4-Dimethylphenol	7.904	122	568430	51.028	ng	97
28) bis(2-Chloroethoxy)met...	7.992	93	919471	54.810	ng	99
29) 2,4-Dichlorophenol	8.110	162	633590	57.178	ng	98
30) 1,2,4-Trichlorobenzene	8.186	180	666265	55.372	ng	99
31) Naphthalene	8.275	128	1860116	51.202	ng	99
32) Benzoic acid	8.057	122	407613	50.554	ng	99
33) 4-Chloroaniline	8.328	127	644806	41.419	ng	99
34) Hexachlorobutadiene	8.381	225	425543	55.655	ng	98
35) Caprolactam	8.716	113	172285	47.160	ng	93
36) 4-Chloro-3-methylphenol	8.810	107	650663	53.467	ng	100
37) 2-Methylnaphthalene	8.963	142	1196330	48.321	ng	99
38) 1-Methylnaphthalene	9.063	142	1165000	50.351	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	661028	54.707	ng	99
41) Hexachlorocyclopentadiene	9.110	237	330529	50.434	ng	99
43) 2,4,6-Trichlorophenol	9.245	196	452511	55.261	ng	99

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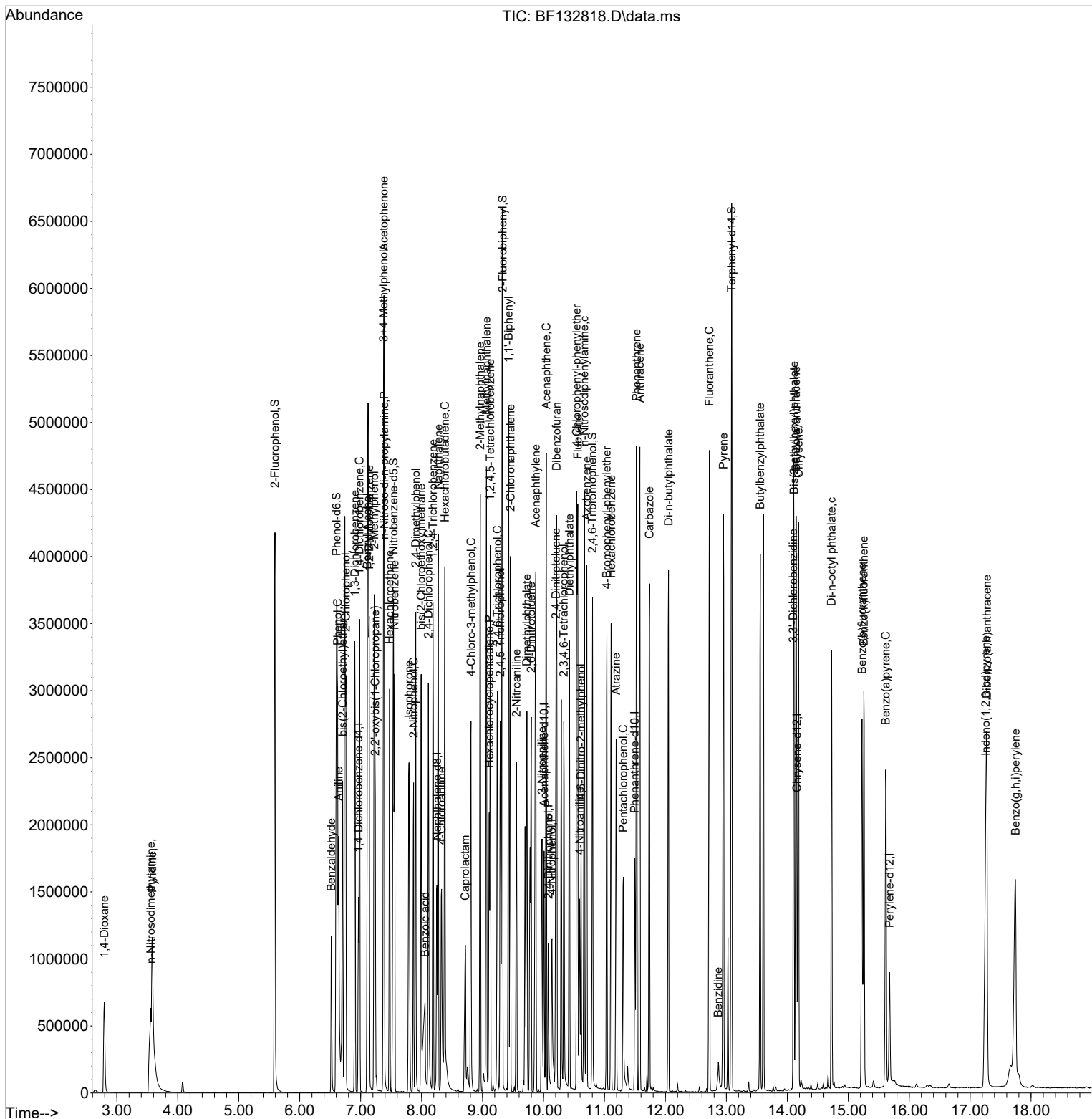
Instrument :
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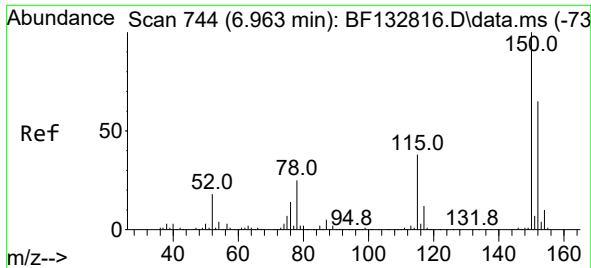
Quant Time: Mar 17 02:34:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	538767	56.373	ng	99
46) 1,1'-Biphenyl	9.428	154	1461829	52.297	ng	98
47) 2-Chloronaphthalene	9.457	162	1193764	53.865	ng	99
48) 2-Nitroaniline	9.557	65	409368	50.153	ng	98
49) Acenaphthylene	9.875	152	1700271	48.206	ng	100
50) Dimethylphthalate	9.727	163	1440854	53.582	ng	100
51) 2,6-Dinitrotoluene	9.798	165	335183	54.732	ng	95
52) Acenaphthene	10.045	154	1059005	47.284	ng	99
53) 3-Nitroaniline	9.975	138	379136	55.344	ng	99
54) 2,4-Dinitrophenol	10.080	184	201147	55.996	ng	97
55) Dibenzofuran	10.216	168	1586443	48.588	ng	98
56) 4-Nitrophenol	10.139	139	264332	51.740	ng	98
57) 2,4-Dinitrotoluene	10.204	165	413078	50.702	ng	94
58) Fluorene	10.563	166	1304498	52.232	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.333	232	379711	53.484	ng	99
60) Diethylphthalate	10.427	149	1371209	52.211	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	698208	53.890	ng	95
62) 4-Nitroaniline	10.592	138	304066	45.218	ng	96
63) Azobenzene	10.710	77	1450011	52.133	ng	98
65) 4,6-Dinitro-2-methylph...	10.616	198	275560	59.308	ng	97
66) n-Nitrosodiphenylamine	10.669	169	1184194	55.343	ng	100
67) 4-Bromophenyl-phenylether	11.039	248	460435	59.306	ng	96
68) Hexachlorobenzene	11.110	284	487621	59.690	ng	97
69) Atrazine	11.192	200	351539	52.625	ng	100
70) Pentachlorophenol	11.310	266	245736	50.559	ng	98
71) Phenanthrene	11.527	178	1862138	52.372	ng	100
72) Anthracene	11.580	178	1889741	51.611	ng	100
73) Carbazole	11.739	167	1693318	51.294	ng	99
74) Di-n-butylphthalate	12.051	149	2116770	54.664	ng	100
75) Fluoranthene	12.721	202	2032124	52.280	ng	98
77) Benzidine	12.868	184	143128	13.704	ng	97
78) Pyrene	12.951	202	2038903	52.267	ng	100
80) Butylbenzylphthalate	13.557	149	931256	60.496	ng	96
81) Benzo(a)anthracene	14.145	228	1812275	56.451	ng	99
82) 3,3'-Dichlorobenzidine	14.098	252	433037	45.753	ng	97
83) Chrysene	14.186	228	1656306	55.173	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	1096790	57.999	ng #	98
85) Di-n-octyl phthalate	14.727	149	1662589	60.165	ng	100
87) Indeno(1,2,3-cd)pyrene	17.256	276	1656528	63.630	ng	99
88) Benzo(b)fluoranthene	15.227	252	1457178	54.728	ng	99
89) Benzo(k)fluoranthene	15.257	252	1464735	56.209	ng	99
90) Benzo(a)pyrene	15.615	252	1359122	54.540	ng	99
91) Dibenzo(a,h)anthracene	17.274	278	1342976	63.314	ng	99
92) Benzo(g,h,i)perylene	17.745	276	1459517	66.073	ng	98

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

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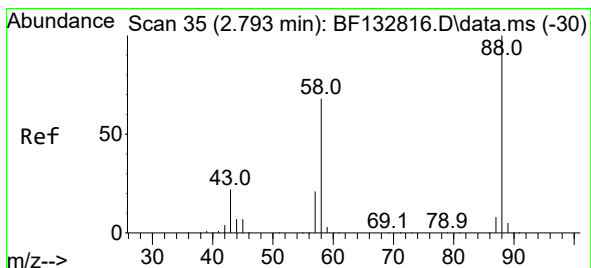
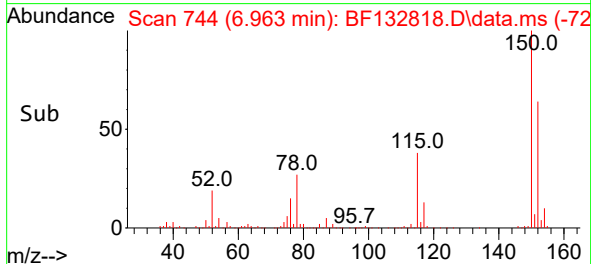
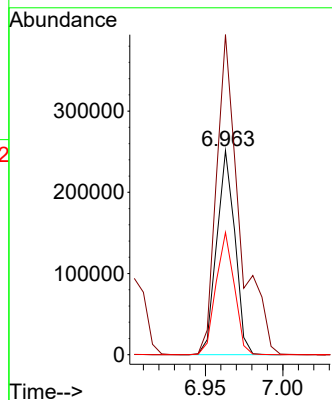
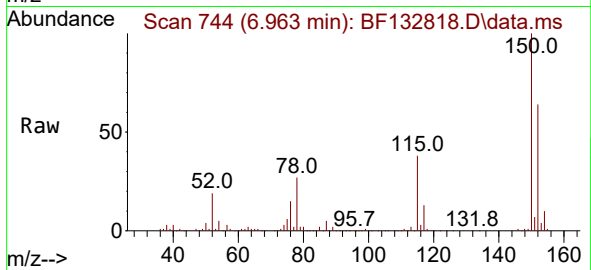




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: BF132818.D
 Acq: 16 Mar 2023 17:56

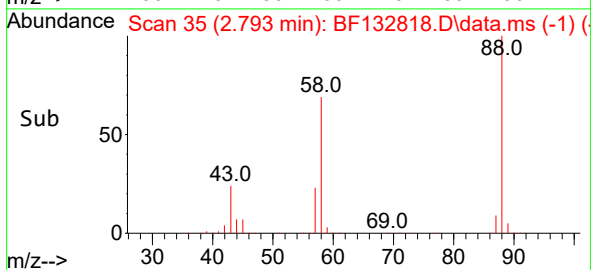
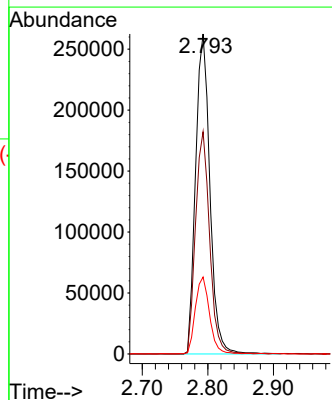
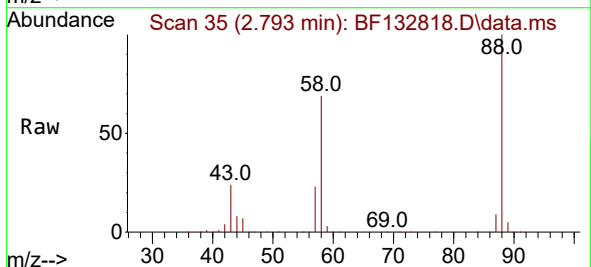
Instrument :
 BNA_F
 ClientSampleId :

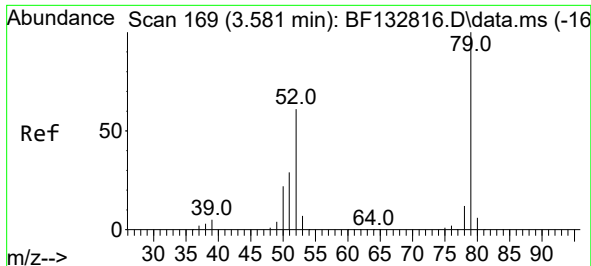
Tgt Ion:152 Resp: 205257
 Ion Ratio Lower Upper
 152 100
 150 156.9 122.7 184.1
 115 60.0 46.2 69.4



#2
 1,4-Dioxane
 Concen: 56.998 ng
 RT: 2.793 min Scan# 35
 Delta R.T. 0.000 min
 Lab File: BF132818.D
 Acq: 16 Mar 2023 17:56

Tgt Ion: 88 Resp: 398746
 Ion Ratio Lower Upper
 88 100
 58 68.6 53.8 80.8
 43 23.7 18.2 27.4





#3

Pyridine

Concen: 58.572 ng

RT: 3.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

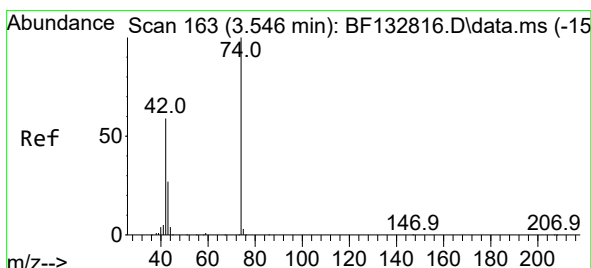
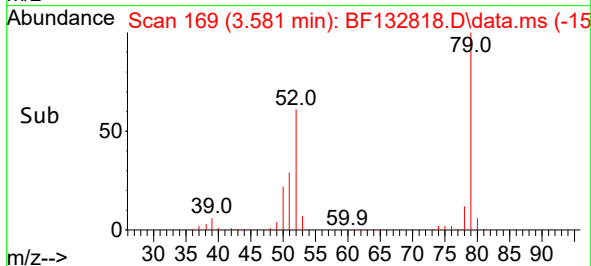
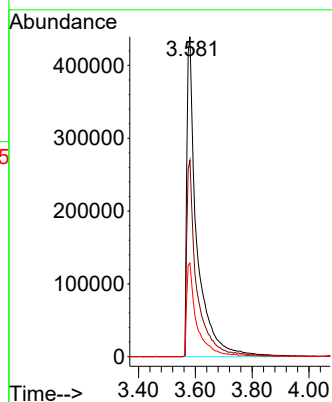
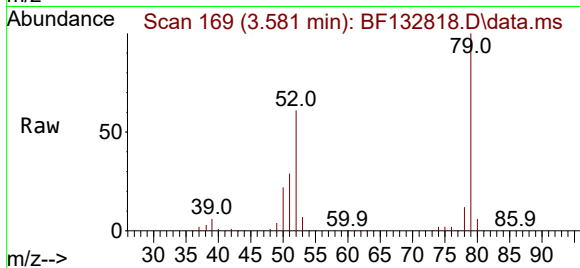
Tgt Ion: 79 Resp: 1087655

Ion Ratio Lower Upper

79 100

52 61.3 48.5 72.7

51 29.3 23.1 34.7



#4

n-Nitrosodimethylamine

Concen: 56.023 ng

RT: 3.557 min Scan# 165

Delta R.T. 0.012 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

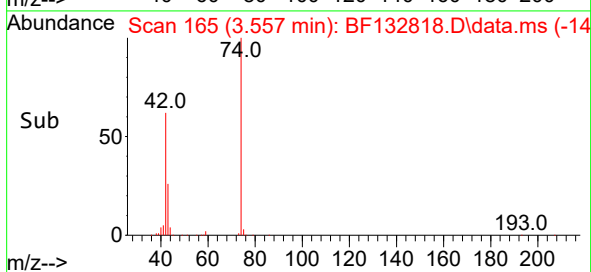
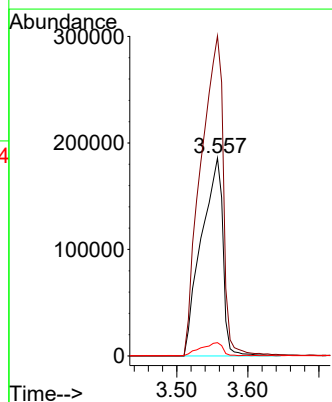
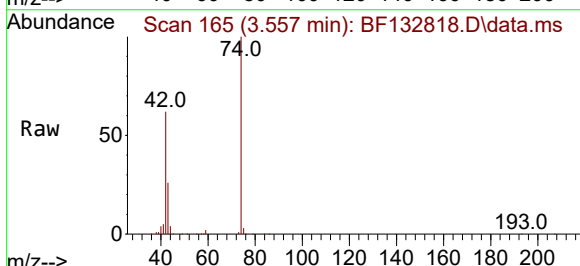
Tgt Ion: 42 Resp: 392960

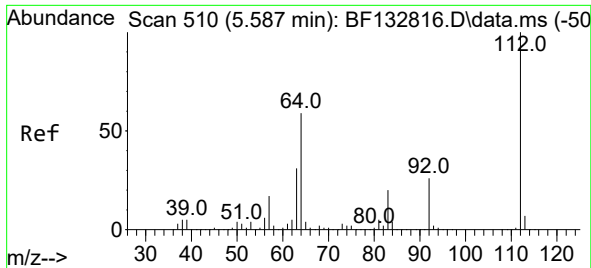
Ion Ratio Lower Upper

42 100

74 161.6 135.2 202.8

44 6.7 6.0 9.0

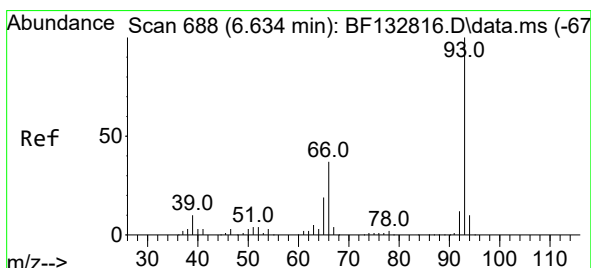
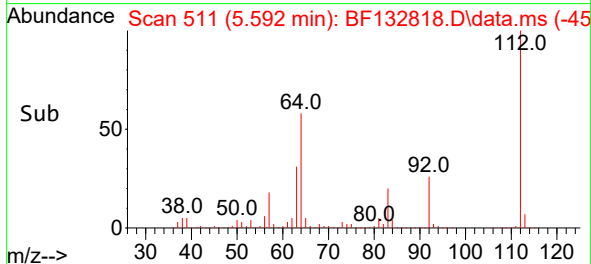
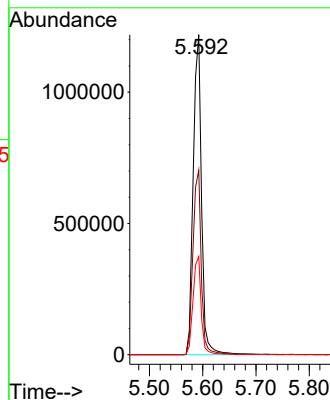
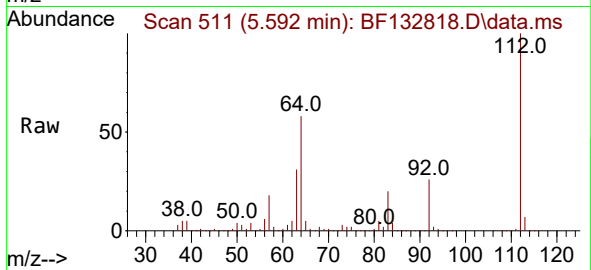




#5
2-Fluorophenol
Concen: 105.147 ng
RT: 5.592 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

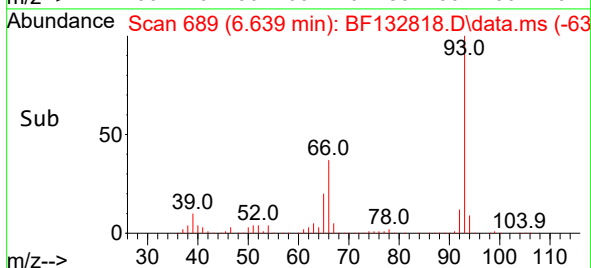
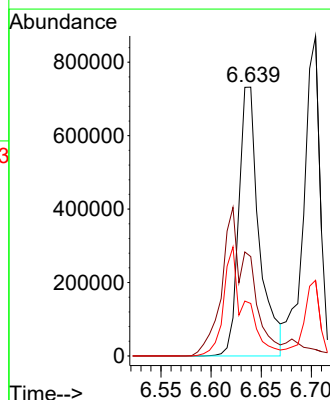
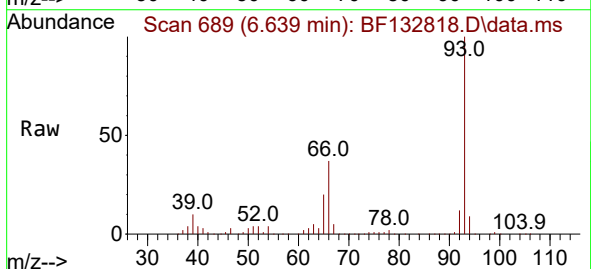
Instrument :
BNA_F
ClientSampleId :

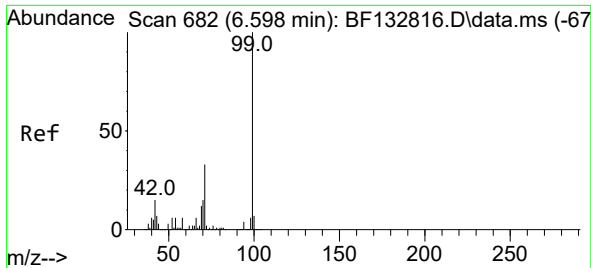
Tgt Ion:112 Resp: 1329797
Ion Ratio Lower Upper
112 100
64 57.6 47.1 70.7
63 30.7 24.4 36.6



#6
Aniline
Concen: 46.978 ng
RT: 6.639 min Scan# 689
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion: 93 Resp: 1043487
Ion Ratio Lower Upper
93 100
66 37.0 30.1 45.1
65 19.5 15.0 22.6

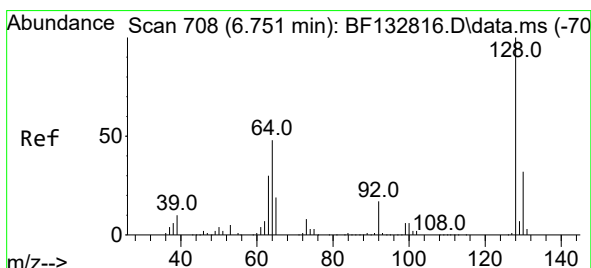
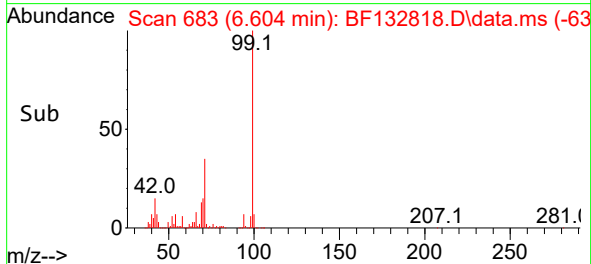
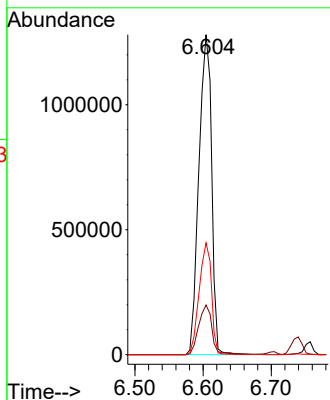
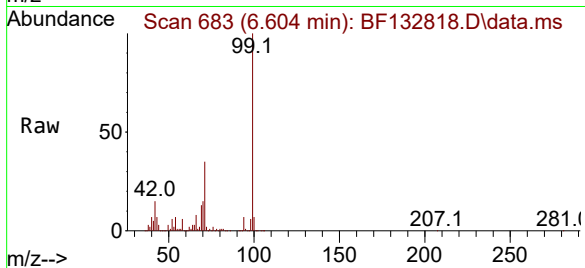




#7
Phenol-d6
Concen: 100.662 ng
RT: 6.604 min Scan# 683
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

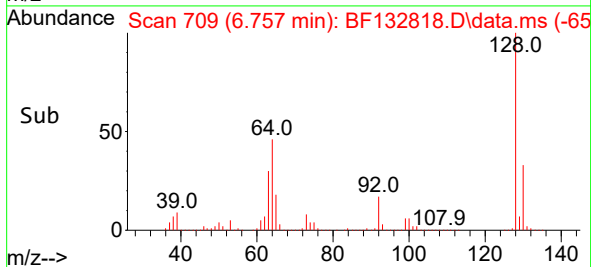
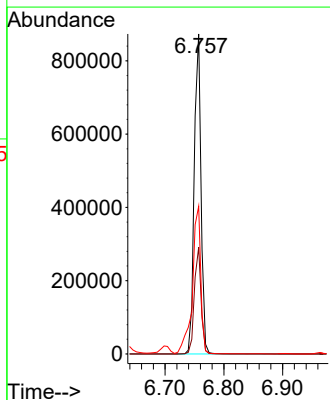
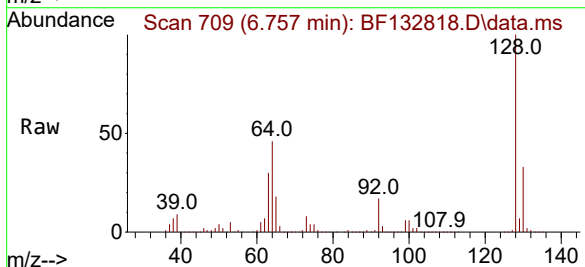
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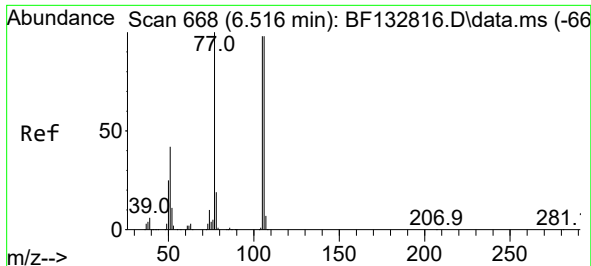
Tgt Ion: 99 Resp: 1661469
Ion Ratio Lower Upper
99 100
42 15.5 11.9 17.9
71 35.0 26.3 39.5



#8
2-Chlorophenol
Concen: 53.451 ng
RT: 6.757 min Scan# 709
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion:128 Resp: 701591
Ion Ratio Lower Upper
128 100
130 33.3 12.4 52.4
64 46.2 28.4 68.4

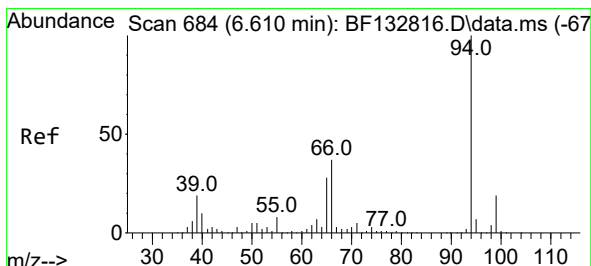
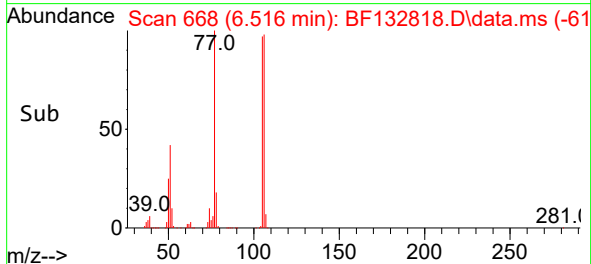
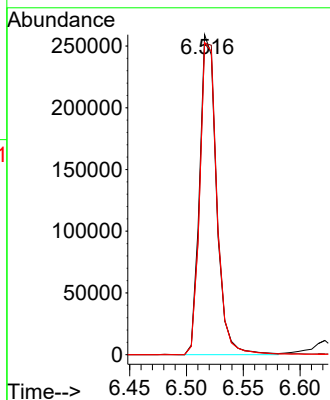
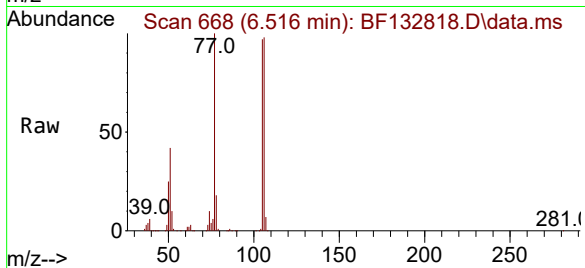




#9
Benzaldehyde
Concen: 30.201 ng
RT: 6.516 min Scan# 610
Delta R.T. 0.000 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

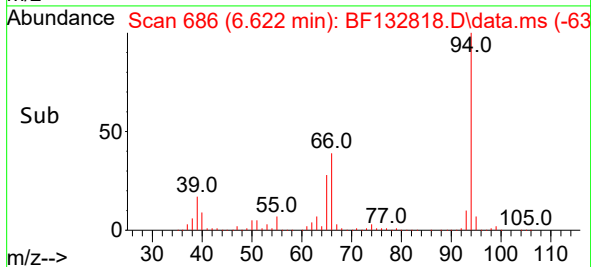
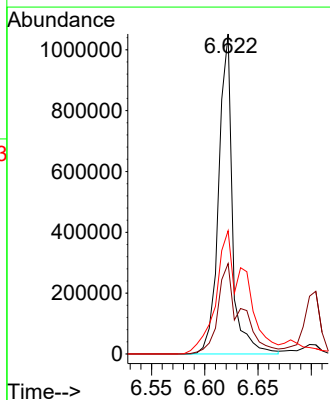
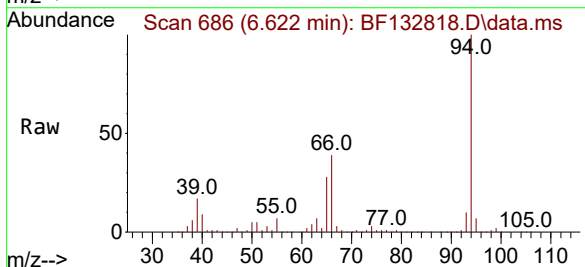
Instrument :
BNA_F
ClientSampleId :

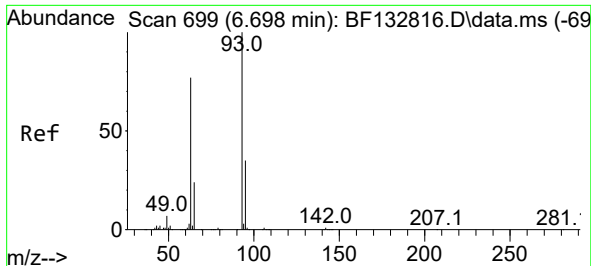
Tgt Ion: 77 Resp: 268976
Ion Ratio Lower Upper
77 100
105 97.4 77.5 117.5
106 97.6 78.5 118.5



#10
Phenol
Concen: 49.899 ng
RT: 6.622 min Scan# 686
Delta R.T. 0.012 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion: 94 Resp: 944243
Ion Ratio Lower Upper
94 100
65 28.3 7.7 47.7
66 38.5 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 68.182 ng

RT: 6.704 min Scan# 700

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

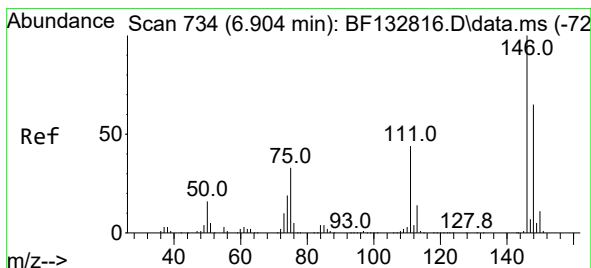
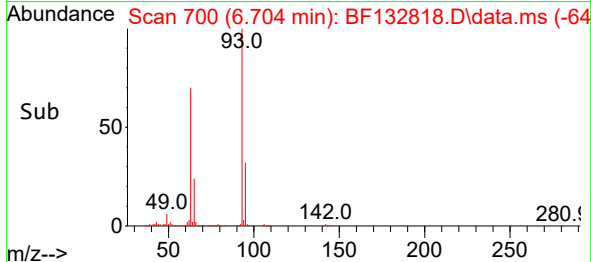
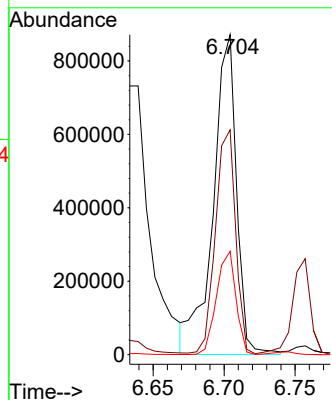
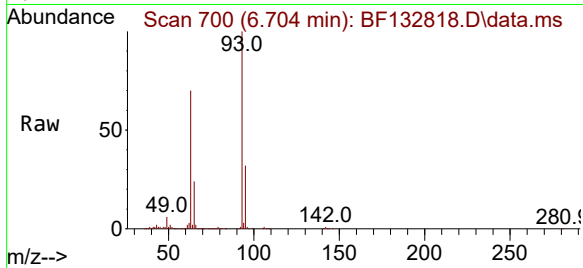
Tgt Ion: 93 Resp: 996015

Ion Ratio Lower Upper

93 100

63 70.2 50.5 90.5

95 32.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 54.405 ng

RT: 6.904 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

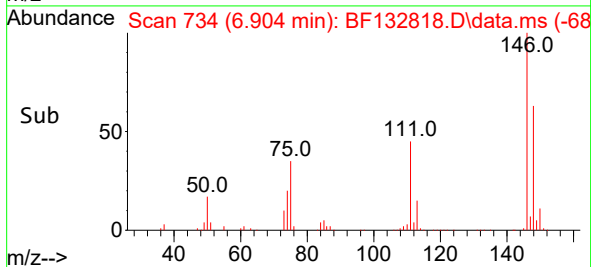
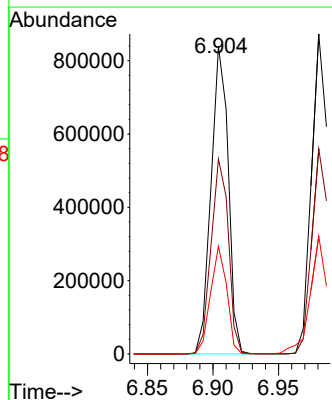
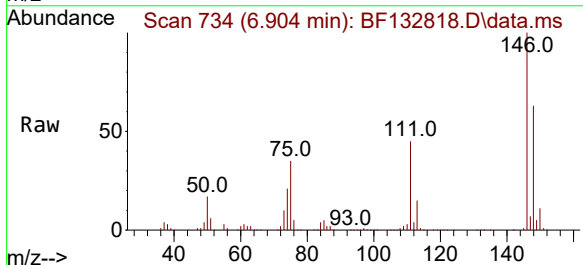
Tgt Ion:146 Resp: 766341

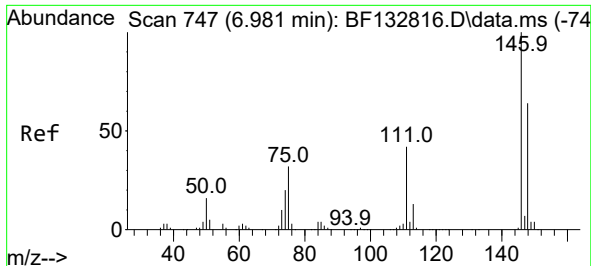
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

75 35.0 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 53.397 ng

RT: 6.981 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

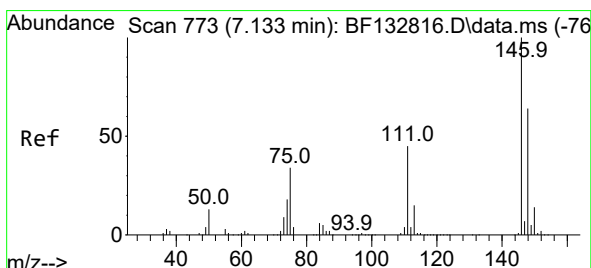
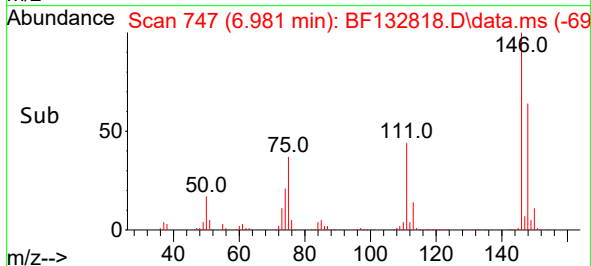
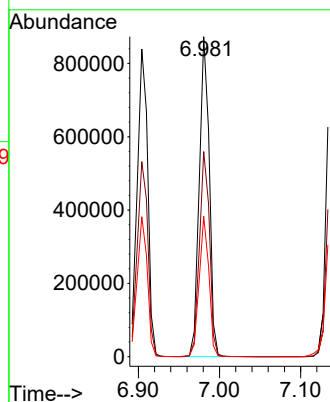
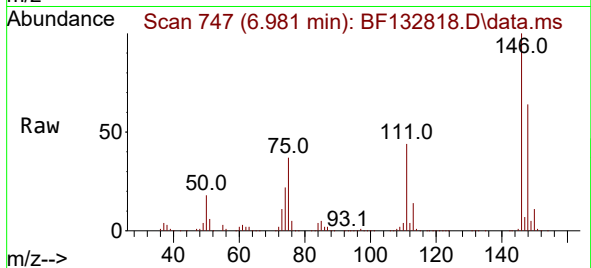
Tgt Ion:146 Resp: 751026

Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

111 43.9 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 50.206 ng

RT: 7.139 min Scan# 774

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

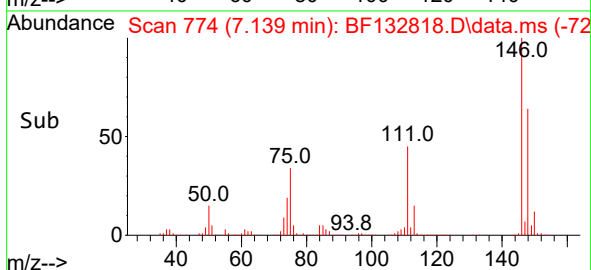
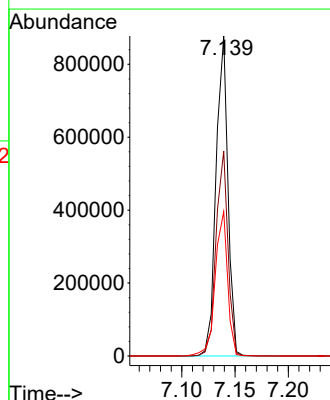
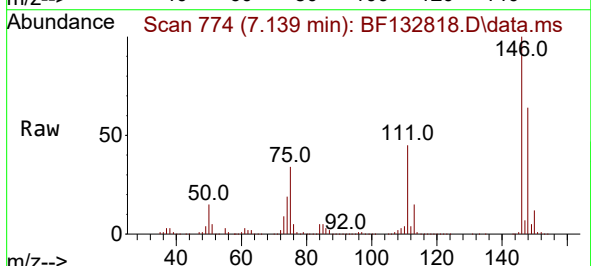
Tgt Ion:146 Resp: 677691

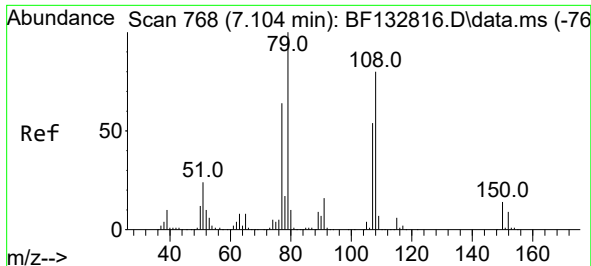
Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

111 45.1 35.8 53.8

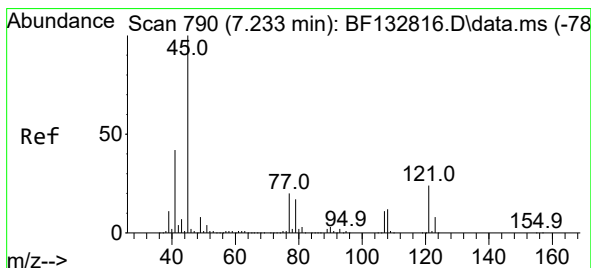
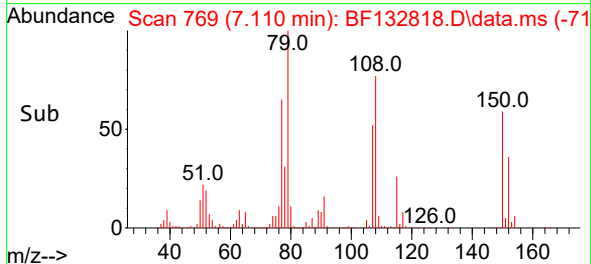
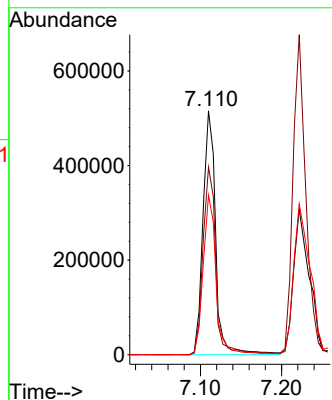
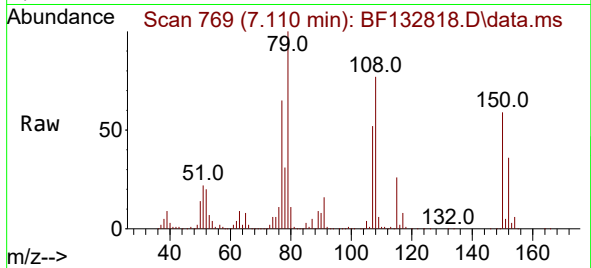




#15
Benzyl Alcohol
Concen: 43.758 ng
RT: 7.110 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

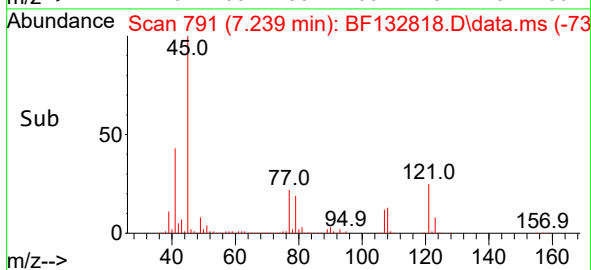
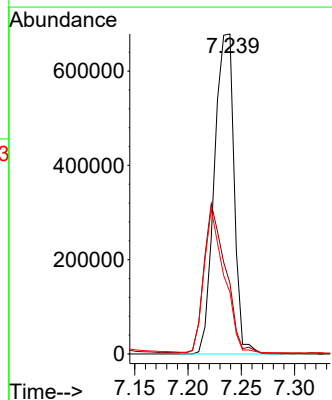
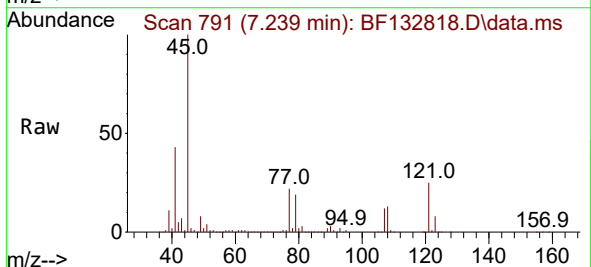
Instrument :
BNA_F
ClientSampleId :

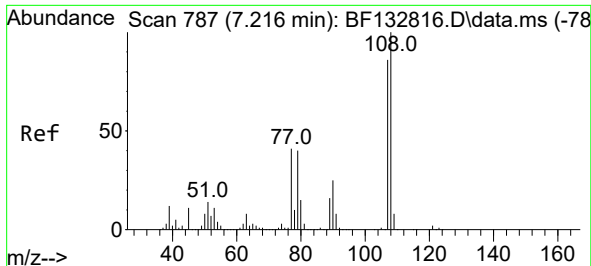
Tgt Ion: 79 Resp: 556239
Ion Ratio Lower Upper
79 100
108 76.9 64.2 96.2
77 65.5 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.823 ng
RT: 7.239 min Scan# 791
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion: 45 Resp: 872248
Ion Ratio Lower Upper
45 100
77 22.1 0.7 40.7
79 19.3 0.0 37.2

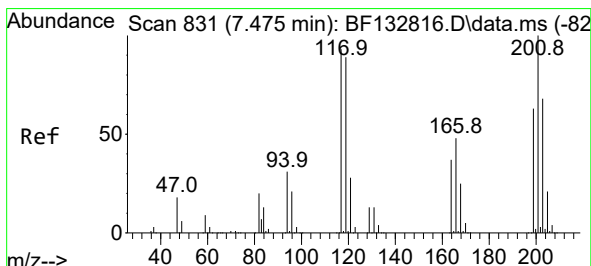
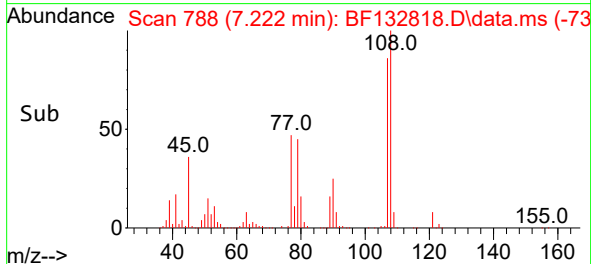
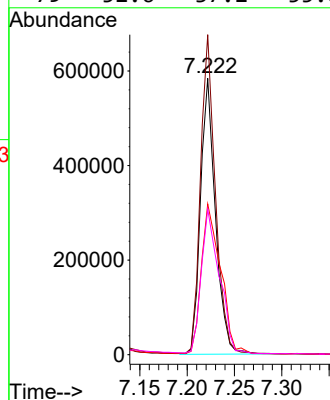
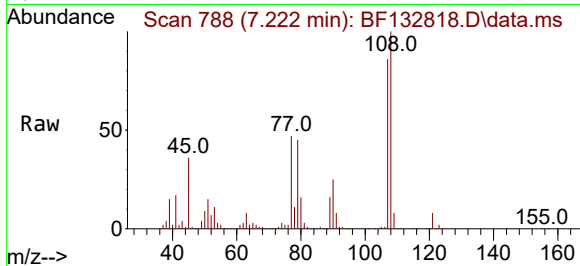




#17
2-Methylphenol
Concen: 52.507 ng
RT: 7.222 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

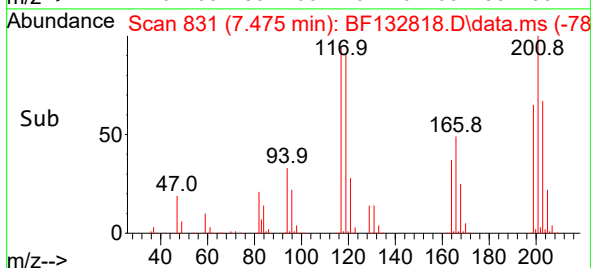
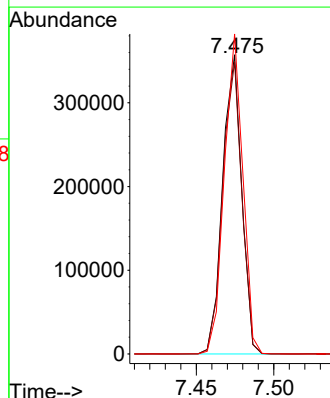
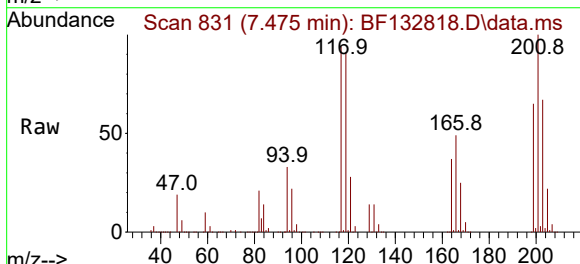
Instrument :
BNA_F
ClientSampleId :

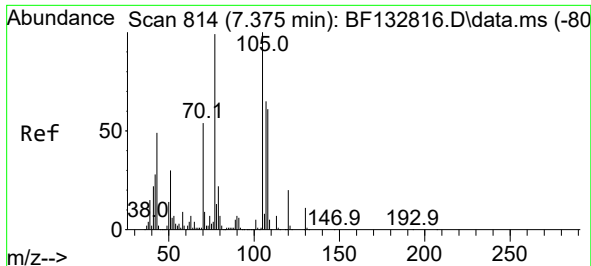
Tgt Ion:107 Resp: 643222
Ion Ratio Lower Upper
107 100
108 115.8 92.6 139.0
77 54.5 38.6 57.8
79 52.6 37.2 55.8



#18
Hexachloroethane
Concen: 55.657 ng
RT: 7.475 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion:117 Resp: 305831
Ion Ratio Lower Upper
117 100
119 97.7 77.3 115.9
201 106.9 86.4 129.6

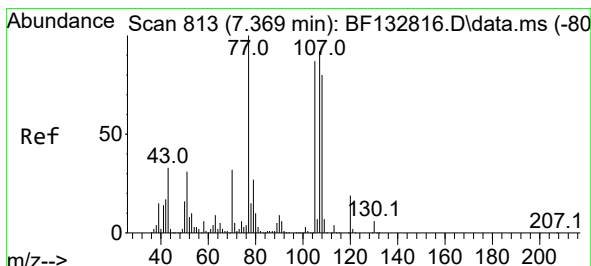
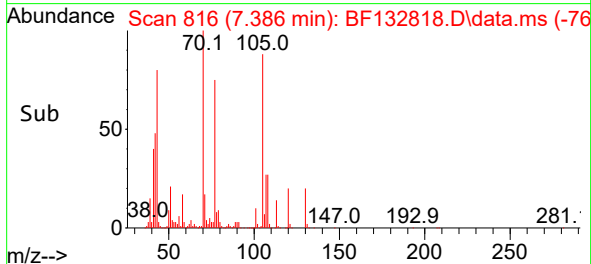
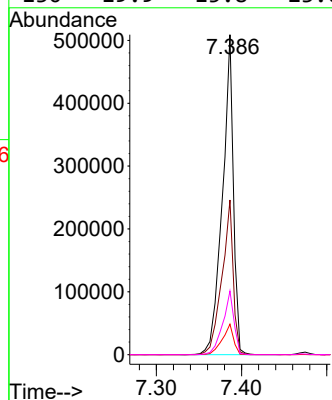
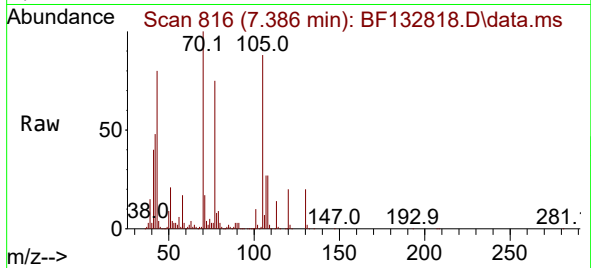




#19
n-Nitroso-di-n-propylamine
Concen: 45.030 ng
RT: 7.386 min Scan# 814
Delta R.T. 0.012 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

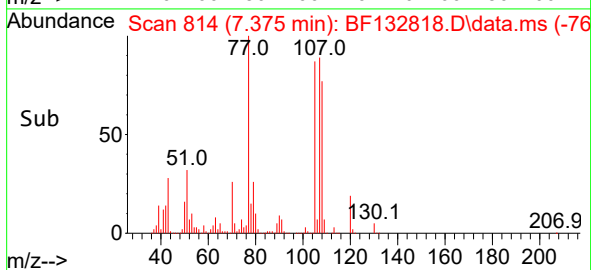
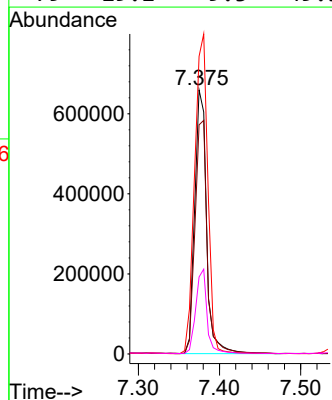
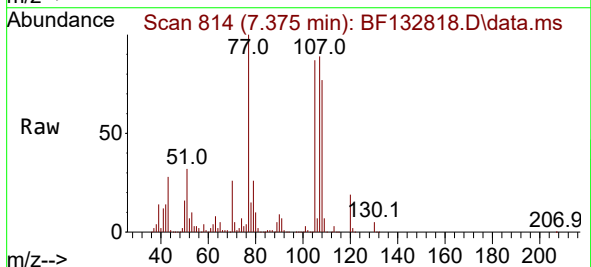
Instrument :
BNA_F
ClientSampleId :

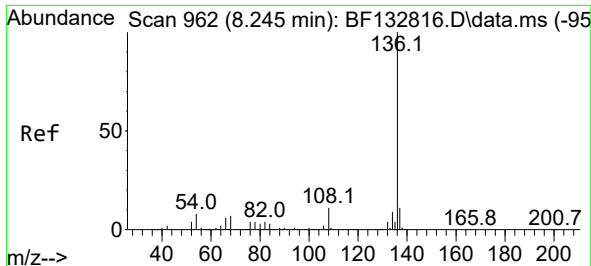
Tgt Ion: 70 Resp: 457419
Ion Ratio Lower Upper
70 100
42 48.4 40.9 61.3
101 9.6 7.8 11.6
130 19.9 15.8 23.6



#20
3+4-Methylphenols
Concen: 42.495 ng
RT: 7.375 min Scan# 814
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

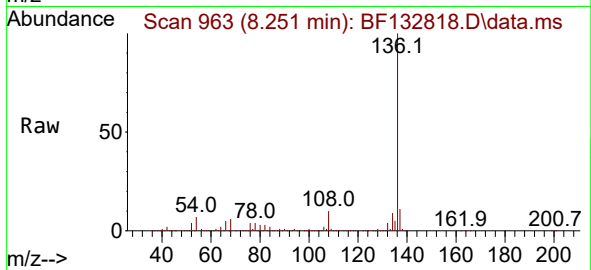
Tgt Ion: 107 Resp: 672545
Ion Ratio Lower Upper
107 100
108 86.8 67.6 107.6
77 112.7 89.1 129.1
79 29.2 9.3 49.3



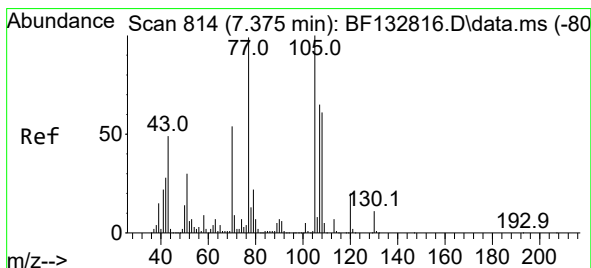
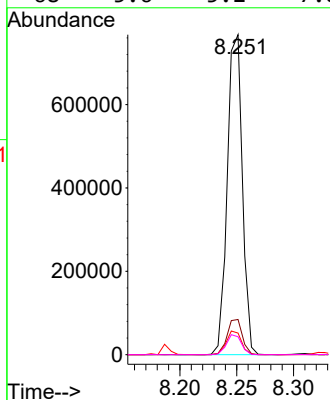
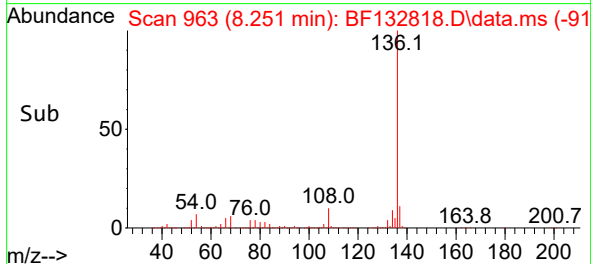


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

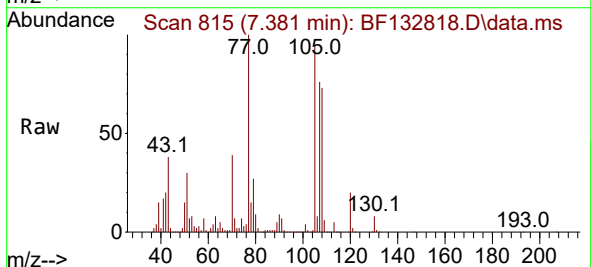
Instrument :
BNA_F
ClientSampleId :



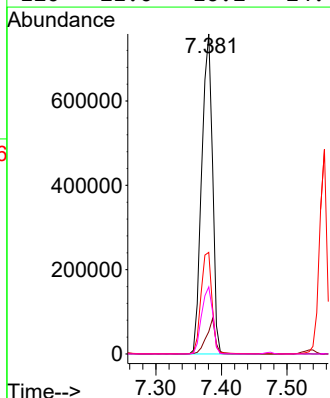
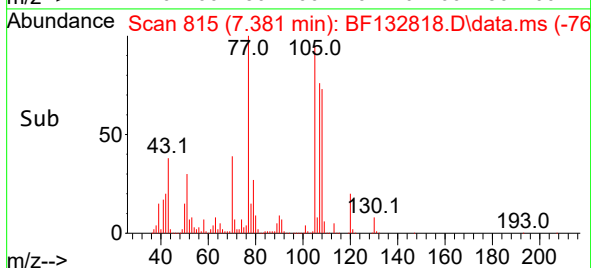
Tgt Ion:136 Resp: 709643
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 6.7 6.1 9.1
68 5.6 5.2 7.8

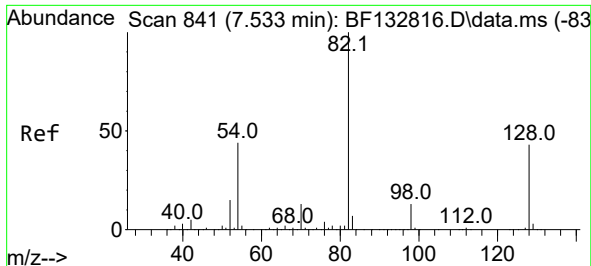


#22
Acetophenone
Concen: 48.718 ng
RT: 7.381 min Scan# 815
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56



Tgt Ion:105 Resp: 871759
Ion Ratio Lower Upper
105 100
71 7.0 7.3 10.9#
51 31.7 23.9 35.9
120 21.0 16.2 24.4





#23

Nitrobenzene-d5

Concen: 106.880 ng

RT: 7.539 min Scan# 841

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

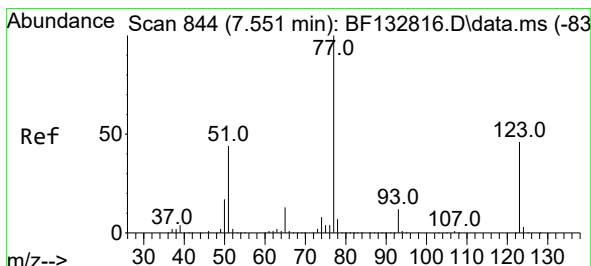
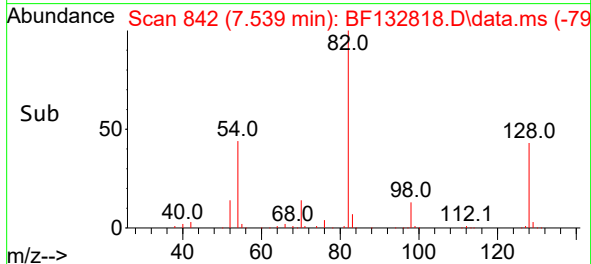
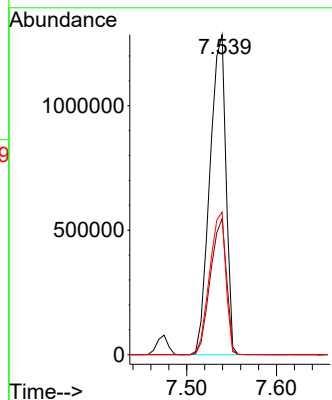
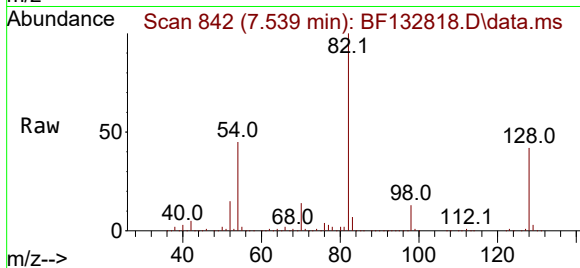
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1598641

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.4	51.6
54	44.5	35.2	52.8



#24

Nitrobenzene

Concen: 53.638 ng

RT: 7.557 min Scan# 845

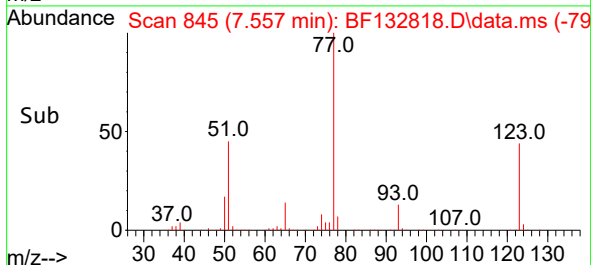
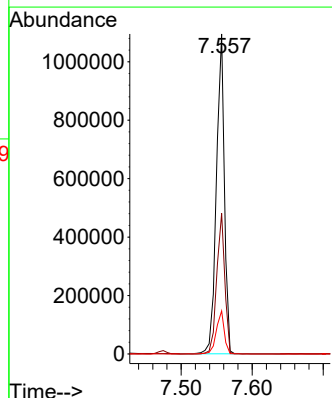
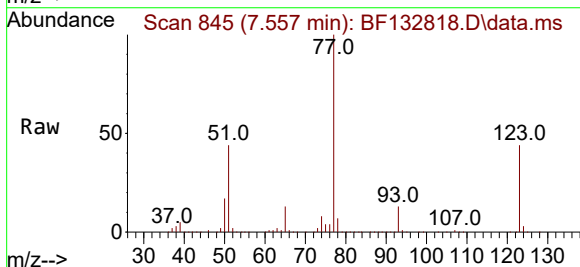
Delta R.T. 0.006 min

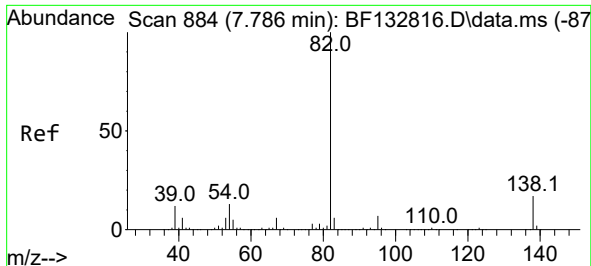
Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Tgt Ion: 77 Resp: 858029

Ion	Ratio	Lower	Upper
77	100		
123	43.9	36.4	54.6
65	13.5	10.3	15.5

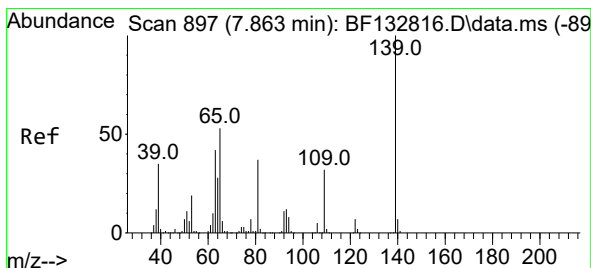
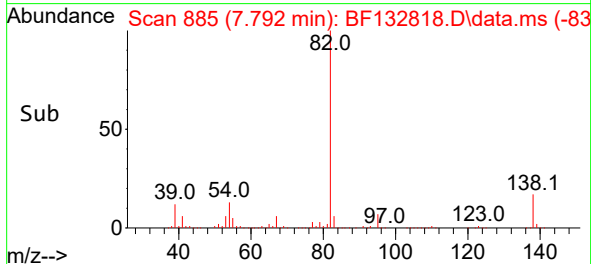
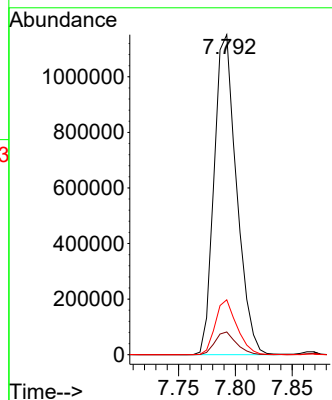
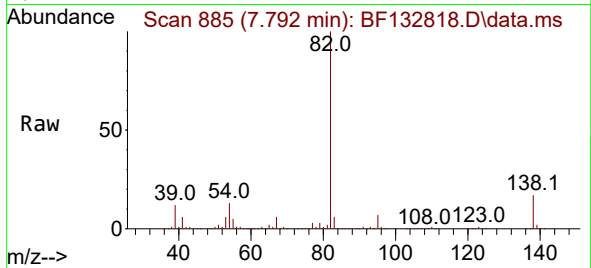




#25
Isophorone
Concen: 55.242 ng
RT: 7.792 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

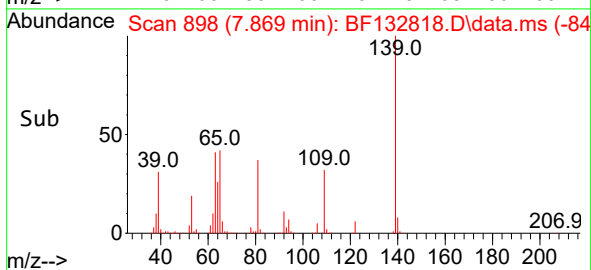
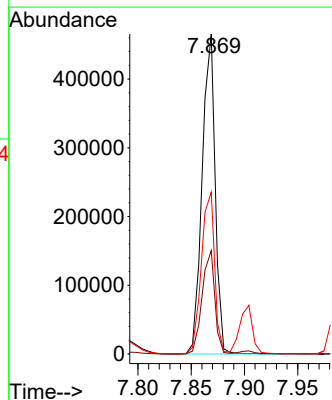
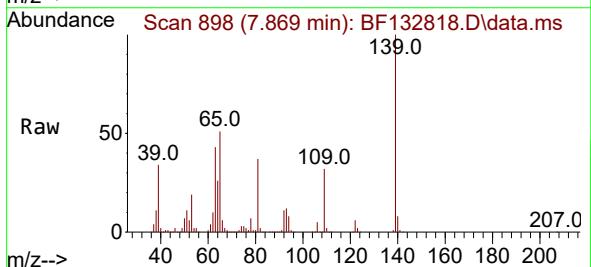
Instrument :
BNA_F
ClientSampleId :

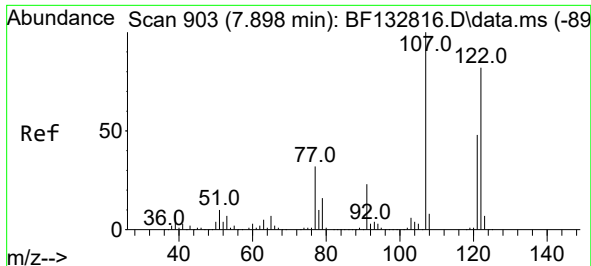
Tgt Ion: 82 Resp: 1584166
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 17.2 13.7 20.5



#26
2-Nitrophenol
Concen: 56.365 ng
RT: 7.869 min Scan# 898
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion:139 Resp: 397823
Ion Ratio Lower Upper
139 100
109 32.3 25.8 38.8
65 50.6 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 51.028 ng

RT: 7.904 min Scan# 903

Delta R.T. 0.006 min

Lab File: BF132818.D

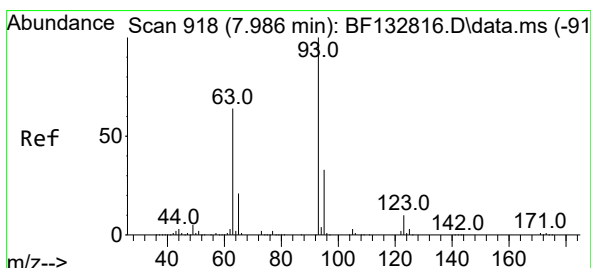
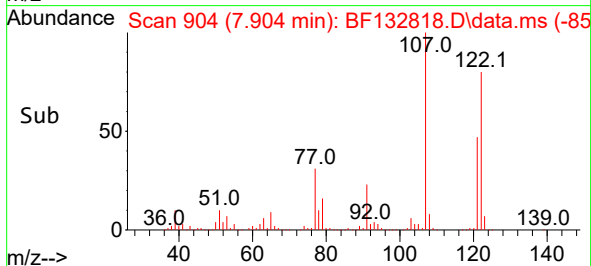
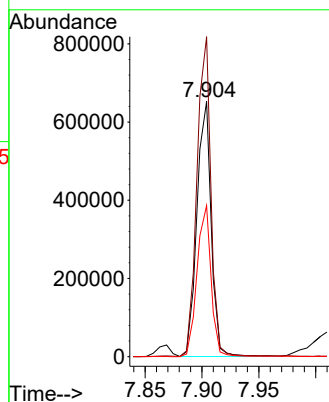
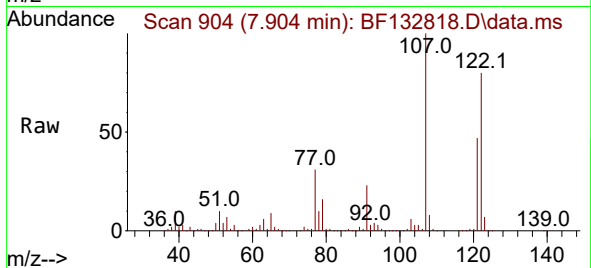
Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:122	Resp: 568430
Ion Ratio	Lower Upper
122	100
107	125.4 97.0 145.4
121	59.2 46.4 69.6



#28

bis(2-Chloroethoxy)methane

Concen: 54.810 ng

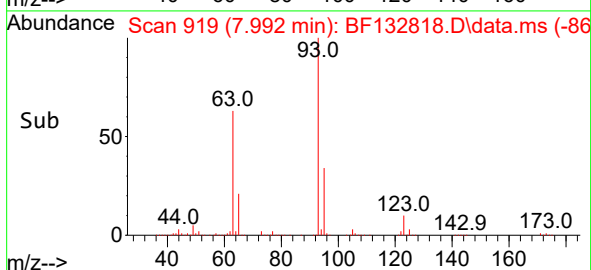
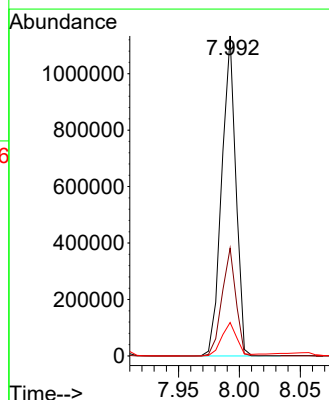
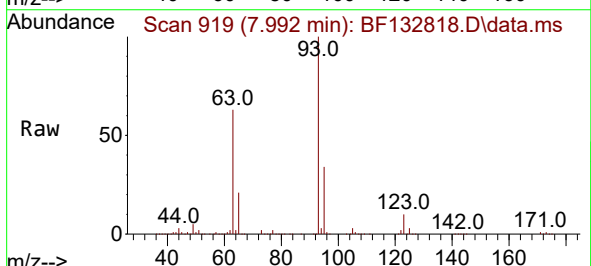
RT: 7.992 min Scan# 919

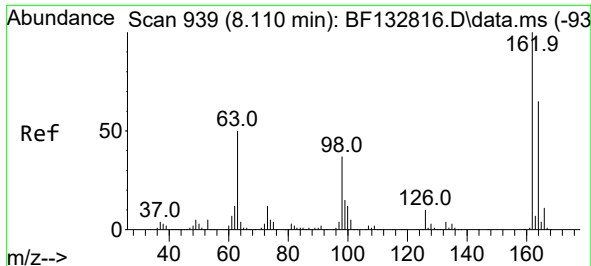
Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Tgt Ion: 93	Resp: 919471
Ion Ratio	Lower Upper
93	100
95	33.7 26.4 39.6
123	10.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 57.178 ng

RT: 8.110 min Scan# 91

Delta R.T. 0.000 min

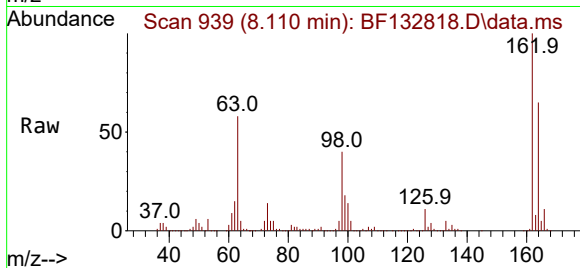
Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :



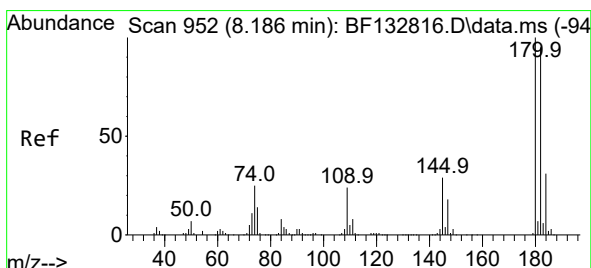
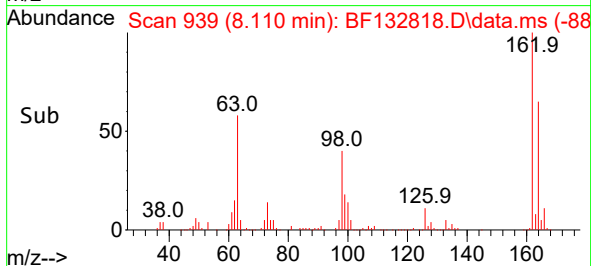
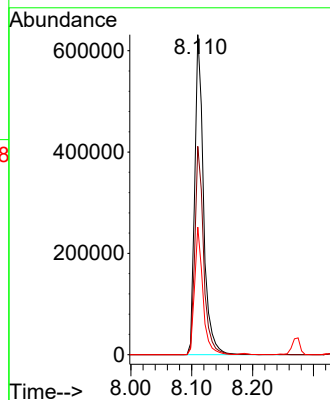
Tgt Ion:162 Resp: 633590

Ion Ratio Lower Upper

162 100

164 65.1 44.7 84.7

98 39.8 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 55.372 ng

RT: 8.186 min Scan# 952

Delta R.T. 0.000 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

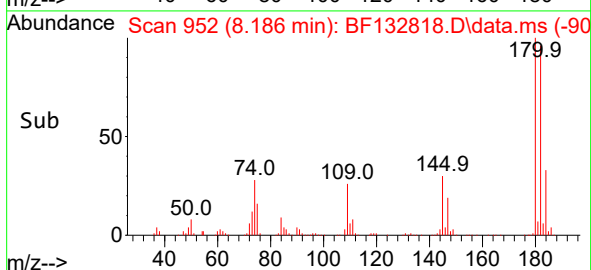
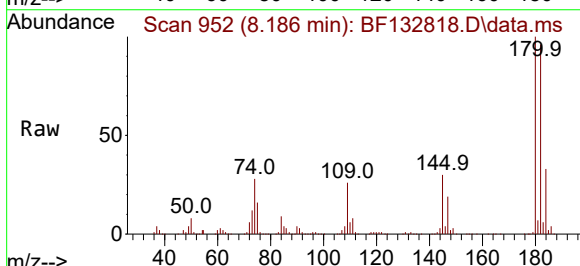
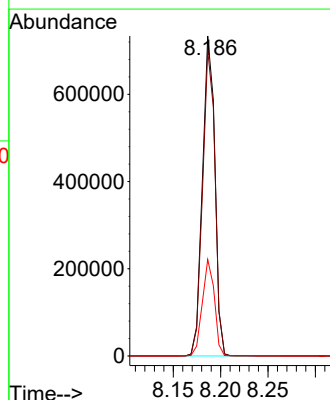
Tgt Ion:180 Resp: 666265

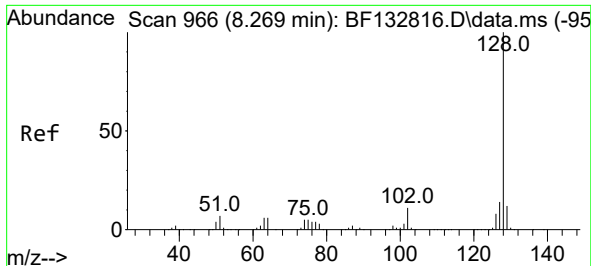
Ion Ratio Lower Upper

180 100

182 95.6 75.9 113.9

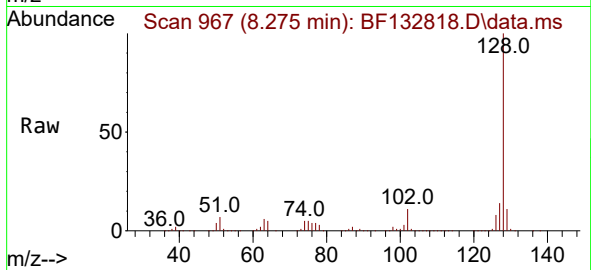
145 30.2 23.0 34.4



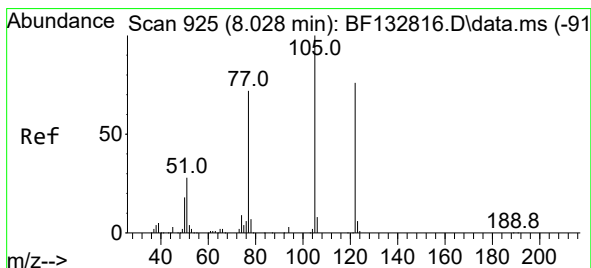
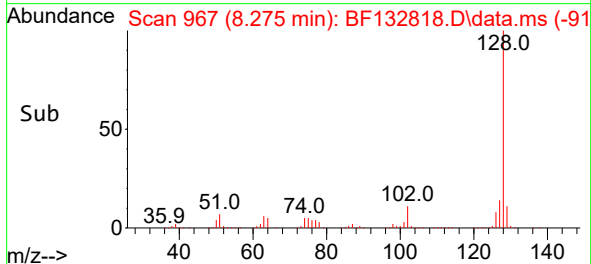
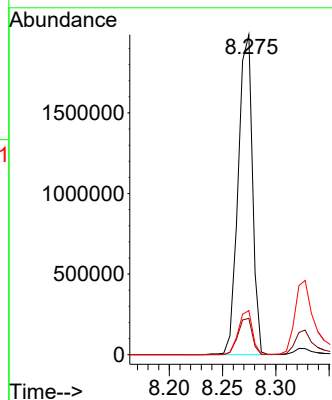


#31
Naphthalene
Concen: 51.202 ng
RT: 8.275 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Instrument :
BNA_F
ClientSampleId :

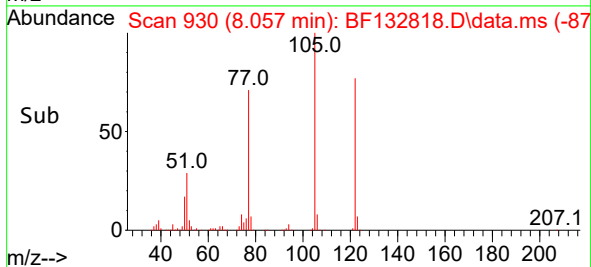
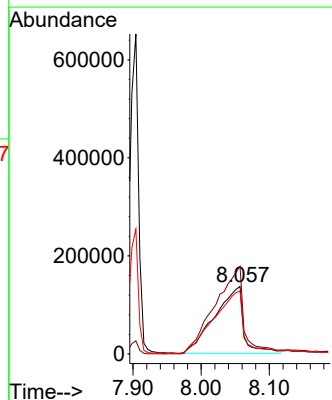
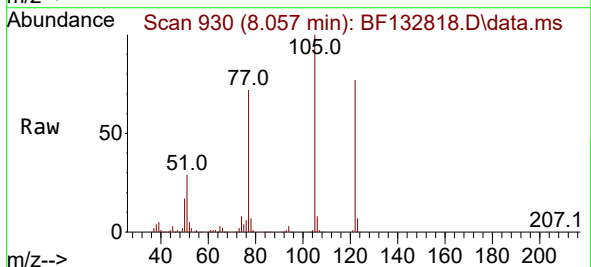


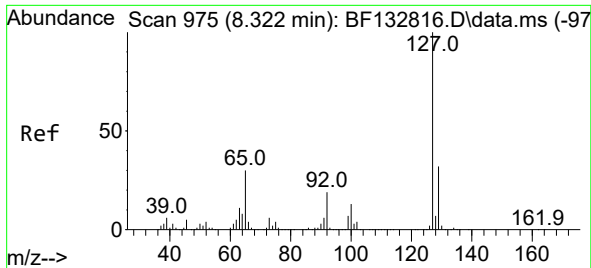
Tgt Ion:128 Resp: 1860116
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 50.554 ng
RT: 8.057 min Scan# 930
Delta R.T. 0.029 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion:122 Resp: 407613
Ion Ratio Lower Upper
122 100
105 129.9 110.8 150.8
77 93.1 74.2 114.2



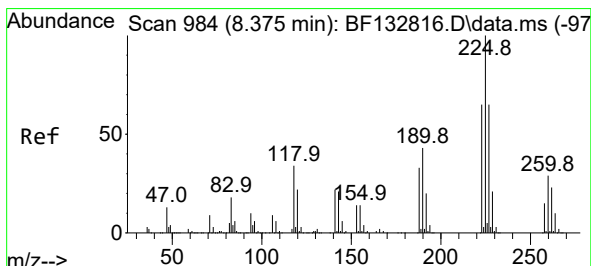
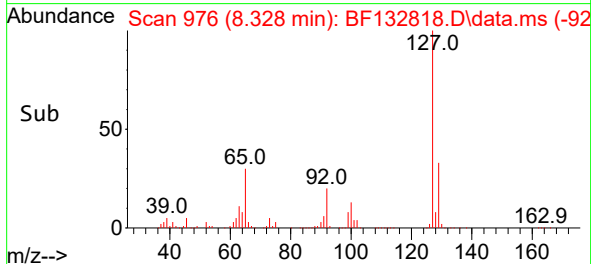
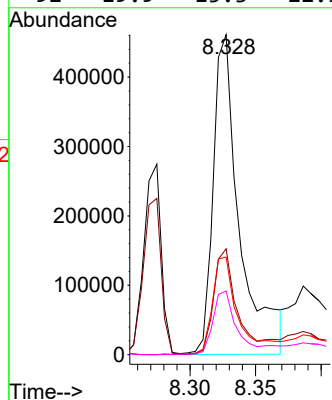
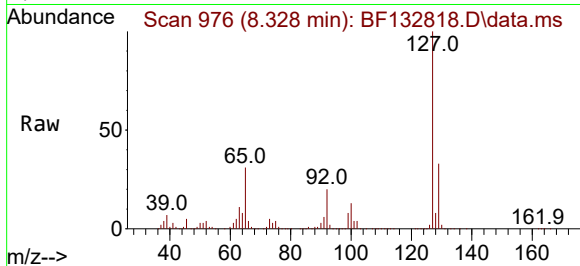


#33
4-Chloroaniline
Concen: 41.419 ng
RT: 8.328 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 644806

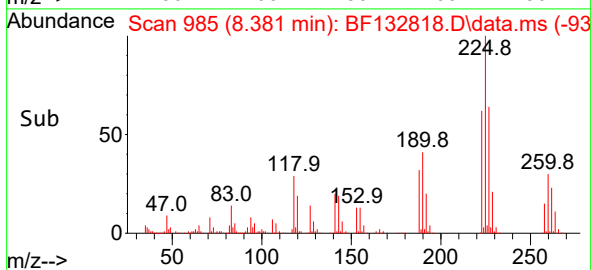
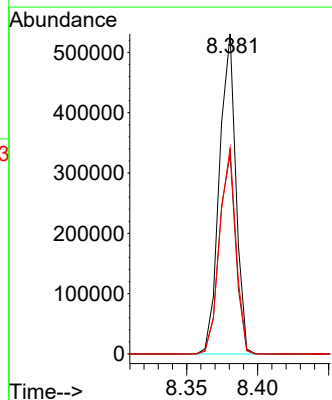
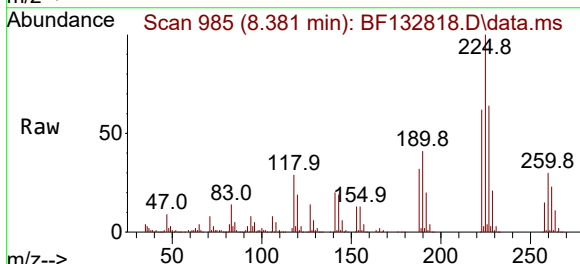
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.8	38.6
65	30.5	24.1	36.1
92	19.9	15.3	22.9

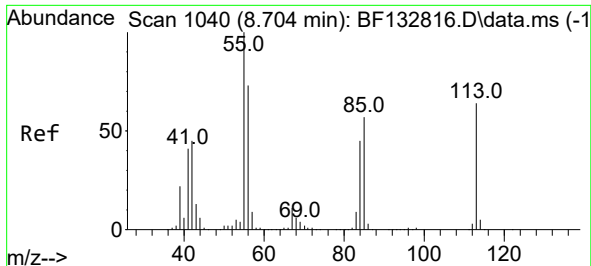


#34
Hexachlorobutadiene
Concen: 55.655 ng
RT: 8.381 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion:225 Resp: 425543

Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.8	77.6
227	64.4	52.2	78.2





#35

Caprolactam

Concen: 47.160 ng

RT: 8.716 min Scan# 1042

Delta R.T. 0.012 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

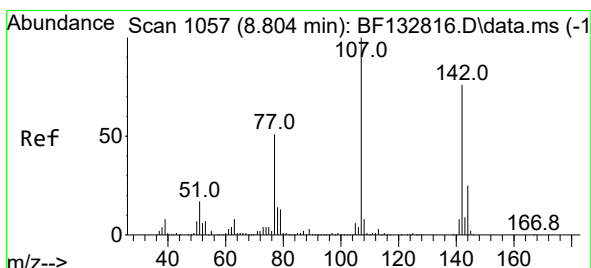
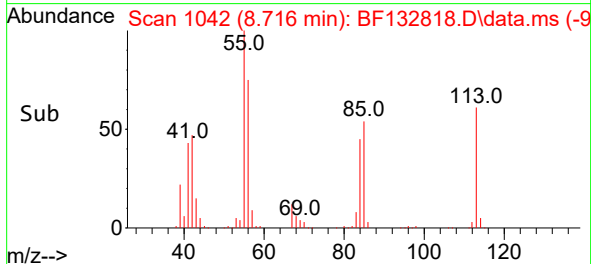
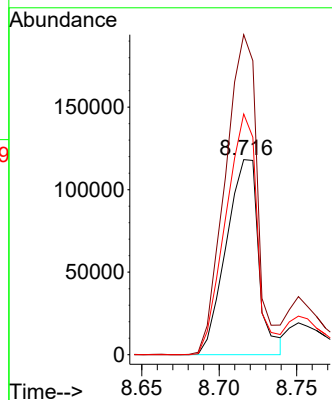
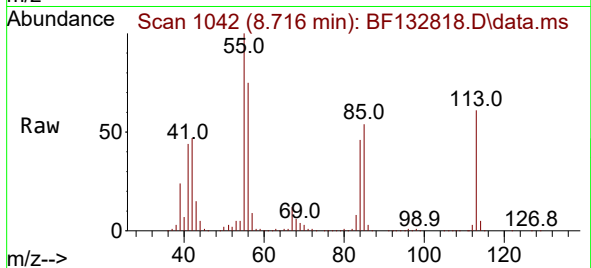
Tgt Ion:113 Resp: 172285

Ion Ratio Lower Upper

113 100

55 164.1 136.3 176.3

56 123.4 94.7 134.7



#36

4-Chloro-3-methylphenol

Concen: 53.467 ng

RT: 8.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

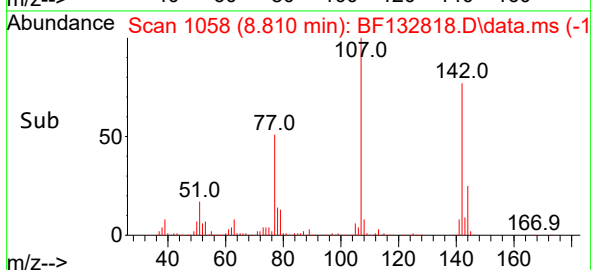
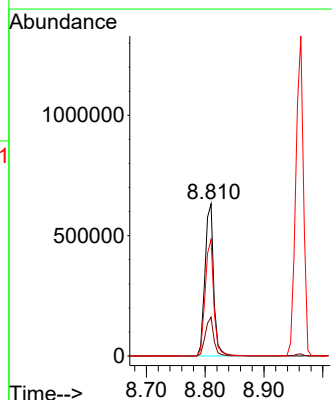
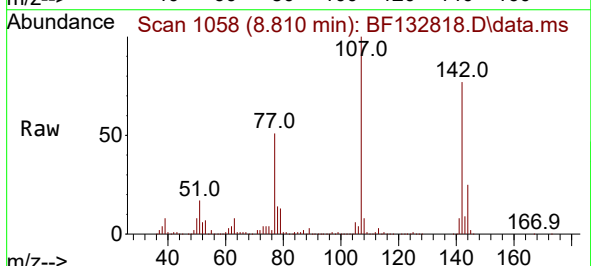
Tgt Ion:107 Resp: 650663

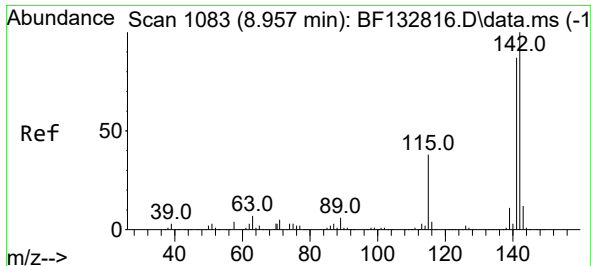
Ion Ratio Lower Upper

107 100

144 25.4 20.0 30.0

142 76.7 61.1 91.7

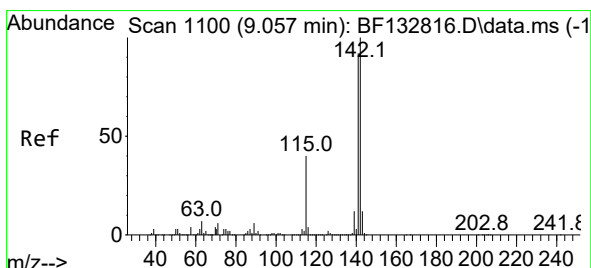
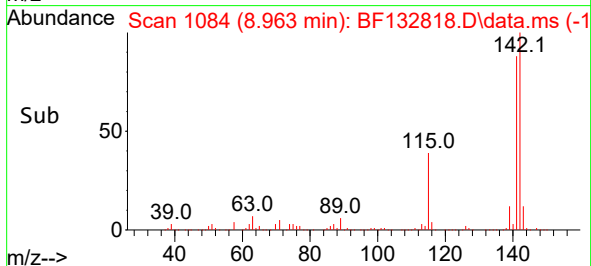
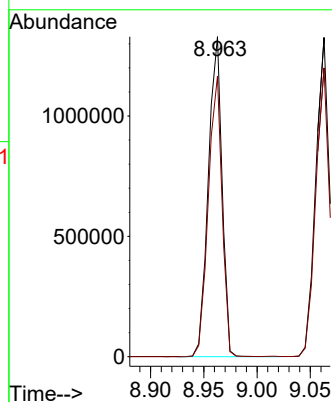
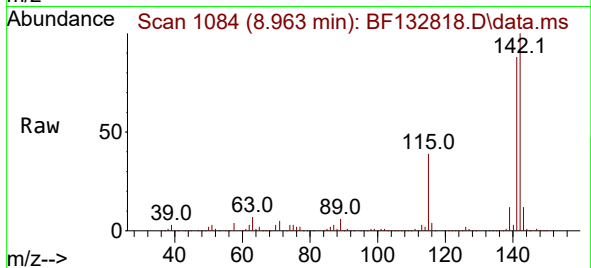




#37
2-Methylnaphthalene
Concen: 48.321 ng
RT: 8.963 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

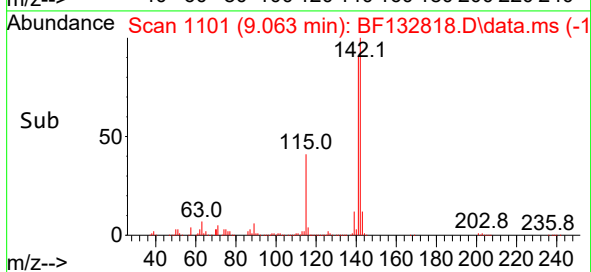
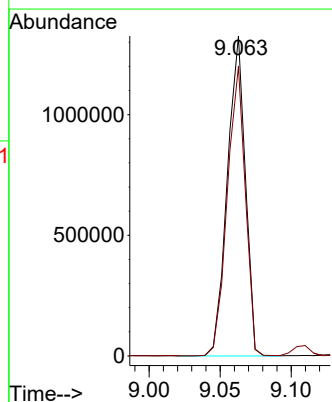
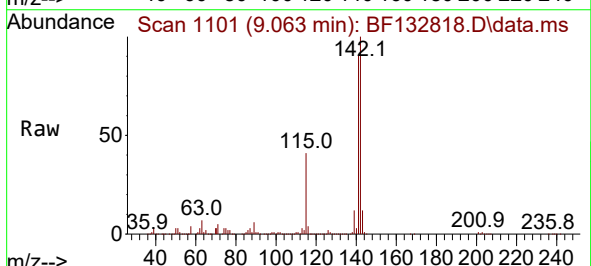
Instrument :
BNA_F
ClientSampleId :

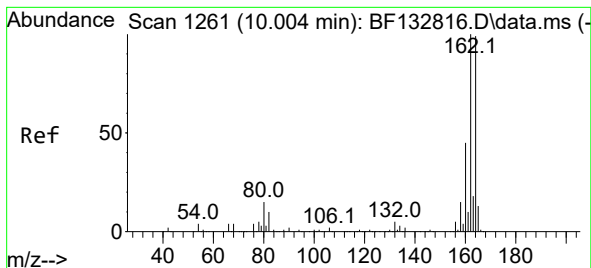
Tgt Ion:142 Resp: 1196330
Ion Ratio Lower Upper
142 100
141 87.7 69.3 103.9



#38
1-Methylnaphthalene
Concen: 50.351 ng
RT: 9.063 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion:142 Resp: 1165000
Ion Ratio Lower Upper
142 100
141 90.5 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

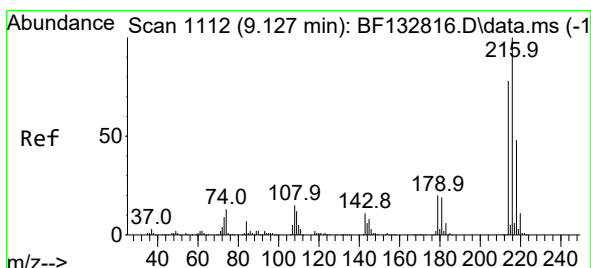
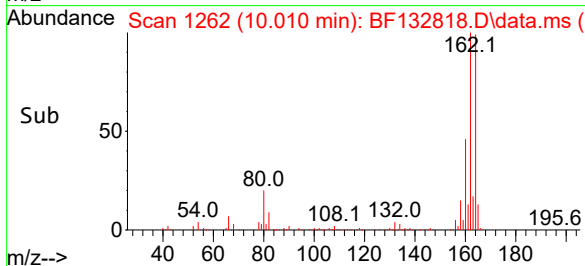
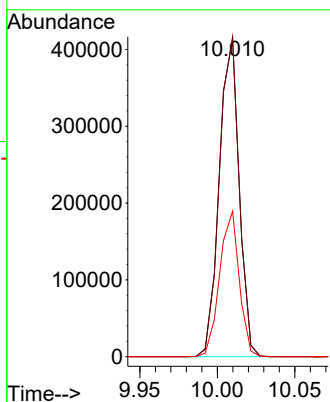
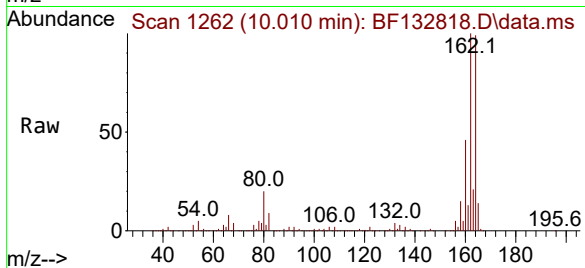
Tgt Ion:164 Resp: 369311

Ion Ratio Lower Upper

164 100

162 100.9 80.6 121.0

160 45.9 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.707 ng

RT: 9.128 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Tgt Ion:216 Resp: 661028

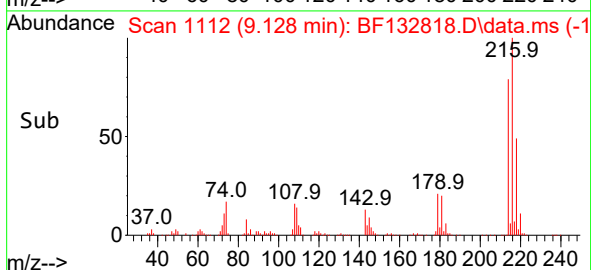
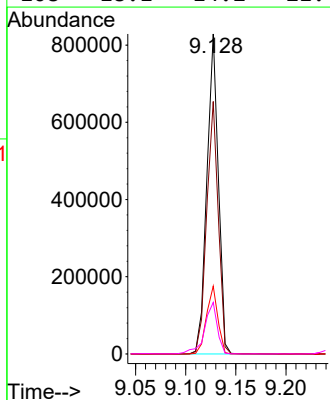
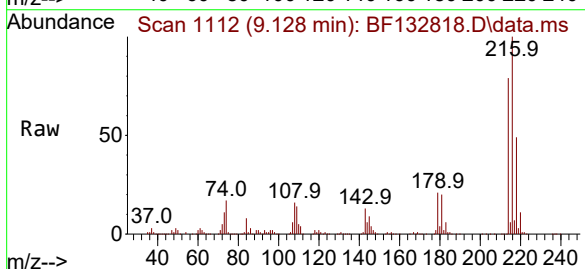
Ion Ratio Lower Upper

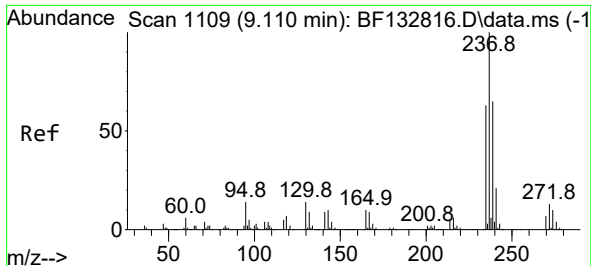
216 100

214 79.7 64.3 96.5

179 20.9 16.2 24.4

108 18.1 14.2 21.4

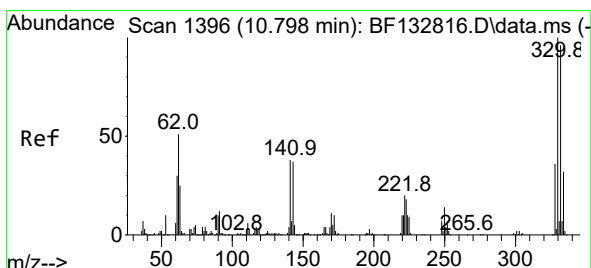
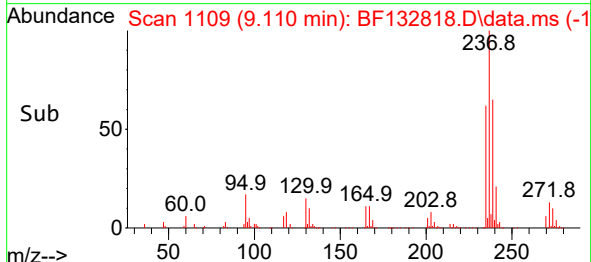
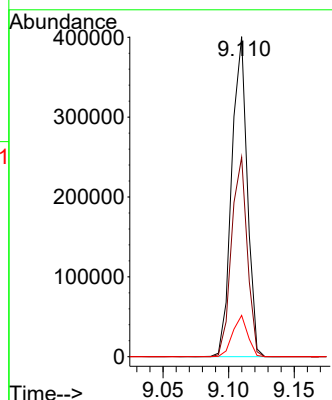
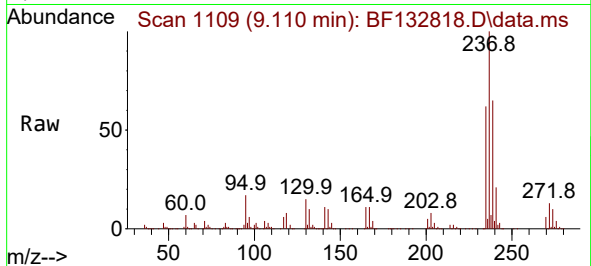




#41
Hexachlorocyclopentadiene
Concen: 50.434 ng
RT: 9.110 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

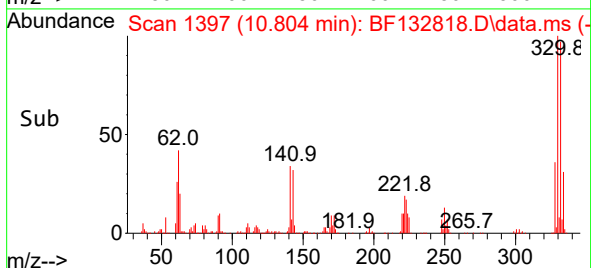
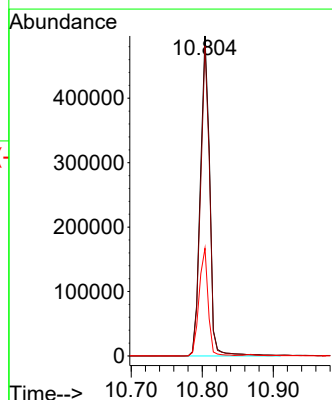
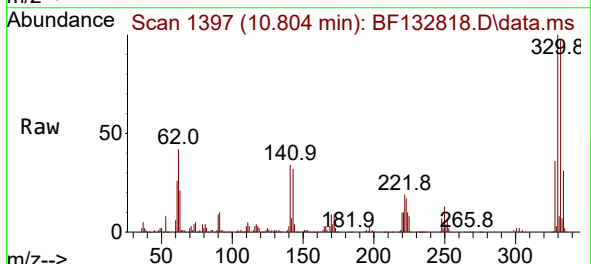
Instrument :
BNA_F
ClientSampleId :

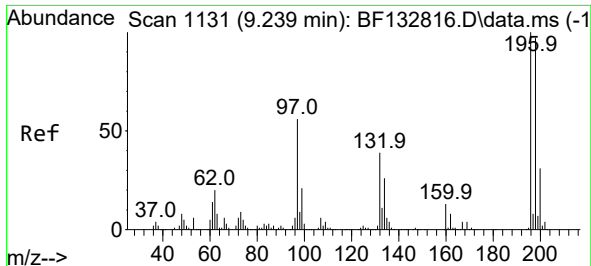
Tgt Ion:237 Resp: 330529
Ion Ratio Lower Upper
237 100
235 62.4 43.3 83.3
272 12.9 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 114.127 ng
RT: 10.804 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion:330 Resp: 455186
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 32.6 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 55.261 ng

RT: 9.245 min Scan# 1131

Delta R.T. 0.006 min

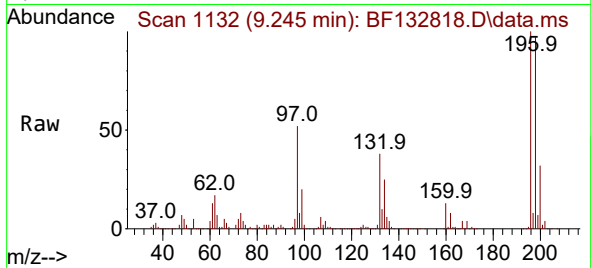
Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :



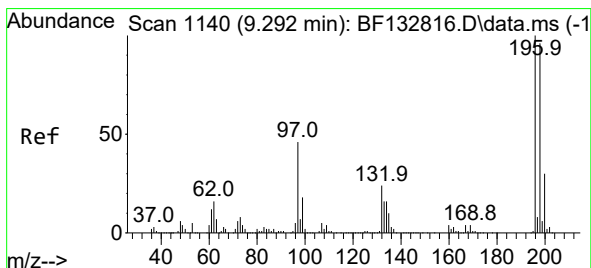
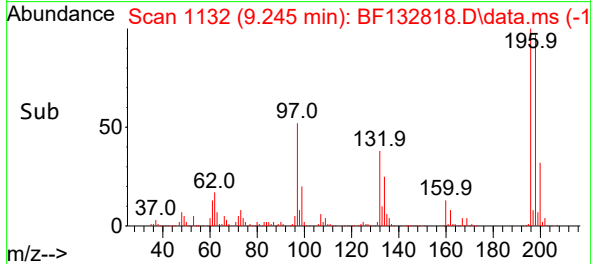
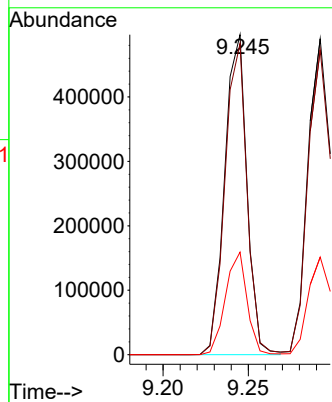
Tgt Ion:196 Resp: 452511

Ion Ratio Lower Upper

196 100

198 97.3 77.3 115.9

200 32.1 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 56.373 ng

RT: 9.292 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Tgt Ion:196 Resp: 538767

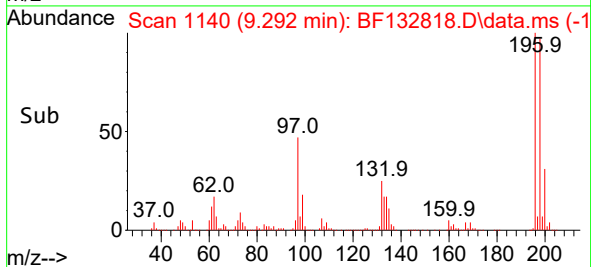
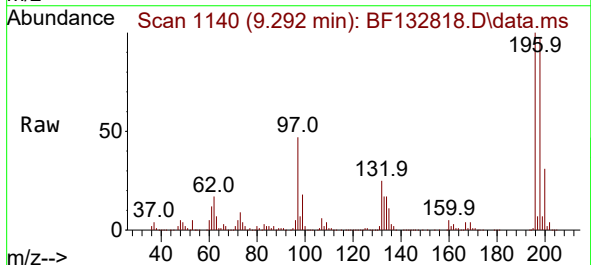
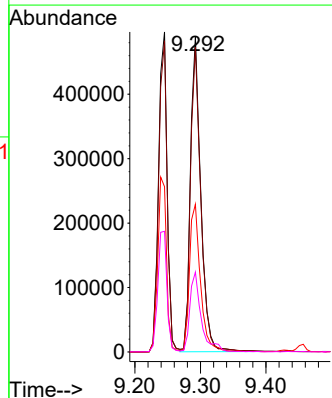
Ion Ratio Lower Upper

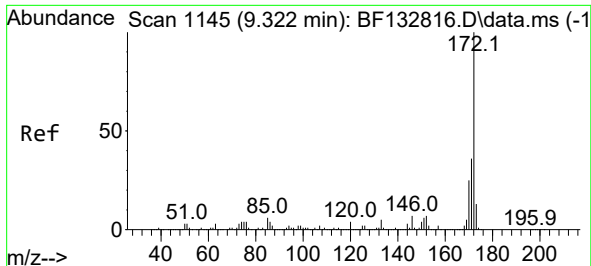
196 100

198 96.5 76.8 115.2

97 46.7 36.9 55.3

132 25.3 19.7 29.5





#45

2-Fluorobiphenyl

Concen: 96.382 ng

RT: 9.328 min Scan# 1145

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

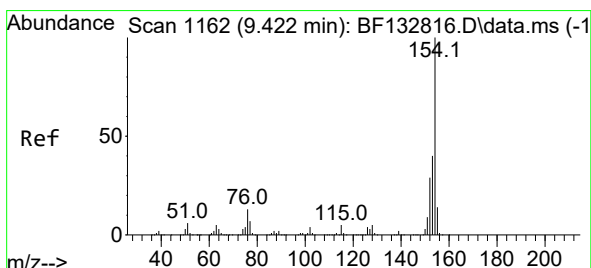
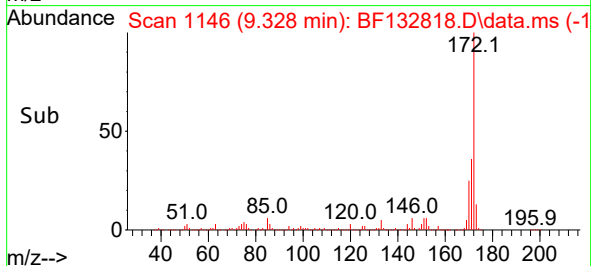
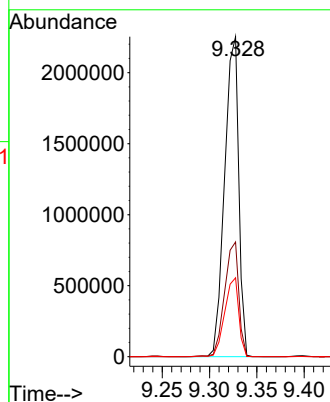
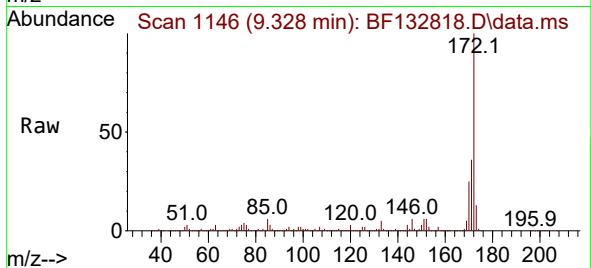
Tgt Ion:172 Resp: 2337683

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 24.7 19.8 29.8



#46

1,1'-Biphenyl

Concen: 52.297 ng

RT: 9.428 min Scan# 1163

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

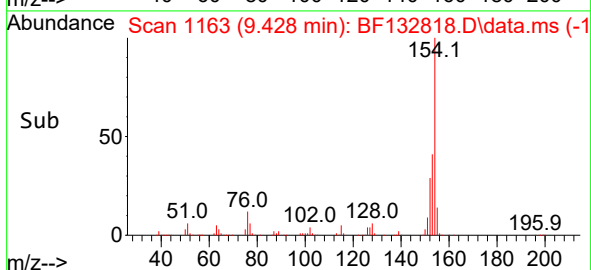
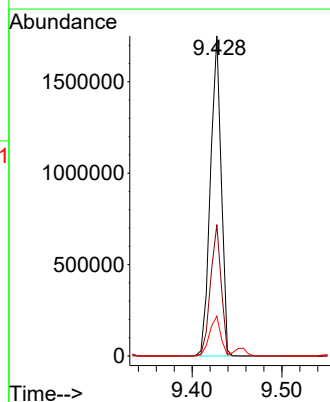
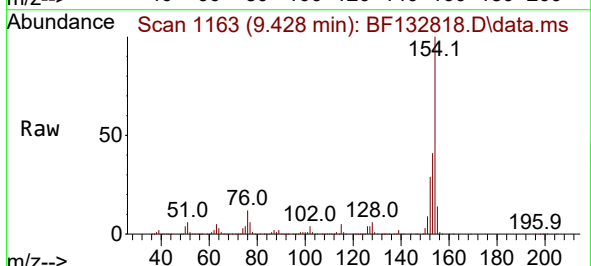
Tgt Ion:154 Resp: 1461829

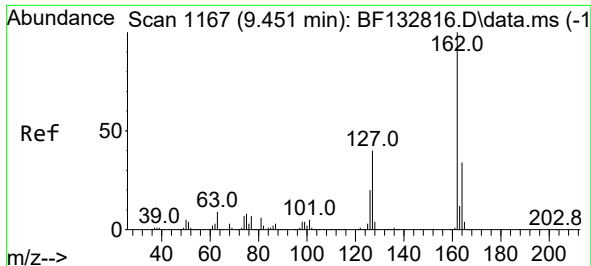
Ion Ratio Lower Upper

154 100

153 41.1 19.6 59.6

76 12.5 0.0 33.5

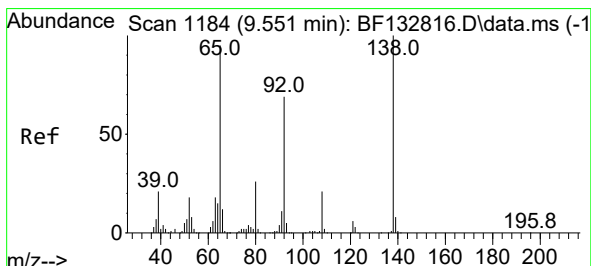
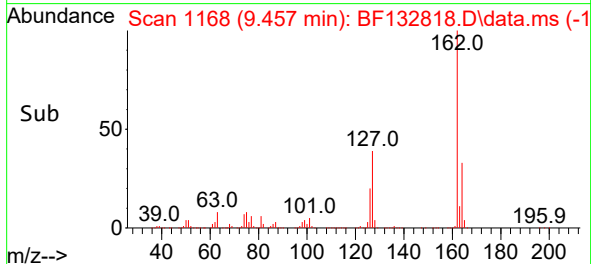
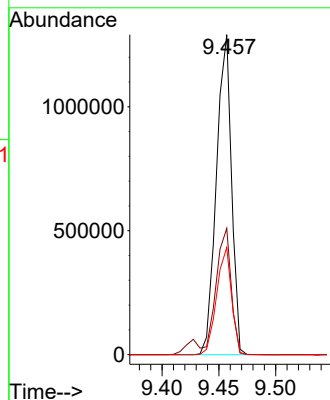
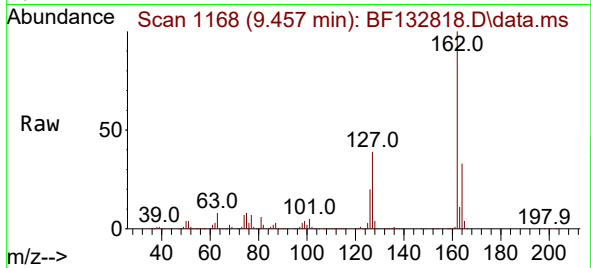




#47
2-Chloronaphthalene
Concen: 53.865 ng
RT: 9.457 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

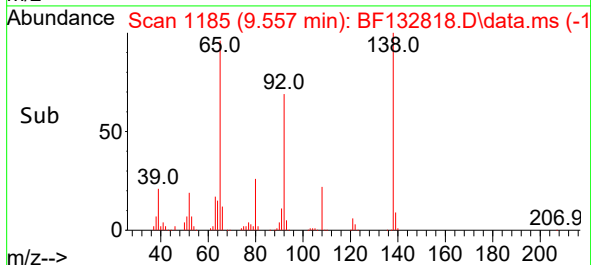
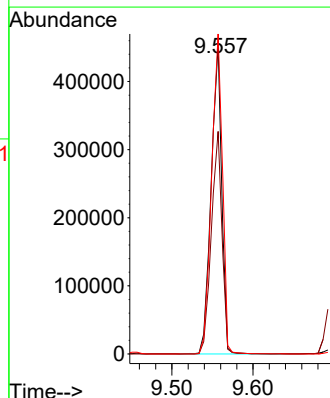
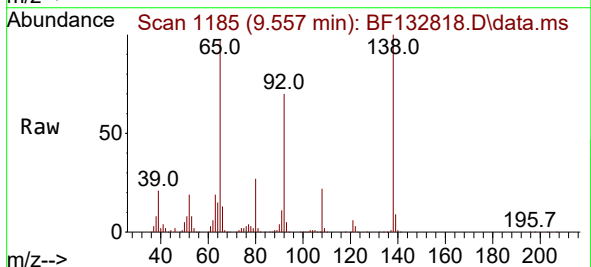
Instrument :
BNA_F
ClientSampleId :

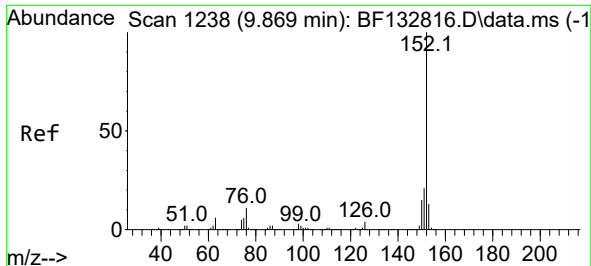
Tgt Ion:162 Resp: 1193764
Ion Ratio Lower Upper
162 100
127 39.4 32.3 48.5
164 33.5 27.2 40.8



#48
2-Nitroaniline
Concen: 50.153 ng
RT: 9.557 min Scan# 1185
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion: 65 Resp: 409368
Ion Ratio Lower Upper
65 100
92 72.0 58.6 88.0
138 103.6 84.4 126.6





#49

Acenaphthylene

Concen: 48.206 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

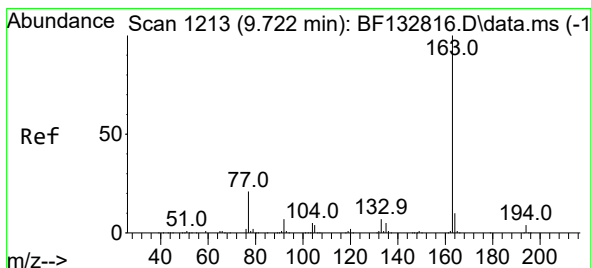
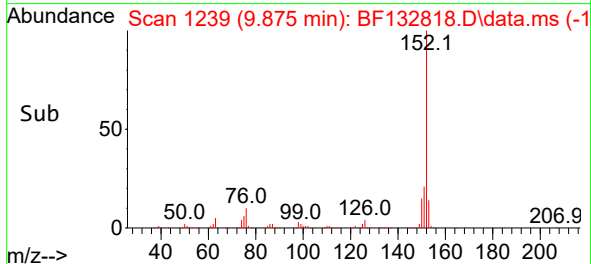
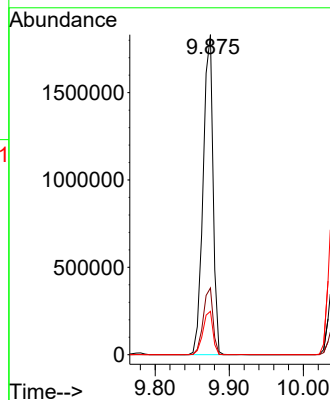
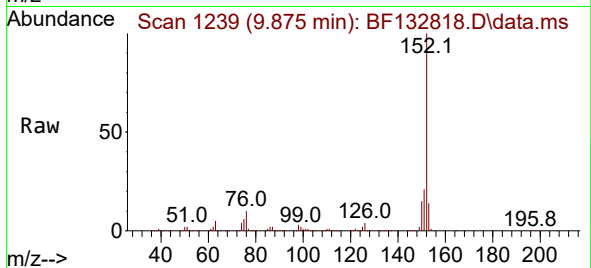
Tgt Ion:152 Resp: 1700271

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

153 13.6 10.8 16.2



#50

Dimethylphthalate

Concen: 53.582 ng

RT: 9.727 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

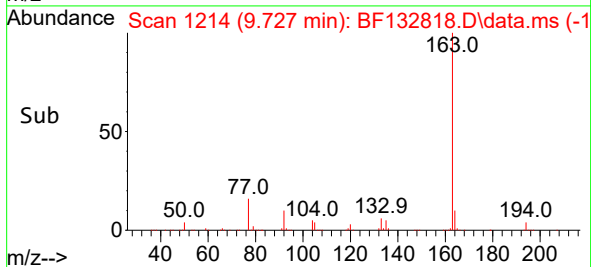
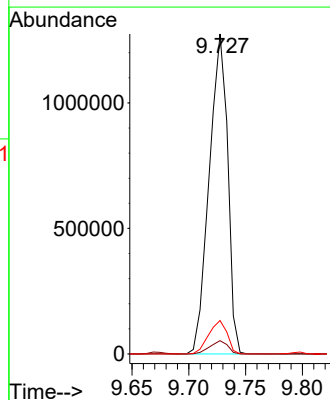
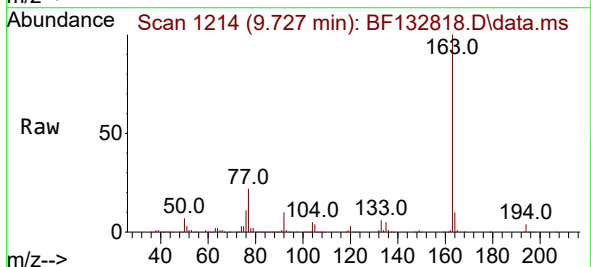
Tgt Ion:163 Resp: 1440854

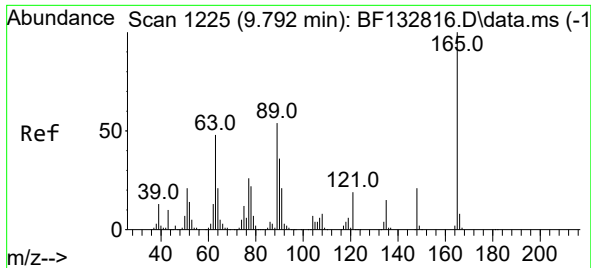
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.3 12.5

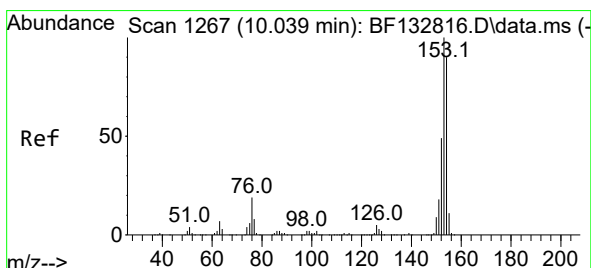
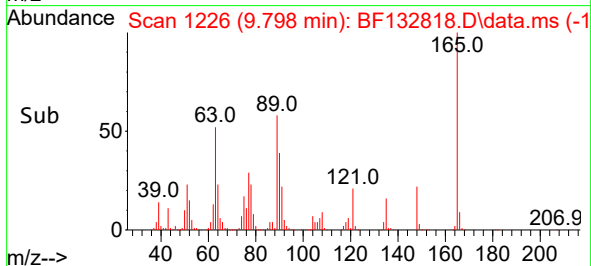
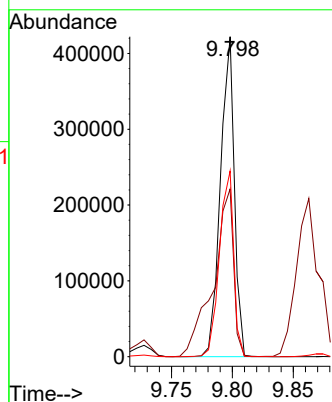
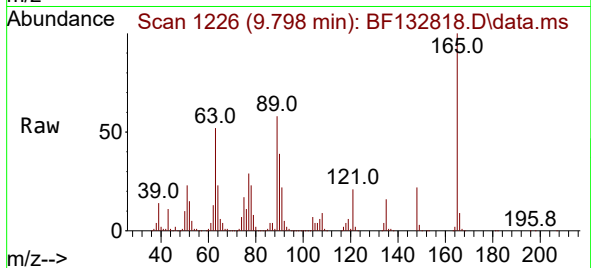




#51
2,6-Dinitrotoluene
Concen: 54.732 ng
RT: 9.798 min Scan# 1225
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

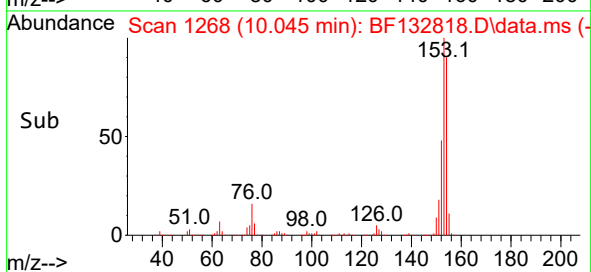
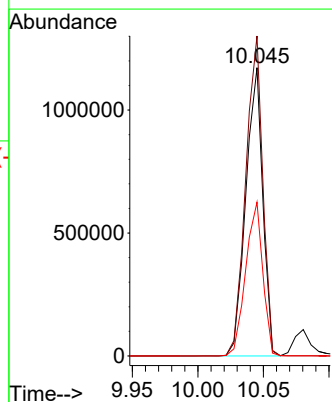
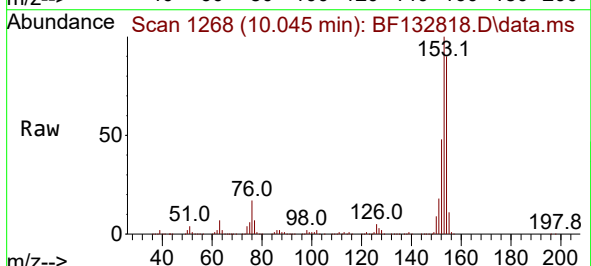
Instrument :
BNA_F
ClientSampleId :

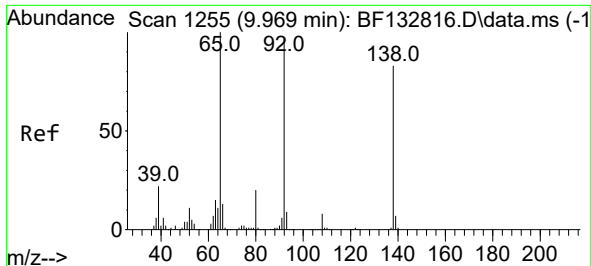
Tgt Ion:165 Resp: 335183
Ion Ratio Lower Upper
165 100
63 52.4 39.1 58.7
89 58.0 43.5 65.3



#52
Acenaphthene
Concen: 47.284 ng
RT: 10.045 min Scan# 1268
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion:154 Resp: 1059005
Ion Ratio Lower Upper
154 100
153 111.0 89.4 134.0
152 53.3 43.4 65.2

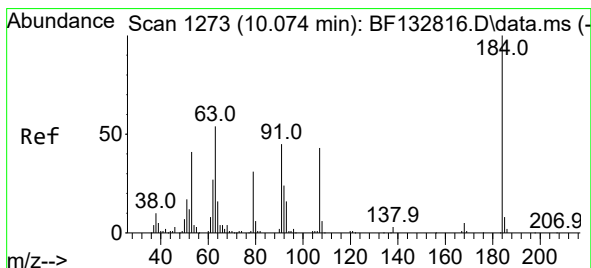
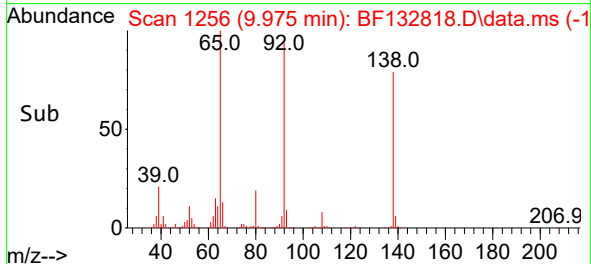
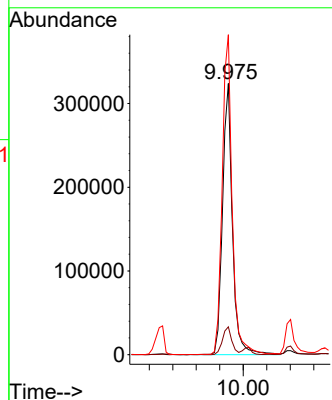
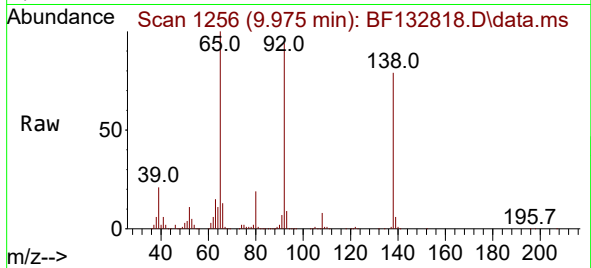




#53
3-Nitroaniline
Concen: 55.344 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

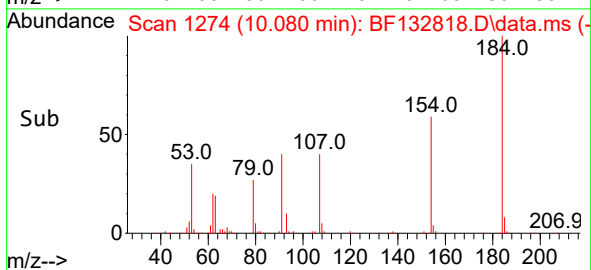
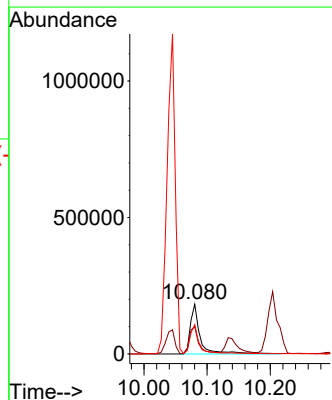
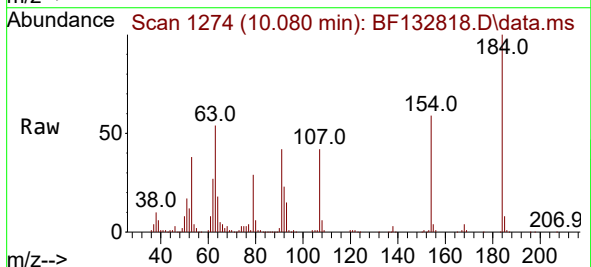
Instrument :
BNA_F
ClientSampleId :

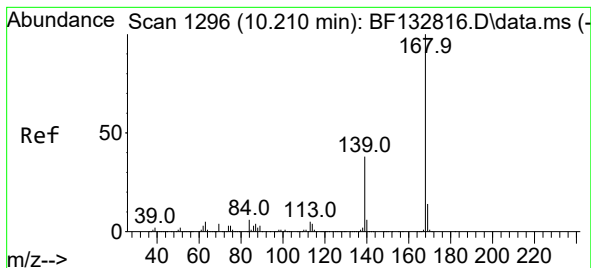
Tgt Ion:138 Resp: 379136
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.2
92 118.0 93.3 139.9



#54
2,4-Dinitrophenol
Concen: 55.996 ng
RT: 10.080 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion:184 Resp: 201147
Ion Ratio Lower Upper
184 100
63 54.5 47.2 70.8
154 58.7 46.5 69.7





#55

Dibenzenofuran

Concen: 48.588 ng

RT: 10.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

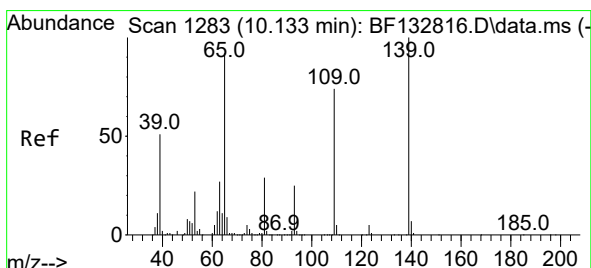
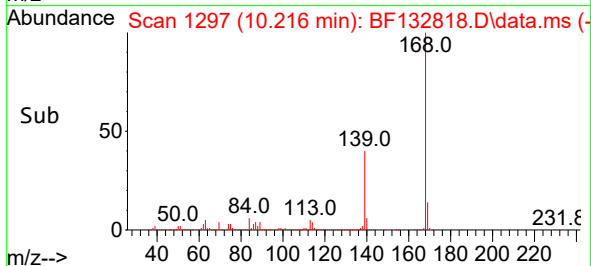
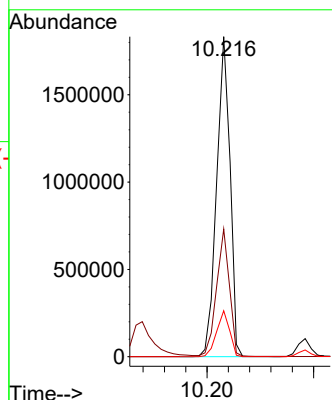
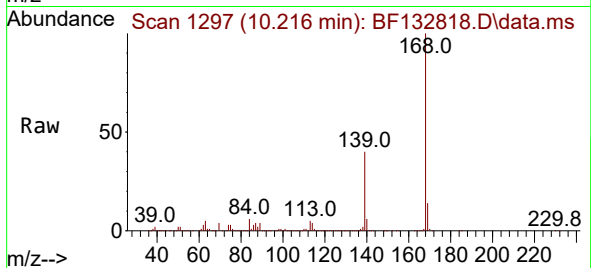
Tgt Ion:168 Resp: 1586443

Ion Ratio Lower Upper

168 100

139 39.9 31.0 46.6

169 14.3 11.3 16.9



#56

4-Nitrophenol

Concen: 51.740 ng

RT: 10.139 min Scan# 1284

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

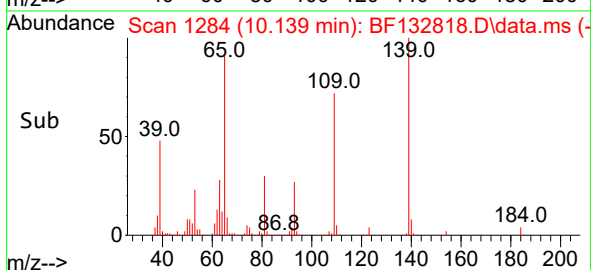
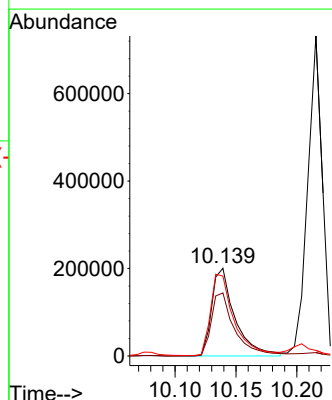
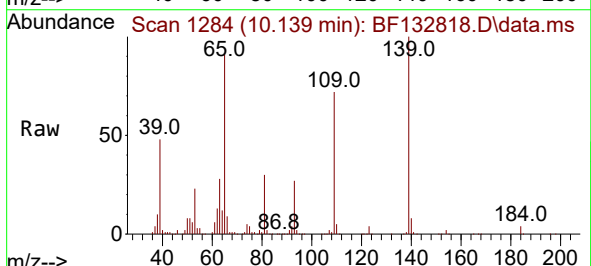
Tgt Ion:139 Resp: 264332

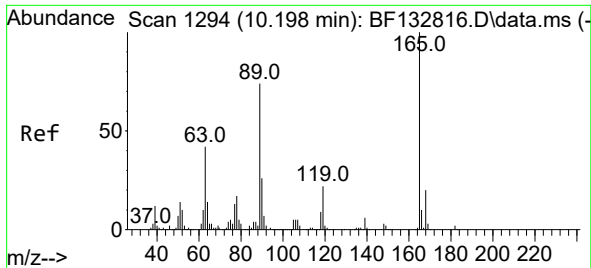
Ion Ratio Lower Upper

139 100

109 71.9 53.8 93.8

65 91.1 73.0 113.0





#57

2,4-Dinitrotoluene

Concen: 50.702 ng

RT: 10.204 min Scan# 1295

Delta R.T. 0.006 min

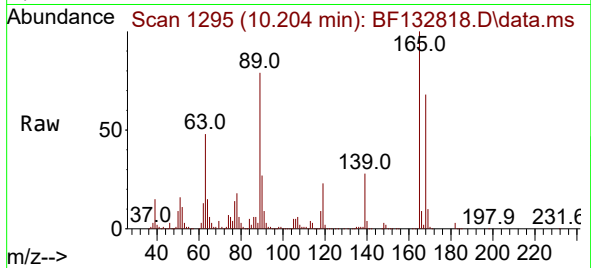
Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 413078

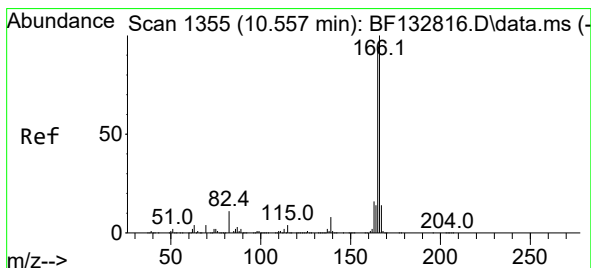
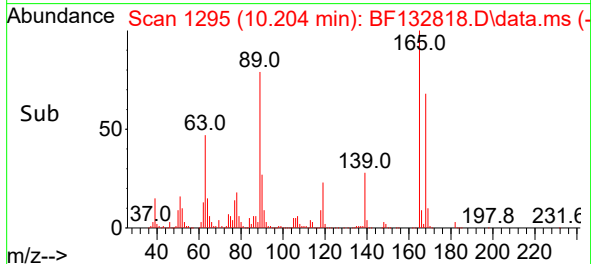
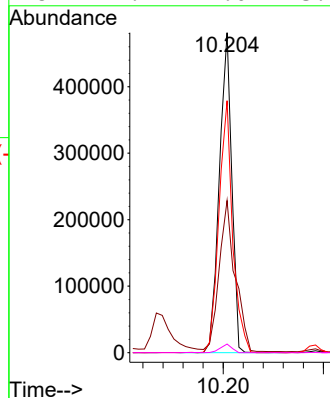
Ion Ratio Lower Upper

165 100

63 47.6 34.4 51.6

89 78.8 59.5 89.3

182 2.7 2.0 3.0



#58

Fluorene

Concen: 52.232 ng

RT: 10.563 min Scan# 1356

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

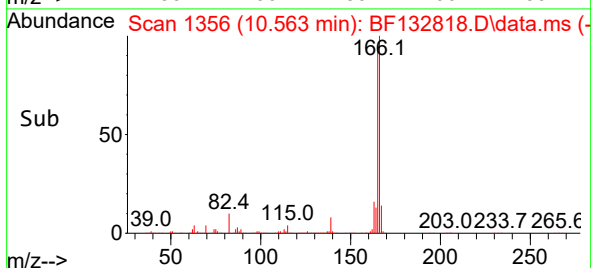
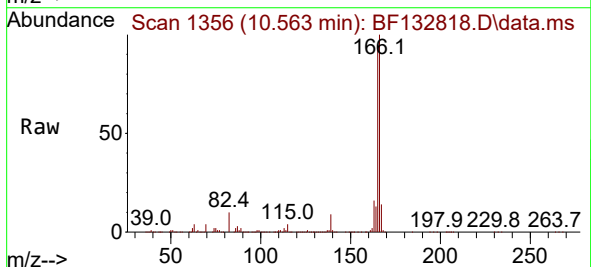
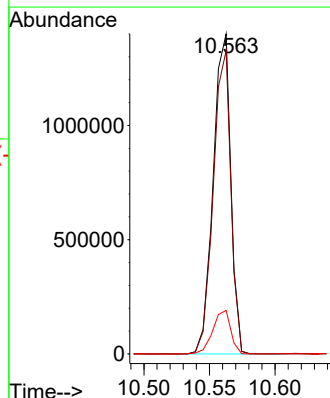
Tgt Ion:166 Resp: 1304498

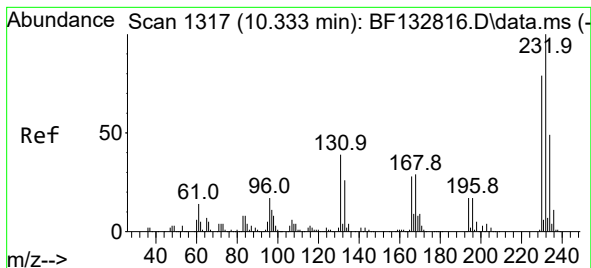
Ion Ratio Lower Upper

166 100

165 94.8 74.3 111.5

167 13.6 11.0 16.4

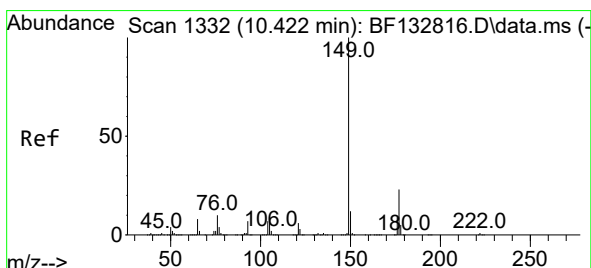
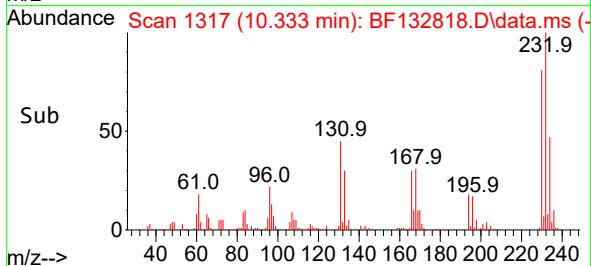
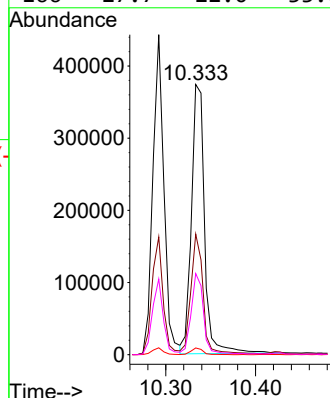
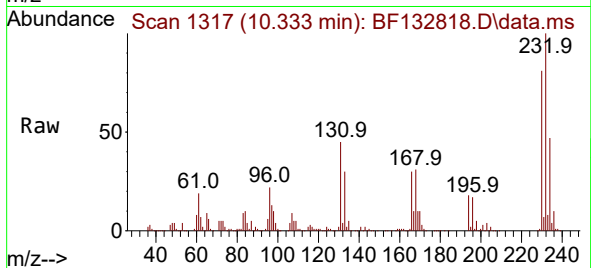




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.484 ng
RT: 10.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

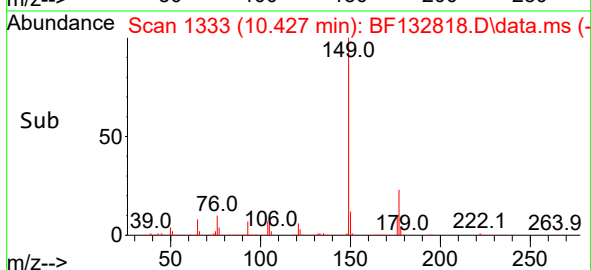
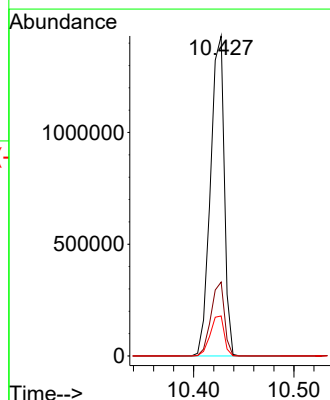
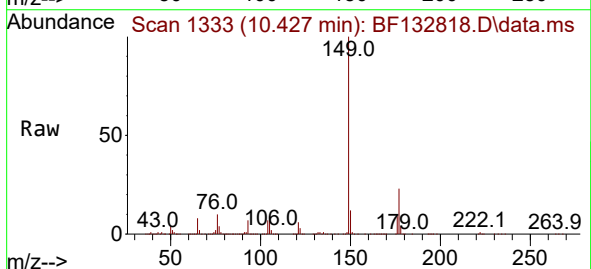
Instrument :
BNA_F
ClientSampleId :

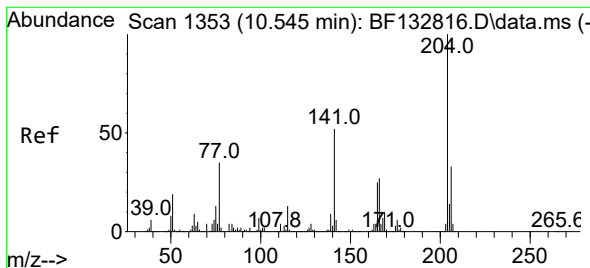
Tgt Ion:232 Resp: 379711
Ion Ratio Lower Upper
232 100
131 41.1 32.6 48.8
130 2.3 1.7 2.5
166 27.7 22.0 33.0



#60
Diethylphthalate
Concen: 52.211 ng
RT: 10.427 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion:149 Resp: 1371209
Ion Ratio Lower Upper
149 100
177 23.1 18.6 28.0
150 12.5 10.0 15.0

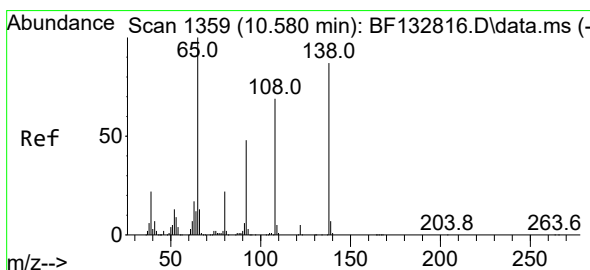
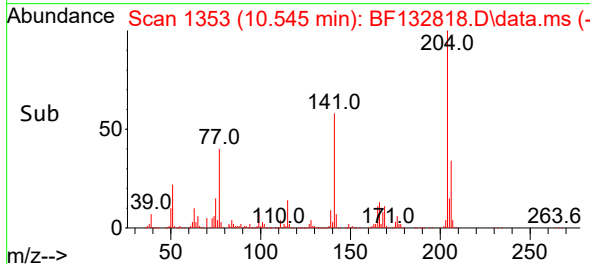
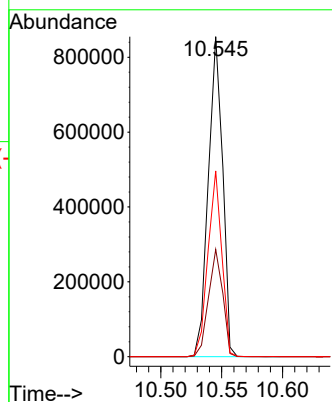
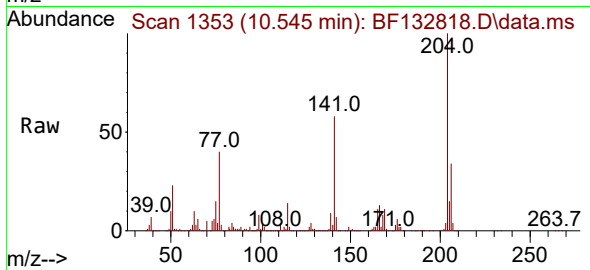




#61
4-Chlorophenyl-phenylether
Concen: 53.890 ng
RT: 10.545 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

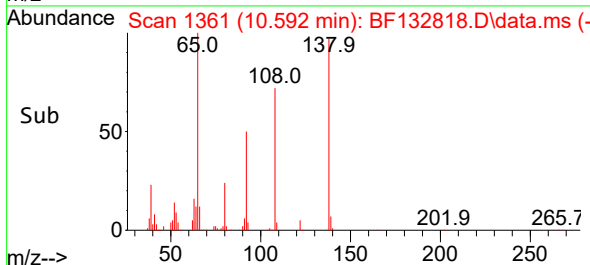
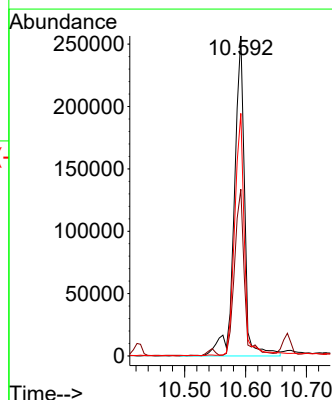
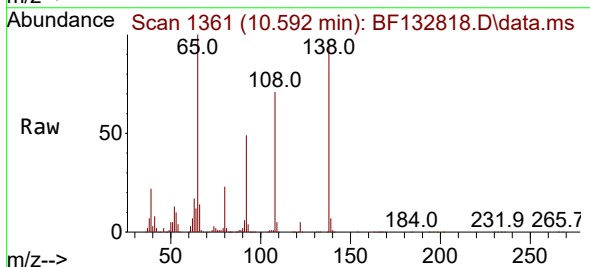
Instrument :
BNA_F
ClientSampleId :

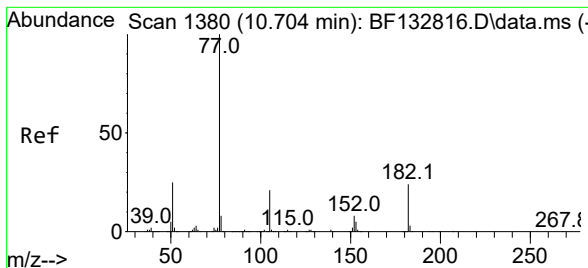
Tgt Ion:204 Resp: 698208
Ion Ratio Lower Upper
204 100
206 33.5 26.6 40.0
141 58.1 41.9 62.9



#62
4-Nitroaniline
Concen: 45.218 ng
RT: 10.592 min Scan# 1361
Delta R.T. 0.012 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion:138 Resp: 304066
Ion Ratio Lower Upper
138 100
92 52.1 34.9 74.9
108 75.8 58.8 98.8





#63

Azobenzene

Concen: 52.133 ng

RT: 10.710 min Scan# 1381

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 1450011

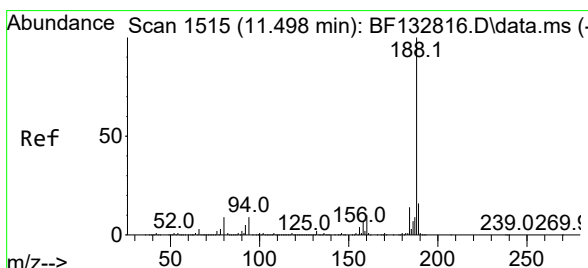
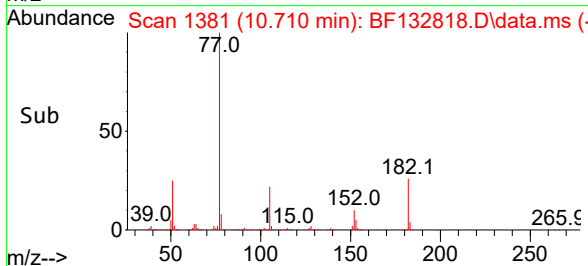
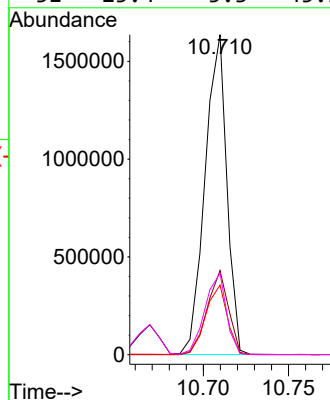
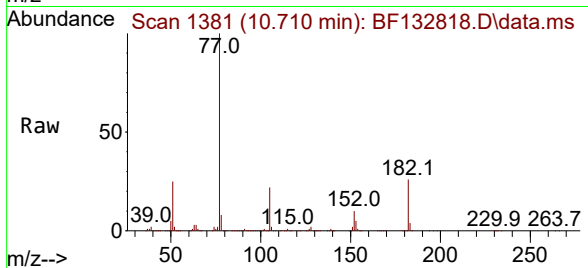
Ion Ratio Lower Upper

77 100

182 26.3 3.8 43.8

105 21.7 1.2 41.2

51 25.4 5.3 45.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

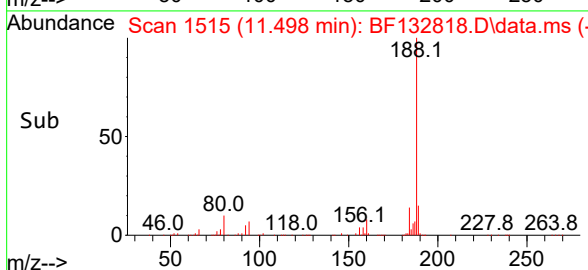
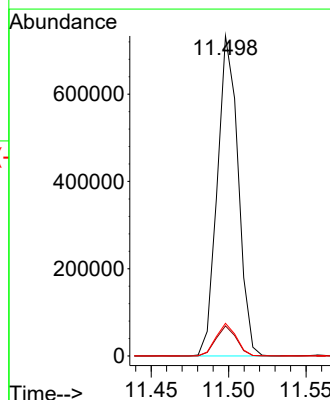
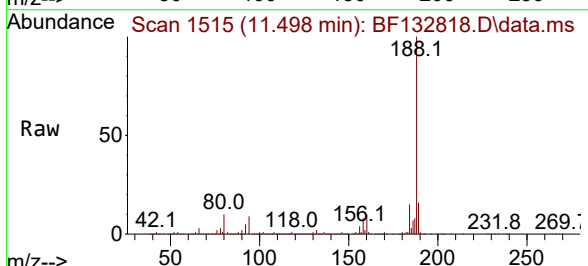
Tgt Ion:188 Resp: 686349

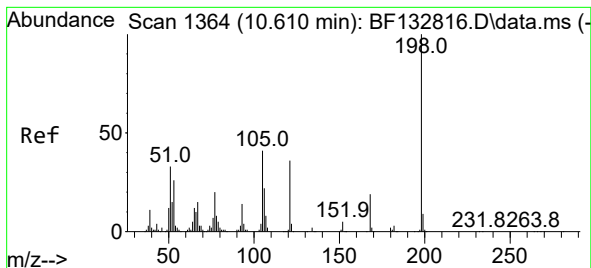
Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 10.2 7.5 11.3

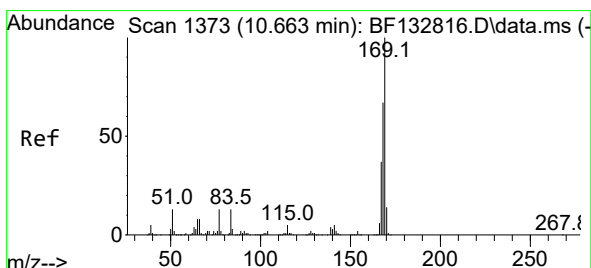
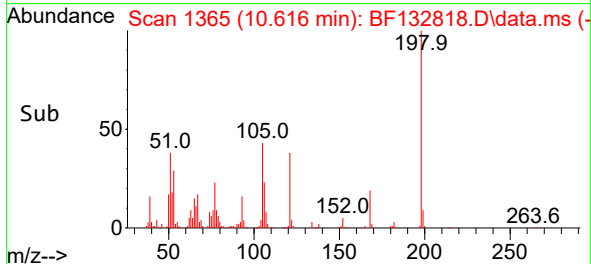
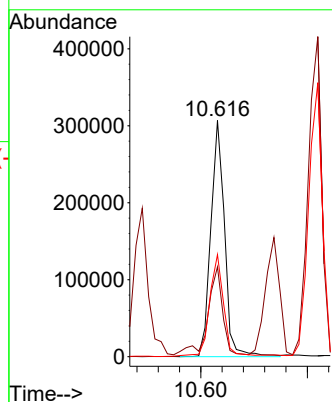
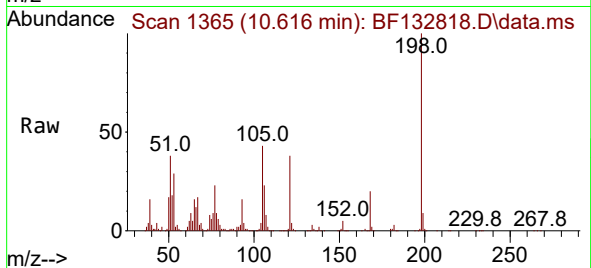




#65
4,6-Dinitro-2-methylphenol
Concen: 59.308 ng
RT: 10.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

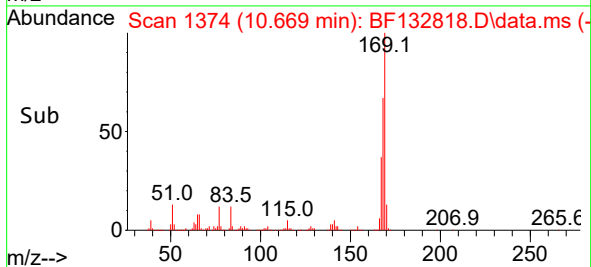
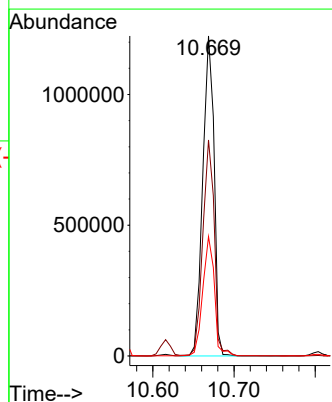
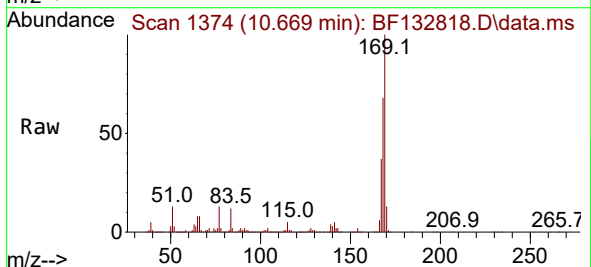
Instrument :
BNA_F
ClientSampleId :

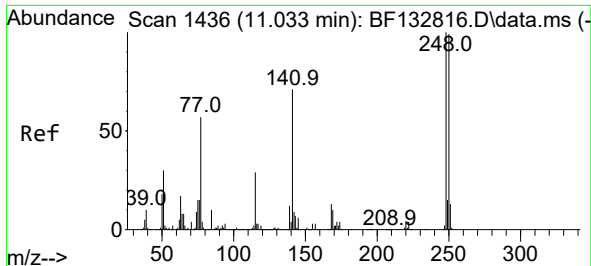
Tgt Ion:198 Resp: 275560
Ion Ratio Lower Upper
198 100
51 38.0 15.6 55.6
105 43.2 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 55.343 ng
RT: 10.669 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion:169 Resp: 1184194
Ion Ratio Lower Upper
169 100
168 67.5 54.2 81.2
167 37.3 29.6 44.4

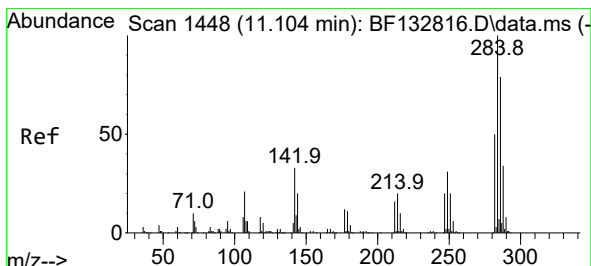
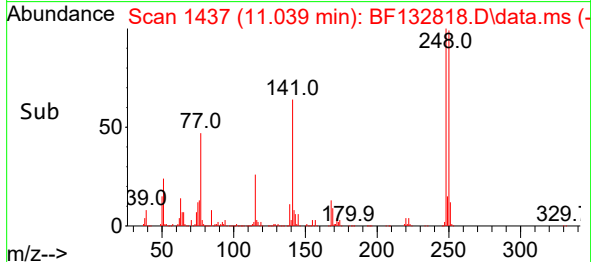
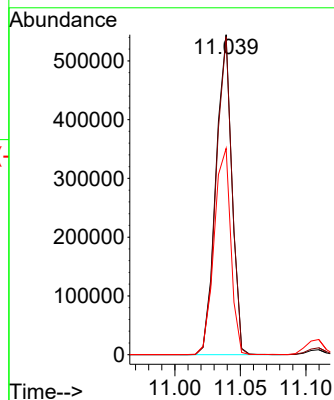
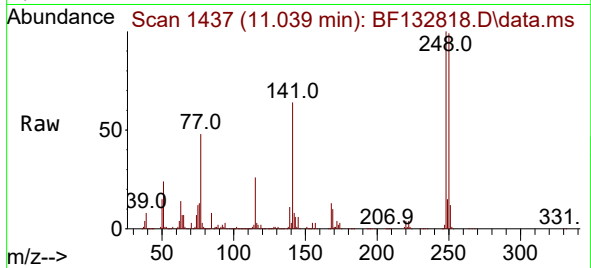




#67
4-Bromophenyl-phenylether
Concen: 59.306 ng
RT: 11.039 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

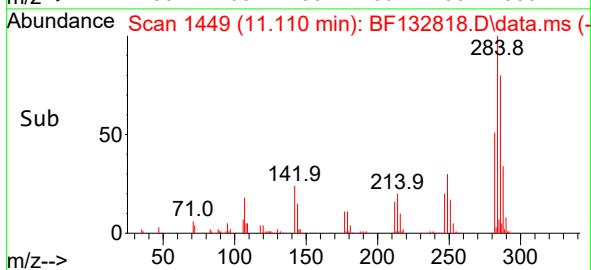
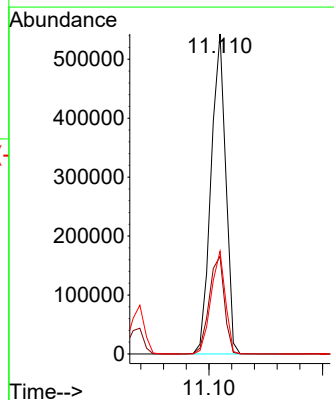
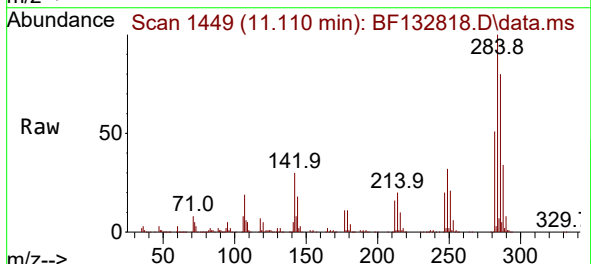
Instrument :
BNA_F
ClientSampleId :

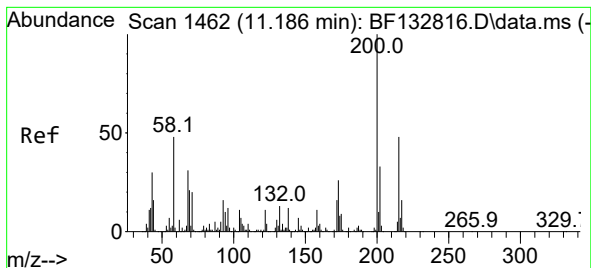
Tgt Ion:248 Resp: 460435
Ion Ratio Lower Upper
248 100
250 99.4 79.1 118.7
141 64.5 57.1 85.7



#68
Hexachlorobenzene
Concen: 59.690 ng
RT: 11.110 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion:284 Resp: 487621
Ion Ratio Lower Upper
284 100
142 30.5 26.2 39.2
249 32.1 24.9 37.3





#69

Atrazine

Concen: 52.625 ng

RT: 11.192 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

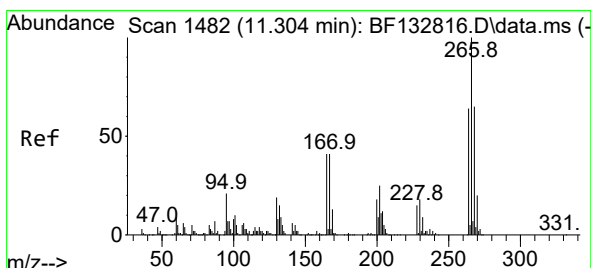
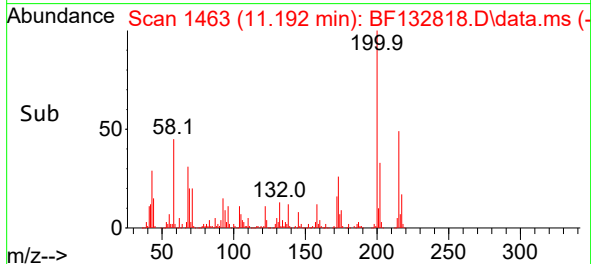
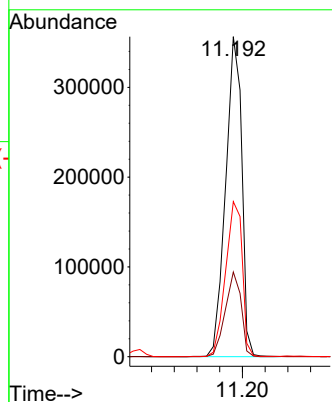
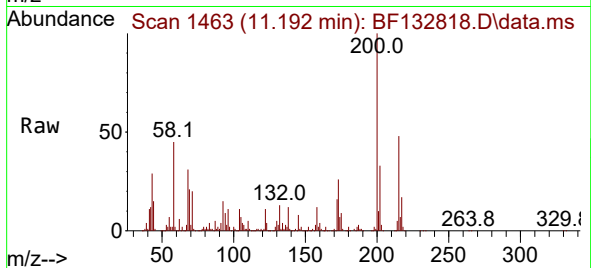
Tgt Ion:200 Resp: 351539

Ion Ratio Lower Upper

200 100

173 26.4 6.5 46.5

215 48.5 28.0 68.0



#70

Pentachlorophenol

Concen: 50.559 ng

RT: 11.310 min Scan# 1483

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

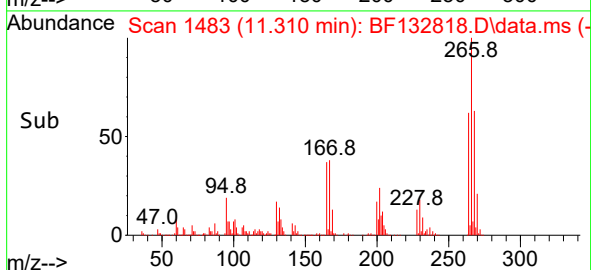
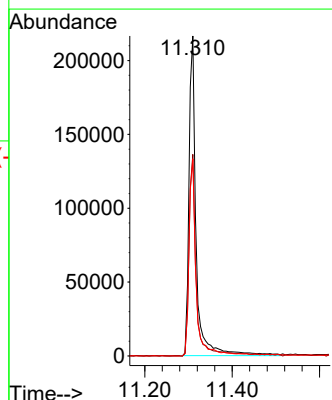
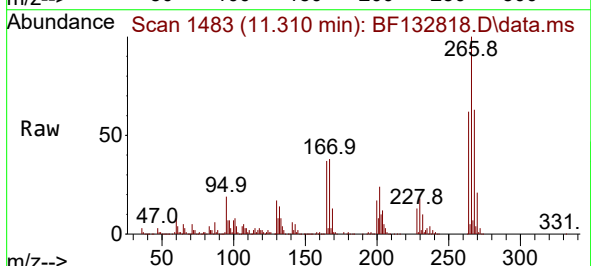
Tgt Ion:266 Resp: 245736

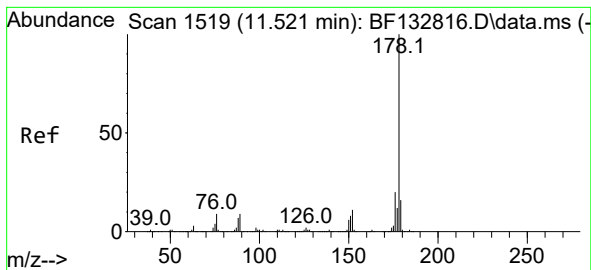
Ion Ratio Lower Upper

266 100

268 63.0 51.6 77.4

264 61.7 51.0 76.4





#71

Phenanthrene

Concen: 52.372 ng

RT: 11.527 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

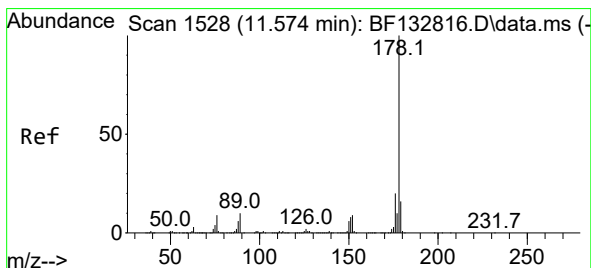
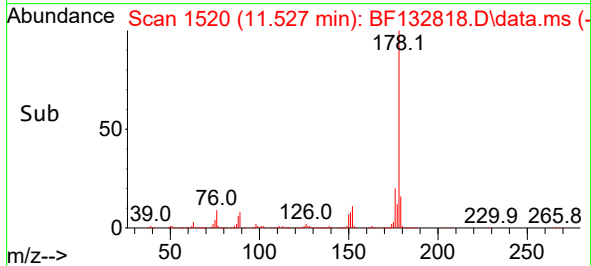
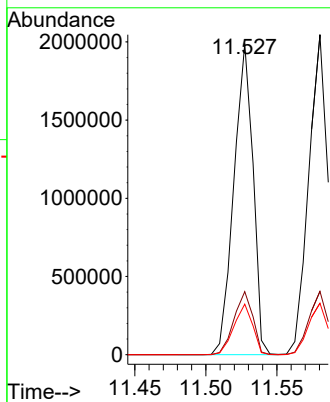
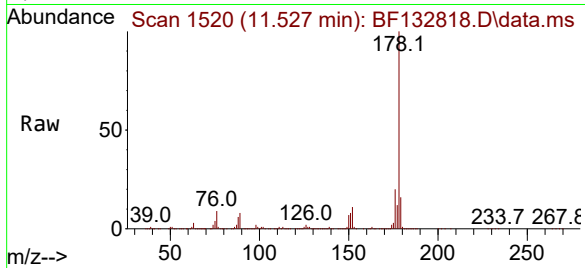
Tgt Ion:178 Resp: 1862138

Ion Ratio Lower Upper

178 100

176 20.2 16.3 24.5

179 16.2 13.1 19.7



#72

Anthracene

Concen: 51.611 ng

RT: 11.580 min Scan# 1529

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

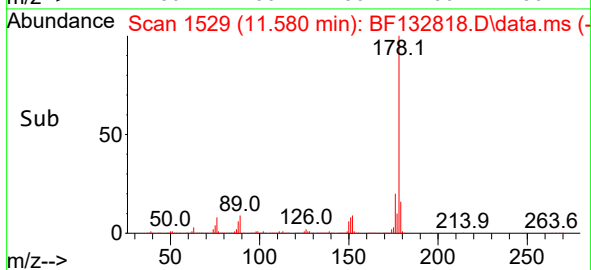
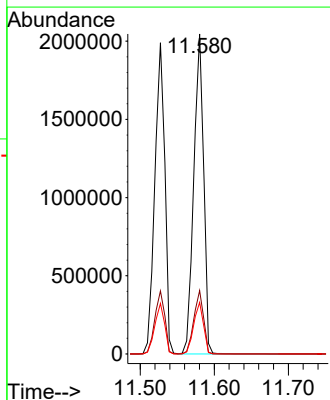
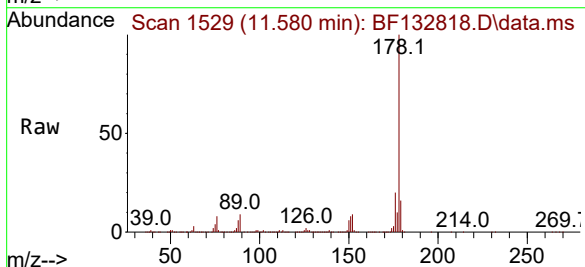
Tgt Ion:178 Resp: 1889741

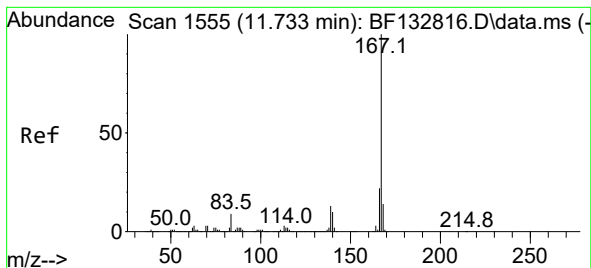
Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 16.1 12.8 19.2





#73

Carbazole

Concen: 51.294 ng

RT: 11.739 min Scan# 1555

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

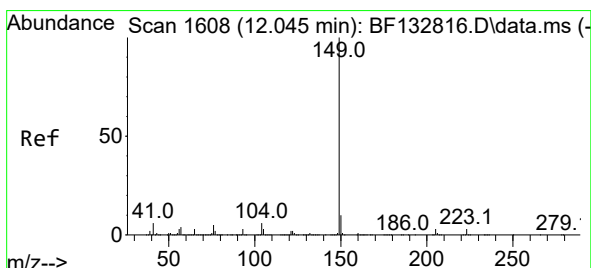
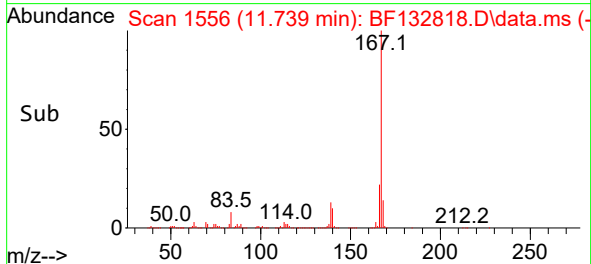
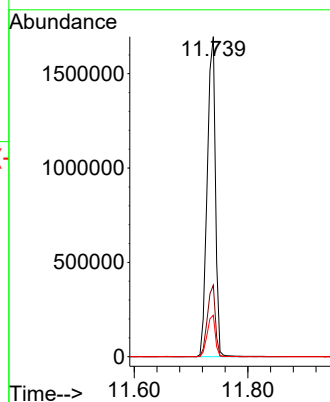
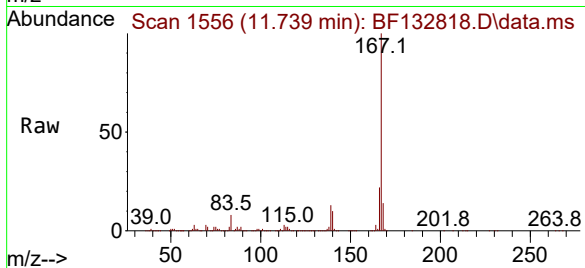
Tgt Ion:167 Resp: 1693318

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

139 13.0 10.2 15.2



#74

Di-n-butylphthalate

Concen: 54.664 ng

RT: 12.051 min Scan# 1609

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

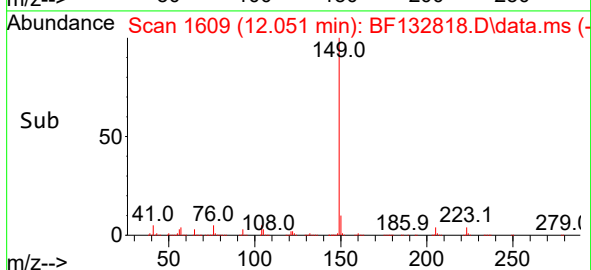
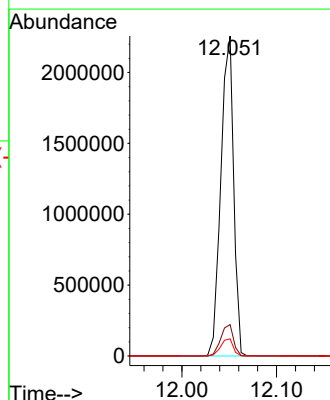
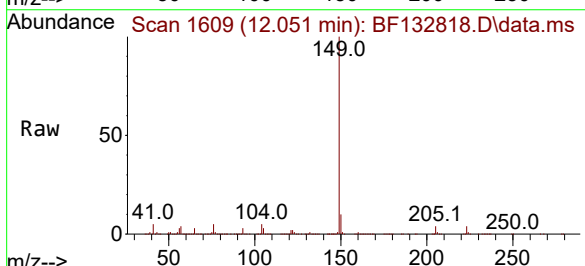
Tgt Ion:149 Resp: 2116770

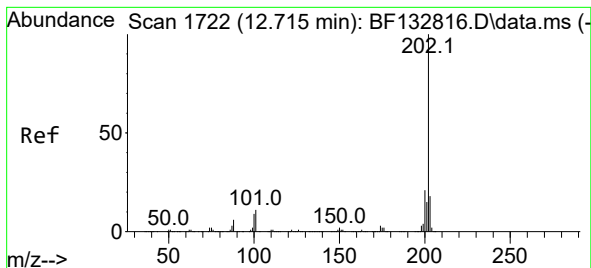
Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

104 5.4 4.4 6.6





#75

Fluoranthene

Concen: 52.280 ng

RT: 12.721 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

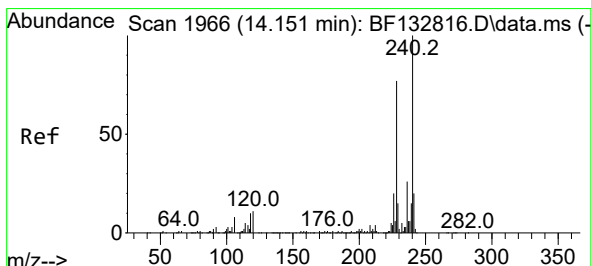
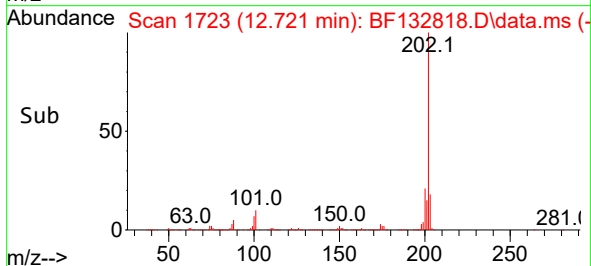
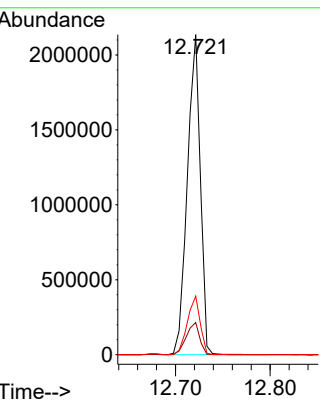
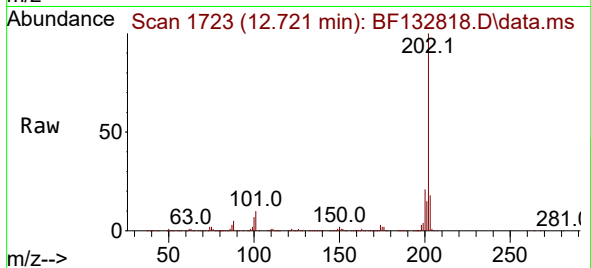
Tgt Ion:202 Resp: 2032124

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.3

203 18.3 0.0 38.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 1967

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

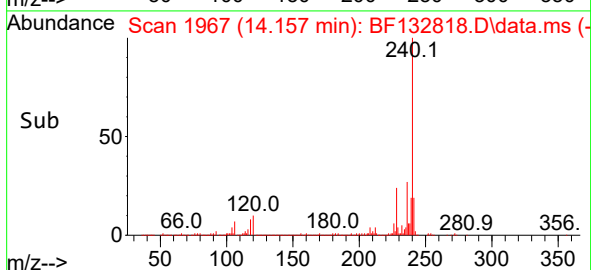
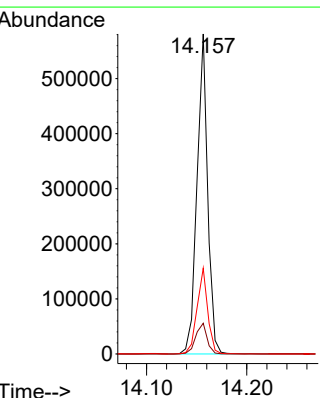
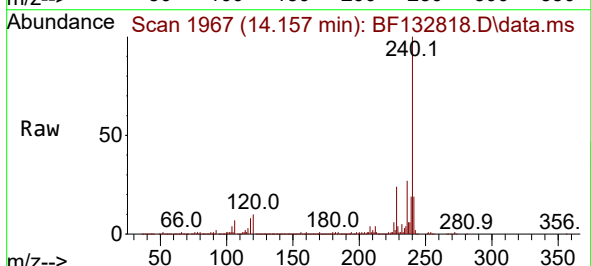
Tgt Ion:240 Resp: 429059

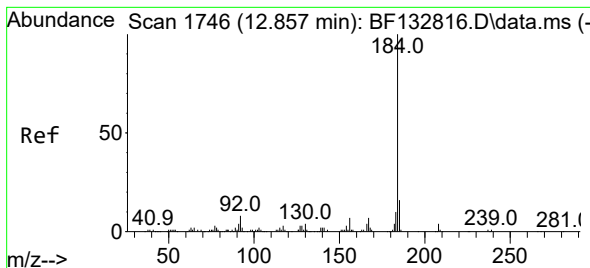
Ion Ratio Lower Upper

240 100

120 9.6 9.1 13.7

236 26.8 21.2 31.8





#77

Benzidine

Concen: 13.704 ng

RT: 12.868 min Scan# 1748

Delta R.T. 0.012 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

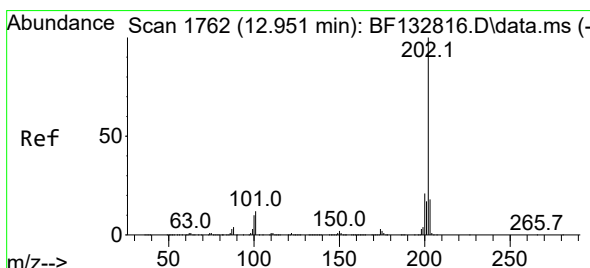
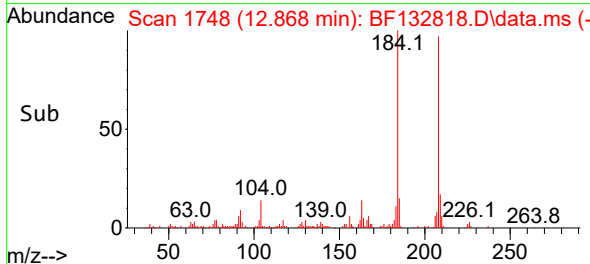
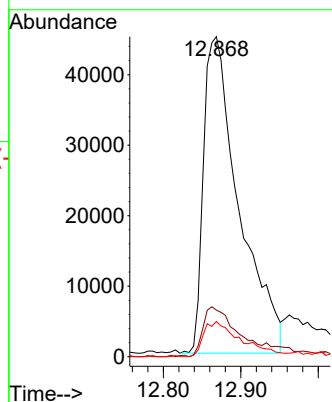
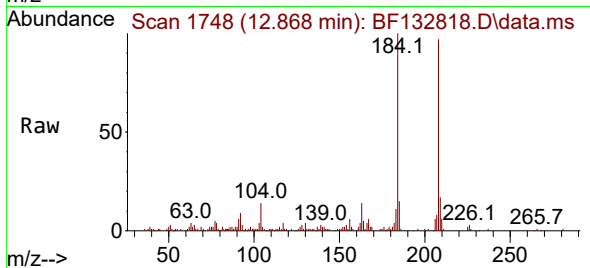
Tgt Ion:184 Resp: 143128

Ion Ratio Lower Upper

184 100

185 14.5 12.6 19.0

183 11.0 8.2 12.4



#78

Pyrene

Concen: 52.267 ng

RT: 12.951 min Scan# 1762

Delta R.T. 0.000 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

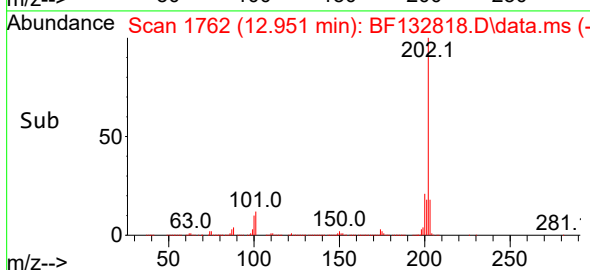
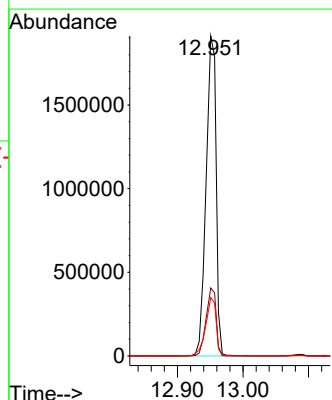
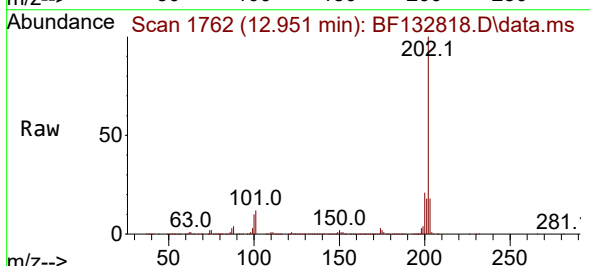
Tgt Ion:202 Resp: 2038903

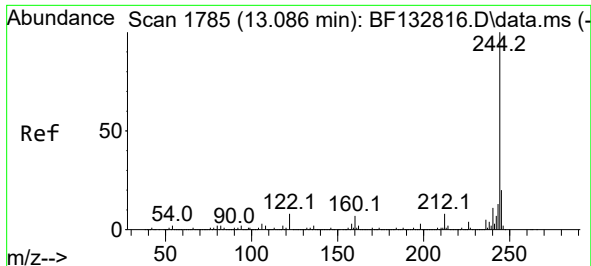
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 18.3 14.6 21.8

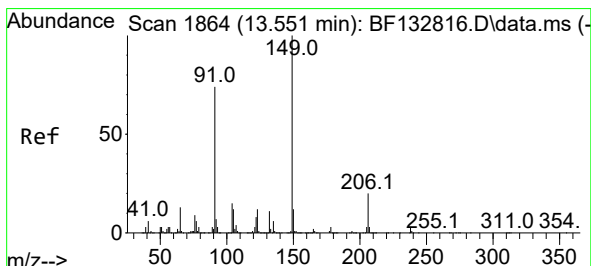
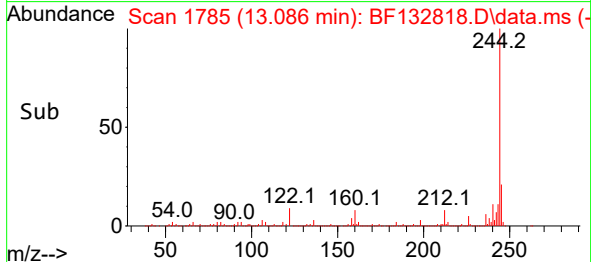
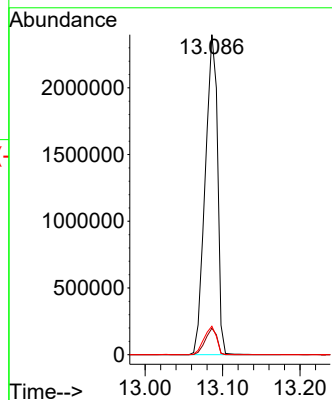
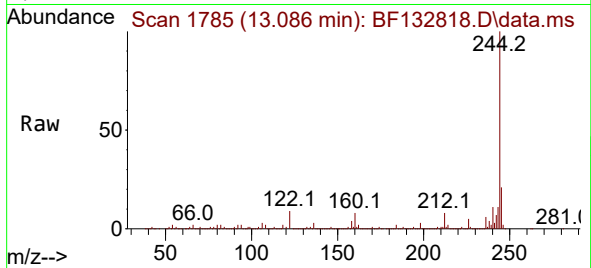




#79
 Terphenyl-d14
 Concen: 104.256 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132818.D
 Acq: 16 Mar 2023 17:56

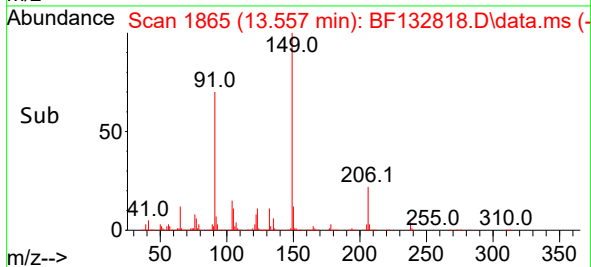
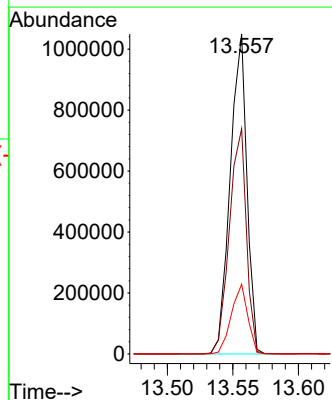
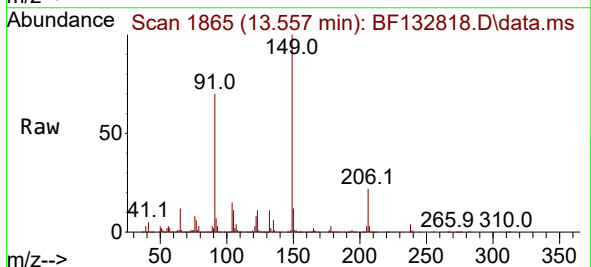
Instrument :
 BNA_F
 ClientSampleId :

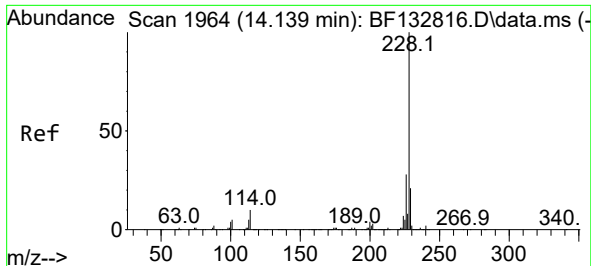
Tgt Ion:244 Resp: 2645683
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 8.9 6.6 9.8



#80
 Butylbenzylphthalate
 Concen: 60.496 ng
 RT: 13.557 min Scan# 1865
 Delta R.T. 0.006 min
 Lab File: BF132818.D
 Acq: 16 Mar 2023 17:56

Tgt Ion:149 Resp: 931256
 Ion Ratio Lower Upper
 149 100
 91 70.4 59.5 89.3
 206 21.8 16.2 24.4

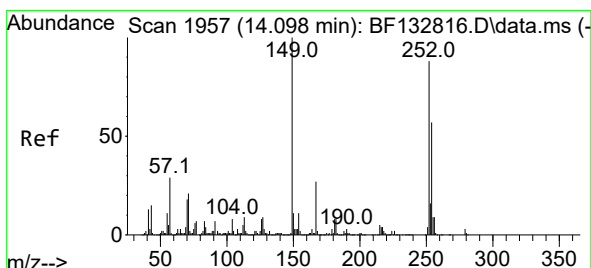
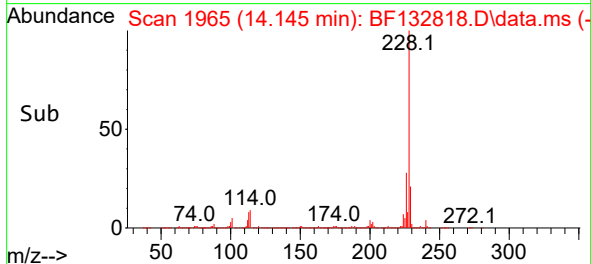
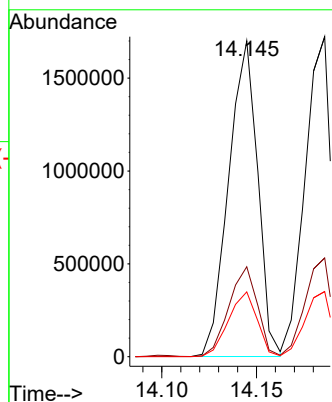
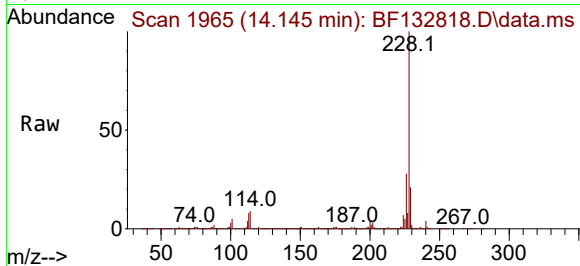




#81
Benzo(a)anthracene
Concen: 56.451 ng
RT: 14.145 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

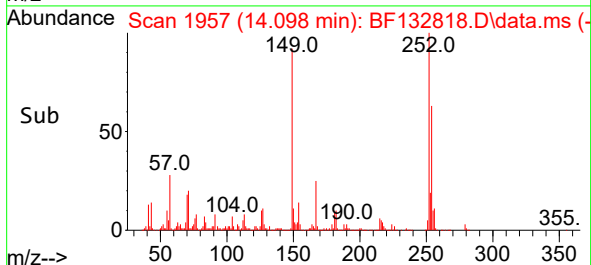
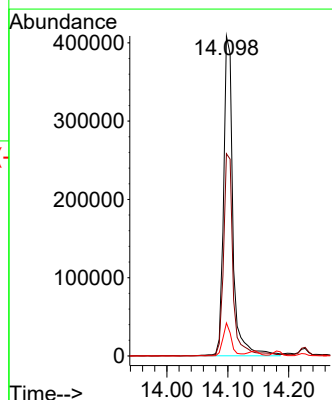
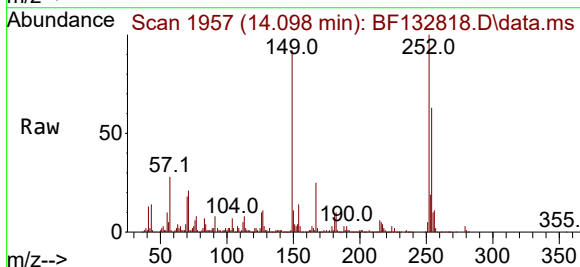
Instrument :
BNA_F
ClientSampleId :

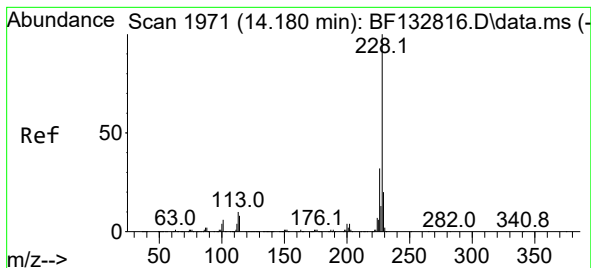
Tgt Ion:228 Resp: 1812275
Ion Ratio Lower Upper
228 100
226 28.5 22.2 33.4
229 20.5 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 45.753 ng
RT: 14.098 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion:252 Resp: 433037
Ion Ratio Lower Upper
252 100
254 63.2 52.2 78.4
126 10.3 7.5 11.3





#83

Chrysene

Concen: 55.173 ng

RT: 14.186 min Scan# 1971

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

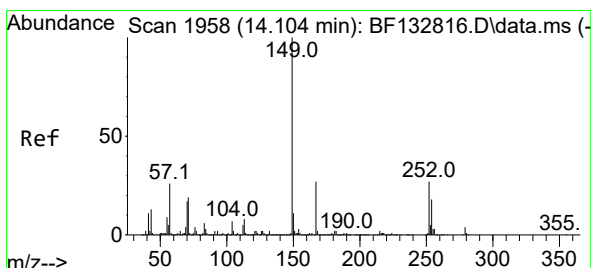
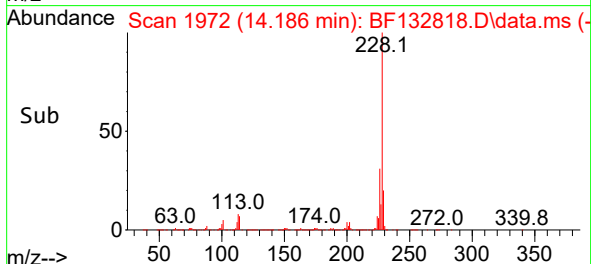
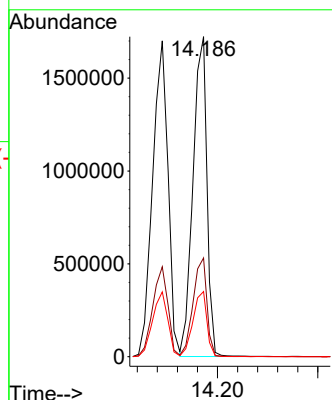
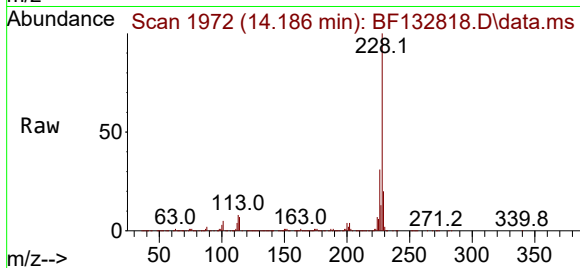
Tgt Ion:228 Resp: 1656306

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.0

229 20.3 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.999 ng

RT: 14.110 min Scan# 1959

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

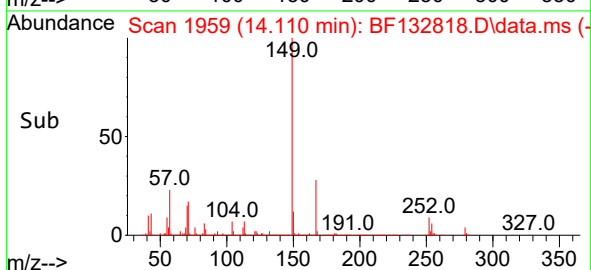
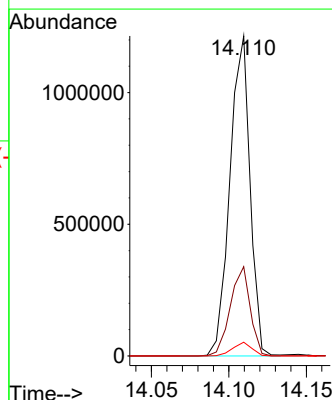
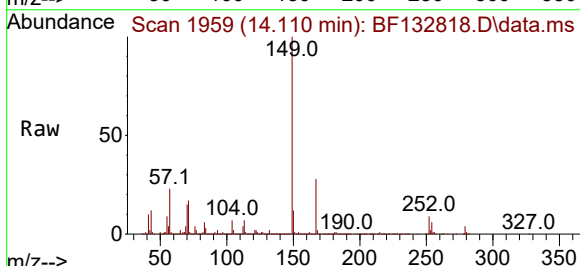
Tgt Ion:149 Resp: 1096790

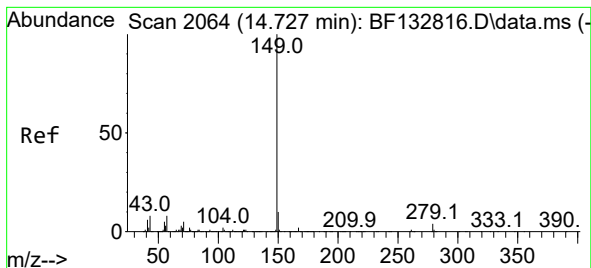
Ion Ratio Lower Upper

149 100

167 27.9 21.4 32.0

279 4.3 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 60.165 ng

RT: 14.727 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

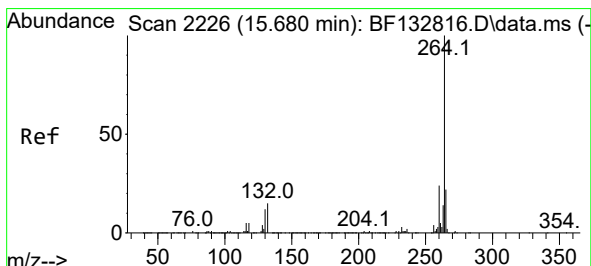
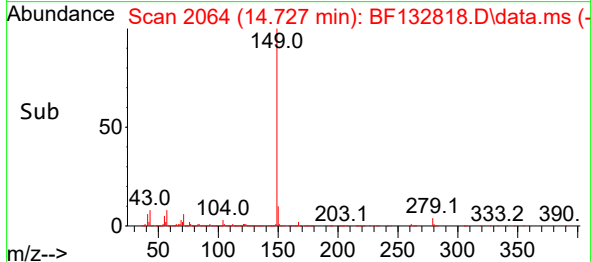
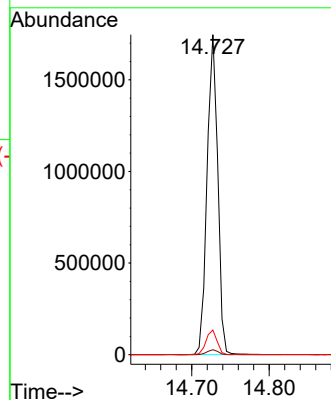
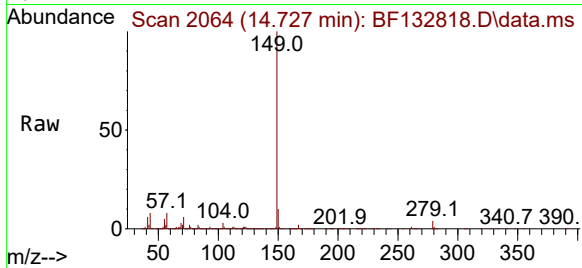
Tgt Ion:149 Resp: 1662589

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 6.2 9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.680 min Scan# 2226

Delta R.T. 0.000 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

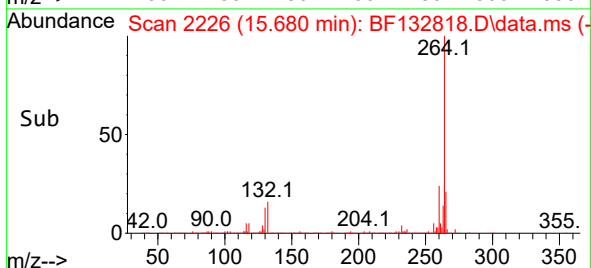
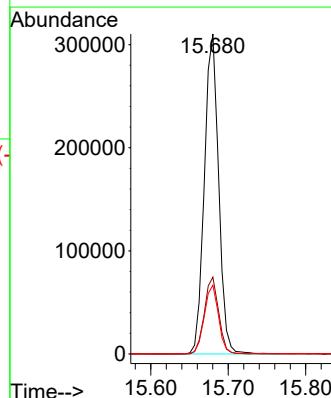
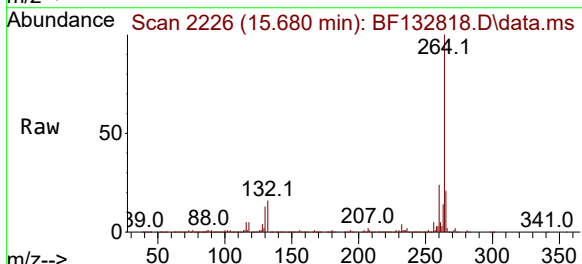
Tgt Ion:264 Resp: 397312

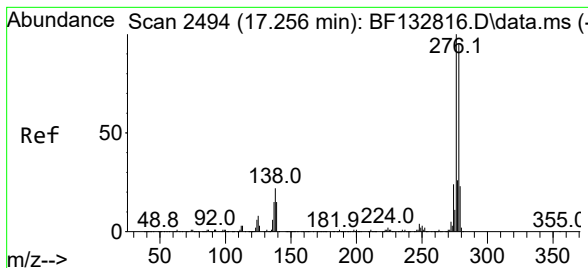
Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 63.630 ng

RT: 17.256 min Scan# 2494

Delta R.T. 0.000 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

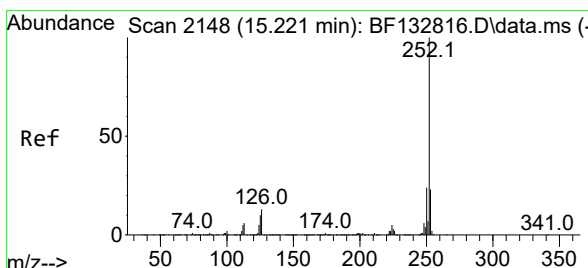
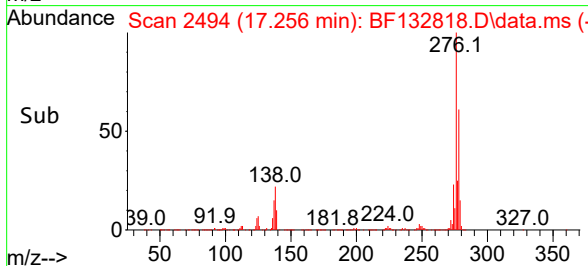
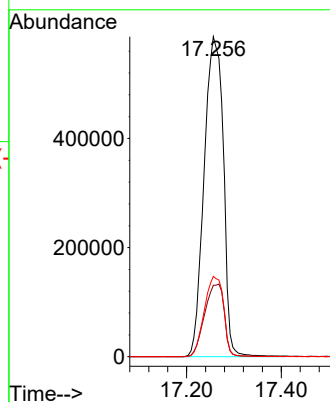
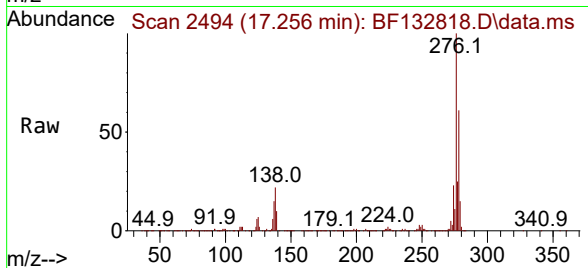
Tgt Ion:276 Resp: 1656528

Ion Ratio Lower Upper

276 100

138 23.1 18.8 28.2

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 54.728 ng

RT: 15.227 min Scan# 2149

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

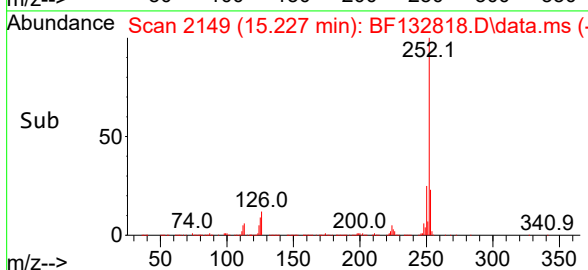
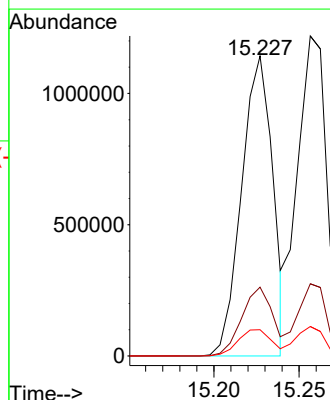
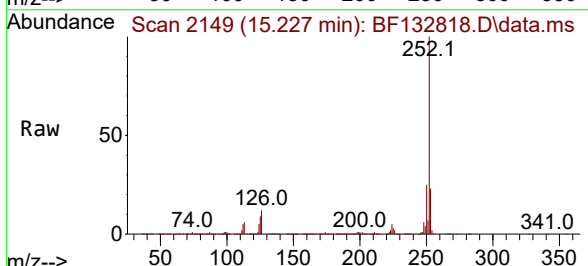
Tgt Ion:252 Resp: 1457178

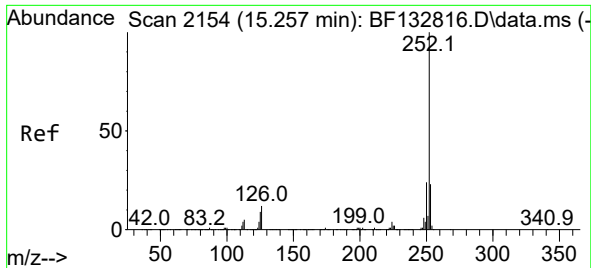
Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

125 8.7 7.8 11.8

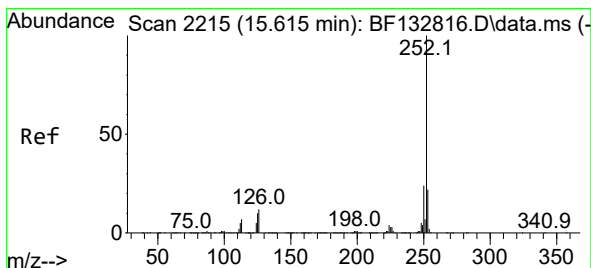
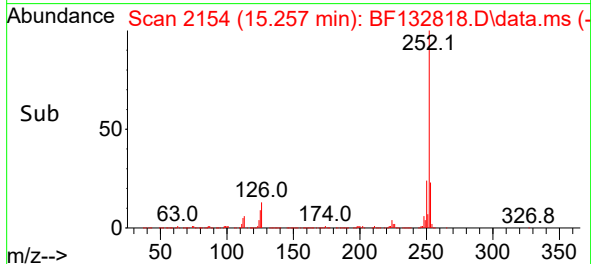
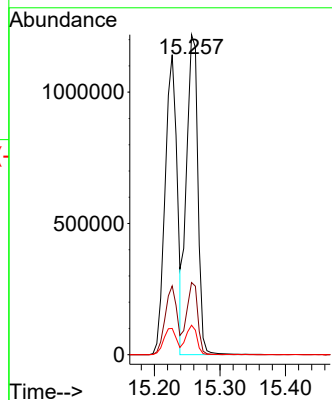
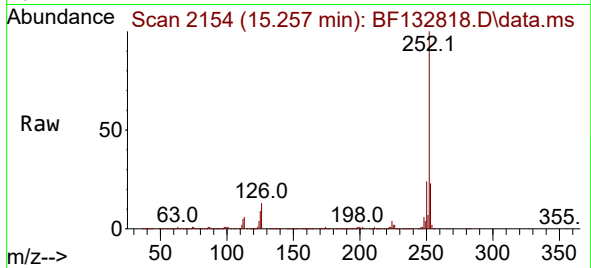




#89
Benzo(k)fluoranthene
Concen: 56.209 ng
RT: 15.257 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

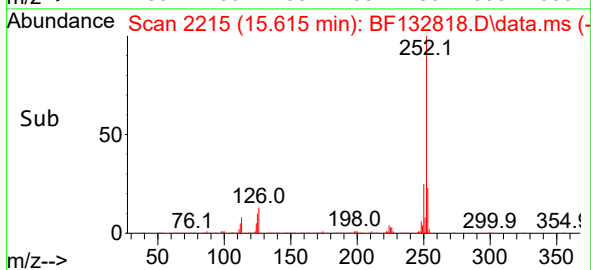
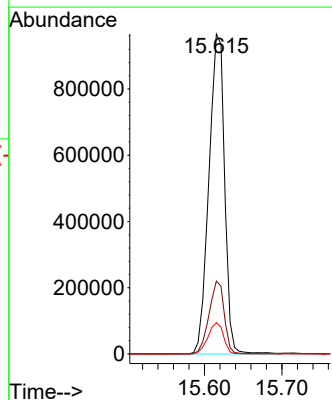
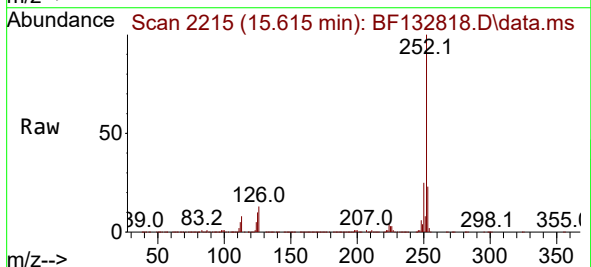
Instrument :
BNA_F
ClientSampleId :

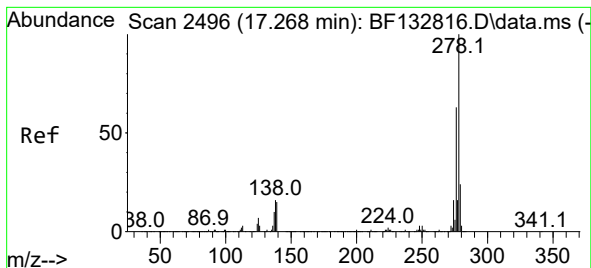
Tgt Ion:252 Resp: 1464735
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 9.2 7.2 10.8



#90
Benzo(a)pyrene
Concen: 54.540 ng
RT: 15.615 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BF132818.D
Acq: 16 Mar 2023 17:56

Tgt Ion:252 Resp: 1359122
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 9.8 7.7 11.5





#91

Dibenzo(a,h)anthracene

Concen: 63.314 ng

RT: 17.274 min Scan# 2496

Delta R.T. 0.006 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Instrument :

BNA_F

ClientSampleId :

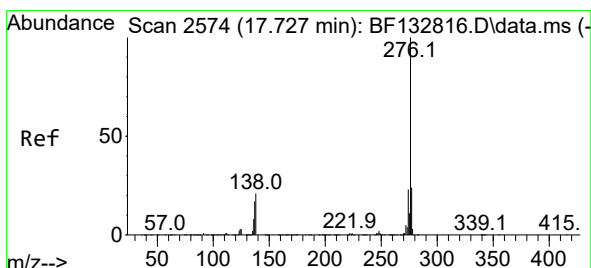
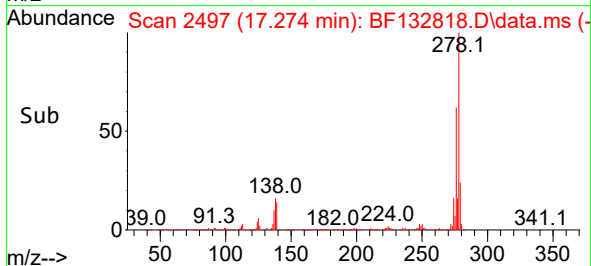
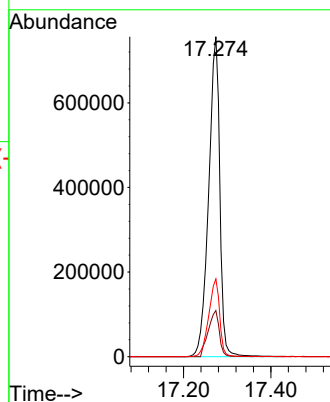
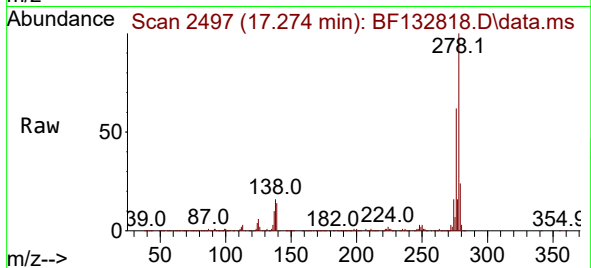
Tgt Ion:278 Resp: 1342976

Ion Ratio Lower Upper

278 100

139 14.4 11.8 17.8

279 24.3 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 66.073 ng

RT: 17.745 min Scan# 2577

Delta R.T. 0.018 min

Lab File: BF132818.D

Acq: 16 Mar 2023 17:56

Tgt Ion:276 Resp: 1459517

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.6

138 20.0 16.8 25.2

