

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031623\
 Data File : BF132819.D
 Acq On : 16 Mar 2023 18:29
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 17 02:34:56 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	205557	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	702796	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	370005	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	685984	20.000	ng	0.00
76) Chrysene-d12	14.157	240	382855	20.000	ng	0.00
86) Perylene-d12	15.680	264	376596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	1499541	118.396	ng	0.00
7) Phenol-d6	6.610	99	2026138	122.576	ng	0.01
23) Nitrobenzene-d5	7.539	82	1911100	129.015	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	573272	143.465	ng	0.01
45) 2-Fluorobiphenyl	9.328	172	2823625	116.199	ng	0.00
79) Terphenyl-d14	13.092	244	3320278	146.629	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	515283	73.549	ng	98
3) Pyridine	3.587	79	1354940	72.859	ng	97
4) n-Nitrosodimethylamine	3.575	42	483000	68.759	ng	95
6) Aniline	6.639	93	1326977	59.653	ng	98
8) 2-Chlorophenol	6.757	128	804498	61.201	ng	98
9) Benzaldehyde	6.522	77	300414	33.681	ng	98
10) Phenol	6.628	94	1123166	59.268	ng	91
11) bis(2-Chloroethyl)ether	6.704	93	1167731	79.820	ng	98
12) 1,3-Dichlorobenzene	6.910	146	911298	64.602	ng	99
13) 1,4-Dichlorobenzene	6.986	146	894031	63.471	ng	99
14) 1,2-Dichlorobenzene	7.139	146	772348	57.135	ng	98
15) Benzyl Alcohol	7.116	79	652939	51.291	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.239	45	974310	52.226	ng	88
17) 2-Methylphenol	7.228	107	754339	61.488	ng	# 90
18) Hexachloroethane	7.475	117	368349	66.937	ng	97
19) n-Nitroso-di-n-propyla...	7.392	70	570553	56.085	ng	97
20) 3+4-Methylphenols	7.381	107	772160	48.718	ng	97
22) Acetophenone	7.386	105	1055368	59.553	ng	# 97
24) Nitrobenzene	7.563	77	1019861	64.376	ng	98
25) Isophorone	7.792	82	2037852	71.755	ng	99
26) 2-Nitrophenol	7.869	139	498435	71.308	ng	97
27) 2,4-Dimethylphenol	7.904	122	722204	65.464	ng	97
28) bis(2-Chloroethoxy)met...	7.992	93	1097962	66.088	ng	100
29) 2,4-Dichlorophenol	8.116	162	769431	70.113	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	810905	68.049	ng	98
31) Naphthalene	8.275	128	2248982	62.509	ng	99
32) Benzoic acid	8.075	122	570596	71.458	ng	99
33) 4-Chloroaniline	8.328	127	855145	55.465	ng	98
34) Hexachlorobutadiene	8.381	225	531292	70.163	ng	99
35) Caprolactam	8.733	113	212388	58.704	ng	97
36) 4-Chloro-3-methylphenol	8.810	107	789110	65.476	ng	97
37) 2-Methylnaphthalene	8.963	142	1501098	61.222	ng	98
38) 1-Methylnaphthalene	9.063	142	1446694	63.136	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	828849	68.468	ng	99
41) Hexachlorocyclopentadiene	9.110	237	470165	71.606	ng	100
43) 2,4,6-Trichlorophenol	9.245	196	564140	68.764	ng	100

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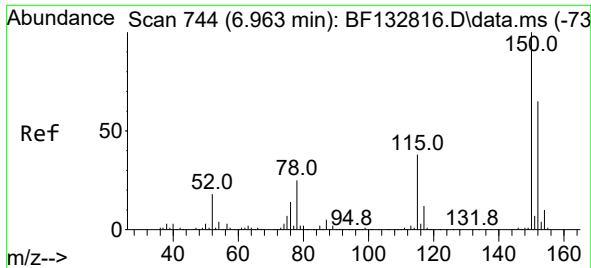
Quant Time: Mar 17 02:34:56 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	668065	69.771	ng	97
46) 1,1'-Biphenyl	9.433	154	1816375	64.859	ng	97
47) 2-Chloronaphthalene	9.457	162	1498973	67.510	ng	99
48) 2-Nitroaniline	9.563	65	541584	66.227	ng	96
49) Acenaphthylene	9.875	152	2123754	60.099	ng	99
50) Dimethylphthalate	9.733	163	1939434	71.988	ng	100
51) 2,6-Dinitrotoluene	9.804	165	414583	67.571	ng	99
52) Acenaphthene	10.045	154	1287227	57.366	ng	100
53) 3-Nitroaniline	9.980	138	490402	71.452	ng	99
54) 2,4-Dinitrophenol	10.080	184	265615	73.804	ng	96
55) Dibenzofuran	10.216	168	1876923	57.376	ng	98
56) 4-Nitrophenol	10.139	139	323882	63.277	ng	93
57) 2,4-Dinitrotoluene	10.210	165	490067	60.038	ng	# 89
58) Fluorene	10.563	166	1514438	60.524	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.339	232	492873	69.294	ng	99
60) Diethylphthalate	10.427	149	1662688	63.191	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	833166	64.186	ng	92
62) 4-Nitroaniline	10.598	138	365402	54.237	ng	97
63) Azobenzene	10.710	77	1657898	59.495	ng	99
65) 4,6-Dinitro-2-methylph...	10.622	198	331804	71.451	ng	97
66) n-Nitrosodiphenylamine	10.674	169	1411626	66.007	ng	99
67) 4-Bromophenyl-phenylether	11.039	248	547052	70.500	ng	99
68) Hexachlorobenzene	11.110	284	604946	74.091	ng	98
69) Atrazine	11.198	200	437815	65.576	ng	97
70) Pentachlorophenol	11.310	266	334299	68.817	ng	99
71) Phenanthrene	11.527	178	2298850	64.688	ng	100
72) Anthracene	11.586	178	2336298	63.841	ng	99
73) Carbazole	11.739	167	2093778	63.459	ng	99
74) Di-n-butylphthalate	12.051	149	2477060	64.002	ng	99
75) Fluoranthene	12.721	202	2471086	63.607	ng	99
77) Benzidine	12.863	184	249248	26.744	ng	97
78) Pyrene	12.957	202	2483468	71.347	ng	99
80) Butylbenzylphthalate	13.557	149	1057531	76.989	ng	97
81) Benzo(a)anthracene	14.145	228	2053476	71.684	ng	99
82) 3,3'-Dichlorobenzidine	14.104	252	472348	55.930	ng	99
83) Chrysene	14.186	228	1946360	72.659	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	1218505	72.212	ng	# 98
85) Di-n-octyl phthalate	14.727	149	1979185	80.265	ng	99
87) Indeno(1,2,3-cd)pyrene	17.262	276	2070008	83.887	ng	98
88) Benzo(b)fluoranthene	15.262	252	1562205	61.900	ng	98
89) Benzo(k)fluoranthene	15.262	252	1562205	63.248	ng	99
90) Benzo(a)pyrene	15.621	252	1691502	71.612	ng	99
91) Dibenzo(a,h)anthracene	17.280	278	1624315	80.790	ng	98
92) Benzo(g,h,i)perylene	17.750	276	1863326	88.993	ng	99

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

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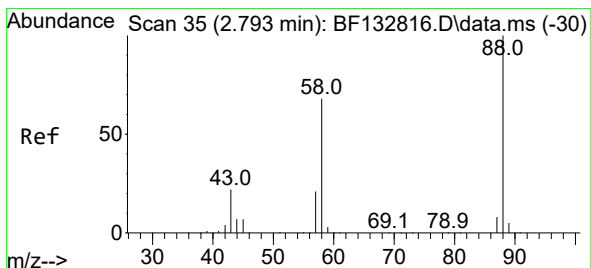
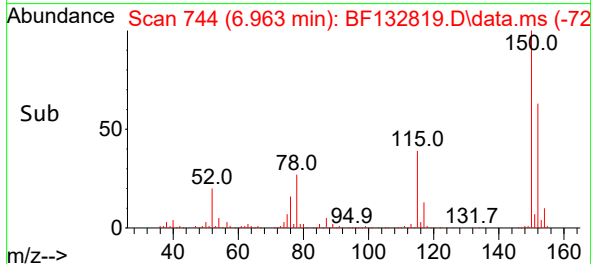
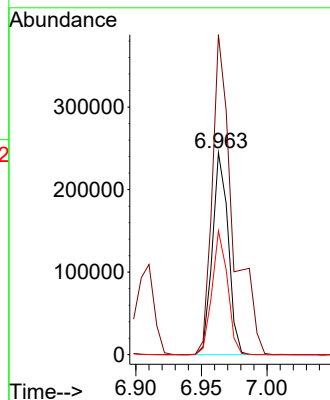
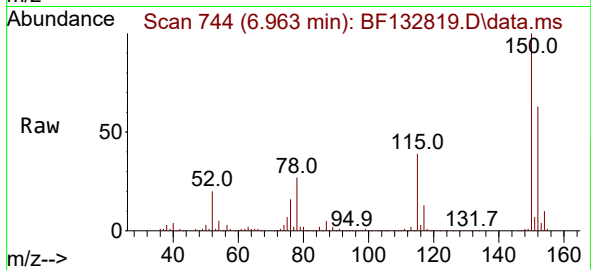




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: BF132819.D
 Acq: 16 Mar 2023 18:29

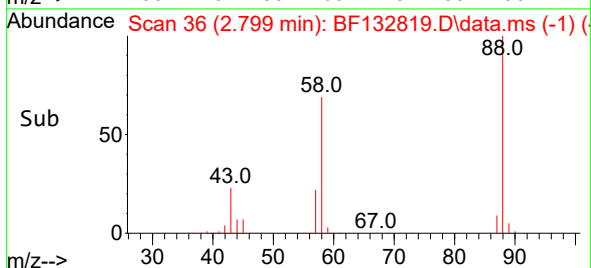
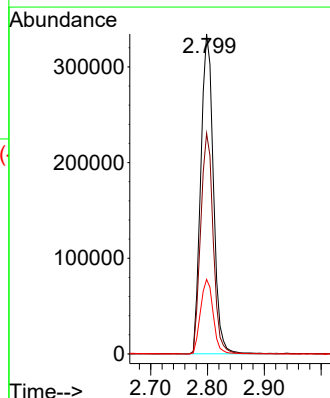
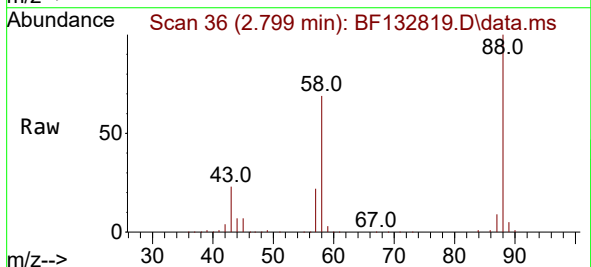
Instrument :
 BNA_F
 ClientSampleId :

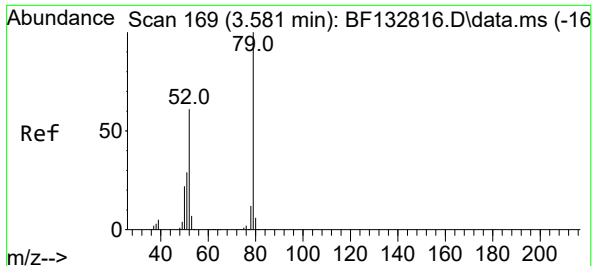
Tgt Ion:152 Resp: 205557
 Ion Ratio Lower Upper
 152 100
 150 158.4 122.7 184.1
 115 61.3 46.2 69.4



#2
 1,4-Dioxane
 Concen: 73.549 ng
 RT: 2.799 min Scan# 36
 Delta R.T. 0.006 min
 Lab File: BF132819.D
 Acq: 16 Mar 2023 18:29

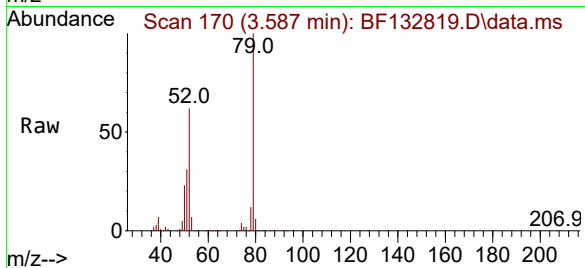
Tgt Ion: 88 Resp: 515283
 Ion Ratio Lower Upper
 88 100
 58 68.7 53.8 80.8
 43 23.6 18.2 27.4





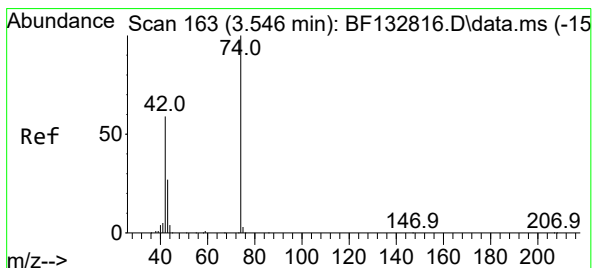
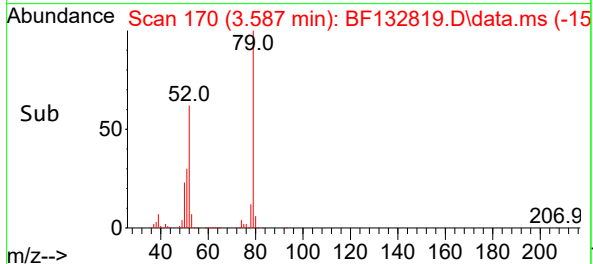
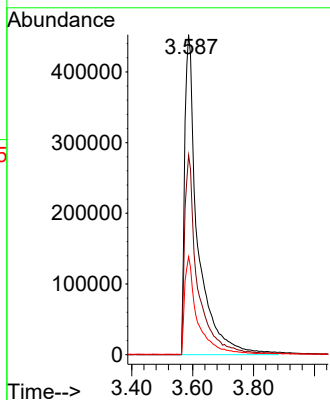
#3
 Pyridine
 Concen: 72.859 ng
 RT: 3.587 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF132819.D
 Acq: 16 Mar 2023 18:29

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion: 79 Resp: 1354940

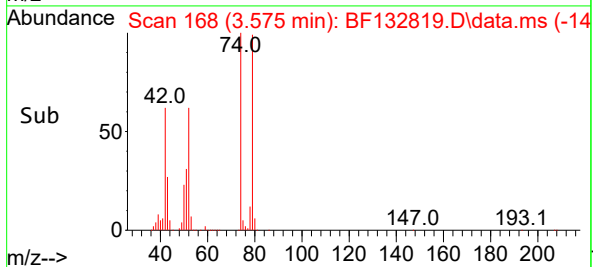
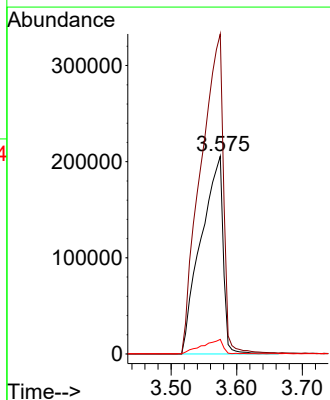
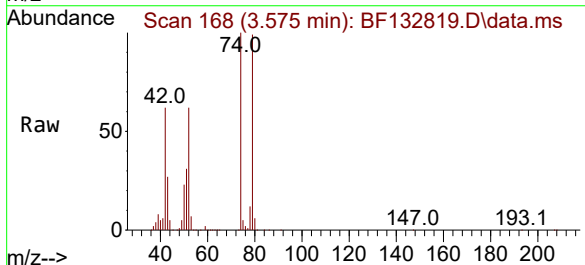
Ion	Ratio	Lower	Upper
79	100		
52	62.3	48.5	72.7
51	30.6	23.1	34.7

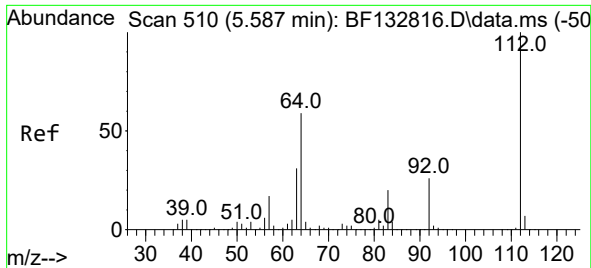


#4
 n-Nitrosodimethylamine
 Concen: 68.759 ng
 RT: 3.575 min Scan# 168
 Delta R.T. 0.029 min
 Lab File: BF132819.D
 Acq: 16 Mar 2023 18:29

Tgt Ion: 42 Resp: 483000

Ion	Ratio	Lower	Upper
42	100		
74	161.8	135.2	202.8
44	7.4	6.0	9.0

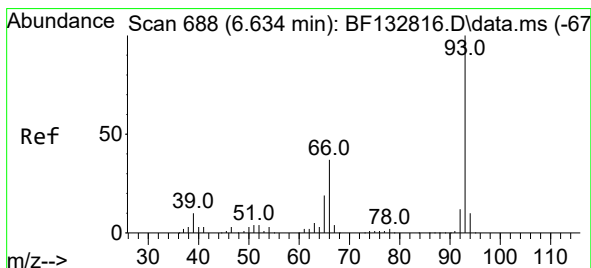
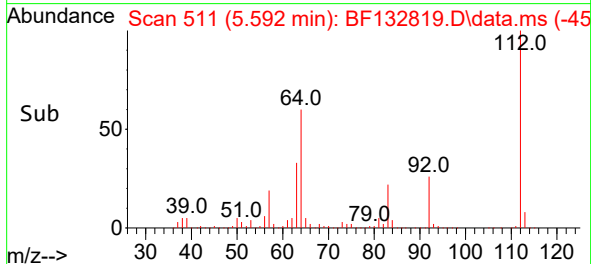
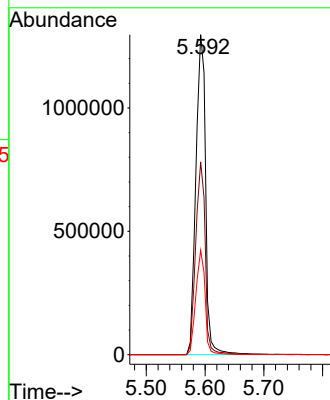
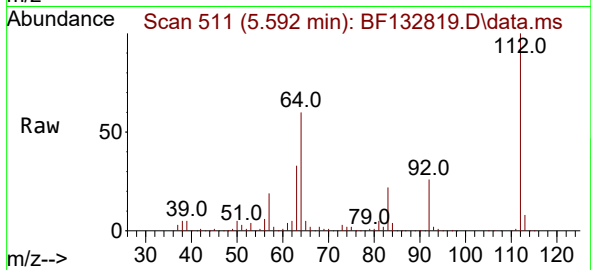




#5
2-Fluorophenol
Concen: 118.396 ng
RT: 5.592 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

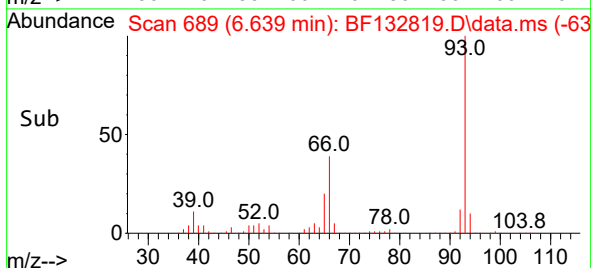
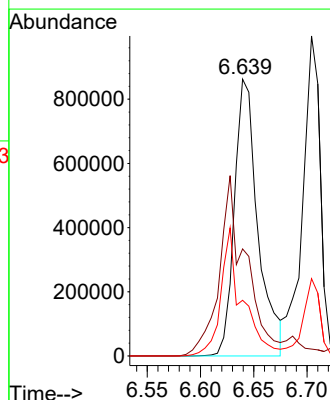
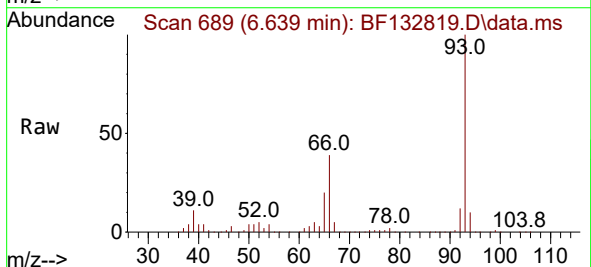
Instrument :
BNA_F
ClientSampleId :

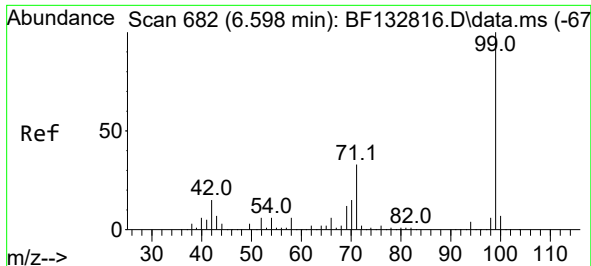
Tgt Ion:112 Resp: 1499541
Ion Ratio Lower Upper
112 100
64 60.3 47.1 70.7
63 32.7 24.4 36.6



#6
Aniline
Concen: 59.653 ng
RT: 6.639 min Scan# 689
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion: 93 Resp: 1326977
Ion Ratio Lower Upper
93 100
66 38.6 30.1 45.1
65 20.1 15.0 22.6

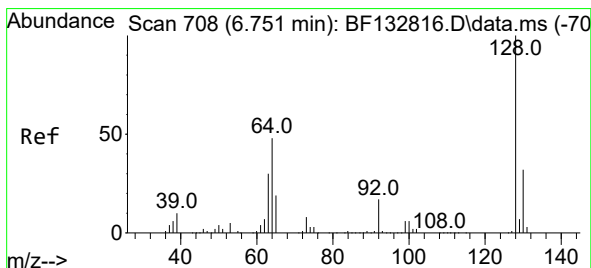
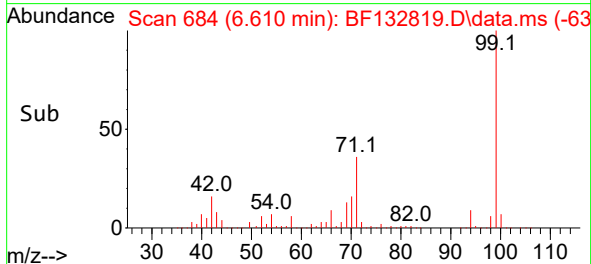
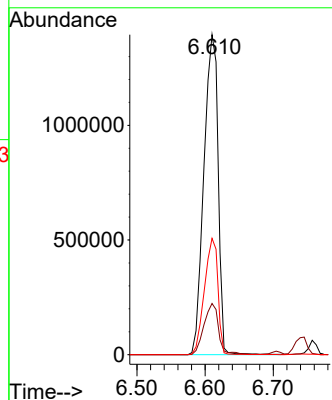
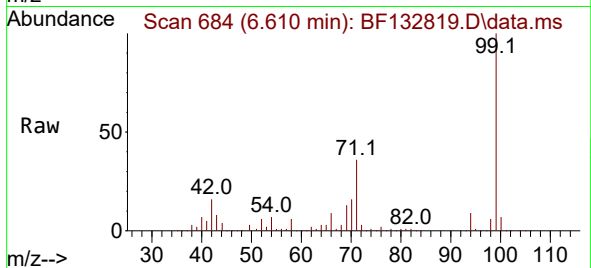




#7
Phenol-d6
Concen: 122.576 ng
RT: 6.610 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

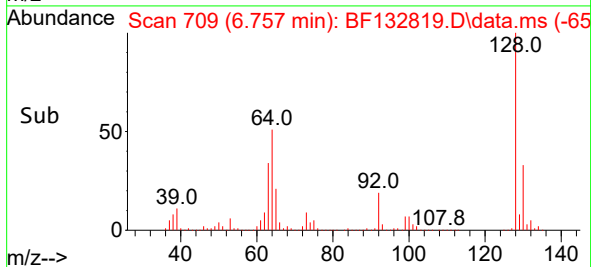
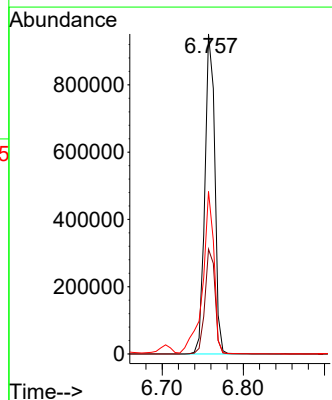
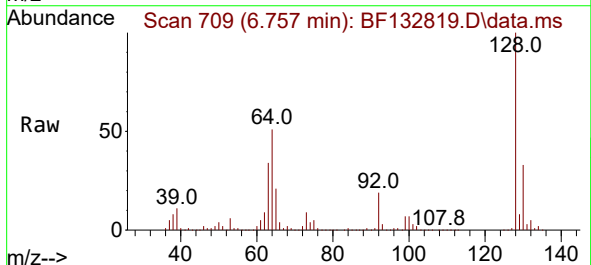
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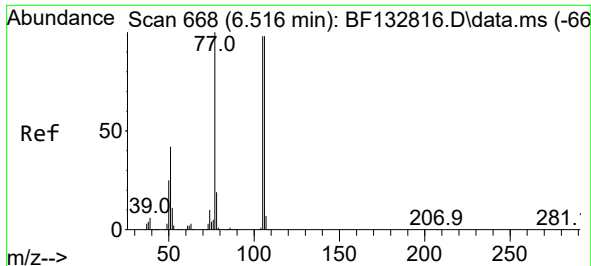
Tgt Ion: 99 Resp: 2026138
Ion Ratio Lower Upper
99 100
42 16.0 11.9 17.9
71 36.4 26.3 39.5



#8
2-Chlorophenol
Concen: 61.201 ng
RT: 6.757 min Scan# 709
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion:128 Resp: 804498
Ion Ratio Lower Upper
128 100
130 32.8 12.4 52.4
64 50.8 28.4 68.4

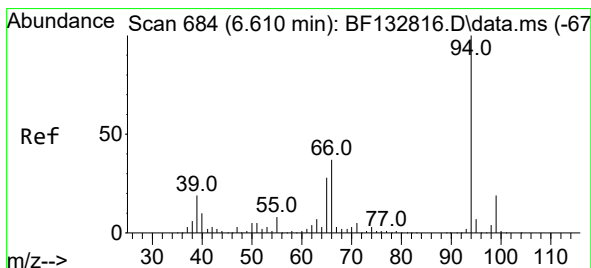
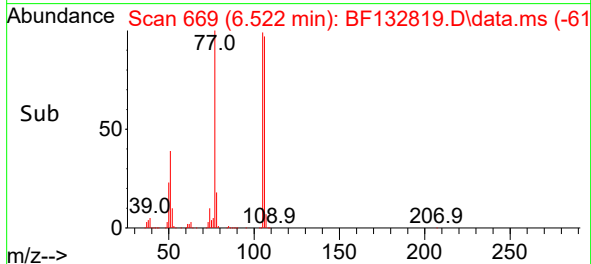
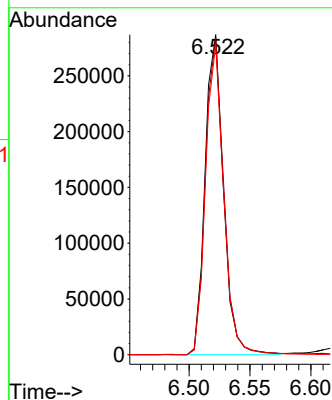
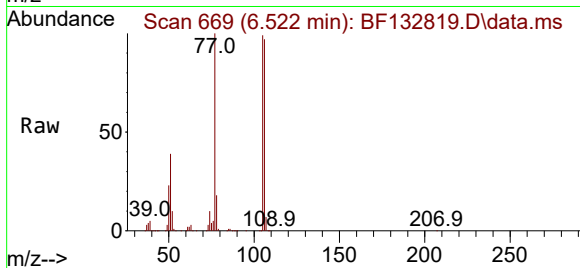




#9
Benzaldehyde
Concen: 33.681 ng
RT: 6.522 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

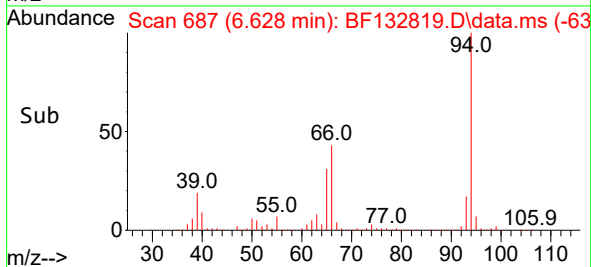
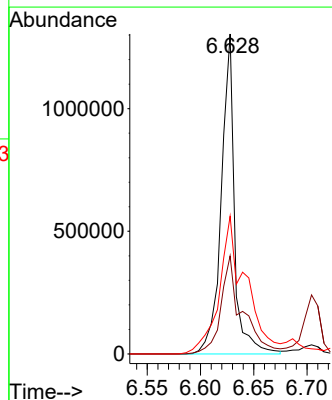
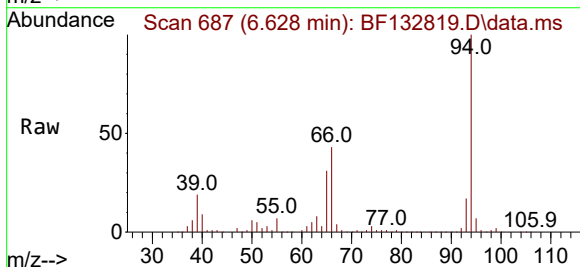
Instrument :
BNA_F
ClientSampleId :

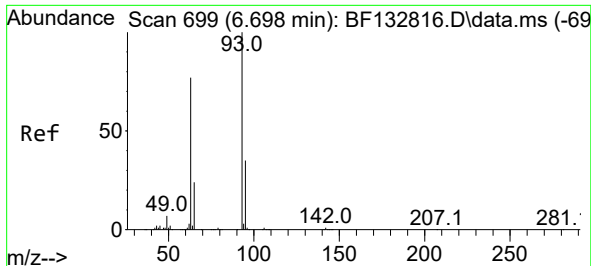
Tgt Ion: 77 Resp: 300414
Ion Ratio Lower Upper
77 100
105 99.1 77.5 117.5
106 96.9 78.5 118.5



#10
Phenol
Concen: 59.268 ng
RT: 6.628 min Scan# 687
Delta R.T. 0.018 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion: 94 Resp: 1123166
Ion Ratio Lower Upper
94 100
65 30.6 7.7 47.7
66 43.1 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 79.820 ng

RT: 6.704 min Scan# 700

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

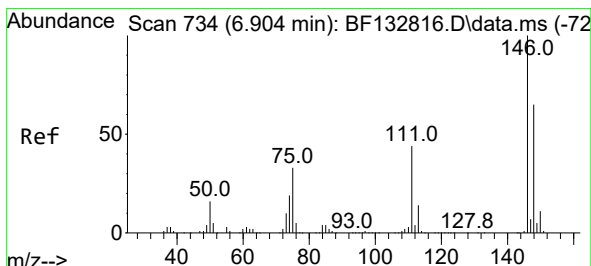
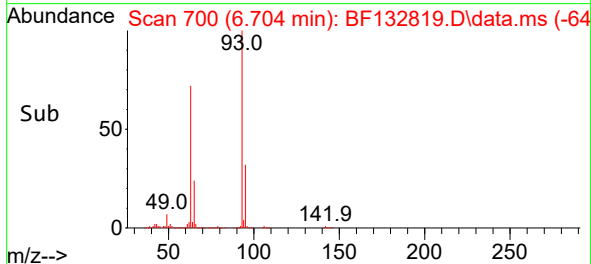
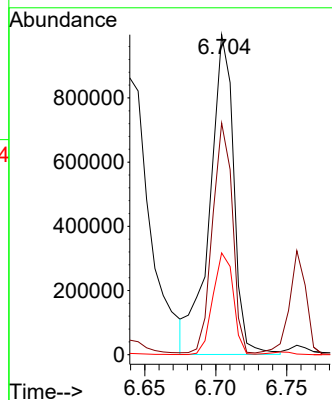
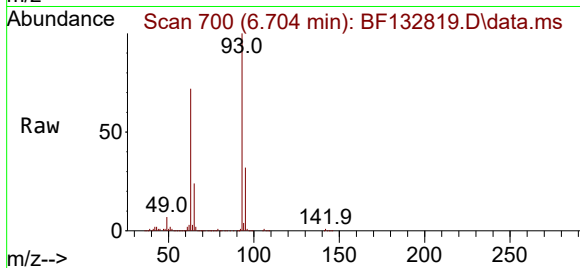
Tgt Ion: 93 Resp: 1167731

Ion Ratio Lower Upper

93 100

63 72.4 50.5 90.5

95 31.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 64.602 ng

RT: 6.910 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

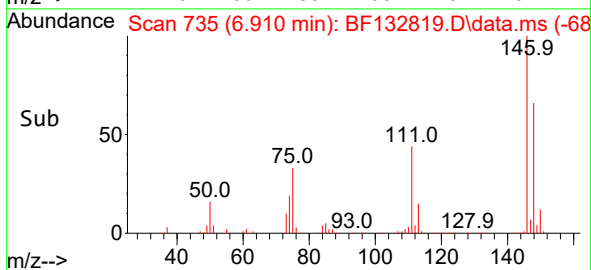
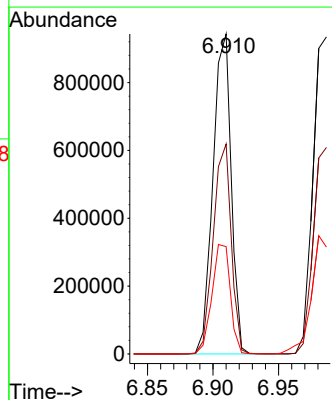
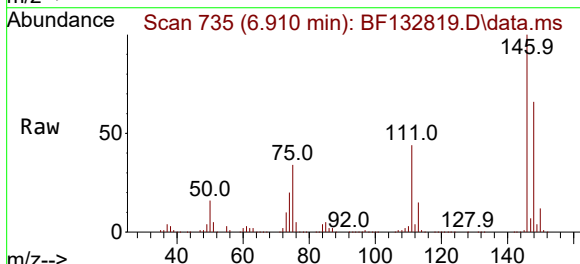
Tgt Ion:146 Resp: 911298

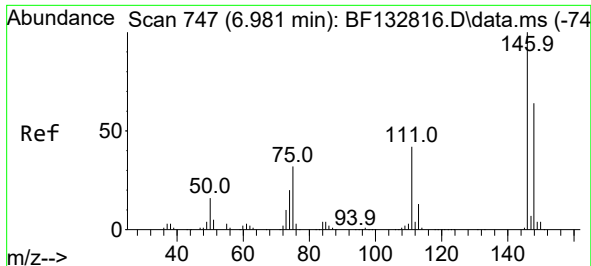
Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.8

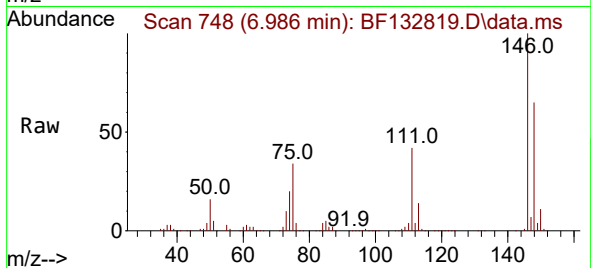
75 33.6 26.4 39.6



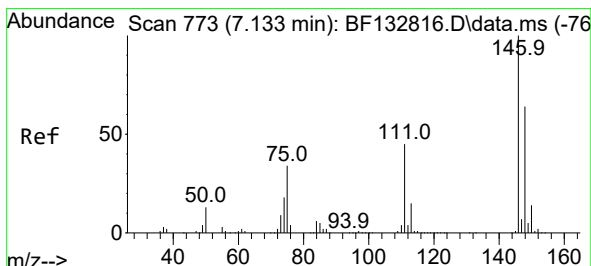
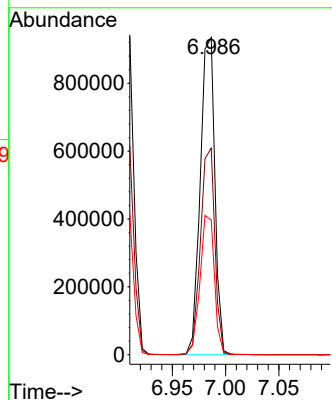
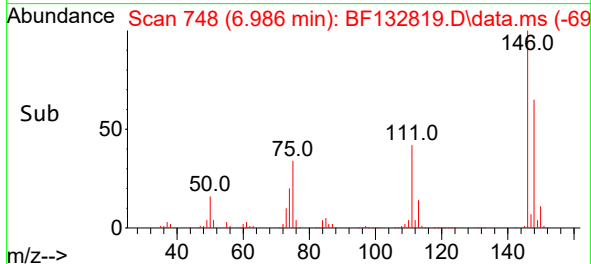


#13
1,4-Dichlorobenzene
Concen: 63.471 ng
RT: 6.986 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

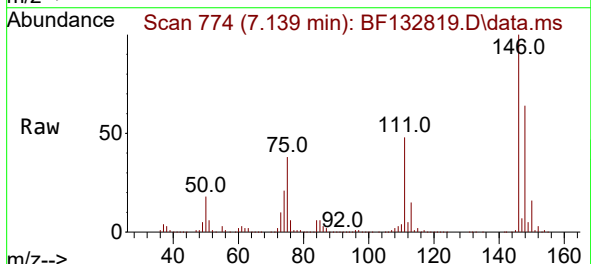
Instrument :
BNA_F
ClientSampleId :



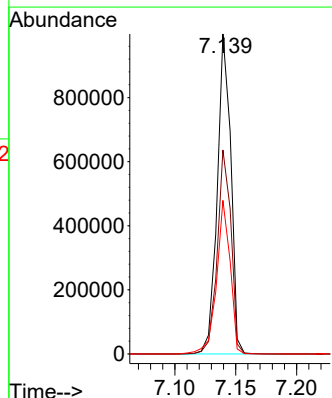
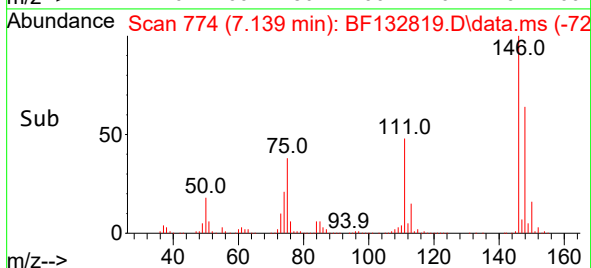
Tgt Ion:146 Resp: 894031
Ion Ratio Lower Upper
146 100
148 65.1 51.2 76.8
111 42.4 33.8 50.6

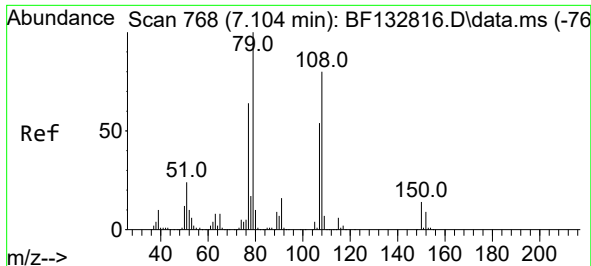


#14
1,2-Dichlorobenzene
Concen: 57.135 ng
RT: 7.139 min Scan# 774
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29



Tgt Ion:146 Resp: 772348
Ion Ratio Lower Upper
146 100
148 63.7 50.9 76.3
111 48.0 35.8 53.8





#15

Benzyl Alcohol

Concen: 51.291 ng

RT: 7.116 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

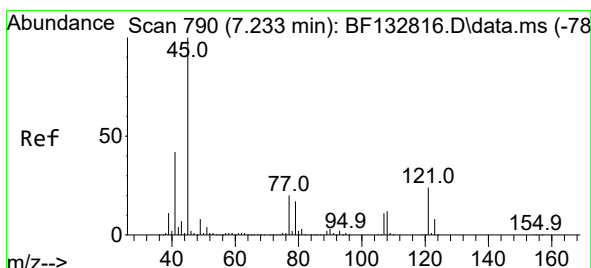
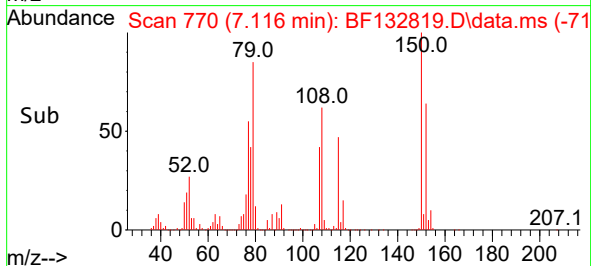
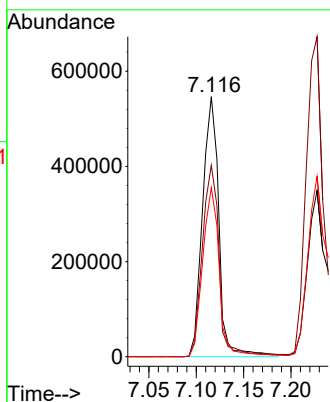
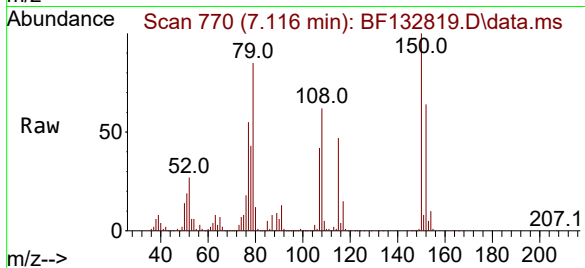
Tgt Ion: 79 Resp: 652939

Ion Ratio Lower Upper

79 100

108 73.6 64.2 96.2

77 65.1 51.4 77.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 52.226 ng

RT: 7.239 min Scan# 791

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

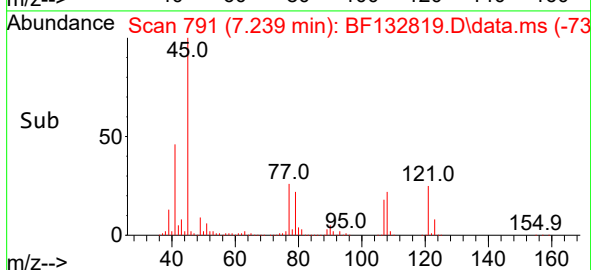
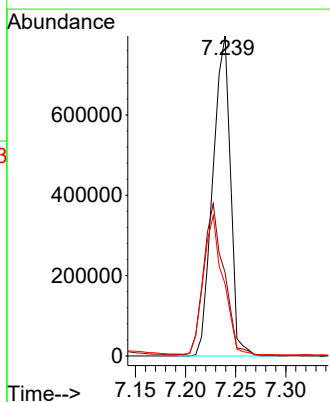
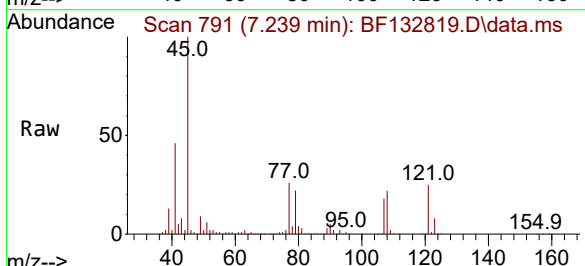
Tgt Ion: 45 Resp: 974310

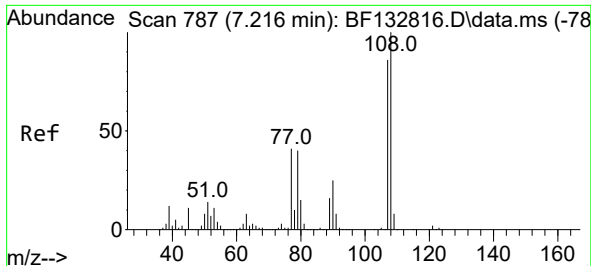
Ion Ratio Lower Upper

45 100

77 26.1 0.7 40.7

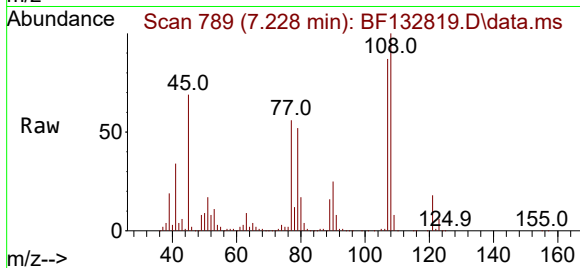
79 22.5 0.0 37.2



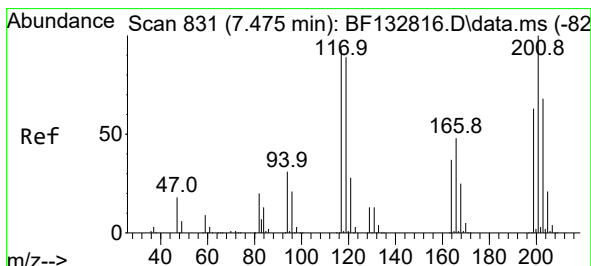
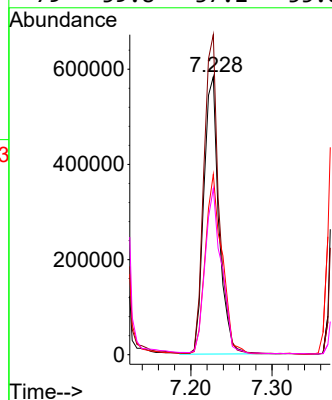
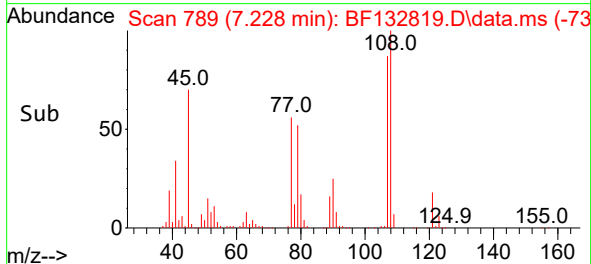


#17
2-Methylphenol
Concen: 61.488 ng
RT: 7.228 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Instrument :
BNA_F
ClientSampleId :

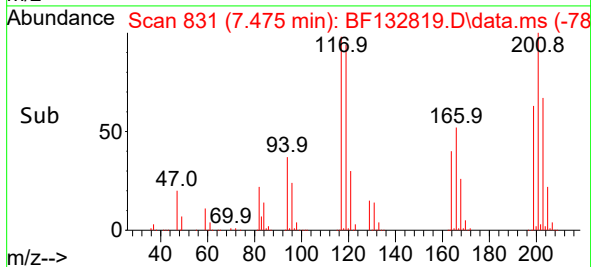
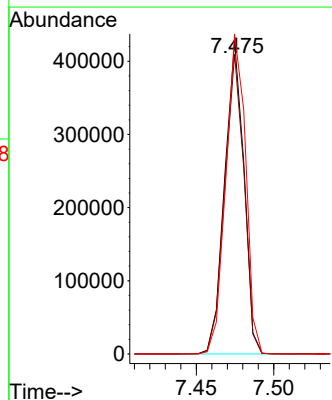
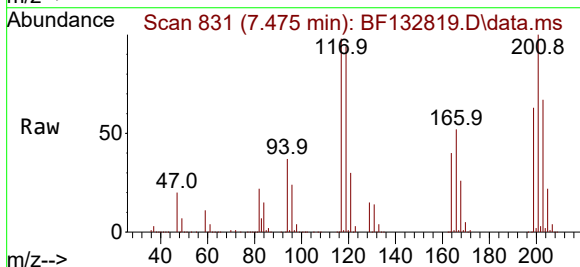


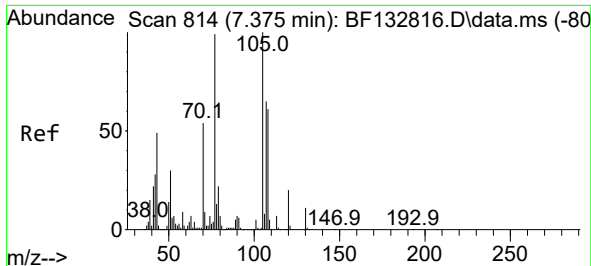
Tgt Ion:107 Resp: 754339
Ion Ratio Lower Upper
107 100
108 115.1 92.6 139.0
77 64.9 38.6 57.8#
79 59.8 37.2 55.8#



#18
Hexachloroethane
Concen: 66.937 ng
RT: 7.475 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion:117 Resp: 368349
Ion Ratio Lower Upper
117 100
119 95.8 77.3 115.9
201 102.2 86.4 129.6





#19

n-Nitroso-di-n-propylamine

Concen: 56.085 ng

RT: 7.392 min Scan# 817

Delta R.T. 0.018 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 70 Resp: 570553

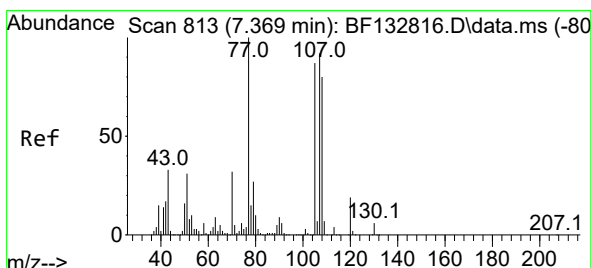
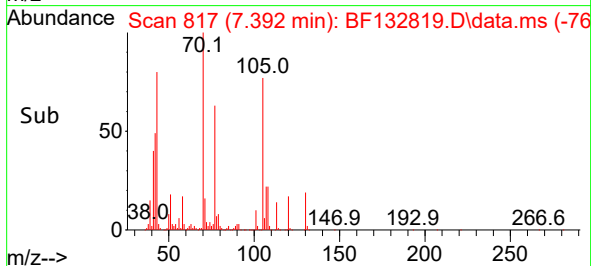
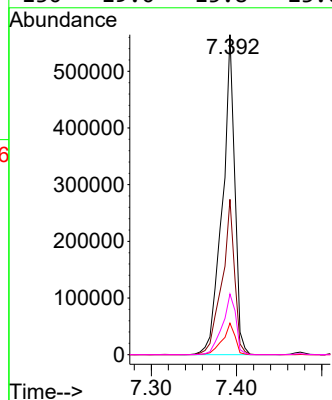
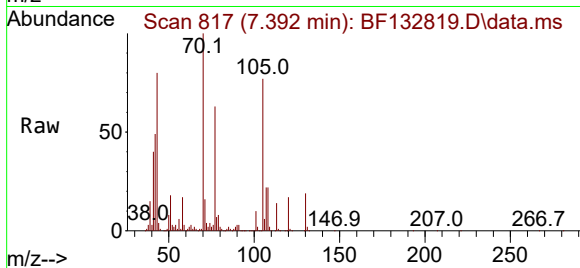
Ion Ratio Lower Upper

70 100

42 48.6 40.9 61.3

101 9.8 7.8 11.6

130 19.0 15.8 23.6



#20

3+4-Methylphenols

Concen: 48.718 ng

RT: 7.381 min Scan# 815

Delta R.T. 0.012 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Tgt Ion: 107 Resp: 772160

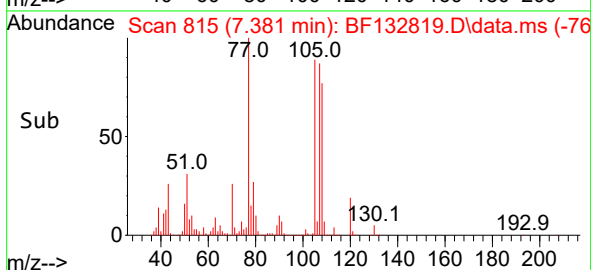
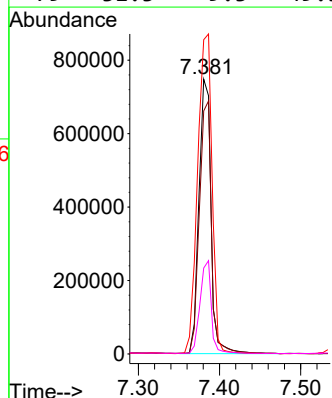
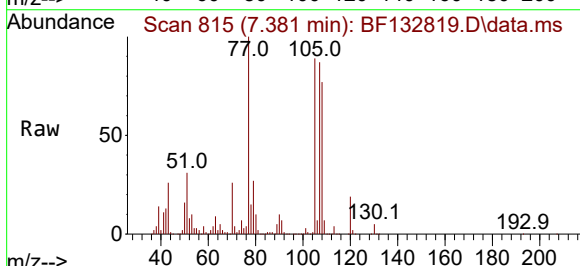
Ion Ratio Lower Upper

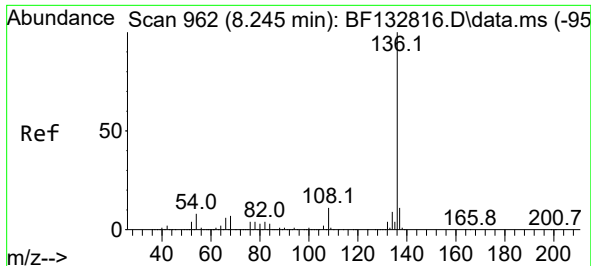
107 100

108 88.5 67.6 107.6

77 114.4 89.1 129.1

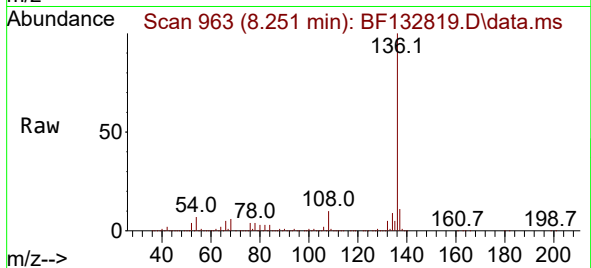
79 31.3 9.3 49.3



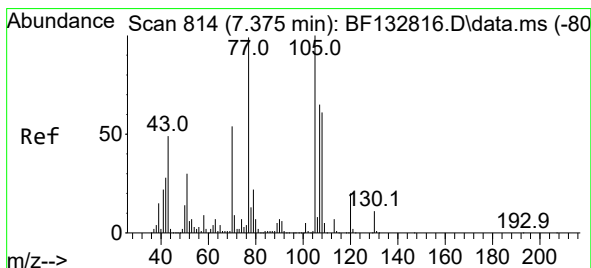
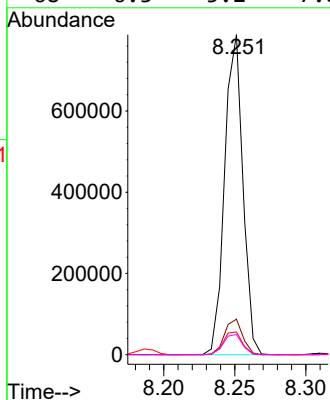
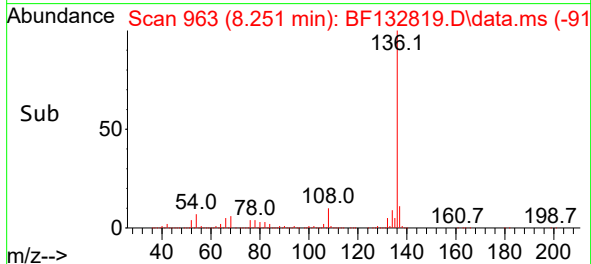


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

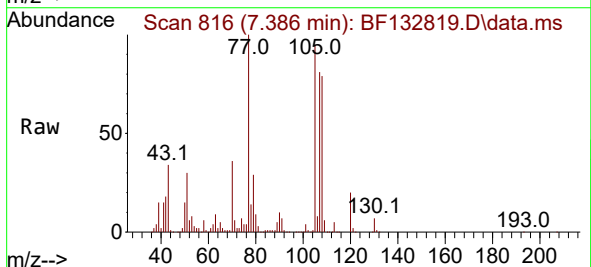
Instrument :
BNA_F
ClientSampleId :



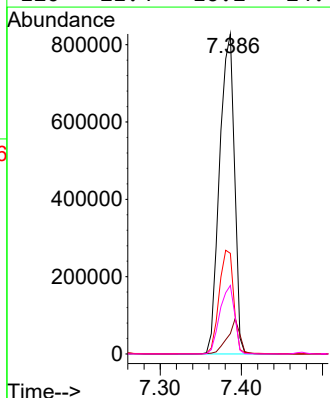
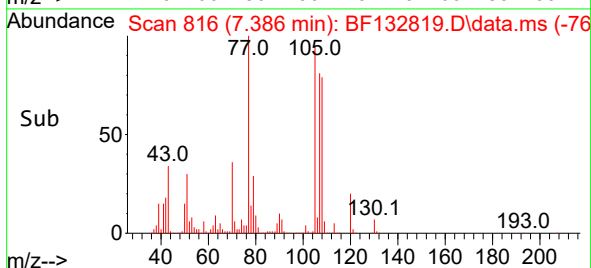
Tgt Ion:136 Resp: 702796
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.1 6.1 9.1
68 6.3 5.2 7.8

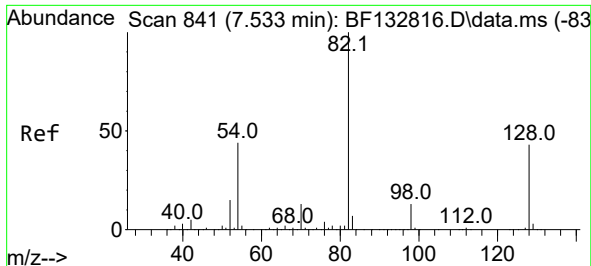


#22
Acetophenone
Concen: 59.553 ng
RT: 7.386 min Scan# 816
Delta R.T. 0.012 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29



Tgt Ion:105 Resp: 1055368
Ion Ratio Lower Upper
105 100
71 6.4 7.3 10.9#
51 31.4 23.9 35.9
120 21.4 16.2 24.4





#23

Nitrobenzene-d5

Concen: 129.015 ng

RT: 7.539 min Scan# 841

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

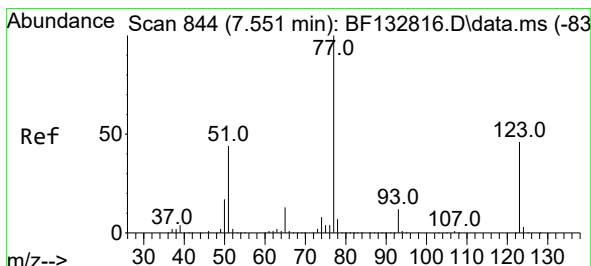
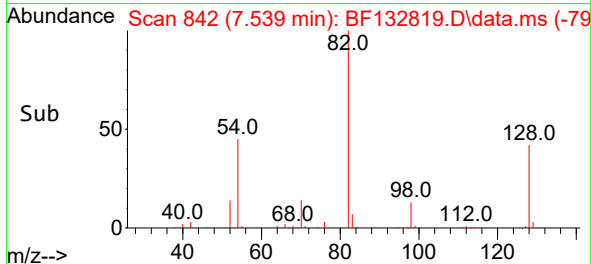
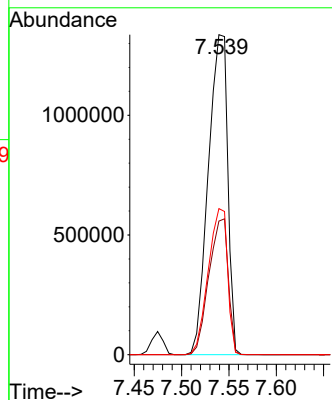
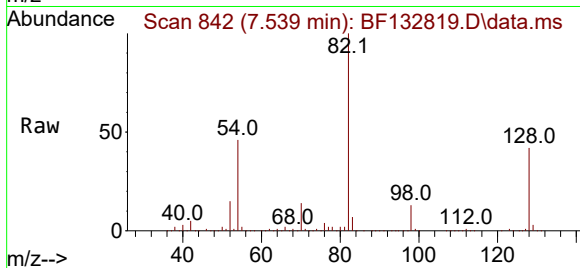
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 82 Resp: 1911100

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.4	51.6
54	45.7	35.2	52.8



#24

Nitrobenzene

Concen: 64.376 ng

RT: 7.563 min Scan# 846

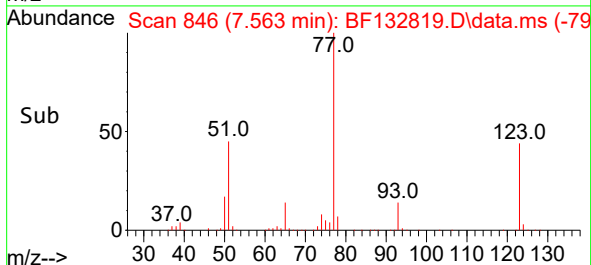
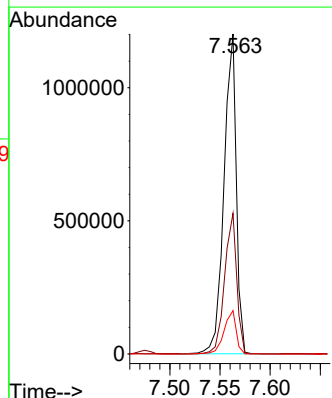
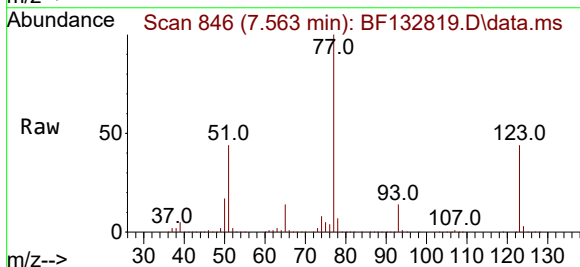
Delta R.T. 0.012 min

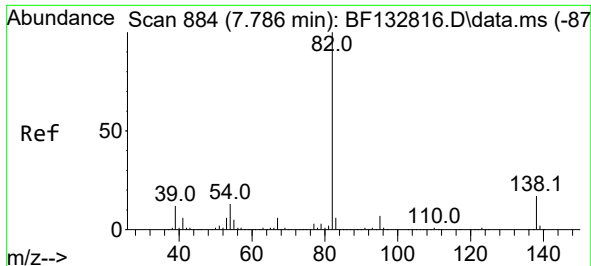
Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Tgt Ion: 77 Resp: 1019861

Ion	Ratio	Lower	Upper
77	100		
123	44.0	36.4	54.6
65	13.6	10.3	15.5

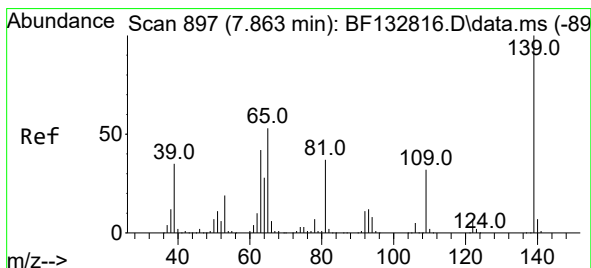
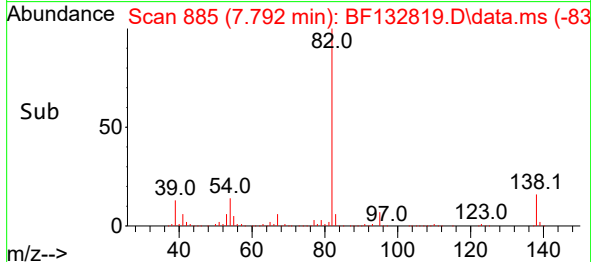
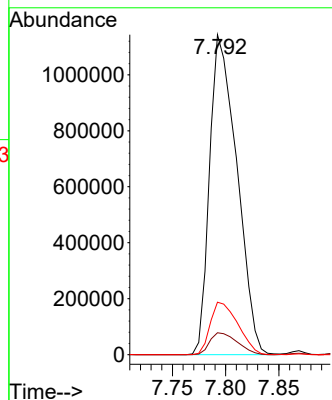
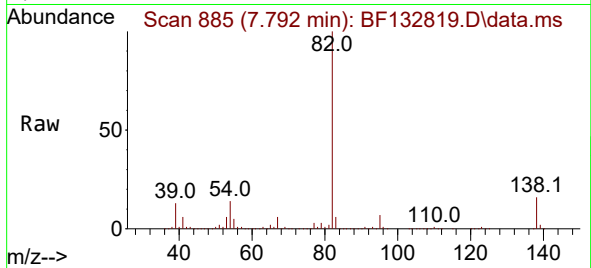




#25
Isophorone
Concen: 71.755 ng
RT: 7.792 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

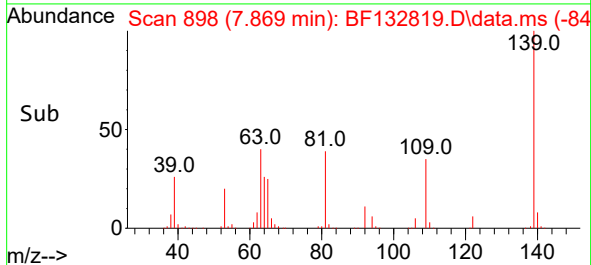
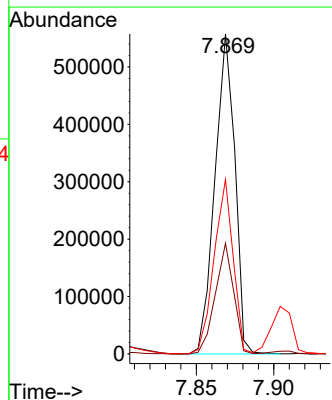
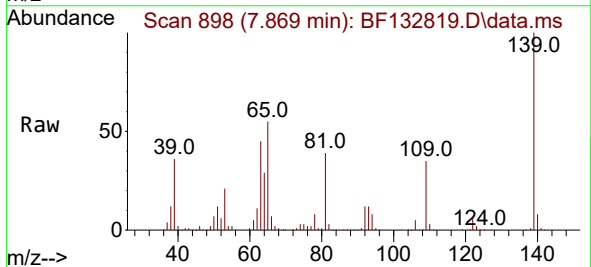
Instrument :
BNA_F
ClientSampleId :

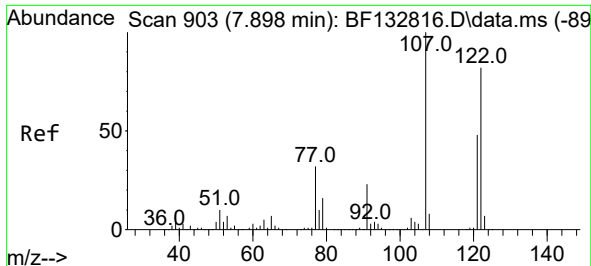
Tgt Ion: 82 Resp: 2037852
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 16.4 13.7 20.5



#26
2-Nitrophenol
Concen: 71.308 ng
RT: 7.869 min Scan# 898
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

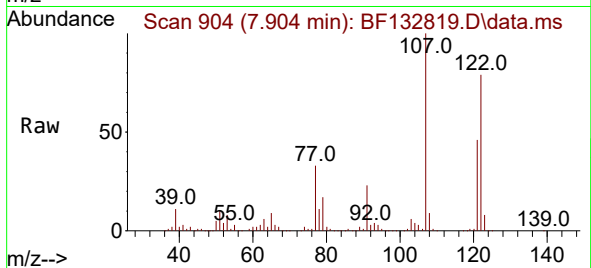
Tgt Ion:139 Resp: 498435
Ion Ratio Lower Upper
139 100
109 34.6 25.8 38.8
65 54.6 42.7 64.1



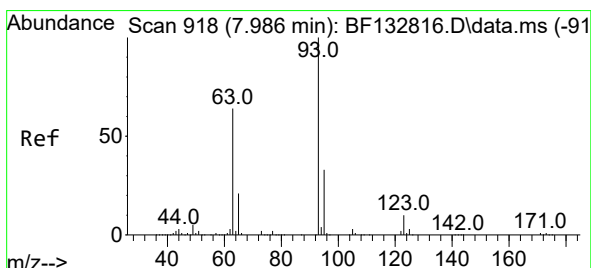
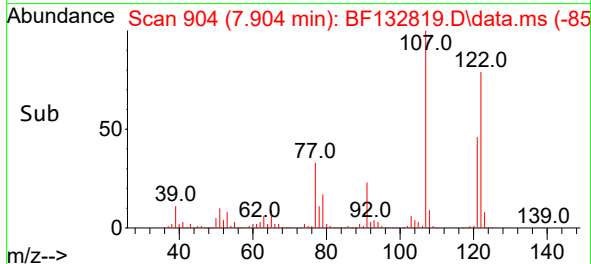
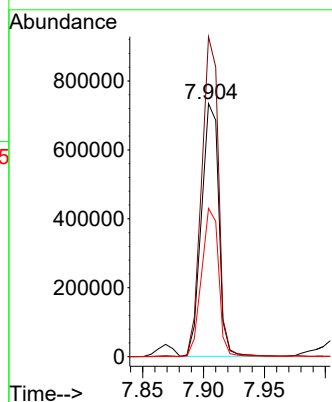


#27
2,4-Dimethylphenol
Concen: 65.464 ng
RT: 7.904 min Scan# 904
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Instrument :
BNA_F
ClientSampleId :

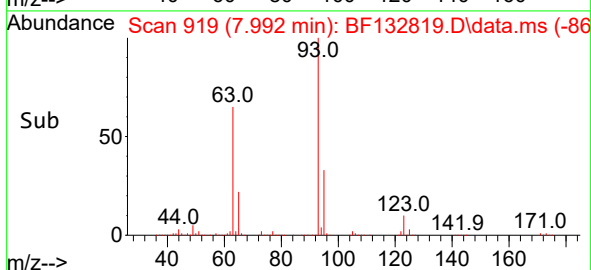
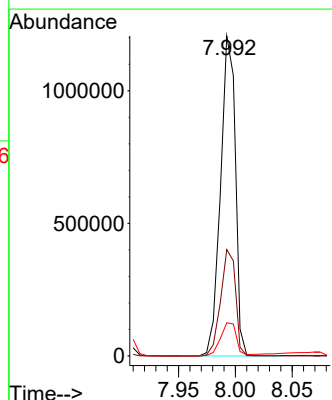
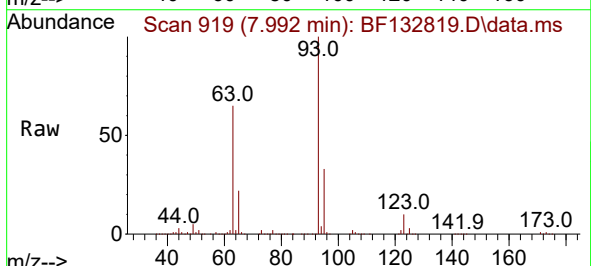


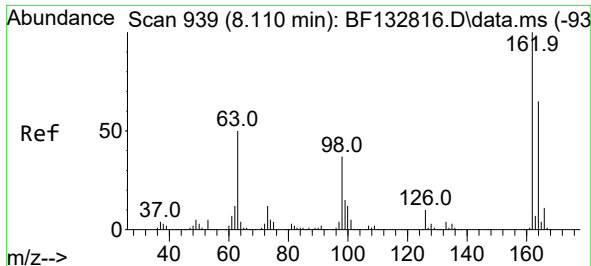
Tgt Ion:122 Resp: 722204
Ion Ratio Lower Upper
122 100
107 126.4 97.0 145.4
121 58.6 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 66.088 ng
RT: 7.992 min Scan# 919
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

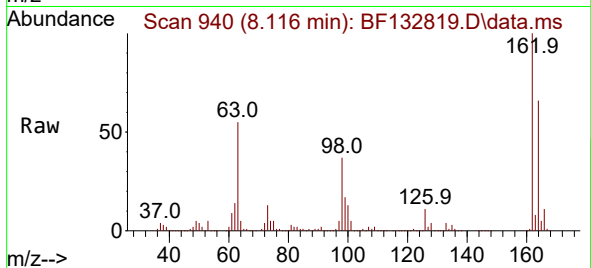
Tgt Ion: 93 Resp: 1097962
Ion Ratio Lower Upper
93 100
95 33.2 26.4 39.6
123 10.3 8.4 12.6



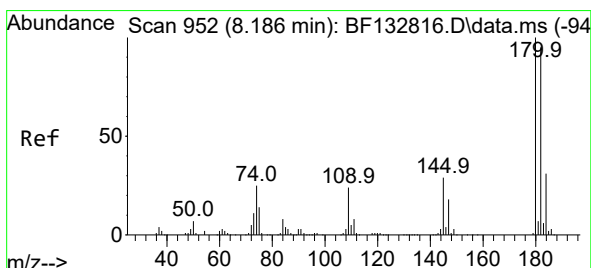
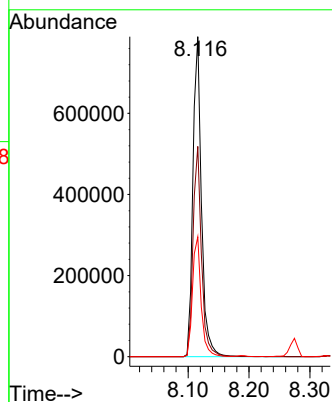
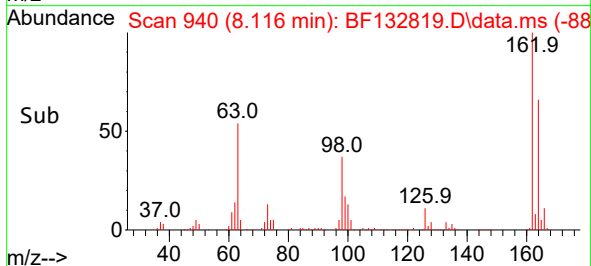


#29
2,4-Dichlorophenol
Concen: 70.113 ng
RT: 8.116 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

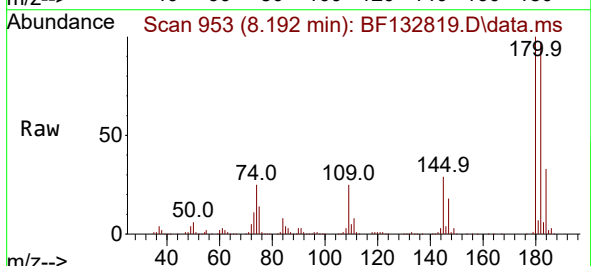
Instrument :
BNA_F
ClientSampleId :



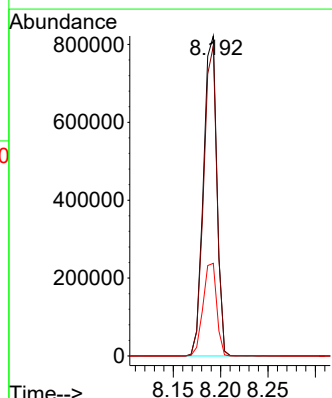
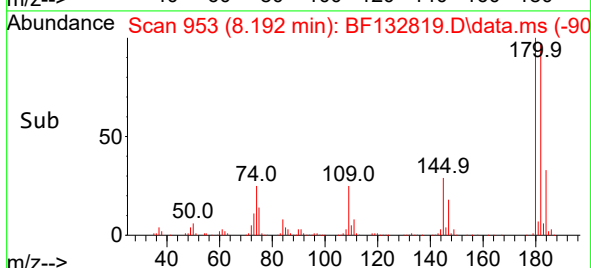
Tgt Ion:162 Resp: 769431
Ion Ratio Lower Upper
162 100
164 65.7 44.7 84.7
98 37.4 16.6 56.6

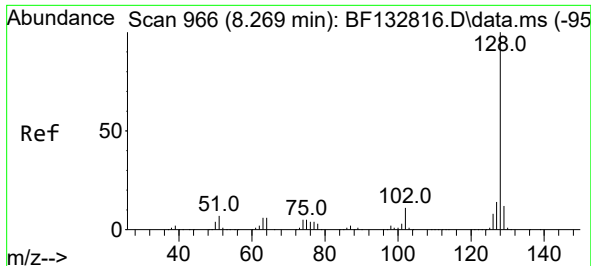


#30
1,2,4-Trichlorobenzene
Concen: 68.049 ng
RT: 8.192 min Scan# 953
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29



Tgt Ion:180 Resp: 810905
Ion Ratio Lower Upper
180 100
182 96.8 75.9 113.9
145 28.9 23.0 34.4

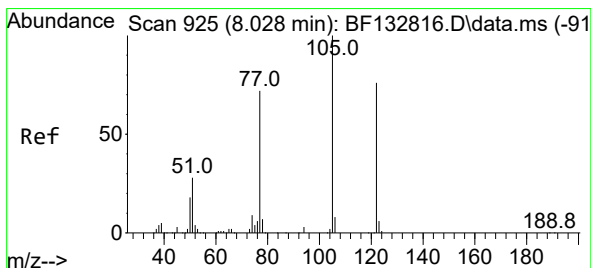
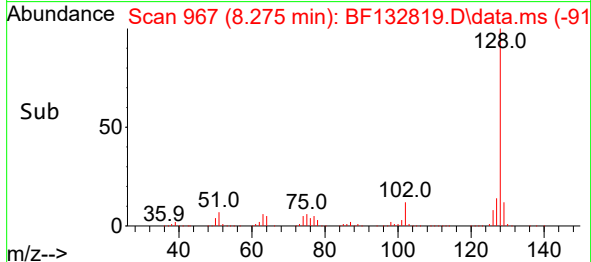
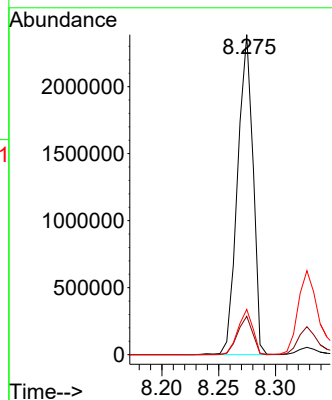
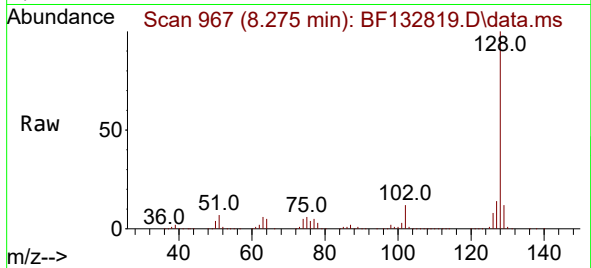




#31
Naphthalene
Concen: 62.509 ng
RT: 8.275 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

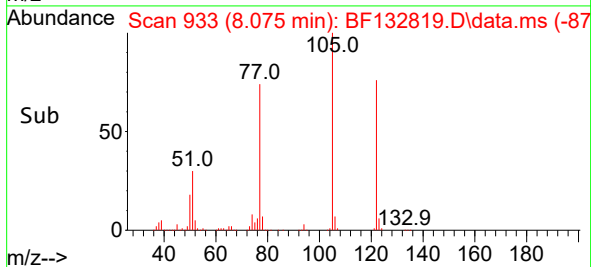
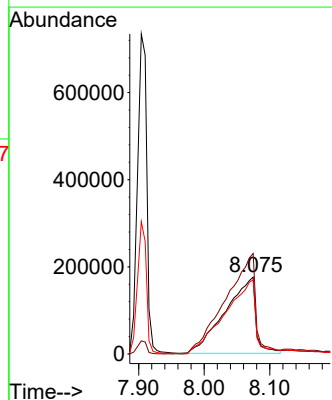
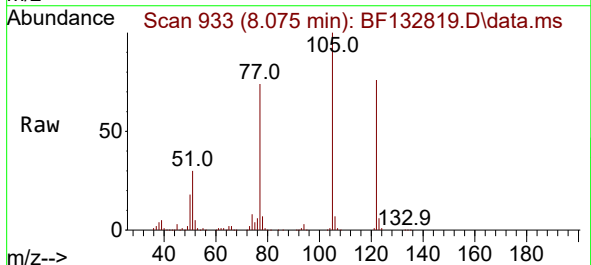
Instrument :
BNA_F
ClientSampleId :

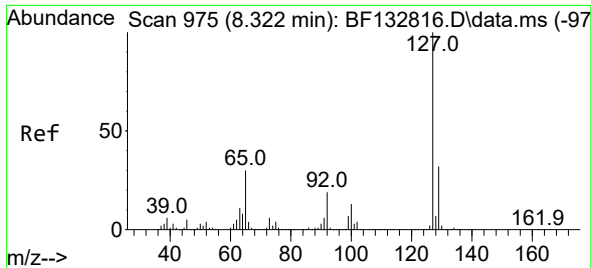
Tgt Ion:128 Resp: 2248982
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.2
127 14.2 11.1 16.7



#32
Benzoic acid
Concen: 71.458 ng
RT: 8.075 min Scan# 933
Delta R.T. 0.047 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion:122 Resp: 570596
Ion Ratio Lower Upper
122 100
105 130.9 110.8 150.8
77 96.6 74.2 114.2

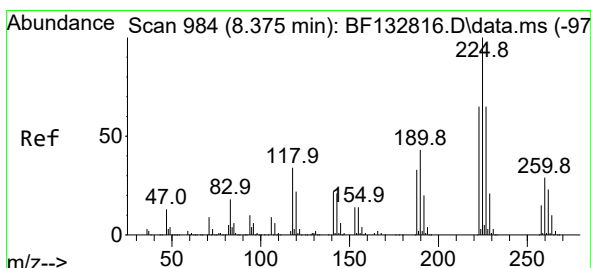
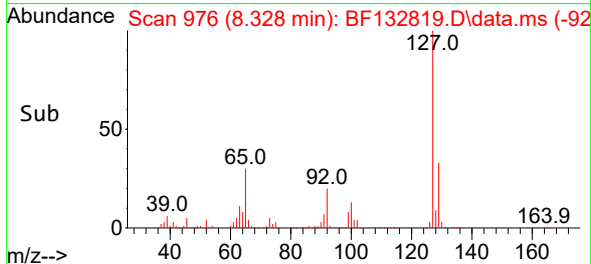
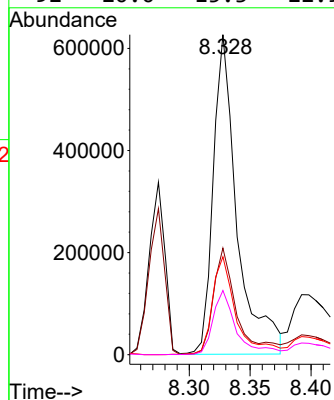
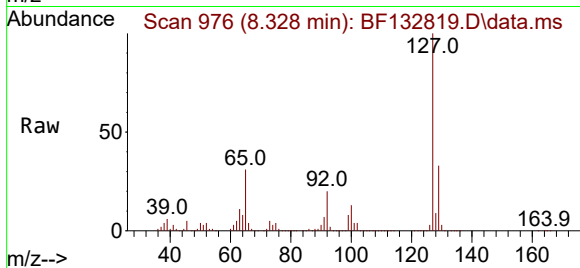




#33
4-Chloroaniline
Concen: 55.465 ng
RT: 8.328 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

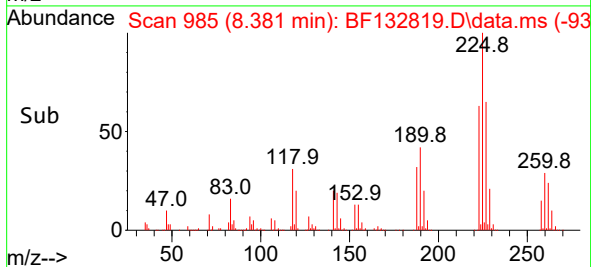
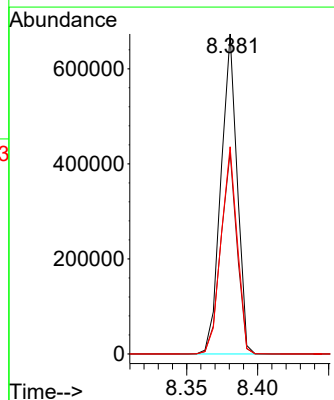
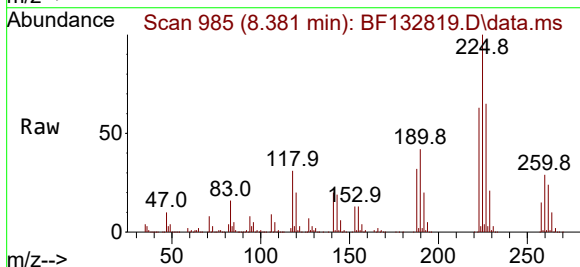
Instrument :
BNA_F
ClientSampleId :

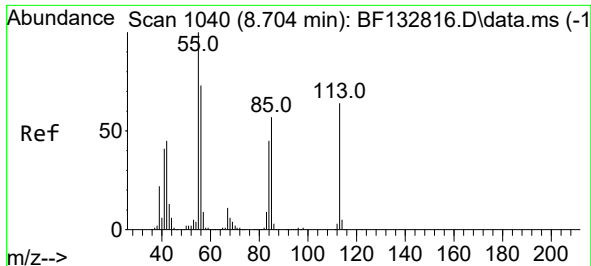
Tgt Ion:127	Resp: 855145
Ion Ratio	Lower Upper
127 100	
129 33.3	25.8 38.6
65 30.6	24.1 36.1
92 20.0	15.3 22.9



#34
Hexachlorobutadiene
Concen: 70.163 ng
RT: 8.381 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

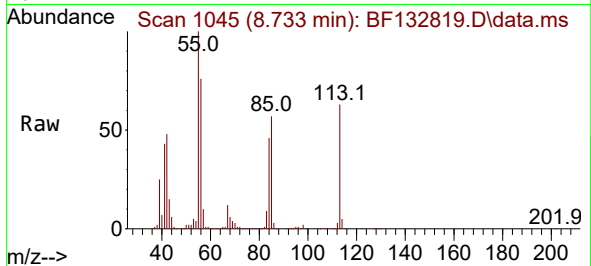
Tgt Ion:225	Resp: 531292
Ion Ratio	Lower Upper
225 100	
223 63.0	51.8 77.6
227 64.7	52.2 78.2



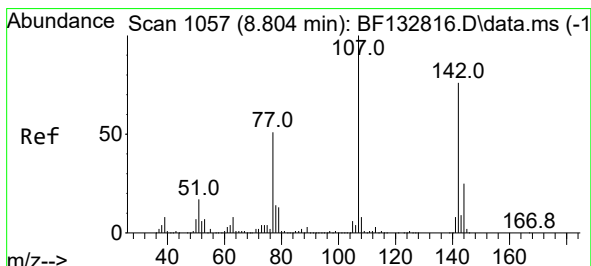
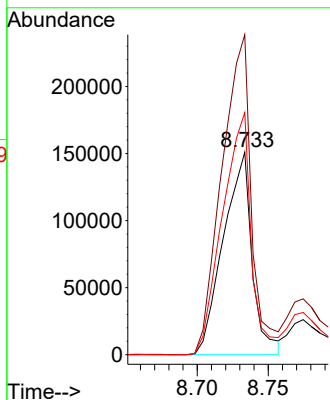
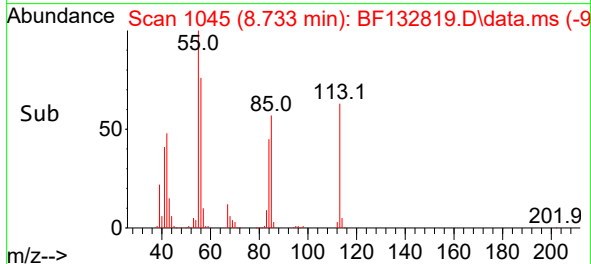


#35
Caprolactam
Concen: 58.704 ng
RT: 8.733 min Scan# 1045
Delta R.T. 0.029 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

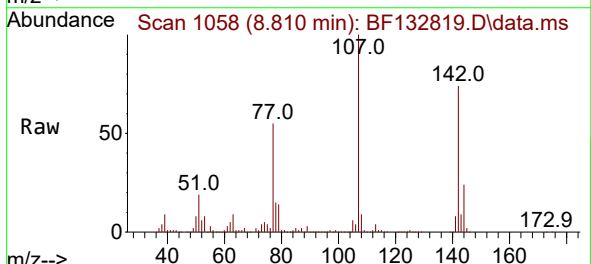
Instrument :
BNA_F
ClientSampleId :



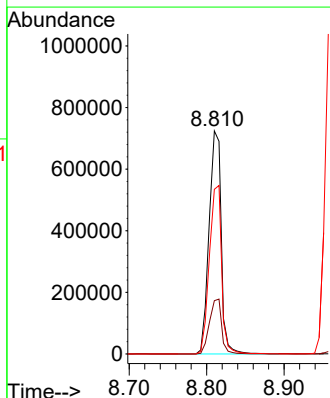
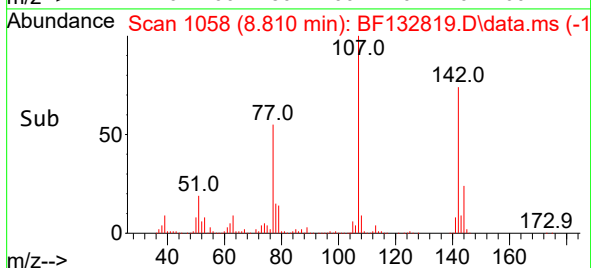
Tgt Ion:113 Resp: 212388
Ion Ratio Lower Upper
113 100
55 158.0 136.3 176.3
56 119.5 94.7 134.7

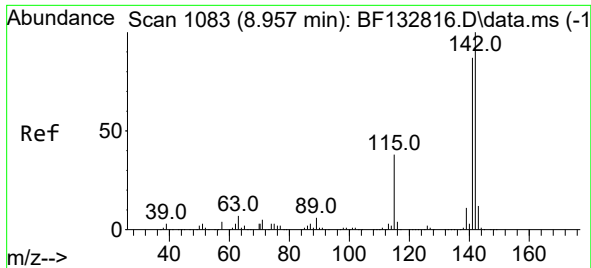


#36
4-Chloro-3-methylphenol
Concen: 65.476 ng
RT: 8.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29



Tgt Ion:107 Resp: 789110
Ion Ratio Lower Upper
107 100
144 23.9 20.0 30.0
142 73.8 61.1 91.7





#37

2-Methylnaphthalene

Concen: 61.222 ng

RT: 8.963 min Scan# 1101

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

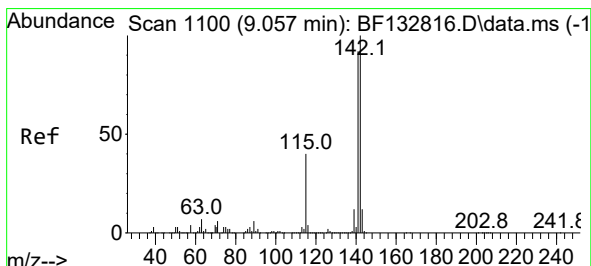
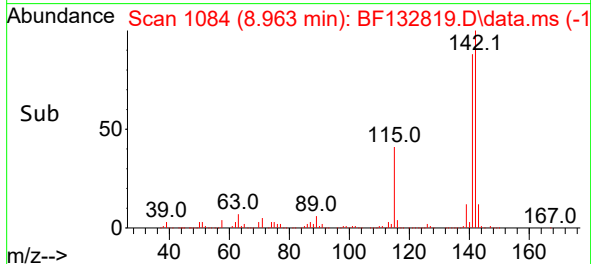
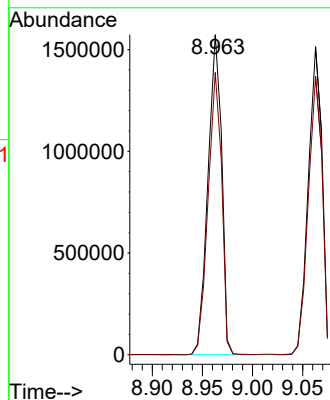
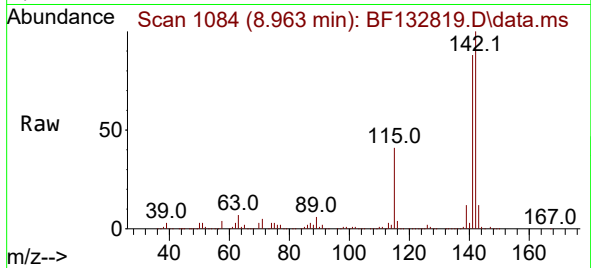
ClientSampleId :

Tgt Ion:142 Resp: 1501098

Ion Ratio Lower Upper

142 100

141 88.2 69.3 103.9



#38

1-Methylnaphthalene

Concen: 63.136 ng

RT: 9.063 min Scan# 1101

Delta R.T. 0.006 min

Lab File: BF132819.D

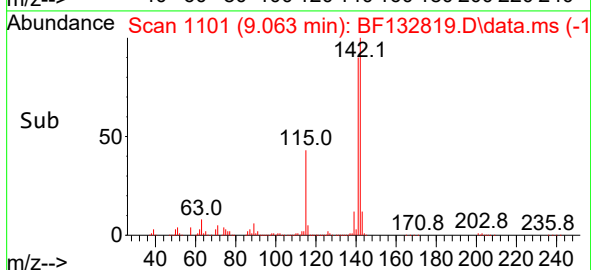
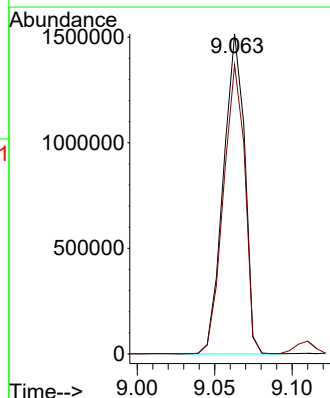
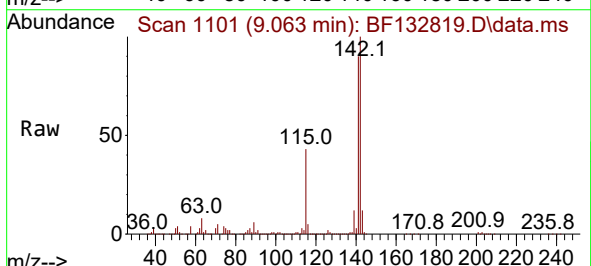
Acq: 16 Mar 2023 18:29

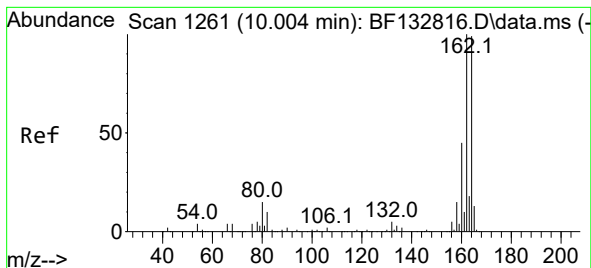
Tgt Ion:142 Resp: 1446694

Ion Ratio Lower Upper

142 100

141 90.3 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: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

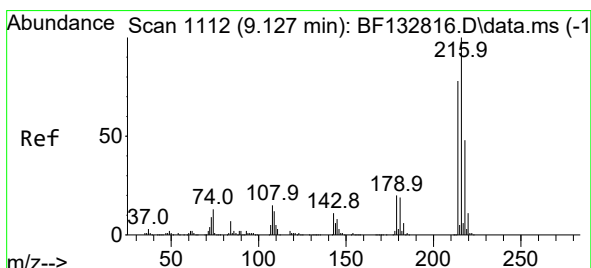
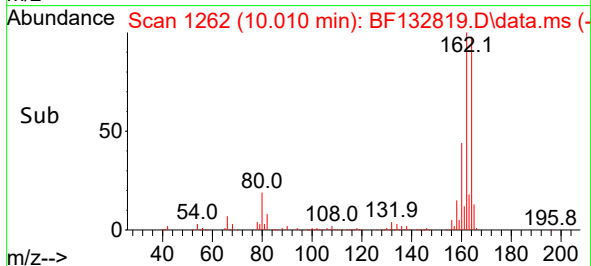
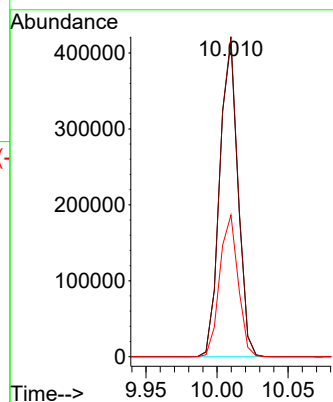
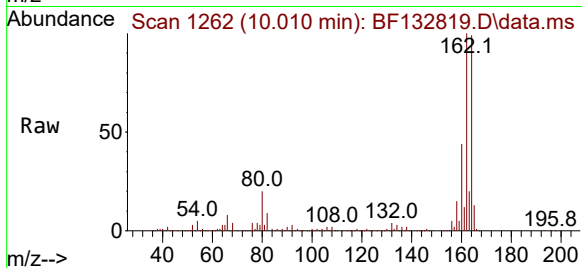
Tgt Ion:164 Resp: 370005

Ion Ratio Lower Upper

164 100

162 101.5 80.6 121.0

160 45.0 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 68.468 ng

RT: 9.128 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Tgt Ion:216 Resp: 828849

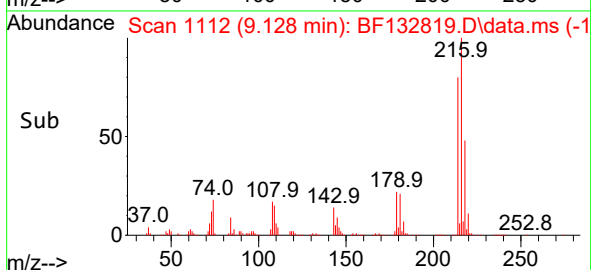
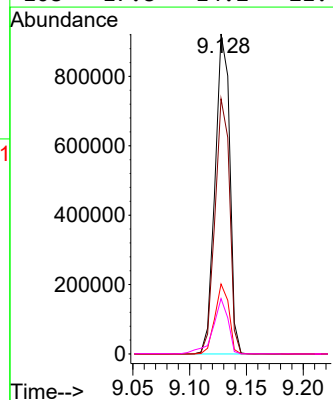
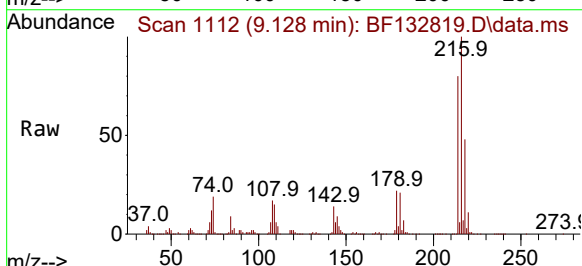
Ion Ratio Lower Upper

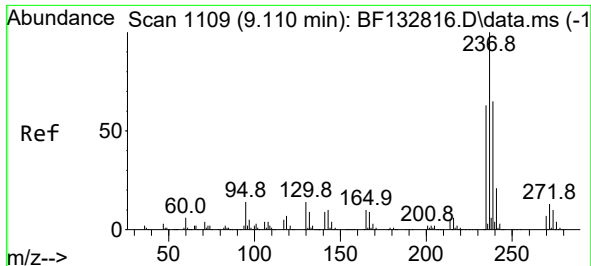
216 100

214 79.2 64.3 96.5

179 20.7 16.2 24.4

108 17.8 14.2 21.4

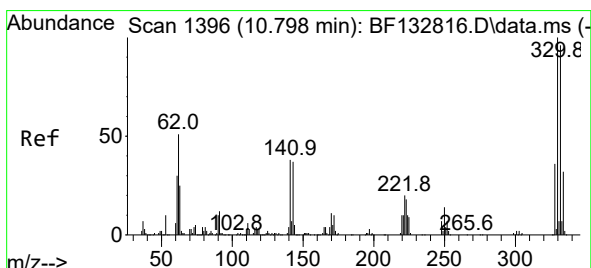
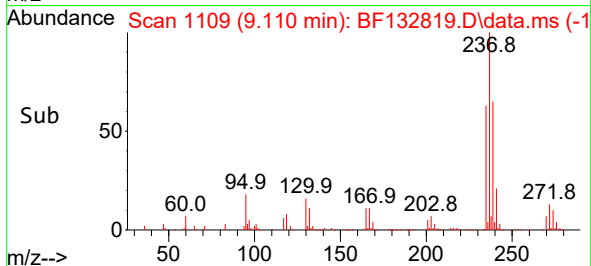
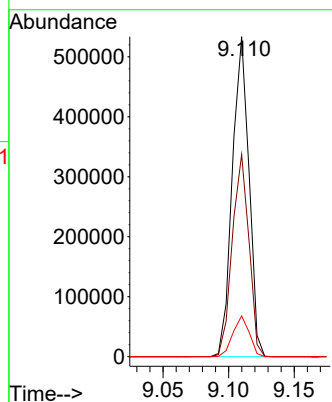
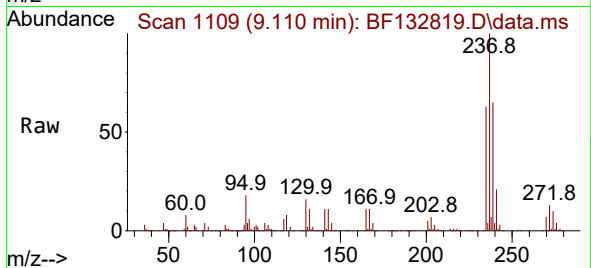




#41
Hexachlorocyclopentadiene
Concen: 71.606 ng
RT: 9.110 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

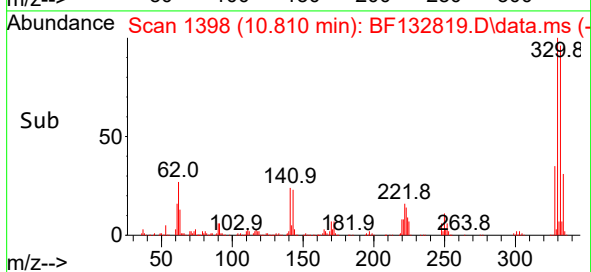
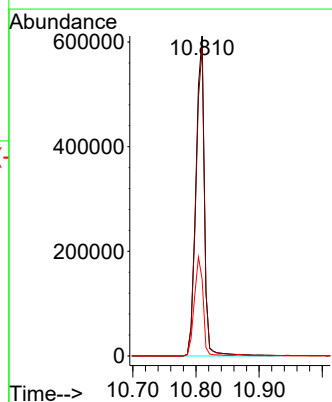
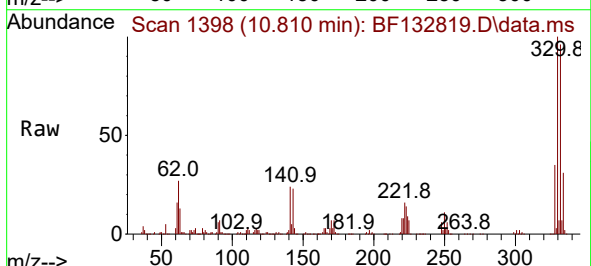
Instrument :
BNA_F
ClientSampleId :

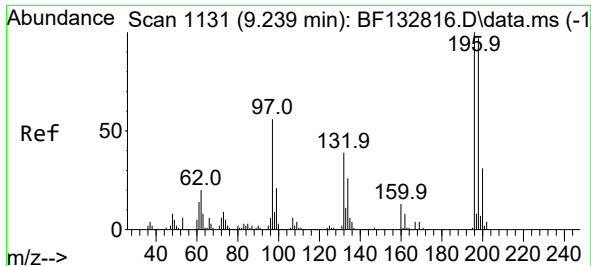
Tgt Ion:237 Resp: 470165
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 12.7 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 143.465 ng
RT: 10.810 min Scan# 1398
Delta R.T. 0.012 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion:330 Resp: 573272
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 31.9 26.7 40.1

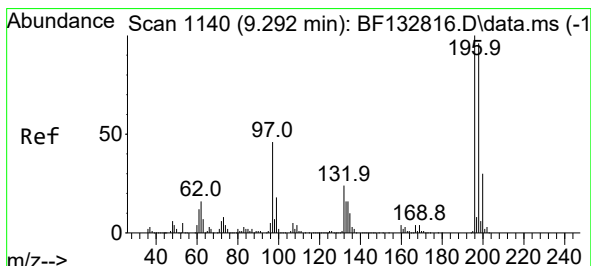
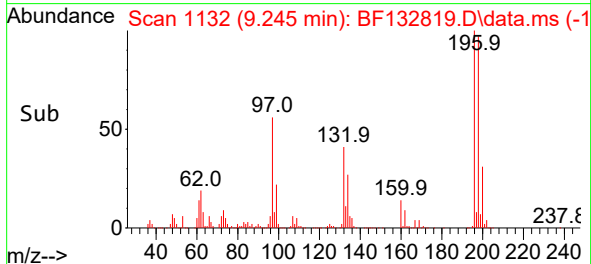
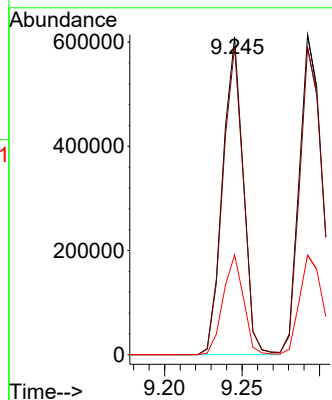
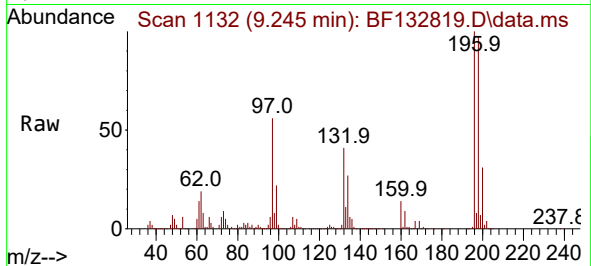




#43
2,4,6-Trichlorophenol
Concen: 68.764 ng
RT: 9.245 min Scan# 1131
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

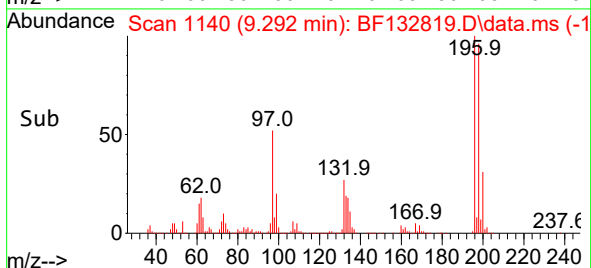
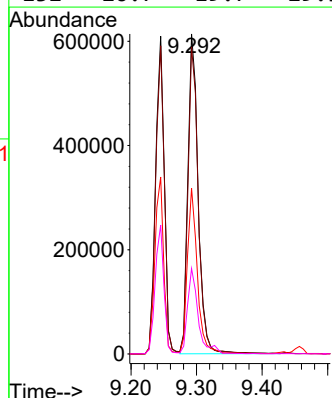
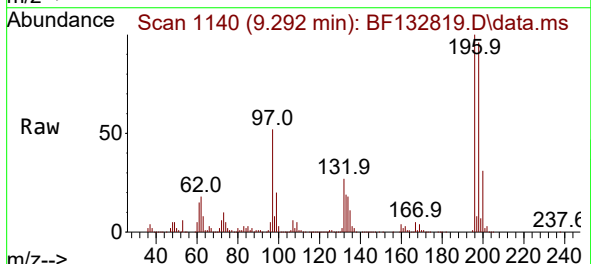
Instrument :
BNA_F
ClientSampleId :

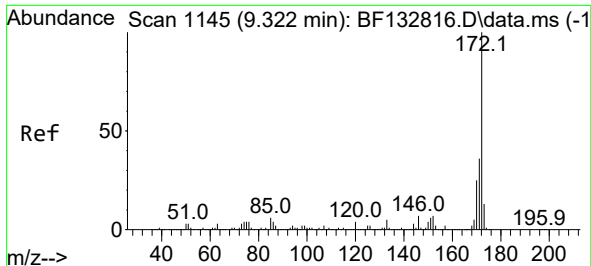
Tgt Ion:196 Resp: 564140
Ion Ratio Lower Upper
196 100
198 97.0 77.3 115.9
200 31.4 25.0 37.6



#44
2,4,5-Trichlorophenol
Concen: 69.771 ng
RT: 9.292 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion:196 Resp: 668065
Ion Ratio Lower Upper
196 100
198 96.0 76.8 115.2
97 51.8 36.9 55.3
132 26.7 19.7 29.5

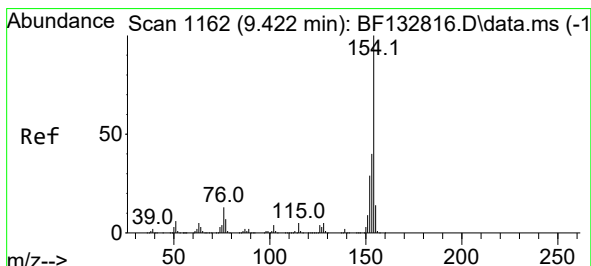
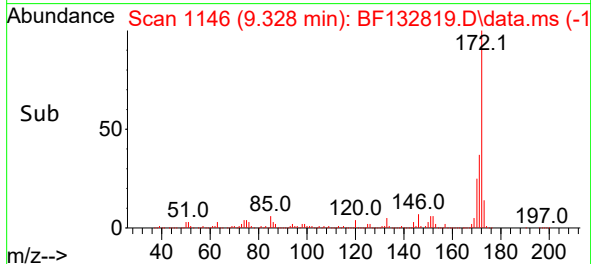
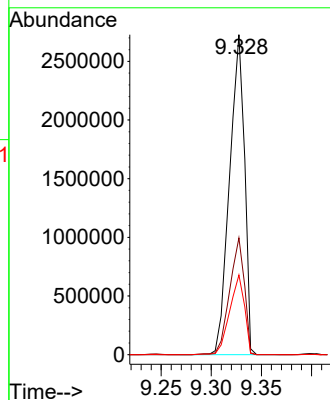
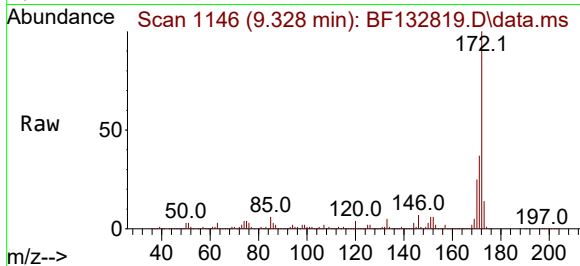




#45
2-Fluorobiphenyl
Concen: 116.199 ng
RT: 9.328 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

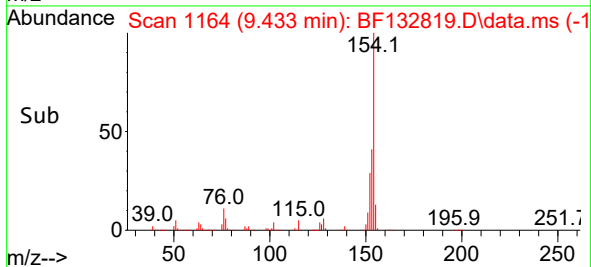
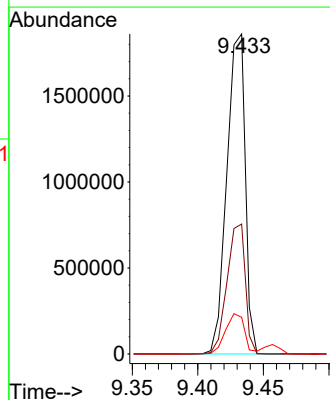
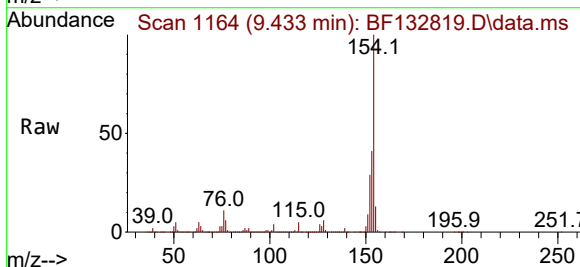
Instrument :
BNA_F
ClientSampleId :

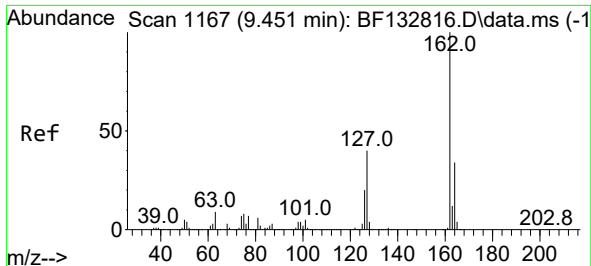
Tgt Ion:172 Resp: 2823625
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 24.9 19.8 29.8



#46
1,1'-Biphenyl
Concen: 64.859 ng
RT: 9.433 min Scan# 1164
Delta R.T. 0.012 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion:154 Resp: 1816375
Ion Ratio Lower Upper
154 100
153 40.6 19.6 59.6
76 11.5 0.0 33.5

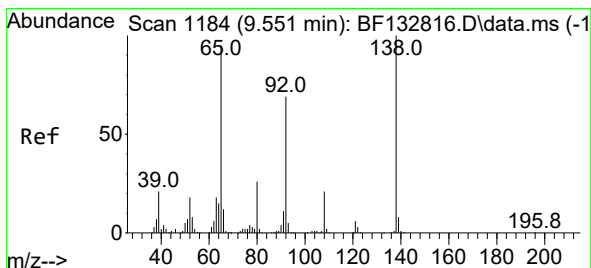
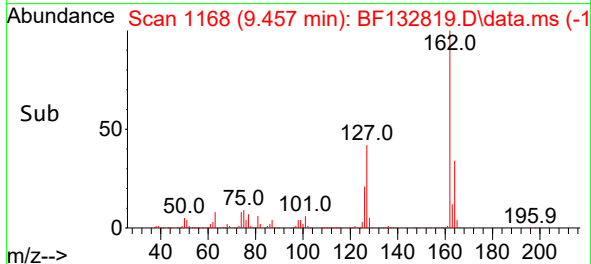
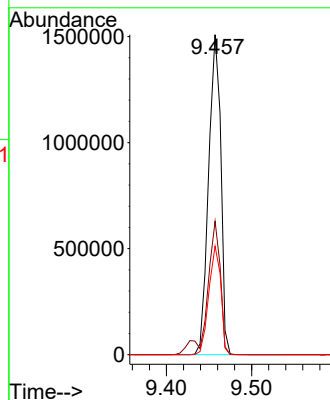
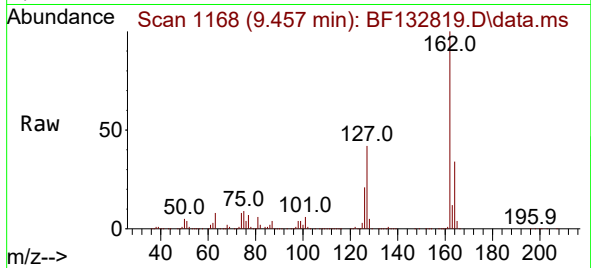




#47
2-Chloronaphthalene
Concen: 67.510 ng
RT: 9.457 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

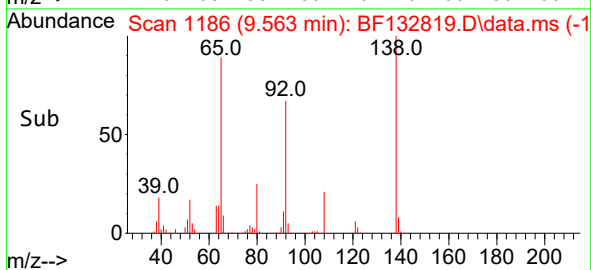
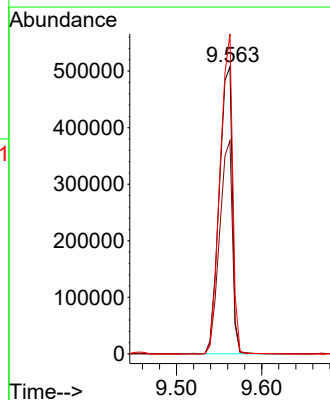
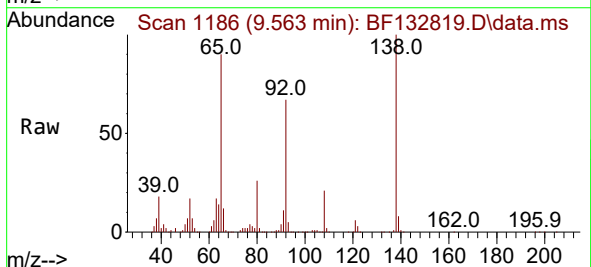
Instrument :
BNA_F
ClientSampleId :

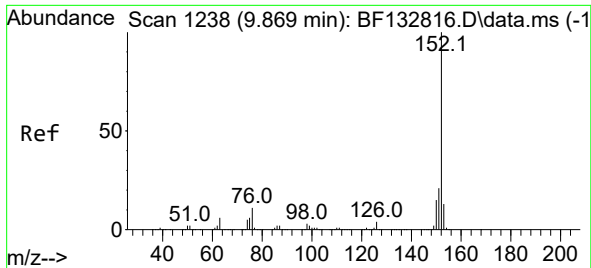
Tgt Ion:162 Resp: 1498973
Ion Ratio Lower Upper
162 100
127 41.7 32.3 48.5
164 33.9 27.2 40.8



#48
2-Nitroaniline
Concen: 66.227 ng
RT: 9.563 min Scan# 1186
Delta R.T. 0.012 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion: 65 Resp: 541584
Ion Ratio Lower Upper
65 100
92 74.2 58.6 88.0
138 111.4 84.4 126.6





#49

Acenaphthylene

Concen: 60.099 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

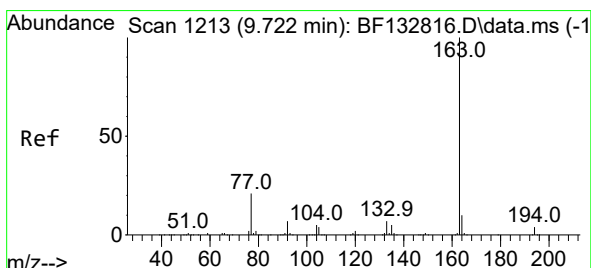
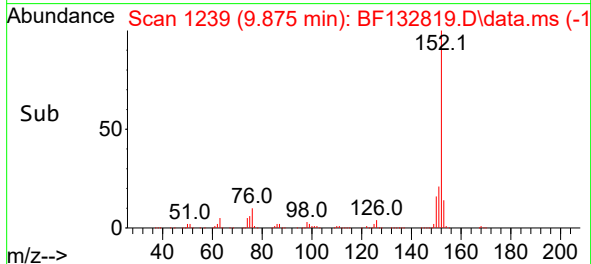
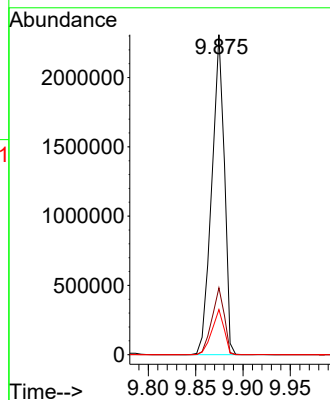
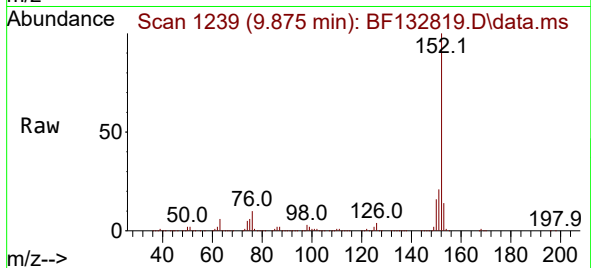
Tgt Ion:152 Resp: 2123754

Ion Ratio Lower Upper

152 100

151 20.9 16.6 25.0

153 14.1 10.8 16.2



#50

Dimethylphthalate

Concen: 71.988 ng

RT: 9.733 min Scan# 1215

Delta R.T. 0.012 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

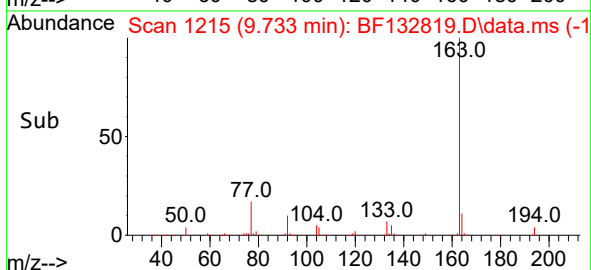
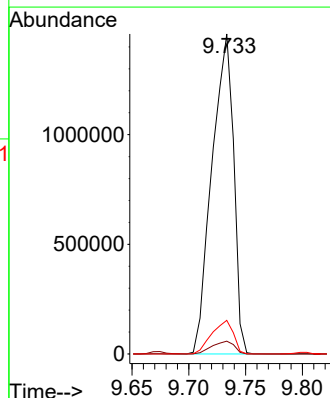
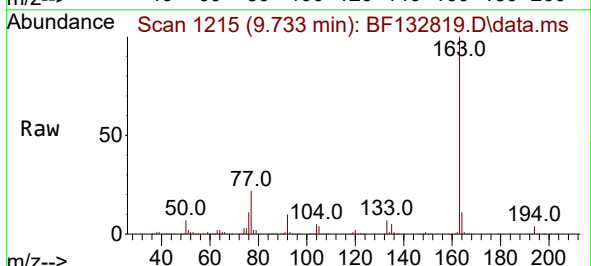
Tgt Ion:163 Resp: 1939434

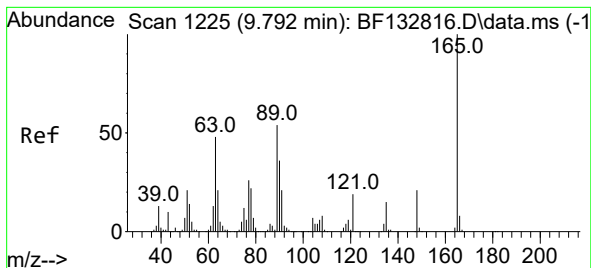
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.5 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 67.571 ng

RT: 9.804 min Scan# 1227

Delta R.T. 0.012 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

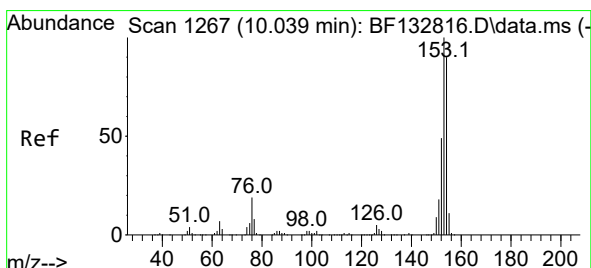
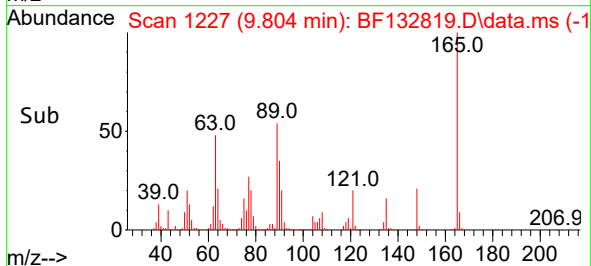
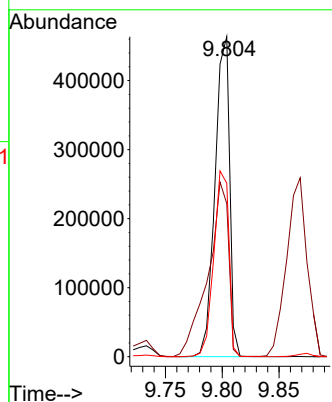
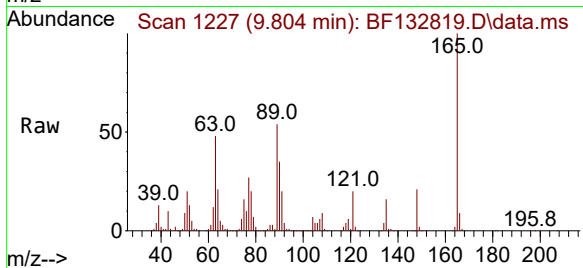
Tgt Ion:165 Resp: 414583

Ion Ratio Lower Upper

165 100

63 47.8 39.1 58.7

89 54.2 43.5 65.3



#52

Acenaphthene

Concen: 57.366 ng

RT: 10.045 min Scan# 1268

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

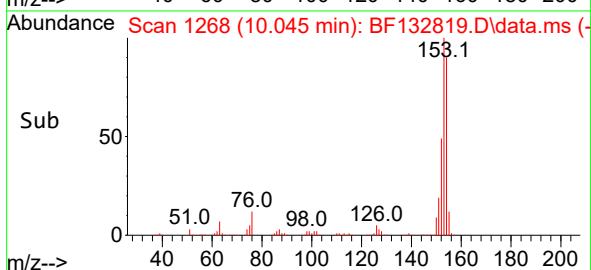
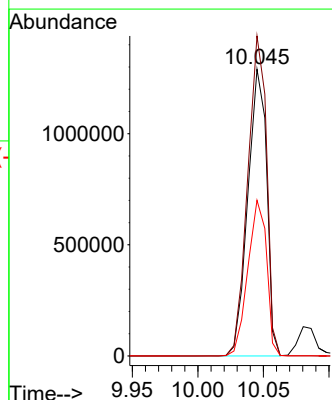
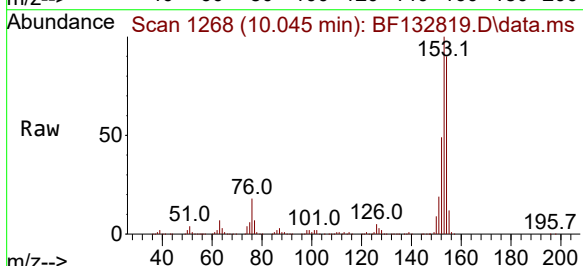
Tgt Ion:154 Resp: 1287227

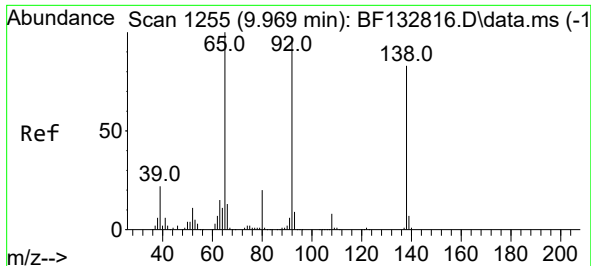
Ion Ratio Lower Upper

154 100

153 111.6 89.4 134.0

152 54.3 43.4 65.2

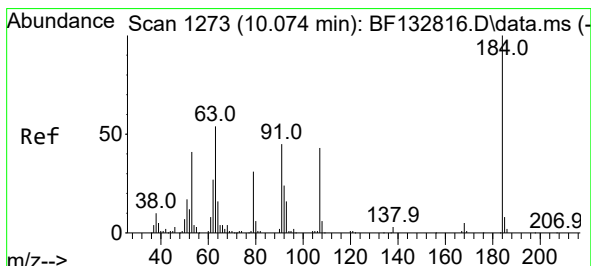
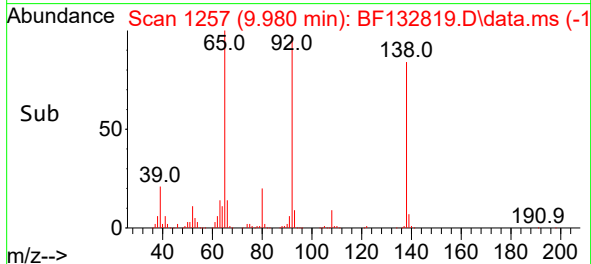
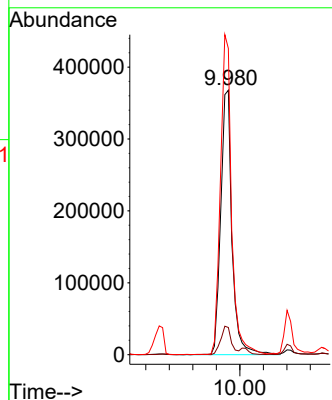
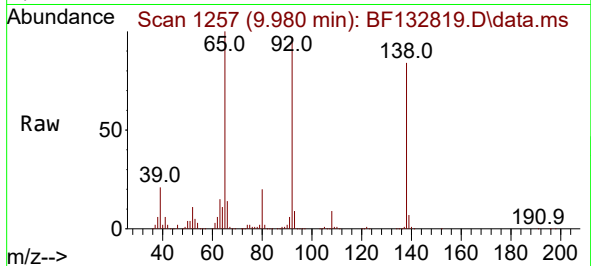




#53
3-Nitroaniline
Concen: 71.452 ng
RT: 9.980 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

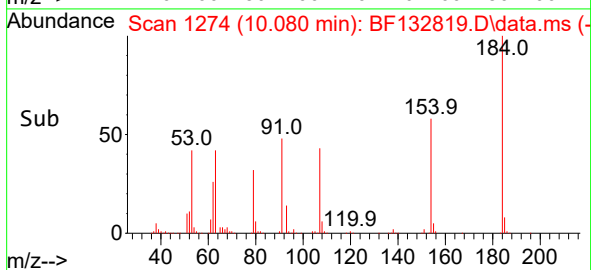
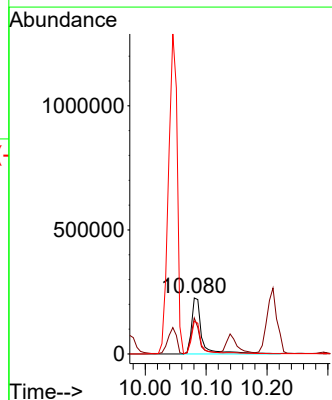
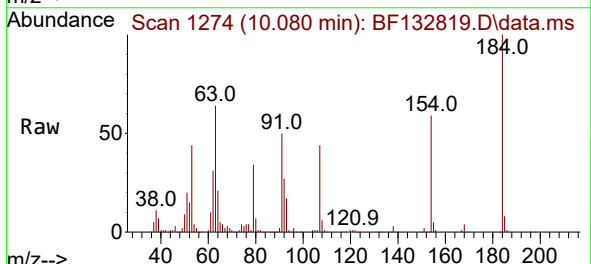
Instrument :
BNA_F
ClientSampleId :

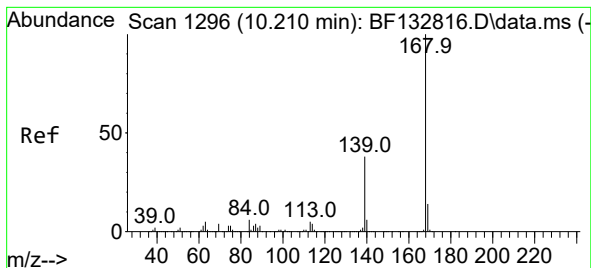
Tgt Ion:138 Resp: 490402
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.2
92 115.8 93.3 139.9



#54
2,4-Dinitrophenol
Concen: 73.804 ng
RT: 10.080 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion:184 Resp: 265615
Ion Ratio Lower Upper
184 100
63 64.3 47.2 70.8
154 58.5 46.5 69.7





#55

Dibenzenofuran

Concen: 57.376 ng

RT: 10.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

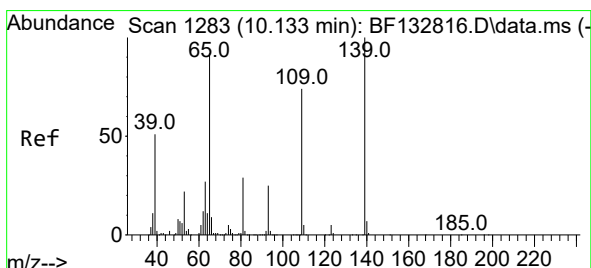
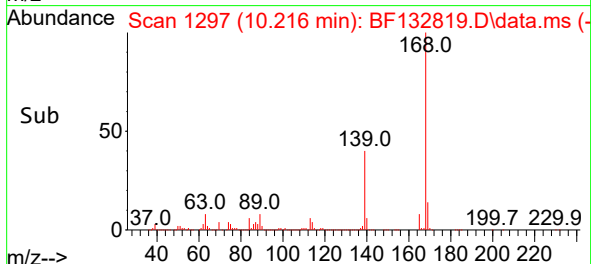
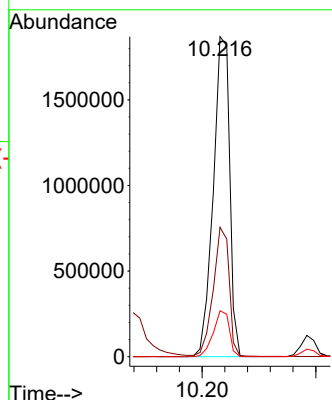
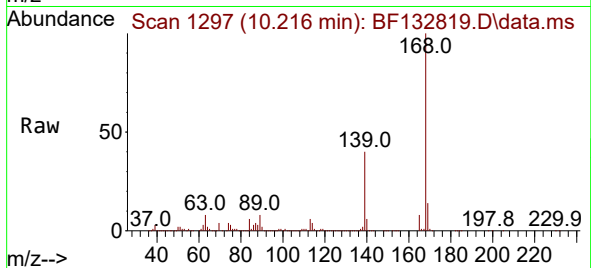
Tgt Ion:168 Resp: 1876923

Ion Ratio Lower Upper

168 100

139 40.4 31.0 46.6

169 14.3 11.3 16.9



#56

4-Nitrophenol

Concen: 63.277 ng

RT: 10.139 min Scan# 1284

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

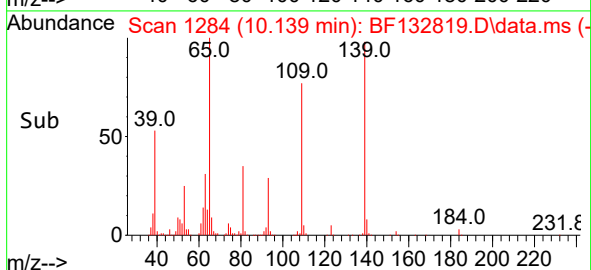
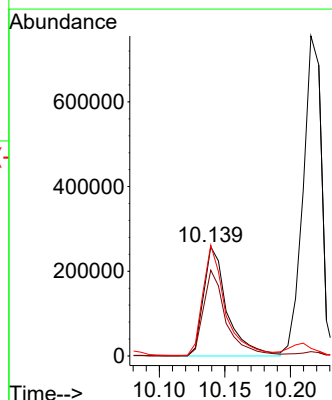
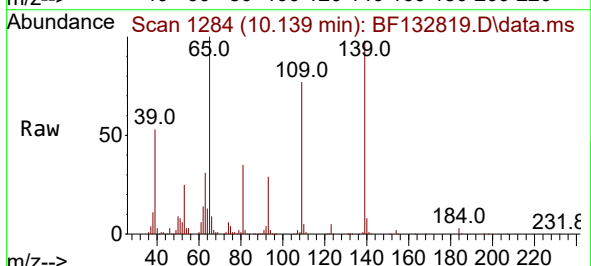
Tgt Ion:139 Resp: 323882

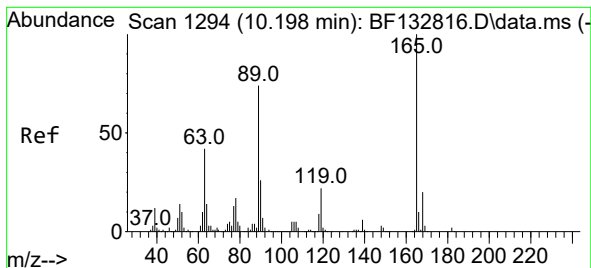
Ion Ratio Lower Upper

139 100

109 78.5 53.8 93.8

65 101.6 73.0 113.0





#57

2,4-Dinitrotoluene

Concen: 60.038 ng

RT: 10.210 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165 Resp: 490067

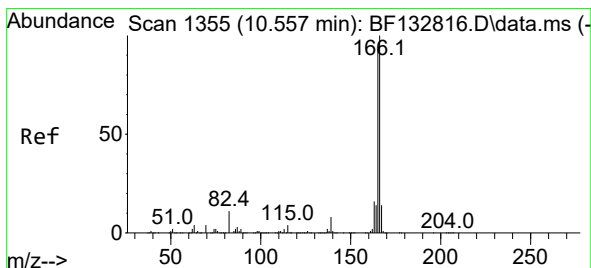
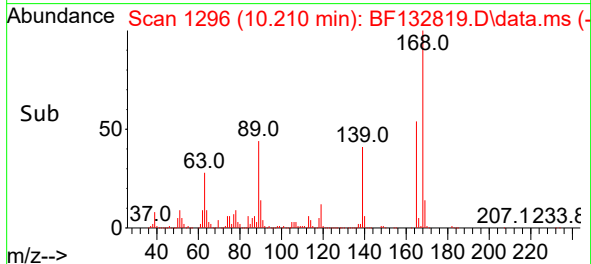
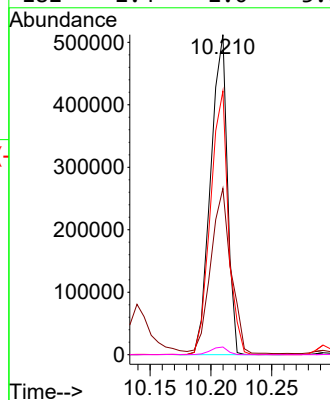
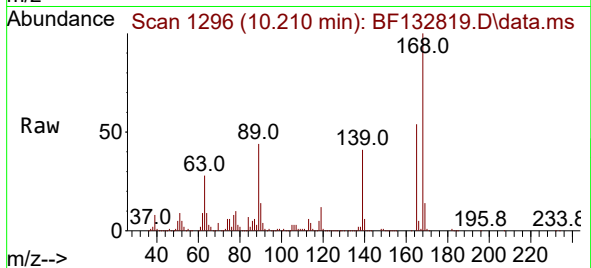
Ion Ratio Lower Upper

165 100

63 51.9 34.4 51.6#

89 82.4 59.5 89.3

182 2.4 2.0 3.0



#58

Fluorene

Concen: 60.524 ng

RT: 10.563 min Scan# 1356

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

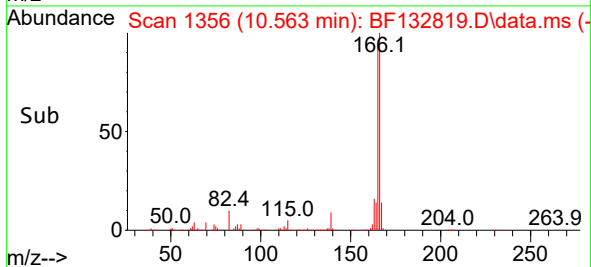
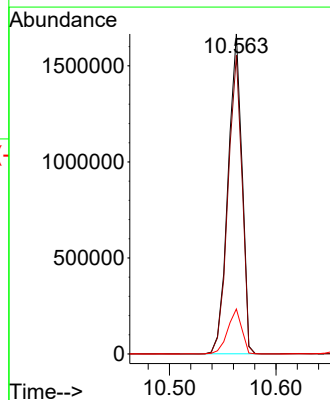
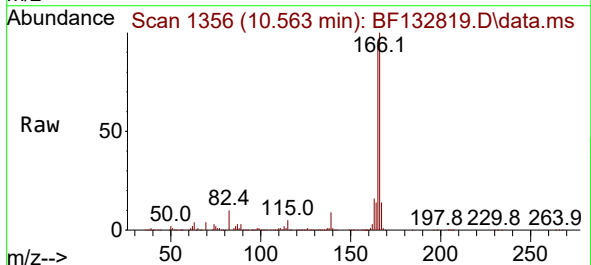
Tgt Ion:166 Resp: 1514438

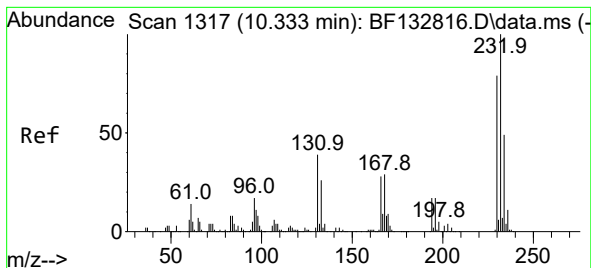
Ion Ratio Lower Upper

166 100

165 93.3 74.3 111.5

167 14.0 11.0 16.4

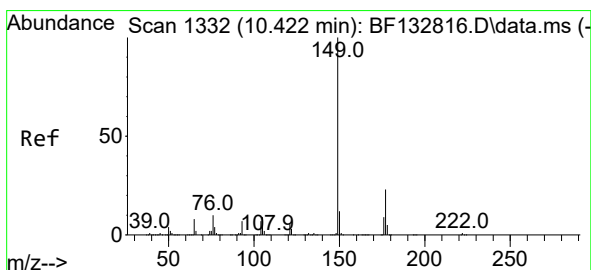
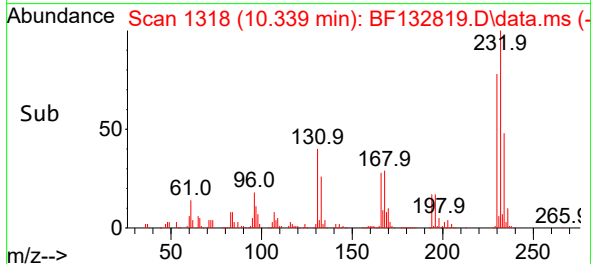
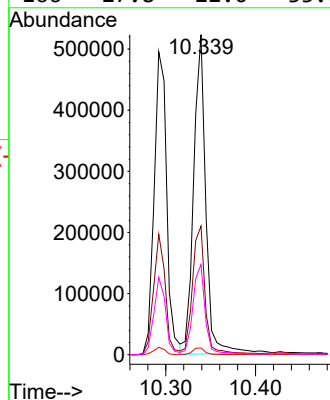
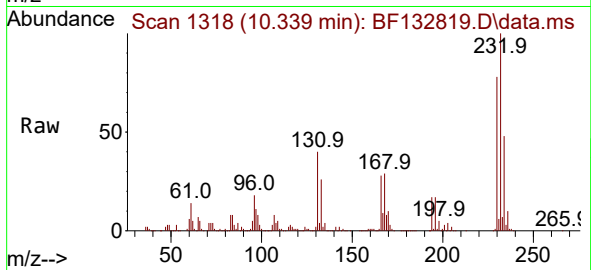




#59
2,3,4,6-Tetrachlorophenol
Concen: 69.294 ng
RT: 10.339 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

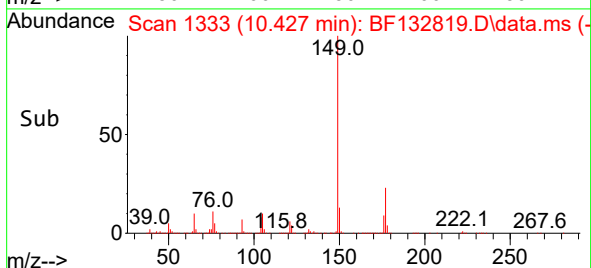
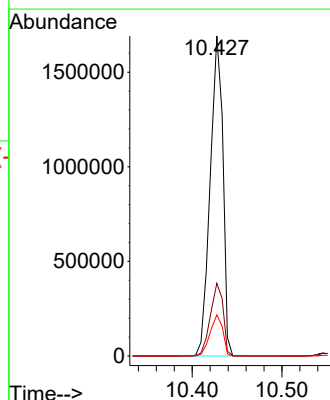
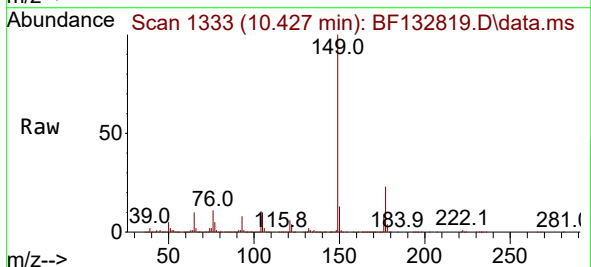
Instrument :
BNA_F
ClientSampleId :

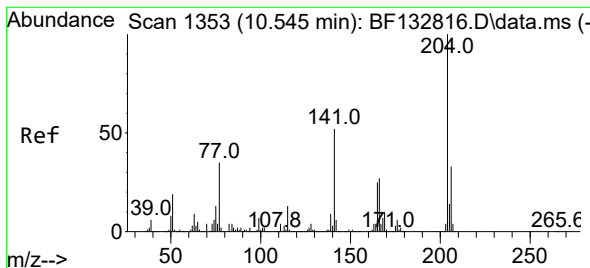
Tgt Ion:232 Resp: 492873
Ion Ratio Lower Upper
232 100
131 41.0 32.6 48.8
130 2.3 1.7 2.5
166 27.8 22.0 33.0



#60
Diethylphthalate
Concen: 63.191 ng
RT: 10.427 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion:149 Resp: 1662688
Ion Ratio Lower Upper
149 100
177 22.7 18.6 28.0
150 12.9 10.0 15.0

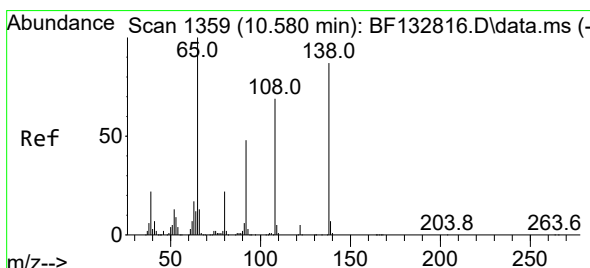
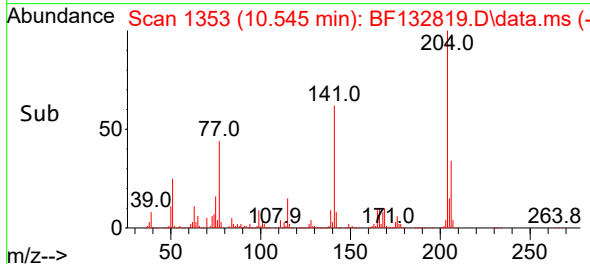
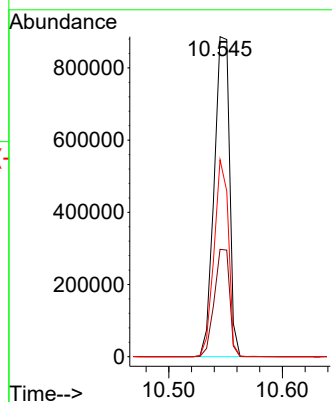
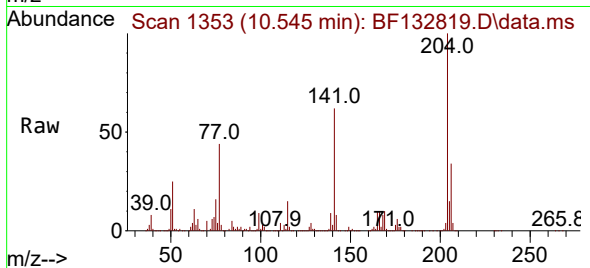




#61
4-Chlorophenyl-phenylether
Concen: 64.186 ng
RT: 10.545 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

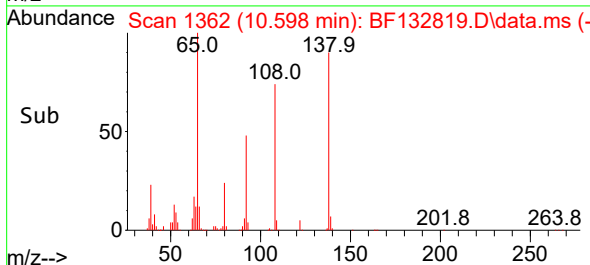
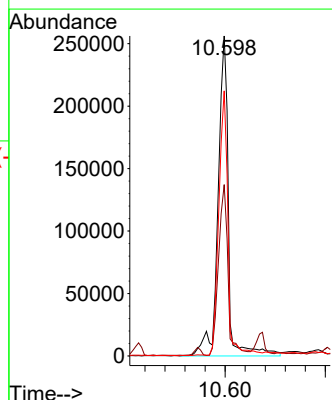
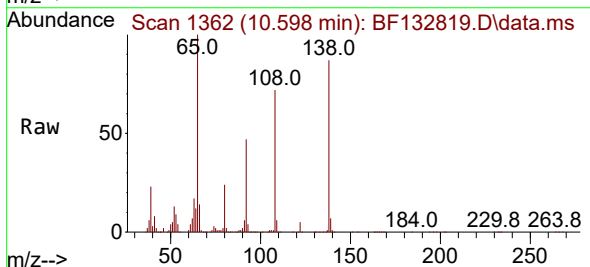
Instrument :
BNA_F
ClientSampleId :

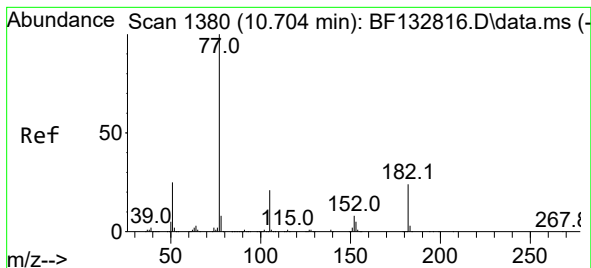
Tgt Ion:204 Resp: 833166
Ion Ratio Lower Upper
204 100
206 33.5 26.6 40.0
141 61.5 41.9 62.9



#62
4-Nitroaniline
Concen: 54.237 ng
RT: 10.598 min Scan# 1362
Delta R.T. 0.018 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion:138 Resp: 365402
Ion Ratio Lower Upper
138 100
92 53.5 34.9 74.9
108 82.8 58.8 98.8





#63

Azobenzene

Concen: 59.495 ng

RT: 10.710 min Scan# 1

Delta R.T. 0.006 min

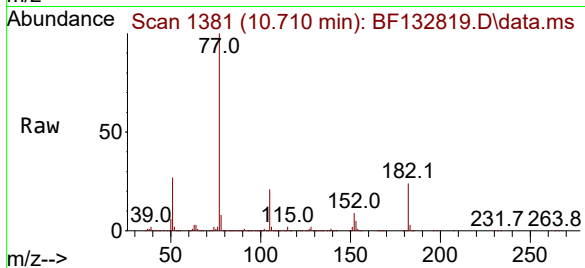
Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 1657898

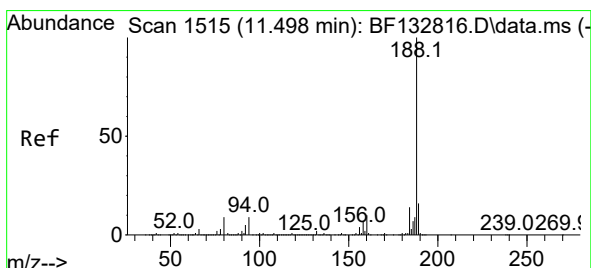
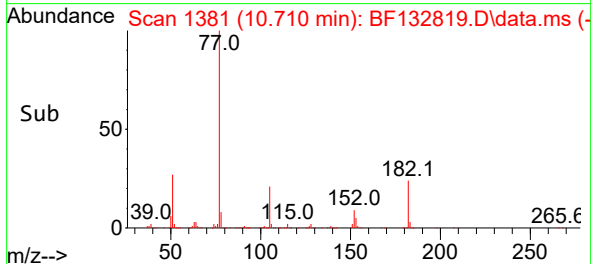
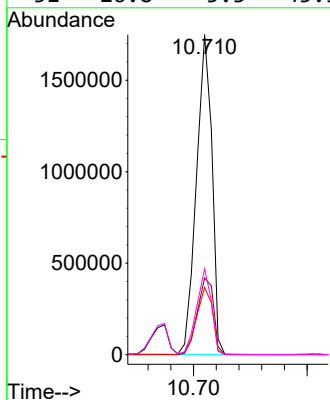
Ion Ratio Lower Upper

77 100

182 24.0 3.8 43.8

105 21.0 1.2 41.2

51 26.8 5.3 45.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

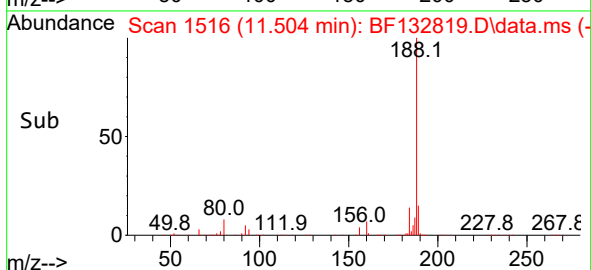
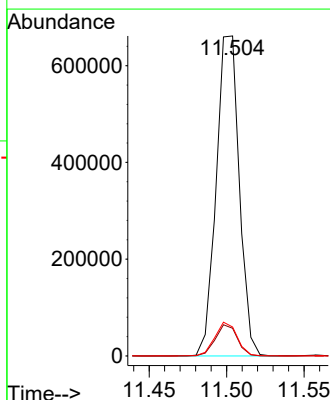
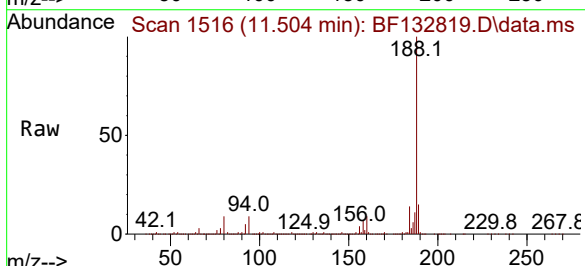
Tgt Ion: 188 Resp: 685984

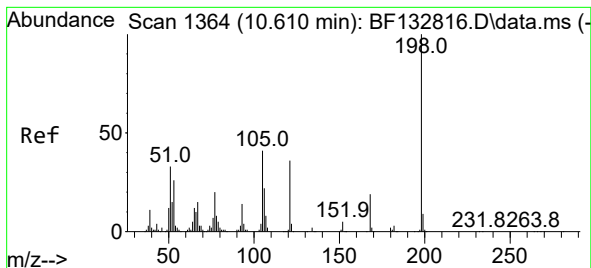
Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

80 9.0 7.5 11.3

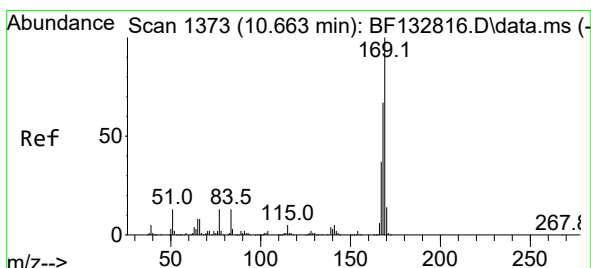
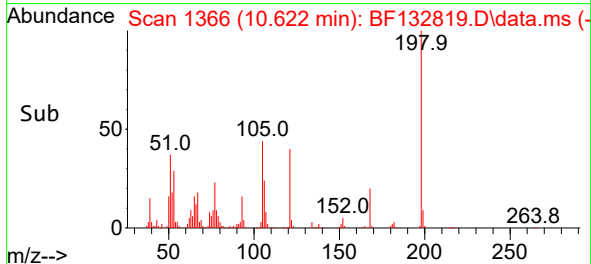
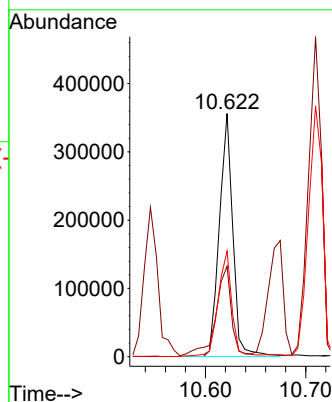
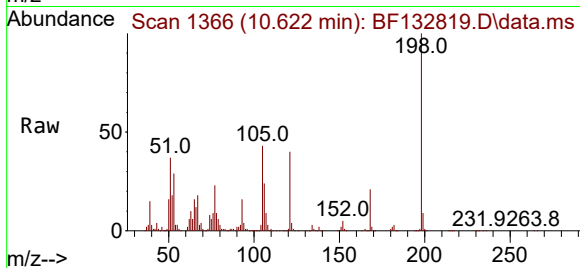




#65
4,6-Dinitro-2-methylphenol
Concen: 71.451 ng
RT: 10.622 min Scan# 1366
Delta R.T. 0.012 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

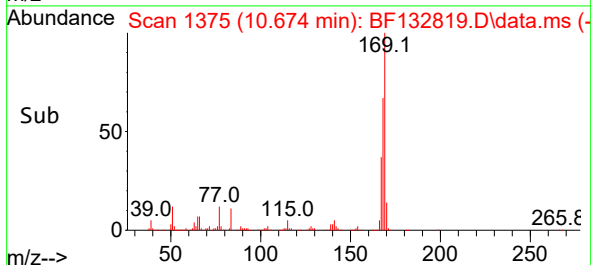
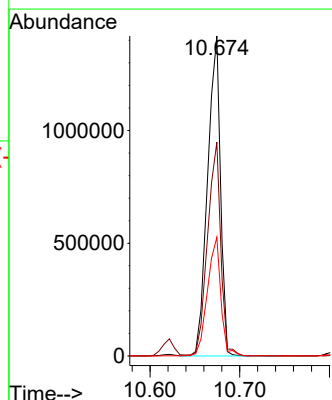
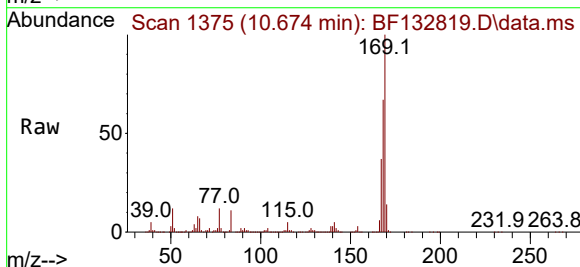
Instrument :
BNA_F
ClientSampleId :

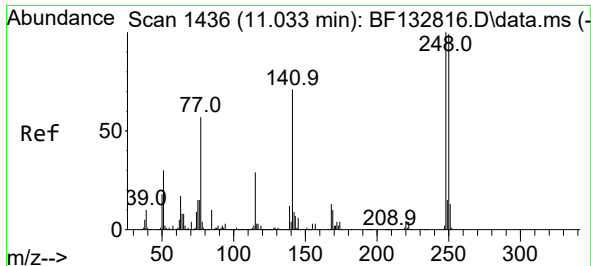
Tgt Ion:198 Resp: 331804
Ion Ratio Lower Upper
198 100
51 37.2 15.6 55.6
105 43.4 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 66.007 ng
RT: 10.674 min Scan# 1375
Delta R.T. 0.012 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion:169 Resp: 1411626
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.2
167 37.1 29.6 44.4

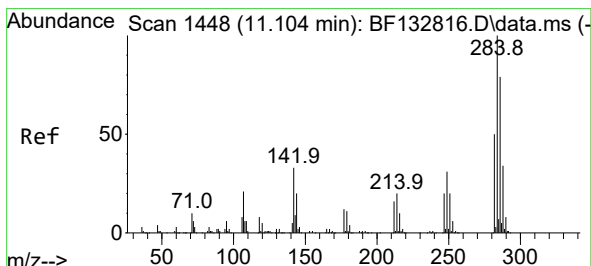
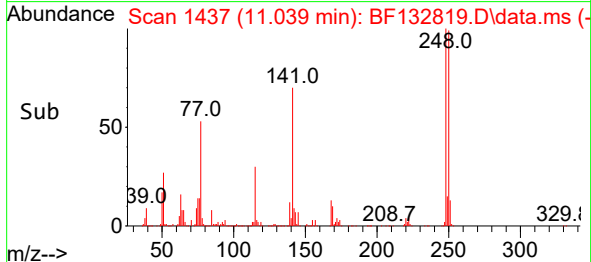
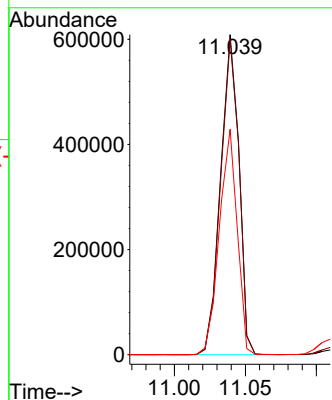
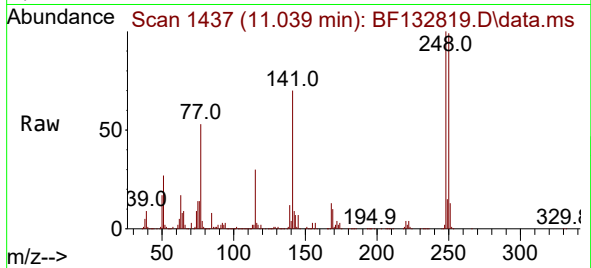




#67
4-Bromophenyl-phenylether
Concen: 70.500 ng
RT: 11.039 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

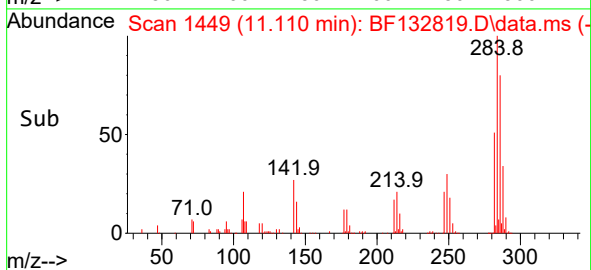
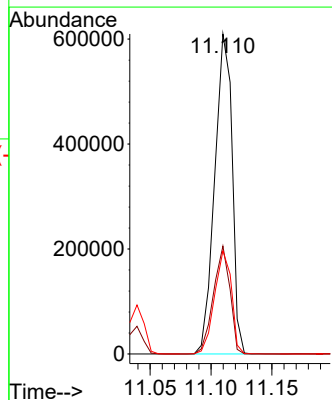
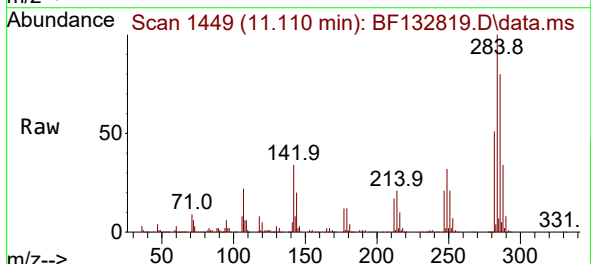
Instrument :
BNA_F
ClientSampleId :

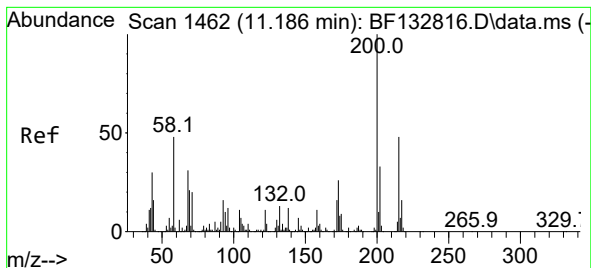
Tgt Ion:248 Resp: 547052
Ion Ratio Lower Upper
248 100
250 98.5 79.1 118.7
141 70.4 57.1 85.7



#68
Hexachlorobenzene
Concen: 74.091 ng
RT: 11.110 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion:284 Resp: 604946
Ion Ratio Lower Upper
284 100
142 33.7 26.2 39.2
249 32.2 24.9 37.3





#69

Atrazine

Concen: 65.576 ng

RT: 11.198 min Scan# 1464

Delta R.T. 0.012 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

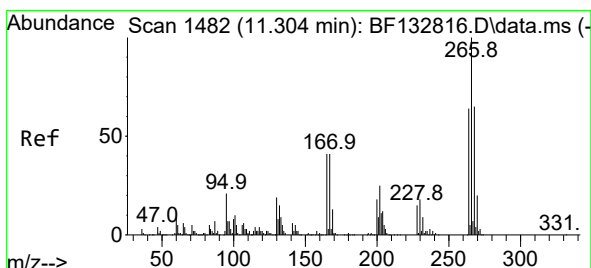
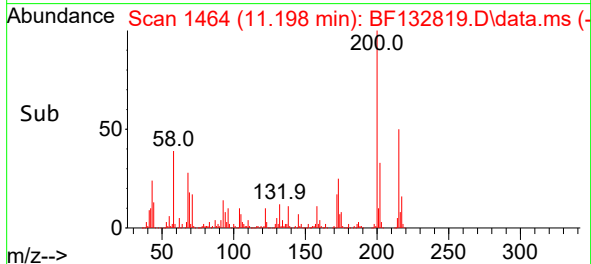
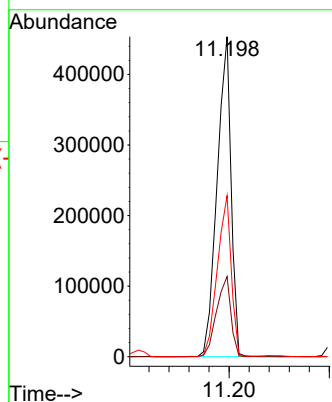
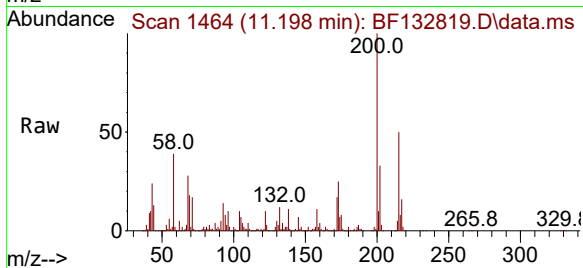
Tgt Ion:200 Resp: 437815

Ion Ratio Lower Upper

200 100

173 25.1 6.5 46.5

215 50.3 28.0 68.0



#70

Pentachlorophenol

Concen: 68.817 ng

RT: 11.310 min Scan# 1483

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

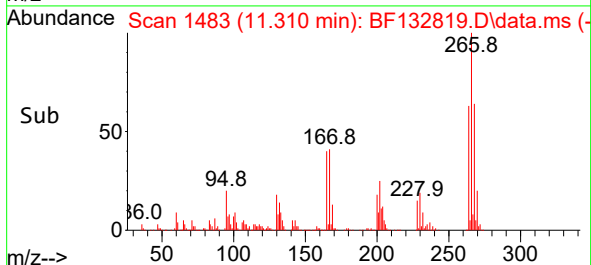
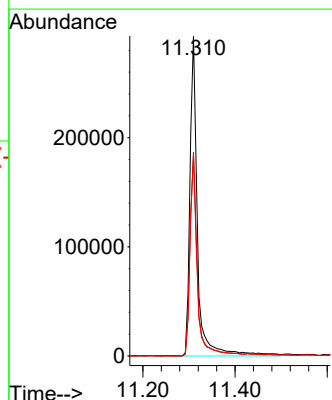
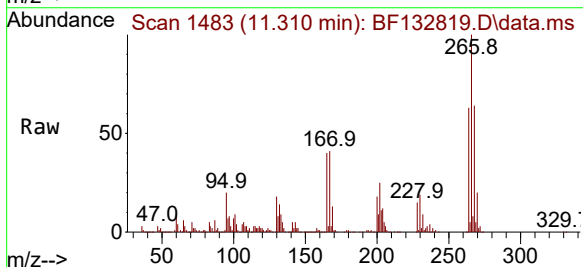
Tgt Ion:266 Resp: 334299

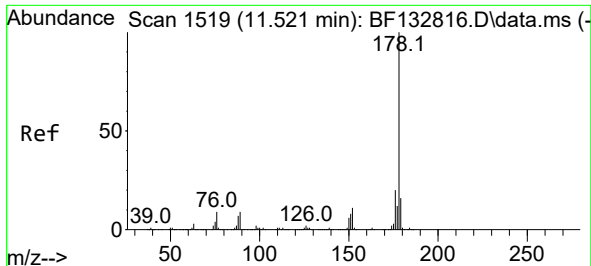
Ion Ratio Lower Upper

266 100

268 63.6 51.6 77.4

264 63.1 51.0 76.4

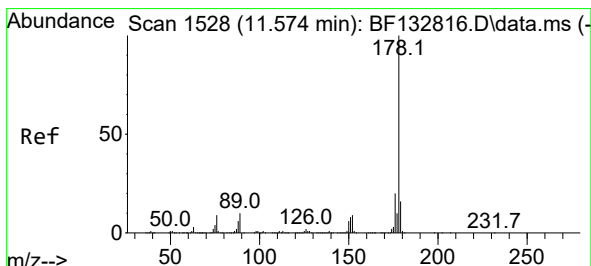
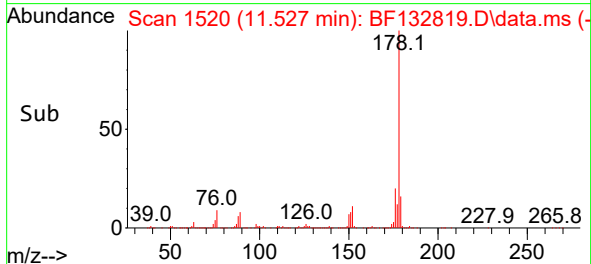
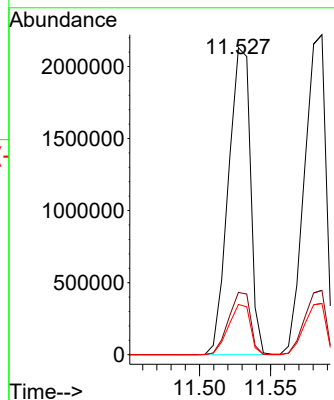
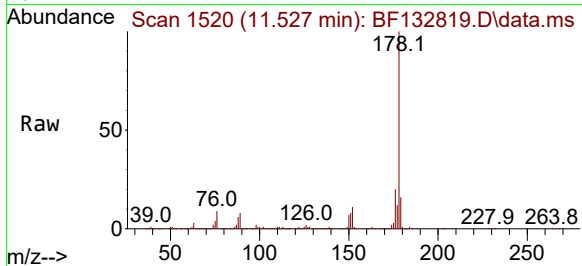




#71
Phenanthrene
Concen: 64.688 ng
RT: 11.527 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

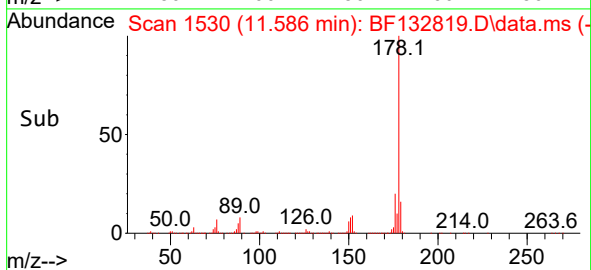
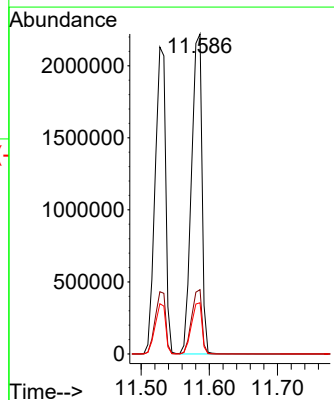
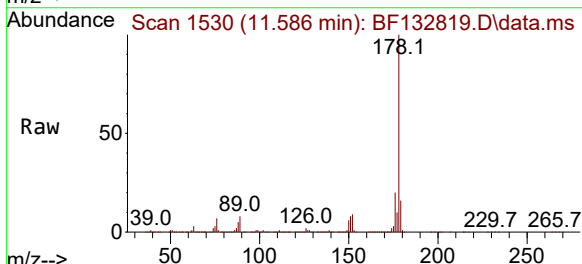
Instrument :
BNA_F
ClientSampleId :

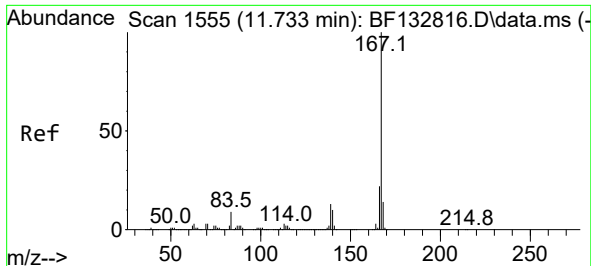
Tgt Ion:178 Resp: 2298850
Ion Ratio Lower Upper
178 100
176 20.3 16.3 24.5
179 16.4 13.1 19.7



#72
Anthracene
Concen: 63.841 ng
RT: 11.586 min Scan# 1530
Delta R.T. 0.012 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion:178 Resp: 2336298
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 16.0 12.8 19.2

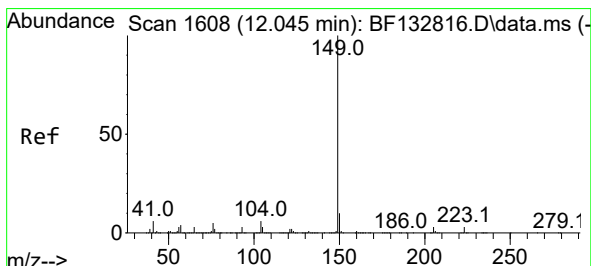
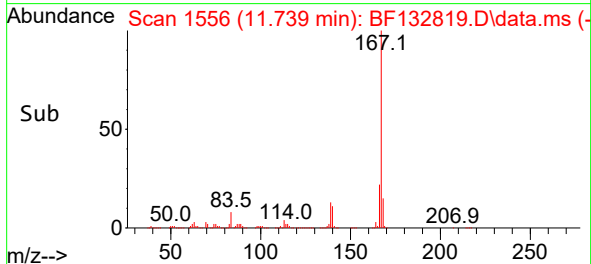
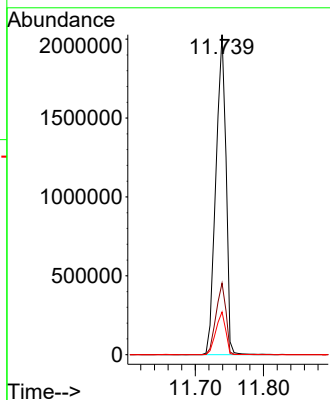
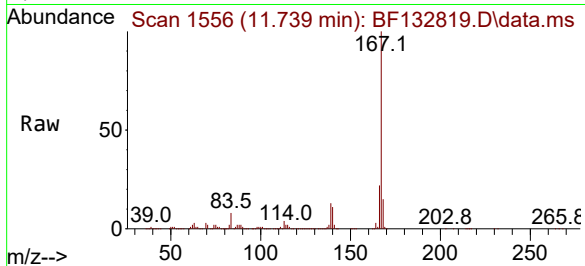




#73
 Carbazole
 Concen: 63.459 ng
 RT: 11.739 min Scan# 1555
 Delta R.T. 0.006 min
 Lab File: BF132819.D
 Acq: 16 Mar 2023 18:29

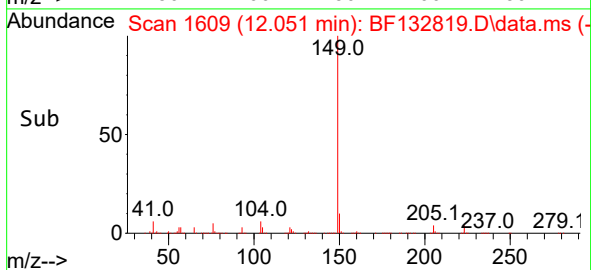
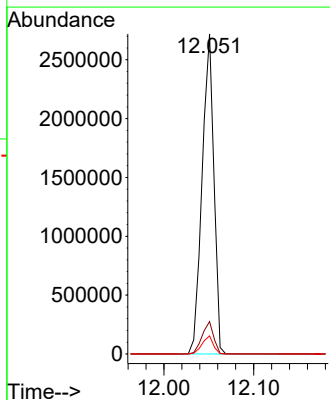
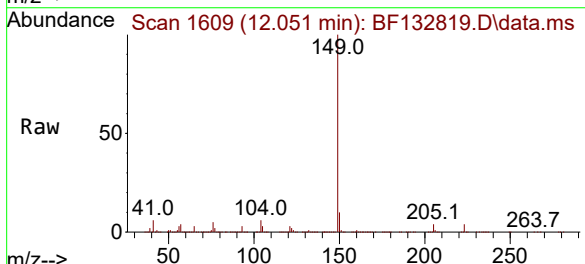
Instrument :
 BNA_F
 ClientSampleId :

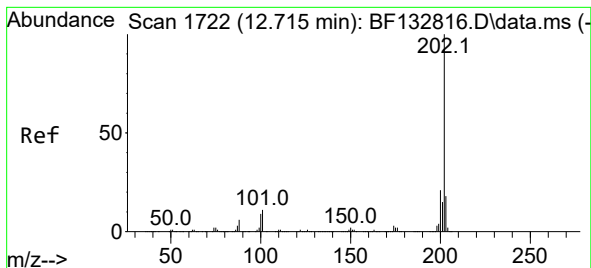
Tgt Ion:167 Resp: 2093778
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 64.002 ng
 RT: 12.051 min Scan# 1609
 Delta R.T. 0.006 min
 Lab File: BF132819.D
 Acq: 16 Mar 2023 18:29

Tgt Ion:149 Resp: 2477060
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.8
 104 5.7 4.4 6.6





#75

Fluoranthene

Concen: 63.607 ng

RT: 12.721 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

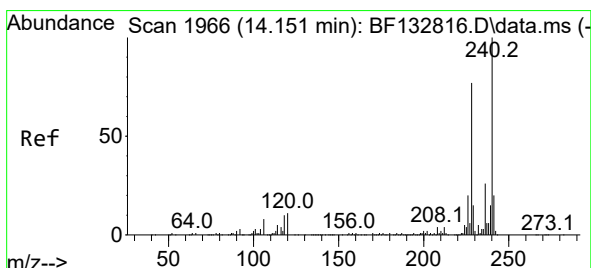
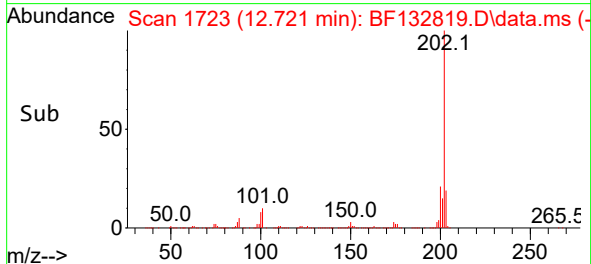
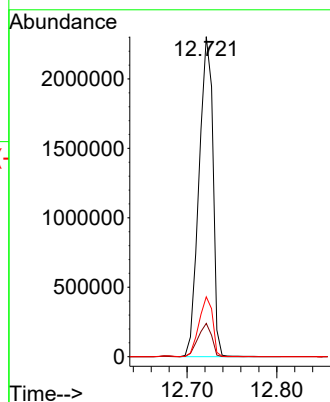
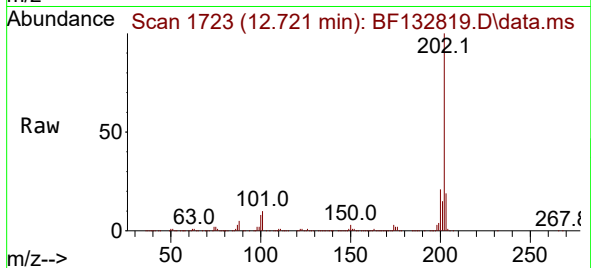
Tgt Ion:202 Resp: 2471086

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.3

203 18.7 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: BF132819.D

Acq: 16 Mar 2023 18:29

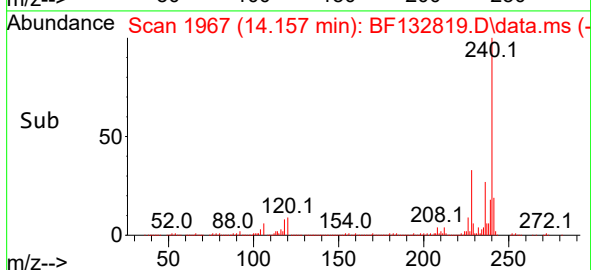
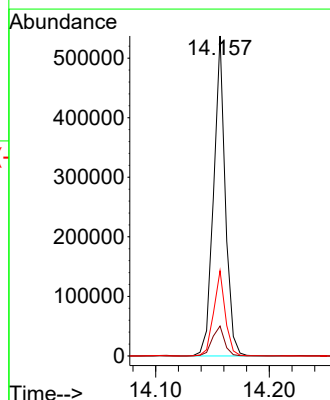
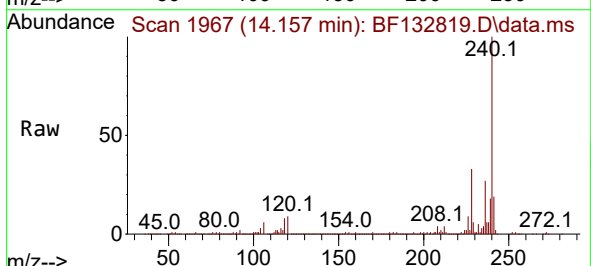
Tgt Ion:240 Resp: 382855

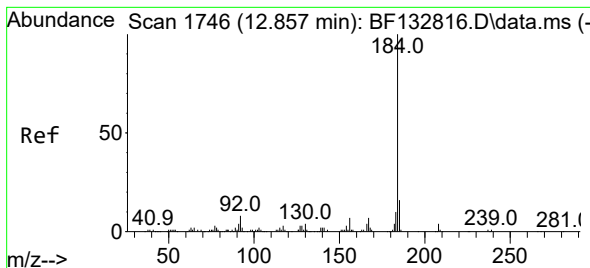
Ion Ratio Lower Upper

240 100

120 9.3 9.1 13.7

236 26.7 21.2 31.8





#77

Benzidine

Concen: 26.744 ng

RT: 12.863 min Scan# 1747

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

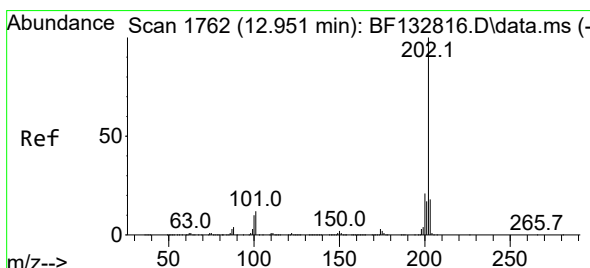
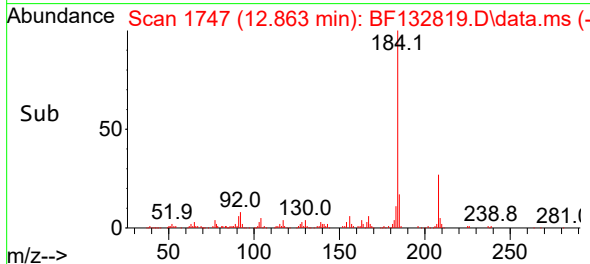
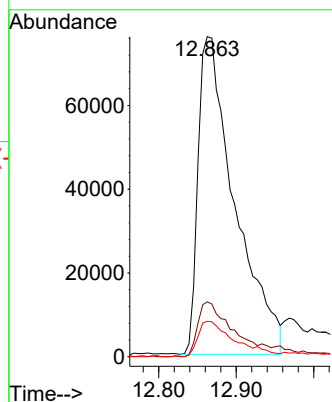
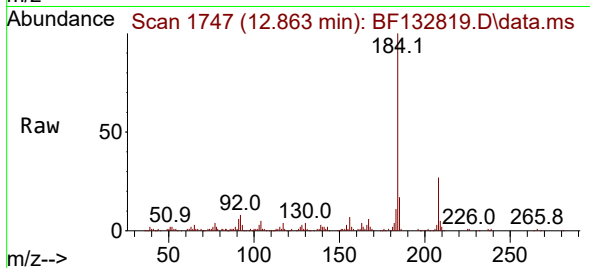
Tgt Ion:184 Resp: 249248

Ion Ratio Lower Upper

184 100

185 17.2 12.6 19.0

183 11.0 8.2 12.4



#78

Pyrene

Concen: 71.347 ng

RT: 12.957 min Scan# 1763

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

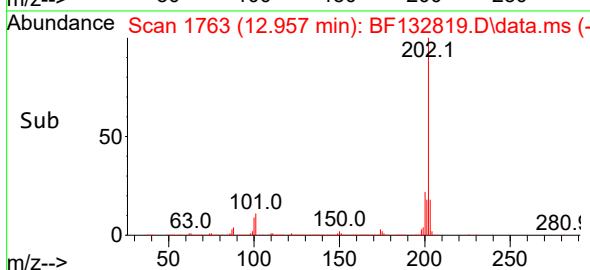
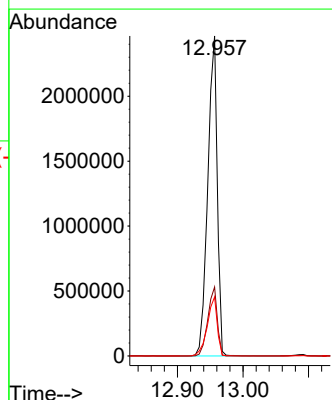
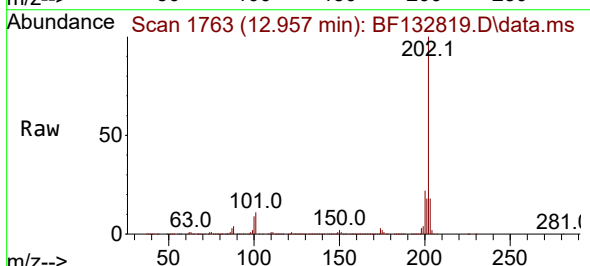
Tgt Ion:202 Resp: 2483468

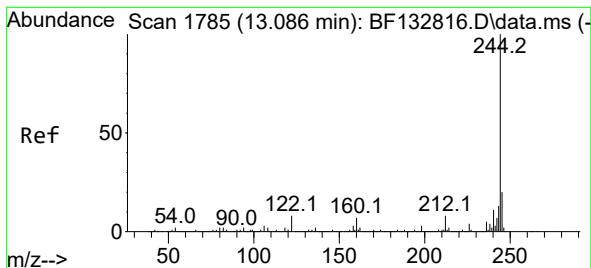
Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

203 18.4 14.6 21.8





#79

Terphenyl-d14

Concen: 146.629 ng

RT: 13.092 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

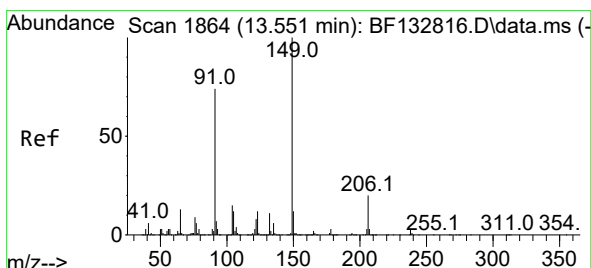
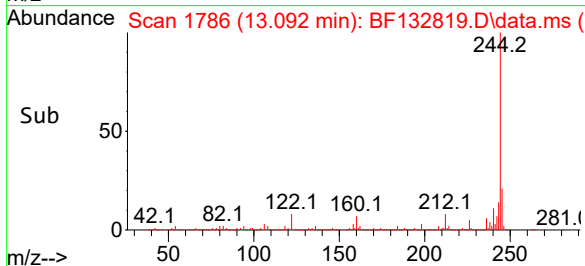
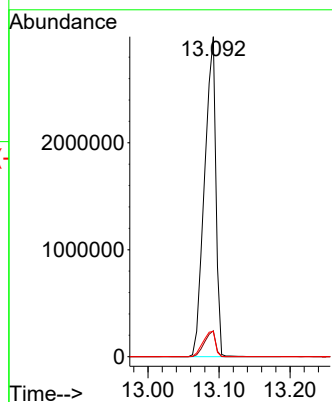
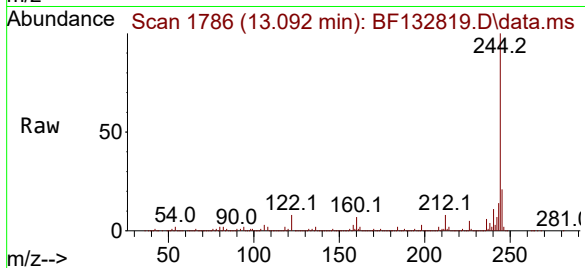
Tgt Ion:244 Resp: 3320278

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

122 7.9 6.6 9.8



#80

Butylbenzylphthalate

Concen: 76.989 ng

RT: 13.557 min Scan# 1865

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

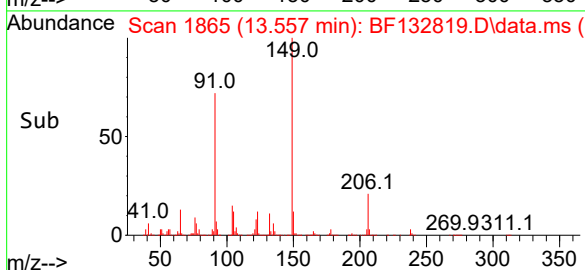
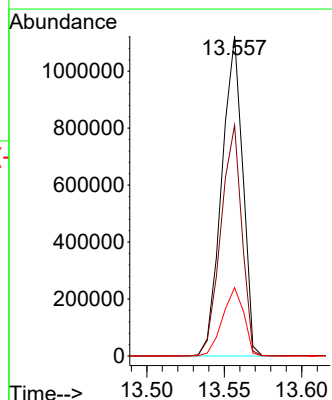
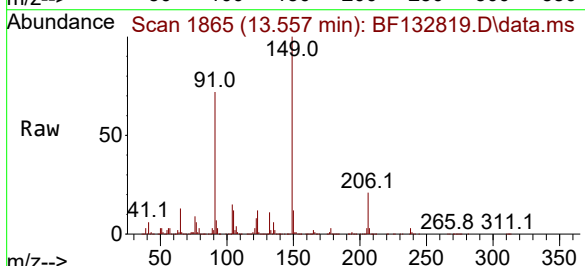
Tgt Ion:149 Resp: 1057531

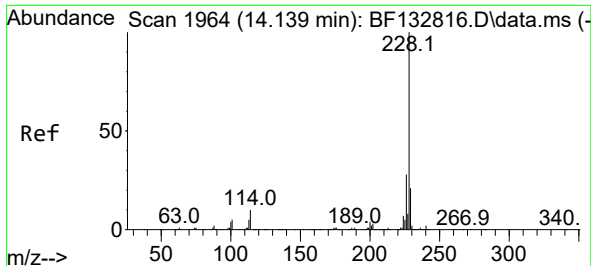
Ion Ratio Lower Upper

149 100

91 72.1 59.5 89.3

206 21.3 16.2 24.4

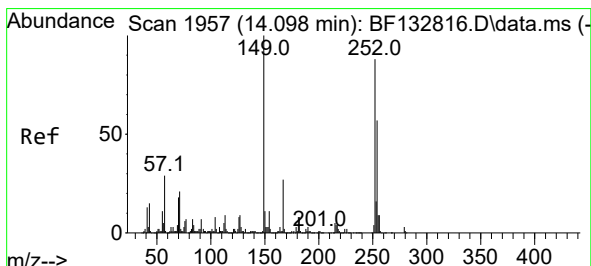
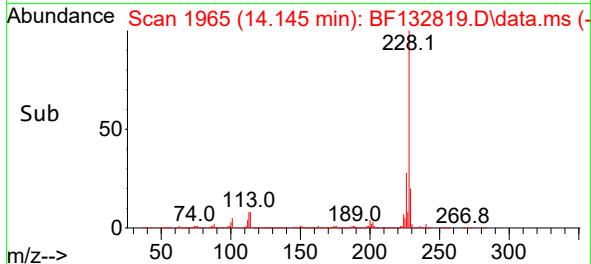
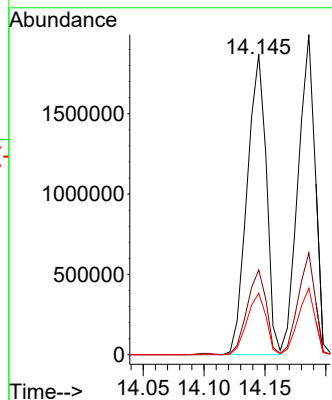
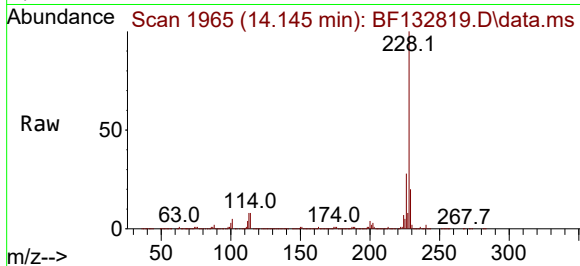




#81
Benzo(a)anthracene
Concen: 71.684 ng
RT: 14.145 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

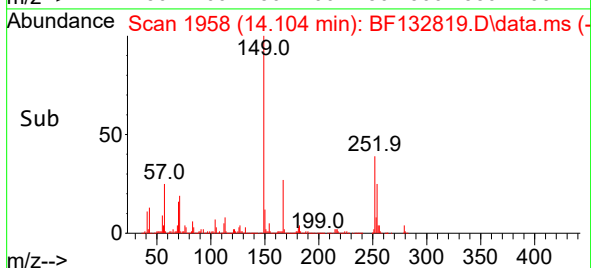
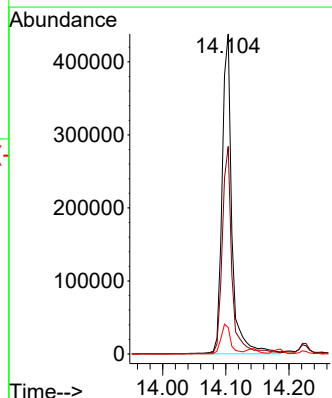
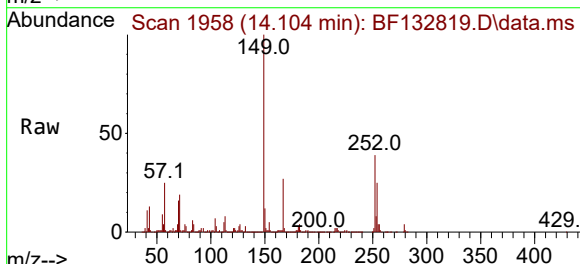
Instrument :
BNA_F
ClientSampleId :

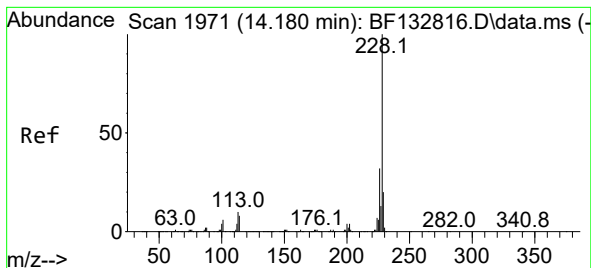
Tgt Ion:228 Resp: 2053476
Ion Ratio Lower Upper
228 100
226 28.2 22.2 33.4
229 20.5 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 55.930 ng
RT: 14.104 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion:252 Resp: 472348
Ion Ratio Lower Upper
252 100
254 64.9 52.2 78.4
126 8.3 7.5 11.3





#83

Chrysene

Concen: 72.659 ng

RT: 14.186 min Scan# 1971

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

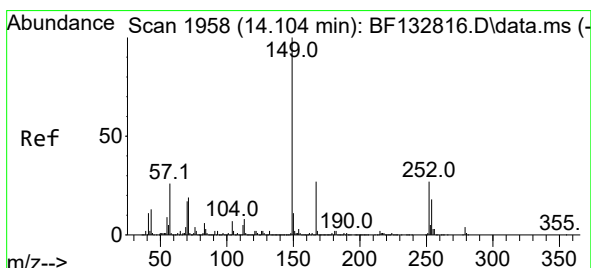
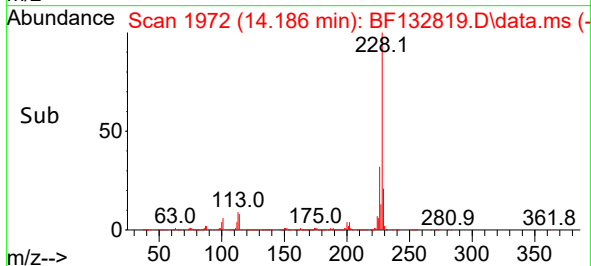
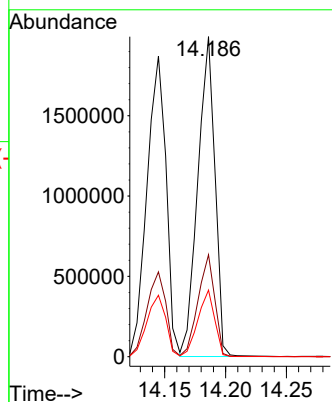
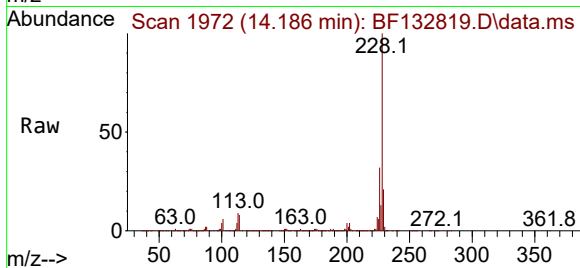
Tgt Ion:228 Resp: 1946360

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.0

229 20.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.212 ng

RT: 14.110 min Scan# 1959

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

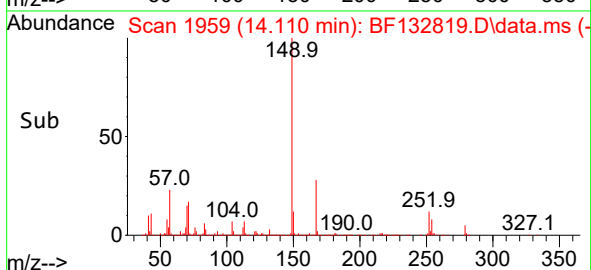
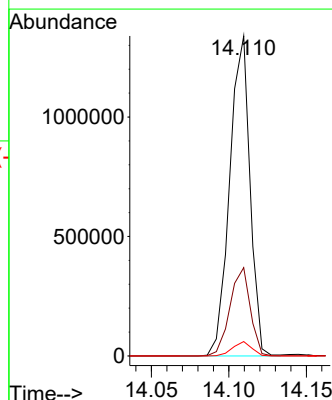
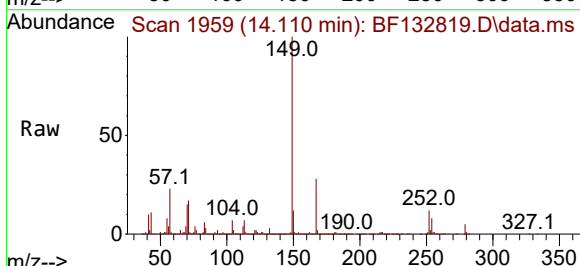
Tgt Ion:149 Resp: 1218505

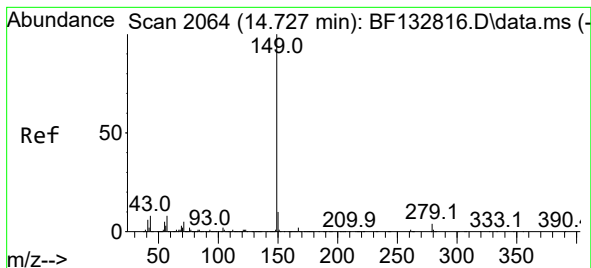
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.0

279 4.5 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 80.265 ng

RT: 14.727 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

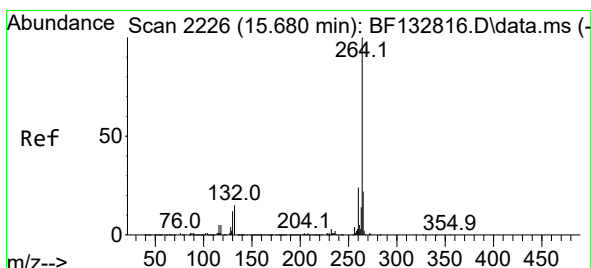
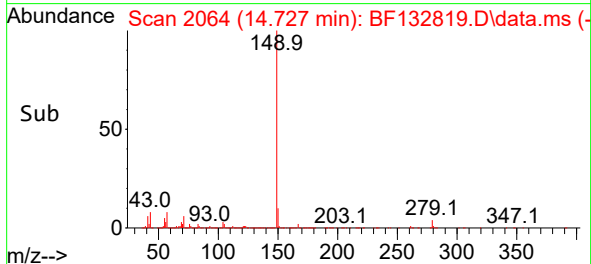
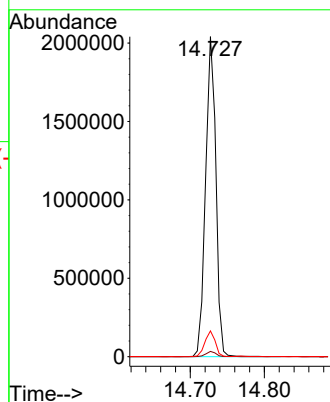
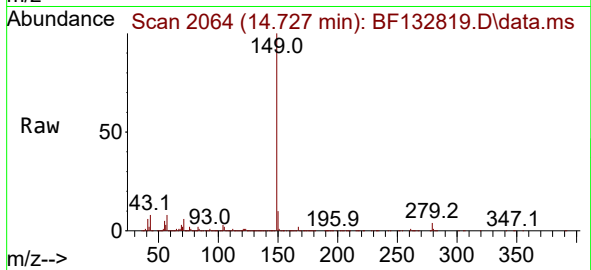
Tgt Ion:149 Resp: 1979185

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.0 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: BF132819.D

Acq: 16 Mar 2023 18:29

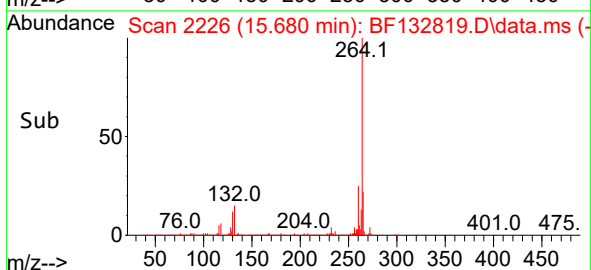
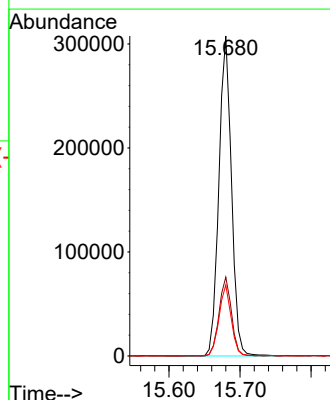
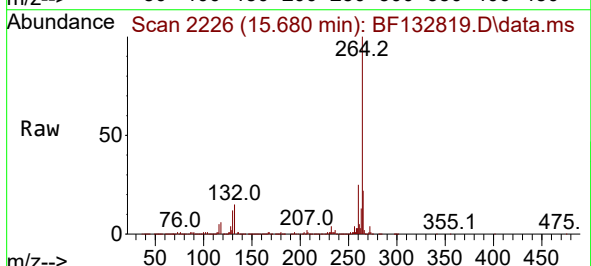
Tgt Ion:264 Resp: 376596

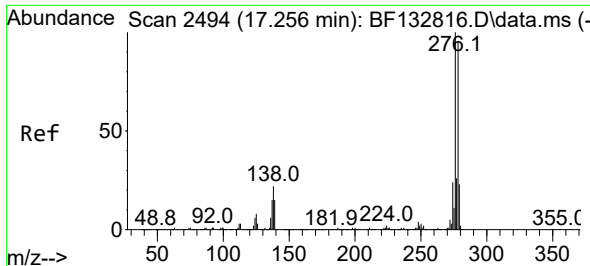
Ion Ratio Lower Upper

264 100

260 24.7 18.9 28.3

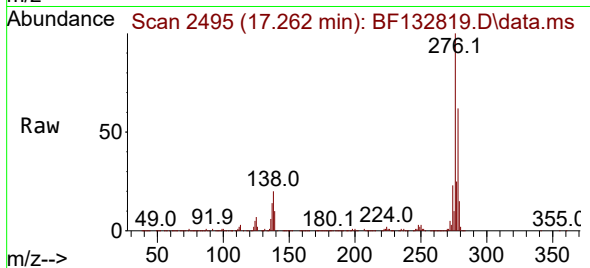
265 22.2 17.4 26.0



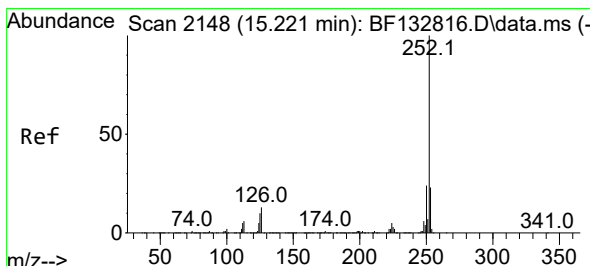
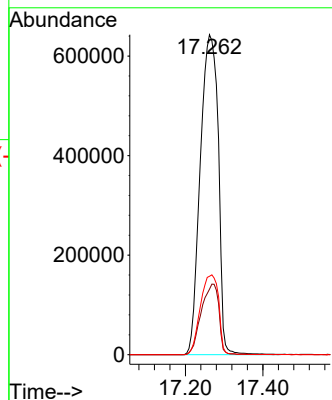
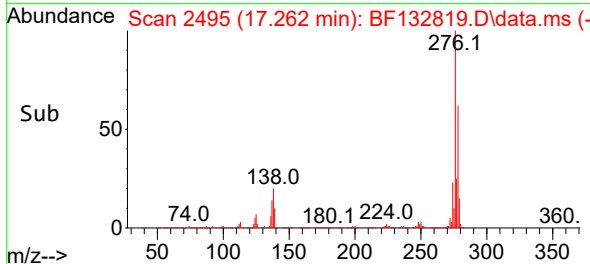


#87
Indeno(1,2,3-cd)pyrene
Concen: 83.887 ng
RT: 17.262 min Scan# 2494
Delta R.T. 0.006 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Instrument :
BNA_F
ClientSampleId :

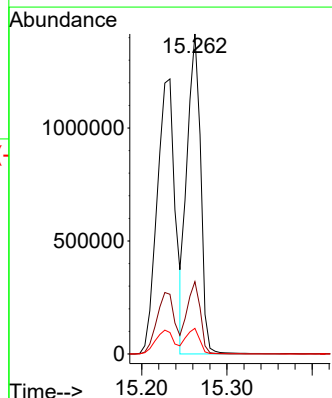
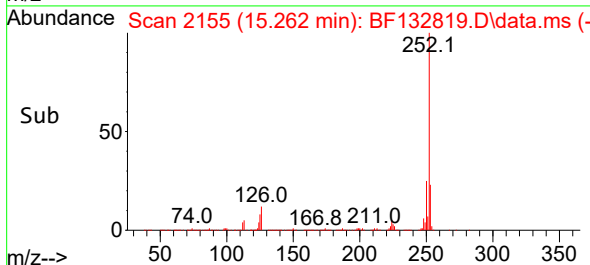
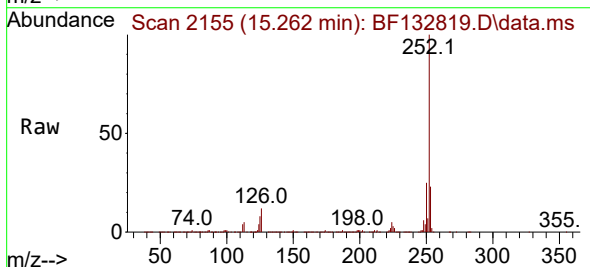


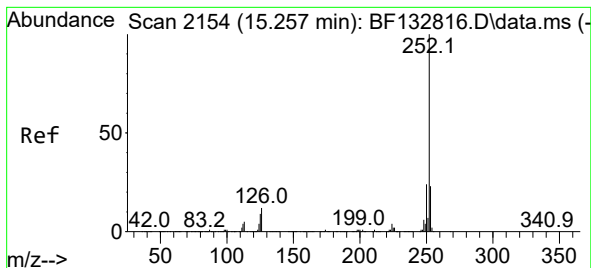
Tgt Ion:276 Resp: 2070008
Ion Ratio Lower Upper
276 100
138 21.6 18.8 28.2
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 61.900 ng
RT: 15.262 min Scan# 2155
Delta R.T. 0.041 min
Lab File: BF132819.D
Acq: 16 Mar 2023 18:29

Tgt Ion:252 Resp: 1562205
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 8.0 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 63.248 ng

RT: 15.262 min Scan# 2155

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

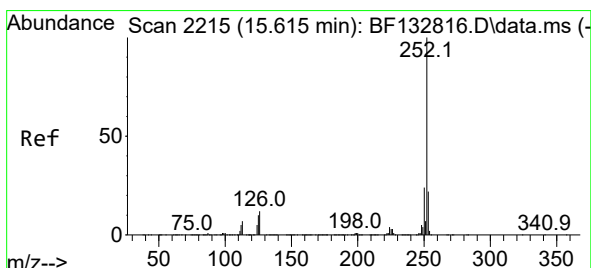
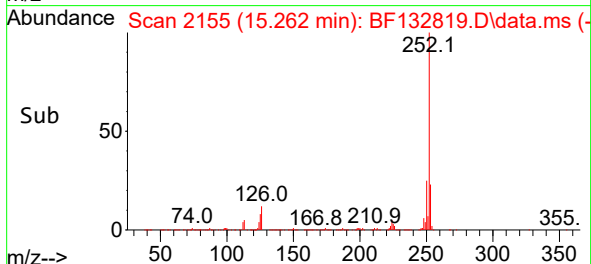
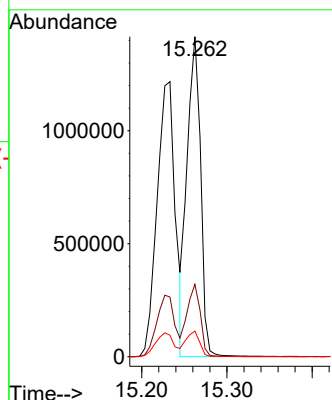
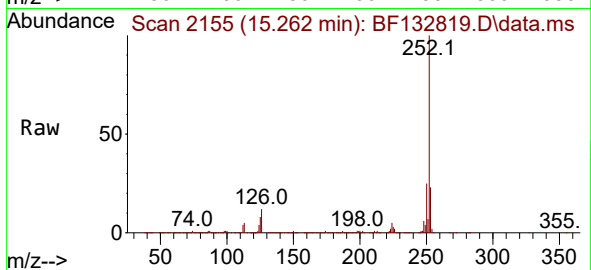
Tgt Ion:252 Resp: 1562205

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

125 8.0 7.2 10.8



#90

Benzo(a)pyrene

Concen: 71.612 ng

RT: 15.621 min Scan# 2216

Delta R.T. 0.006 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

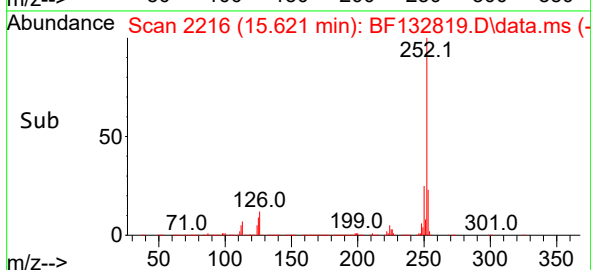
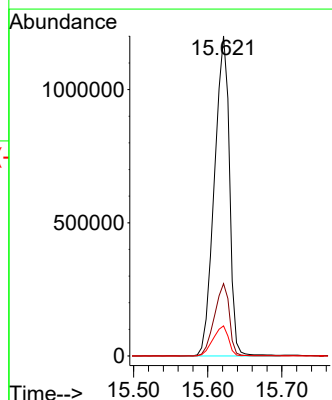
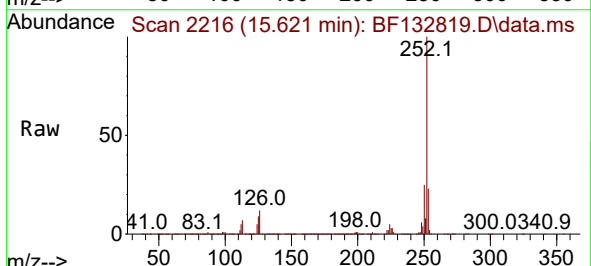
Tgt Ion:252 Resp: 1691502

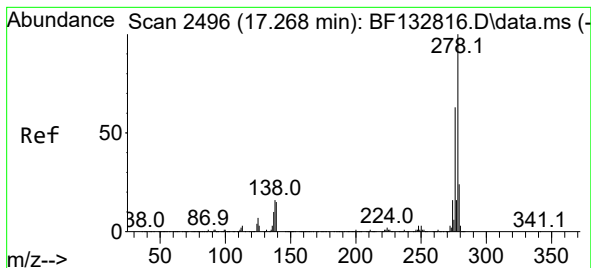
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 9.4 7.7 11.5





#91

Dibenzo(a,h)anthracene

Concen: 80.790 ng

RT: 17.280 min Scan# 2496

Delta R.T. 0.012 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Instrument :

BNA_F

ClientSampleId :

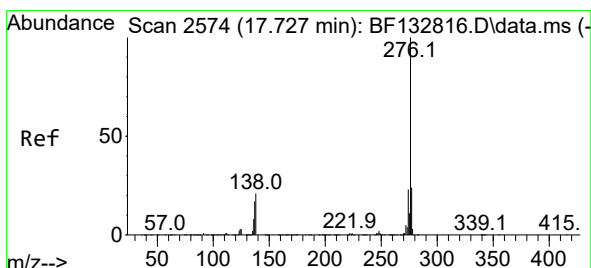
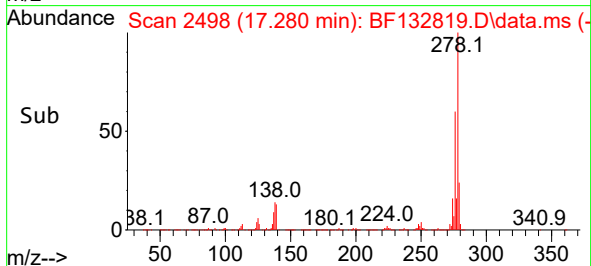
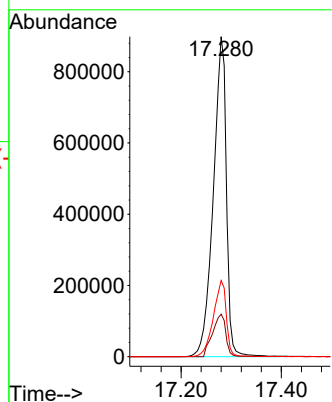
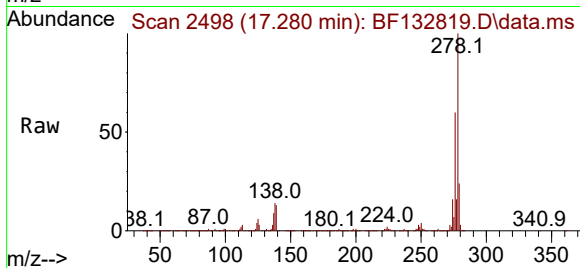
Tgt Ion:278 Resp: 1624315

Ion Ratio Lower Upper

278 100

139 13.3 11.8 17.8

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 88.993 ng

RT: 17.750 min Scan# 2578

Delta R.T. 0.024 min

Lab File: BF132819.D

Acq: 16 Mar 2023 18:29

Tgt Ion:276 Resp: 1863326

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.6

138 19.9 16.8 25.2

