

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031623\
 Data File : BF132822.D
 Acq On : 16 Mar 2023 21:13
 Operator : CG\JU
 Sample : PB151460BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151460BS

Quant Time: Mar 17 04:16:09 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 03:35:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	189915	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	774811	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	396667	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	713060	20.000	ng	0.00
76) Chrysene-d12	14.157	240	511330	20.000	ng	# 0.00
86) Perylene-d12	15.680	264	437399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	1615898	143.573	ng	0.02
7) Phenol-d6	6.604	99	2028423	138.852	ng	0.00
23) Nitrobenzene-d5	7.534	82	1390219	91.822	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	598801	142.007	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	2155352	89.258	ng	0.00
79) Terphenyl-d14	13.086	244	2710799	95.728	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.881	88	230490	36.336	ng	98
3) Pyridine	3.646	79	579377	37.115	ng	98
4) n-Nitrosodimethylamine	3.616	42	270417	46.661	ng	100
6) Aniline	6.628	93	749900	44.689	ng	93
8) 2-Chlorophenol	6.751	128	604224	50.310	ng	98
9) Benzaldehyde	6.516	77	443465	73.768	ng	98
10) Phenol	6.616	94	759993	45.795	ng	94
11) bis(2-Chloroethyl)ether	6.698	93	767202	49.987	ng	99
12) 1,3-Dichlorobenzene	6.904	146	615577	47.292	ng	99
13) 1,4-Dichlorobenzene	6.981	146	615396	47.369	ng	100
14) 1,2-Dichlorobenzene	7.134	146	595785	50.260	ng	98
15) Benzyl Alcohol	7.110	79	522685	61.861	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	705175	47.221	ng	88
17) 2-Methylphenol	7.222	107	492556	45.130	ng	# 94
18) Hexachloroethane	7.469	117	249270	50.139	ng	93
19) n-Nitroso-di-n-propyla...	7.381	70	382674	45.911	ng	97
20) 3+4-Methylphenols	7.375	107	571850	43.515	ng	# 84
22) Acetophenone	7.375	105	796427	43.051	ng	# 97
24) Nitrobenzene	7.551	77	684732	41.832	ng	97
25) Isophorone	7.787	82	1255344	42.177	ng	100
26) 2-Nitrophenol	7.863	139	330030	43.285	ng	99
27) 2,4-Dimethylphenol	7.898	122	507842	42.991	ng	99
28) bis(2-Chloroethoxy)met...	7.987	93	739676	41.375	ng	100
29) 2,4-Dichlorophenol	8.110	162	572681	46.827	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	581145	44.427	ng	98
31) Naphthalene	8.269	128	1646075	42.348	ng	100
32) Benzoic acid	8.051	122	351914	48.168	ng	95
33) 4-Chloroaniline	8.334	127	199877	11.795	ng	99
34) Hexachlorobutadiene	8.375	225	360657	43.456	ng	99
35) Caprolactam	8.704	113	113478	30.265	ng	98
36) 4-Chloro-3-methylphenol	8.810	107	556384	44.731	ng	99
37) 2-Methylnaphthalene	8.957	142	1041478	39.954	ng	100
38) 1-Methylnaphthalene	9.057	142	964620	39.303	ng	98
40) 1,2,4,5-Tetrachloroben...	9.128	216	598209	45.972	ng	98
41) Hexachlorocyclopentadiene	9.110	237	650286	102.221	ng	100
43) 2,4,6-Trichlorophenol	9.245	196	396008	46.739	ng	100

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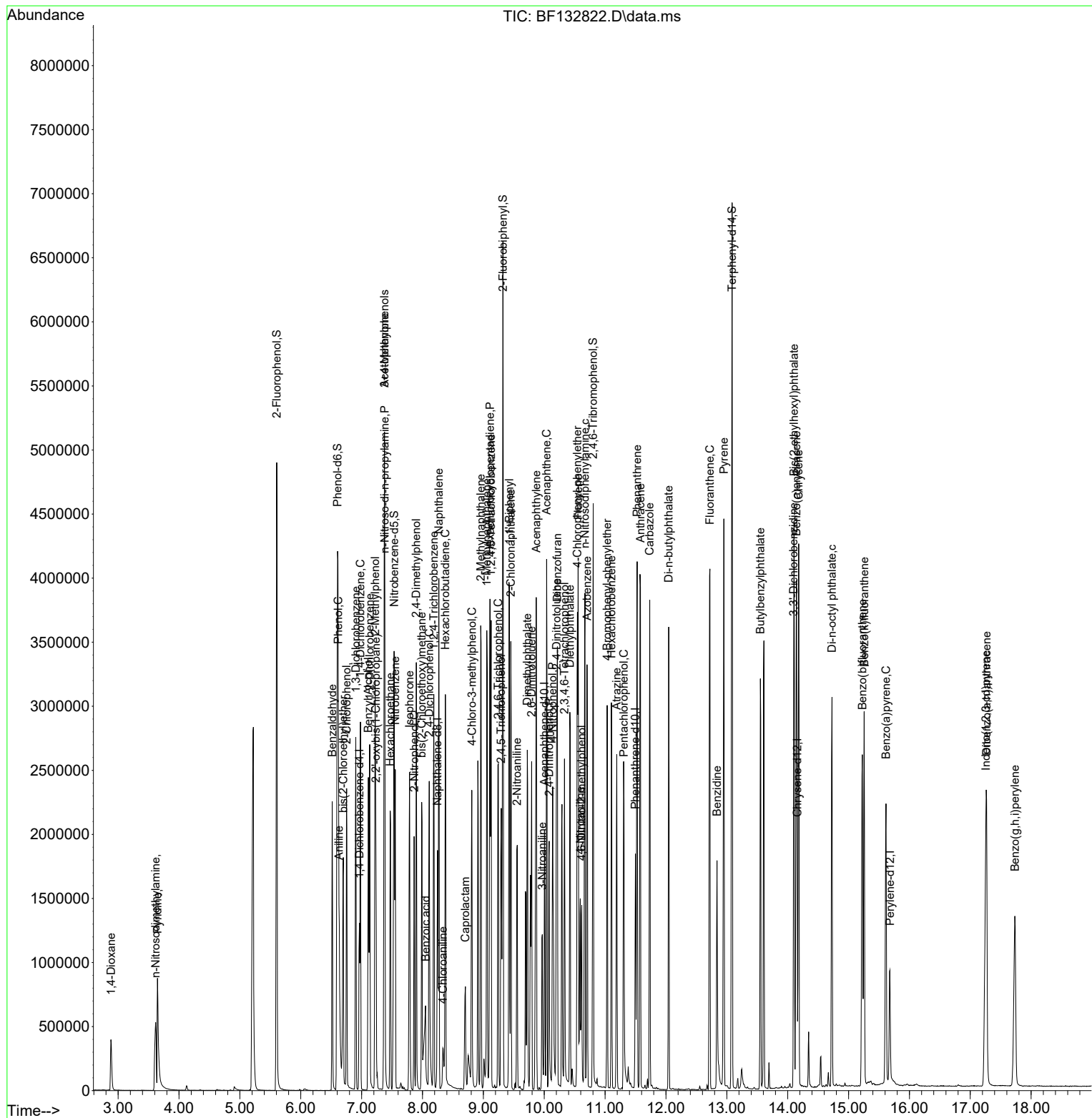
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	440753	44.680	ng	100
46) 1,1'-Biphenyl	9.428	154	1285279	43.676	ng	98
47) 2-Chloronaphthalene	9.451	162	1029971	44.202	ng	100
48) 2-Nitroaniline	9.551	65	342386	44.742	ng	98
49) Acenaphthylene	9.869	152	1597378	44.609	ng	100
50) Dimethylphthalate	9.722	163	1302676	45.805	ng	99
51) 2,6-Dinitrotoluene	9.792	165	291939	46.424	ng	93
52) Acenaphthene	10.039	154	923749	42.856	ng	99
53) 3-Nitroaniline	9.969	138	243912	34.698	ng	98
54) 2,4-Dinitrophenol	10.081	184	308604	85.866	ng	95
55) Dibenzofuran	10.216	168	1377774	41.583	ng	98
56) 4-Nitrophenol	10.139	139	415588	99.160	ng	92
57) 2,4-Dinitrotoluene	10.204	165	359714	44.780	ng	99
58) Fluorene	10.557	166	1166763	44.284	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.333	232	331969	46.434	ng	98
60) Diethylphthalate	10.422	149	1174499	43.579	ng	98
61) 4-Chlorophenyl-phenyle...	10.545	204	607664	43.937	ng	99
62) 4-Nitroaniline	10.592	138	317471	51.648	ng	95
63) Azobenzene	10.704	77	1228524	44.586	ng	99
65) 4,6-Dinitro-2-methylph...	10.616	198	231242	52.912	ng	97
66) n-Nitrosodiphenylamine	10.669	169	1031838	46.823	ng	98
67) 4-Bromophenyl-phenylether	11.033	248	383559	46.526	ng	99
68) Hexachlorobenzene	11.104	284	430511	49.312	ng	96
69) Atrazine	11.192	200	328121	51.703	ng	97
70) Pentachlorophenol	11.310	266	368580	99.505	ng	98
71) Phenanthrene	11.528	178	1604916	44.715	ng	99
72) Anthracene	11.580	178	1709176	46.487	ng	100
73) Carbazole	11.733	167	1568555	47.515	ng	99
74) Di-n-butylphthalate	12.045	149	1792177	45.569	ng	100
75) Fluoranthene	12.722	202	1839967	47.107	ng	98
77) Benzidine	12.839	184	892475	280.264	ng	99
78) Pyrene	12.951	202	1900581	44.723	ng	99
80) Butylbenzylphthalate	13.551	149	791888	45.548	ng	98
81) Benzo(a)anthracene	14.145	228	1681034	45.419	ng	99
82) 3,3'-Dichlorobenzidine	14.098	252	411122	42.792	ng	100
83) Chrysene	14.180	228	1530848	43.770	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	984818	45.047	ng	100
85) Di-n-octyl phthalate	14.727	149	1604333	46.845	ng	100
87) Indeno(1,2,3-cd)pyrene	17.257	276	1382435	50.420	ng	100
88) Benzo(b)fluoranthene	15.227	252	1410569	49.439	ng	98
89) Benzo(k)fluoranthene	15.257	252	1351290	48.464	ng	99
90) Benzo(a)pyrene	15.615	252	1192447	44.831	ng	99
91) Dibenzo(a,h)anthracene	17.268	278	1137286	50.827	ng	99
92) Benzo(g,h,i)perylene	17.733	276	1187353	50.785	ng	99

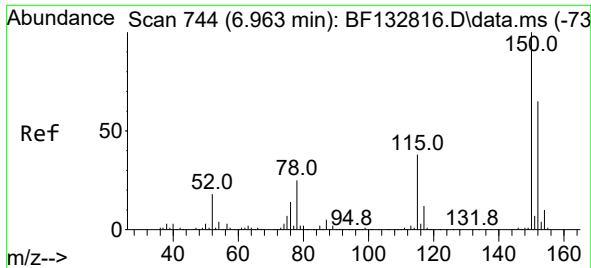
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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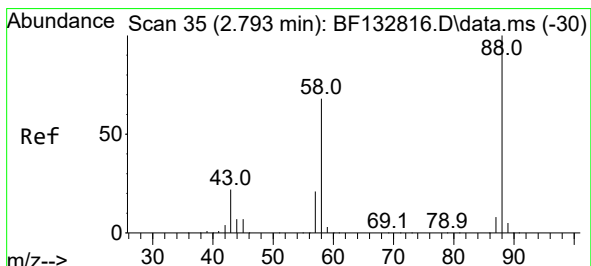
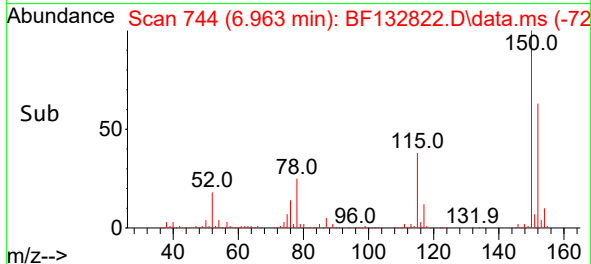
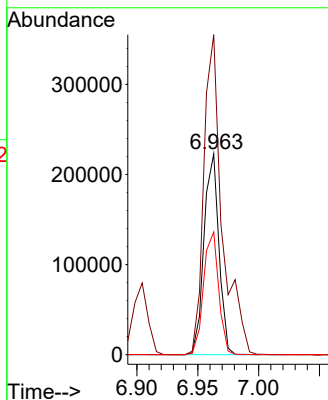
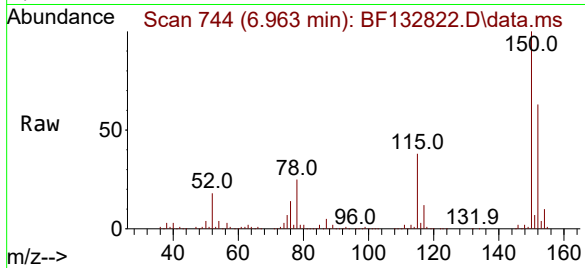




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: BF132822.D
 Acq: 16 Mar 2023 21:13

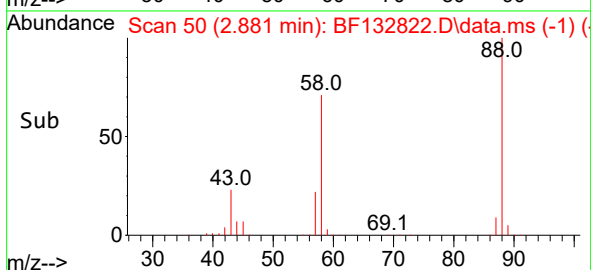
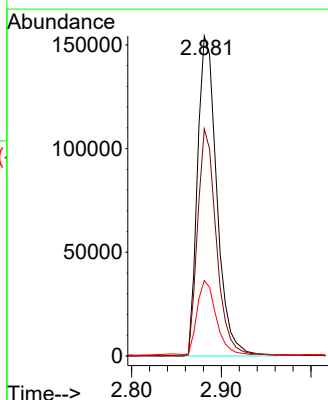
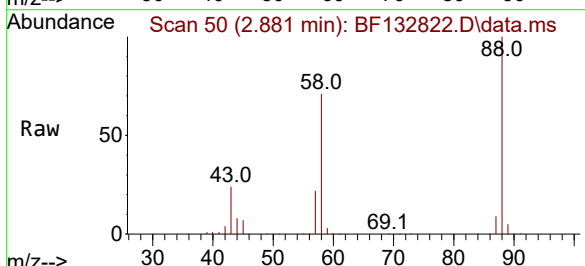
Instrument :
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 ClientSampleId :
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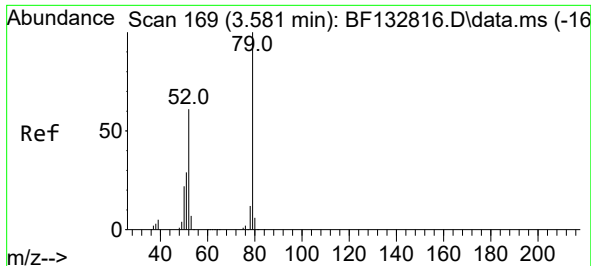
Tgt Ion:152 Resp: 189915
 Ion Ratio Lower Upper
 152 100
 150 159.4 122.7 184.1
 115 61.1 46.2 69.4



#2
 1,4-Dioxane
 Concen: 36.336 ng
 RT: 2.881 min Scan# 50
 Delta R.T. 0.088 min
 Lab File: BF132822.D
 Acq: 16 Mar 2023 21:13

Tgt Ion: 88 Resp: 230490
 Ion Ratio Lower Upper
 88 100
 58 69.2 53.8 80.8
 43 22.4 18.2 27.4

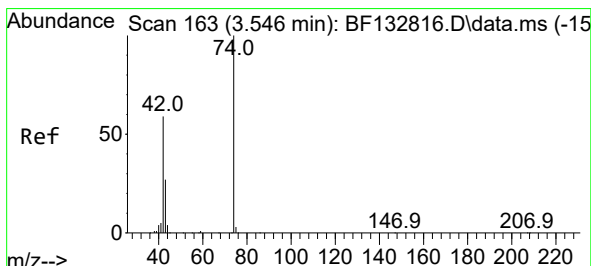
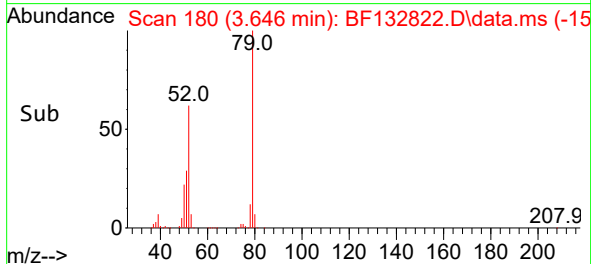
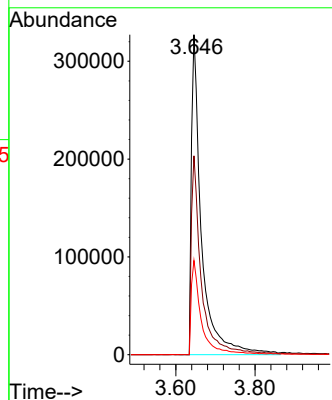
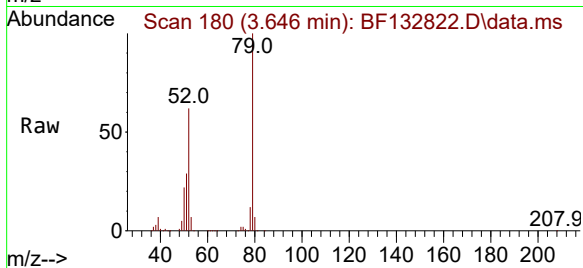




#3
Pyridine
Concen: 37.115 ng
RT: 3.646 min Scan# 11
Delta R.T. 0.065 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

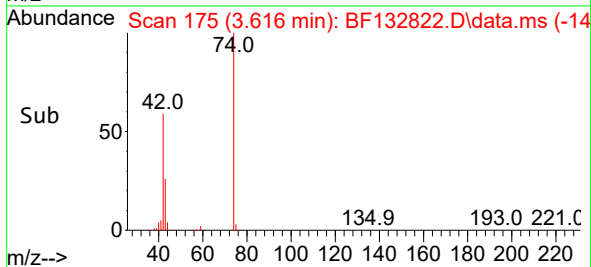
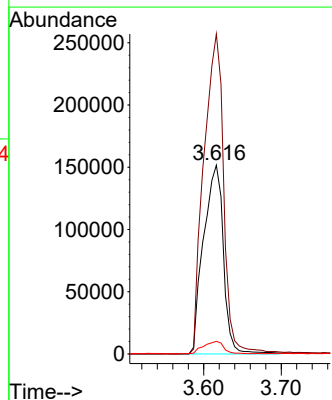
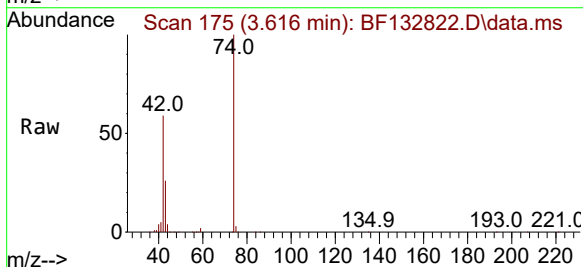
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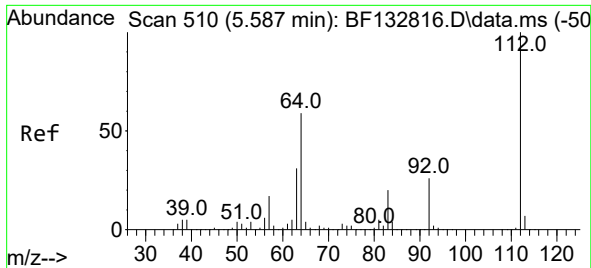
Tgt Ion: 79 Resp: 579377
Ion Ratio Lower Upper
79 100
52 62.2 48.5 72.7
51 29.5 23.1 34.7



#4
n-Nitrosodimethylamine
Concen: 46.661 ng
RT: 3.616 min Scan# 175
Delta R.T. 0.071 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion: 42 Resp: 270417
Ion Ratio Lower Upper
42 100
74 169.5 135.2 202.8
44 6.7 6.0 9.0

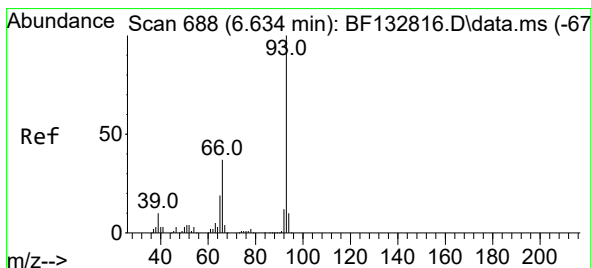
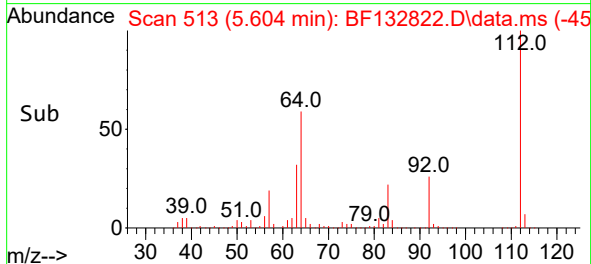
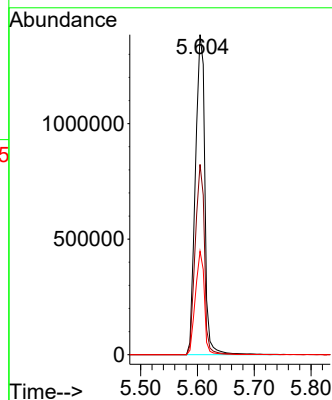
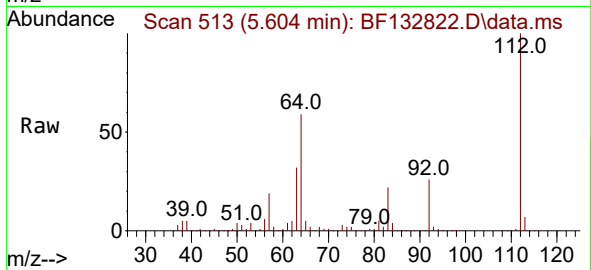




#5
2-Fluorophenol
Concen: 143.573 ng
RT: 5.604 min Scan# 510
Delta R.T. 0.018 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

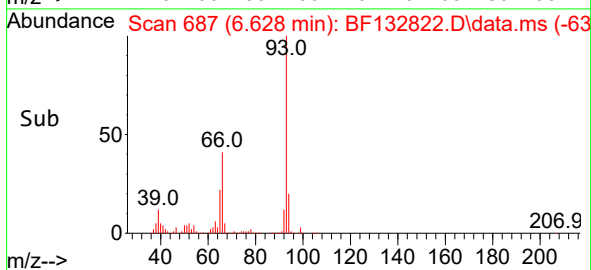
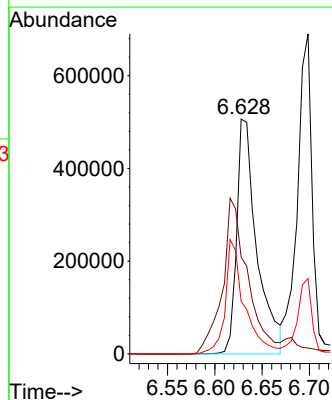
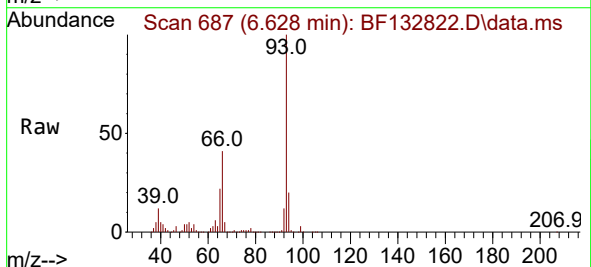
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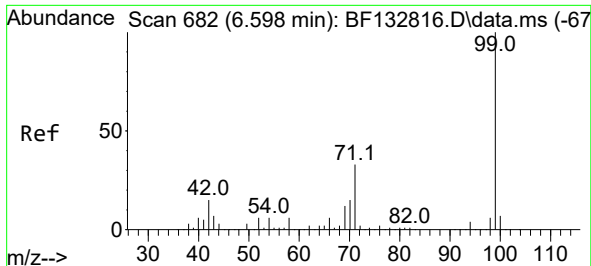
Tgt Ion:112 Resp: 1615898
Ion Ratio Lower Upper
112 100
64 59.5 47.1 70.7
63 32.3 24.4 36.6



#6
Aniline
Concen: 44.689 ng
RT: 6.628 min Scan# 687
Delta R.T. -0.006 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion: 93 Resp: 749900
Ion Ratio Lower Upper
93 100
66 41.2 30.1 45.1
65 22.4 15.0 22.6

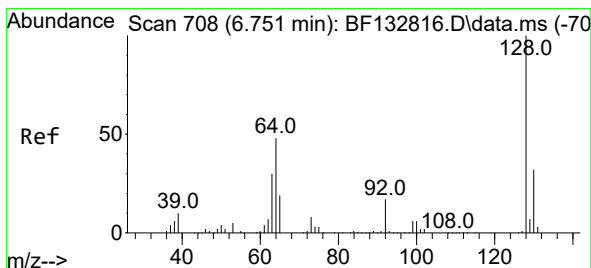
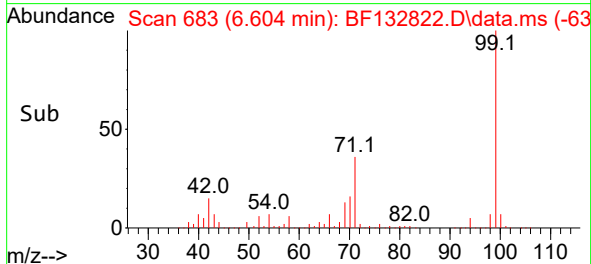
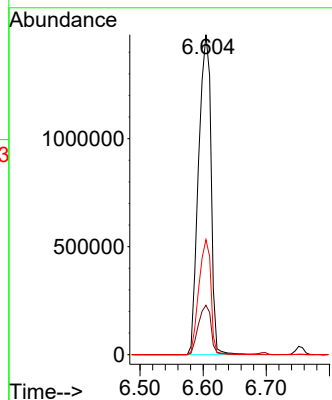
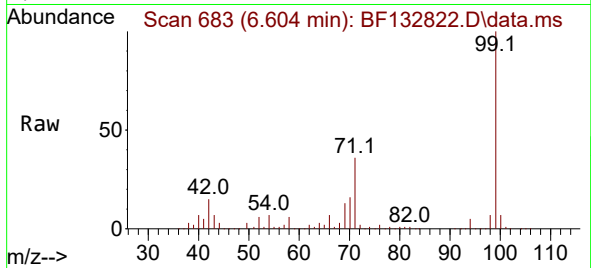




#7
Phenol-d6
Concen: 138.852 ng
RT: 6.604 min Scan# 683
Delta R.T. 0.006 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

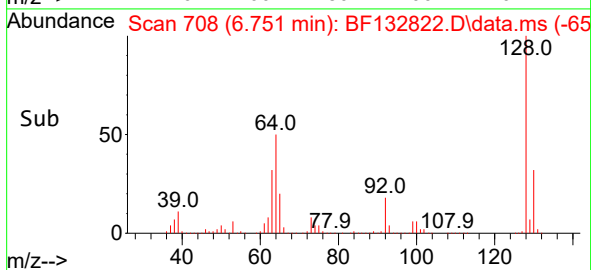
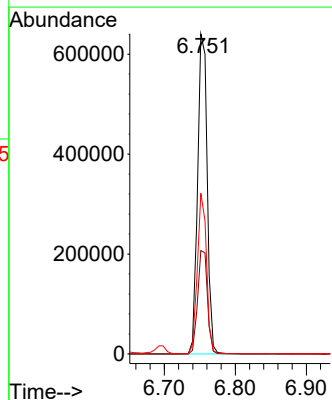
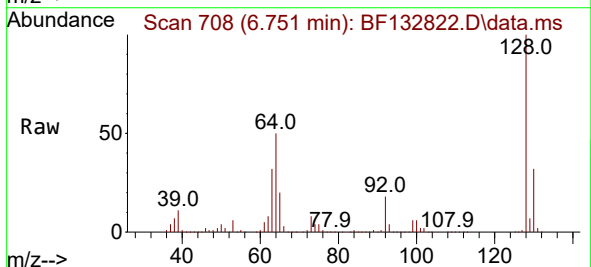
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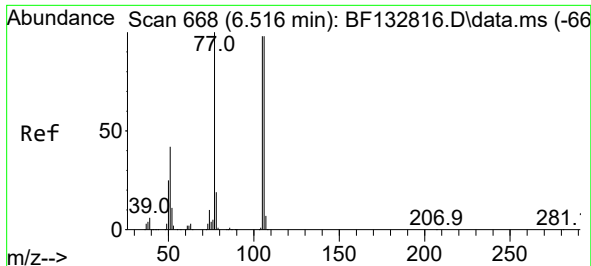
Tgt Ion: 99 Resp: 2028423
Ion Ratio Lower Upper
99 100
42 15.5 11.9 17.9
71 35.9 26.3 39.5



#8
2-Chlorophenol
Concen: 50.310 ng
RT: 6.751 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:128 Resp: 604224
Ion Ratio Lower Upper
128 100
130 32.3 12.4 52.4
64 50.2 28.4 68.4

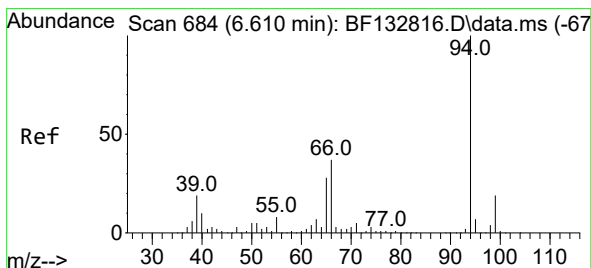
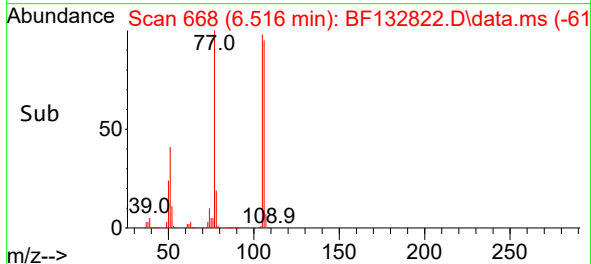
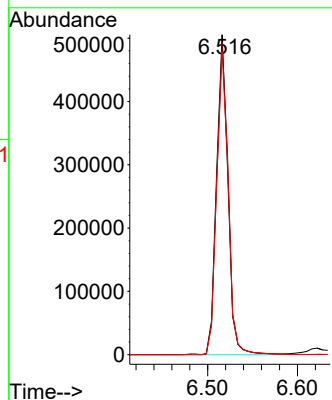
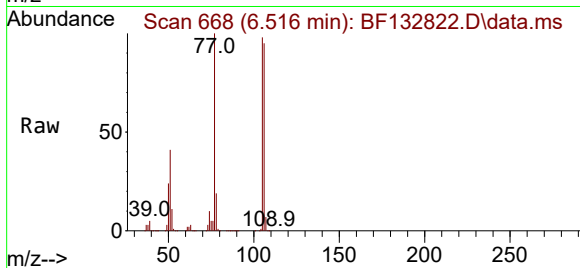




#9
Benzaldehyde
Concen: 73.768 ng
RT: 6.516 min Scan# 61
Delta R.T. 0.000 min
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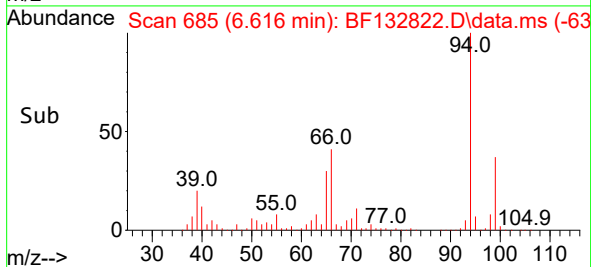
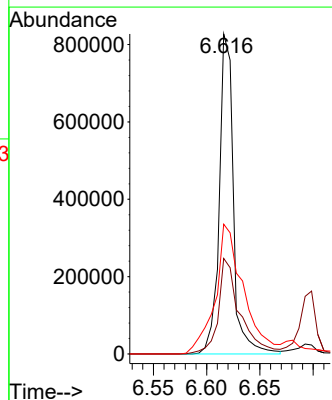
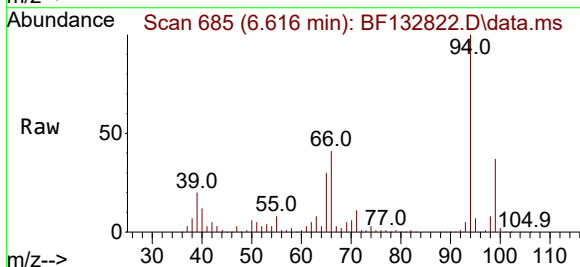
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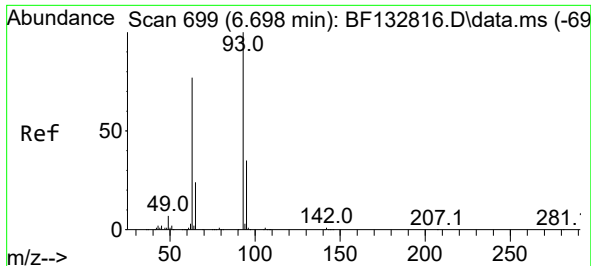
Tgt Ion: 77 Resp: 443465
Ion Ratio Lower Upper
77 100
105 97.7 77.5 117.5
106 94.7 78.5 118.5



#10
Phenol
Concen: 45.795 ng
RT: 6.616 min Scan# 685
Delta R.T. 0.006 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion: 94 Resp: 759993
Ion Ratio Lower Upper
94 100
65 29.8 7.7 47.7
66 40.6 16.5 56.5

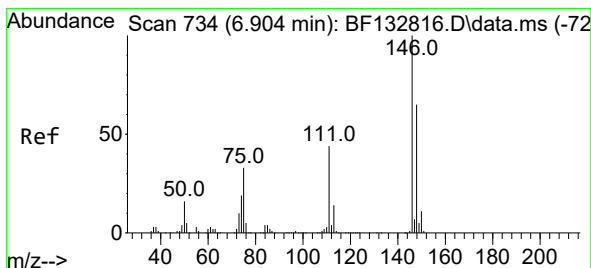
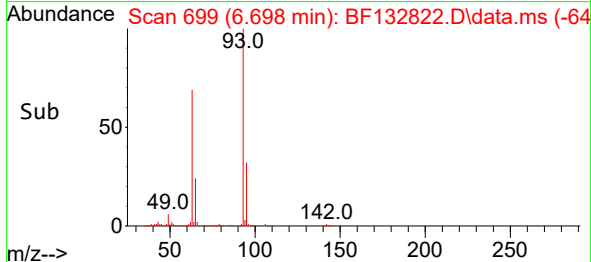
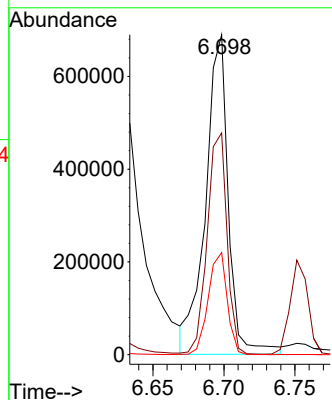
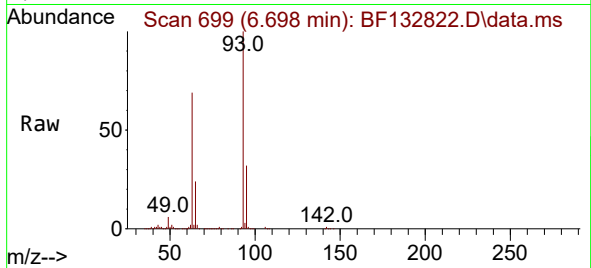




#11
bis(2-Chloroethyl)ether
Concen: 49.987 ng
RT: 6.698 min Scan# 699
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

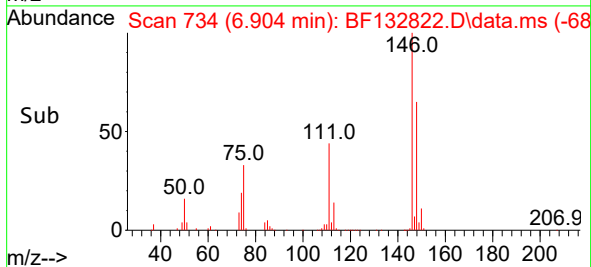
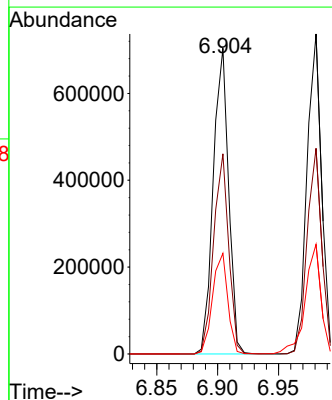
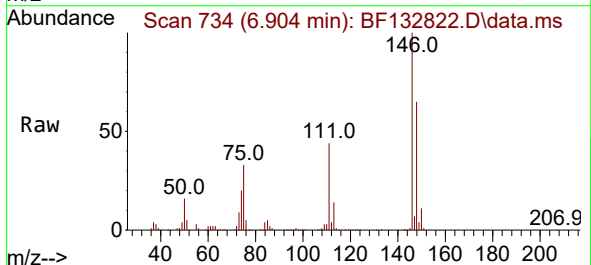
Instrument :
BNA_F
ClientSampleId :
PB151460BS

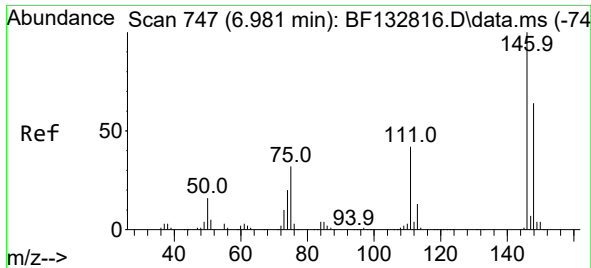
Tgt Ion: 93 Resp: 767202
Ion Ratio Lower Upper
93 100
63 69.3 50.5 90.5
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 47.292 ng
RT: 6.904 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:146 Resp: 615577
Ion Ratio Lower Upper
146 100
148 65.5 51.8 77.8
75 32.9 26.4 39.6

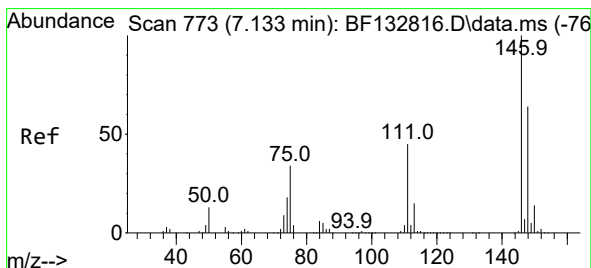
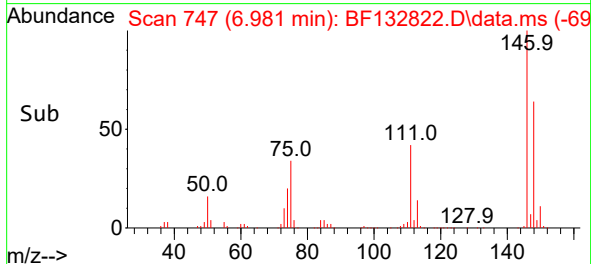
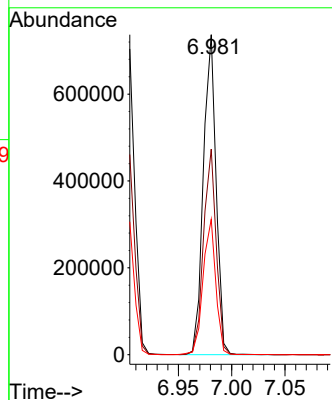
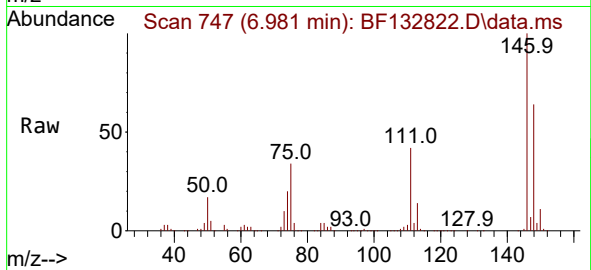




#13
1,4-Dichlorobenzene
Concen: 47.369 ng
RT: 6.981 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

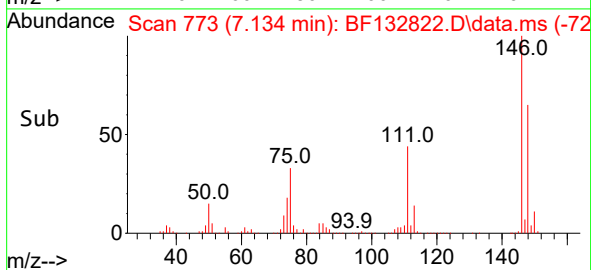
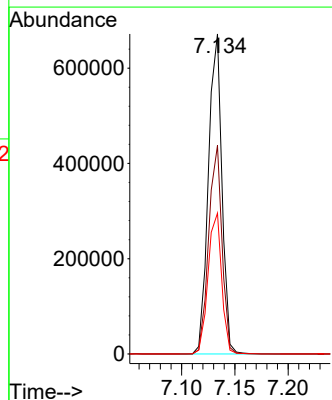
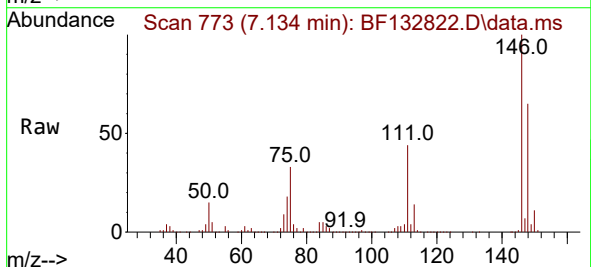
Instrument :
BNA_F
ClientSampleId :
PB151460BS

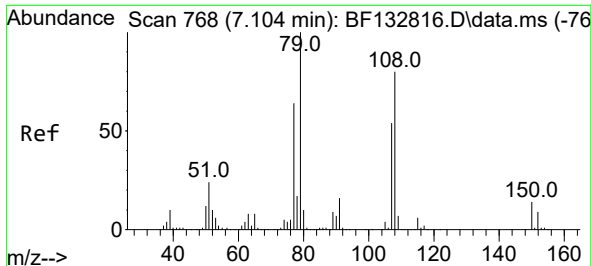
Tgt Ion:146 Resp: 615396
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 42.3 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 50.260 ng
RT: 7.134 min Scan# 773
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:146 Resp: 595785
Ion Ratio Lower Upper
146 100
148 65.1 50.9 76.3
111 44.0 35.8 53.8

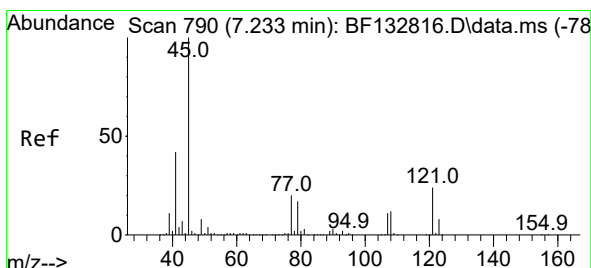
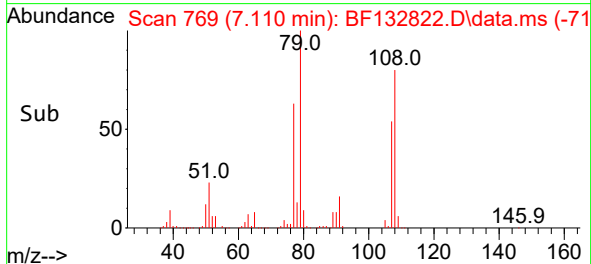
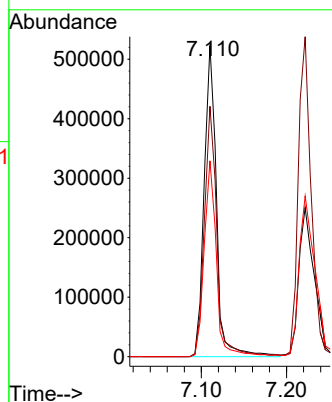
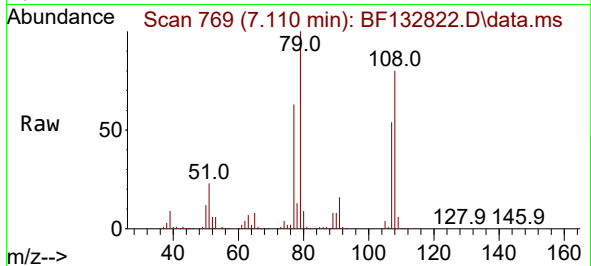




#15
Benzyl Alcohol
Concen: 61.861 ng
RT: 7.110 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

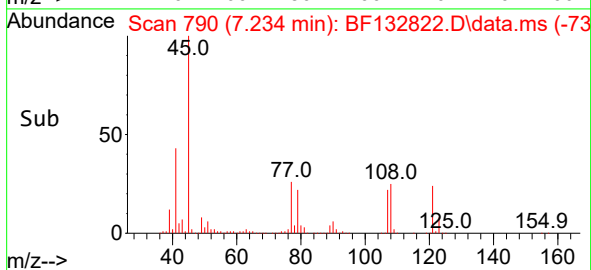
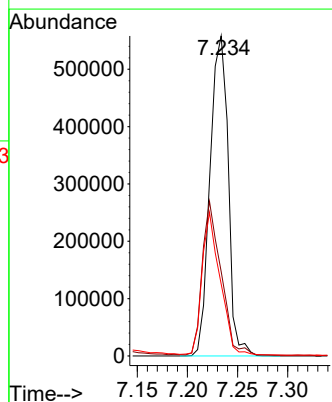
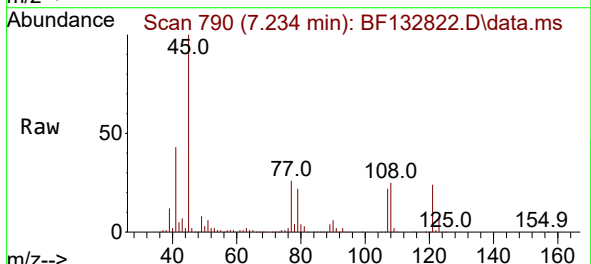
Instrument :
BNA_F
ClientSampleId :
PB151460BS

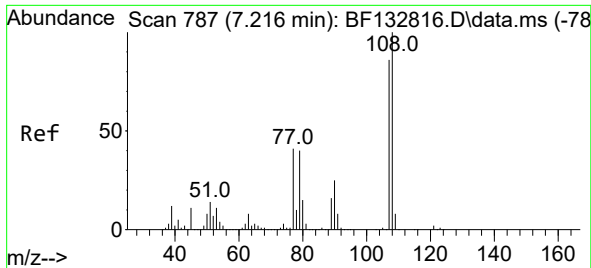
Tgt Ion: 79 Resp: 522685
Ion Ratio Lower Upper
79 100
108 80.5 64.2 96.2
77 63.0 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.221 ng
RT: 7.234 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion: 45 Resp: 705175
Ion Ratio Lower Upper
45 100
77 26.4 0.7 40.7
79 22.5 0.0 37.2

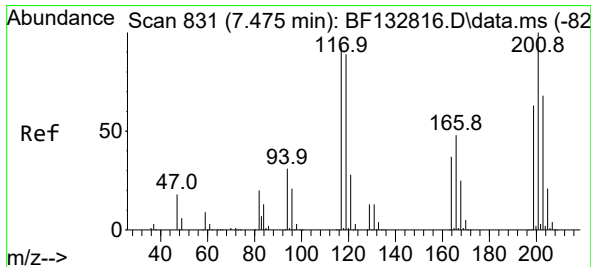
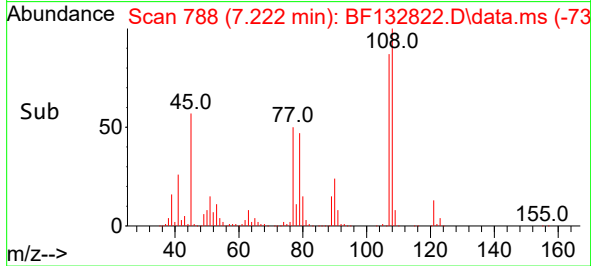
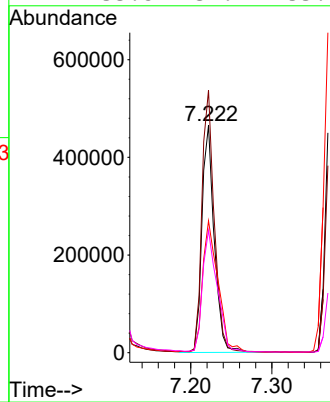
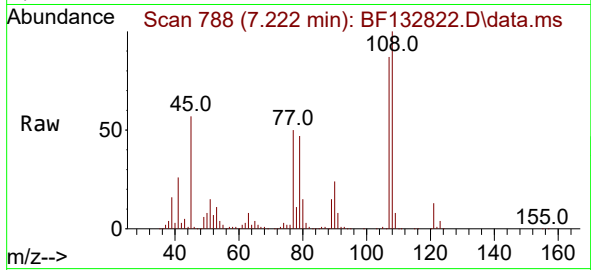




#17
2-Methylphenol
Concen: 45.130 ng
RT: 7.222 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

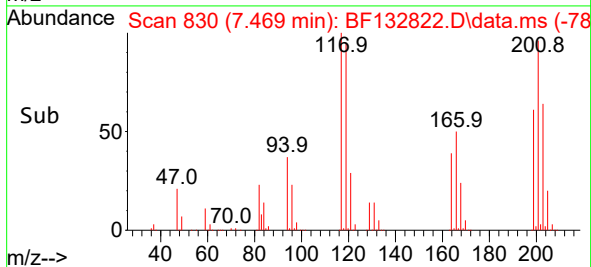
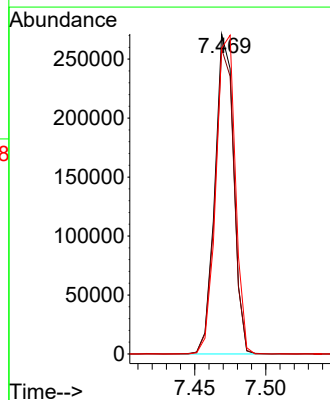
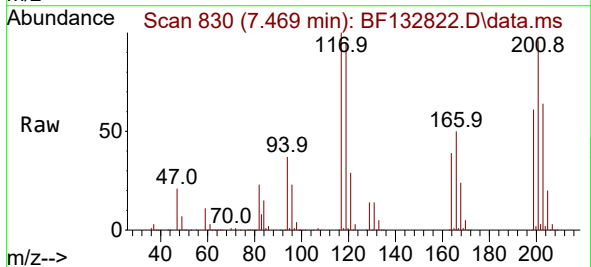
Instrument :
BNA_F
ClientSampleId :
PB151460BS

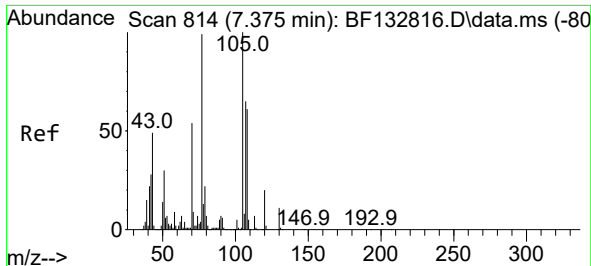
Tgt Ion:107 Resp: 492556
Ion Ratio Lower Upper
107 100
108 115.5 92.6 139.0
77 58.0 38.6 57.8#
79 53.8 37.2 55.8



#18
Hexachloroethane
Concen: 50.139 ng
RT: 7.469 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:117 Resp: 249270
Ion Ratio Lower Upper
117 100
119 95.4 77.3 115.9
201 95.5 86.4 129.6





#19

n-Nitroso-di-n-propylamine

Concen: 45.911 ng

RT: 7.381 min Scan# 815

Delta R.T. 0.006 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

Tgt Ion: 70 Resp: 382674

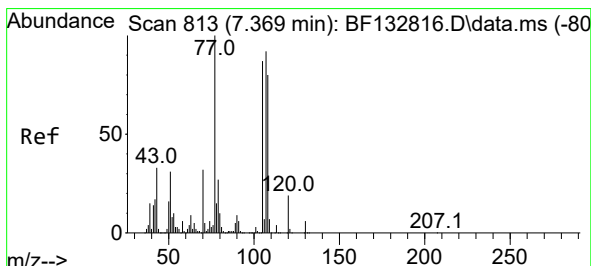
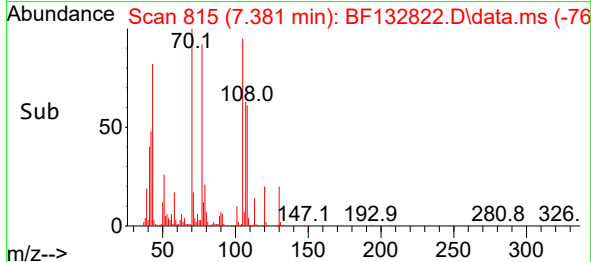
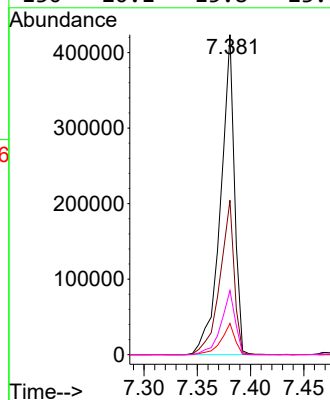
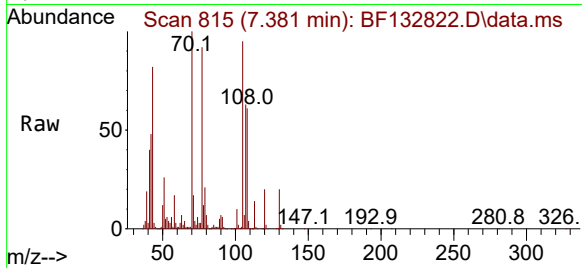
Ion Ratio Lower Upper

70 100

42 48.3 40.9 61.3

101 9.7 7.8 11.6

130 20.1 15.8 23.6



#20

3+4-Methylphenols

Concen: 43.515 ng

RT: 7.375 min Scan# 814

Delta R.T. 0.006 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Tgt Ion: 107 Resp: 571850

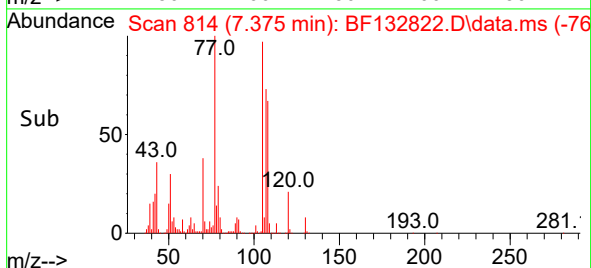
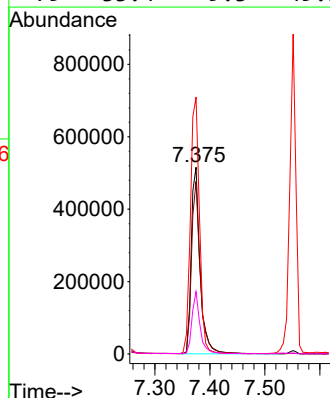
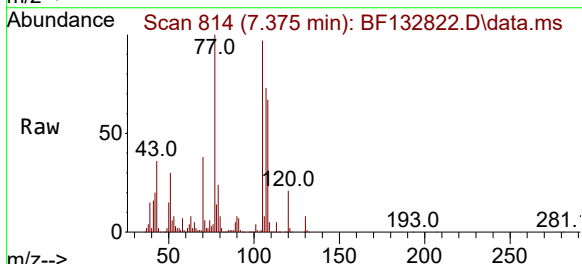
Ion Ratio Lower Upper

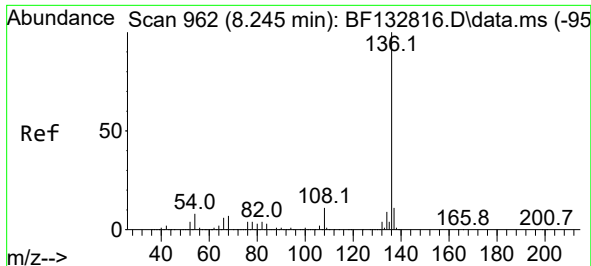
107 100

108 92.4 67.6 107.6

77 137.5 89.1 129.1#

79 33.4 9.3 49.3

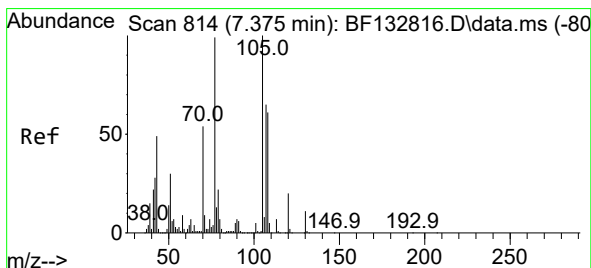
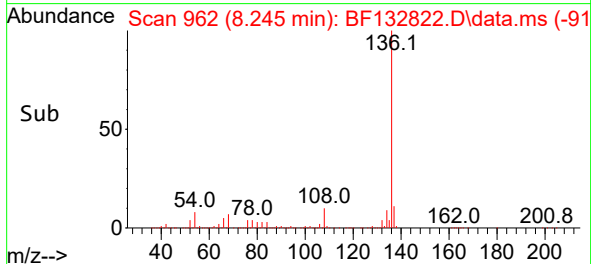
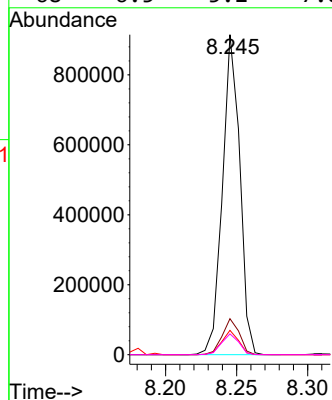
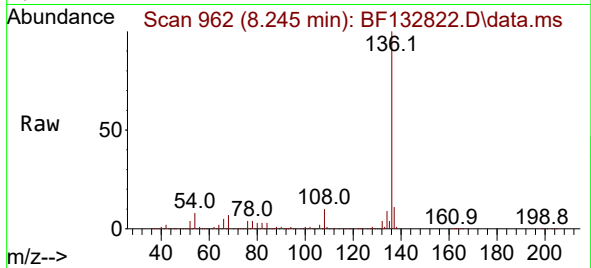




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

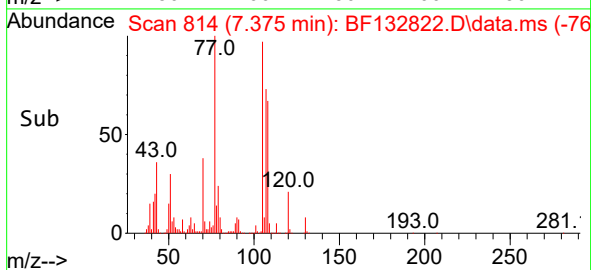
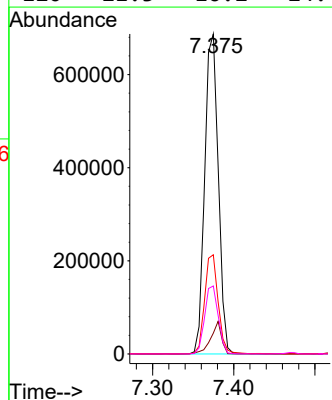
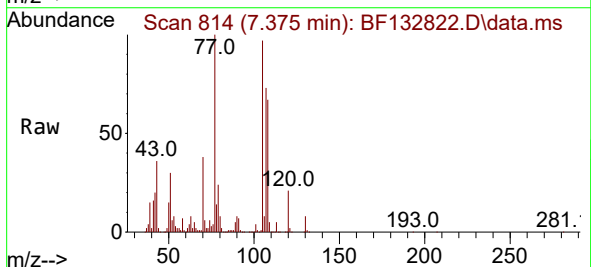
Instrument :
BNA_F
ClientSampleId :
PB151460BS

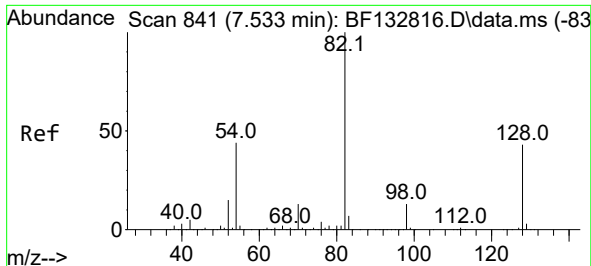
Tgt Ion:136 Resp: 774811
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.6 6.1 9.1
68 6.5 5.2 7.8



#22
Acetophenone
Concen: 43.051 ng
RT: 7.375 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:105 Resp: 796427
Ion Ratio Lower Upper
105 100
71 6.5 7.3 10.9#
51 31.0 23.9 35.9
120 21.3 16.2 24.4

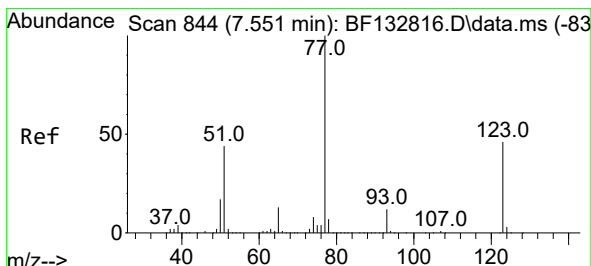
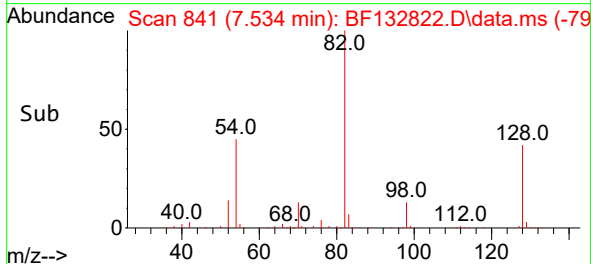
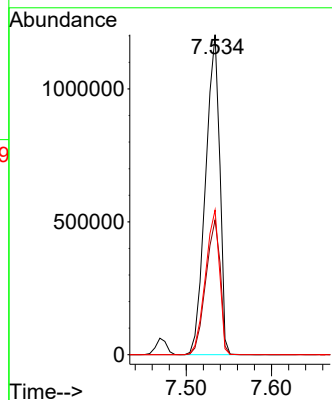
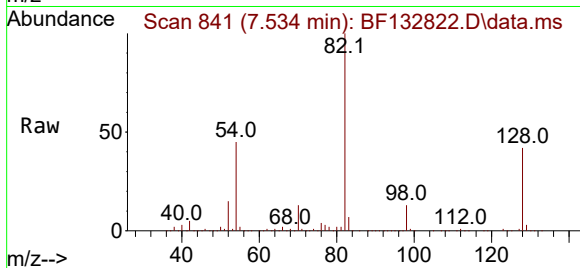




#23
Nitrobenzene-d5
Concen: 91.822 ng
RT: 7.534 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

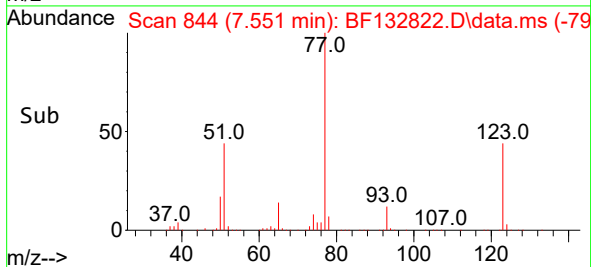
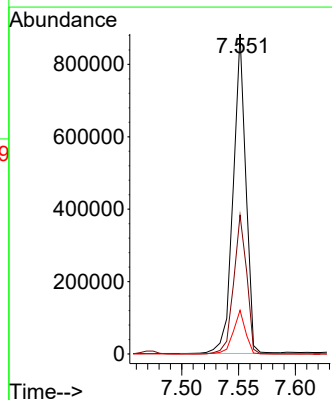
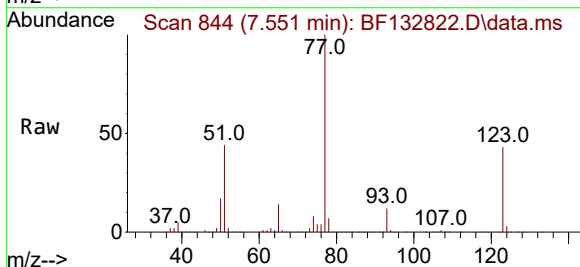
Instrument :
BNA_F
ClientSampleId :
PB151460BS

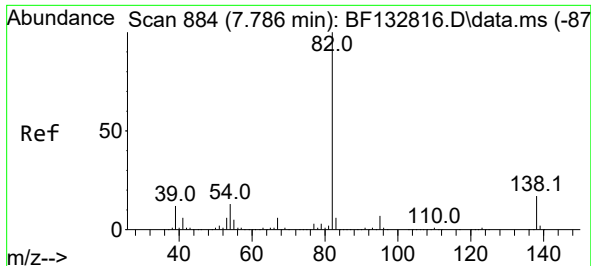
Tgt Ion: 82 Resp: 1390219
Ion Ratio Lower Upper
82 100
128 42.1 34.4 51.6
54 45.2 35.2 52.8



#24
Nitrobenzene
Concen: 41.832 ng
RT: 7.551 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion: 77 Resp: 684732
Ion Ratio Lower Upper
77 100
123 43.4 36.4 54.6
65 13.6 10.3 15.5

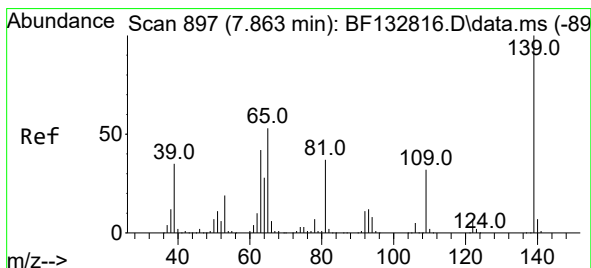
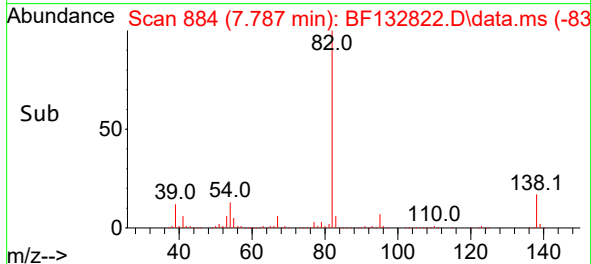
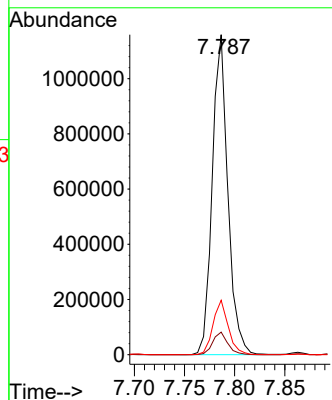
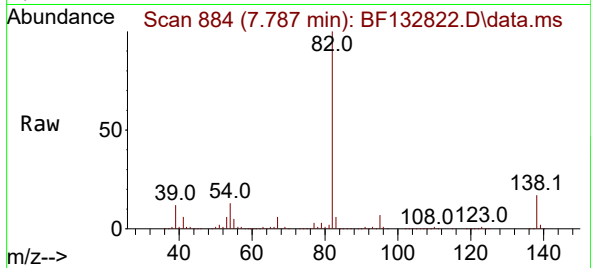




#25
Isophorone
Concen: 42.177 ng
RT: 7.787 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

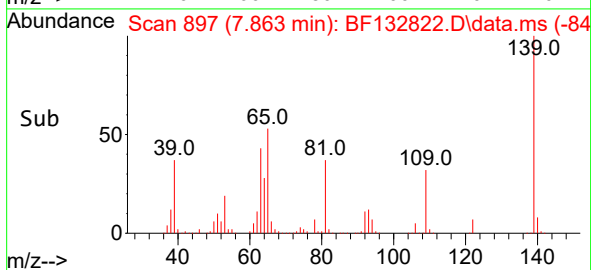
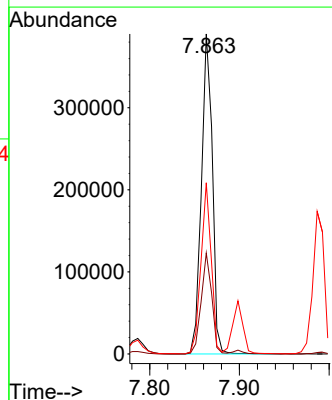
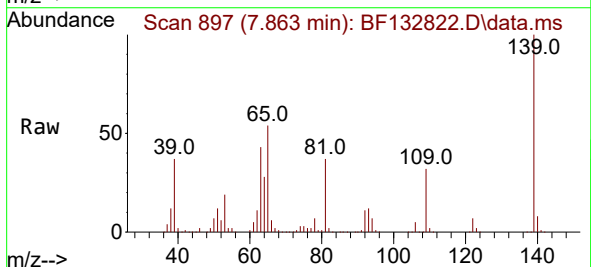
Instrument :
BNA_F
ClientSampleId :
PB151460BS

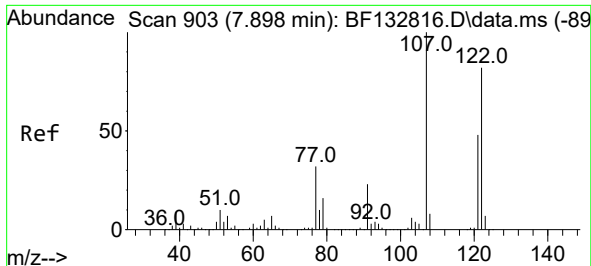
Tgt Ion: 82 Resp: 1255344
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.0 13.7 20.5



#26
2-Nitrophenol
Concen: 43.285 ng
RT: 7.863 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion: 139 Resp: 330030
Ion Ratio Lower Upper
139 100
109 31.6 25.8 38.8
65 53.5 42.7 64.1

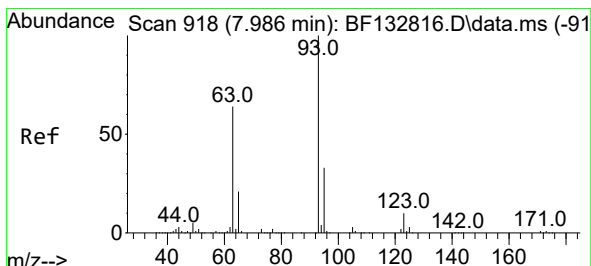
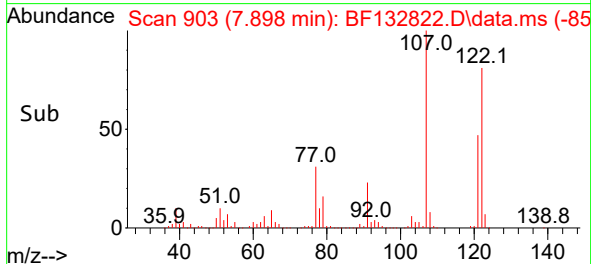
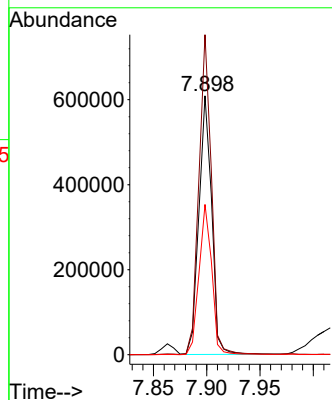
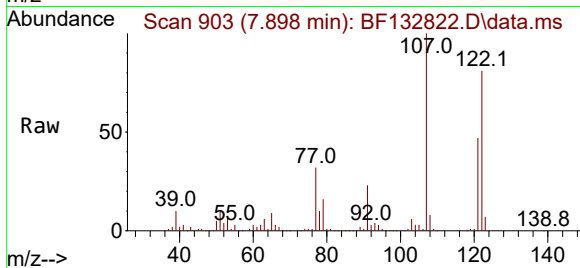




#27
2,4-Dimethylphenol
Concen: 42.991 ng
RT: 7.898 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

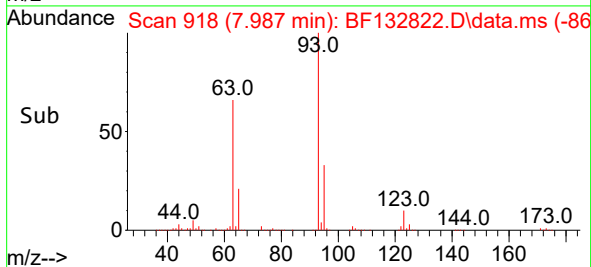
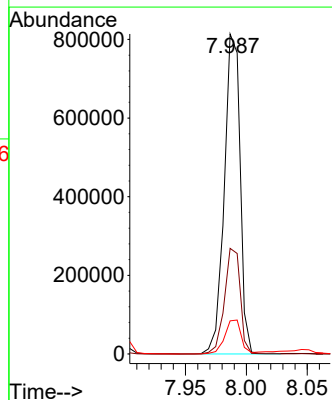
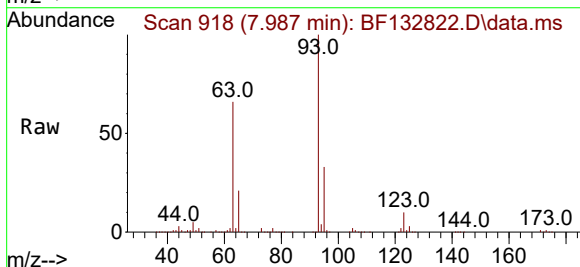
Instrument :
BNA_F
ClientSampleId :
PB151460BS

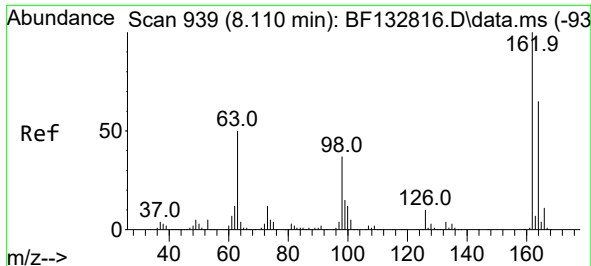
Tgt Ion:122 Resp: 507842
Ion Ratio Lower Upper
122 100
107 123.6 97.0 145.4
121 58.0 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.375 ng
RT: 7.987 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion: 93 Resp: 739676
Ion Ratio Lower Upper
93 100
95 33.0 26.4 39.6
123 10.3 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 46.827 ng

RT: 8.110 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

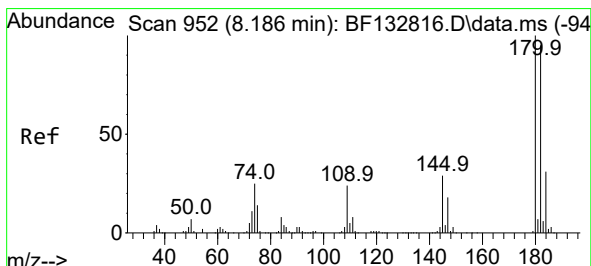
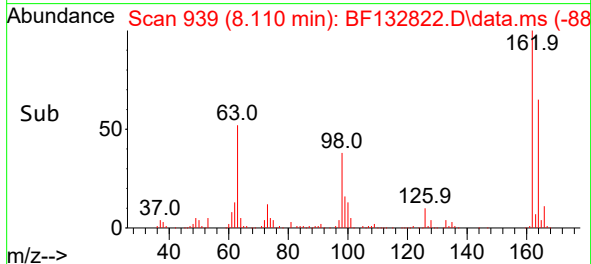
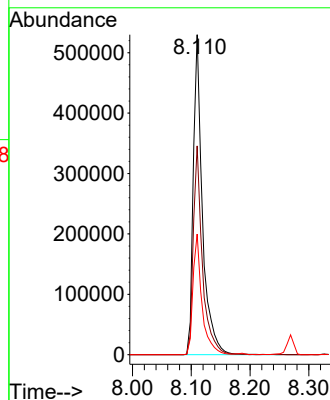
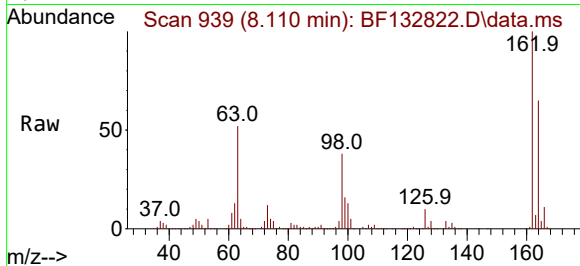
Tgt Ion:162 Resp: 572681

Ion Ratio Lower Upper

162 100

164 65.3 44.7 84.7

98 37.7 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 44.427 ng

RT: 8.187 min Scan# 952

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

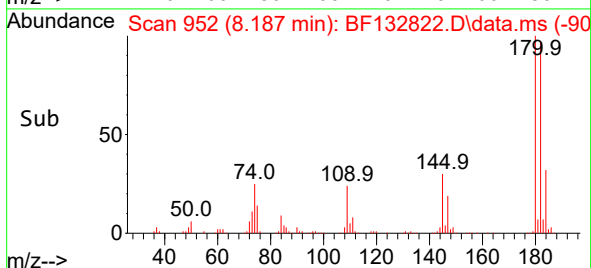
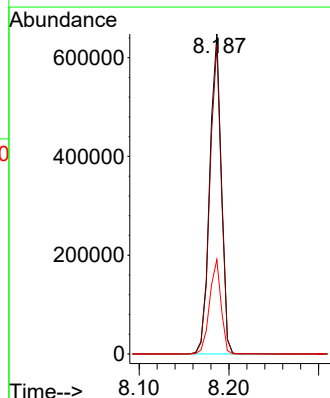
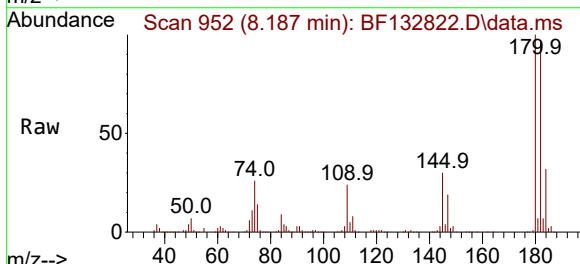
Tgt Ion:180 Resp: 581145

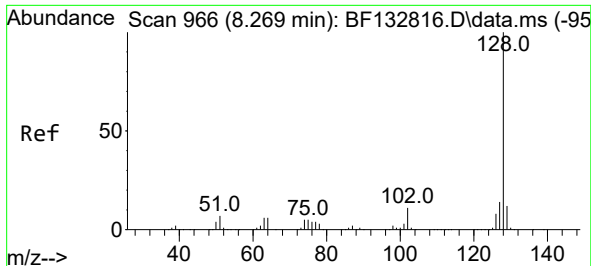
Ion Ratio Lower Upper

180 100

182 96.7 75.9 113.9

145 29.5 23.0 34.4

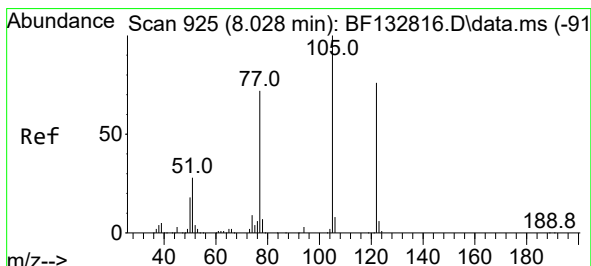
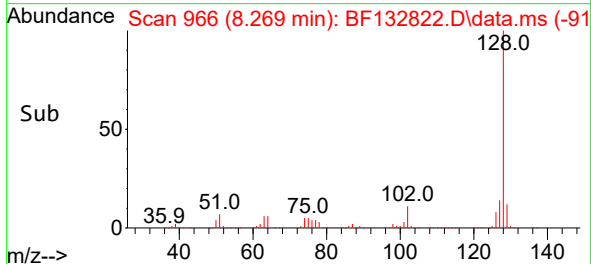
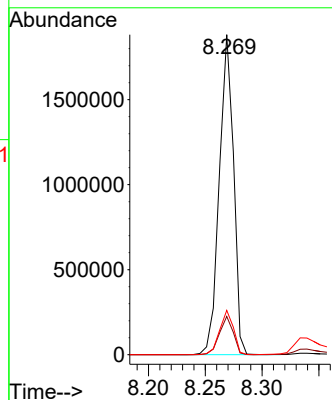
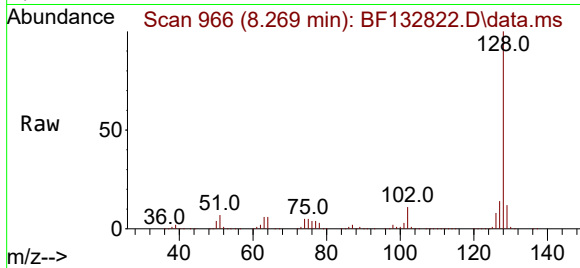




#31
Naphthalene
Concen: 42.348 ng
RT: 8.269 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

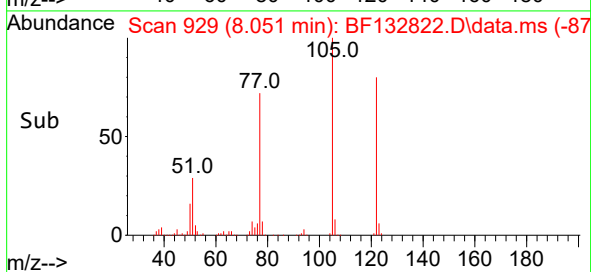
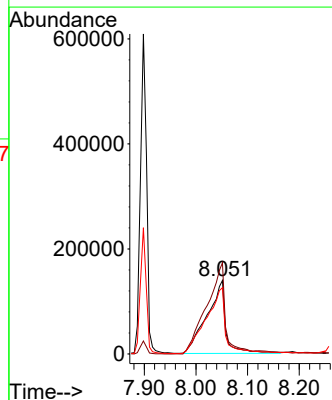
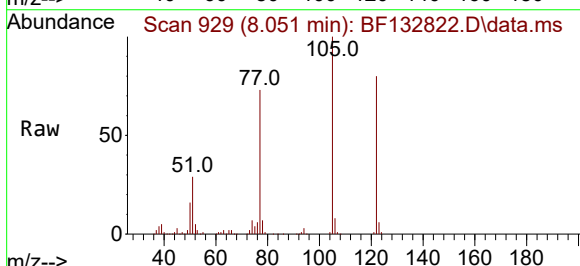
Instrument :
BNA_F
ClientSampleId :
PB151460BS

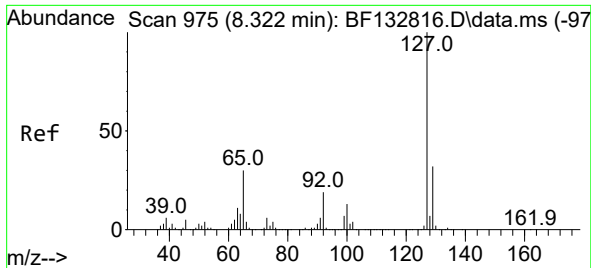
Tgt Ion:128 Resp: 1646075
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.2
127 13.8 11.1 16.7



#32
Benzoic acid
Concen: 48.168 ng
RT: 8.051 min Scan# 929
Delta R.T. 0.023 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:122 Resp: 351914
Ion Ratio Lower Upper
122 100
105 124.4 110.8 150.8
77 90.3 74.2 114.2

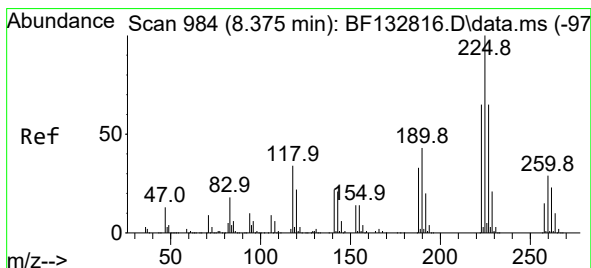
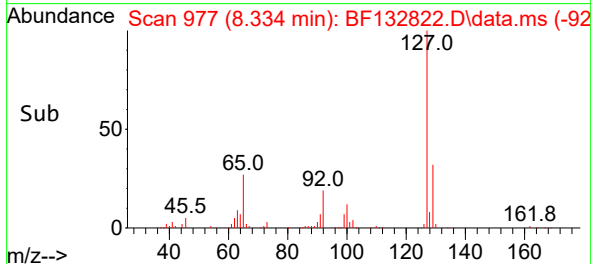
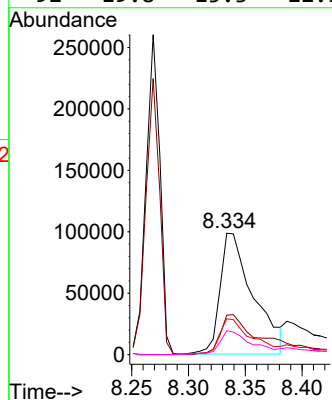
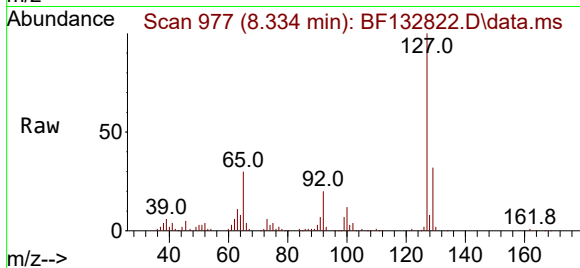




#33
4-Chloroaniline
Concen: 11.795 ng
RT: 8.334 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

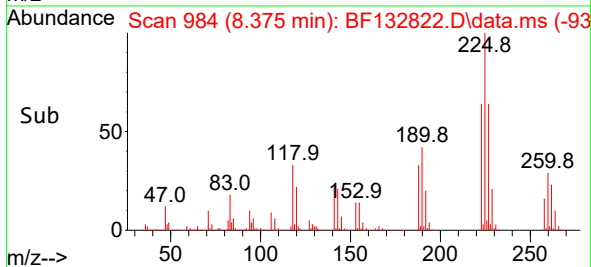
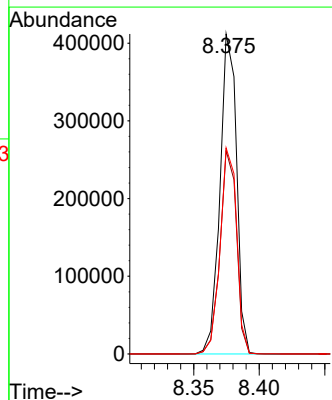
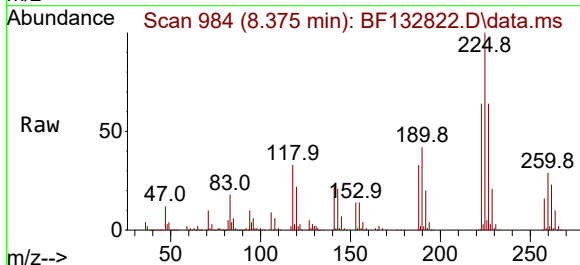
Instrument :
BNA_F
ClientSampleId :
PB151460BS

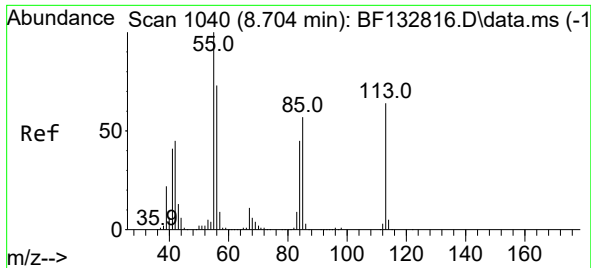
Tgt Ion:	127	Resp:	199877
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	29.5	24.1	36.1
92	19.8	15.3	22.9



#34
Hexachlorobutadiene
Concen: 43.456 ng
RT: 8.375 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:	225	Resp:	360657
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.8	77.6
227	64.4	52.2	78.2

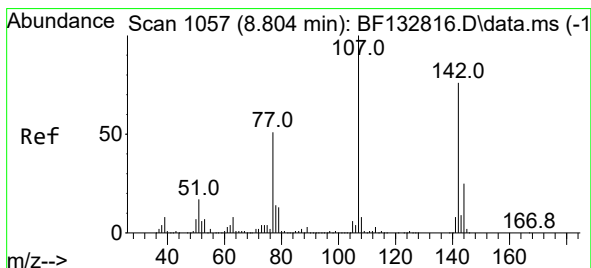
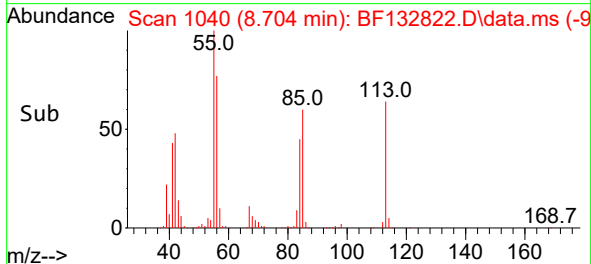
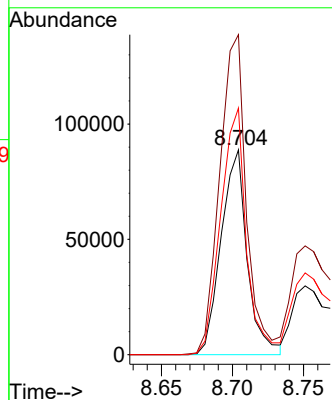
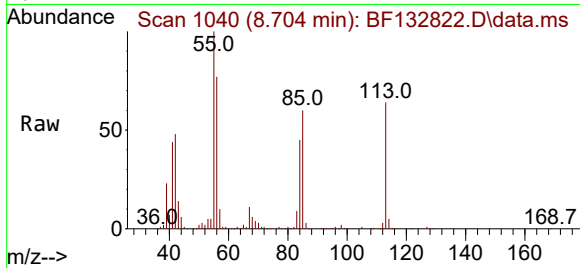




#35
 Caprolactam
 Concen: 30.265 ng
 RT: 8.704 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: BF132822.D
 Acq: 16 Mar 2023 21:13

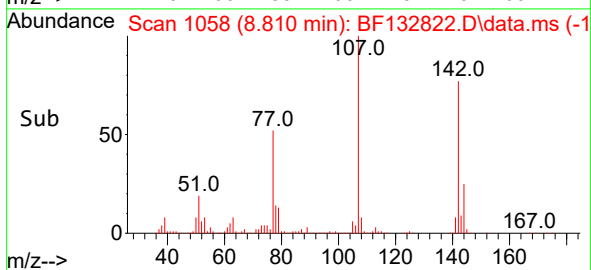
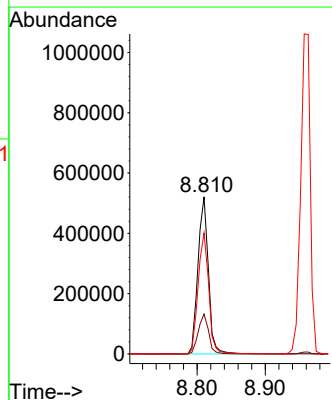
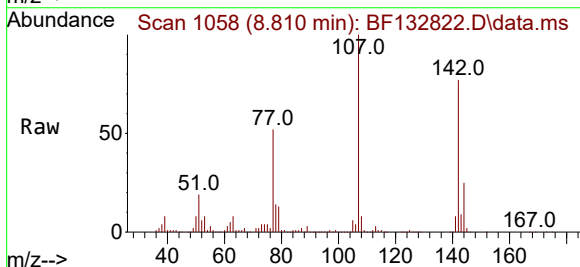
Instrument :
 BNA_F
 ClientSampleId :
 PB151460BS

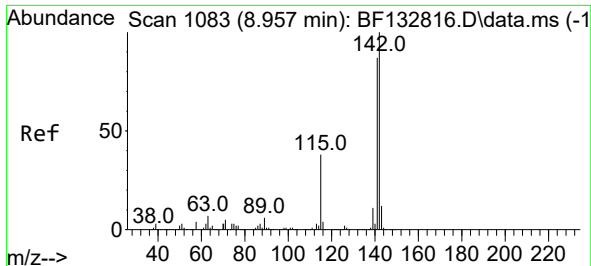
Tgt Ion:113 Resp: 113478
 Ion Ratio Lower Upper
 113 100
 55 156.3 136.3 176.3
 56 120.4 94.7 134.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.731 ng
 RT: 8.810 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: BF132822.D
 Acq: 16 Mar 2023 21:13

Tgt Ion:107 Resp: 556384
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.0 30.0
 142 77.0 61.1 91.7





#37

2-Methylnaphthalene

Concen: 39.954 ng

RT: 8.957 min Scan# 1083

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

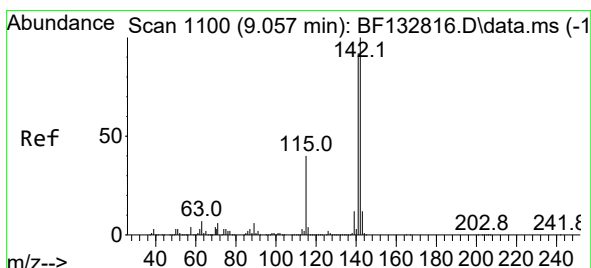
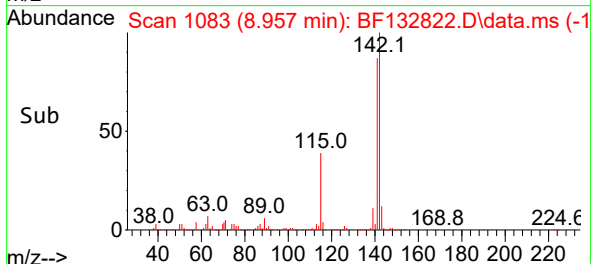
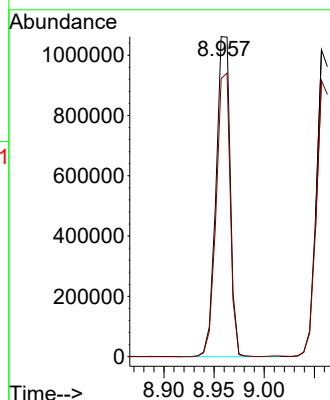
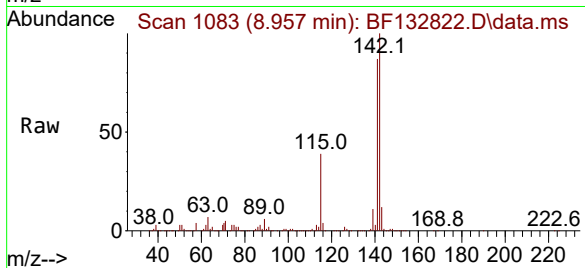
PB151460BS

Tgt Ion:142 Resp: 1041478

Ion Ratio Lower Upper

142 100

141 86.9 69.3 103.9



#38

1-Methylnaphthalene

Concen: 39.303 ng

RT: 9.057 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BF132822.D

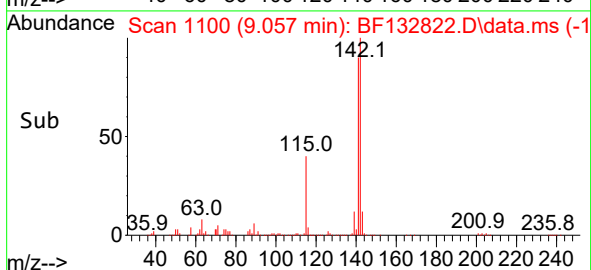
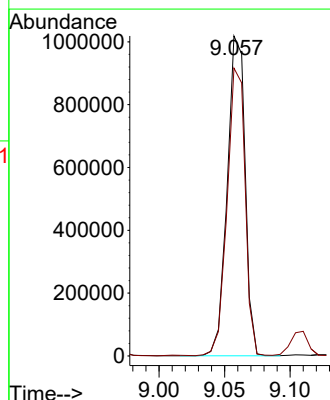
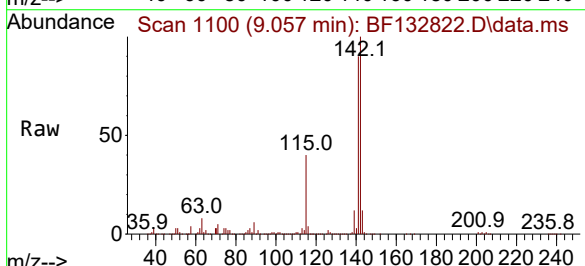
Acq: 16 Mar 2023 21:13

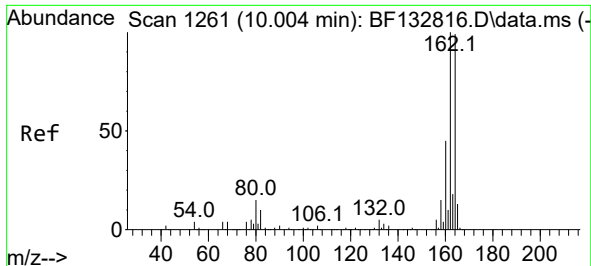
Tgt Ion:142 Resp: 964620

Ion Ratio Lower Upper

142 100

141 89.9 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1126

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

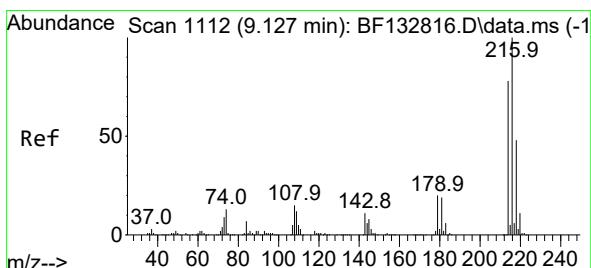
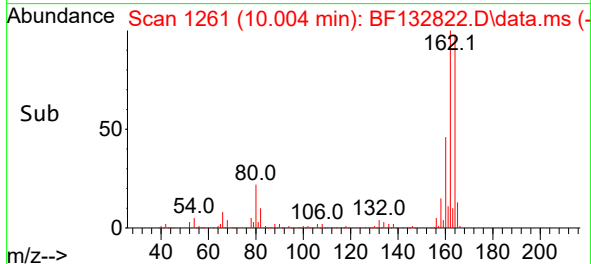
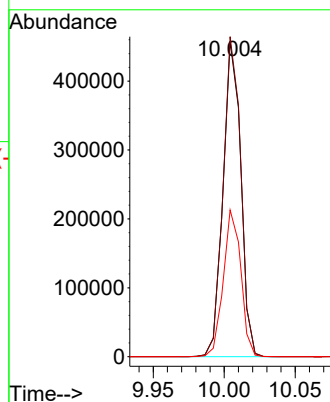
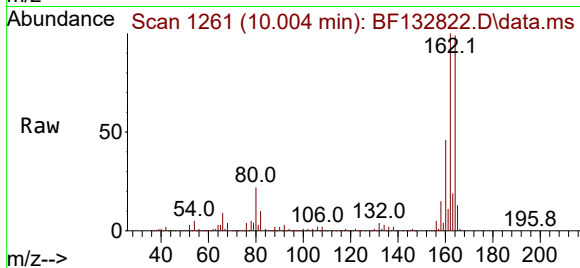
Tgt Ion:164 Resp: 396667

Ion Ratio Lower Upper

164 100

162 101.5 80.6 121.0

160 46.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.972 ng

RT: 9.128 min Scan# 1112

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Tgt Ion:216 Resp: 598209

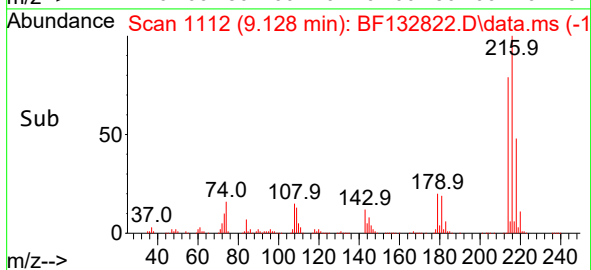
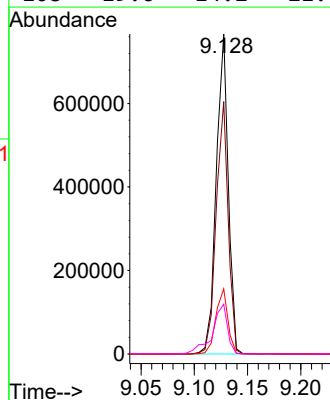
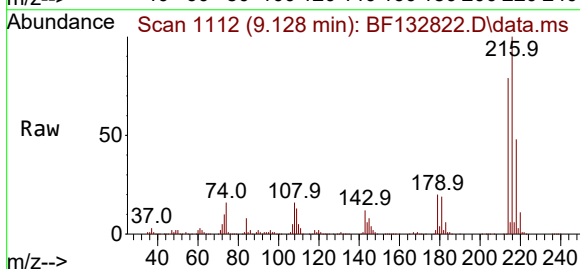
Ion Ratio Lower Upper

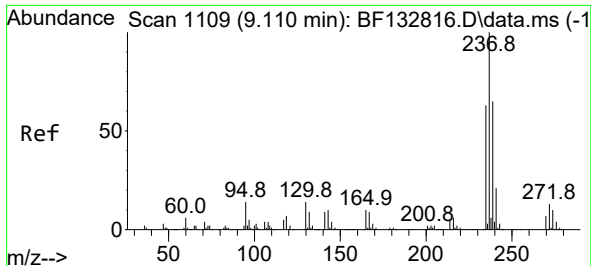
216 100

214 79.0 64.3 96.5

179 20.3 16.2 24.4

108 19.6 14.2 21.4

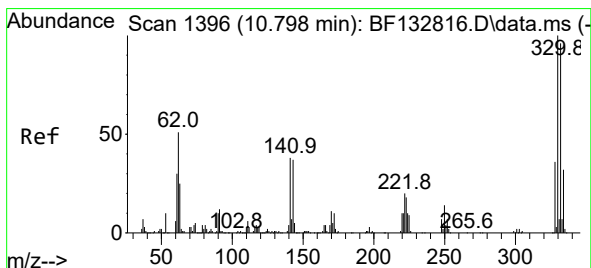
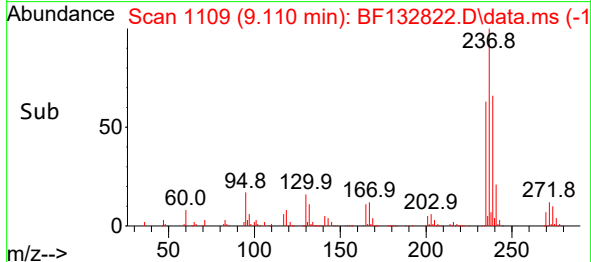
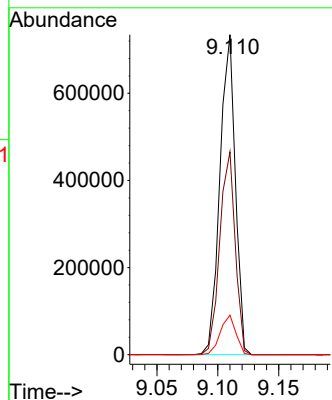
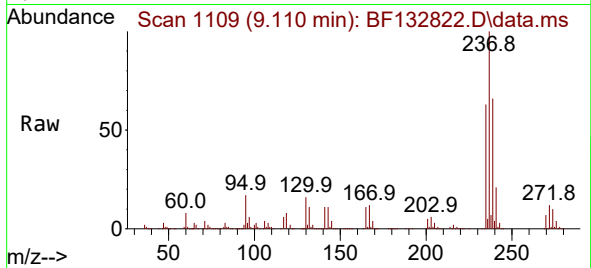




#41
Hexachlorocyclopentadiene
Concen: 102.221 ng
RT: 9.110 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

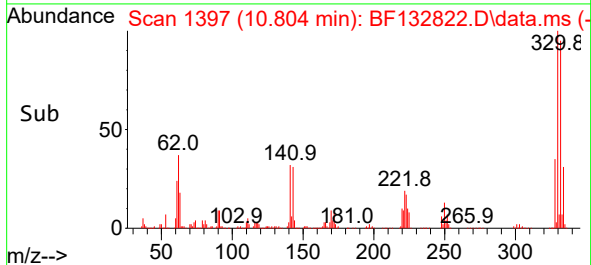
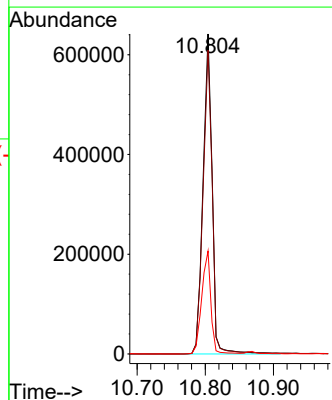
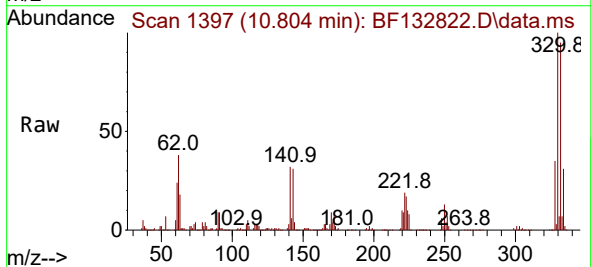
Instrument :
BNA_F
ClientSampleId :
PB151460BS

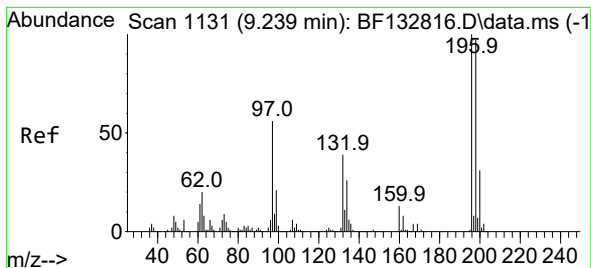
Tgt Ion:237 Resp: 650286
Ion Ratio Lower Upper
237 100
235 63.4 43.3 83.3
272 12.4 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 142.007 ng
RT: 10.804 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:330 Resp: 598801
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 32.2 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 46.739 ng

RT: 9.245 min Scan# 1132

Delta R.T. 0.006 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

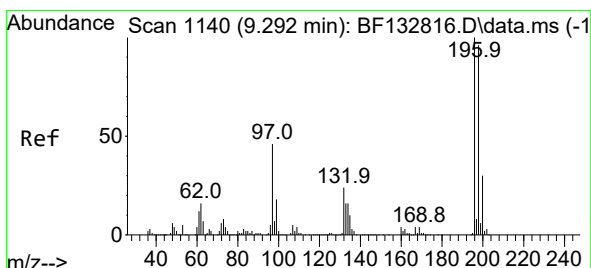
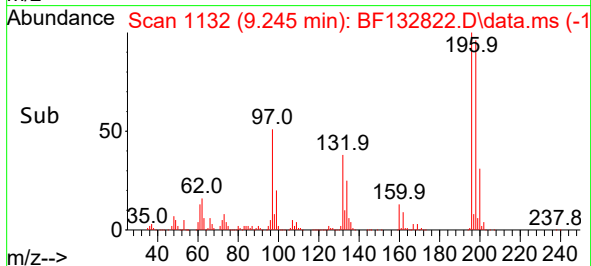
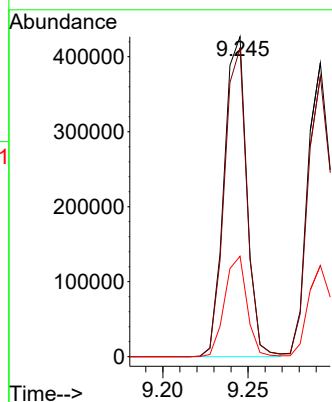
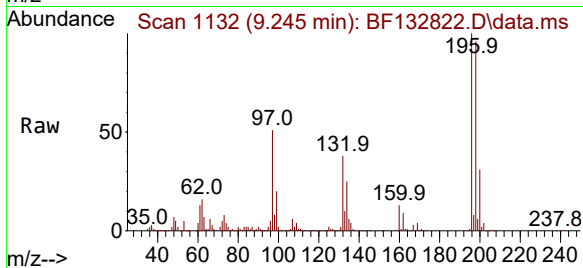
Tgt Ion:196 Resp: 396008

Ion Ratio Lower Upper

196 100

198 96.4 77.3 115.9

200 31.4 25.0 37.6



#44

2,4,5-Trichlorophenol

Concen: 44.680 ng

RT: 9.292 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Tgt Ion:196 Resp: 440753

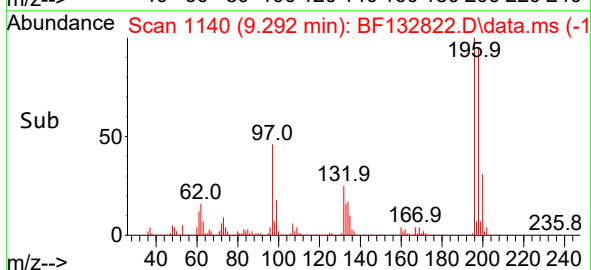
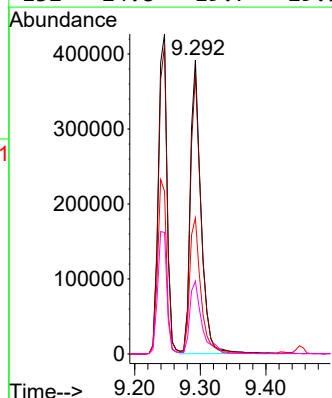
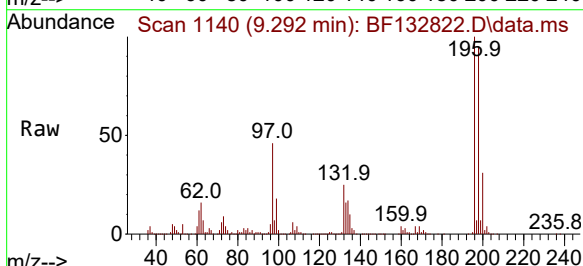
Ion Ratio Lower Upper

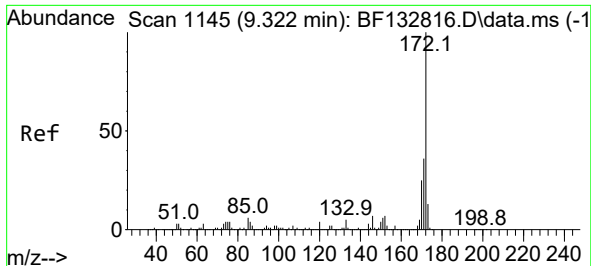
196 100

198 95.4 76.8 115.2

97 46.3 36.9 55.3

132 24.8 19.7 29.5

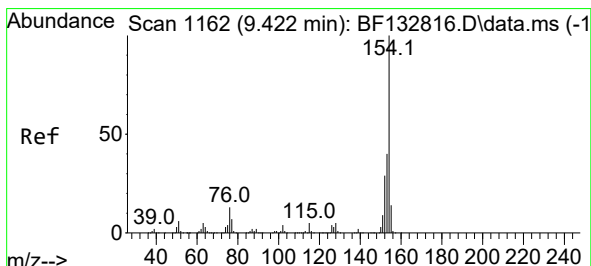
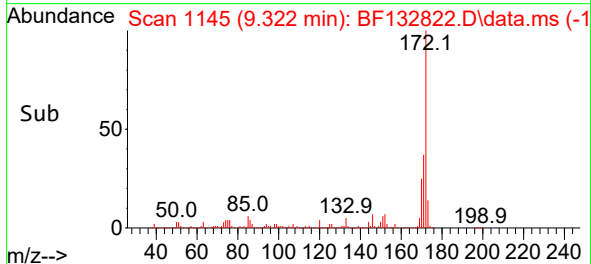
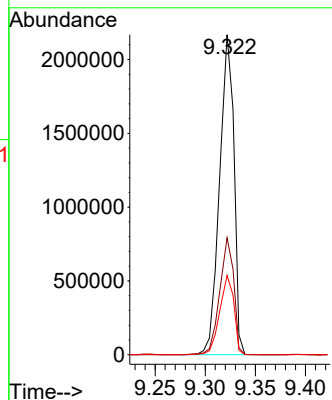
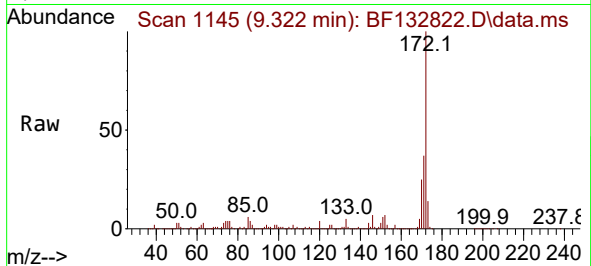




#45
2-Fluorobiphenyl
Concen: 89.258 ng
RT: 9.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

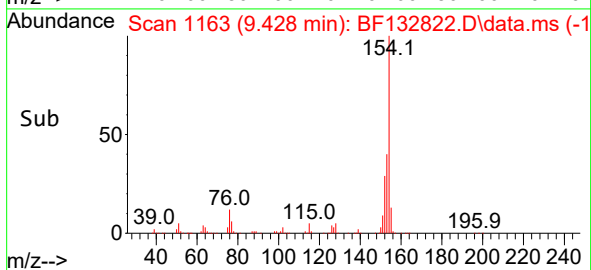
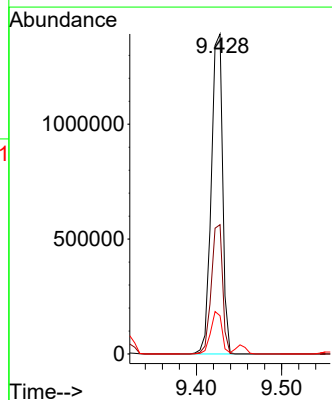
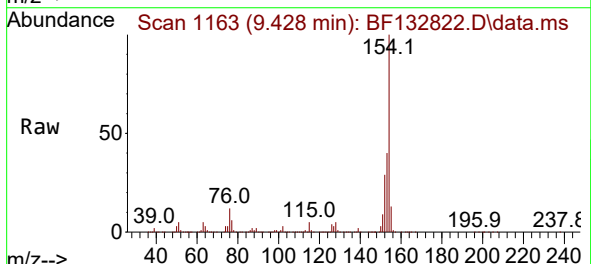
Instrument :
BNA_F
ClientSampleId :
PB151460BS

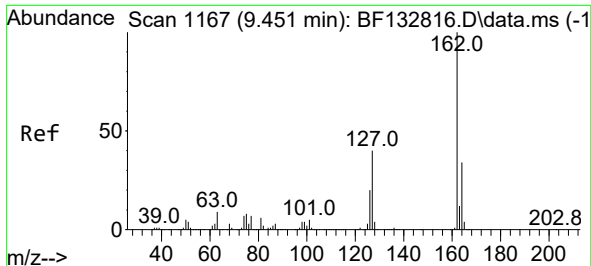
Tgt Ion:172 Resp: 2155352
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 24.8 19.8 29.8



#46
1,1'-Biphenyl
Concen: 43.676 ng
RT: 9.428 min Scan# 1163
Delta R.T. 0.006 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:154 Resp: 1285279
Ion Ratio Lower Upper
154 100
153 40.4 19.6 59.6
76 12.0 0.0 33.5

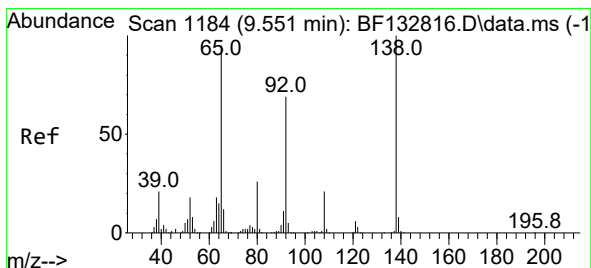
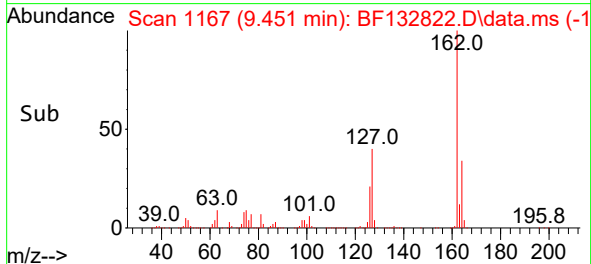
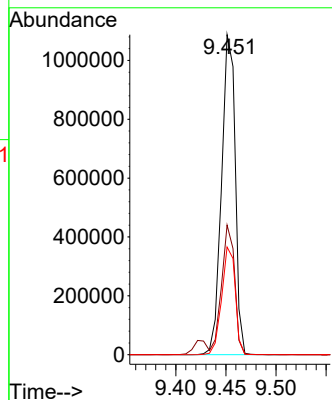
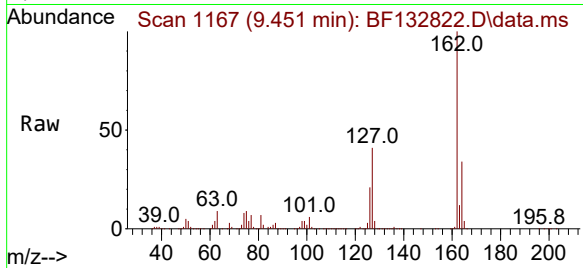




#47
2-Chloronaphthalene
Concen: 44.202 ng
RT: 9.451 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

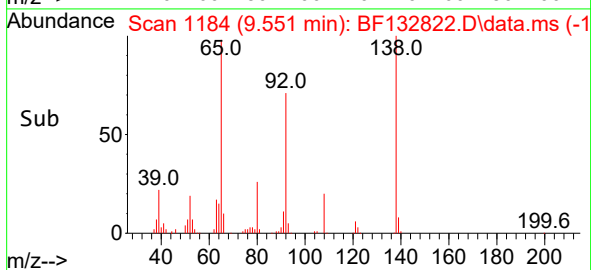
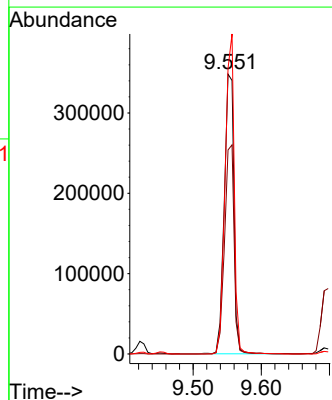
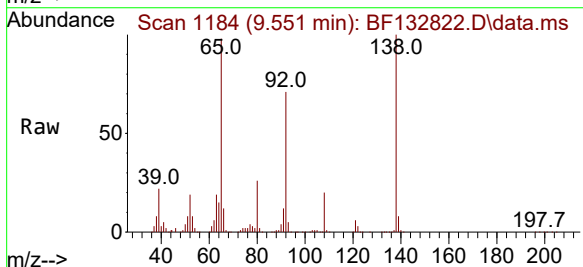
Instrument :
BNA_F
ClientSampleId :
PB151460BS

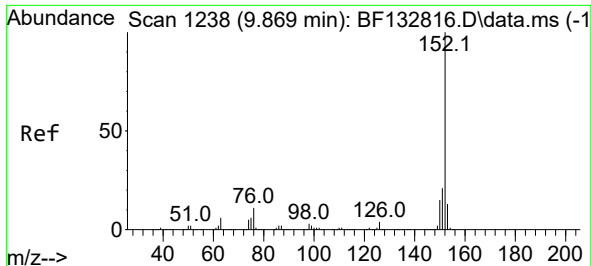
Tgt Ion:162 Resp: 1029971
Ion Ratio Lower Upper
162 100
127 40.5 32.3 48.5
164 33.6 27.2 40.8



#48
2-Nitroaniline
Concen: 44.742 ng
RT: 9.551 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion: 65 Resp: 342386
Ion Ratio Lower Upper
65 100
92 72.9 58.6 88.0
138 102.1 84.4 126.6





#49

Acenaphthylene

Concen: 44.609 ng

RT: 9.869 min Scan# 1238

Delta R.T. -0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

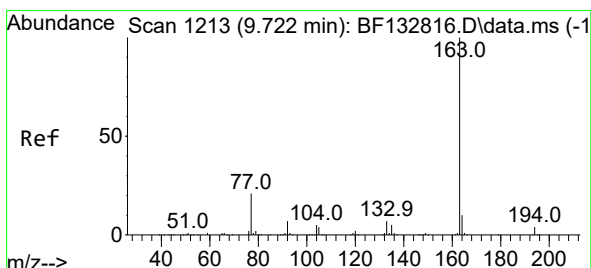
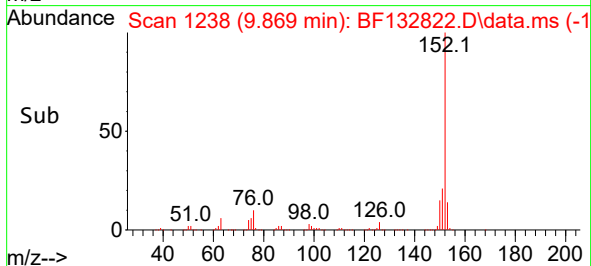
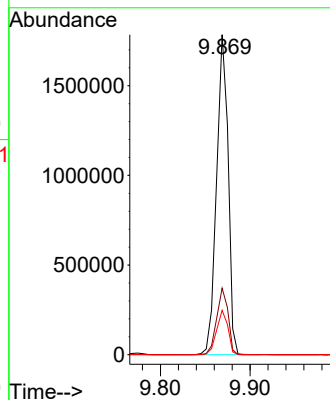
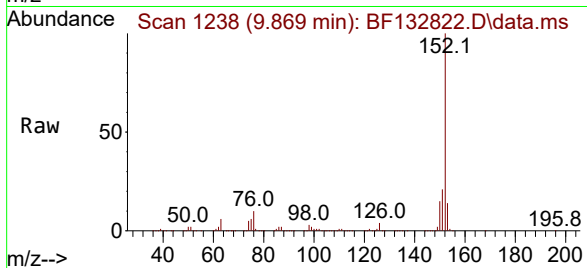
Tgt Ion:152 Resp: 1597378

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

153 13.9 10.8 16.2



#50

Dimethylphthalate

Concen: 45.805 ng

RT: 9.722 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

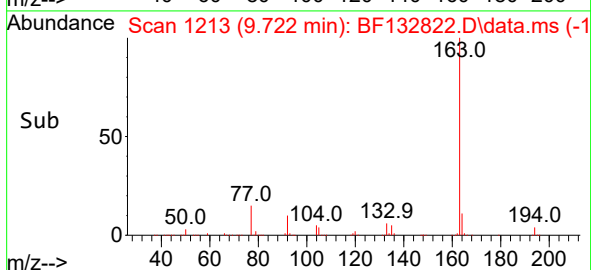
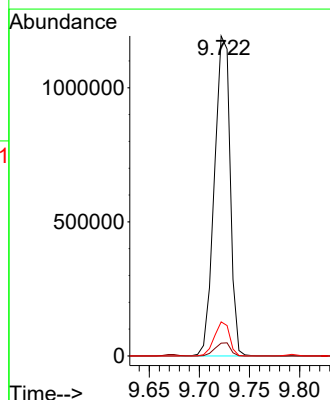
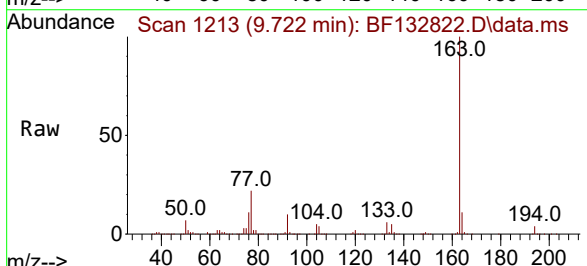
Tgt Ion:163 Resp: 1302676

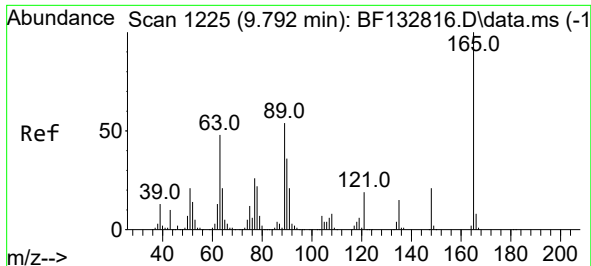
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.7 8.3 12.5

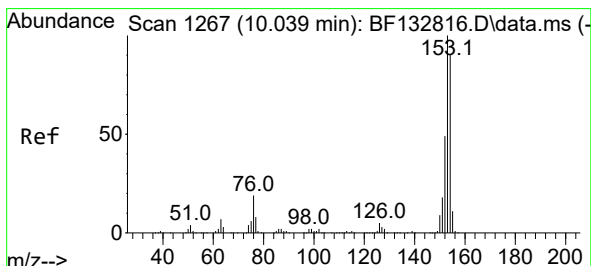
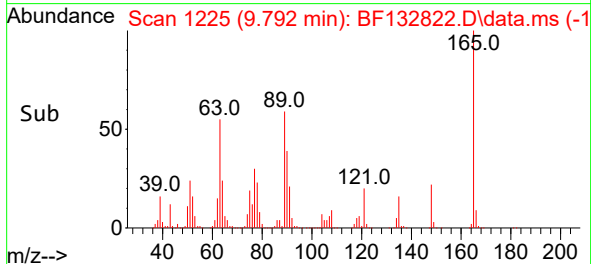
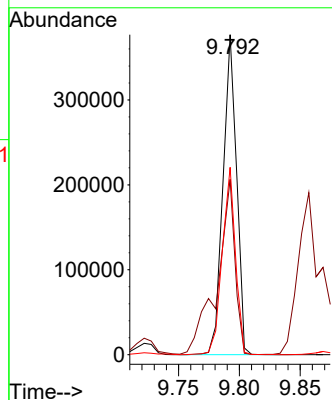
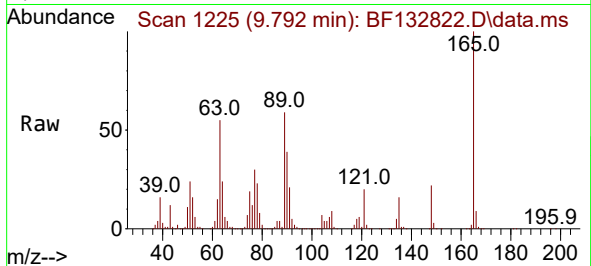




#51
2,6-Dinitrotoluene
Concen: 46.424 ng
RT: 9.792 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

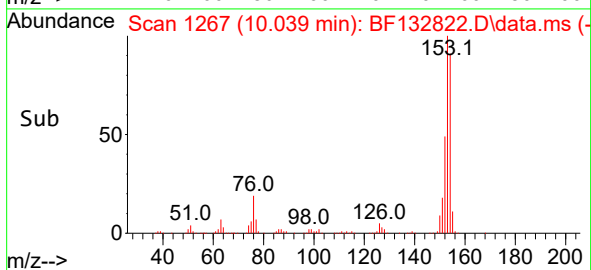
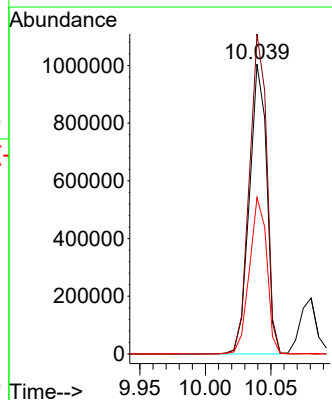
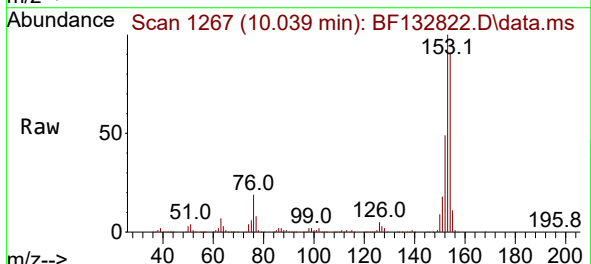
Instrument :
BNA_F
ClientSampleId :
PB151460BS

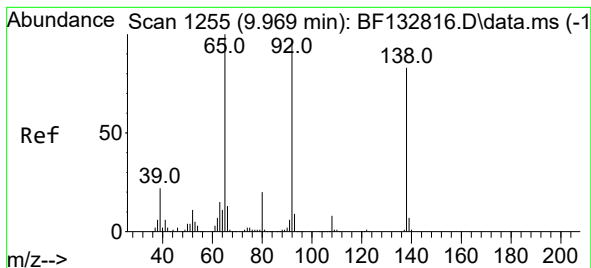
Tgt Ion:165 Resp: 291939
Ion Ratio Lower Upper
165 100
63 54.8 39.1 58.7
89 58.6 43.5 65.3



#52
Acenaphthene
Concen: 42.856 ng
RT: 10.039 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:154 Resp: 923749
Ion Ratio Lower Upper
154 100
153 110.4 89.4 134.0
152 54.0 43.4 65.2





#53

3-Nitroaniline

Concen: 34.698 ng

RT: 9.969 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

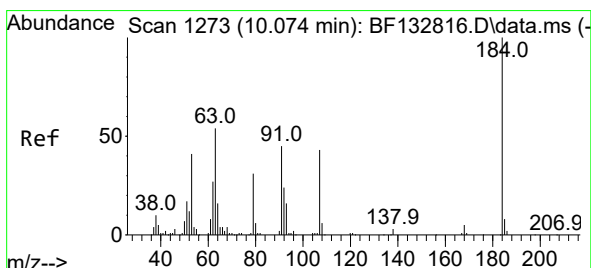
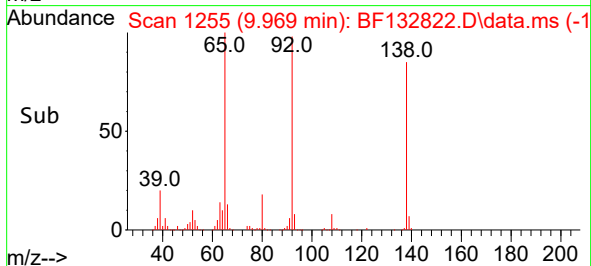
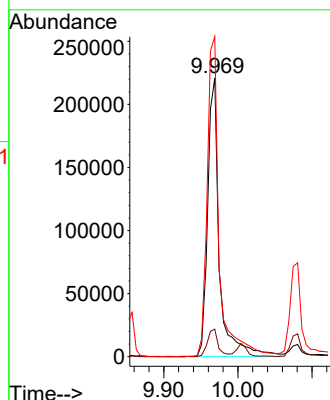
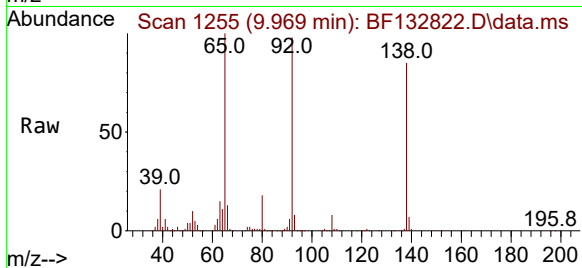
Tgt Ion:138 Resp: 243912

Ion Ratio Lower Upper

138 100

108 9.9 8.2 12.2

92 114.8 93.3 139.9



#54

2,4-Dinitrophenol

Concen: 85.866 ng

RT: 10.081 min Scan# 1274

Delta R.T. 0.007 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

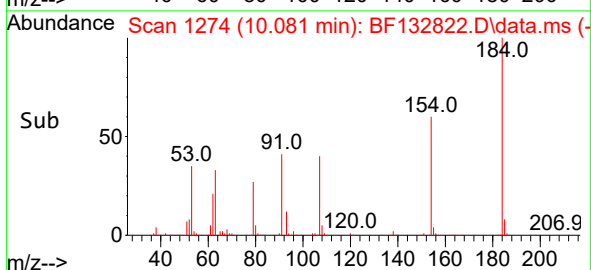
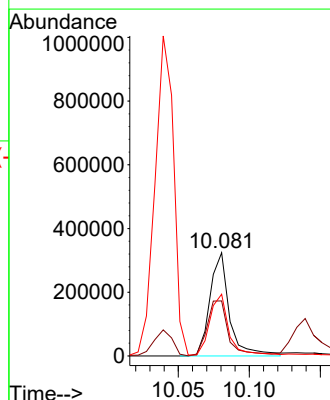
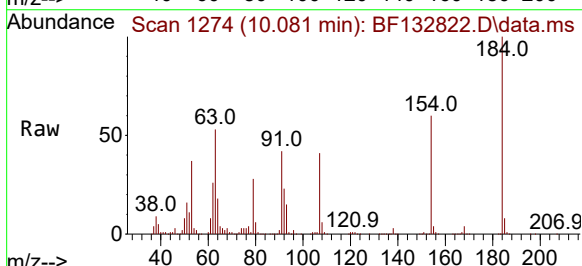
Tgt Ion:184 Resp: 308604

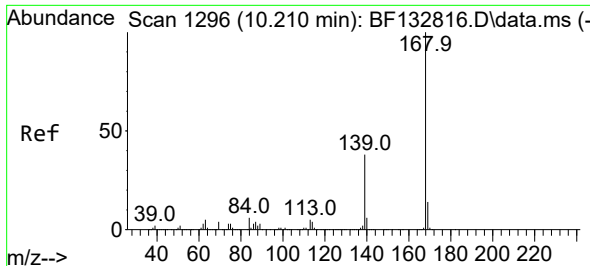
Ion Ratio Lower Upper

184 100

63 53.4 47.2 70.8

154 59.9 46.5 69.7

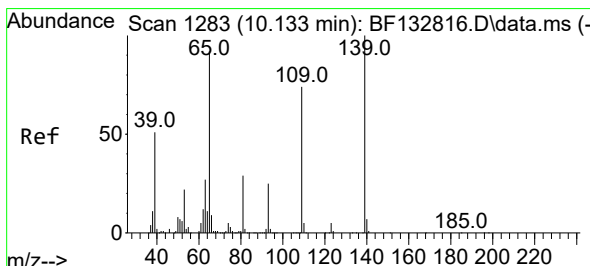
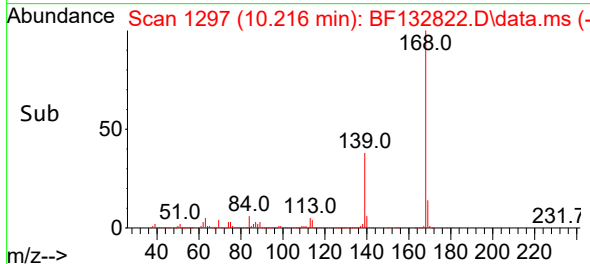
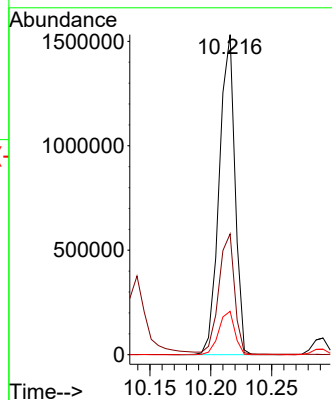
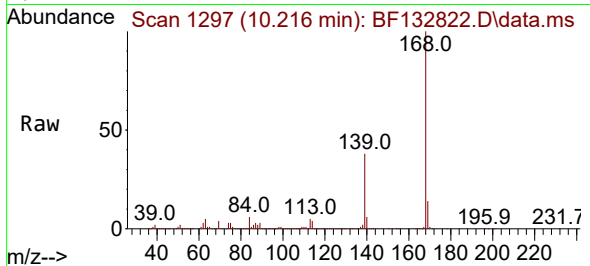




#55
Dibenzenofuran
Concen: 41.583 ng
RT: 10.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

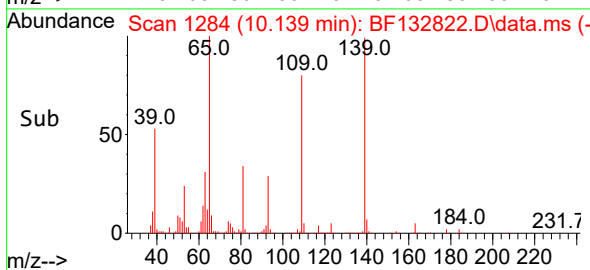
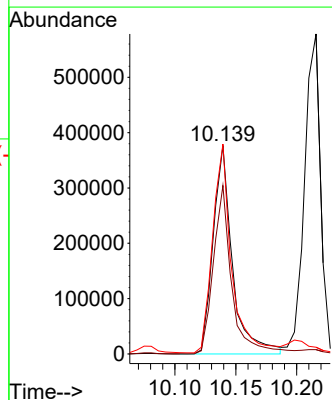
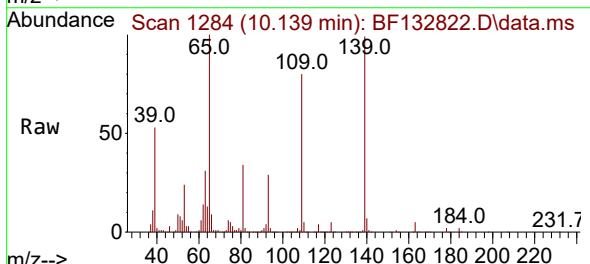
Instrument :
BNA_F
ClientSampleId :
PB151460BS

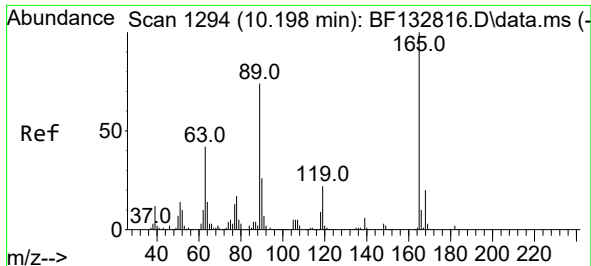
Tgt Ion:168 Resp: 1377774
Ion Ratio Lower Upper
168 100
139 37.8 31.0 46.6
169 13.6 11.3 16.9



#56
4-Nitrophenol
Concen: 99.160 ng
RT: 10.139 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:139 Resp: 415588
Ion Ratio Lower Upper
139 100
109 80.8 53.8 93.8
65 100.7 73.0 113.0





#57

2,4-Dinitrotoluene

Concen: 44.780 ng

RT: 10.204 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

Tgt Ion:165 Resp: 359714

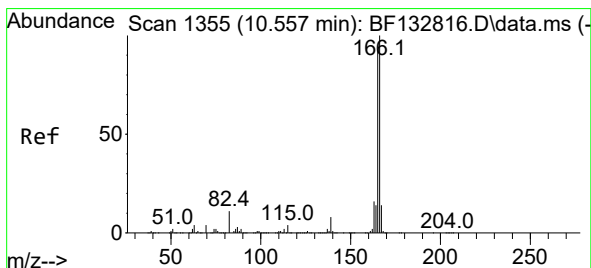
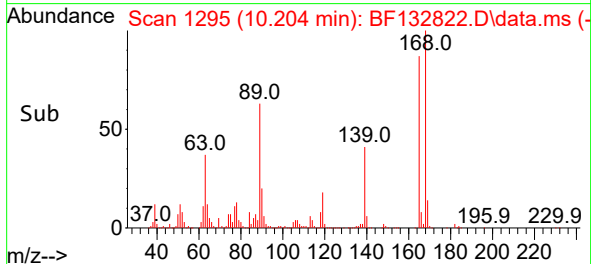
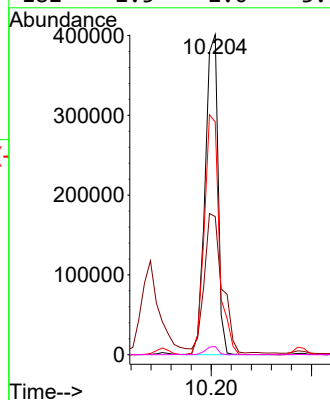
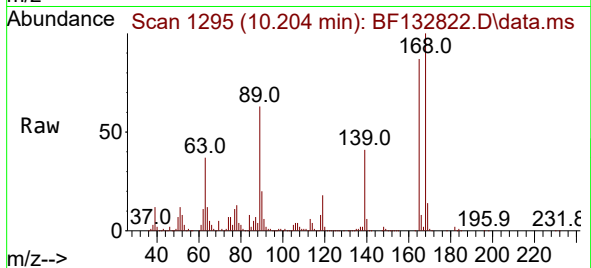
Ion Ratio Lower Upper

165 100

63 43.1 34.4 51.6

89 72.7 59.5 89.3

182 2.5 2.0 3.0



#58

Fluorene

Concen: 44.284 ng

RT: 10.557 min Scan# 1355

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

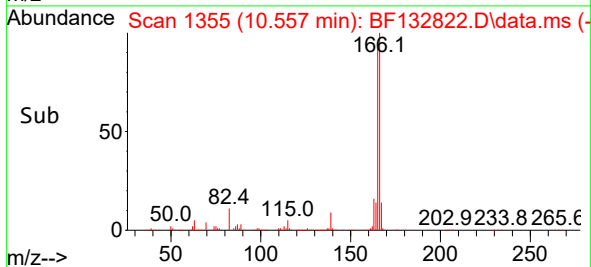
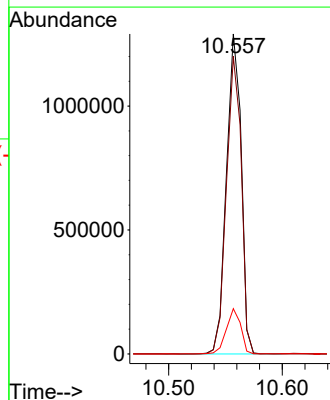
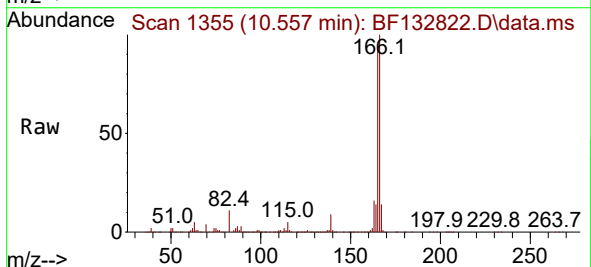
Tgt Ion:166 Resp: 1166763

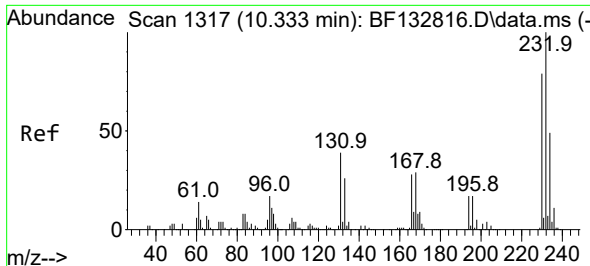
Ion Ratio Lower Upper

166 100

165 93.0 74.3 111.5

167 14.1 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.434 ng

RT: 10.333 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

Tgt Ion:232 Resp: 331969

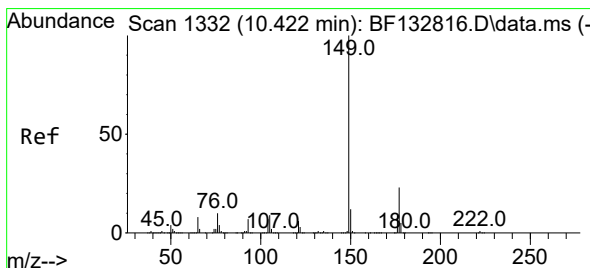
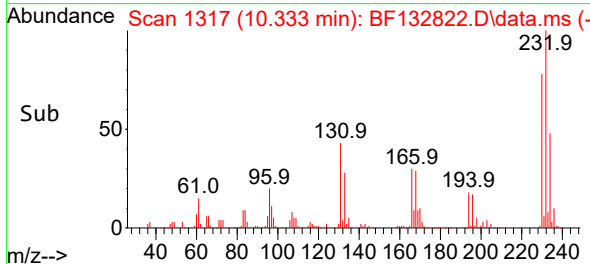
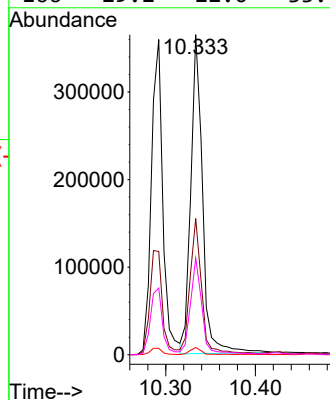
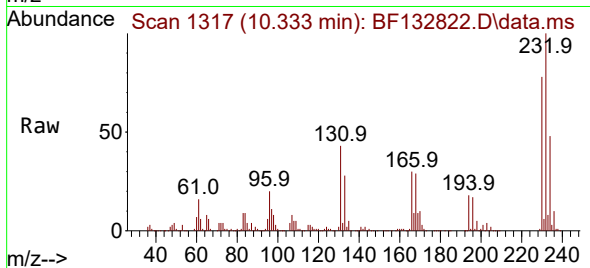
Ion Ratio Lower Upper

232 100

131 41.7 32.6 48.8

130 2.1 1.7 2.5

166 29.2 22.0 33.0



#60

Diethylphthalate

Concen: 43.579 ng

RT: 10.422 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

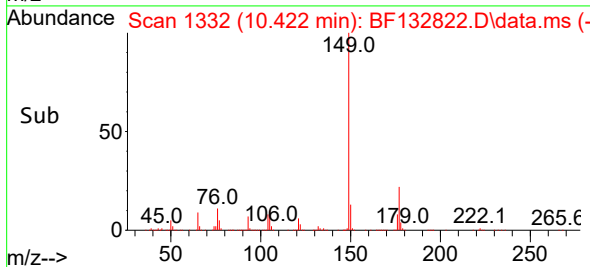
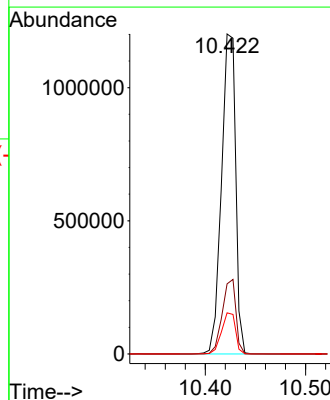
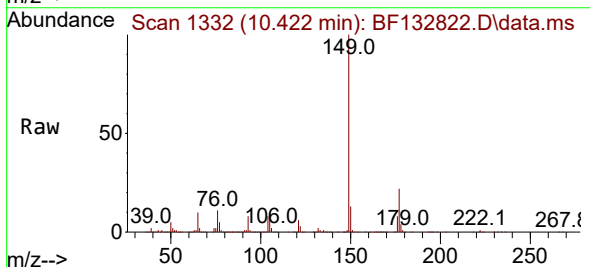
Tgt Ion:149 Resp: 1174499

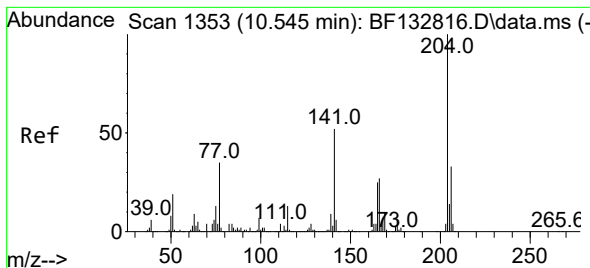
Ion Ratio Lower Upper

149 100

177 21.9 18.6 28.0

150 12.9 10.0 15.0

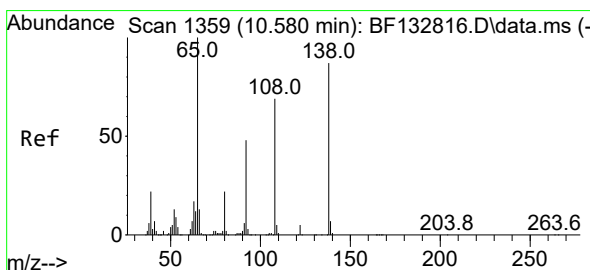
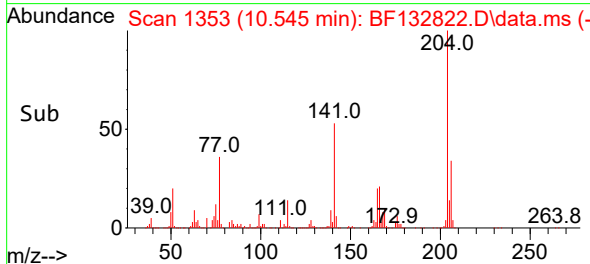
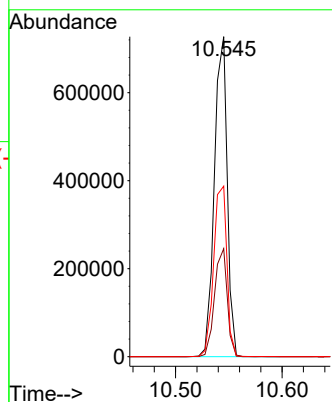
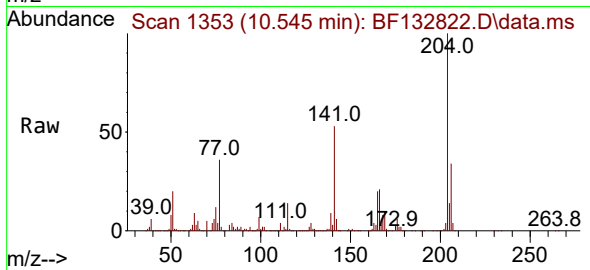




#61
4-Chlorophenyl-phenylether
Concen: 43.937 ng
RT: 10.545 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

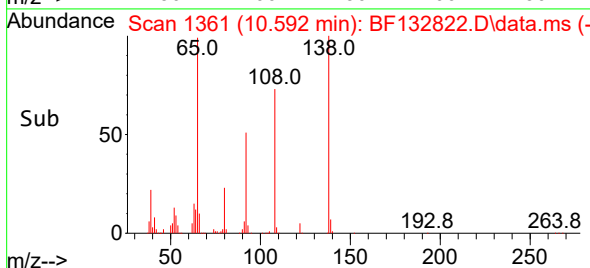
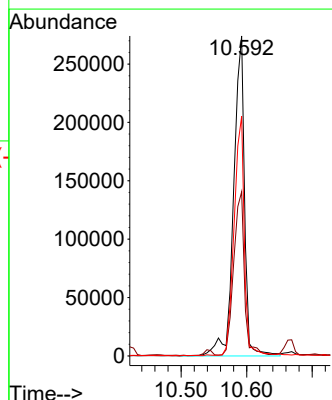
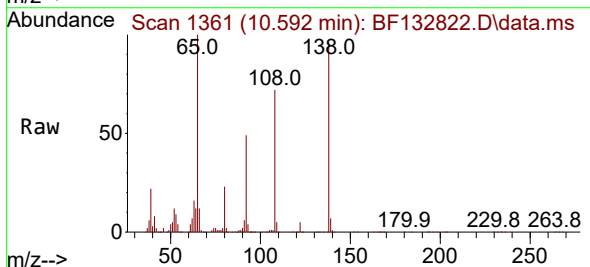
Instrument :
BNA_F
ClientSampleId :
PB151460BS

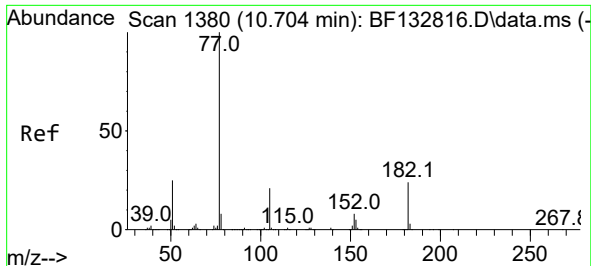
Tgt Ion:204 Resp: 607664
Ion Ratio Lower Upper
204 100
206 33.7 26.6 40.0
141 53.3 41.9 62.9



#62
4-Nitroaniline
Concen: 51.648 ng
RT: 10.592 min Scan# 1361
Delta R.T. 0.012 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:138 Resp: 317471
Ion Ratio Lower Upper
138 100
92 51.3 34.9 74.9
108 74.9 58.8 98.8



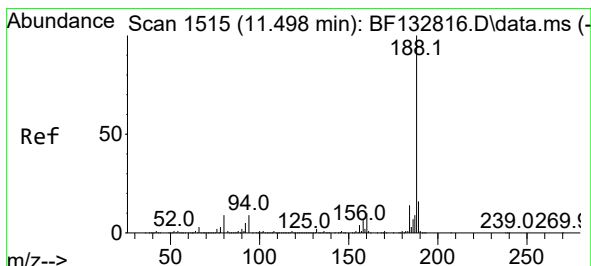
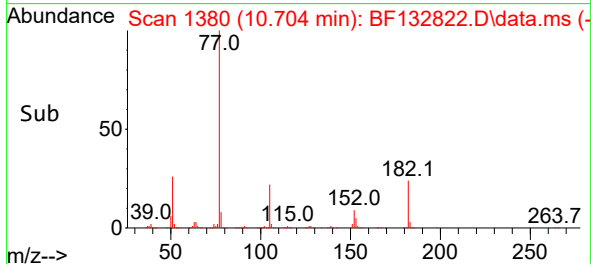
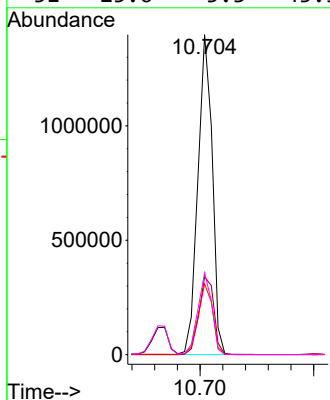
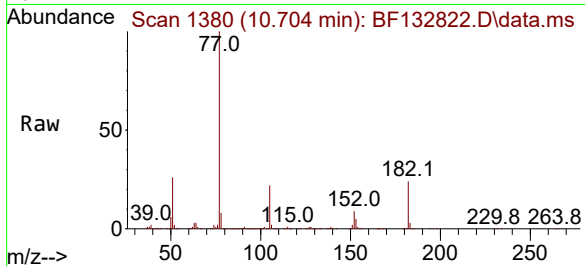


#63
Azobenzene
Concen: 44.586 ng
RT: 10.704 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Instrument :
BNA_F
ClientSampleId :
PB151460BS

Tgt Ion: 77 Resp: 1228524

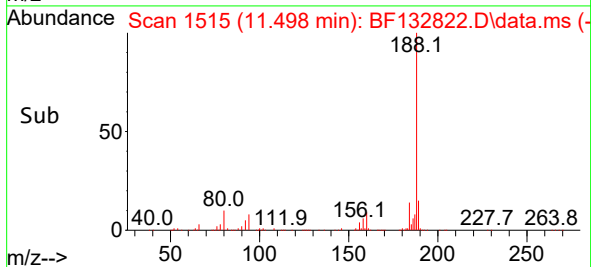
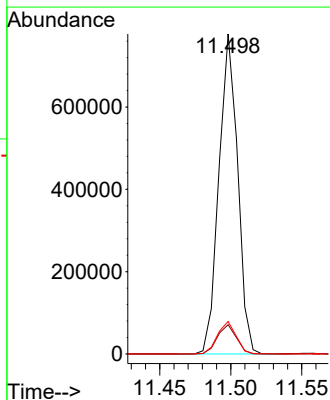
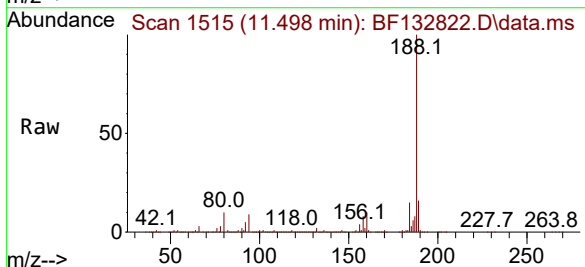
Ion	Ratio	Lower	Upper
77	100		
182	24.3	3.8	43.8
105	22.1	1.2	41.2
51	25.6	5.3	45.3

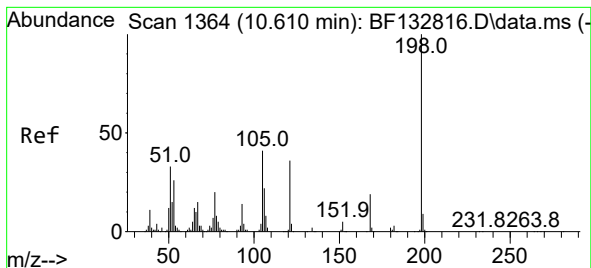


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion: 188 Resp: 713060

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.5	11.3
80	10.2	7.5	11.3

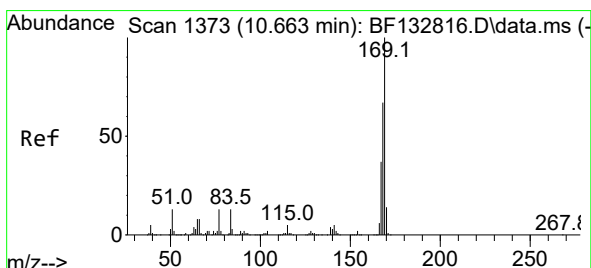
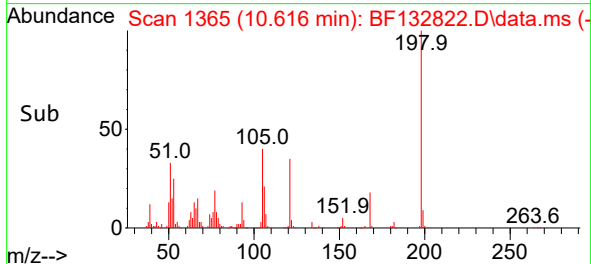
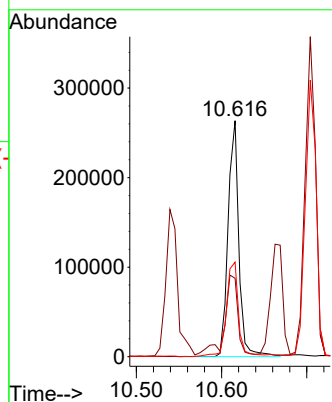
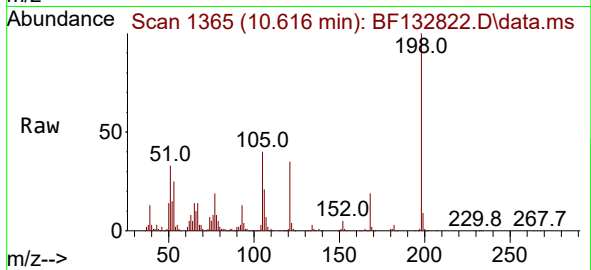




#65
4,6-Dinitro-2-methylphenol
Concen: 52.912 ng
RT: 10.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

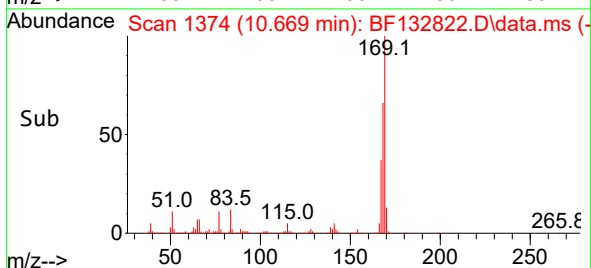
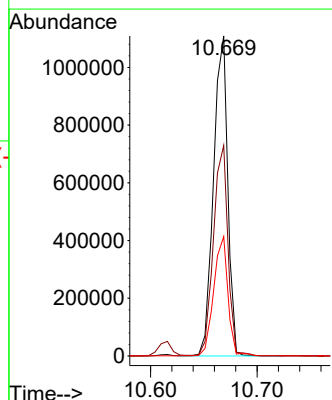
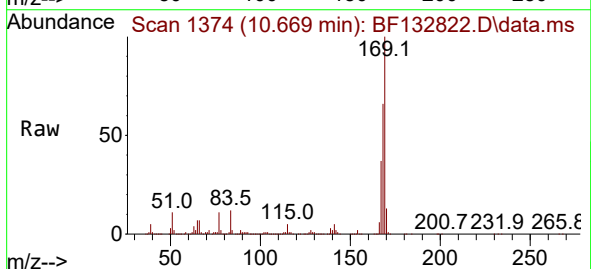
Instrument :
BNA_F
ClientSampleId :
PB151460BS

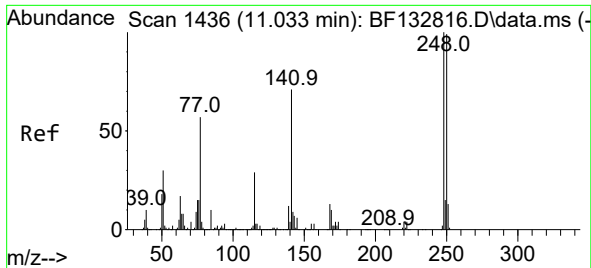
Tgt Ion:198 Resp: 231242
Ion Ratio Lower Upper
198 100
51 33.2 15.6 55.6
105 40.1 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 46.823 ng
RT: 10.669 min Scan# 1374
Delta R.T. 0.006 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:169 Resp: 1031838
Ion Ratio Lower Upper
169 100
168 65.8 54.2 81.2
167 37.3 29.6 44.4

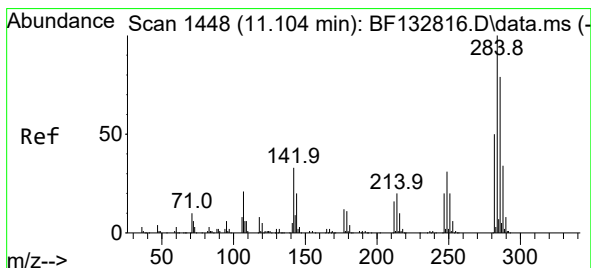
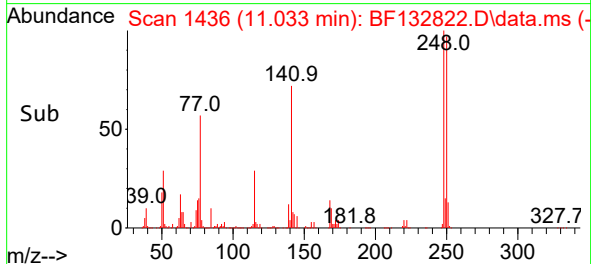
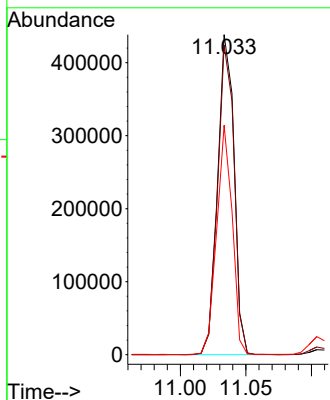
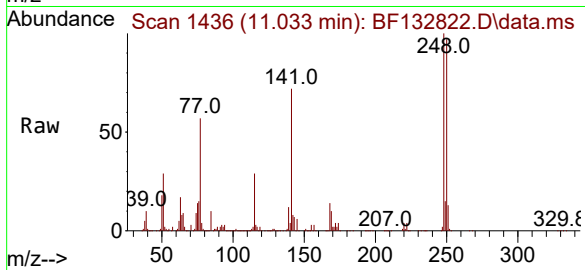




#67
4-Bromophenyl-phenylether
Concen: 46.526 ng
RT: 11.033 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

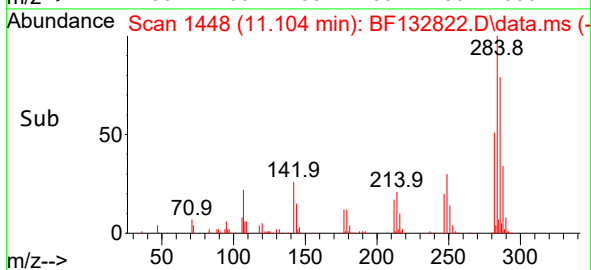
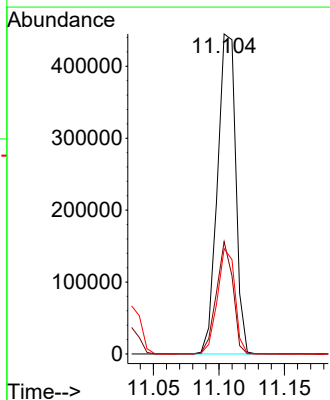
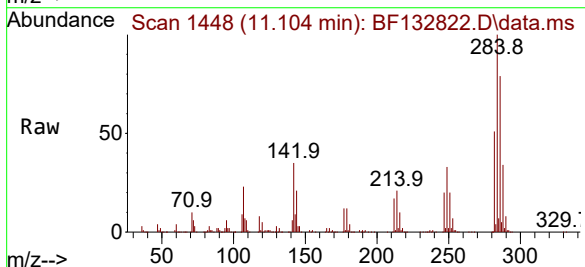
Instrument :
BNA_F
ClientSampleId :
PB151460BS

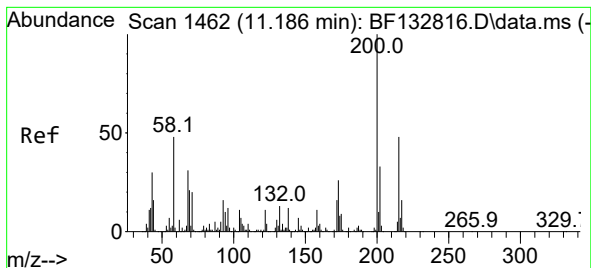
Tgt Ion:248 Resp: 383559
Ion Ratio Lower Upper
248 100
250 96.8 79.1 118.7
141 71.7 57.1 85.7



#68
Hexachlorobenzene
Concen: 49.312 ng
RT: 11.104 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:284 Resp: 430511
Ion Ratio Lower Upper
284 100
142 35.1 26.2 39.2
249 32.9 24.9 37.3





#69

Atrazine

Concen: 51.703 ng

RT: 11.192 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

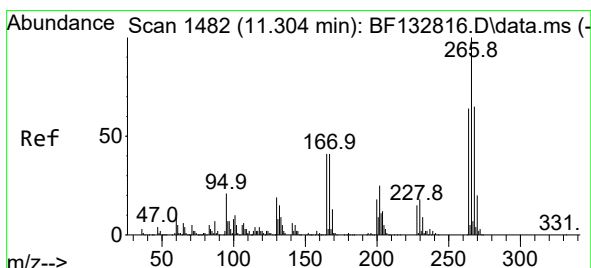
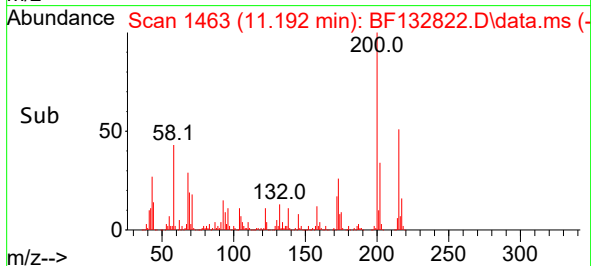
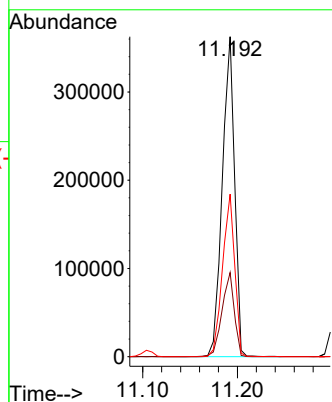
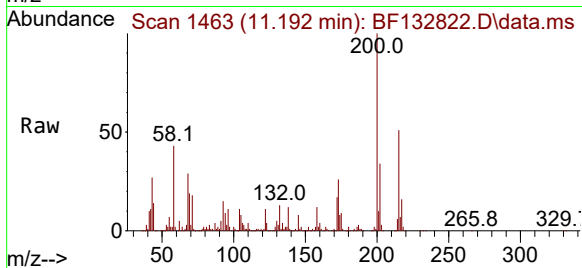
Tgt Ion:200 Resp: 328121

Ion Ratio Lower Upper

200 100

173 26.3 6.5 46.5

215 50.8 28.0 68.0



#70

Pentachlorophenol

Concen: 99.505 ng

RT: 11.310 min Scan# 1483

Delta R.T. 0.006 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

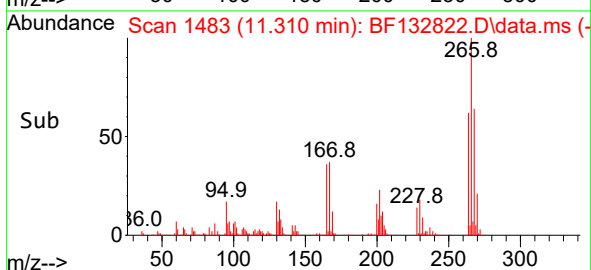
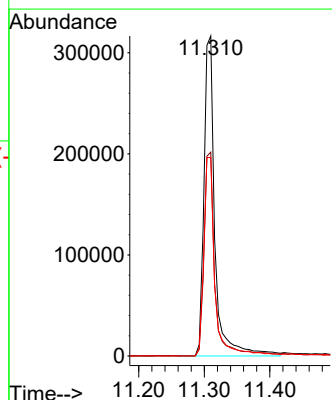
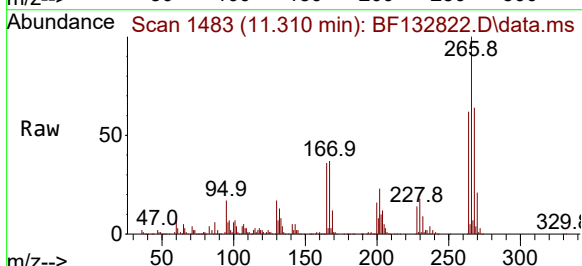
Tgt Ion:266 Resp: 368580

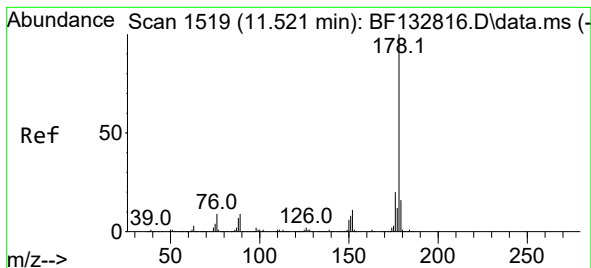
Ion Ratio Lower Upper

266 100

268 63.7 51.6 77.4

264 62.1 51.0 76.4





#71

Phenanthrene

Concen: 44.715 ng

RT: 11.528 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

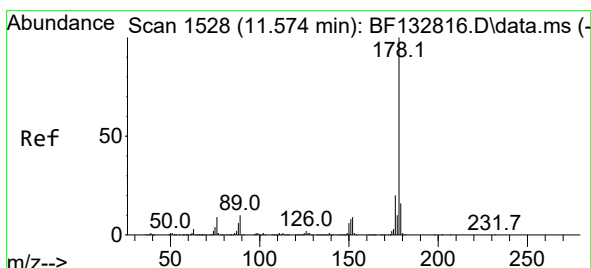
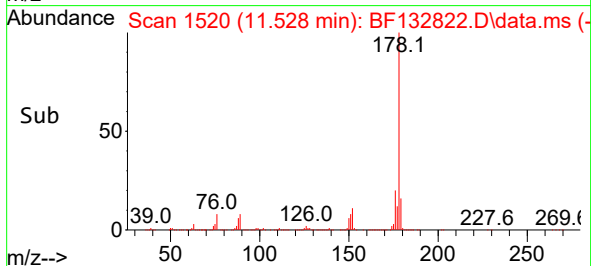
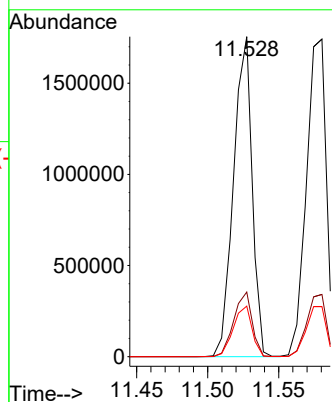
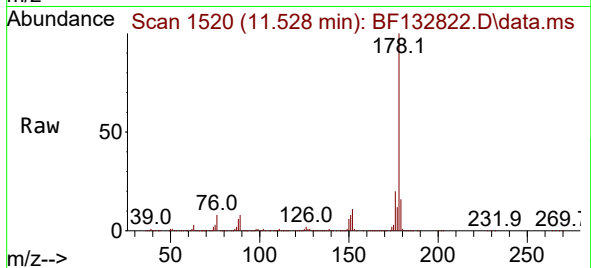
Tgt Ion:178 Resp: 1604916

Ion Ratio Lower Upper

178 100

176 20.2 16.3 24.5

179 15.8 13.1 19.7



#72

Anthracene

Concen: 46.487 ng

RT: 11.580 min Scan# 1529

Delta R.T. 0.006 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

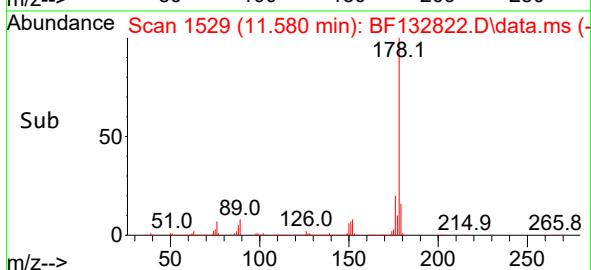
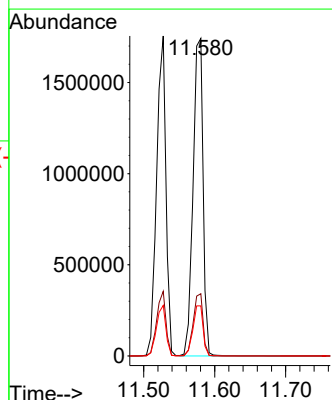
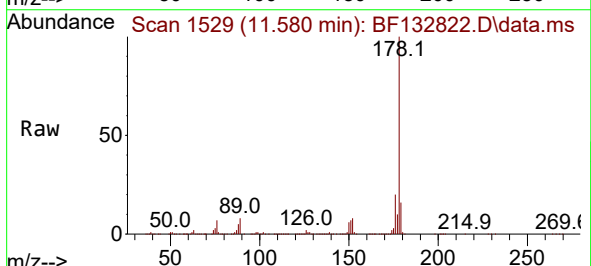
Tgt Ion:178 Resp: 1709176

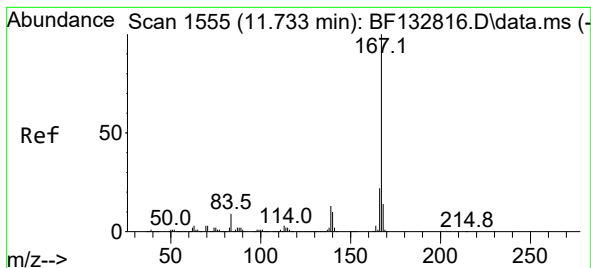
Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.8 12.8 19.2





#73

Carbazole

Concen: 47.515 ng

RT: 11.733 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

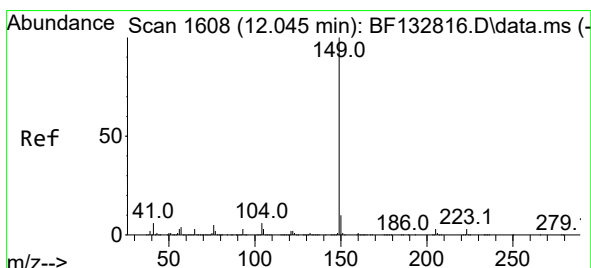
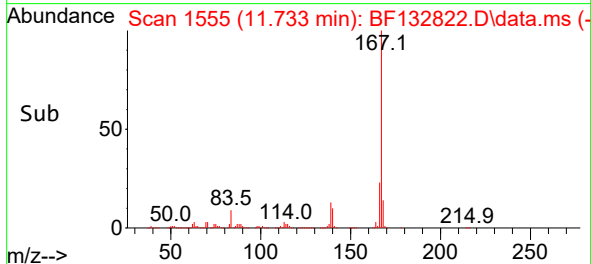
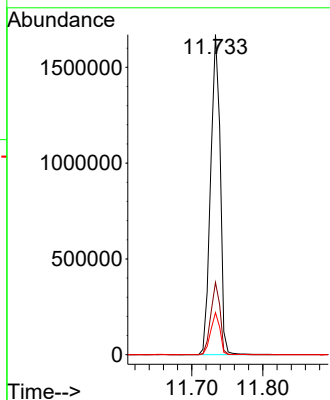
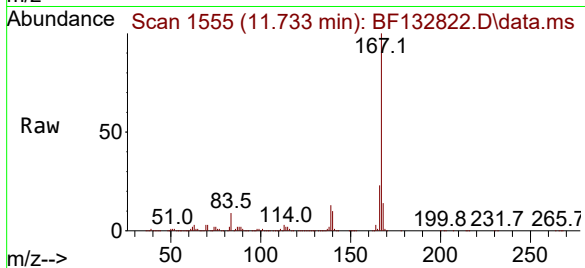
Tgt Ion:167 Resp: 1568555

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

139 13.2 10.2 15.2



#74

Di-n-butylphthalate

Concen: 45.569 ng

RT: 12.045 min Scan# 1608

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

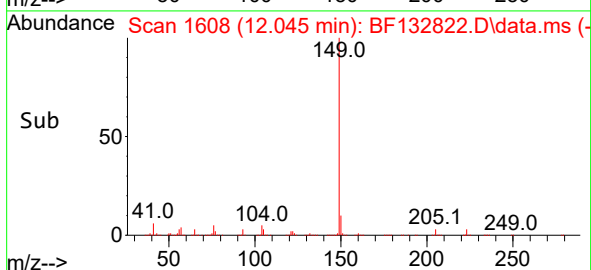
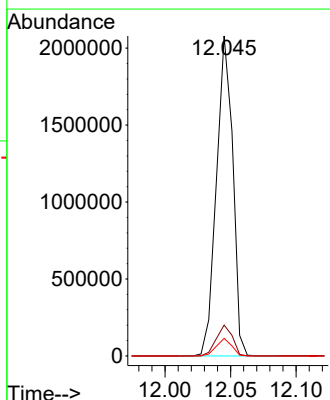
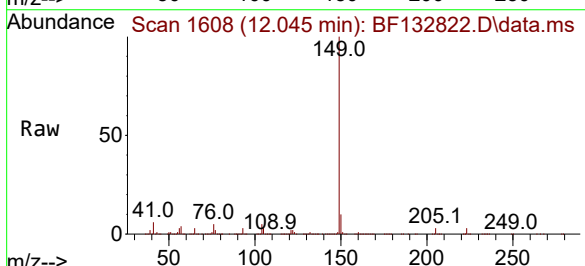
Tgt Ion:149 Resp: 1792177

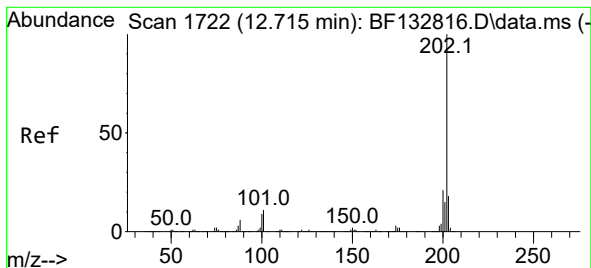
Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

104 5.5 4.4 6.6





#75

Fluoranthene

Concen: 47.107 ng

RT: 12.722 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

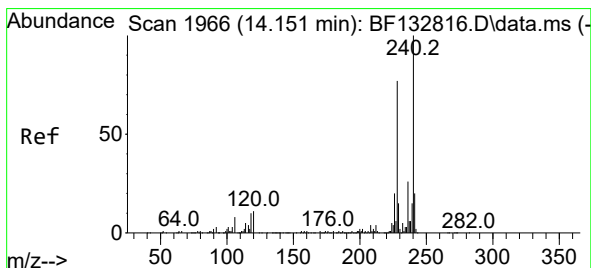
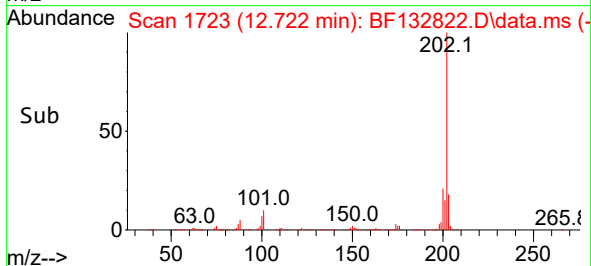
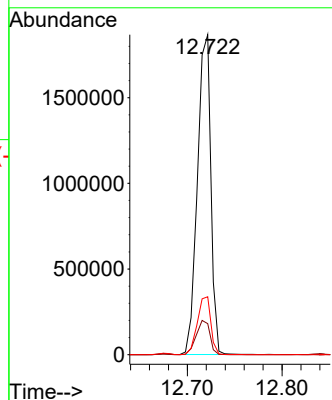
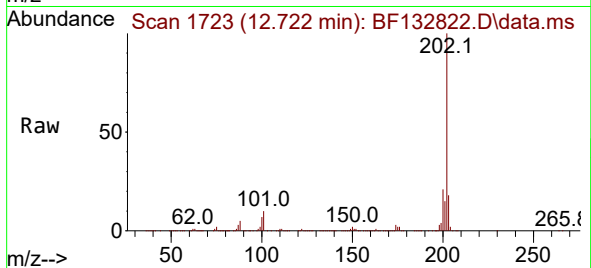
Tgt Ion:202 Resp: 1839967

Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.3

203 18.1 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: BF132822.D

Acq: 16 Mar 2023 21:13

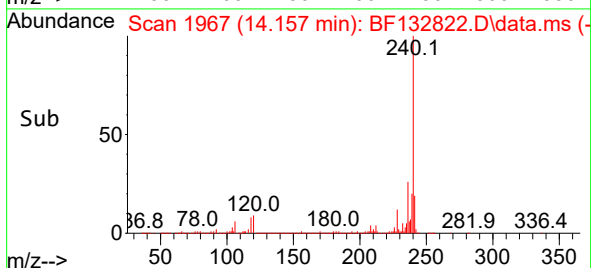
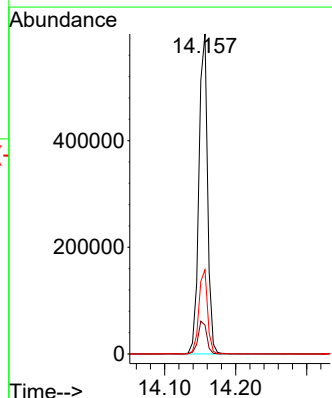
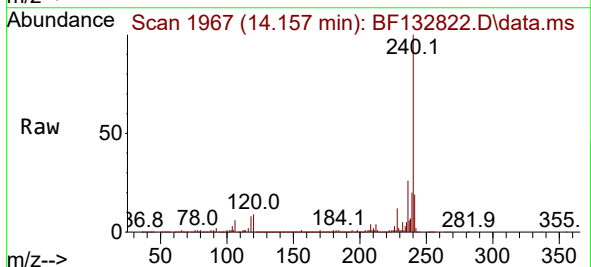
Tgt Ion:240 Resp: 511330

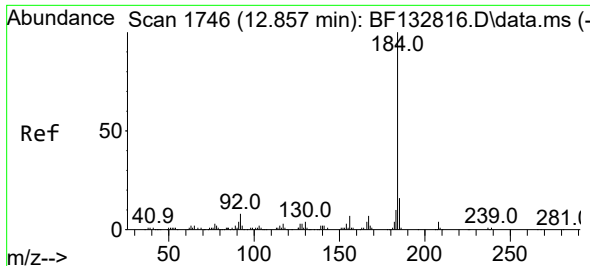
Ion Ratio Lower Upper

240 100

120 9.0 9.1 13.7#

236 26.4 21.2 31.8

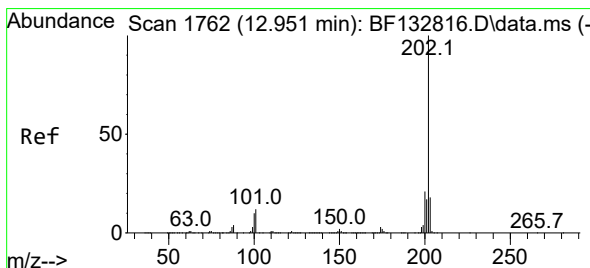
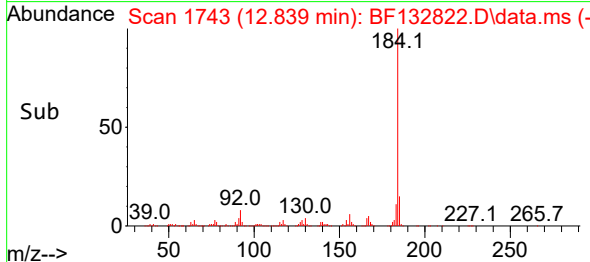
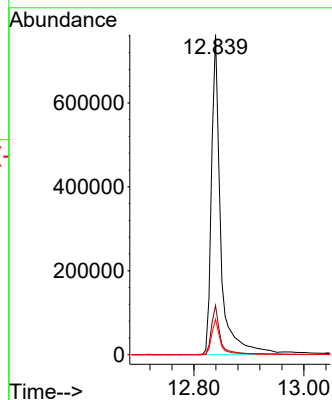
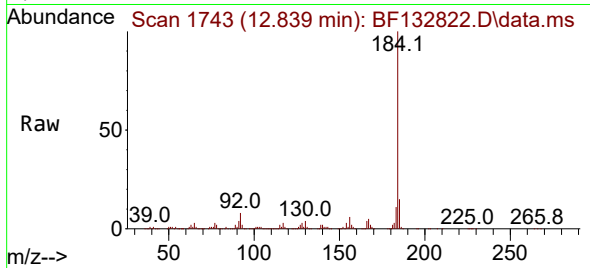




#77
Benzidine
Concen: 280.264 ng
RT: 12.839 min Scan# 1743
Delta R.T. -0.017 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

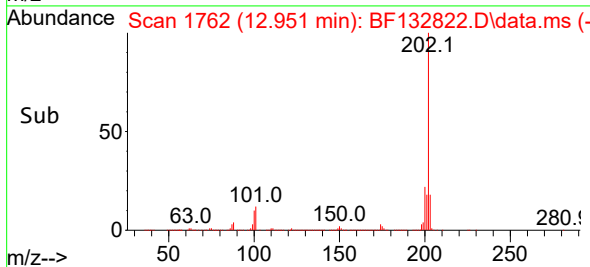
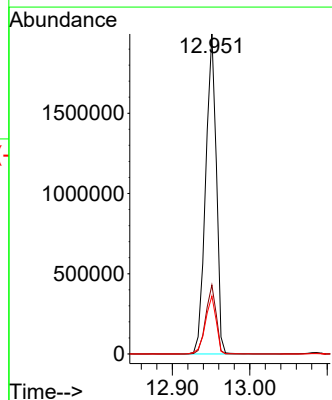
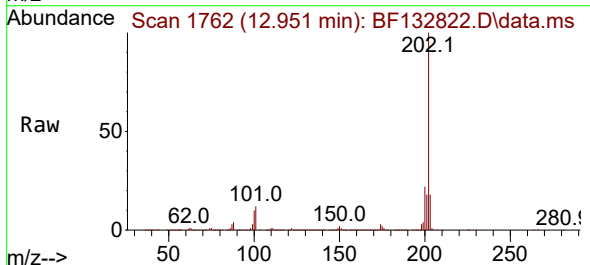
Instrument :
BNA_F
ClientSampleId :
PB151460BS

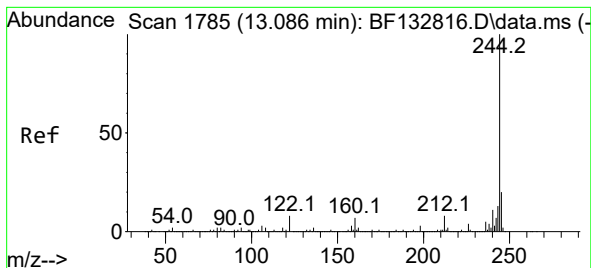
Tgt Ion:184 Resp: 892475
Ion Ratio Lower Upper
184 100
185 15.4 12.6 19.0
183 11.0 8.2 12.4



#78
Pyrene
Concen: 44.723 ng
RT: 12.951 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:202 Resp: 1900581
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 18.1 14.6 21.8





#79

Terphenyl-d14

Concen: 95.728 ng

RT: 13.086 min Scan# 1785

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

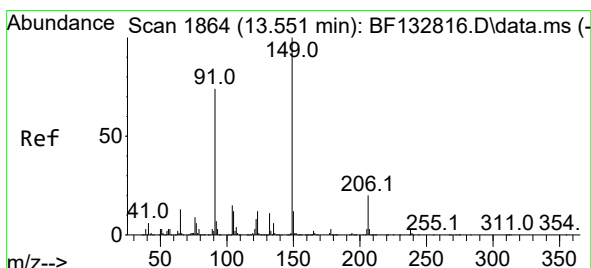
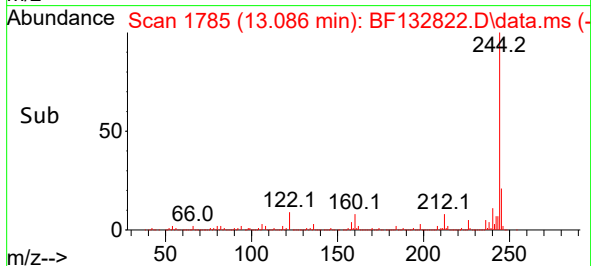
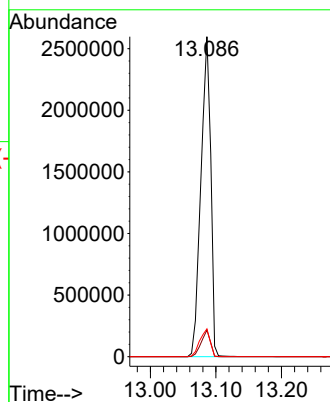
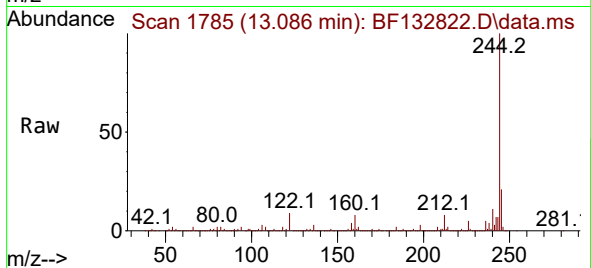
Tgt Ion:244 Resp: 2710799

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

122 8.7 6.6 9.8



#80

Butylbenzylphthalate

Concen: 45.548 ng

RT: 13.551 min Scan# 1864

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

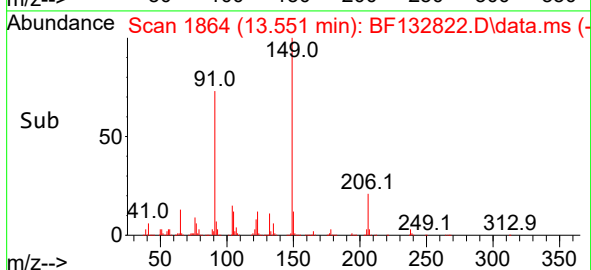
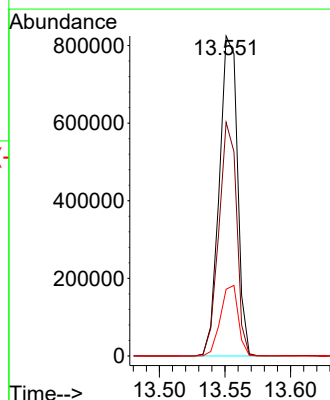
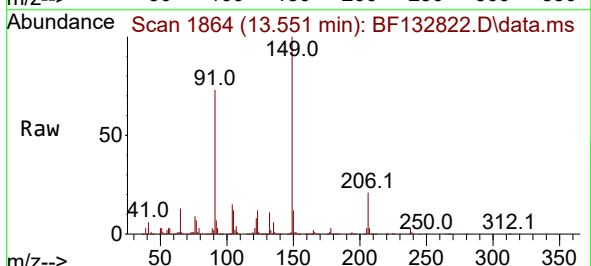
Tgt Ion:149 Resp: 791888

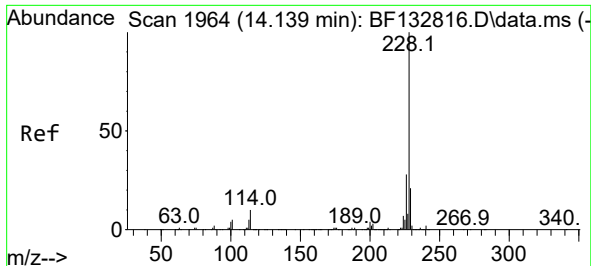
Ion Ratio Lower Upper

149 100

91 73.0 59.5 89.3

206 20.9 16.2 24.4

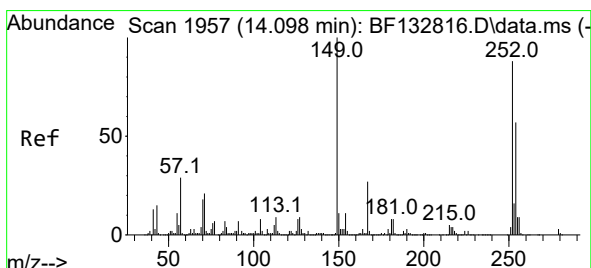
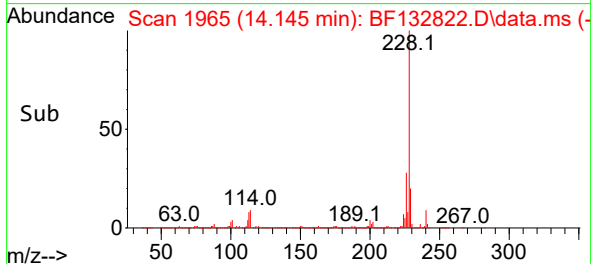
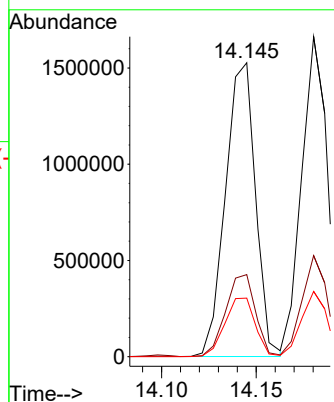
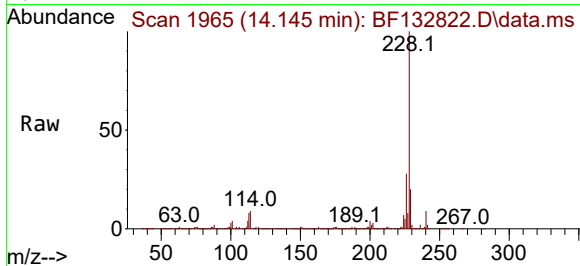




#81
Benzo(a)anthracene
Concen: 45.419 ng
RT: 14.145 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

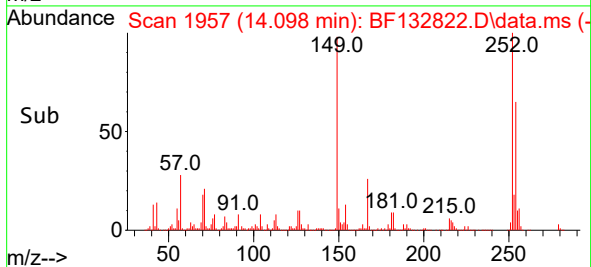
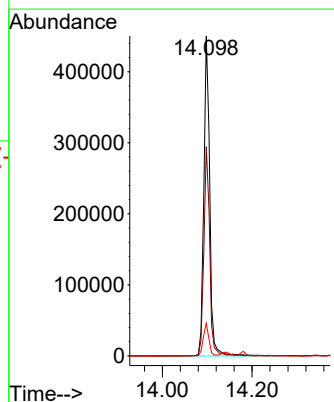
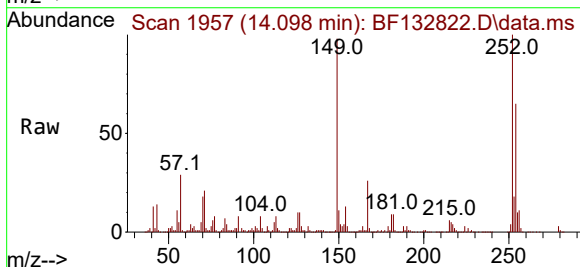
Instrument :
BNA_F
ClientSampleId :
PB151460BS

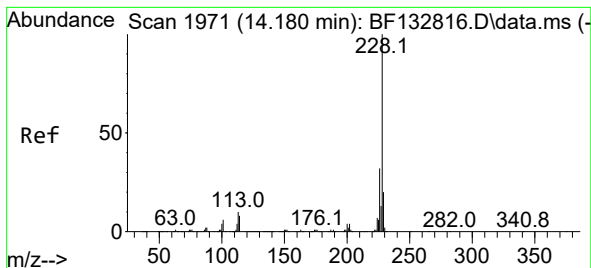
Tgt Ion:228 Resp: 1681034
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 20.0 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 42.792 ng
RT: 14.098 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:252 Resp: 411122
Ion Ratio Lower Upper
252 100
254 65.4 52.2 78.4
126 10.2 7.5 11.3





#83

Chrysene

Concen: 43.770 ng

RT: 14.180 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

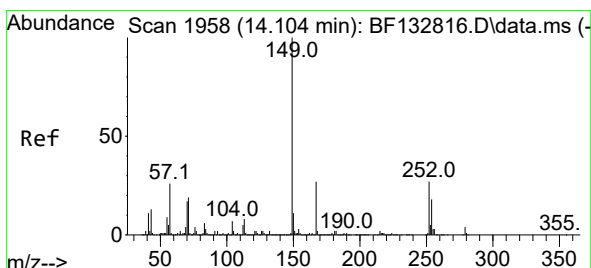
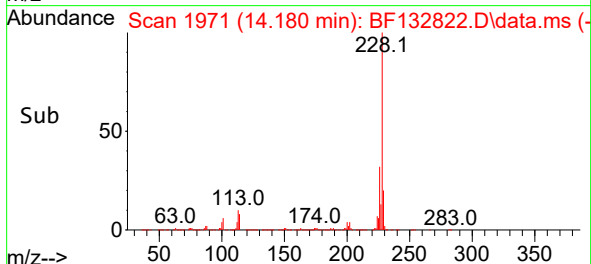
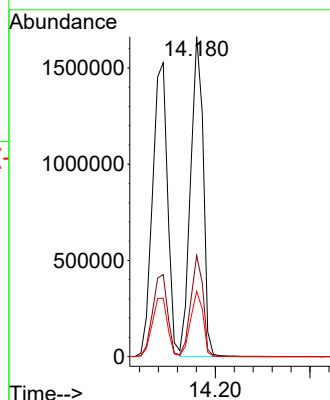
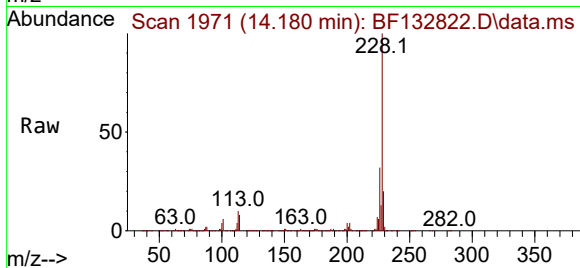
Tgt Ion:228 Resp: 1530848

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

229 20.4 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.047 ng

RT: 14.104 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

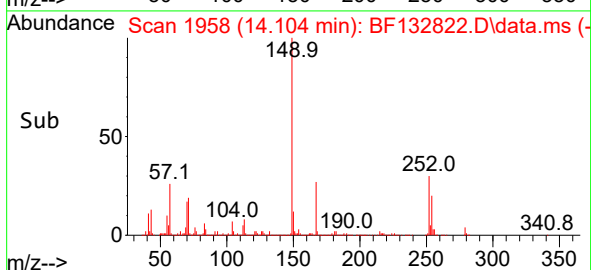
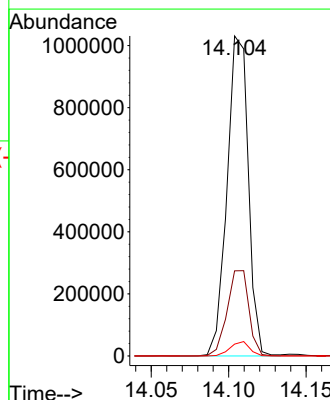
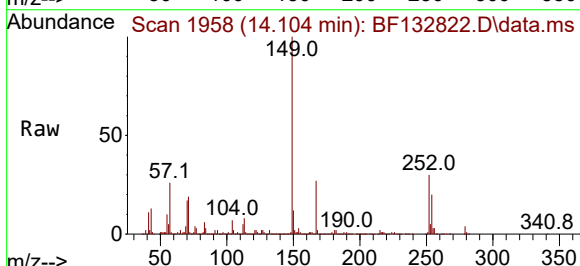
Tgt Ion:149 Resp: 984818

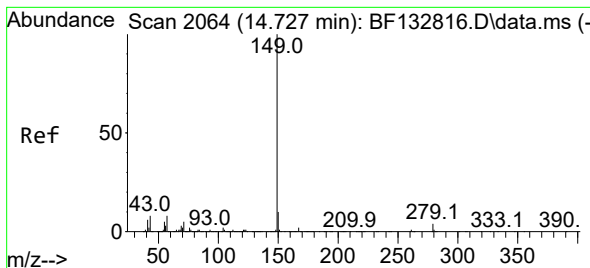
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 3.7 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 46.845 ng

RT: 14.727 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

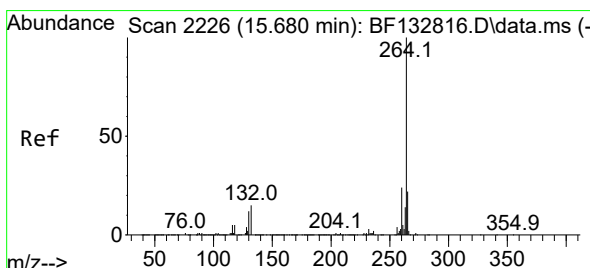
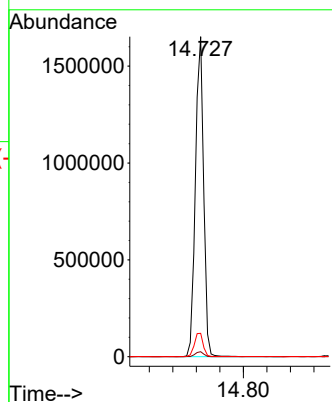
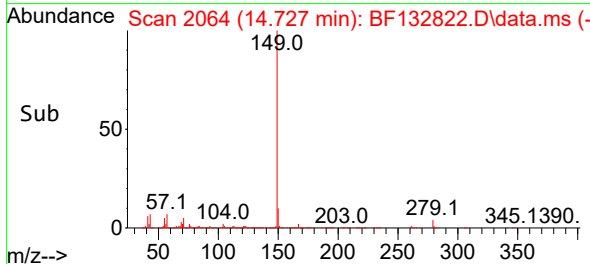
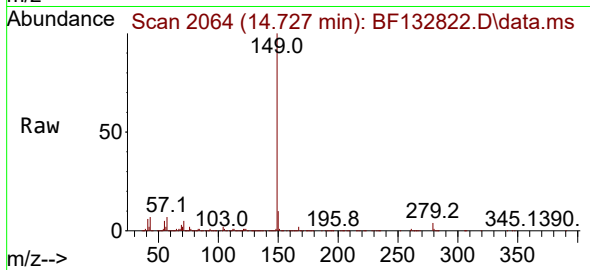
Tgt Ion:149 Resp: 1604333

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 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: BF132822.D

Acq: 16 Mar 2023 21:13

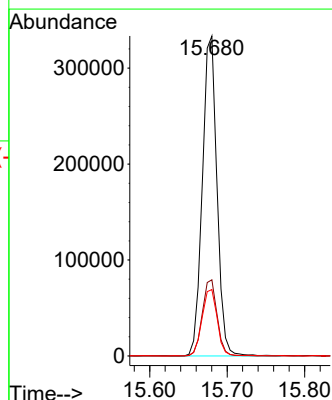
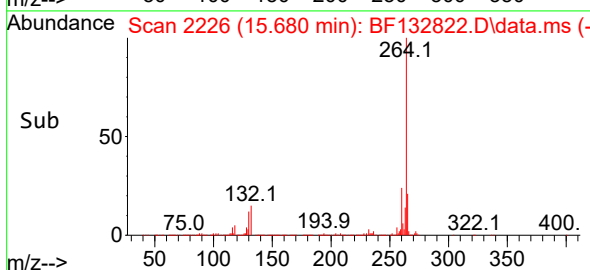
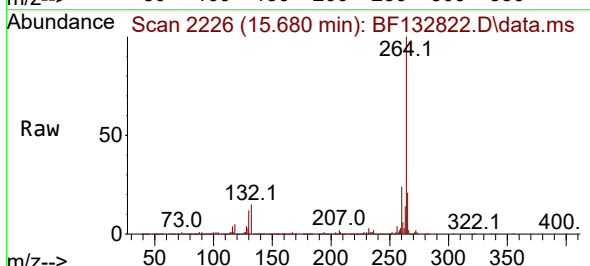
Tgt Ion:264 Resp: 437399

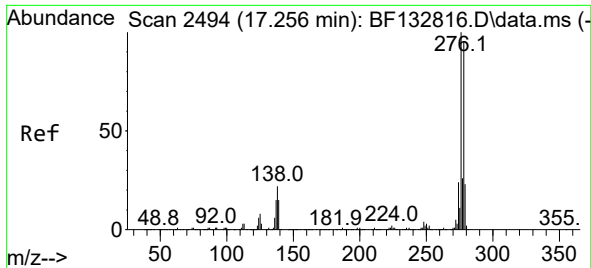
Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 20.7 17.4 26.0

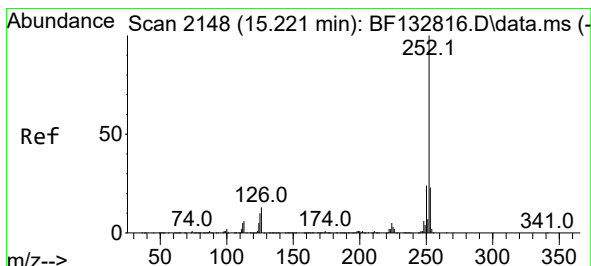
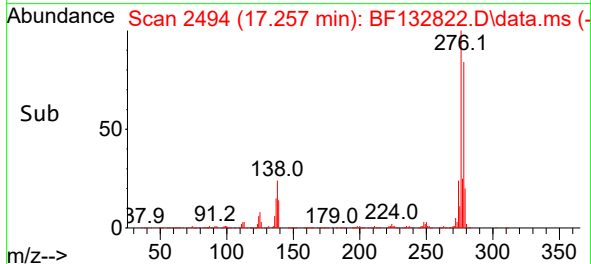
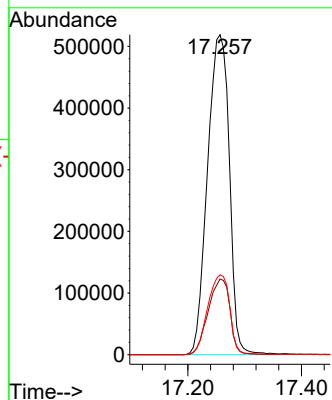
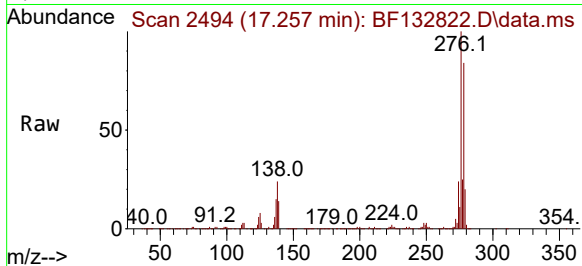




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.420 ng
 RT: 17.257 min Scan# 2494
 Delta R.T. 0.000 min
 Lab File: BF132822.D
 Acq: 16 Mar 2023 21:13

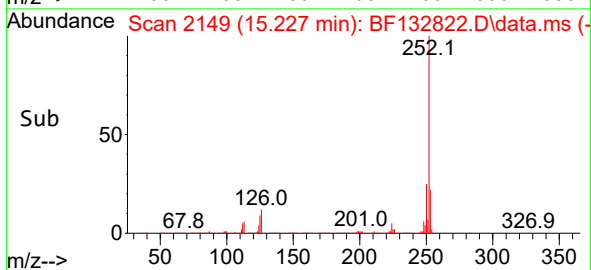
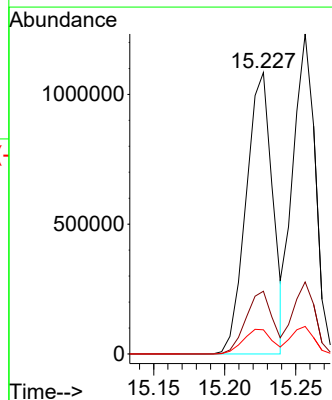
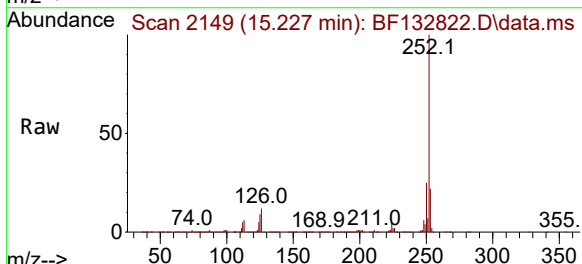
Instrument :
 BNA_F
 ClientSampleId :
 PB151460BS

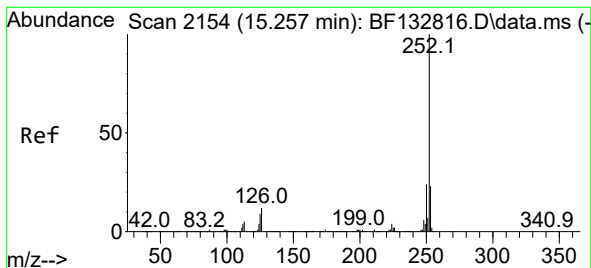
Tgt Ion:276 Resp: 1382435
 Ion Ratio Lower Upper
 276 100
 138 23.6 18.8 28.2
 277 25.1 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 49.439 ng
 RT: 15.227 min Scan# 2149
 Delta R.T. 0.006 min
 Lab File: BF132822.D
 Acq: 16 Mar 2023 21:13

Tgt Ion:252 Resp: 1410569
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.2 27.4
 125 8.6 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 48.464 ng

RT: 15.257 min Scan# 2154

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

Instrument :

BNA_F

ClientSampleId :

PB151460BS

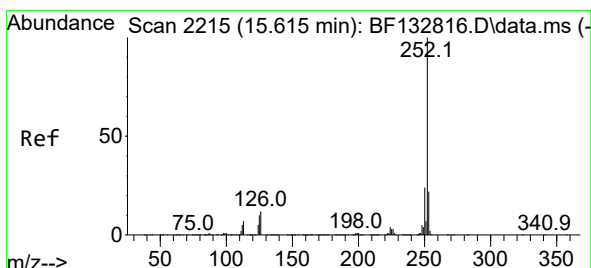
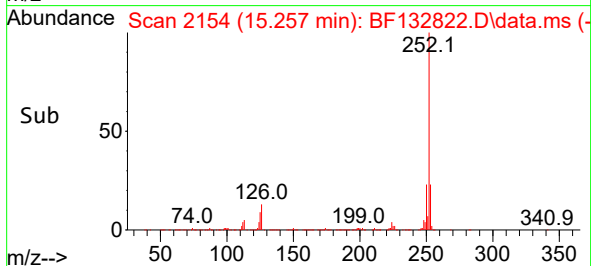
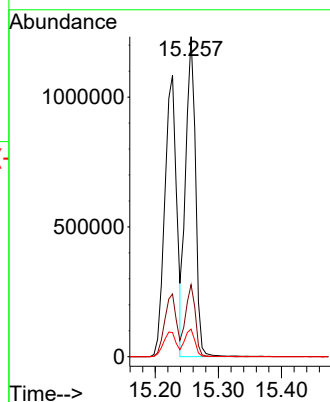
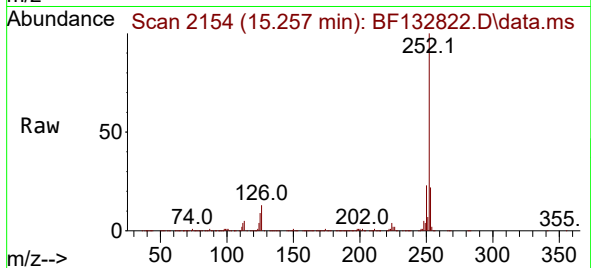
Tgt Ion:252 Resp: 1351290

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

125 8.6 7.2 10.8



#90

Benzo(a)pyrene

Concen: 44.831 ng

RT: 15.615 min Scan# 2215

Delta R.T. 0.000 min

Lab File: BF132822.D

Acq: 16 Mar 2023 21:13

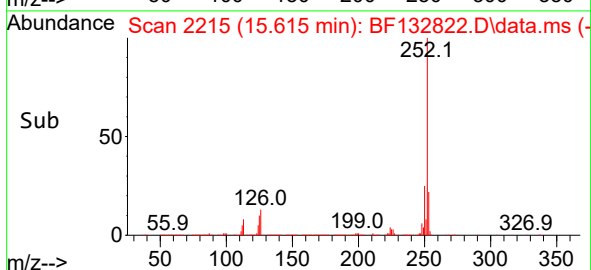
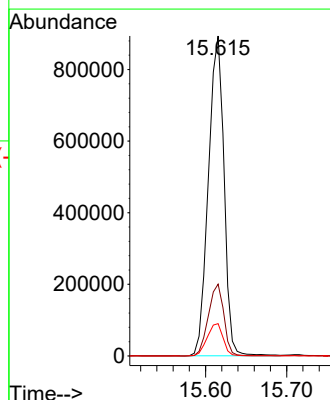
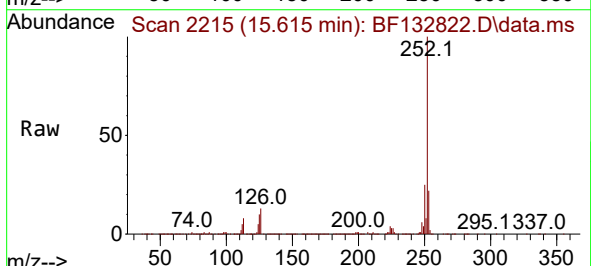
Tgt Ion:252 Resp: 1192447

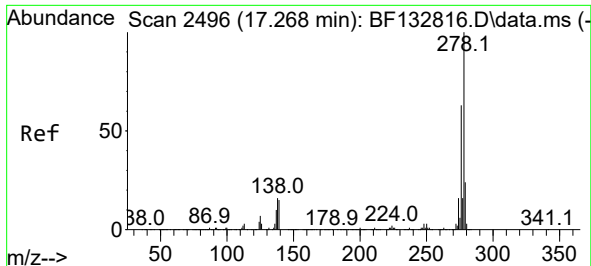
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 10.1 7.7 11.5

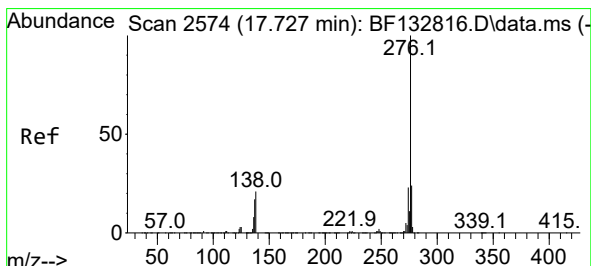
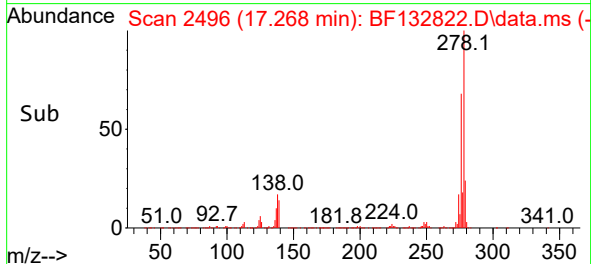
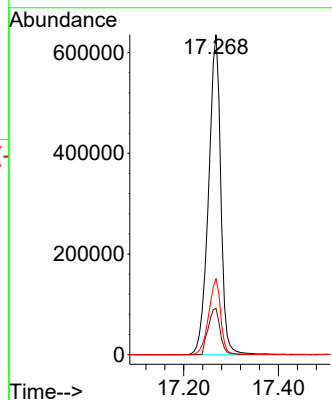
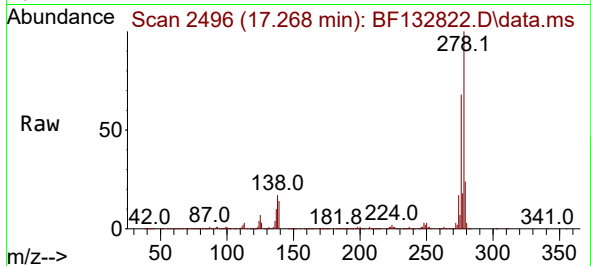




#91
Dibenzo(a,h)anthracene
Concen: 50.827 ng
RT: 17.268 min Scan# 2496
Delta R.T. 0.000 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Instrument :
BNA_F
ClientSampleId :
PB151460BS

Tgt Ion:278 Resp: 1137286
Ion Ratio Lower Upper
278 100
139 14.4 11.8 17.8
279 23.7 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 50.785 ng
RT: 17.733 min Scan# 2575
Delta R.T. 0.006 min
Lab File: BF132822.D
Acq: 16 Mar 2023 21:13

Tgt Ion:276 Resp: 1187353
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.6
138 21.4 16.8 25.2

