

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133026.D
 Acq On : 25 Apr 2023 12:05
 Operator : CG\JU
 Sample : PB152293BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152293BS

Quant Time: Apr 25 12:49:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	256952	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	950200	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	501141	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	902990	20.000	ng	0.00
76) Chrysene-d12	13.904	240	565737	20.000	ng	0.00
86) Perylene-d12	15.321	264	483374	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1651444	97.088	ng	0.02
7) Phenol-d6	6.392	99	2033423	96.313	ng	0.00
23) Nitrobenzene-d5	7.316	82	1244683	70.705	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	544472	108.032	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2097984	70.039	ng	0.00
79) Terphenyl-d14	12.857	244	2318168	70.670	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	314905	39.913	ng	99
3) Pyridine	3.222	79	779392	37.193	ng	98
4) n-Nitrosodimethylamine	3.193	42	417274	38.444	ng	95
6) Aniline	6.410	93	871260	32.040	ng	# 20
8) 2-Chlorophenol	6.534	128	712504	41.256	ng	99
9) Benzaldehyde	6.287	77	412091	43.685	ng	97
10) Phenol	6.410	94	908124	38.990	ng	75
11) bis(2-Chloroethyl)ether	6.487	93	705828	40.384	ng	99
12) 1,3-Dichlorobenzene	6.687	146	780101	42.485	ng	98
13) 1,4-Dichlorobenzene	6.763	146	803849	43.682	ng	99
14) 1,2-Dichlorobenzene	6.916	146	738188	43.510	ng	97
15) Benzyl Alcohol	6.892	79	570838	39.142	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.028	45	1243305	40.956	ng	96
17) 2-Methylphenol	7.010	107	661343	41.819	ng	97
18) Hexachloroethane	7.257	117	277368	43.353	ng	95
19) n-Nitroso-di-n-propyla...	7.169	70	517239	39.352	ng	99
20) 3+4-Methylphenols	7.169	107	747285	40.125	ng	# 71
22) Acetophenone	7.157	105	1039475	47.225	ng	# 96
24) Nitrobenzene	7.334	77	747793	41.920	ng	98
25) Isophorone	7.575	82	1481682	44.330	ng	100
26) 2-Nitrophenol	7.645	139	432413	50.257	ng	99
27) 2,4-Dimethylphenol	7.692	122	664990	45.073	ng	98
28) bis(2-Chloroethoxy)met...	7.786	93	824267	41.686	ng	99
29) 2,4-Dichlorophenol	7.892	162	596015	44.377	ng	99
30) 1,2,4-Trichlorobenzene	7.975	180	621372	44.658	ng	99
31) Naphthalene	8.057	128	1982467	41.730	ng	99
32) Benzoic acid	7.834	122	494728	54.288	ng	95
33) 4-Chloroaniline	8.098	127	316214	16.474	ng	98
34) Hexachlorobutadiene	8.175	225	342973	44.473	ng	99
35) Caprolactam	8.528	113	72256	16.015	ng	94
36) 4-Chloro-3-methylphenol	8.592	107	647777	44.726	ng	98
37) 2-Methylnaphthalene	8.745	142	1324327	40.774	ng	97
38) 1-Methylnaphthalene	8.845	142	1306779	43.009	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	551251	40.911	ng	99
41) Hexachlorocyclopentadiene	8.904	237	786136	100.040	ng	97
43) 2,4,6-Trichlorophenol	9.022	196	393978	42.280	ng	100

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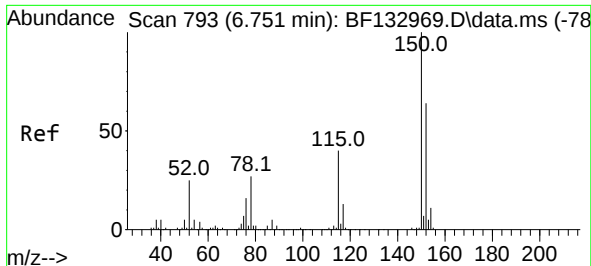
Quant Time: Apr 25 12:49:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	427923	39.707	ng	98
46) 1,1'-Biphenyl	9.210	154	1632527	41.082	ng	99
47) 2-Chloronaphthalene	9.233	162	1228873	42.250	ng	99
48) 2-Nitroaniline	9.328	65	394533	41.043	ng	95
49) Acenaphthylene	9.645	152	1924182	41.403	ng	99
50) Dimethylphthalate	9.516	163	1435891	41.092	ng	99
51) 2,6-Dinitrotoluene	9.575	165	343450	43.669	ng	# 84
52) Acenaphthene	9.822	154	1203097	38.652	ng	99
53) 3-Nitroaniline	9.739	138	262326	28.052	ng	99
54) 2,4-Dinitrophenol	9.845	184	413604	104.623	ng	98
55) Dibenzofuran	9.992	168	1732066	40.793	ng	98
56) 4-Nitrophenol	9.910	139	637718	88.047	ng	92
57) 2,4-Dinitrotoluene	9.975	165	447517	44.618	ng	97
58) Fluorene	10.333	166	1272659	40.912	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.110	232	373662	44.723	ng	97
60) Diethylphthalate	10.216	149	1370414	41.520	ng	98
61) 4-Chlorophenyl-phenyle...	10.328	204	619661	40.877	ng	99
62) 4-Nitroaniline	10.357	138	395861	46.057	ng	99
63) Azobenzene	10.486	77	1418911	40.581	ng	99
65) 4,6-Dinitro-2-methylph...	10.386	198	264081	48.250	ng	99
66) n-Nitrosodiphenylamine	10.451	169	1182014	40.355	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	405416	41.397	ng	100
68) Hexachlorobenzene	10.880	284	446977	44.541	ng	97
69) Atrazine	10.975	200	395223	46.828	ng	98
70) Pentachlorophenol	11.075	266	555921	77.784	ng	98
71) Phenanthrene	11.292	178	1956994	40.323	ng	100
72) Anthracene	11.345	178	1996939	40.206	ng	99
73) Carbazole	11.498	167	1846431	41.750	ng	99
74) Di-n-butylphthalate	11.833	149	2133122	42.621	ng	100
75) Fluoranthene	12.480	202	1970649	40.458	ng	97
77) Benzidine	12.598	184	1087153	113.637	ng	# 94
78) Pyrene	12.704	202	2066214	42.605	ng	99
80) Butylbenzylphthalate	13.327	149	865544	50.406	ng	94
81) Benzo(a)anthracene	13.892	228	1619157	41.619	ng	99
82) 3,3'-Dichlorobenzidine	13.857	252	360228	33.518	ng	98
83) Chrysene	13.927	228	1622652	41.719	ng	99
84) Bis(2-ethylhexyl)phtha...	13.892	149	963783	44.716	ng	99
85) Di-n-octyl phthalate	14.504	149	1567599	44.605	ng	98
87) Indeno(1,2,3-cd)pyrene	16.709	276	1419313	51.620	ng	100
88) Benzo(b)fluoranthene	14.921	252	1406828	45.748	ng	99
89) Benzo(k)fluoranthene	14.951	252	1265178	41.503	ng	100
90) Benzo(a)pyrene	15.268	252	1137555	40.641	ng	99
91) Dibenzo(a,h)anthracene	16.727	278	1178254	51.379	ng	99
92) Benzo(g,h,i)perylene	17.133	276	1194753	52.771	ng	99

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

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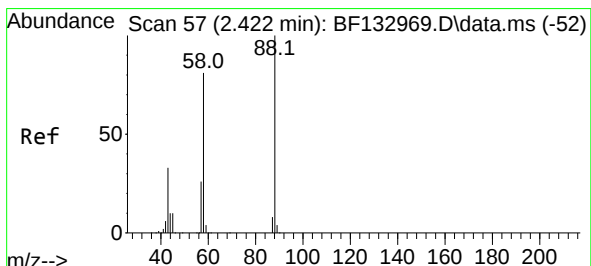
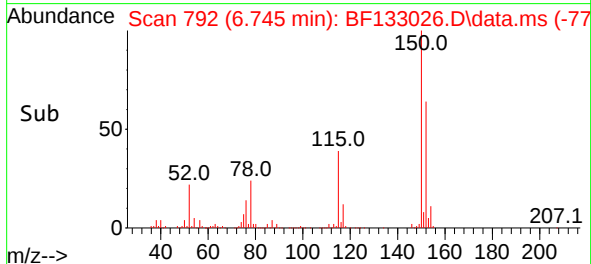
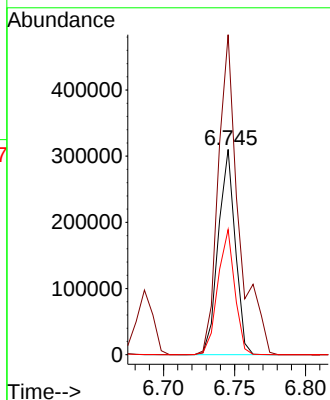
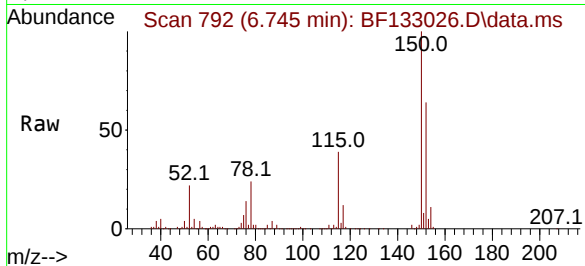




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

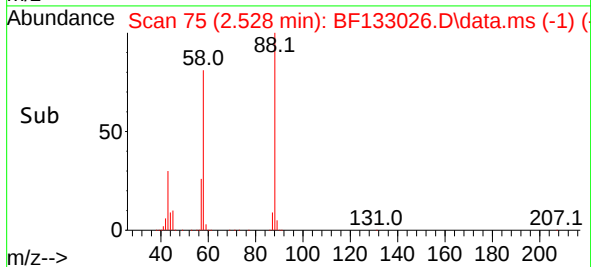
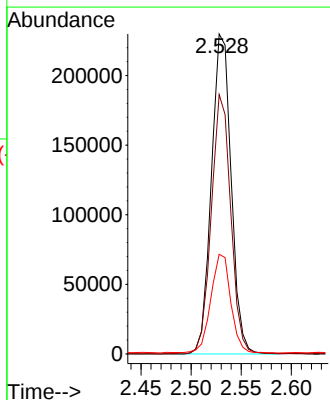
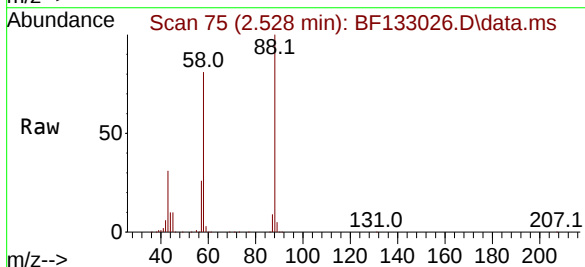
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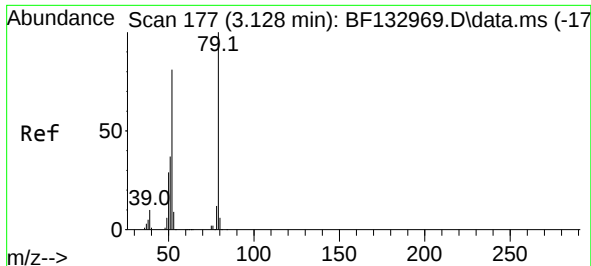
Tgt Ion:152 Resp: 256952
Ion Ratio Lower Upper
152 100
150 155.9 124.8 187.2
115 61.0 49.9 74.9



#2
1,4-Dioxane
Concen: 39.913 ng
RT: 2.528 min Scan# 75
Delta R.T. 0.106 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion: 88 Resp: 314905
Ion Ratio Lower Upper
88 100
58 80.0 64.7 97.1
43 31.3 26.2 39.2





#3

Pyridine

Concen: 37.193 ng

RT: 3.222 min Scan# 11

Delta R.T. 0.094 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

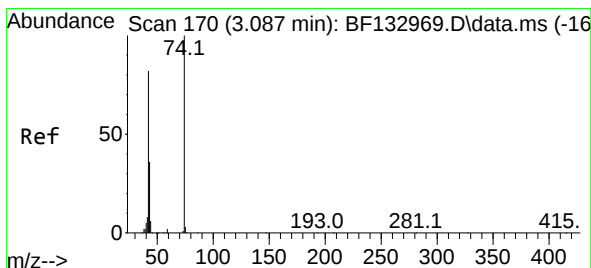
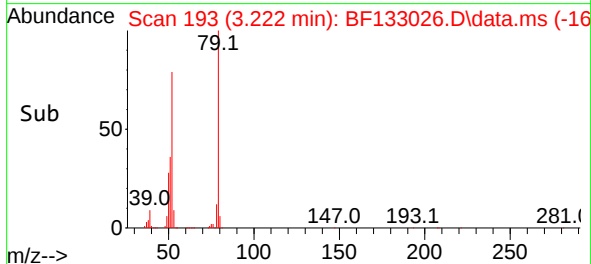
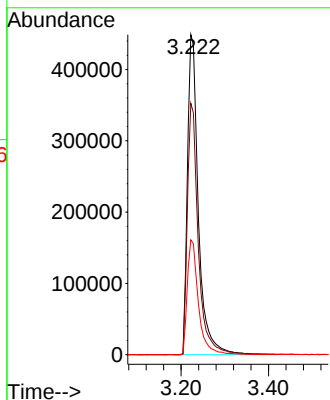
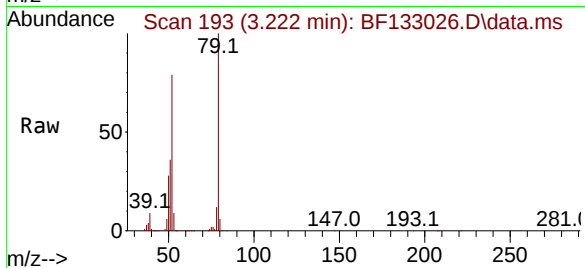
BNA_F

ClientSampleId :

PB152293BS

Tgt Ion: 79 Resp: 779392

Ion	Ratio	Lower	Upper
79	100		
52	78.6	64.6	96.8
51	35.9	30.0	45.0



#4

n-Nitrosodimethylamine

Concen: 38.444 ng

RT: 3.193 min Scan# 188

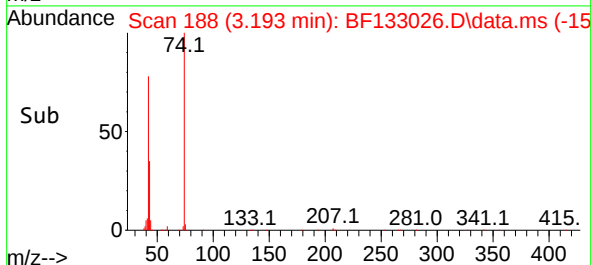
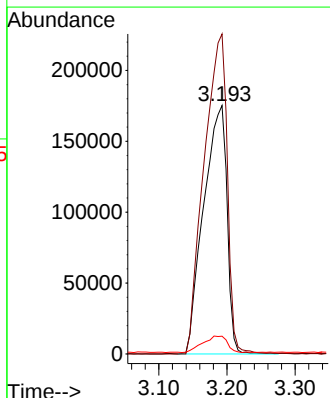
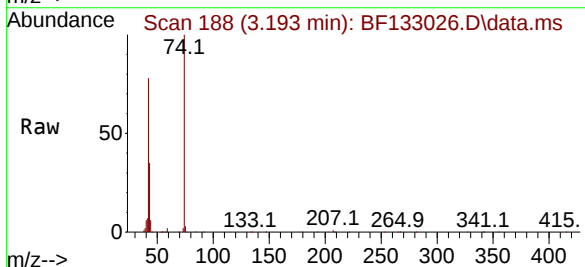
Delta R.T. 0.106 min

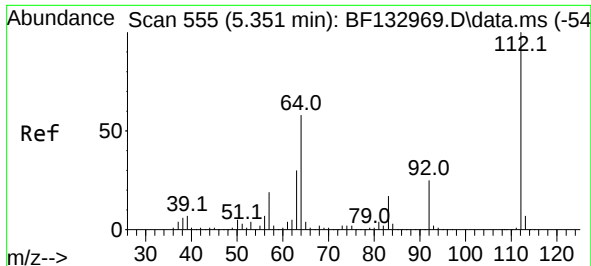
Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Tgt Ion: 42 Resp: 417274

Ion	Ratio	Lower	Upper
42	100		
74	128.8	98.0	147.0
44	7.2	5.8	8.8

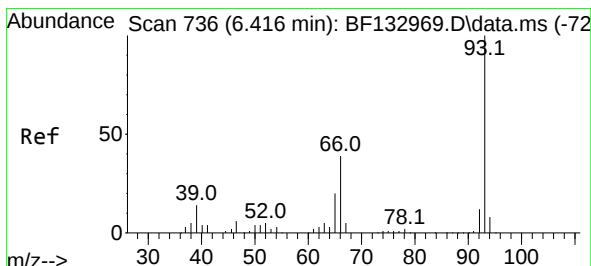
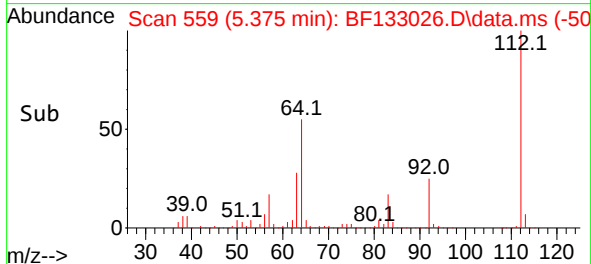
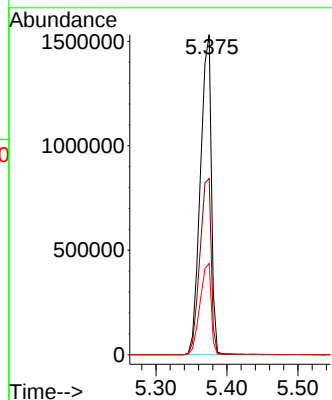
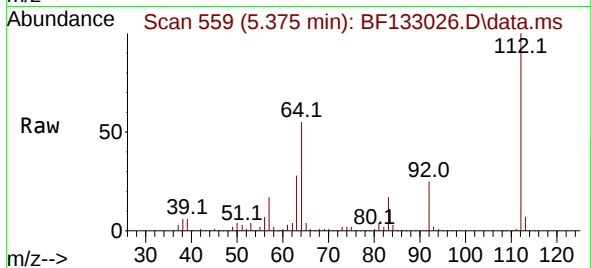




#5
2-Fluorophenol
Concen: 97.088 ng
RT: 5.375 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

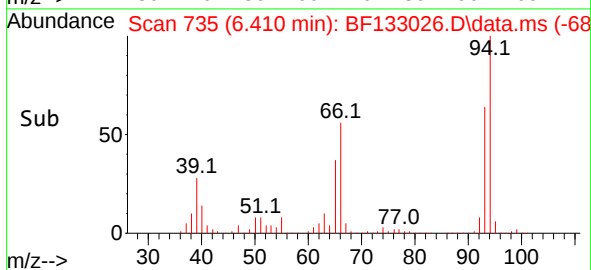
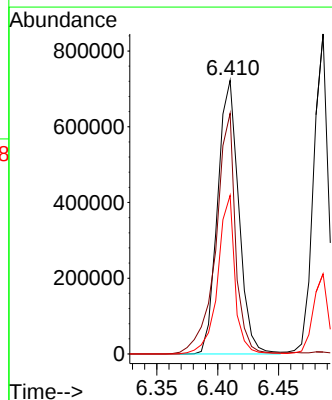
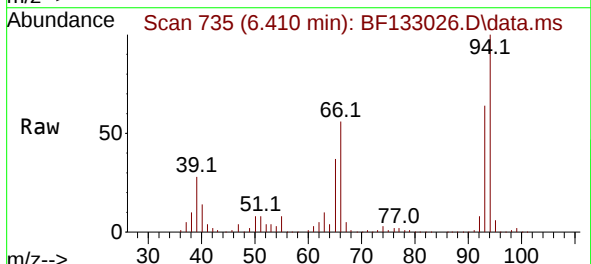
Instrument :
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ClientSampleId :
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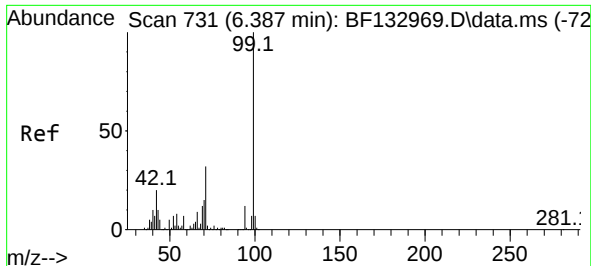
Tgt Ion:112 Resp: 1651444
Ion Ratio Lower Upper
112 100
64 55.1 46.8 70.2
63 28.5 23.8 35.8



#6
Aniline
Concen: 32.040 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion: 93 Resp: 871260
Ion Ratio Lower Upper
93 100
66 88.0 31.5 47.3#
65 57.9 16.4 24.6#





#7

Phenol-d6

Concen: 96.313 ng

RT: 6.392 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

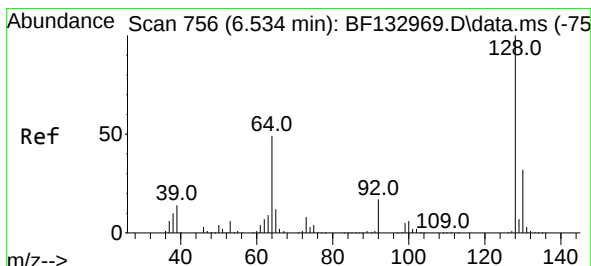
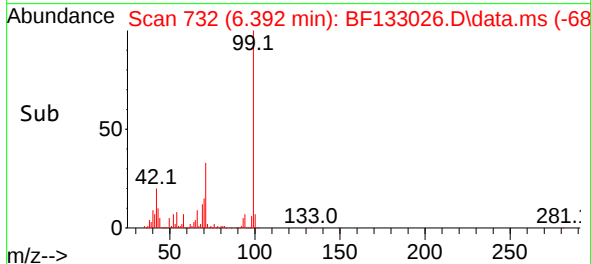
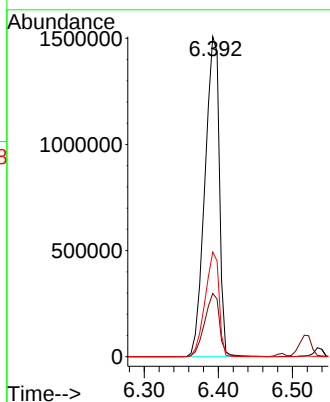
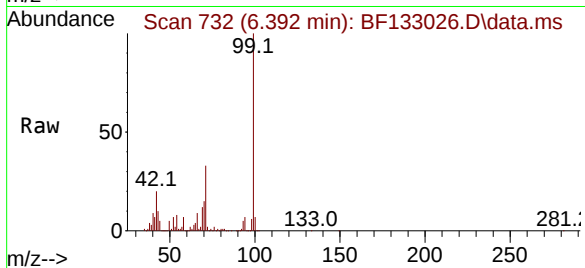
BNA_F

ClientSampleId :

PB152293BS

Tgt Ion: 99 Resp: 2033423

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.3	24.5
71	32.7	25.6	38.4



#8

2-Chlorophenol

Concen: 41.256 ng

RT: 6.534 min Scan# 756

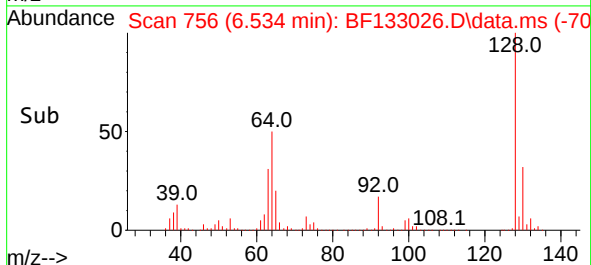
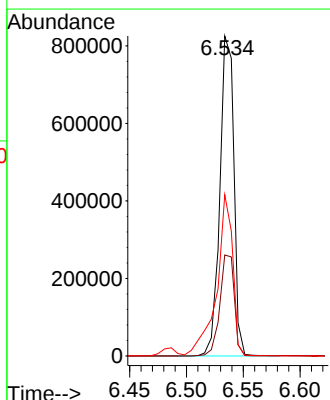
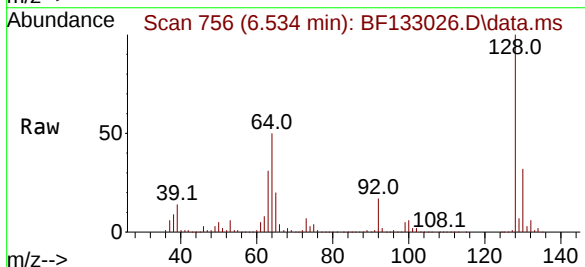
Delta R.T. 0.000 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Tgt Ion: 128 Resp: 712504

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.2	52.2
64	50.4	30.3	70.3

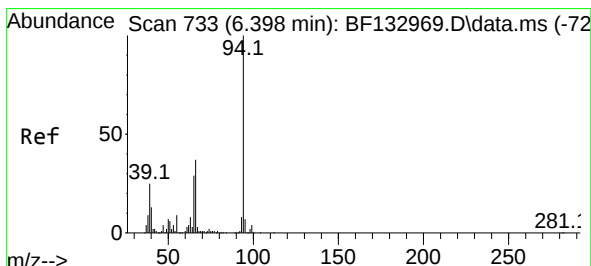
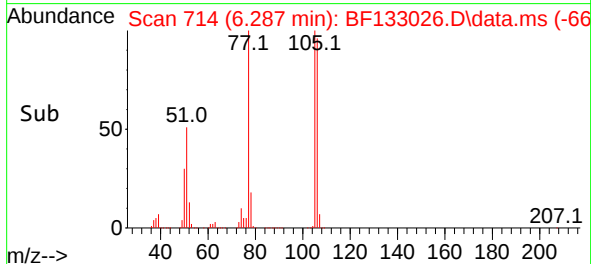
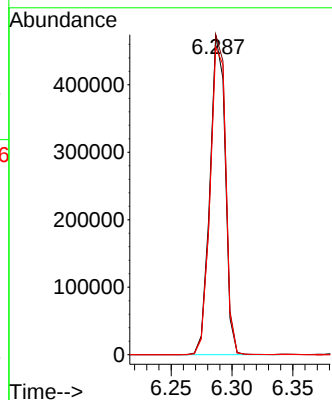
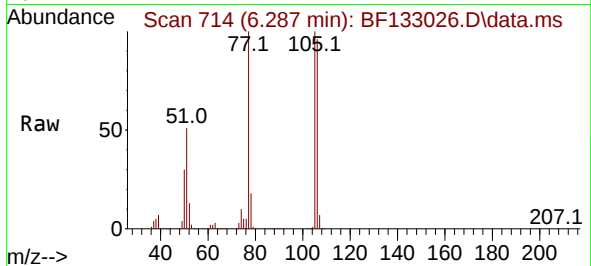




#9
Benzaldehyde
Concen: 43.685 ng
RT: 6.287 min Scan# 714
Delta R.T. -0.011 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

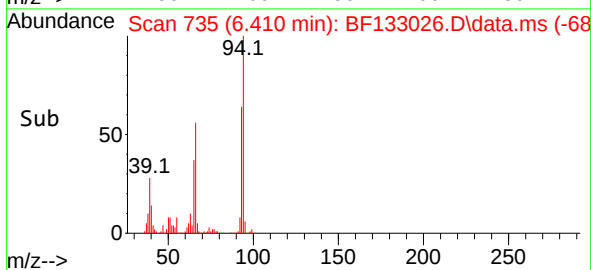
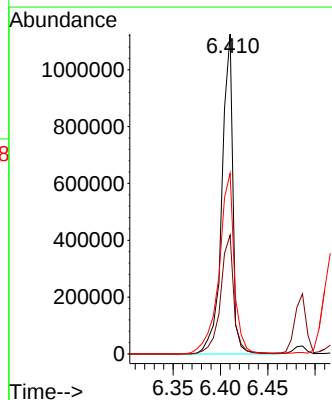
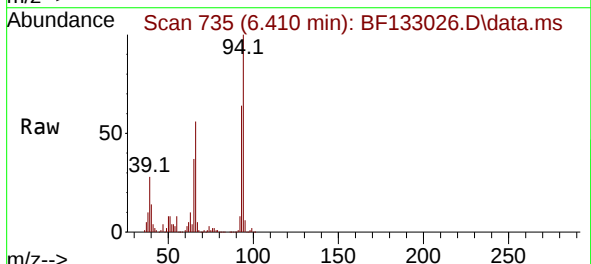
Instrument :
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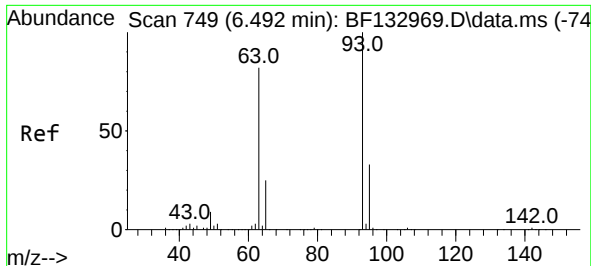
Tgt Ion: 77 Resp: 412091
Ion Ratio Lower Upper
77 100
105 100.4 82.3 122.3
106 96.5 80.8 120.8



#10
Phenol
Concen: 38.990 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.012 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion: 94 Resp: 908124
Ion Ratio Lower Upper
94 100
65 37.2 8.6 48.6
66 56.4 17.3 57.3

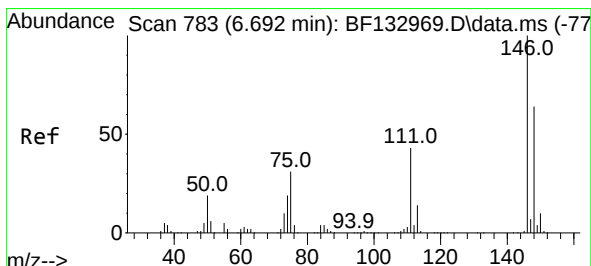
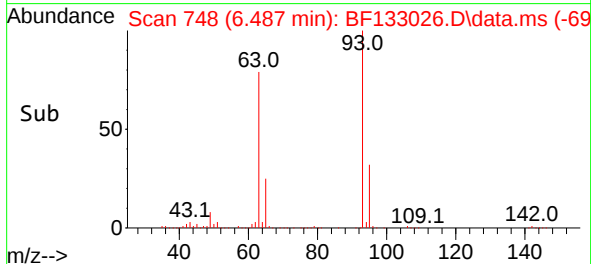
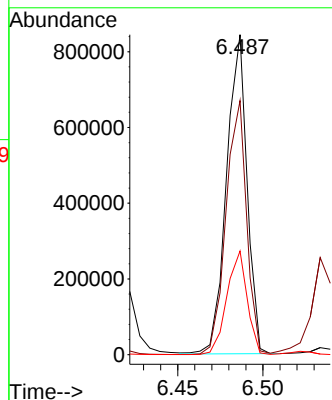
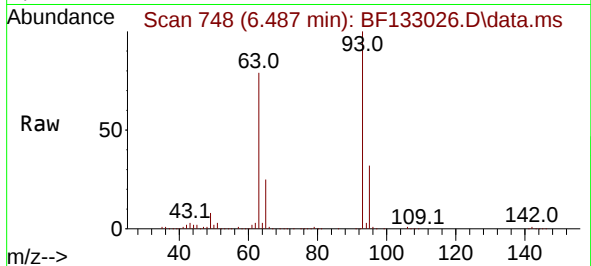




#11
bis(2-Chloroethyl)ether
Concen: 40.384 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

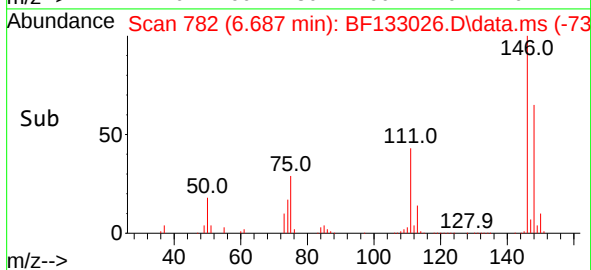
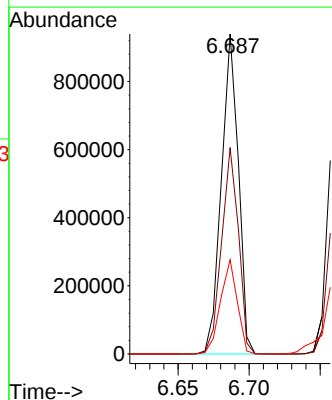
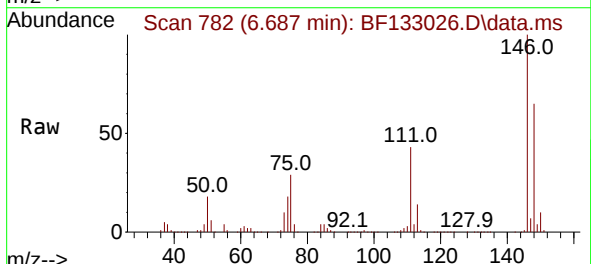
Instrument :
BNA_F
ClientSampleId :
PB152293BS

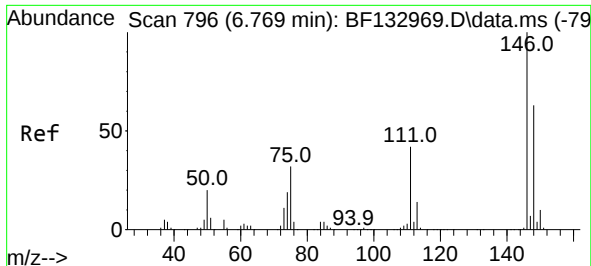
Tgt Ion: 93 Resp: 705828
Ion Ratio Lower Upper
93 100
63 79.4 60.6 100.6
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 42.485 ng
RT: 6.687 min Scan# 782
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:146 Resp: 780101
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 29.5 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 43.682 ng

RT: 6.763 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB152293BS

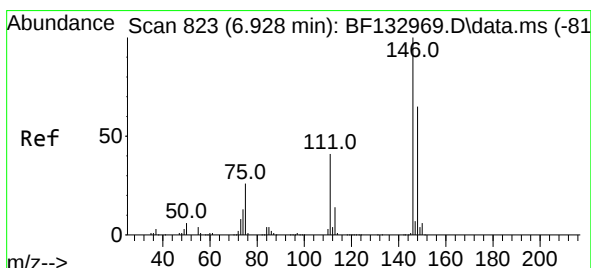
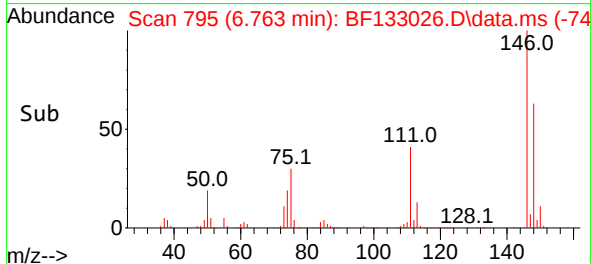
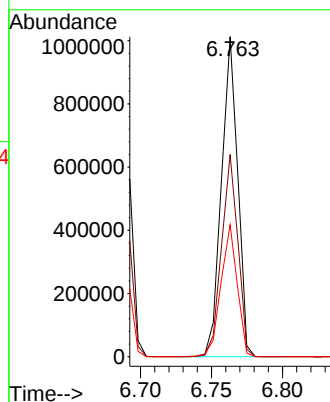
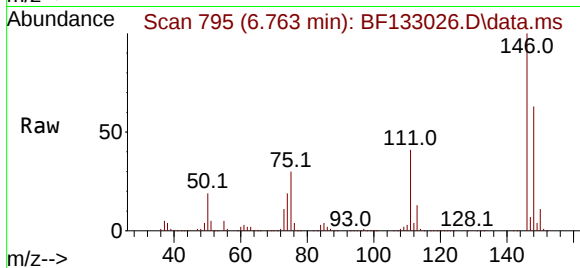
Tgt Ion:146 Resp: 803849

Ion Ratio Lower Upper

146 100

148 63.2 50.3 75.5

111 41.3 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 43.510 ng

RT: 6.916 min Scan# 821

Delta R.T. -0.012 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

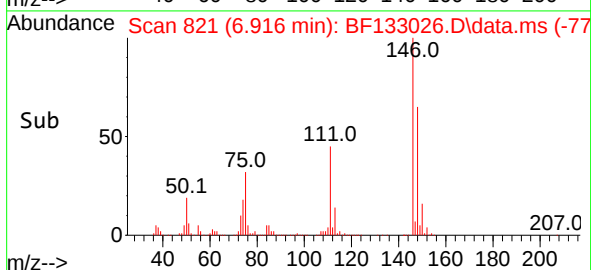
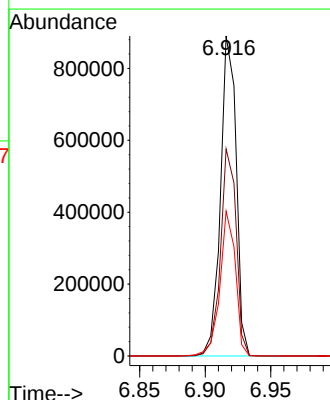
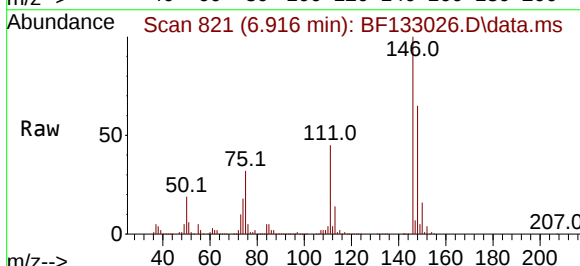
Tgt Ion:146 Resp: 738188

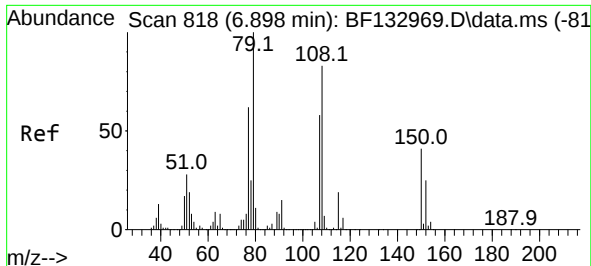
Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

111 45.3 32.8 49.2

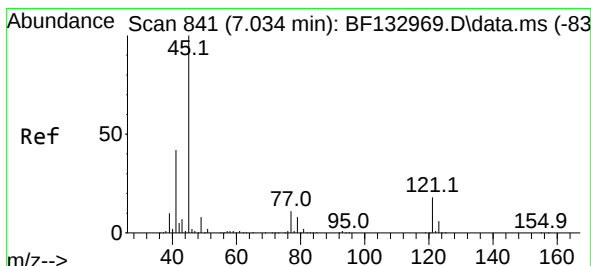
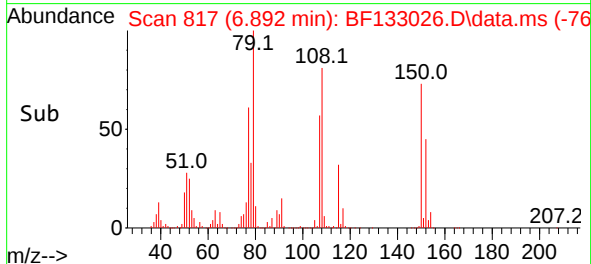
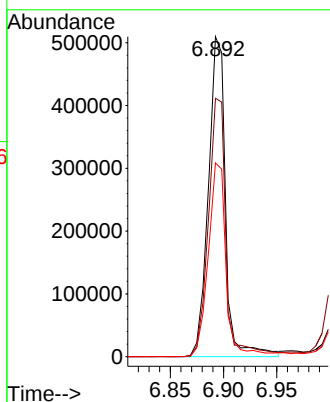
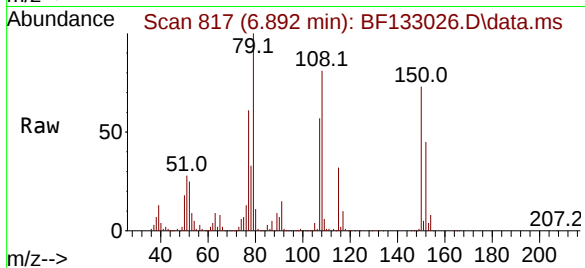




#15
Benzyl Alcohol
Concen: 39.142 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

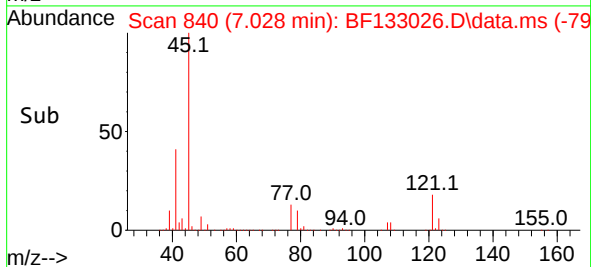
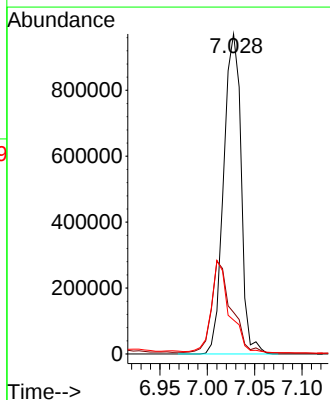
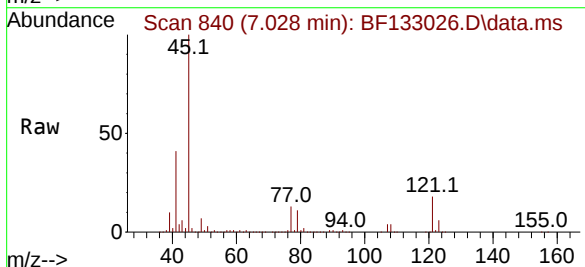
Instrument :
BNA_F
ClientSampleId :
PB152293BS

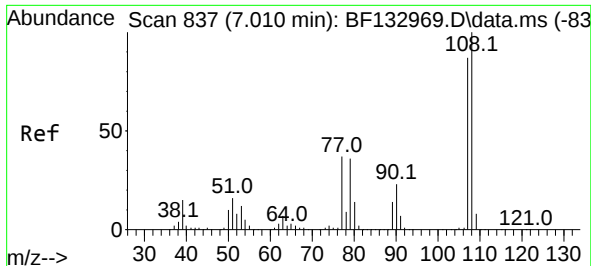
Tgt Ion: 79 Resp: 570838
Ion Ratio Lower Upper
79 100
108 80.8 66.6 99.8
77 60.6 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.956 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion: 45 Resp: 1243305
Ion Ratio Lower Upper
45 100
77 13.0 0.0 31.5
79 10.6 0.0 28.7



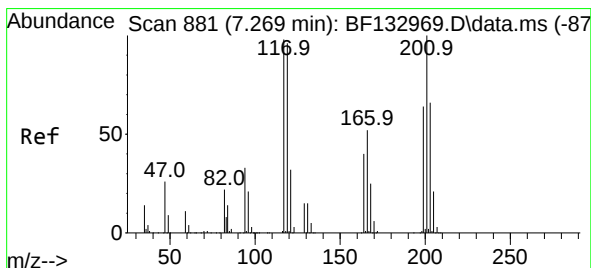
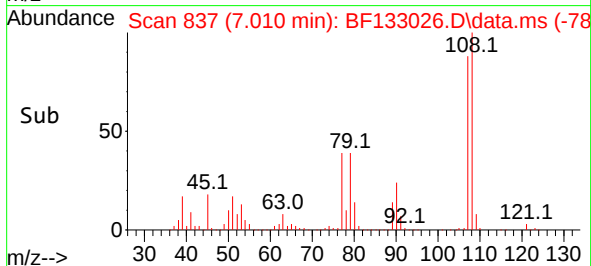
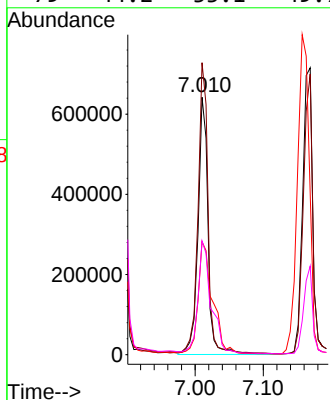
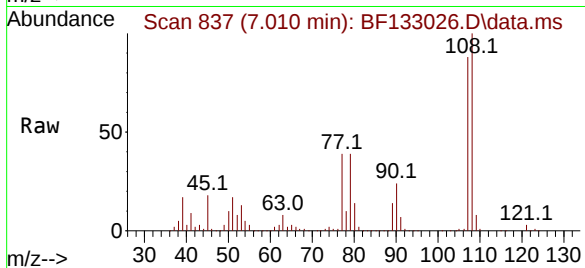


#17
2-Methylphenol
Concen: 41.819 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Instrument :
BNA_F
ClientSampleId :
PB152293BS

Tgt Ion:107 Resp: 661343

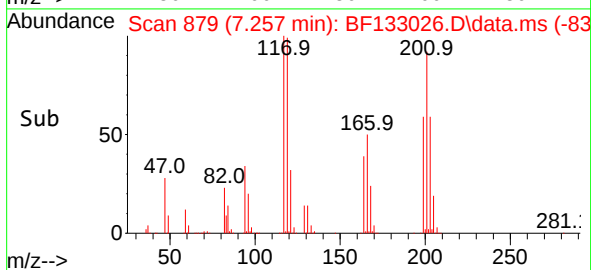
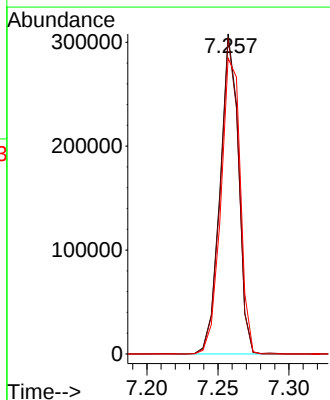
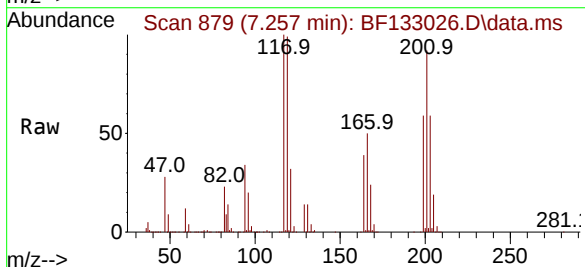
Ion	Ratio	Lower	Upper
107	100		
108	113.4	92.4	138.6
77	43.9	33.8	50.8
79	44.2	33.1	49.7

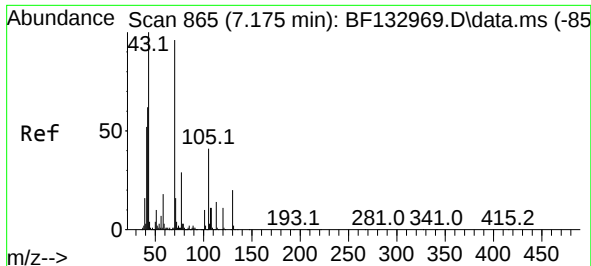


#18
Hexachloroethane
Concen: 43.353 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:117 Resp: 277368

Ion	Ratio	Lower	Upper
117	100		
119	98.8	78.2	117.4
201	92.4	81.7	122.5



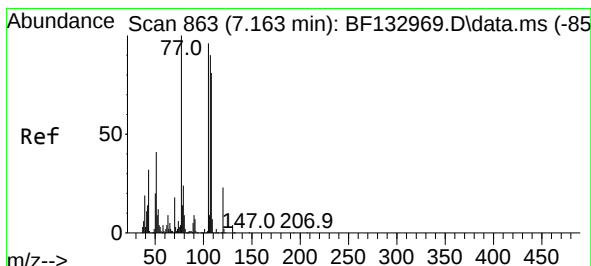
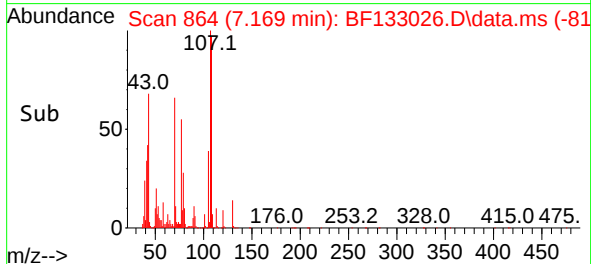
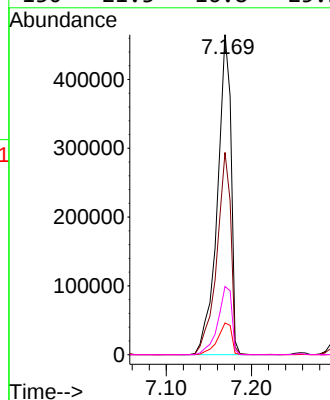
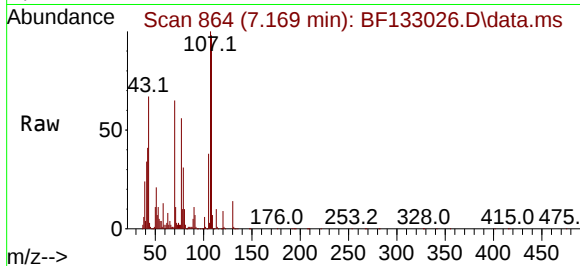


#19
n-Nitroso-di-n-propylamine
Concen: 39.352 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Instrument :
BNA_F
ClientSampleId :
PB152293BS

Tgt Ion: 70 Resp: 517239

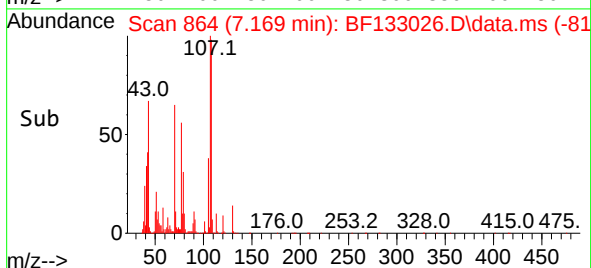
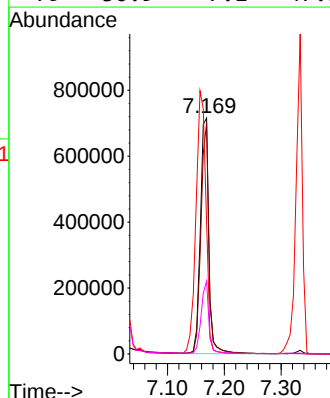
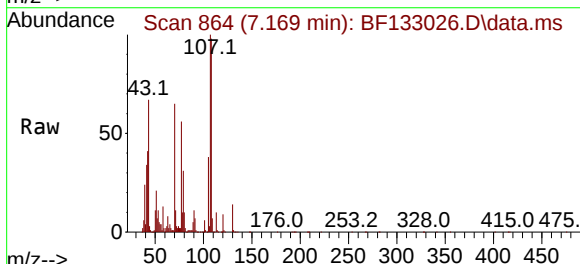
Ion	Ratio	Lower	Upper
70	100		
42	63.2	51.8	77.6
101	9.9	8.0	12.0
130	21.3	16.8	25.2

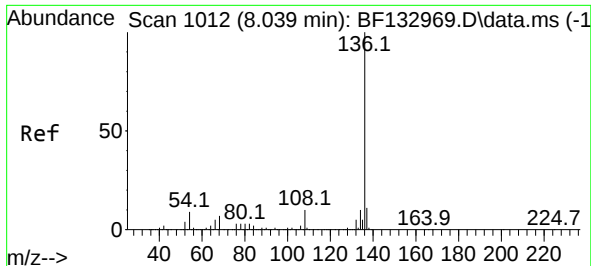


#20
3+4-Methylphenols
Concen: 40.125 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion: 107 Resp: 747285

Ion	Ratio	Lower	Upper
107	100		
108	97.8	70.5	110.5
77	56.1	91.7	131.7#
79	30.9	7.1	47.1

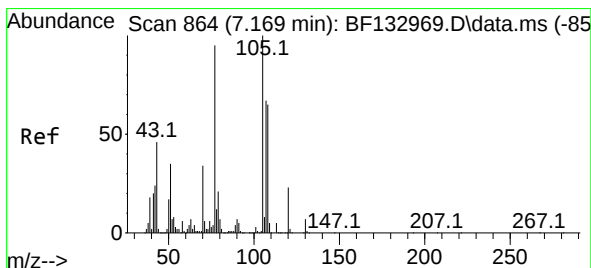
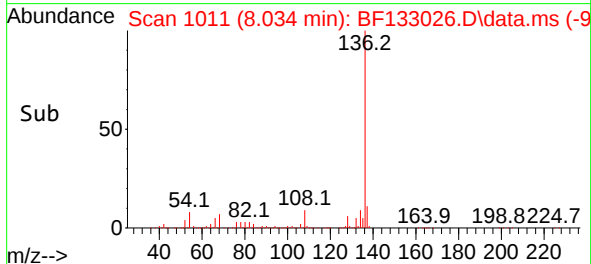
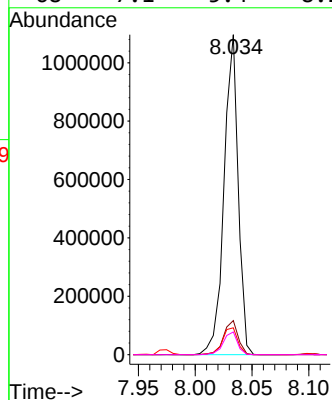
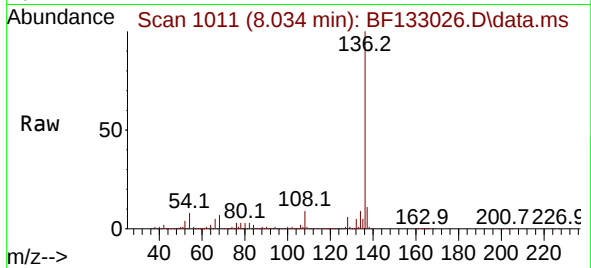




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

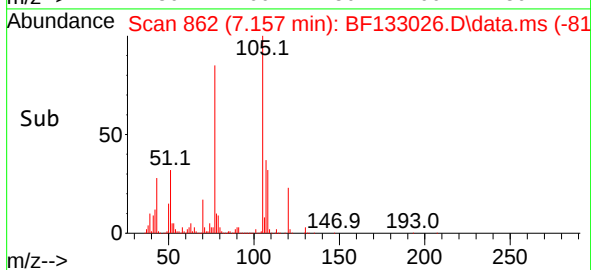
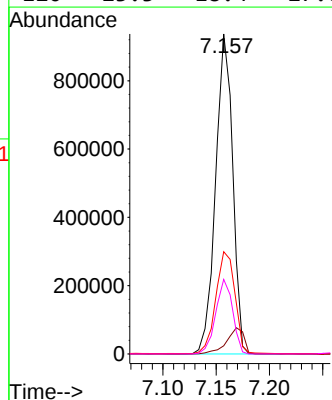
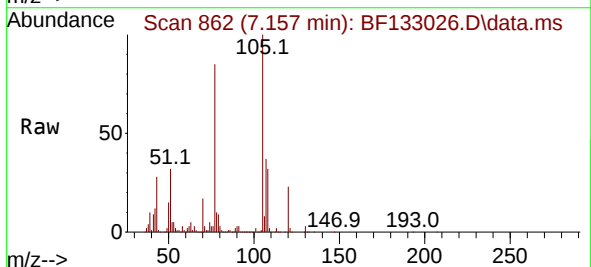
Instrument :
BNA_F
ClientSampleId :
PB152293BS

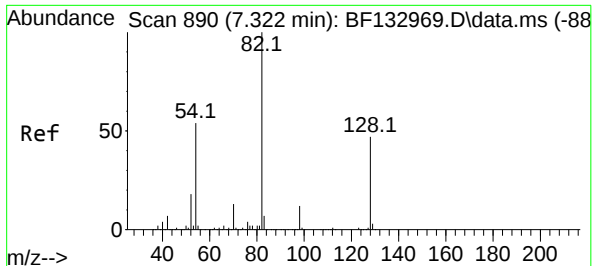
Tgt Ion:136 Resp: 950200
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 7.0 10.4
68 7.1 5.4 8.2



#22
Acetophenone
Concen: 47.225 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:105 Resp: 1039475
Ion Ratio Lower Upper
105 100
71 2.5 4.6 7.0#
51 31.9 28.2 42.2
120 23.3 18.4 27.6





#23

Nitrobenzene-d5

Concen: 70.705 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB152293BS

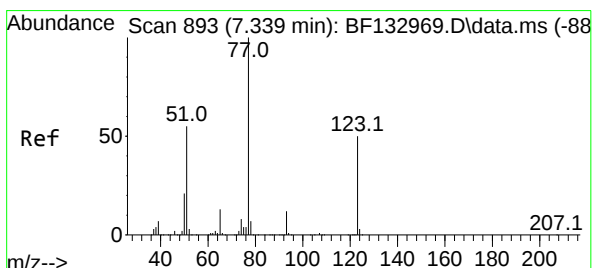
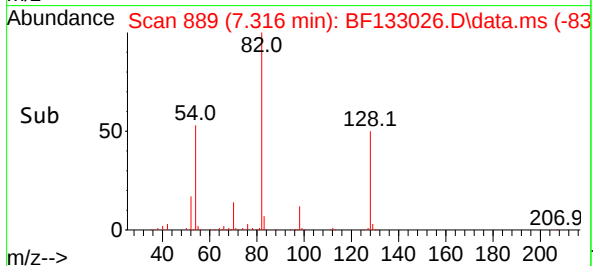
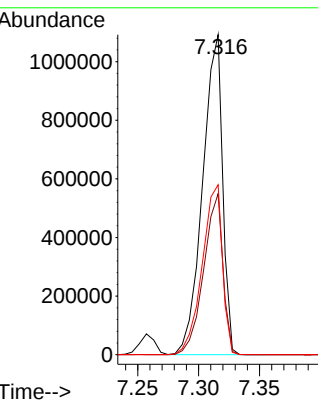
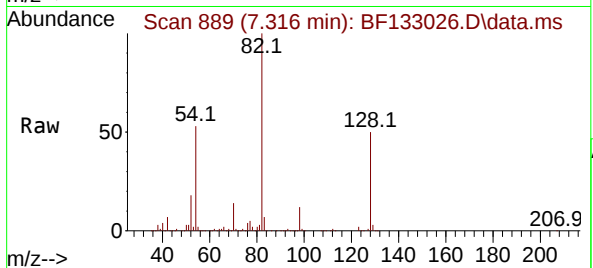
Tgt Ion: 82 Resp: 1244683

Ion Ratio Lower Upper

82 100

128 50.3 37.7 56.5

54 53.1 43.0 64.4



#24

Nitrobenzene

Concen: 41.920 ng

RT: 7.334 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

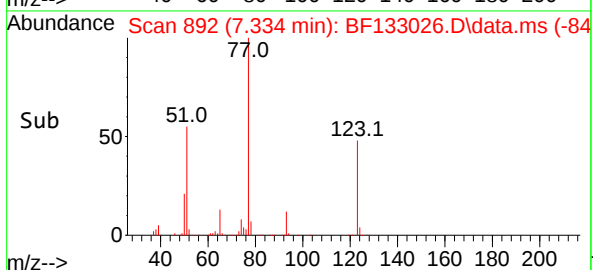
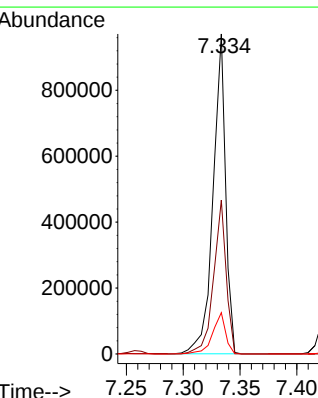
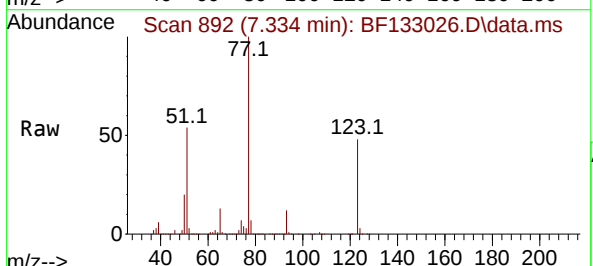
Tgt Ion: 77 Resp: 747793

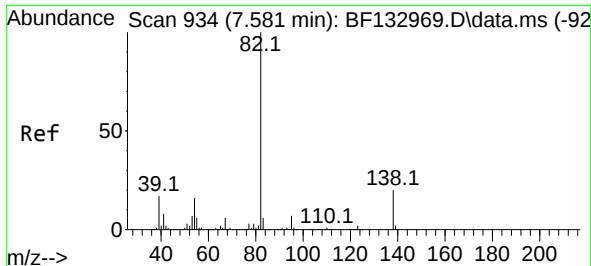
Ion Ratio Lower Upper

77 100

123 48.1 39.9 59.9

65 12.9 10.7 16.1

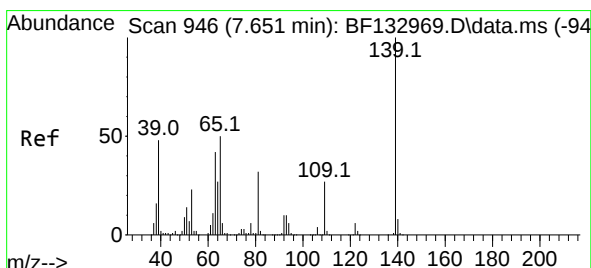
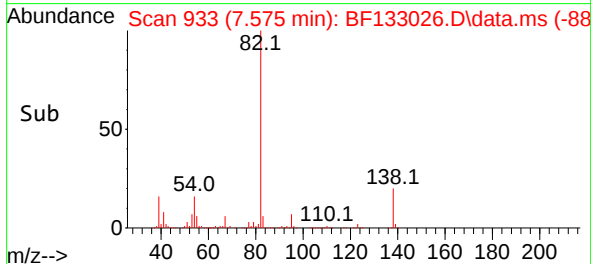
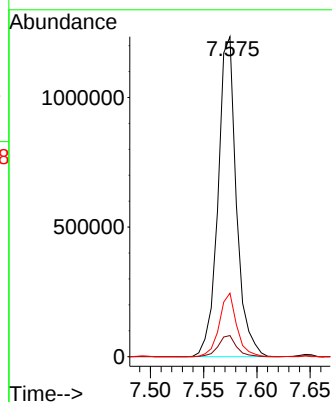
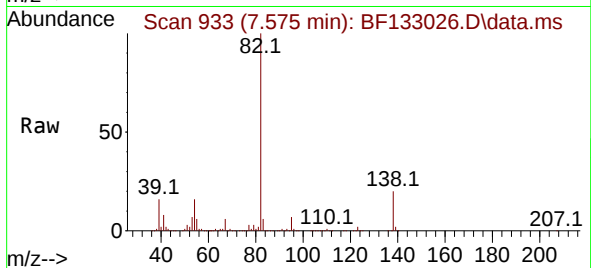




#25
Isophorone
Concen: 44.330 ng
RT: 7.575 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

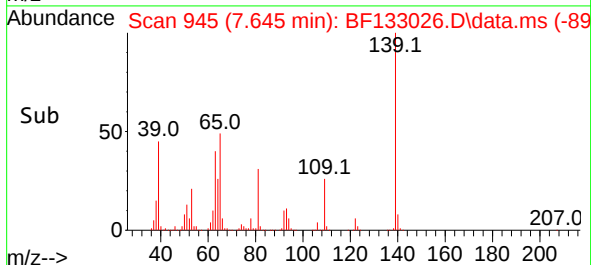
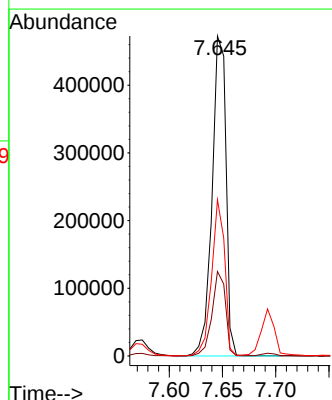
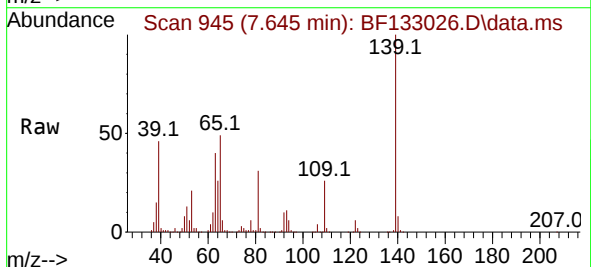
Instrument :
BNA_F
ClientSampleId :
PB152293BS

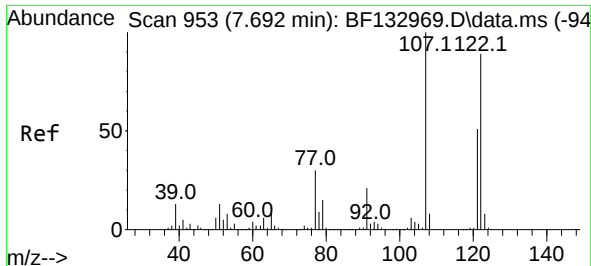
Tgt Ion: 82 Resp: 1481682
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.8 16.0 24.0



#26
2-Nitrophenol
Concen: 50.257 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:139 Resp: 432413
Ion Ratio Lower Upper
139 100
109 26.4 21.6 32.4
65 48.8 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 45.073 ng

RT: 7.692 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB152293BS

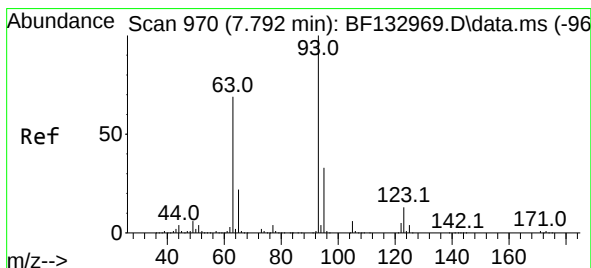
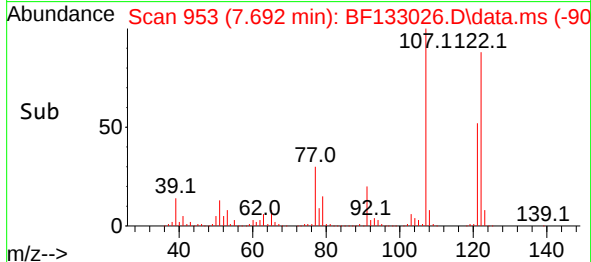
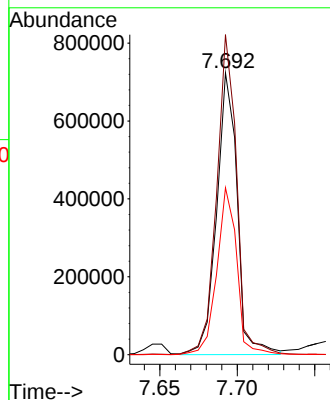
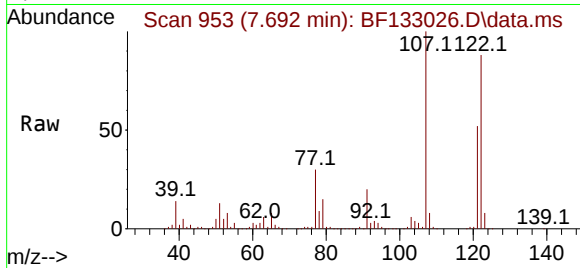
Tgt Ion:122 Resp: 664990

Ion Ratio Lower Upper

122 100

107 113.5 89.7 134.5

121 59.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.686 ng

RT: 7.786 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

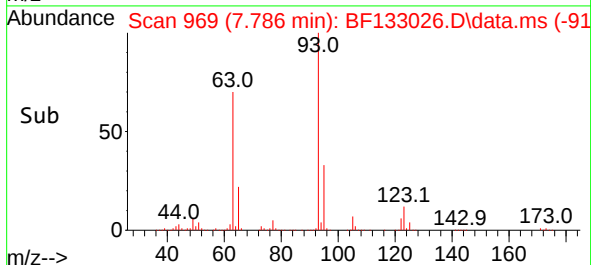
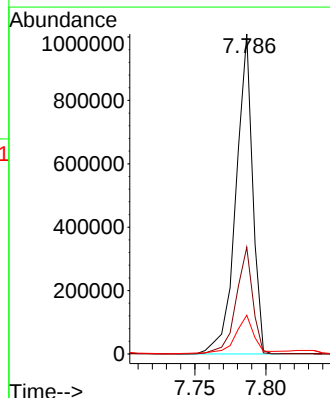
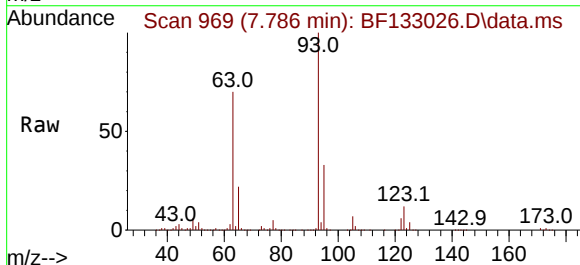
Tgt Ion: 93 Resp: 824267

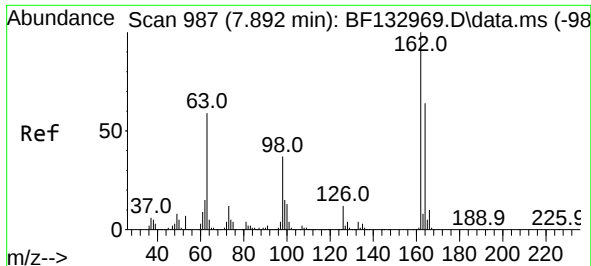
Ion Ratio Lower Upper

93 100

95 33.4 26.4 39.6

123 12.1 10.3 15.5

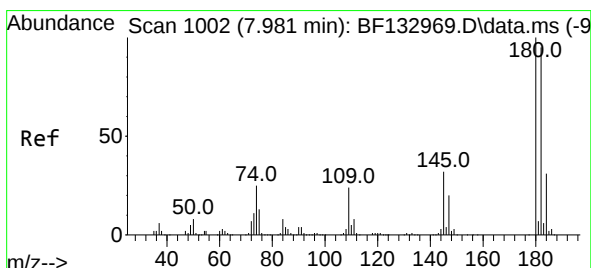
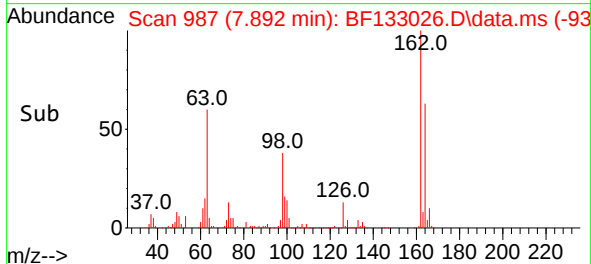
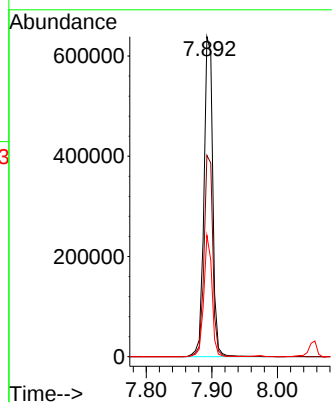
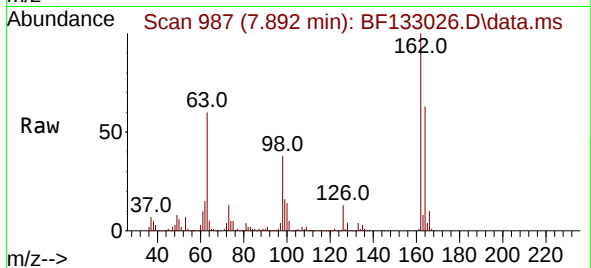




#29
2,4-Dichlorophenol
Concen: 44.377 ng
RT: 7.892 min Scan# 98
Delta R.T. 0.000 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

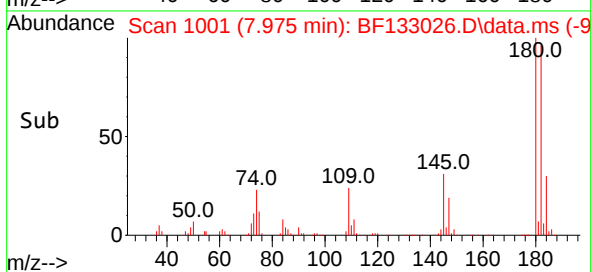
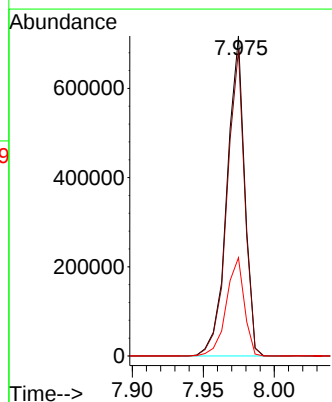
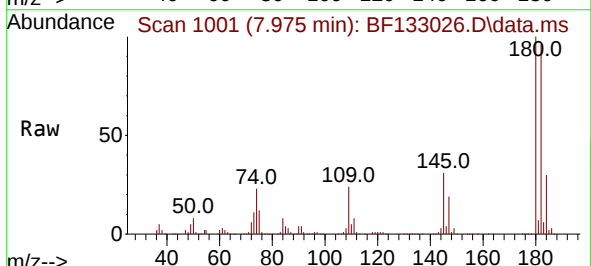
Instrument :
BNA_F
ClientSampleId :
PB152293BS

Tgt Ion:162 Resp: 596015
Ion Ratio Lower Upper
162 100
164 62.9 43.9 83.9
98 37.9 17.0 57.0



#30
1,2,4-Trichlorobenzene
Concen: 44.658 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:180 Resp: 621372
Ion Ratio Lower Upper
180 100
182 95.6 75.9 113.9
145 30.7 25.3 37.9

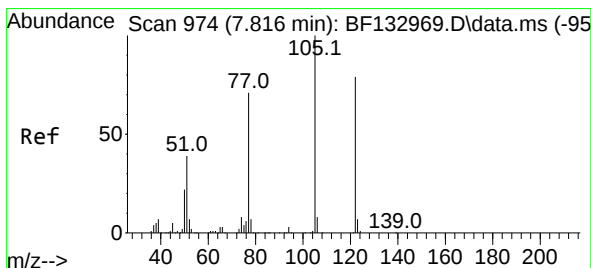
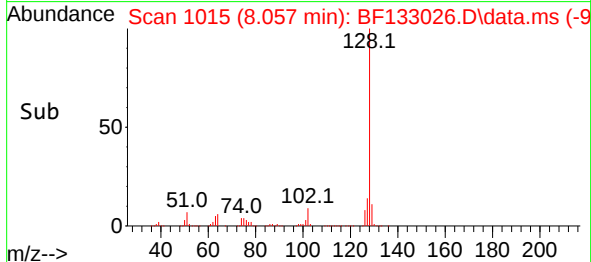
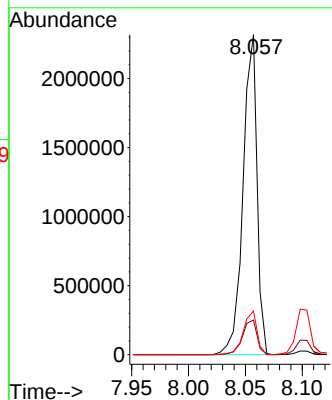
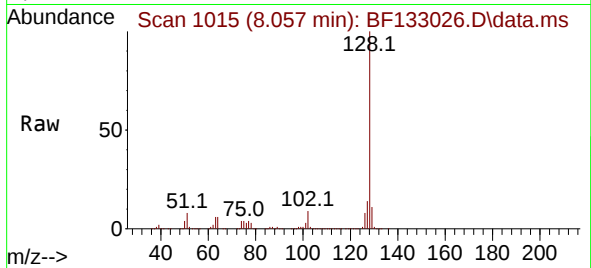




#31
Naphthalene
Concen: 41.730 ng
RT: 8.057 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

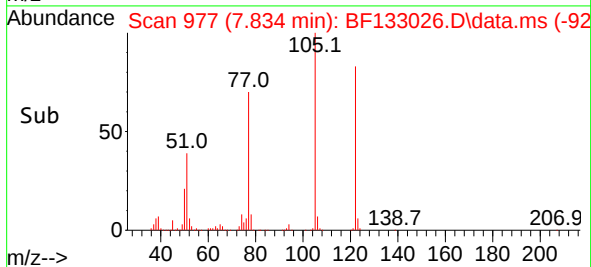
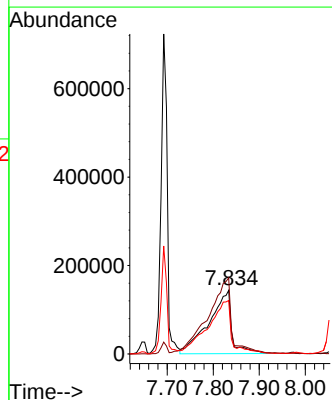
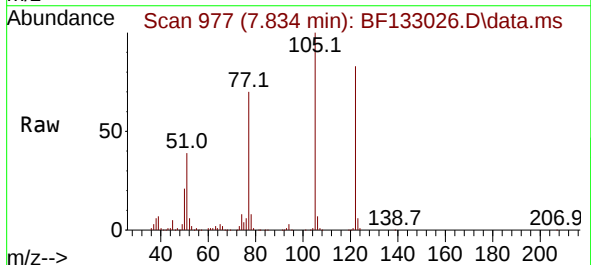
Instrument :
BNA_F
ClientSampleId :
PB152293BS

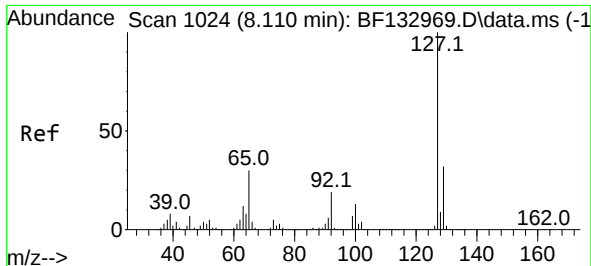
Tgt Ion:128 Resp: 1982467
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 54.288 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:122 Resp: 494728
Ion Ratio Lower Upper
122 100
105 119.9 104.2 144.2
77 84.0 69.7 109.7

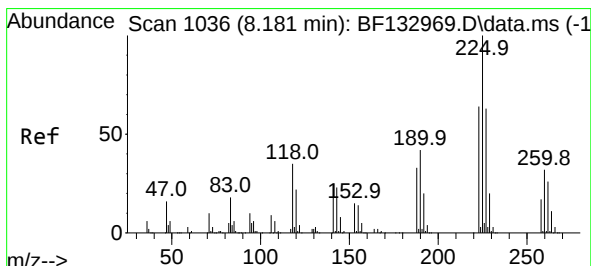
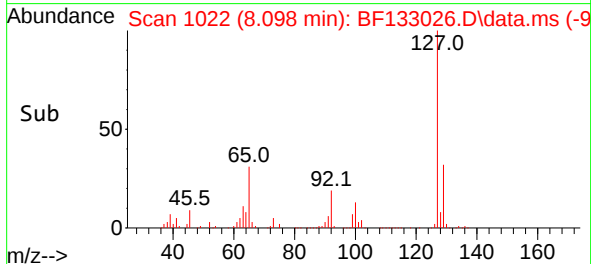
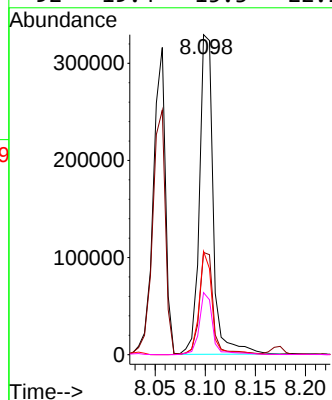
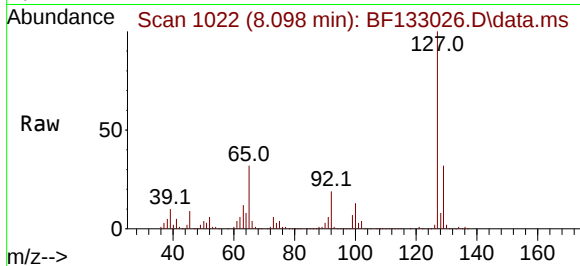




#33
4-Chloroaniline
Concen: 16.474 ng
RT: 8.098 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

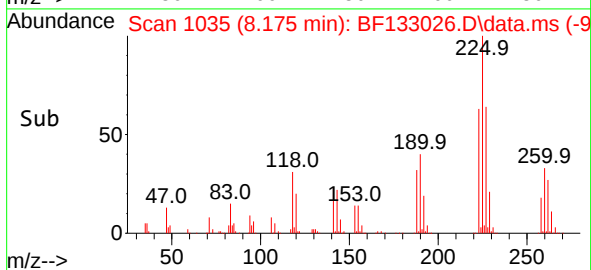
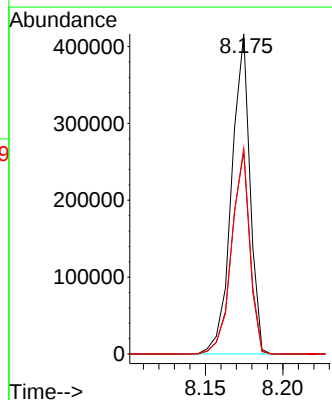
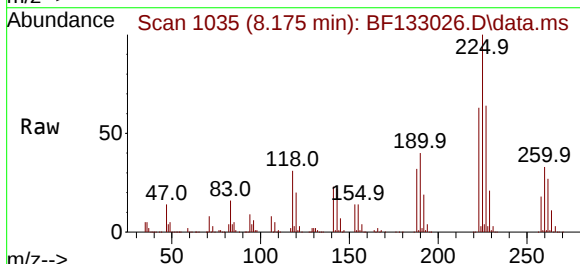
Instrument :
BNA_F
ClientSampleId :
PB152293BS

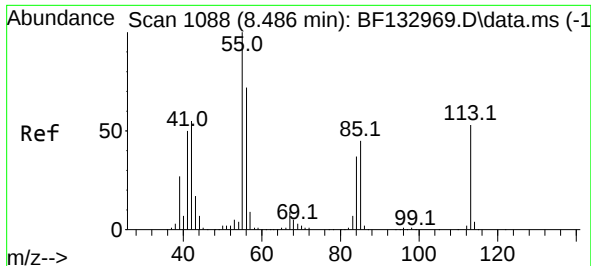
Tgt Ion:127	Resp: 316214
Ion Ratio	Lower Upper
127 100	
129 32.0	25.8 38.8
65 32.3	23.6 35.4
92 19.4	15.3 22.9



#34
Hexachlorobutadiene
Concen: 44.473 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:225	Resp: 342973
Ion Ratio	Lower Upper
225 100	
223 63.3	50.9 76.3
227 64.3	50.3 75.5

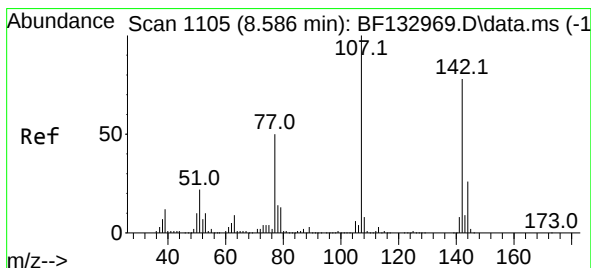
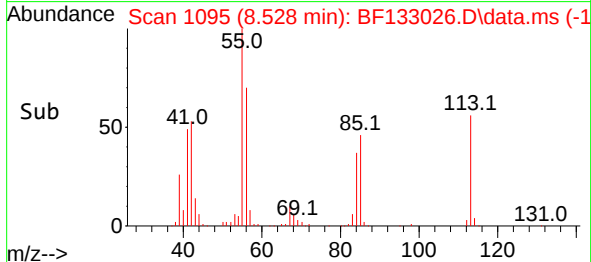
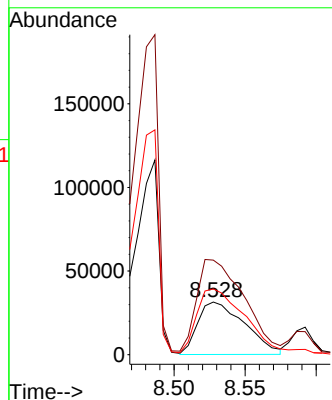
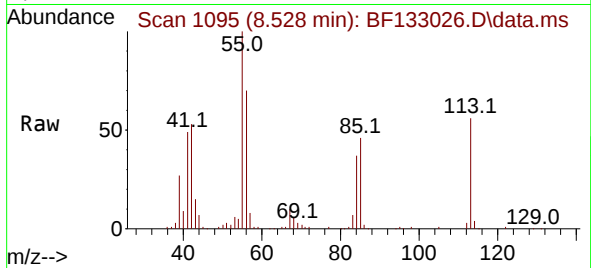




#35
 Caprolactam
 Concen: 16.015 ng
 RT: 8.528 min Scan# 1106
 Delta R.T. 0.041 min
 Lab File: BF133026.D
 Acq: 25 Apr 2023 12:05

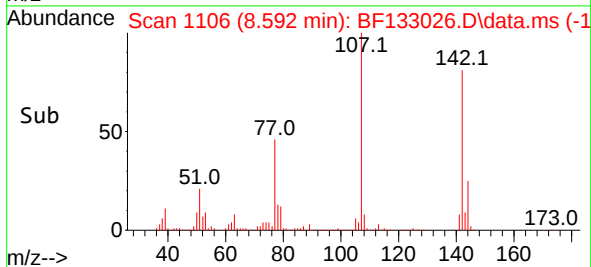
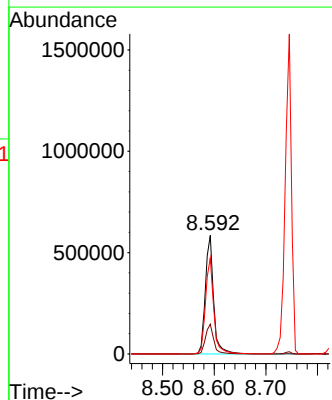
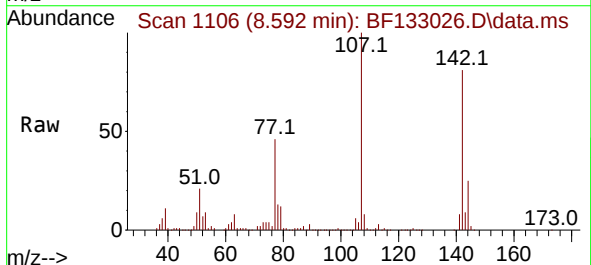
Instrument :
 BNA_F
 ClientSampleId :
 PB152293BS

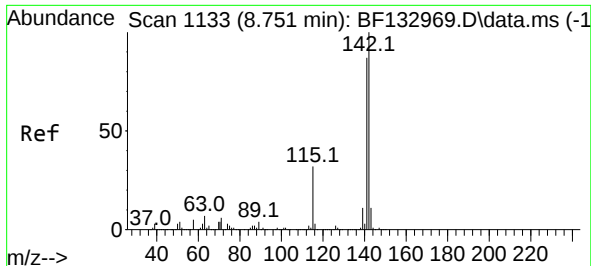
Tgt Ion:113 Resp: 72256
 Ion Ratio Lower Upper
 113 100
 55 179.8 167.1 207.1
 56 125.2 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.726 ng
 RT: 8.592 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF133026.D
 Acq: 25 Apr 2023 12:05

Tgt Ion:107 Resp: 647777
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.6 30.8
 142 80.9 62.8 94.2





#37

2-Methylnaphthalene

Concen: 40.774 ng

RT: 8.745 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

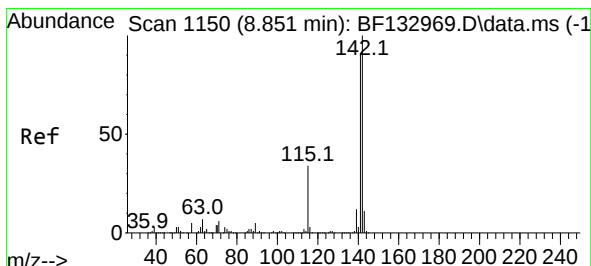
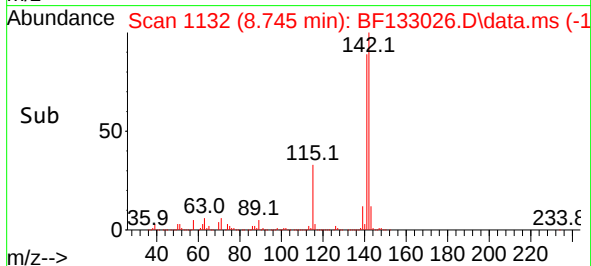
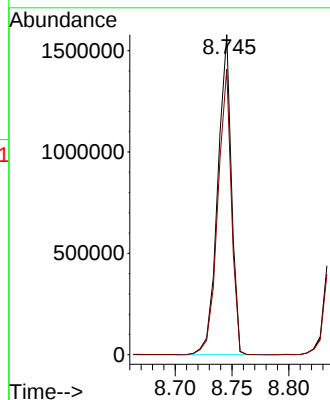
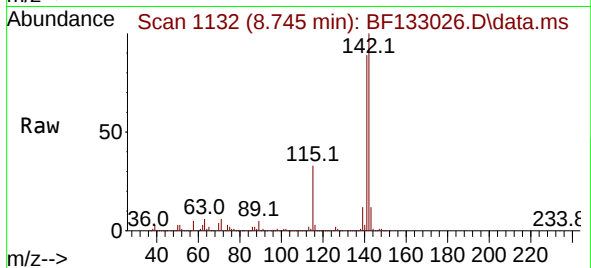
PB152293BS

Tgt Ion:142 Resp: 1324327

Ion Ratio Lower Upper

142 100

141 89.2 69.4 104.0



#38

1-Methylnaphthalene

Concen: 43.009 ng

RT: 8.845 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF133026.D

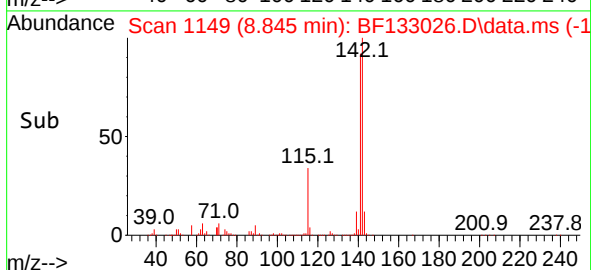
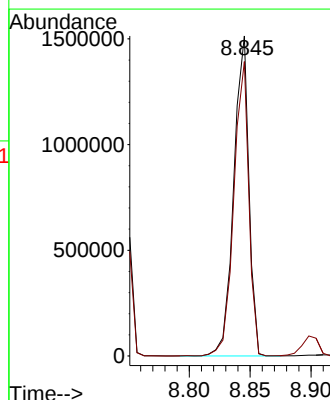
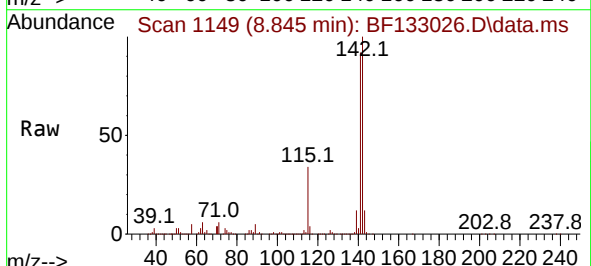
Acq: 25 Apr 2023 12:05

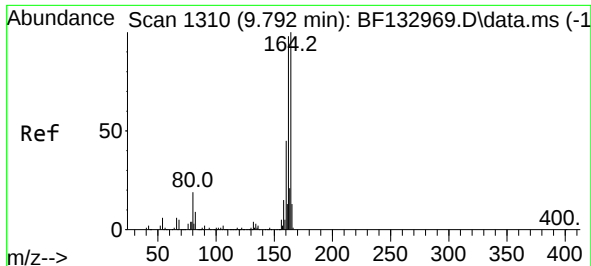
Tgt Ion:142 Resp: 1306779

Ion Ratio Lower Upper

142 100

141 92.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 11309

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB152293BS

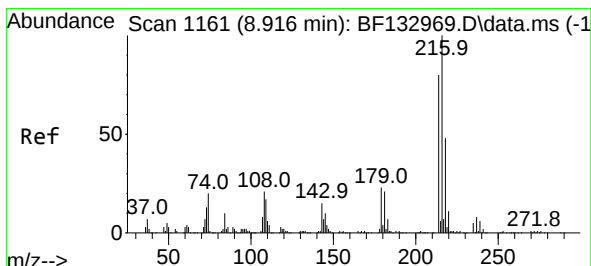
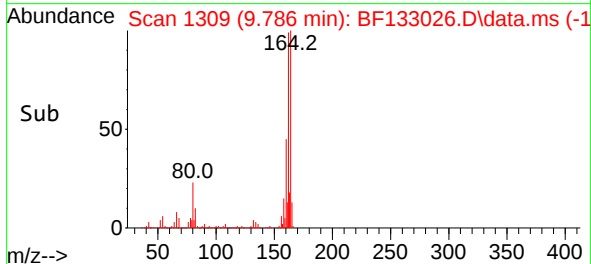
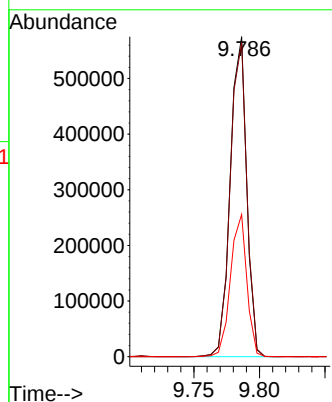
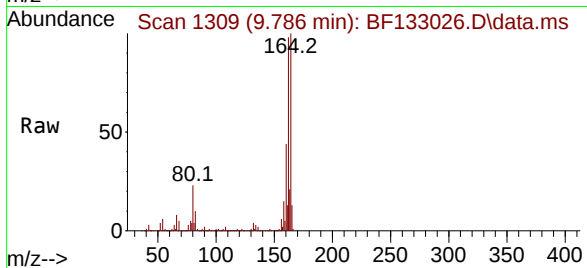
Tgt Ion:164 Resp: 501141

Ion Ratio Lower Upper

164 100

162 98.3 78.7 118.1

160 44.5 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.911 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Tgt Ion:216 Resp: 551251

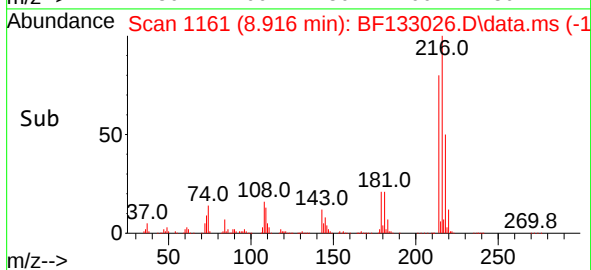
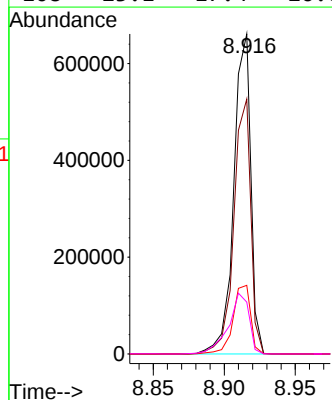
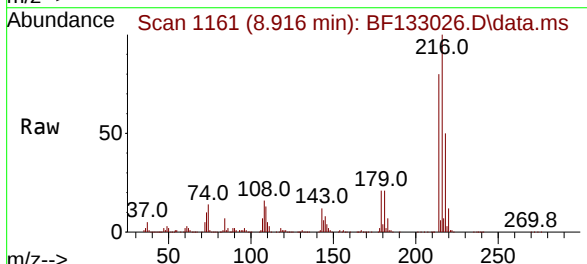
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 22.2 17.4 26.2

108 23.1 17.4 26.0

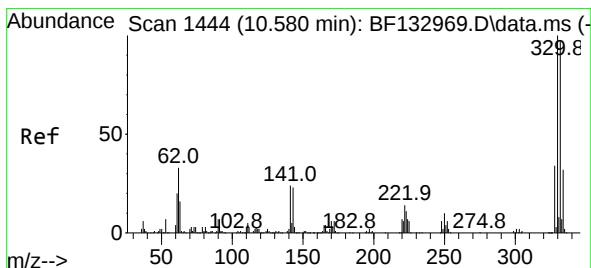
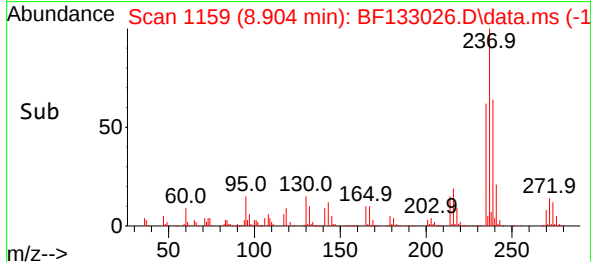
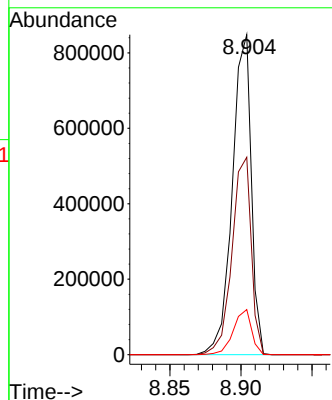
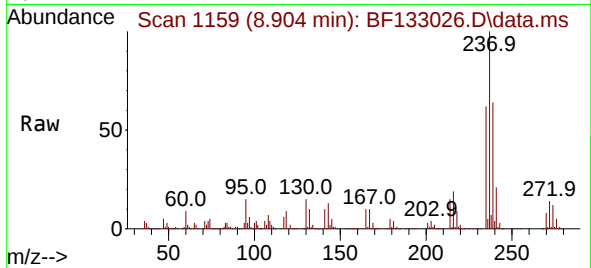




#41
Hexachlorocyclopentadiene
Concen: 100.040 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

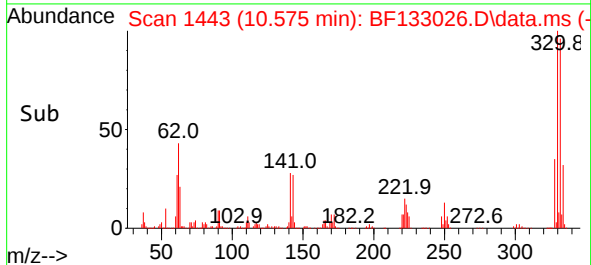
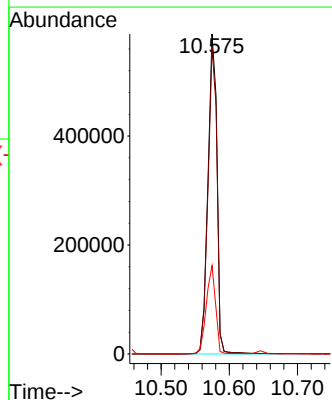
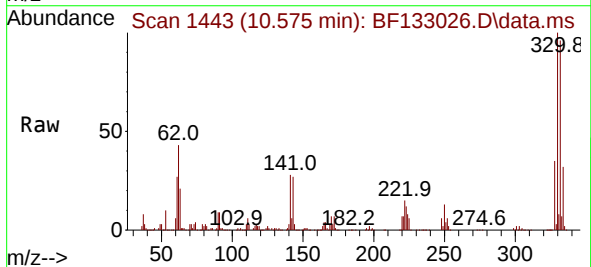
Instrument :
BNA_F
ClientSampleId :
PB152293BS

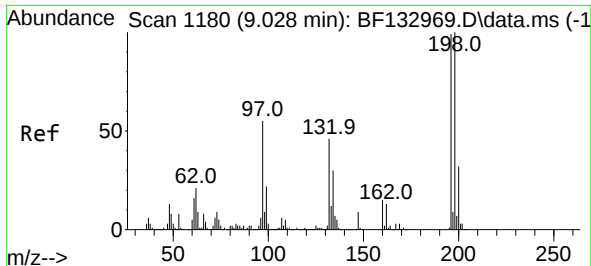
Tgt Ion:237 Resp: 786136
Ion Ratio Lower Upper
237 100
235 61.7 43.5 83.5
272 14.1 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 108.032 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:330 Resp: 544472
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 28.4 25.8 38.8

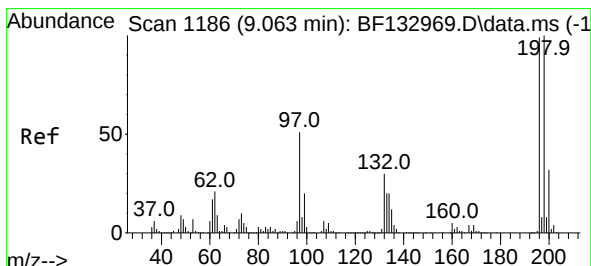
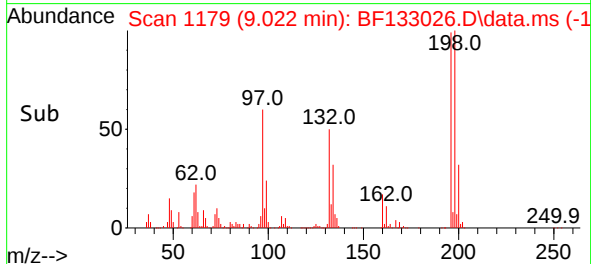
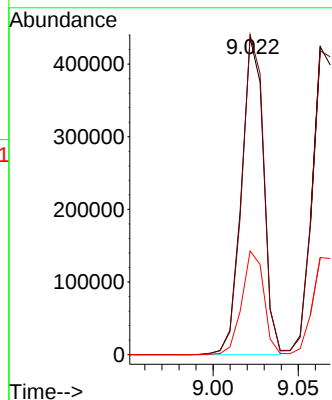
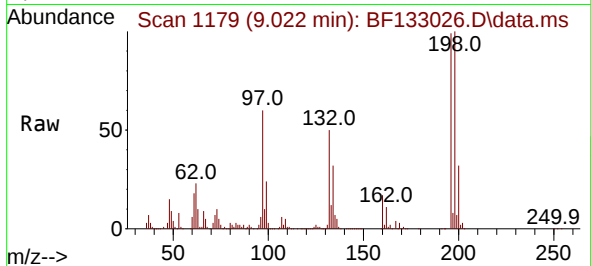




#43
2,4,6-Trichlorophenol
Concen: 42.280 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

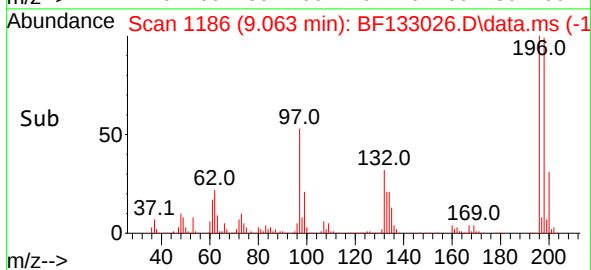
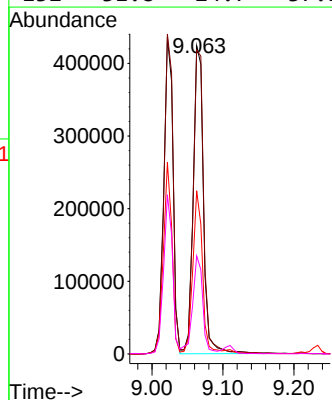
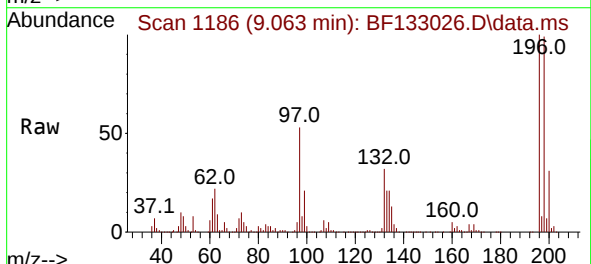
Instrument :
BNA_F
ClientSampleId :
PB152293BS

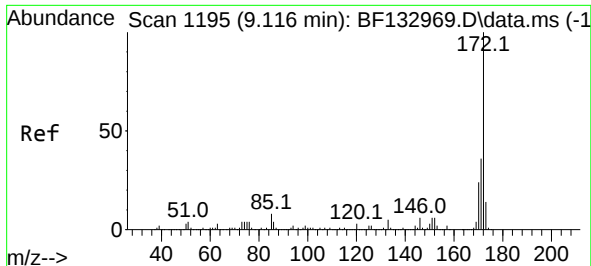
Tgt Ion:196 Resp: 393978
Ion Ratio Lower Upper
196 100
198 101.0 81.0 121.6
200 32.7 26.1 39.1



#44
2,4,5-Trichlorophenol
Concen: 39.707 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:196 Resp: 427923
Ion Ratio Lower Upper
196 100
198 98.6 80.9 121.3
97 53.0 41.3 61.9
132 31.8 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 70.039 ng

RT: 9.110 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB152293BS

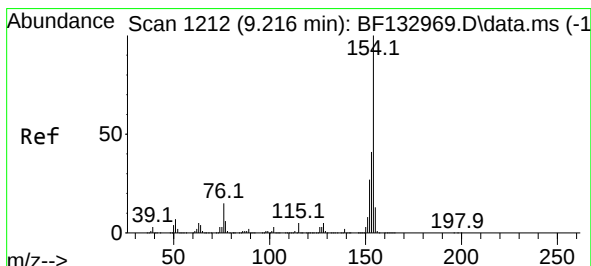
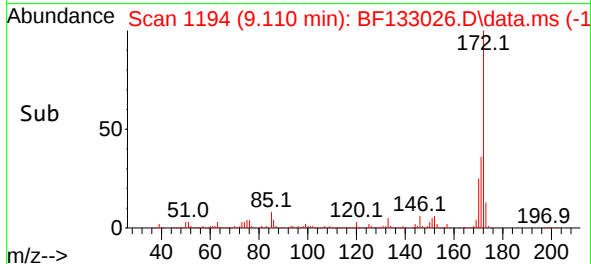
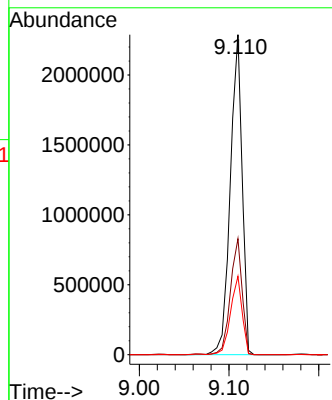
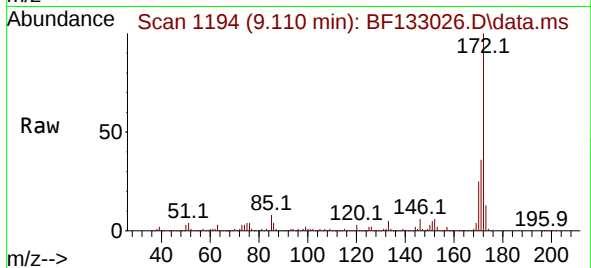
Tgt Ion:172 Resp: 2097984

Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.5 19.4 29.2



#46

1,1'-Biphenyl

Concen: 41.082 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

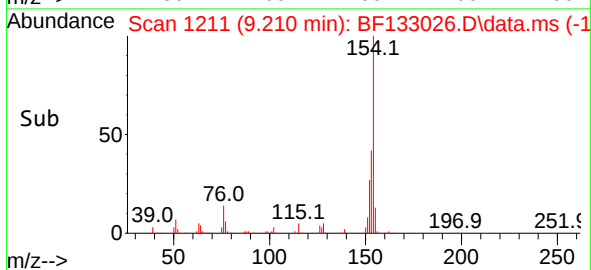
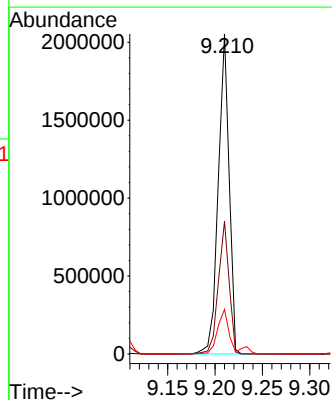
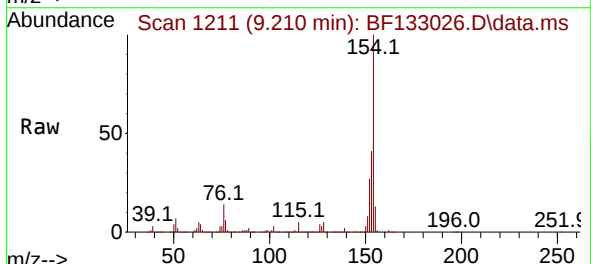
Tgt Ion:154 Resp: 1632527

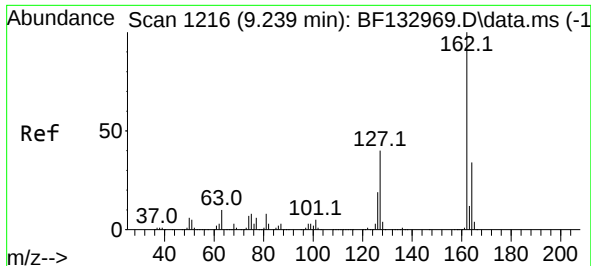
Ion Ratio Lower Upper

154 100

153 41.5 21.0 61.0

76 13.9 0.0 34.5





#47

2-Chloronaphthalene

Concen: 42.250 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB152293BS

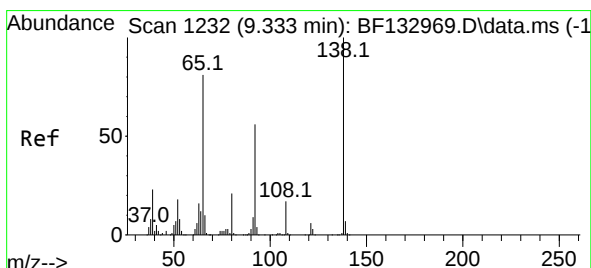
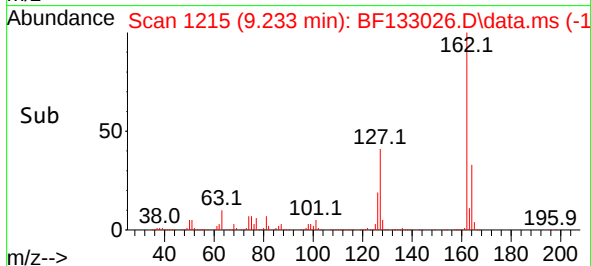
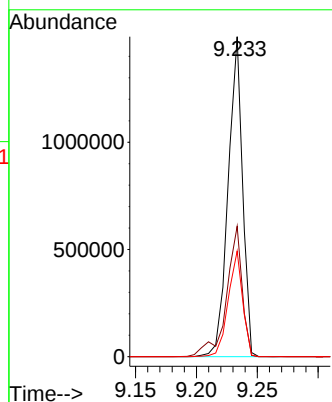
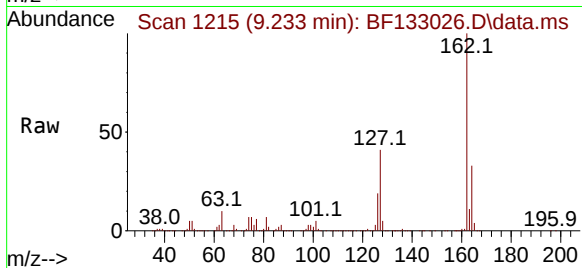
Tgt Ion:162 Resp: 1228873

Ion Ratio Lower Upper

162 100

127 40.7 32.3 48.5

164 33.0 26.8 40.2



#48

2-Nitroaniline

Concen: 41.043 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

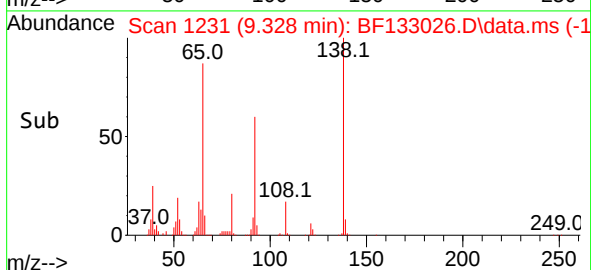
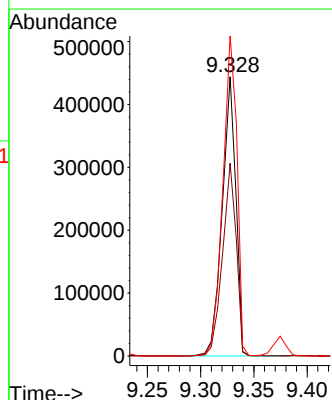
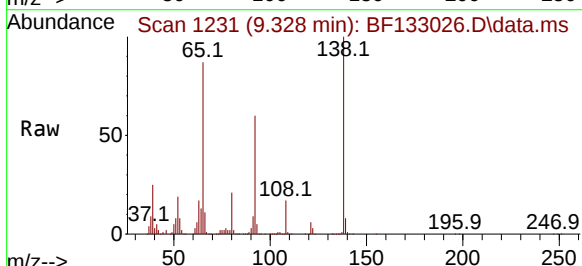
Tgt Ion: 65 Resp: 394533

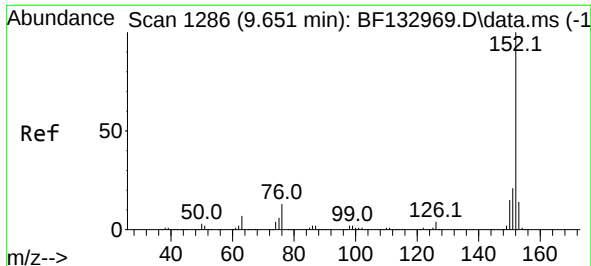
Ion Ratio Lower Upper

65 100

92 69.1 55.4 83.0

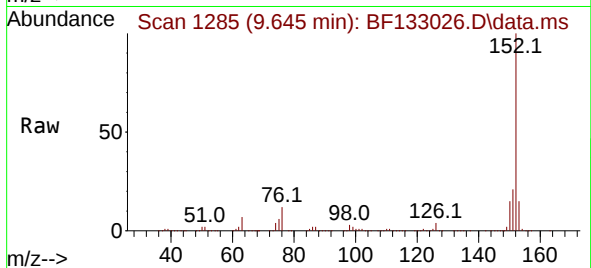
138 114.6 98.2 147.2



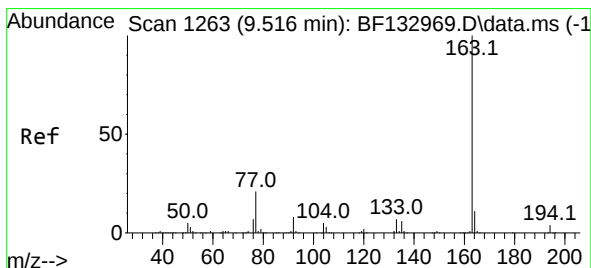
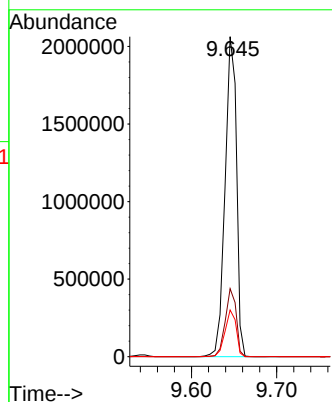
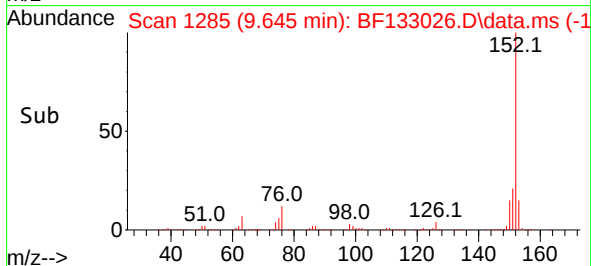


#49
Acenaphthylene
Concen: 41.403 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

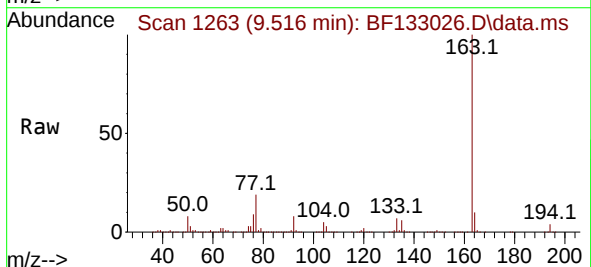
Instrument :
BNA_F
ClientSampleId :
PB152293BS



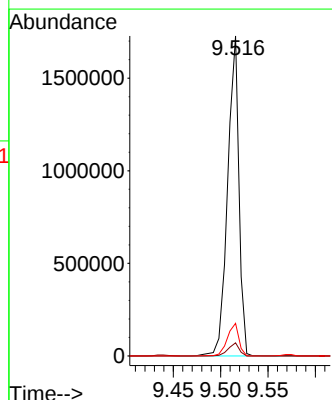
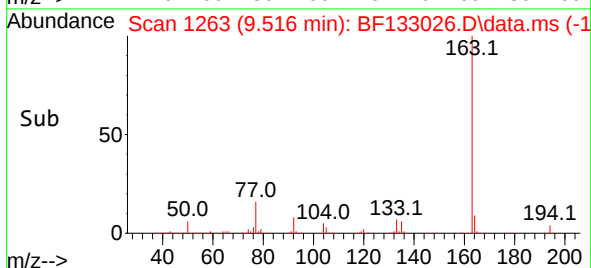
Tgt Ion:152 Resp: 1924182
Ion Ratio Lower Upper
152 100
151 21.3 16.6 24.8
153 14.6 11.5 17.3

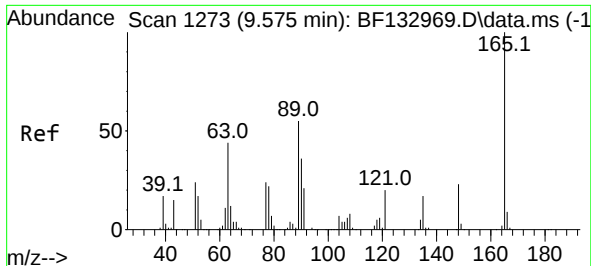


#50
Dimethylphthalate
Concen: 41.092 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05



Tgt Ion:163 Resp: 1435891
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.5 12.7

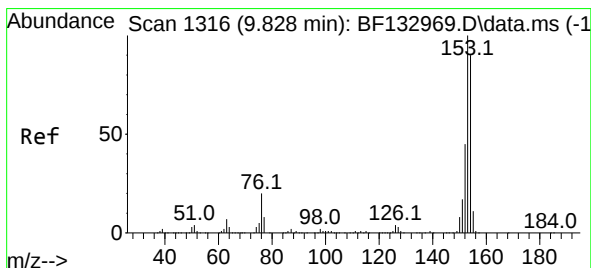
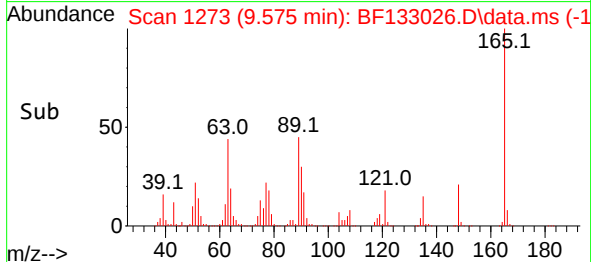
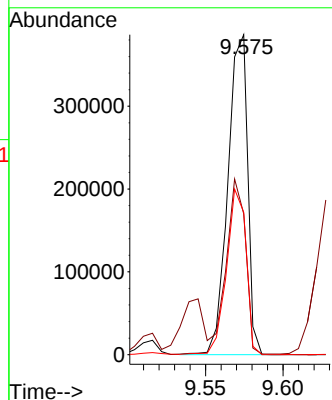
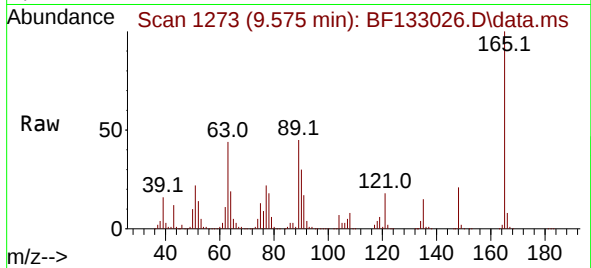




#51
2,6-Dinitrotoluene
Concen: 43.669 ng
RT: 9.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

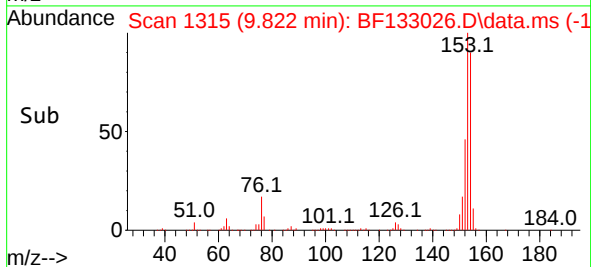
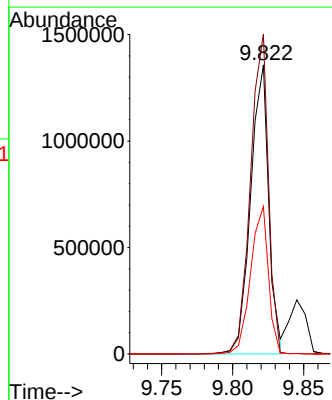
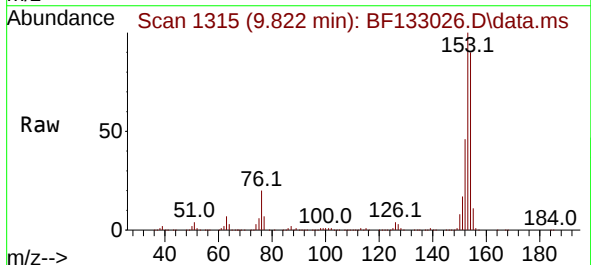
Instrument :
BNA_F
ClientSampleId :
PB152293BS

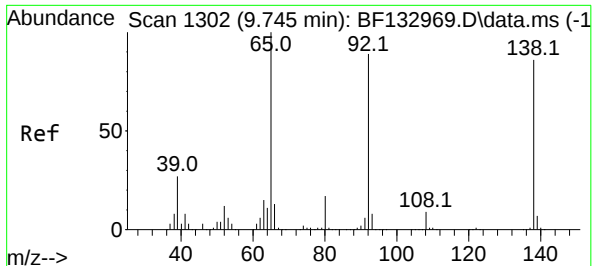
Tgt Ion:165 Resp: 343450
Ion Ratio Lower Upper
165 100
63 44.0 45.9 68.9#
89 44.5 44.0 66.0



#52
Acenaphthene
Concen: 38.652 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:154 Resp: 1203097
Ion Ratio Lower Upper
154 100
153 110.7 89.0 133.6
152 51.0 40.4 60.6

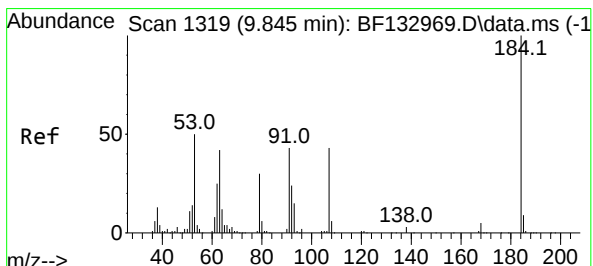
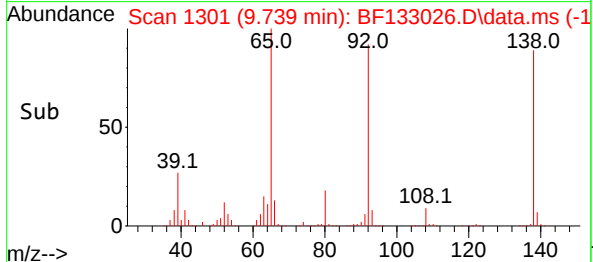
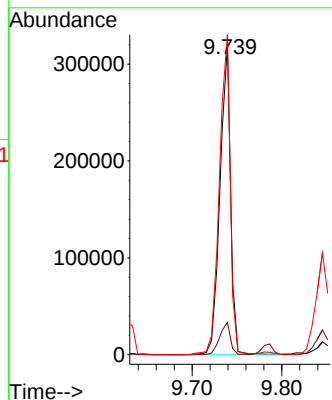
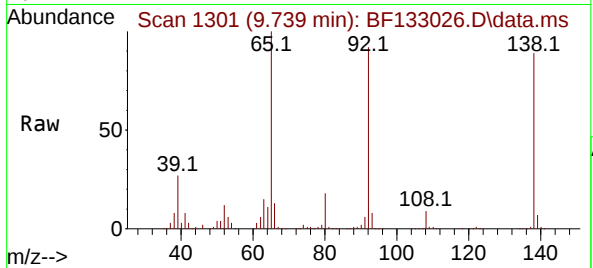




#53
3-Nitroaniline
Concen: 28.052 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

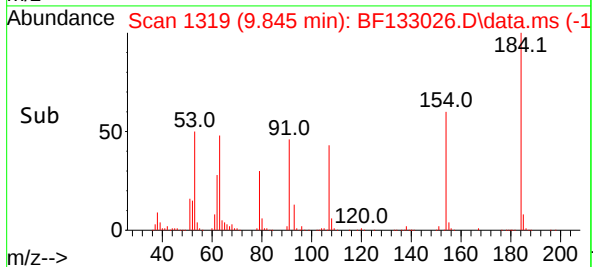
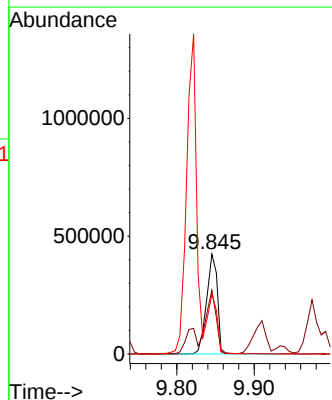
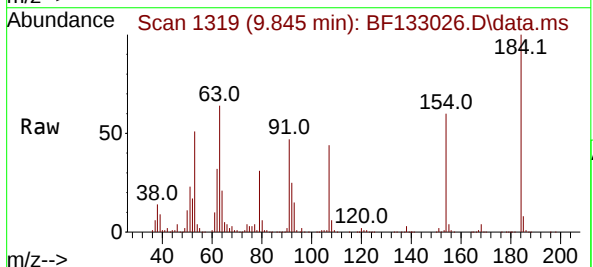
Instrument :
BNA_F
ClientSampleId :
PB152293BS

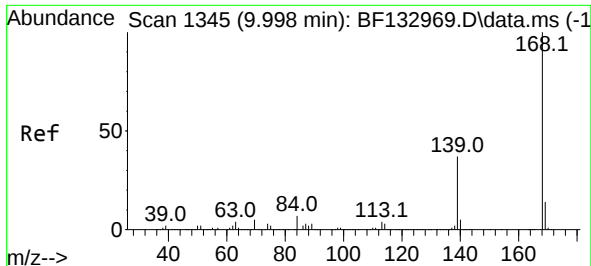
Tgt Ion:138 Resp: 262326
Ion Ratio Lower Upper
138 100
108 10.5 8.0 12.0
92 103.4 83.6 125.4



#54
2,4-Dinitrophenol
Concen: 104.623 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:184 Resp: 413604
Ion Ratio Lower Upper
184 100
63 63.8 49.8 74.8
154 59.9 49.5 74.3

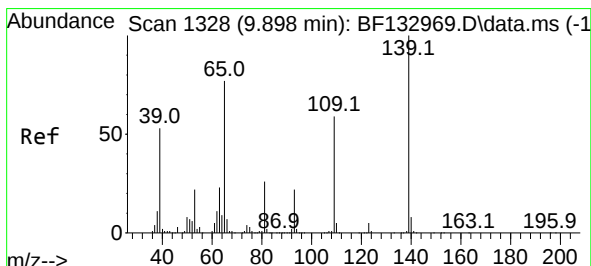
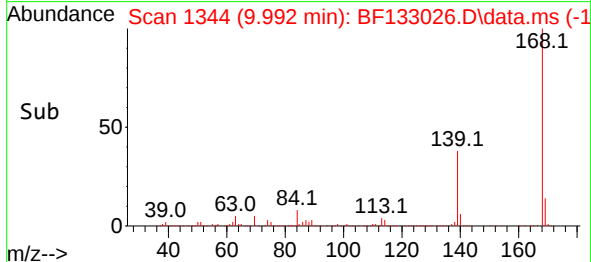
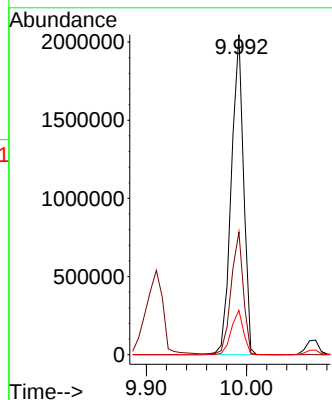
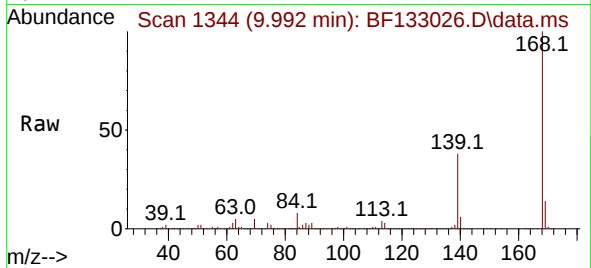




#55
Dibenzenofuran
Concen: 40.793 ng
RT: 9.992 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

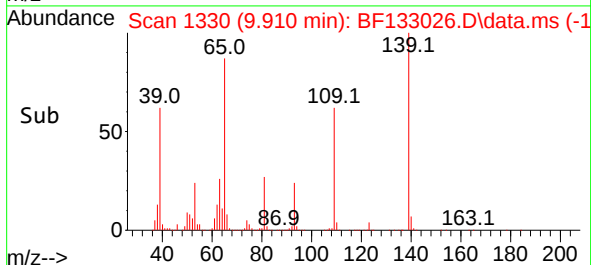
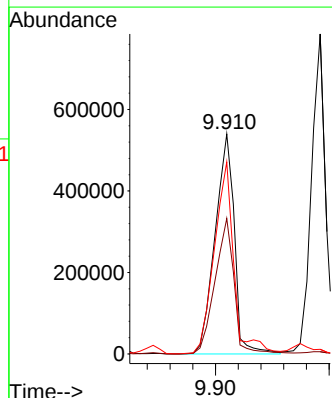
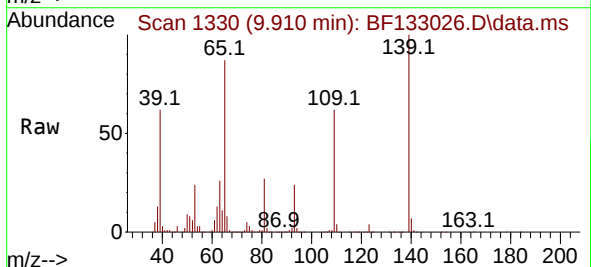
Instrument :
BNA_F
ClientSampleId :
PB152293BS

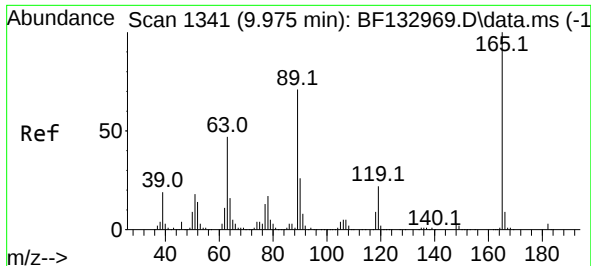
Tgt Ion:168 Resp: 1732066
Ion Ratio Lower Upper
168 100
139 38.4 29.8 44.8
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 88.047 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:139 Resp: 637718
Ion Ratio Lower Upper
139 100
109 61.6 39.4 79.4
65 87.3 57.5 97.5





#57

2,4-Dinitrotoluene

Concen: 44.618 ng

RT: 9.975 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB152293BS

Tgt Ion:165 Resp: 447517

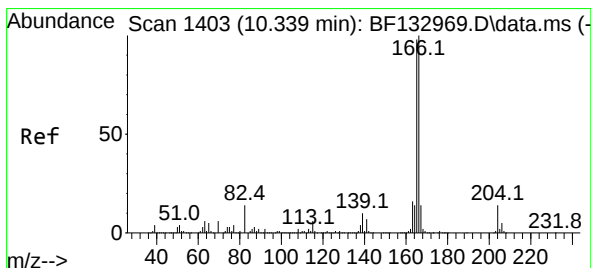
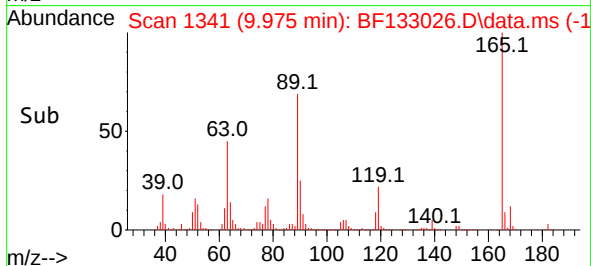
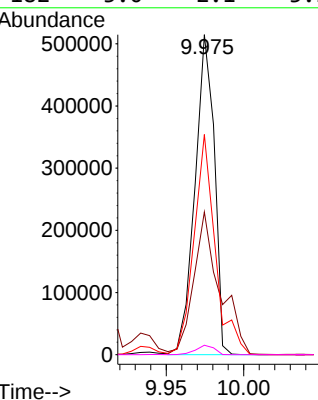
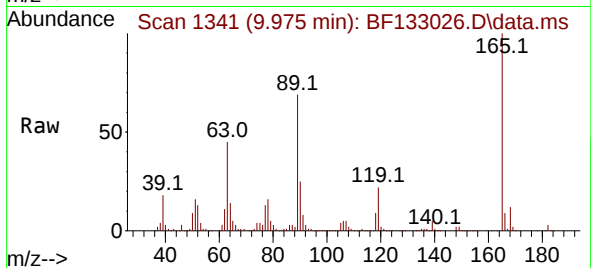
Ion Ratio Lower Upper

165 100

63 44.6 37.7 56.5

89 68.8 57.0 85.4

182 3.0 2.1 3.1



#58

Fluorene

Concen: 40.912 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

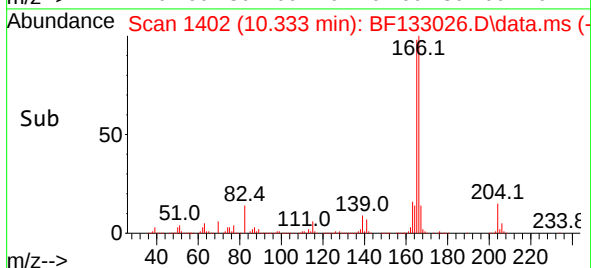
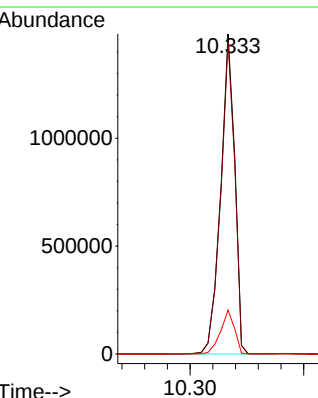
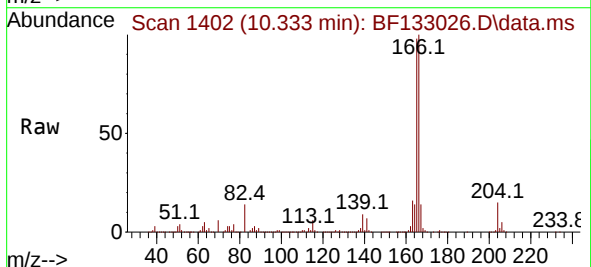
Tgt Ion:166 Resp: 1272659

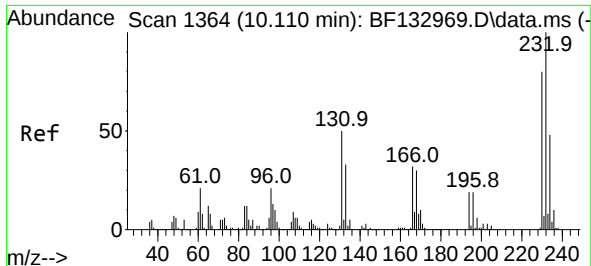
Ion Ratio Lower Upper

166 100

165 97.7 78.6 117.8

167 13.7 11.0 16.4

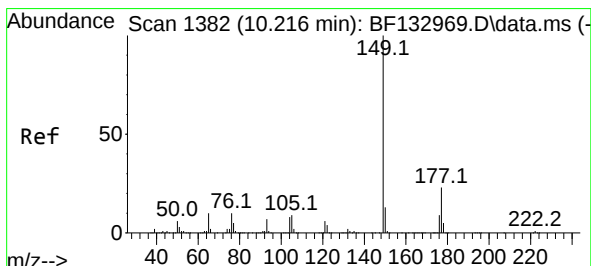
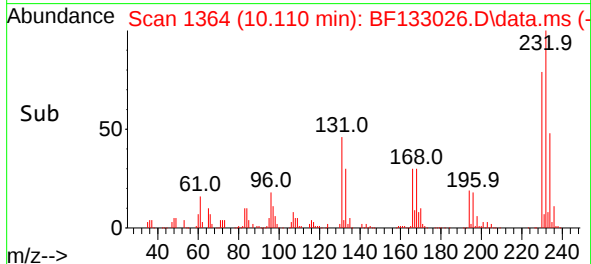
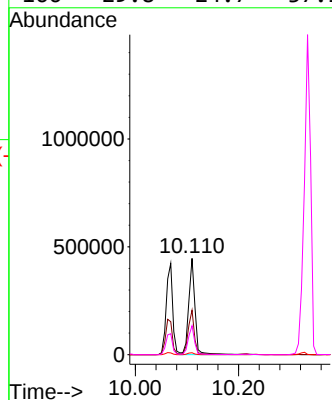
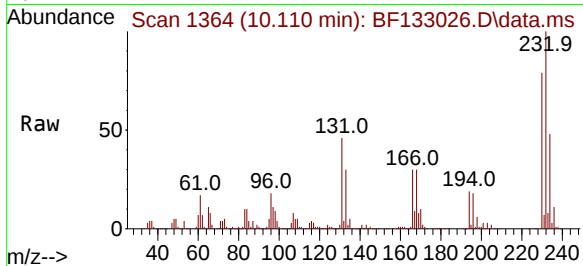




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.723 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

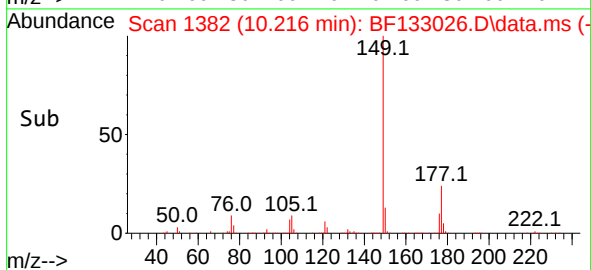
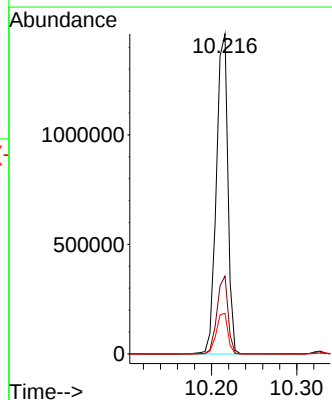
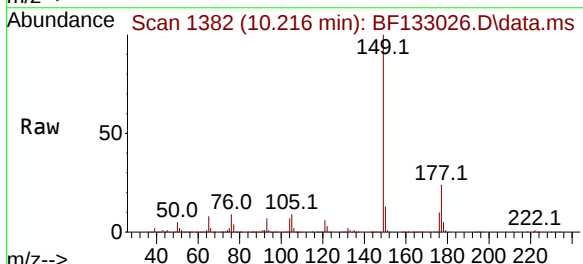
Instrument :
BNA_F
ClientSampleId :
PB152293BS

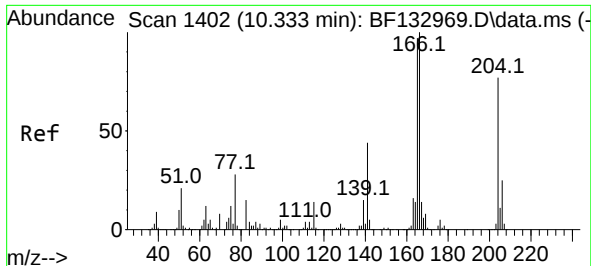
Tgt Ion:232 Resp: 373662
Ion Ratio Lower Upper
232 100
131 44.9 38.0 57.0
130 2.2 1.8 2.8
166 29.8 24.7 37.1



#60
Diethylphthalate
Concen: 41.520 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:149 Resp: 1370414
Ion Ratio Lower Upper
149 100
177 24.4 18.2 27.4
150 12.7 10.2 15.4

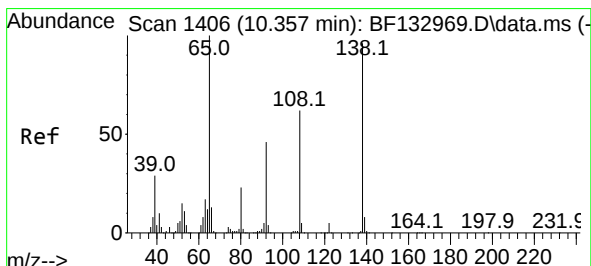
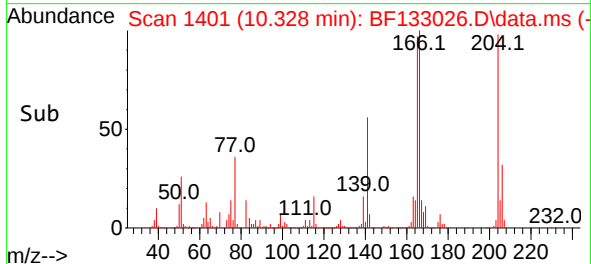
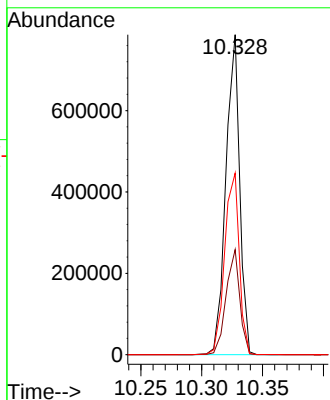
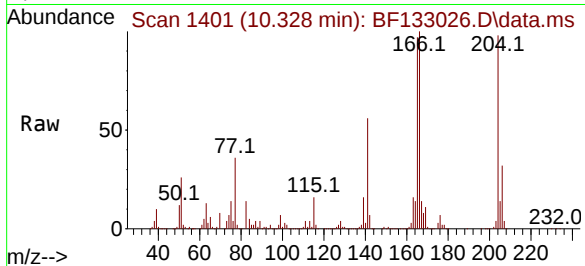




#61
4-Chlorophenyl-phenylether
Concen: 40.877 ng
RT: 10.328 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

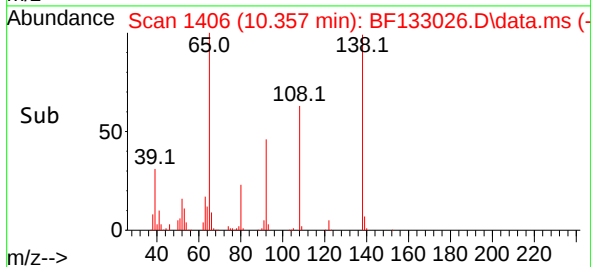
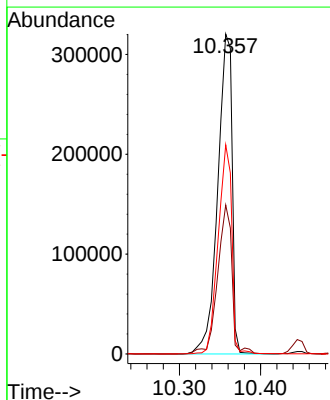
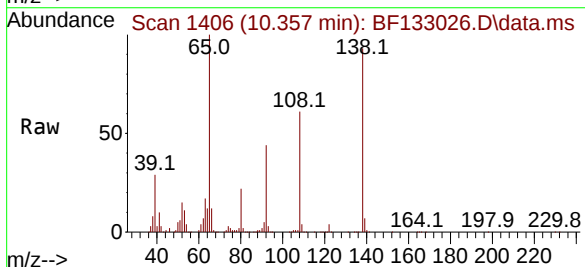
Instrument :
BNA_F
ClientSampleId :
PB152293BS

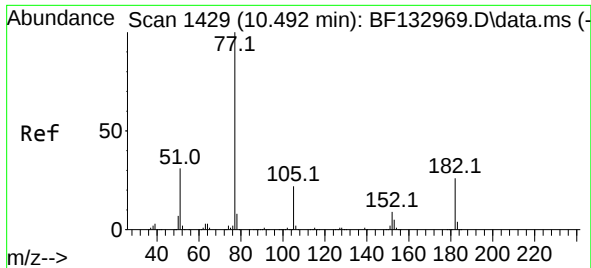
Tgt Ion:204 Resp: 619661
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 56.8 46.1 69.1



#62
4-Nitroaniline
Concen: 46.057 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:138 Resp: 395861
Ion Ratio Lower Upper
138 100
92 46.6 27.7 67.7
108 65.3 45.2 85.2



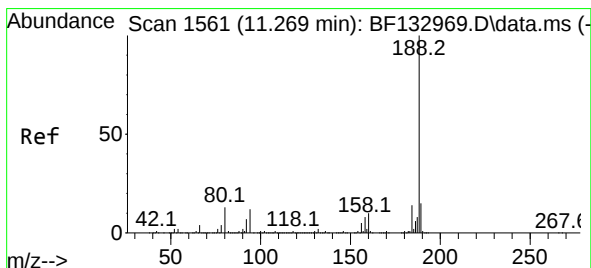
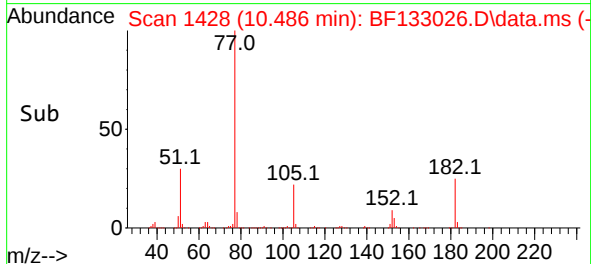
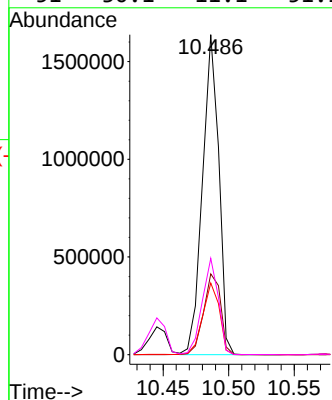
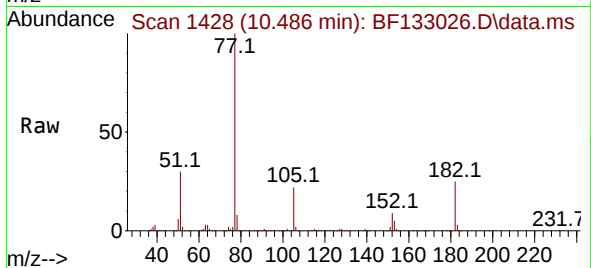


#63
Azobenzene
Concen: 40.581 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Instrument :
BNA_F
ClientSampleId :
PB152293BS

Tgt Ion: 77 Resp: 1418911

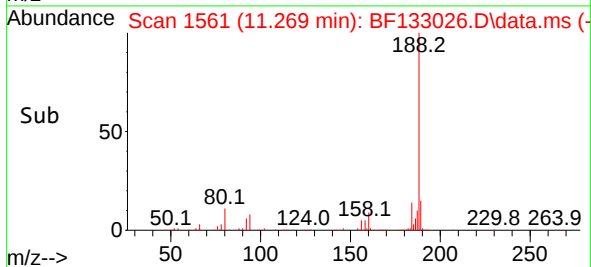
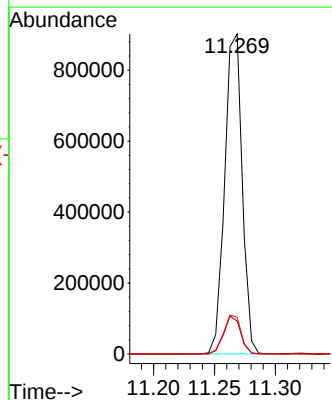
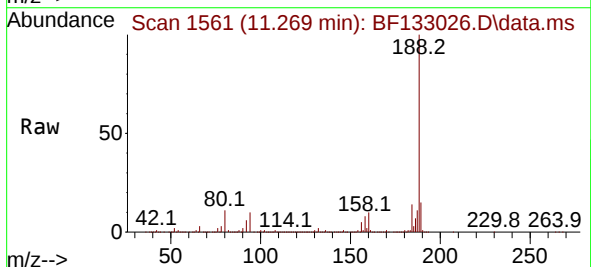
Ion	Ratio	Lower	Upper
77	100		
182	25.2	5.9	45.9
105	22.4	2.3	42.3
51	30.1	11.1	51.1

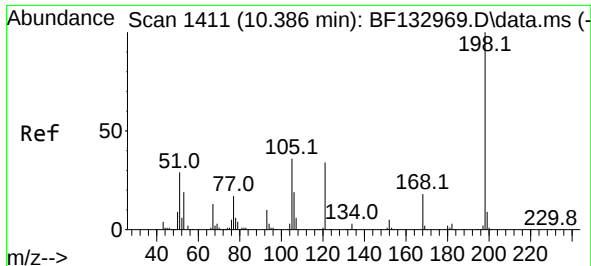


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion: 188 Resp: 902990

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.7	14.5
80	11.5	10.4	15.6

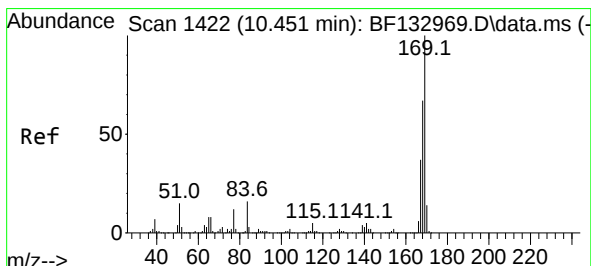
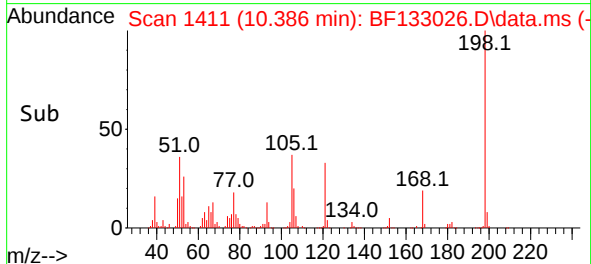
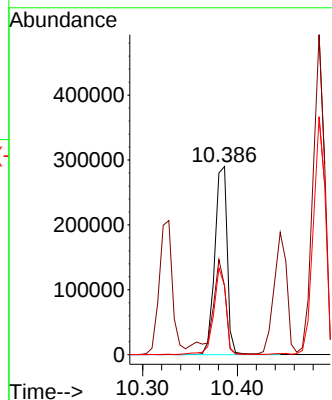
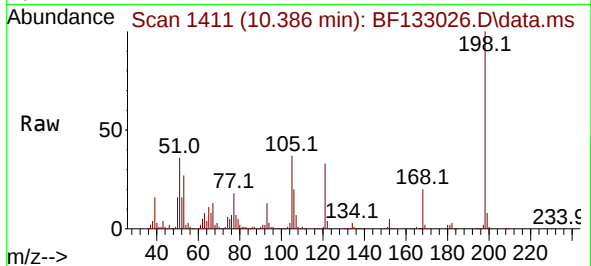




#65
4,6-Dinitro-2-methylphenol
Concen: 48.250 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

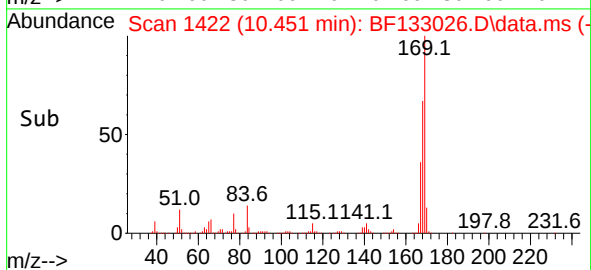
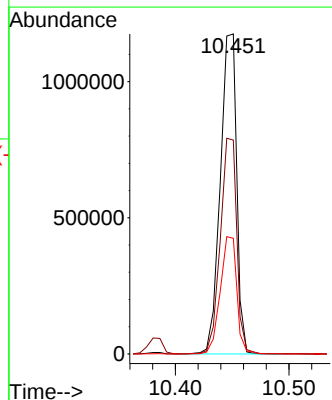
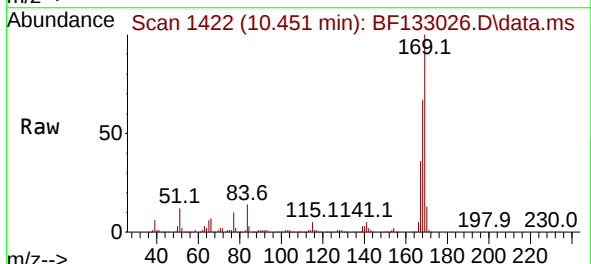
Instrument :
BNA_F
ClientSampleId :
PB152293BS

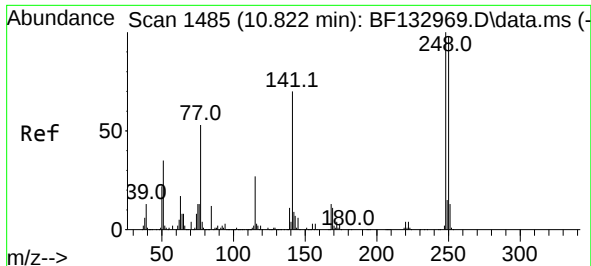
Tgt Ion:198 Resp: 264081
Ion Ratio Lower Upper
198 100
51 36.4 15.5 55.5
105 36.7 16.7 56.7



#66
n-Nitrosodiphenylamine
Concen: 40.355 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:169 Resp: 1182014
Ion Ratio Lower Upper
169 100
168 66.9 53.8 80.8
167 36.2 29.7 44.5

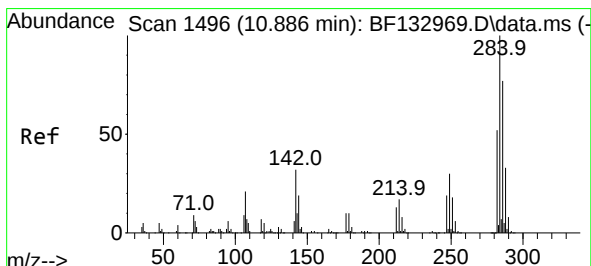
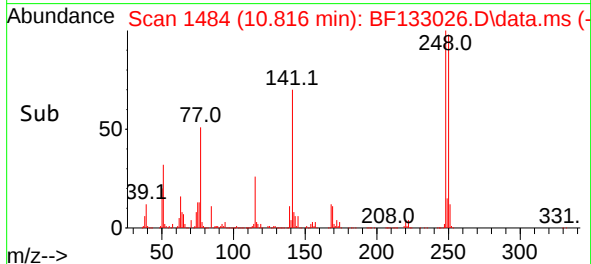
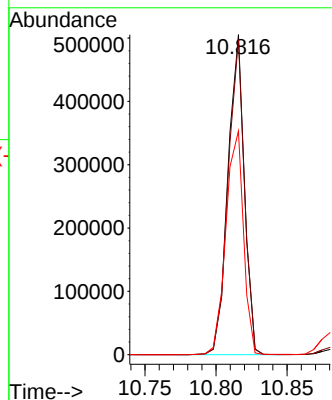
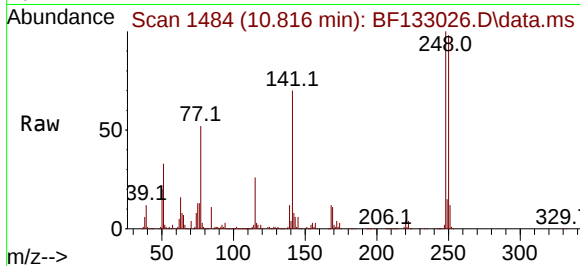




#67
4-Bromophenyl-phenylether
Concen: 41.397 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

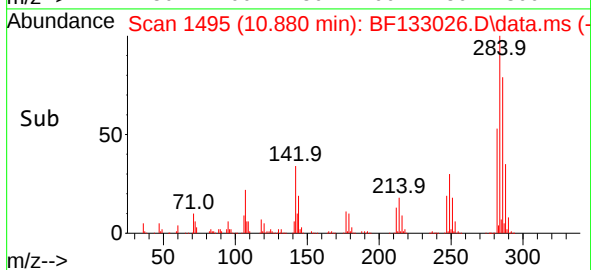
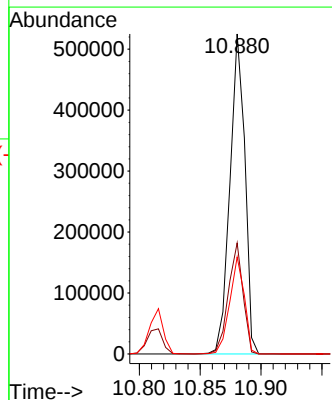
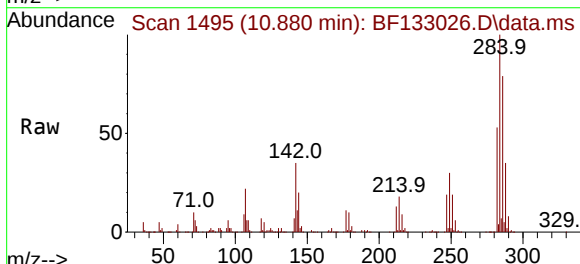
Instrument :
BNA_F
ClientSampleId :
PB152293BS

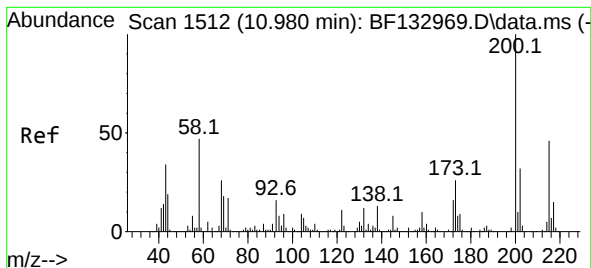
Tgt Ion:248 Resp: 405416
Ion Ratio Lower Upper
248 100
250 98.4 78.7 118.1
141 69.9 56.3 84.5



#68
Hexachlorobenzene
Concen: 44.541 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:284 Resp: 446977
Ion Ratio Lower Upper
284 100
142 34.7 26.0 39.0
249 30.3 23.7 35.5





#69

Atrazine

Concen: 46.828 ng

RT: 10.975 min Scan# 1511

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB152293BS

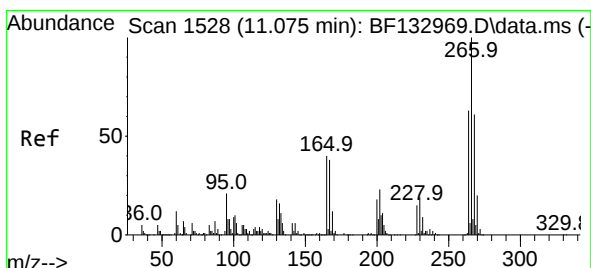
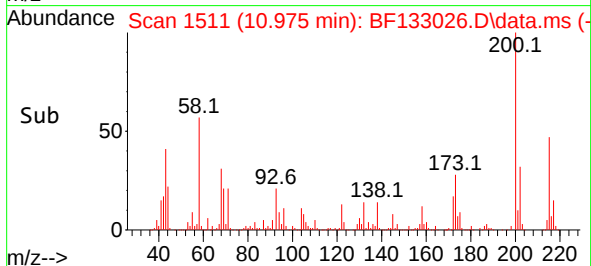
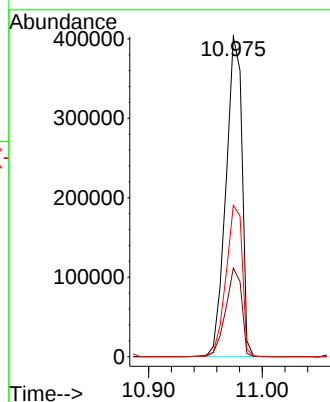
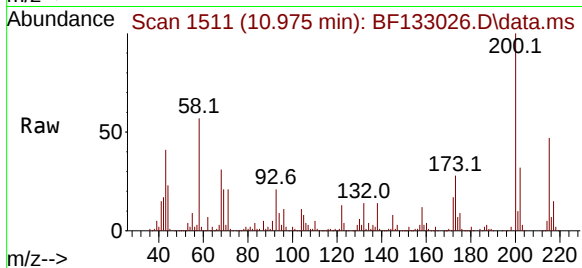
Tgt Ion:200 Resp: 395223

Ion Ratio Lower Upper

200 100

173 27.7 6.2 46.2

215 47.3 26.3 66.3



#70

Pentachlorophenol

Concen: 77.784 ng

RT: 11.075 min Scan# 1528

Delta R.T. 0.000 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

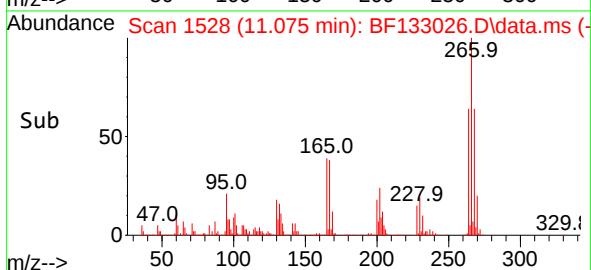
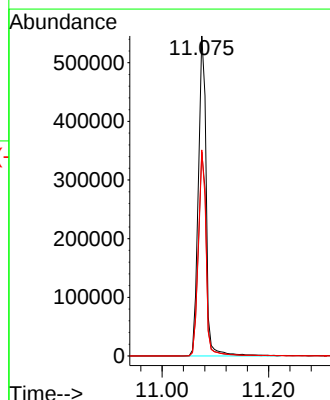
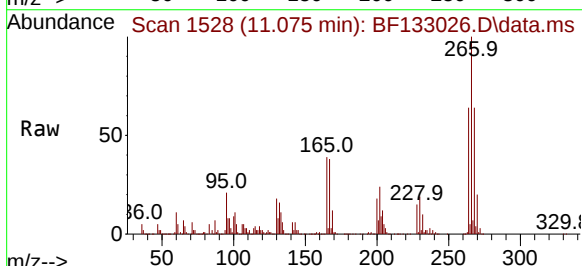
Tgt Ion:266 Resp: 555921

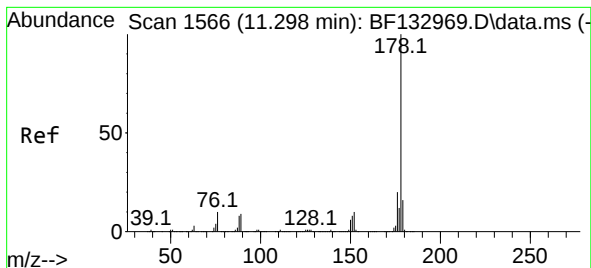
Ion Ratio Lower Upper

266 100

268 63.7 48.8 73.2

264 64.4 50.6 76.0





#71

Phenanthrene

Concen: 40.323 ng

RT: 11.292 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB152293BS

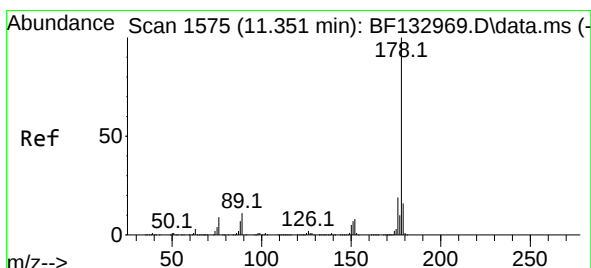
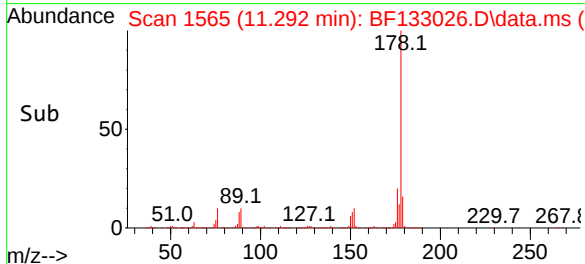
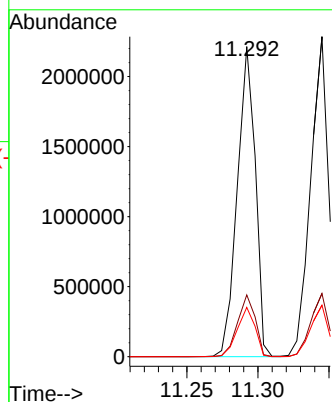
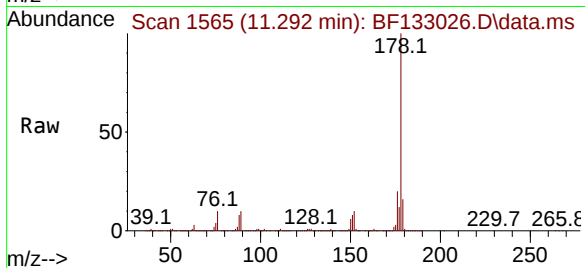
Tgt Ion:178 Resp: 1956994

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

179 15.9 12.5 18.7



#72

Anthracene

Concen: 40.206 ng

RT: 11.345 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

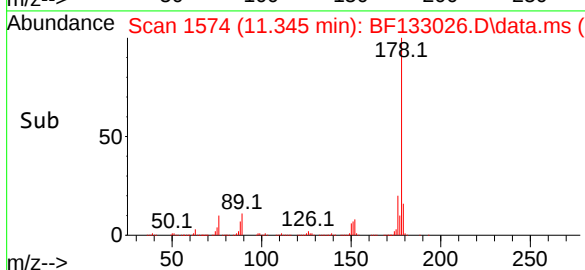
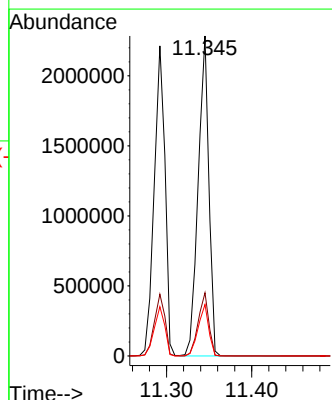
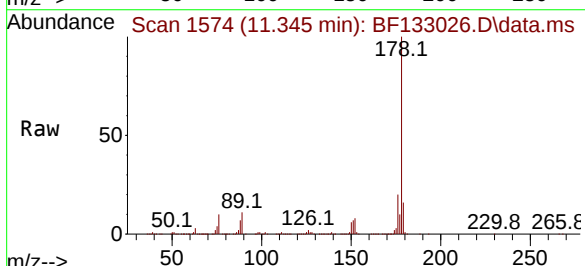
Tgt Ion:178 Resp: 1996939

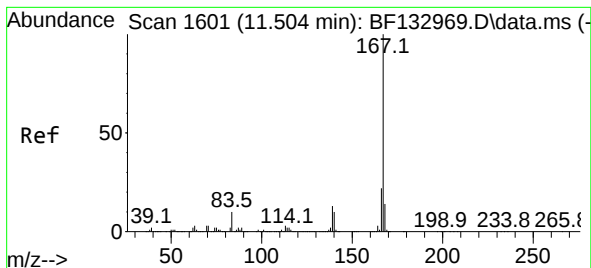
Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

179 16.1 12.4 18.6





#73

Carbazole

Concen: 41.750 ng

RT: 11.498 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB152293BS

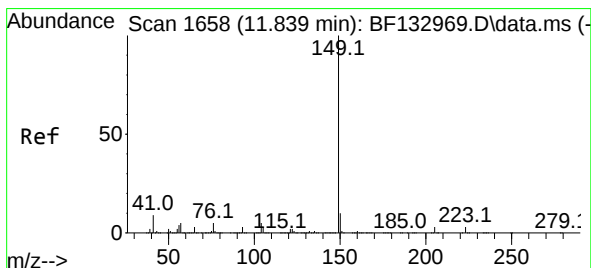
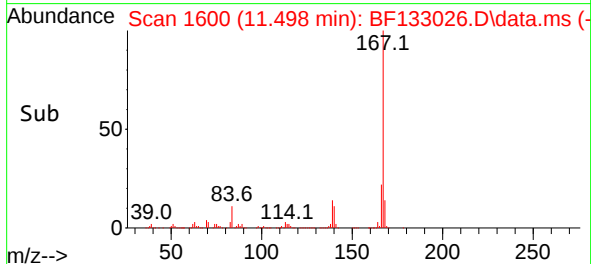
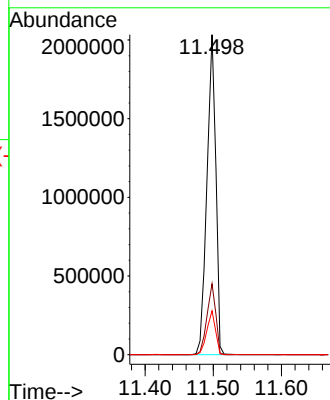
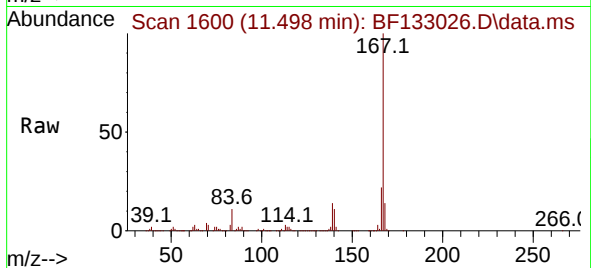
Tgt Ion:167 Resp: 1846431

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

139 13.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 42.621 ng

RT: 11.833 min Scan# 1657

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

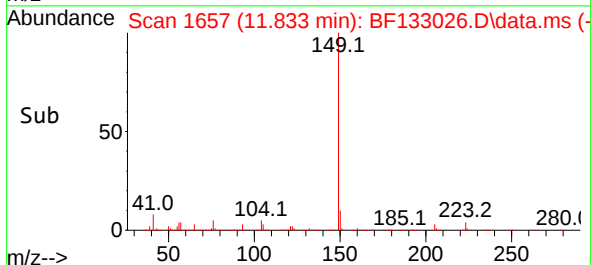
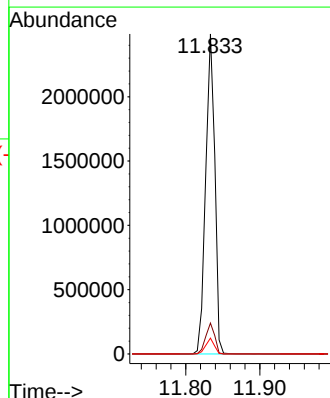
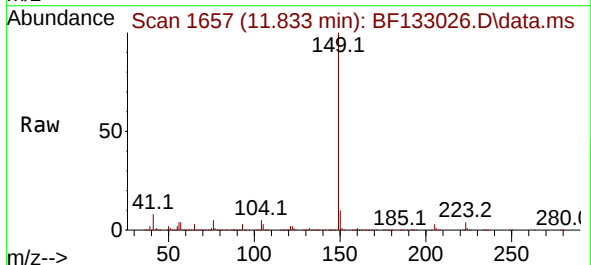
Tgt Ion:149 Resp: 2133122

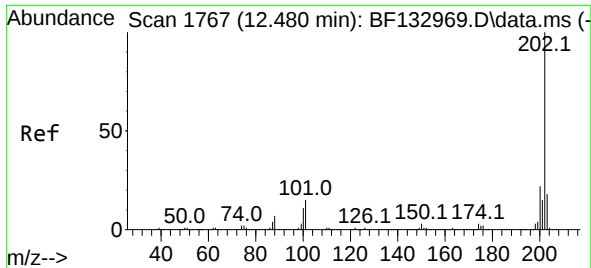
Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

104 4.9 4.0 6.0

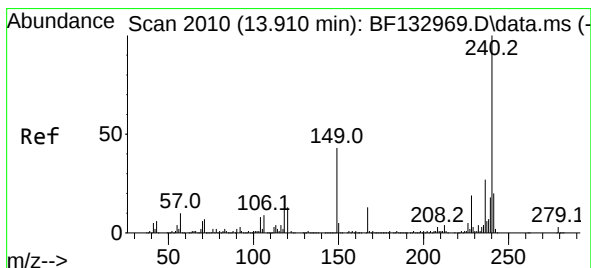
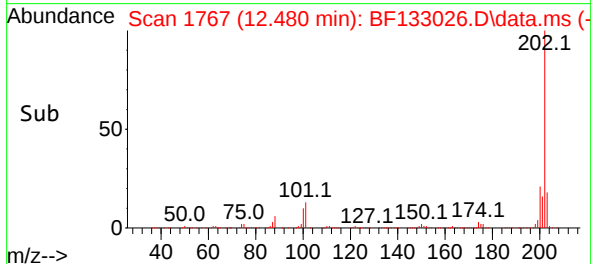
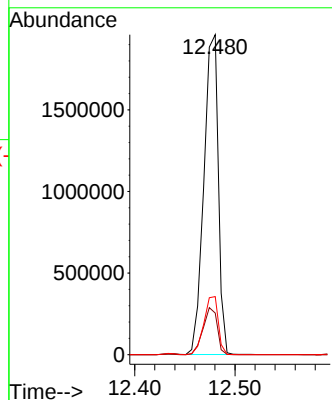
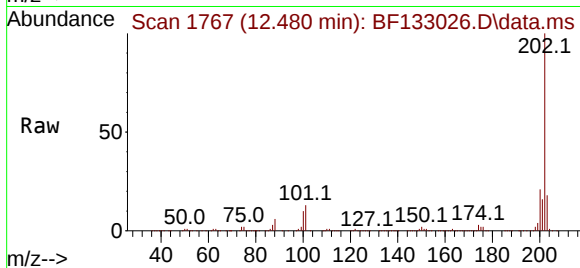




#75
Fluoranthene
Concen: 40.458 ng
RT: 12.480 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

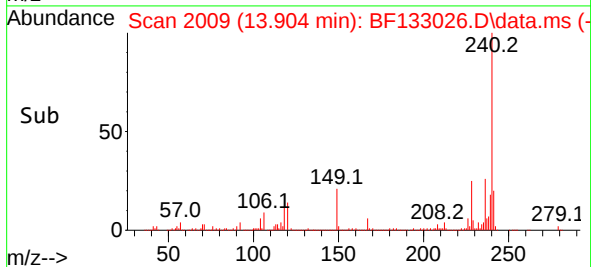
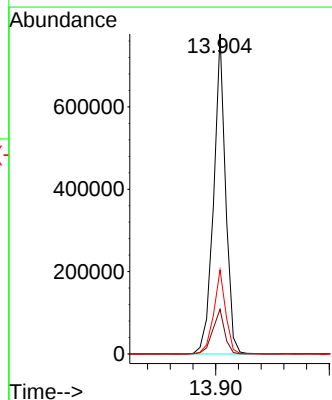
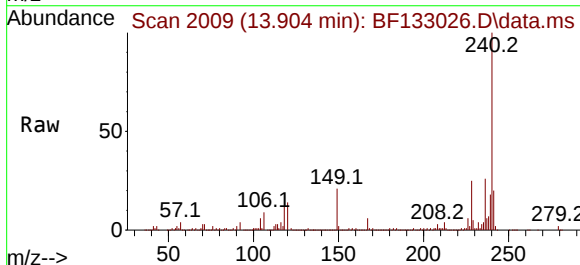
Instrument :
BNA_F
ClientSampleId :
PB152293BS

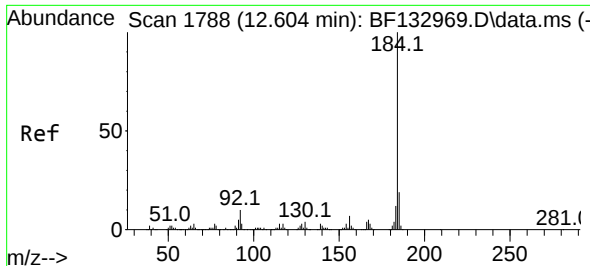
Tgt Ion:202 Resp: 1970649
Ion Ratio Lower Upper
202 100
101 13.0 0.0 35.3
203 18.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:240 Resp: 565737
Ion Ratio Lower Upper
240 100
120 13.9 10.5 15.7
236 26.3 21.5 32.3

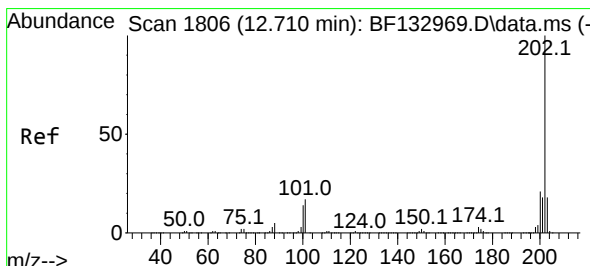
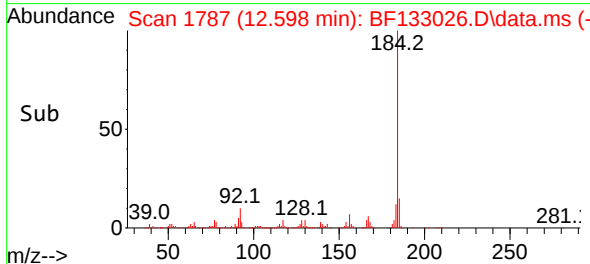
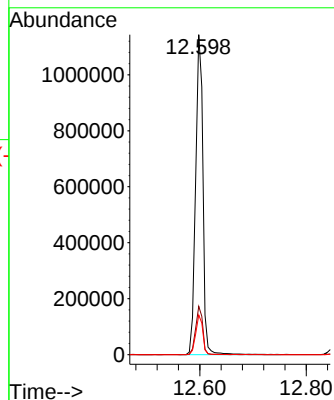
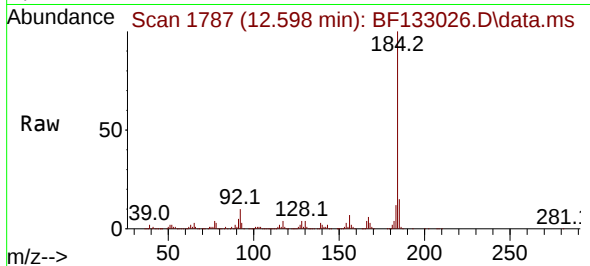




#77
Benzidine
Concen: 113.637 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

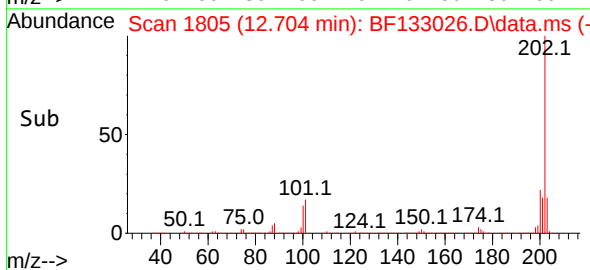
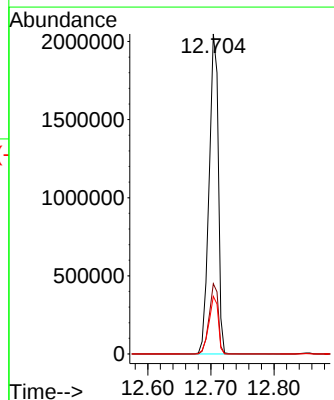
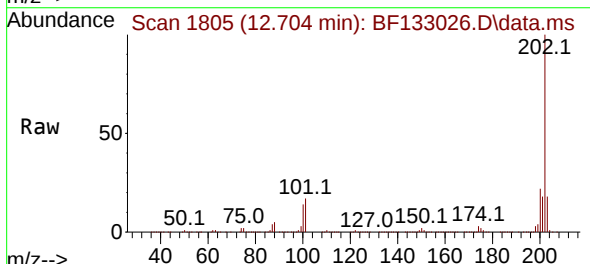
Instrument :
BNA_F
ClientSampleId :
PB152293BS

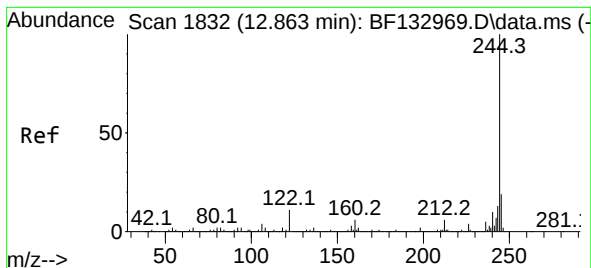
Tgt Ion:184 Resp: 1087153
Ion Ratio Lower Upper
184 100
185 15.1 15.4 23.2#
183 12.4 9.4 14.0



#78
Pyrene
Concen: 42.605 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:202 Resp: 2066214
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 18.0 14.1 21.1





#79

Terphenyl-d14

Concen: 70.670 ng

RT: 12.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB152293BS

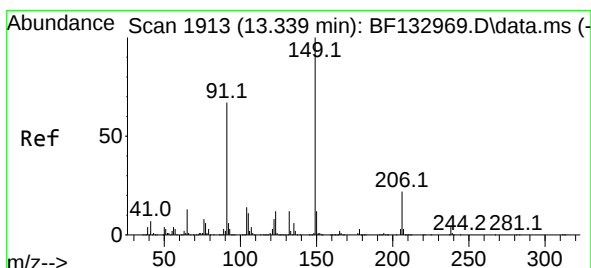
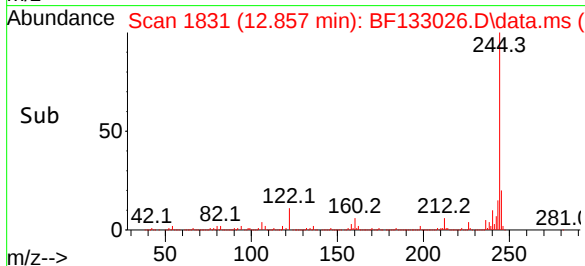
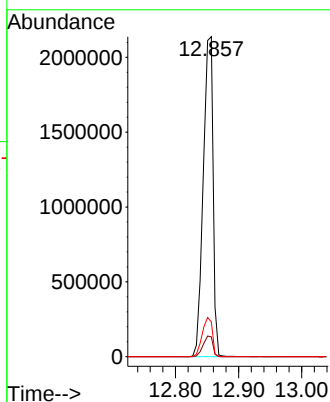
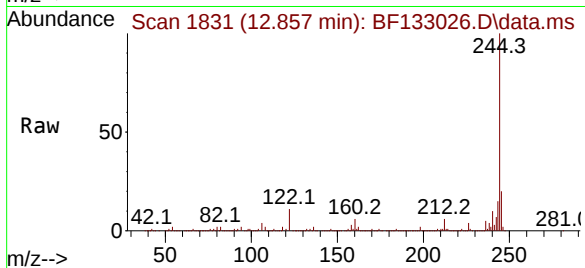
Tgt Ion:244 Resp: 2318168

Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

122 10.9 8.6 13.0



#80

Butylbenzylphthalate

Concen: 50.406 ng

RT: 13.327 min Scan# 1911

Delta R.T. -0.012 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

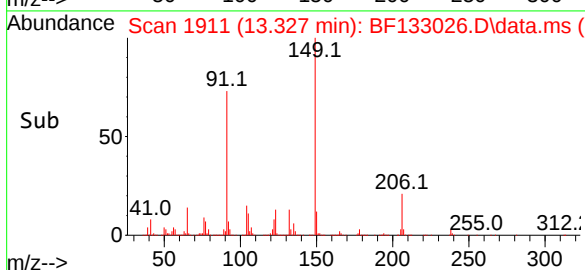
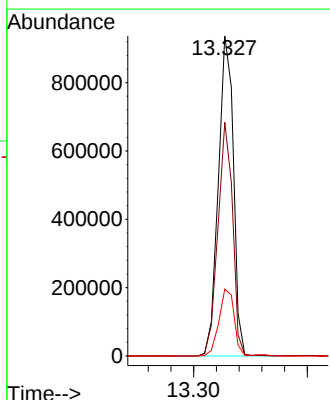
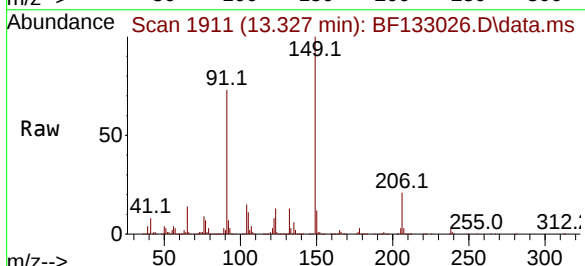
Tgt Ion:149 Resp: 865544

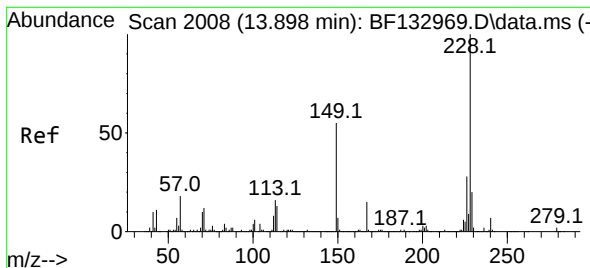
Ion Ratio Lower Upper

149 100

91 73.0 53.8 80.6

206 20.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 41.619 ng

RT: 13.892 min Scan# 2000

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB152293BS

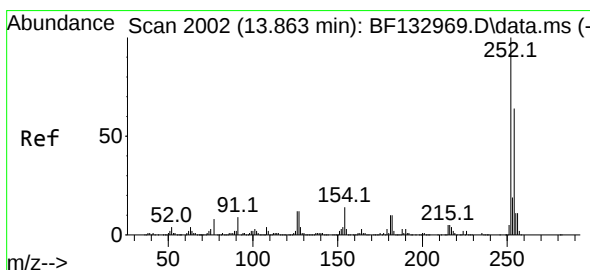
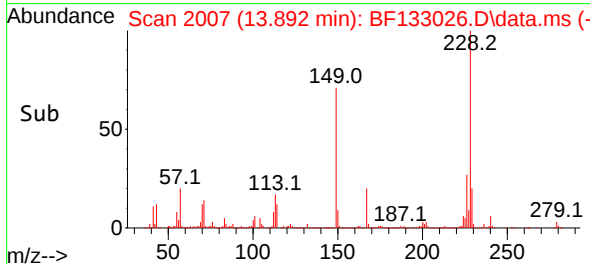
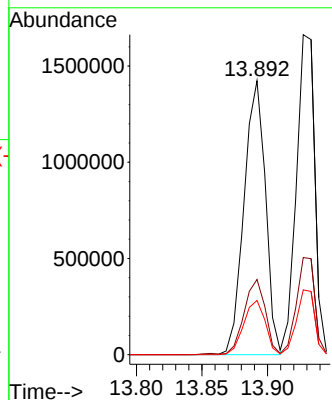
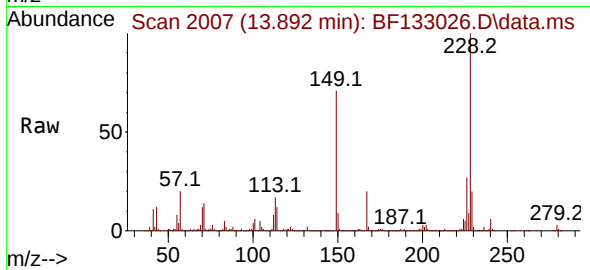
Tgt Ion:228 Resp: 1619157

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 33.518 ng

RT: 13.857 min Scan# 2001

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

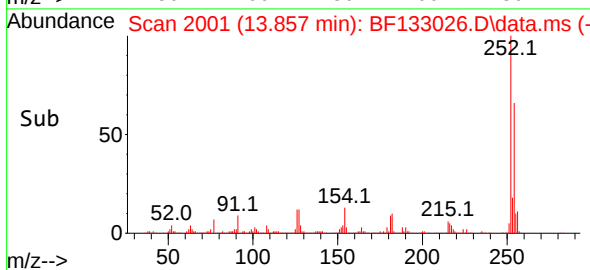
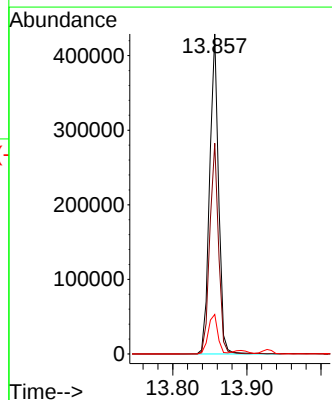
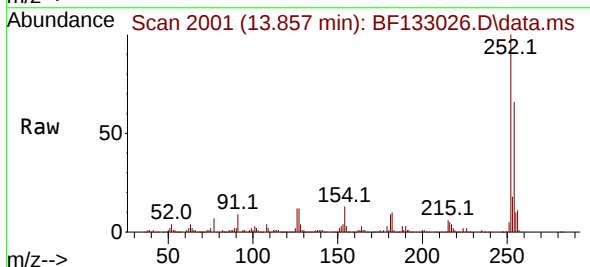
Tgt Ion:252 Resp: 360228

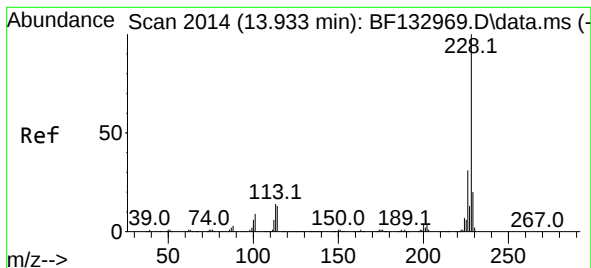
Ion Ratio Lower Upper

252 100

254 65.9 51.5 77.3

126 12.3 9.5 14.3





#83

Chrysene

Concen: 41.719 ng

RT: 13.927 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB152293BS

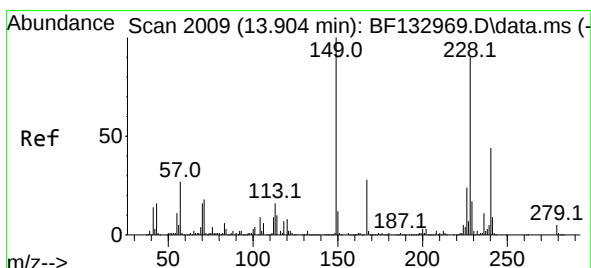
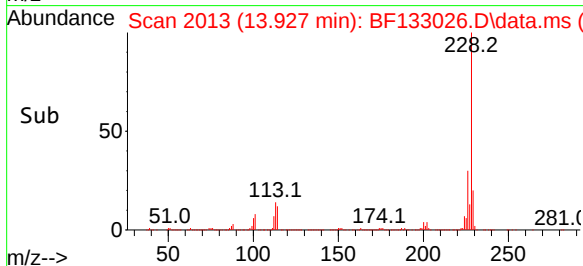
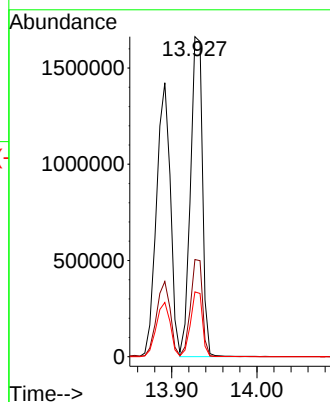
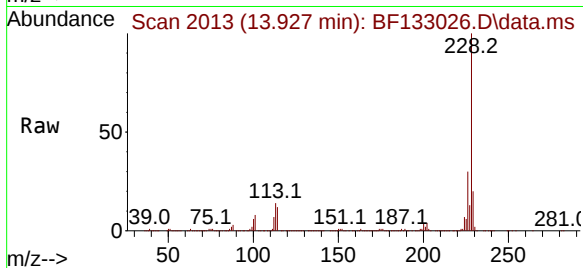
Tgt Ion:228 Resp: 1622652

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

229 20.3 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.716 ng

RT: 13.892 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

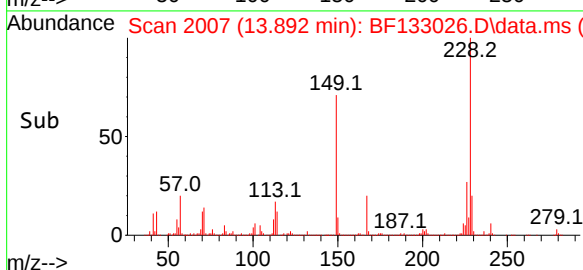
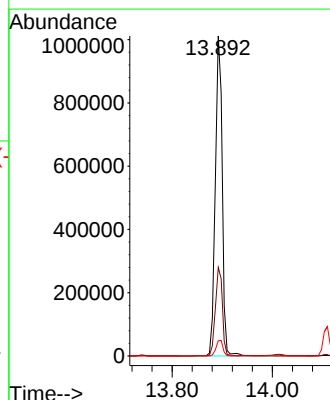
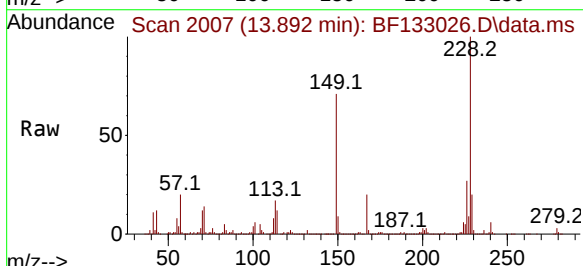
Tgt Ion:149 Resp: 963783

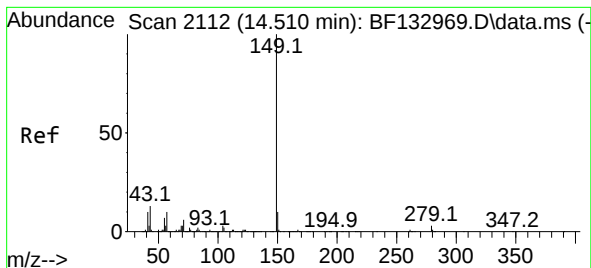
Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

279 4.8 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 44.605 ng

RT: 14.504 min Scan# 2111

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB152293BS

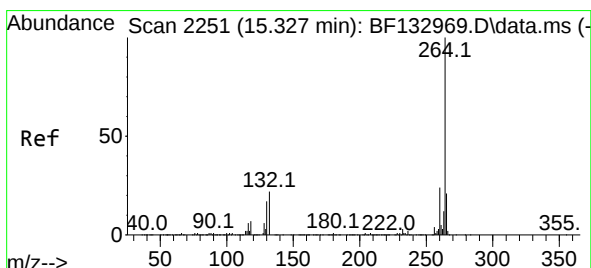
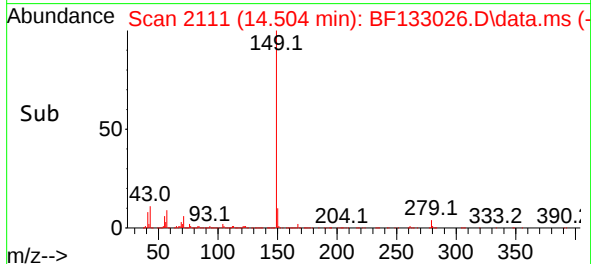
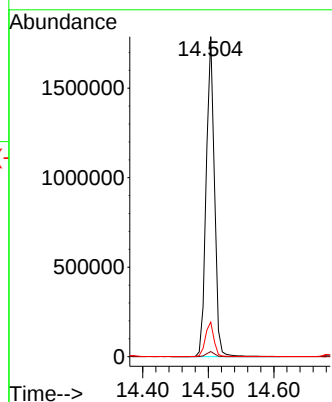
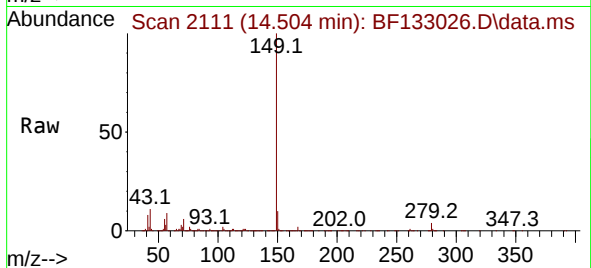
Tgt Ion:149 Resp: 1567599

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.1 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.321 min Scan# 2250

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

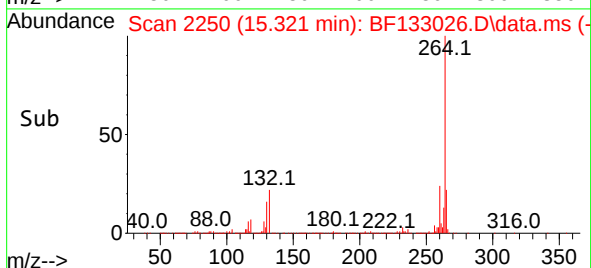
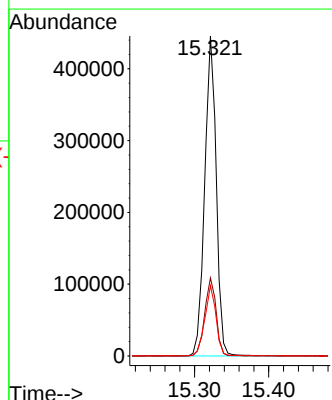
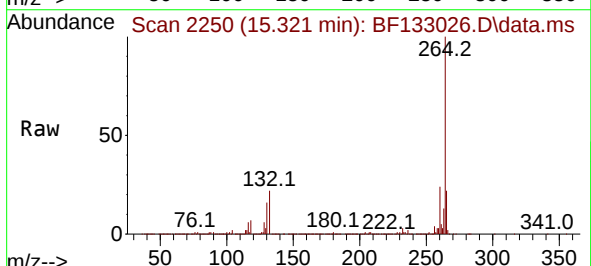
Tgt Ion:264 Resp: 483374

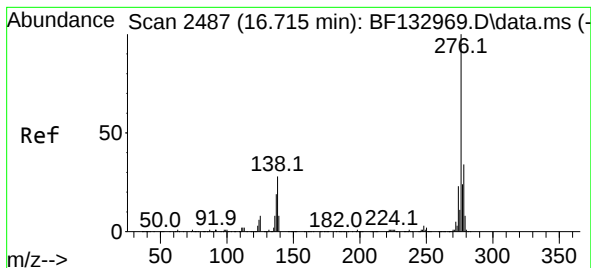
Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 22.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.620 ng

RT: 16.709 min Scan# 2487

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

Instrument :

BNA_F

ClientSampleId :

PB152293BS

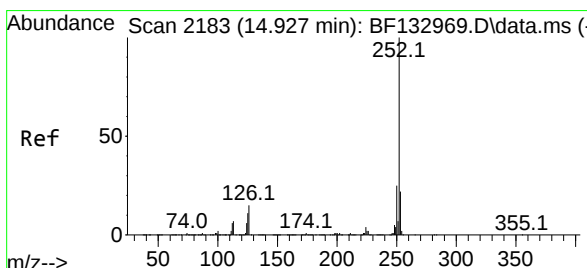
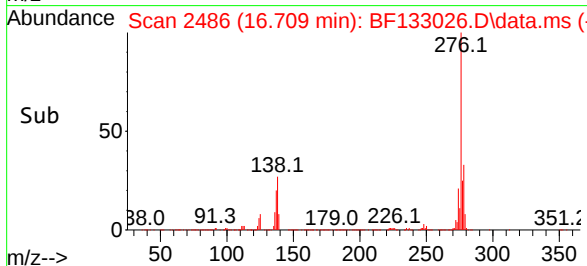
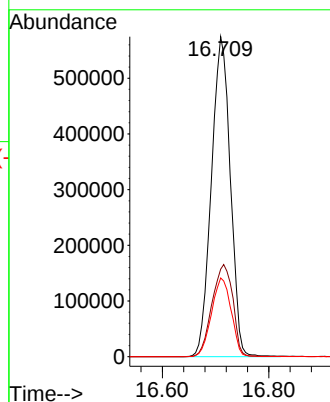
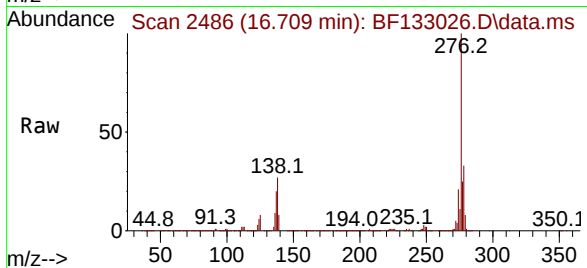
Tgt Ion:276 Resp: 1419313

Ion Ratio Lower Upper

276 100

138 31.6 25.5 38.3

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 45.748 ng

RT: 14.921 min Scan# 2182

Delta R.T. -0.006 min

Lab File: BF133026.D

Acq: 25 Apr 2023 12:05

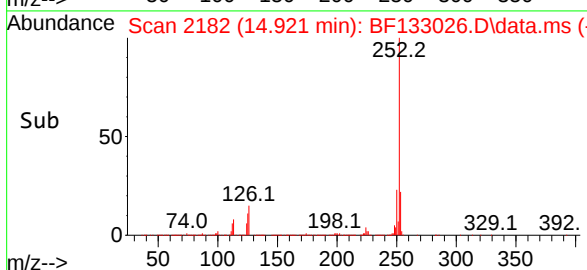
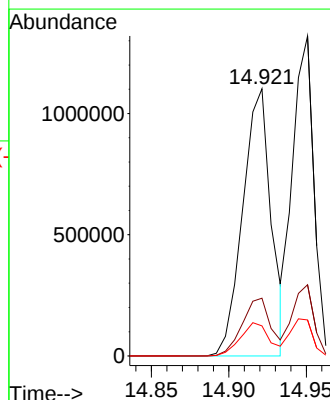
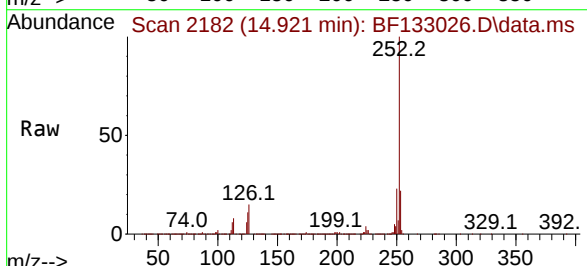
Tgt Ion:252 Resp: 1406828

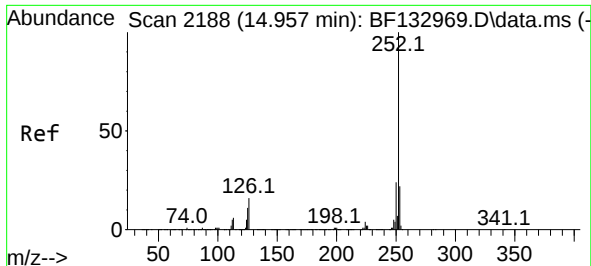
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 11.3 8.9 13.3

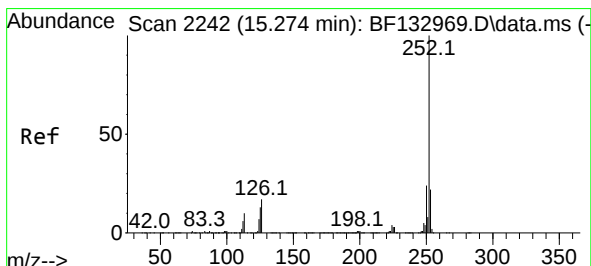
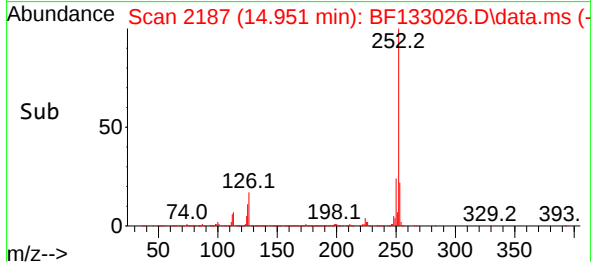
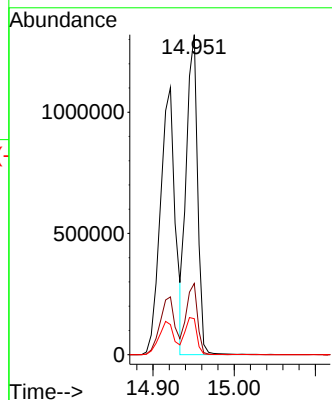
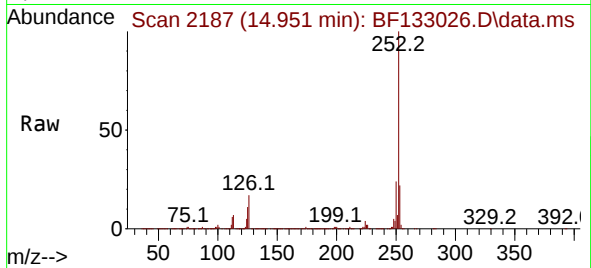




#89
Benzo(k)fluoranthene
Concen: 41.503 ng
RT: 14.951 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

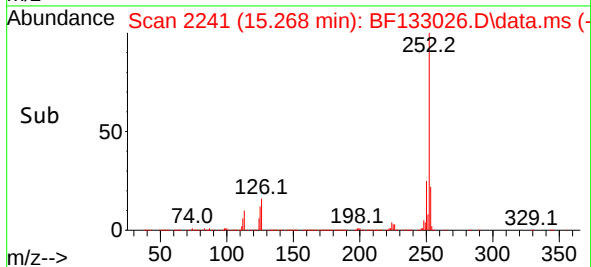
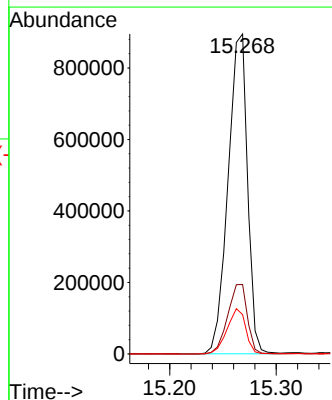
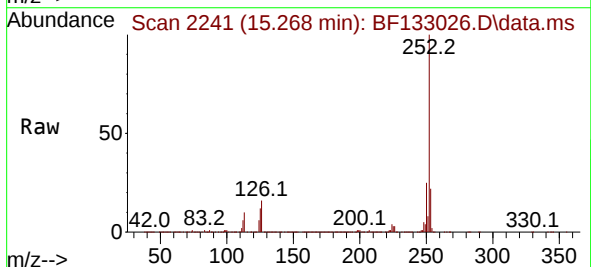
Instrument :
BNA_F
ClientSampleId :
PB152293BS

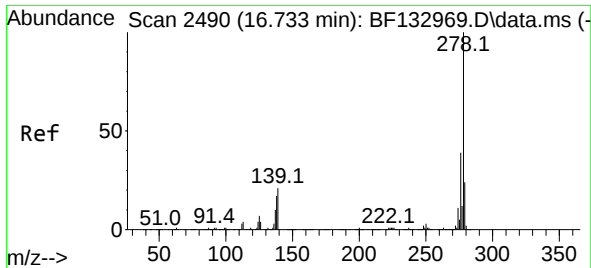
Tgt Ion:252 Resp: 1265178
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.2 9.0 13.4



#90
Benzo(a)pyrene
Concen: 40.641 ng
RT: 15.268 min Scan# 2241
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:252 Resp: 1137555
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 12.3 10.5 15.7

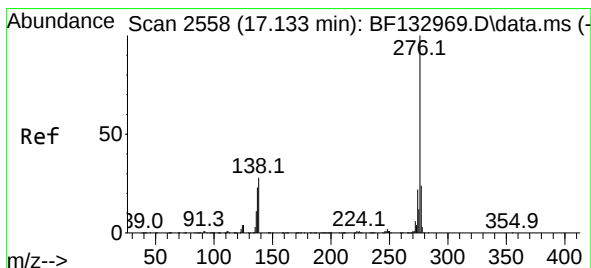
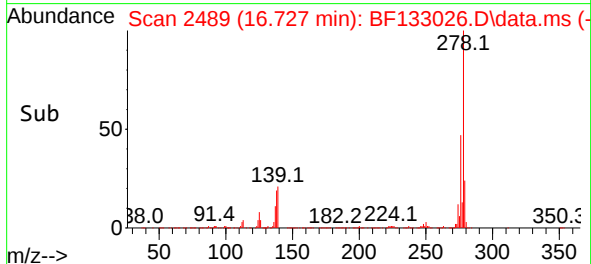
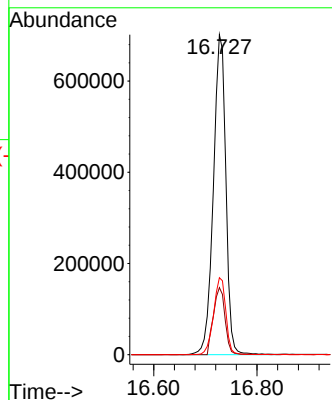
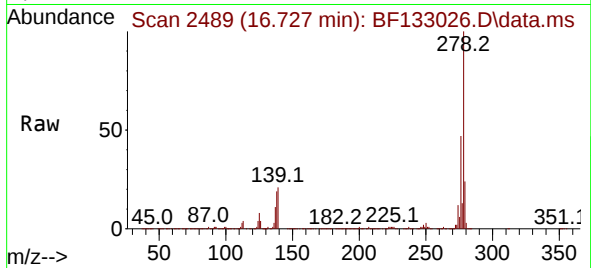




#91
Dibenzo(a,h)anthracene
Concen: 51.379 ng
RT: 16.727 min Scan# 2490
Delta R.T. -0.006 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Instrument :
BNA_F
ClientSampleId :
PB152293BS

Tgt Ion:278 Resp: 1178254
Ion Ratio Lower Upper
278 100
139 20.9 16.6 24.8
279 24.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 52.771 ng
RT: 17.133 min Scan# 2558
Delta R.T. -0.000 min
Lab File: BF133026.D
Acq: 25 Apr 2023 12:05

Tgt Ion:276 Resp: 1194753
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.0
138 27.6 22.7 34.1

