

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133965.D
 Acq On : 26 Jun 2023 22:09
 Operator : CG\JU
 Sample : 03365-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Quant Time: Jun 26 23:31:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

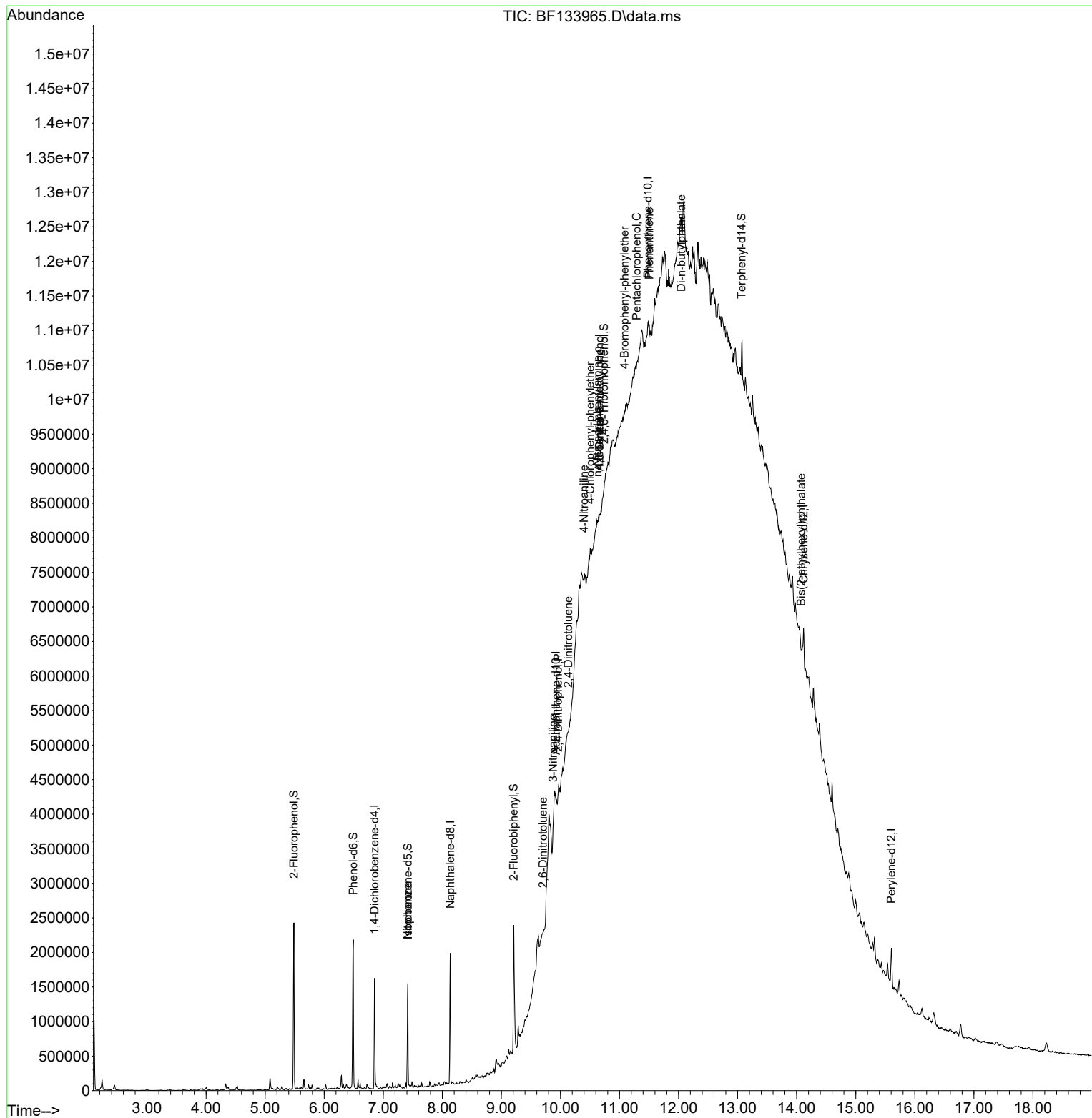
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	223176	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	743676	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	269577	20.000	ng	0.03
64) Phenanthrene-d10	11.480	188	268123	20.000	ng	# 0.09
76) Chrysene-d12	14.115	240	243693	20.000	ng	# 0.07
86) Perylene-d12	15.604	264	254565	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	605344	45.372	ng	0.00
7) Phenol-d6	6.492	99	720976	43.941	ng	0.00
23) Nitrobenzene-d5	7.416	82	420643	30.490	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	147086	43.517	ng	0.05
45) 2-Fluorobiphenyl	9.210	172	790355	42.626	ng	0.00
79) Terphenyl-d14	13.068	244	443428	29.285	ng	0.09
Target Compounds						
9) Benzaldehyde	6.410	77	4354	Below Cal		96
25) Isophorone	7.416	82	420706	16.779	ng	# 64
51) 2,6-Dinitrotoluene	9.704	165	16823	3.991	ng	# 34
53) 3-Nitroaniline	9.875	138	31153	6.161	ng	# 17
54) 2,4-Dinitrophenol	9.957	184	668	4.125	ng	# 1
57) 2,4-Dinitrotoluene	10.133	165	11137	2.001	ng	# 41
61) 4-Chlorophenyl-phenyle...	10.504	204	24572	2.674	ng	# 22
62) 4-Nitroaniline	10.398	138	101548	19.928	ng	91
63) Azobenzene	10.657	77	58442	3.030	ng	# 41
65) 4,6-Dinitro-2-methylph...	10.663	198	11559	7.907	ng	# 1
66) n-Nitrosodiphenylamine	10.627	169	44087	5.146	ng	# 55
67) 4-Bromophenyl-phenylether	11.086	248	5945	2.086	ng	# 13
70) Pentachlorophenol	11.292	266	4032	2.229	ng	# 1
71) Phenanthrene	11.504	178	27729	2.054	ng	# 1
74) Di-n-butylphthalate	12.045	149	114190	7.473	ng	# 33
84) Bis(2-ethylhexyl)phtha...	14.074	149	19809	2.027	ng	# 59

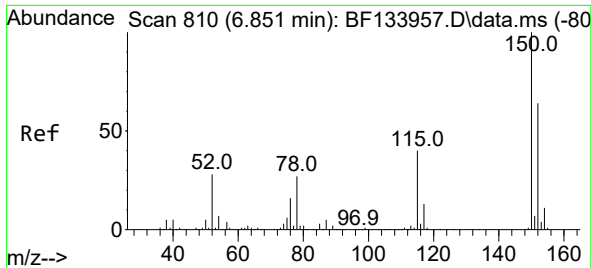
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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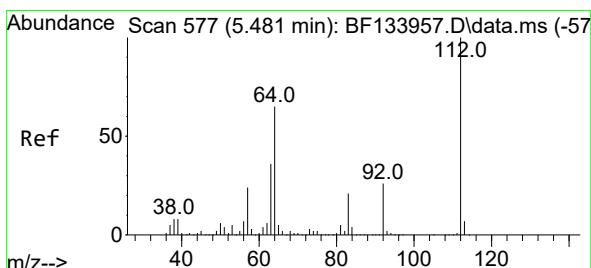
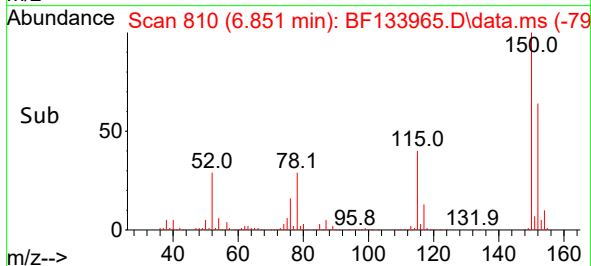
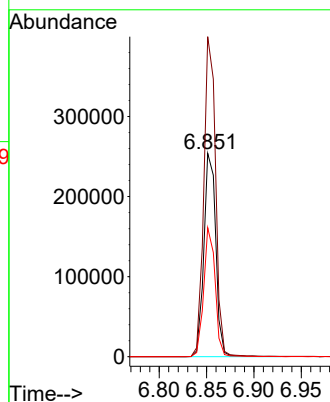
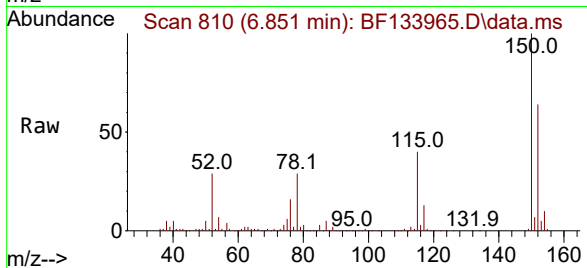




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

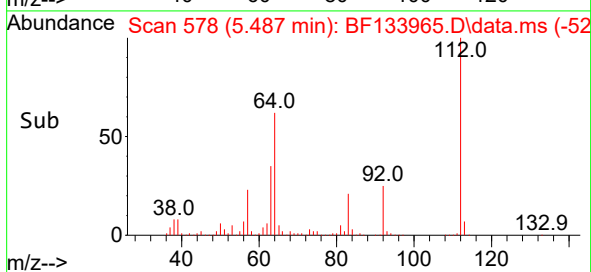
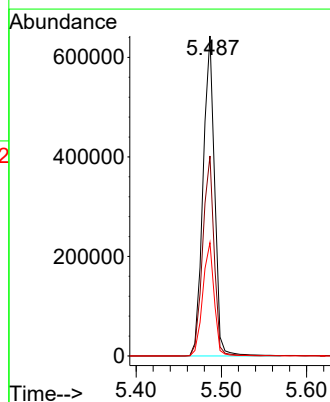
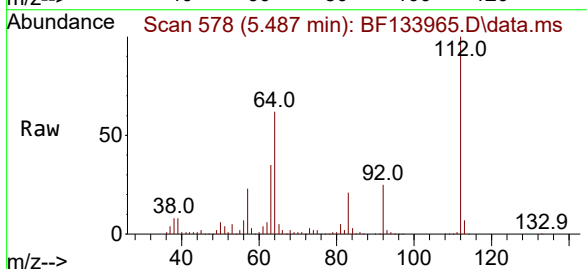
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ClientSampleId :
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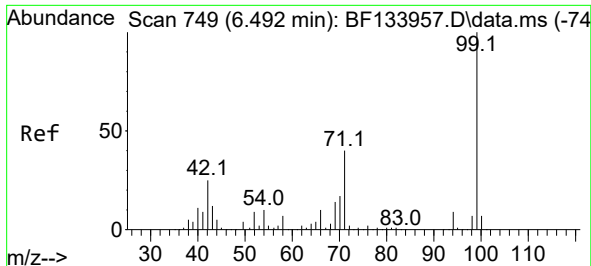
Tgt Ion:152 Resp: 223176
Ion Ratio Lower Upper
152 100
150 157.4 124.5 186.7
115 63.4 50.2 75.2



#5
2-Fluorophenol
Concen: 45.372 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

Tgt Ion:112 Resp: 605344
Ion Ratio Lower Upper
112 100
64 62.5 52.1 78.1
63 35.4 28.6 42.8

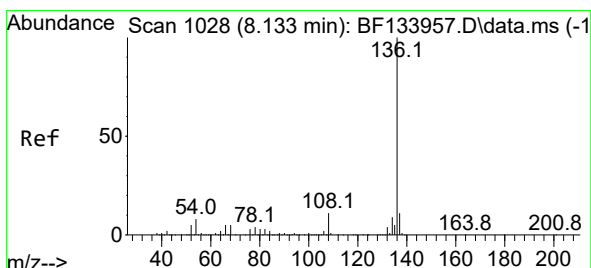
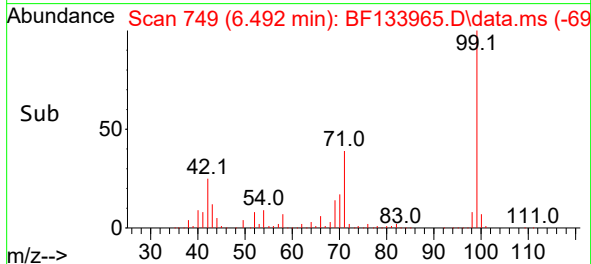
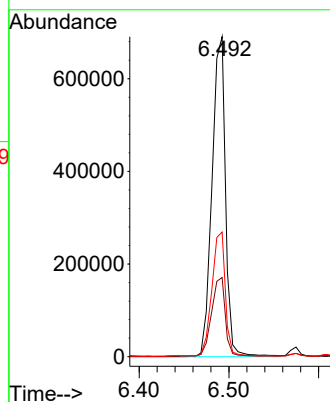
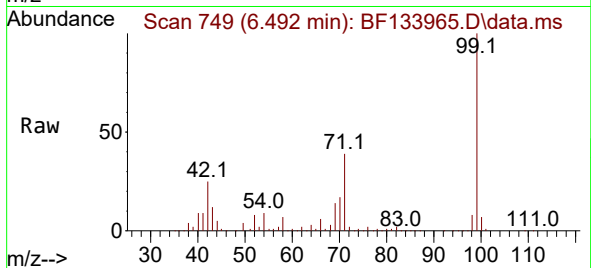




#7
Phenol-d6
Concen: 43.941 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

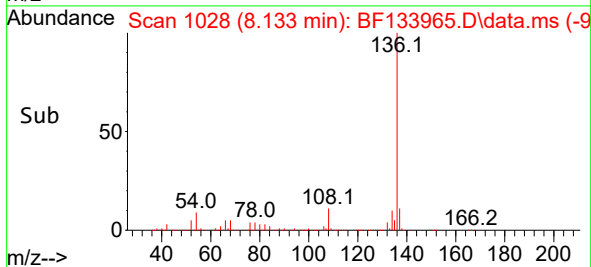
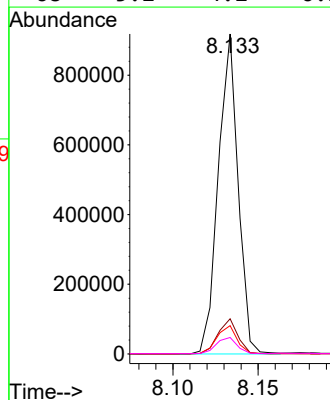
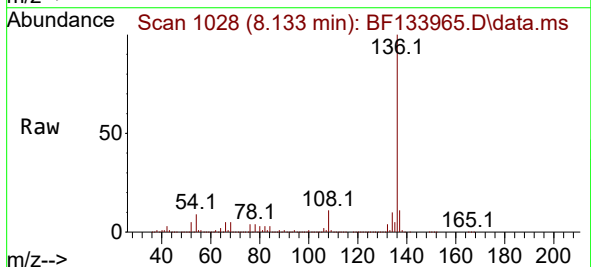
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BNA_F
ClientSampleId :
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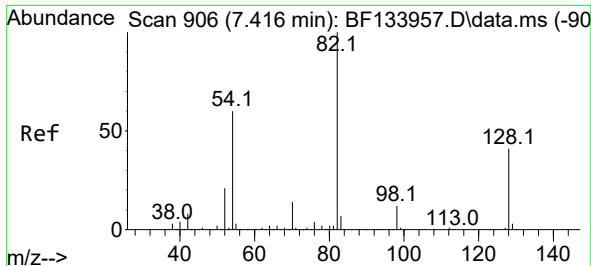
Tgt Ion: 99 Resp: 720976
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.6
71 38.9 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

Tgt Ion:136 Resp: 743676
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.8 6.5 9.7
68 5.2 4.2 6.2

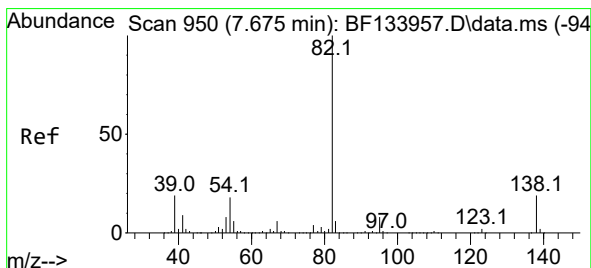
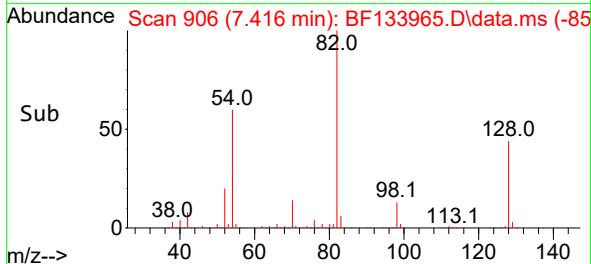
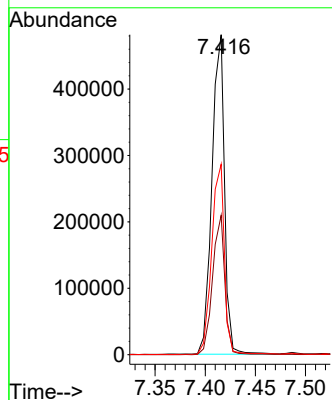
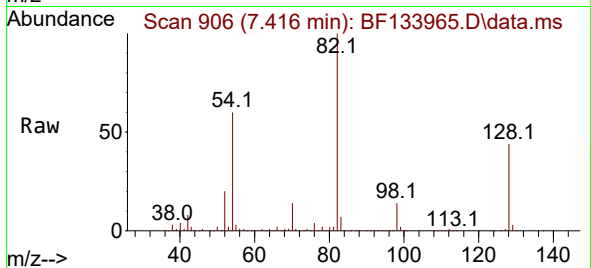




#23
Nitrobenzene-d5
Concen: 30.490 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

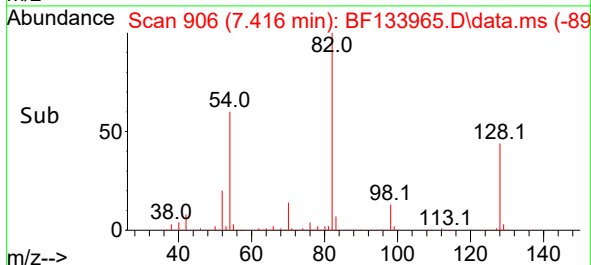
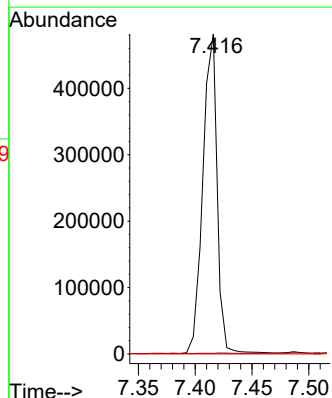
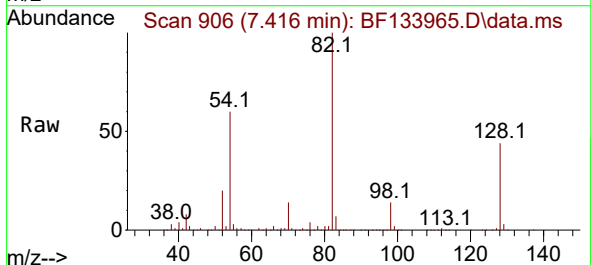
Instrument :
BNA_F
ClientSampleId :
TP4

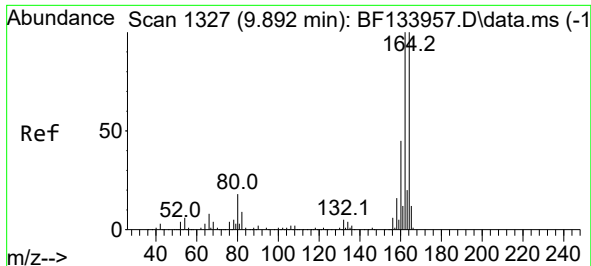
Tgt Ion: 82 Resp: 420643
Ion Ratio Lower Upper
82 100
128 43.5 32.5 48.7
54 59.5 48.2 72.2



#25
Isophorone
Concen: 16.779 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.259 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

Tgt Ion: 82 Resp: 420706
Ion Ratio Lower Upper
82 100
95 0.2 6.1 9.1#
138 0.0 15.2 22.8#

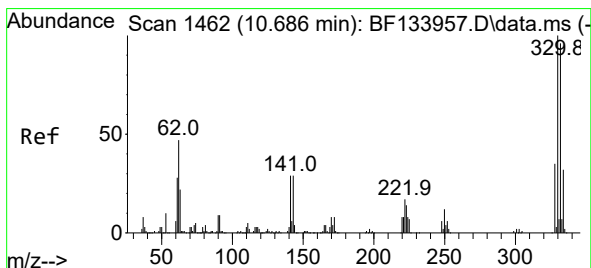
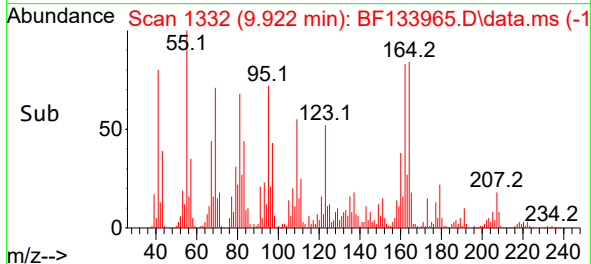
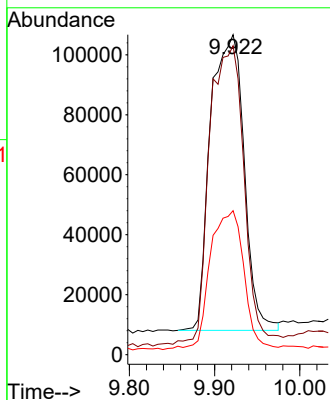
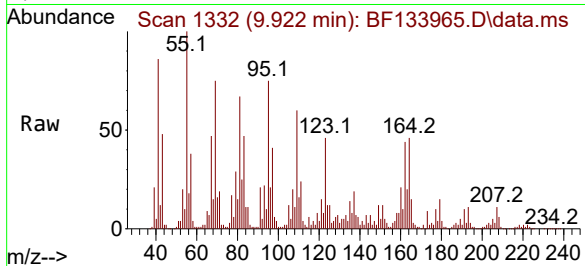




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.030 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

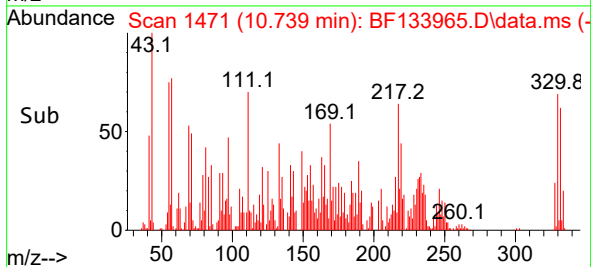
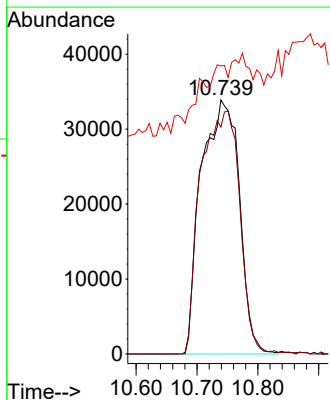
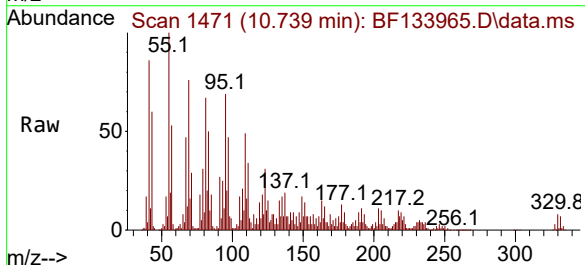
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ClientSampleId :
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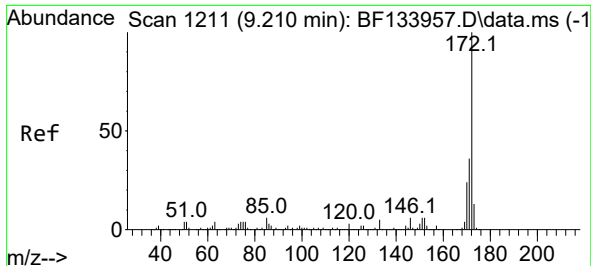
Tgt Ion:164 Resp: 269577
Ion Ratio Lower Upper
164 100
162 96.5 80.0 120.0
160 45.0 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 43.517 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.053 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

Tgt Ion:330 Resp: 147086
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.6
141 0.0 26.3 39.5#

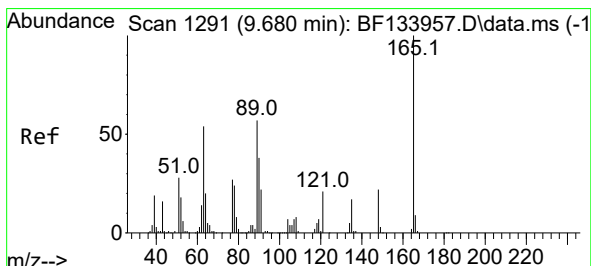
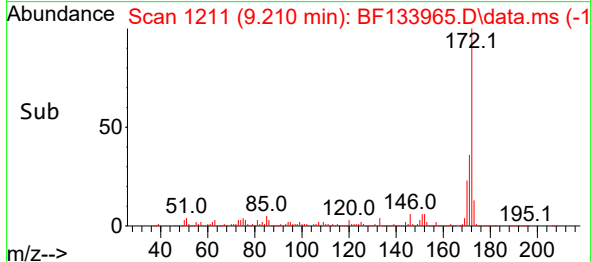
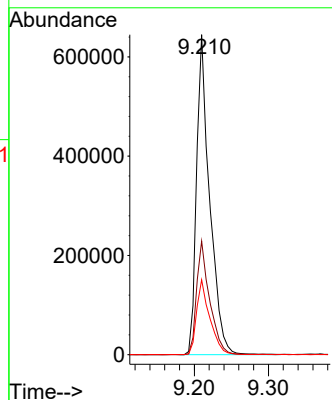
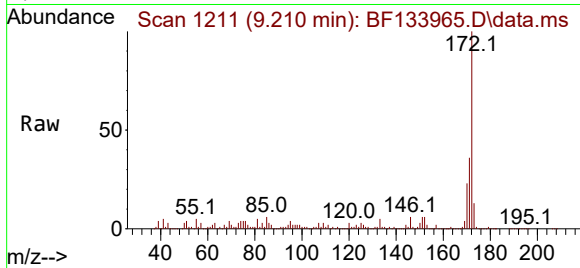




#45
2-Fluorobiphenyl
Concen: 42.626 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

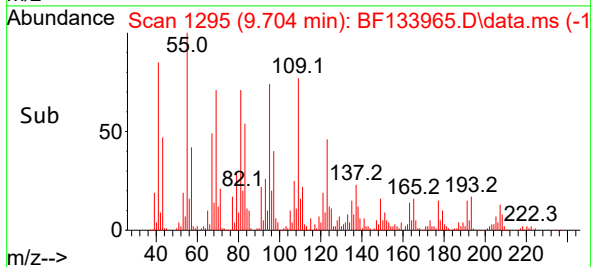
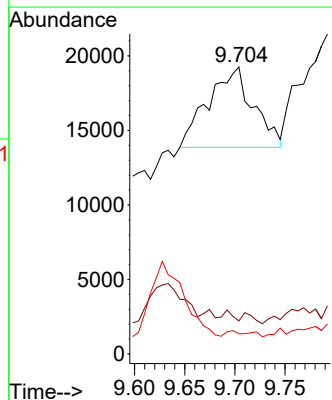
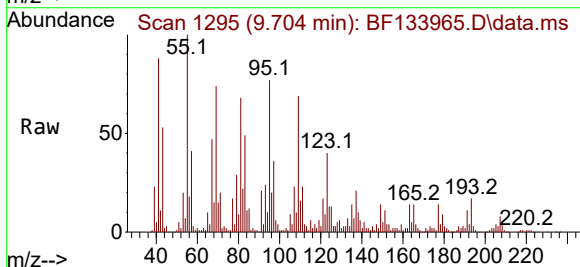
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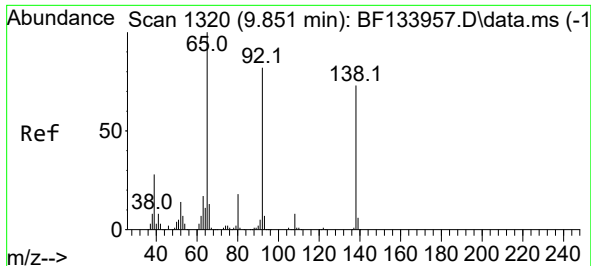
Tgt Ion:172 Resp: 790355
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.4 19.4 29.0



#51
2,6-Dinitrotoluene
Concen: 3.991 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.024 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

Tgt Ion:165 Resp: 16823
Ion Ratio Lower Upper
165 100
63 11.5 48.5 72.7#
89 7.0 45.5 68.3#

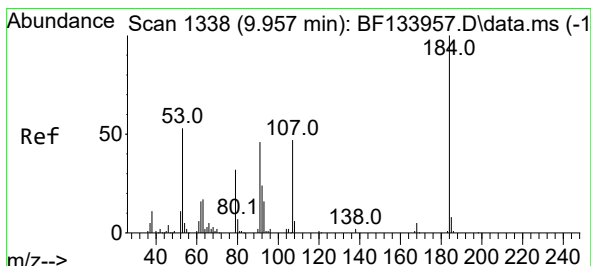
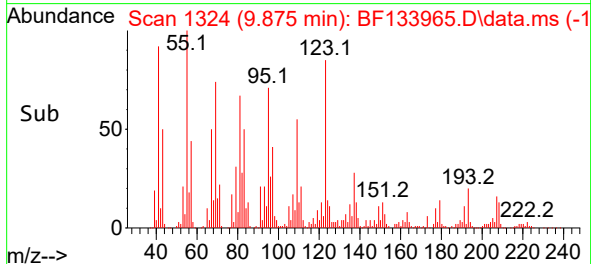
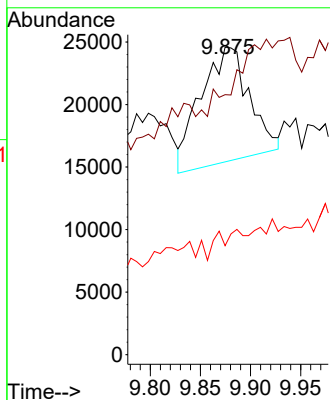
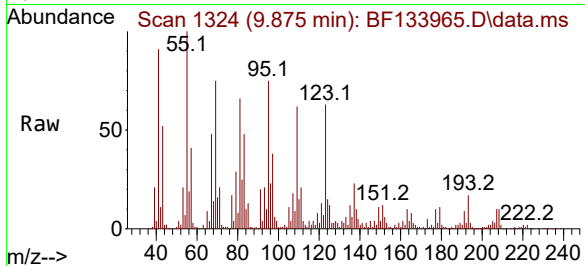




#53
3-Nitroaniline
Concen: 6.161 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.024 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

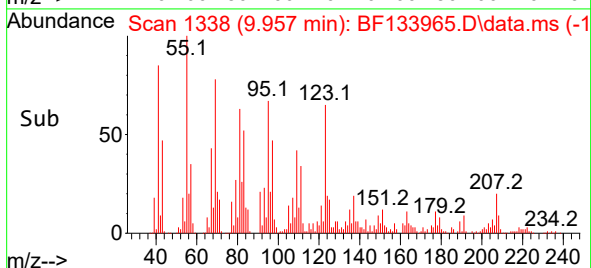
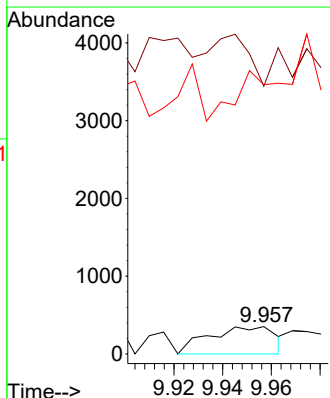
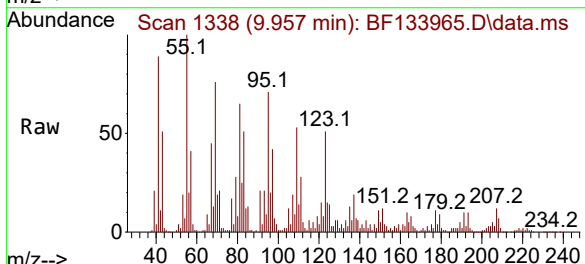
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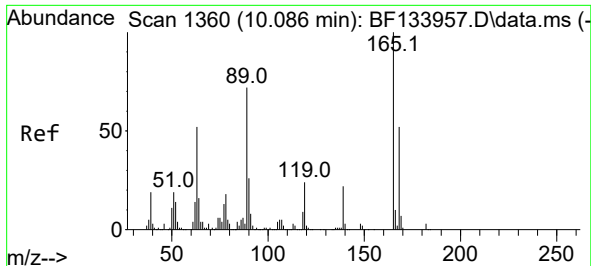
Tgt Ion:138 Resp: 31153
Ion Ratio Lower Upper
138 100
108 84.5 8.4 12.6#
92 35.4 90.1 135.1#



#54
2,4-Dinitrophenol
Concen: 4.125 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

Tgt Ion:184 Resp: 668
Ion Ratio Lower Upper
184 100
63 977.8 56.9 85.3#
154 983.8 55.4 83.0#

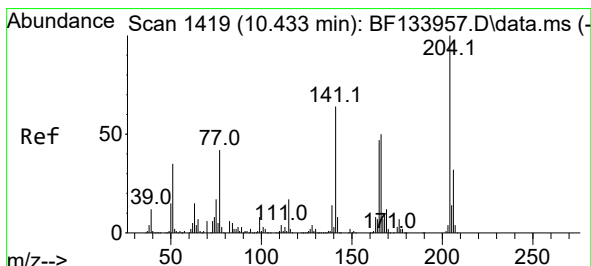
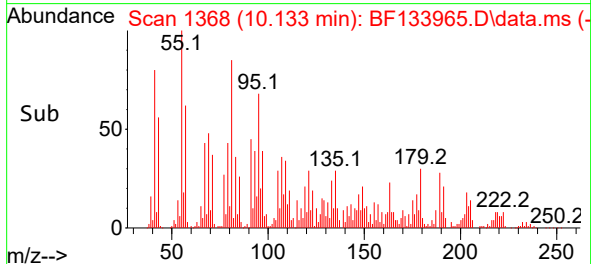
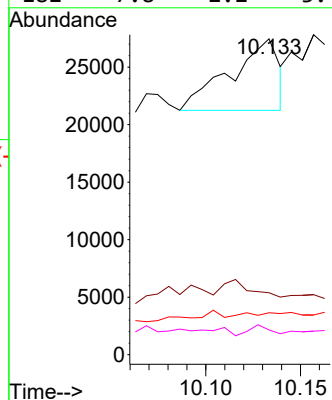
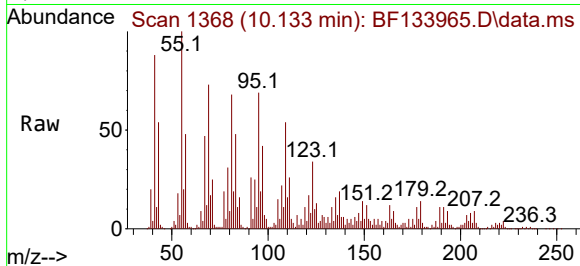




#57
2,4-Dinitrotoluene
Concen: 2.001 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

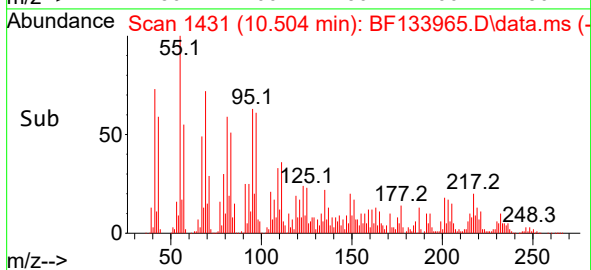
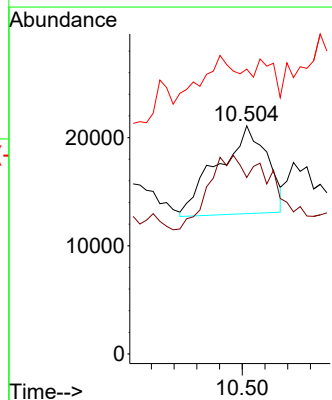
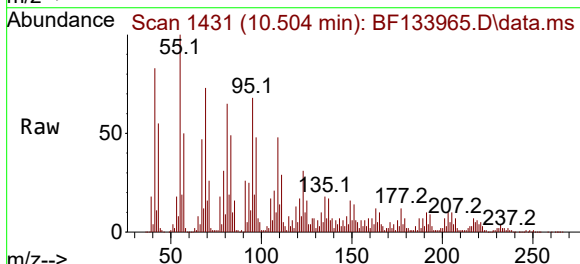
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ClientSampleId :
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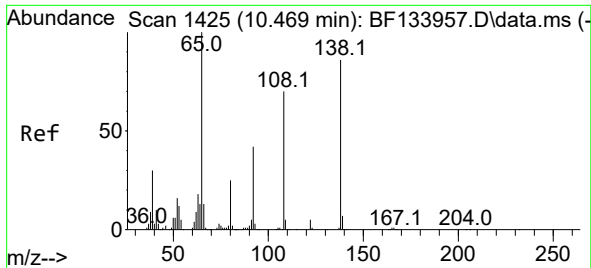
Tgt Ion:165 Resp: 11137
Ion Ratio Lower Upper
165 100
63 19.6 42.2 63.2#
89 13.3 57.4 86.2#
182 7.8 2.2 3.4#



#61
4-Chlorophenyl-phenylether
Concen: 2.674 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.071 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

Tgt Ion:204 Resp: 24572
Ion Ratio Lower Upper
204 100
206 77.3 25.8 38.6#
141 124.8 51.5 77.3#

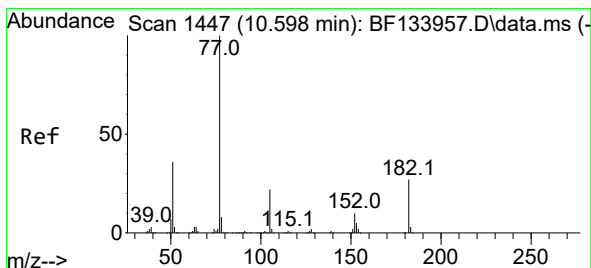
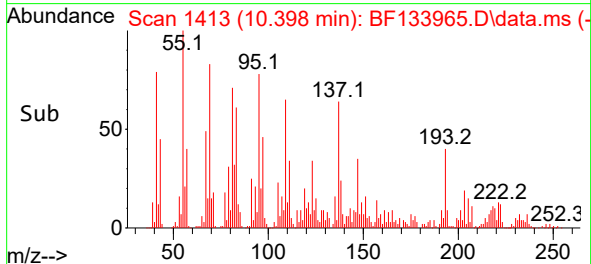
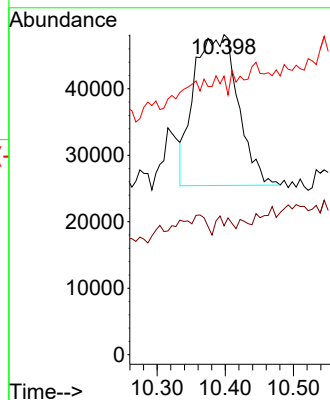
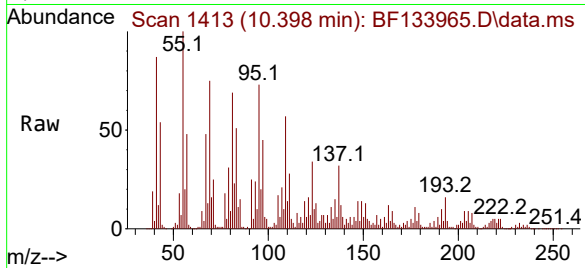




#62
4-Nitroaniline
Concen: 19.928 ng
RT: 10.398 min Scan# 1425
Delta R.T. -0.071 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

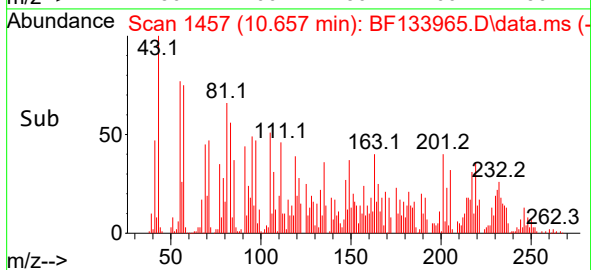
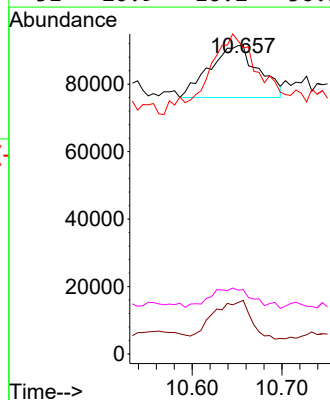
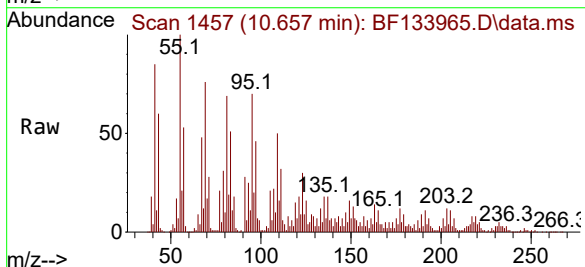
Instrument :
BNA_F
ClientSampleId :
TP4

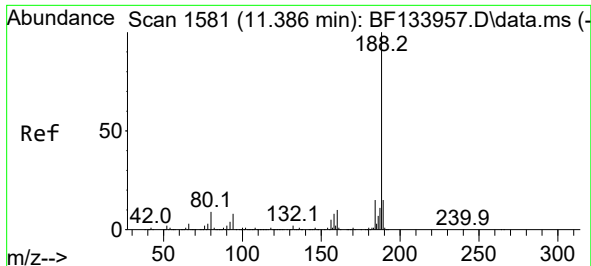
Tgt Ion:138 Resp: 101548
Ion Ratio Lower Upper
138 100
92 40.2 29.7 69.7
108 87.0 62.1 102.1



#63
Azobenzene
Concen: 3.030 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.059 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

Tgt Ion: 77 Resp: 58442
Ion Ratio Lower Upper
77 100
182 17.4 6.8 46.8
105 99.3 2.3 42.3#
51 20.9 16.2 56.2

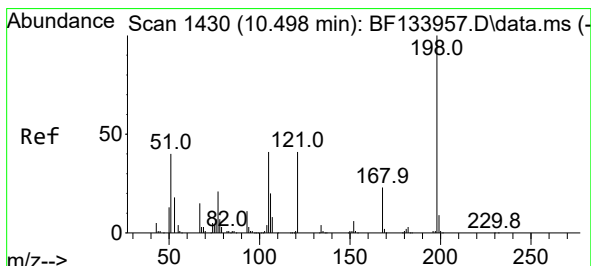
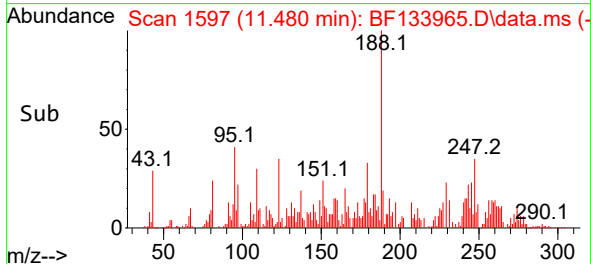
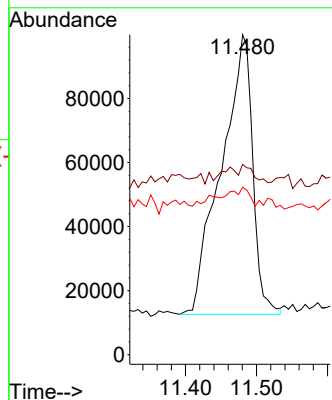
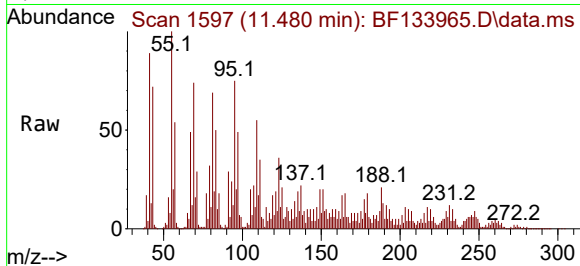




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

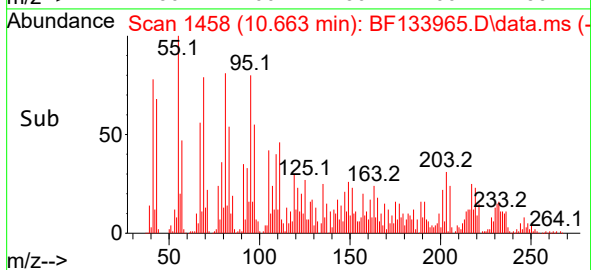
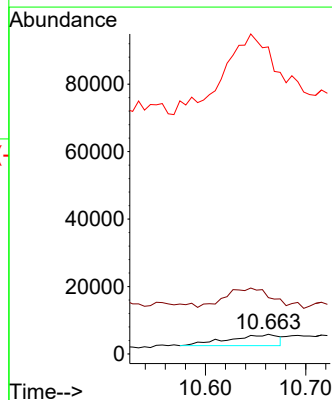
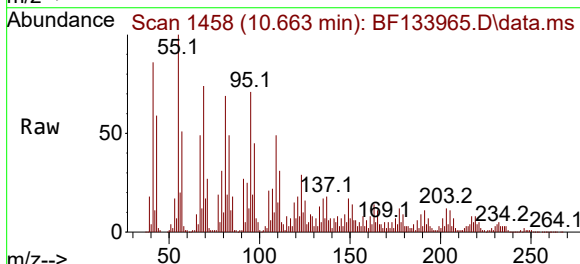
Instrument :
BNA_F
ClientSampleId :
TP4

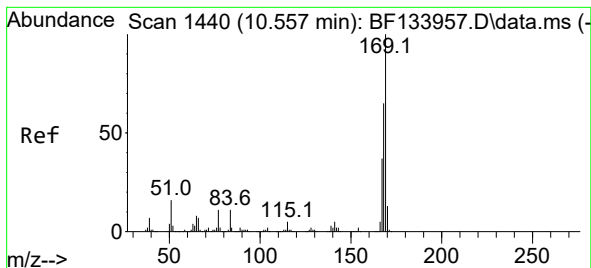
Tgt Ion:188 Resp: 268123
Ion Ratio Lower Upper
188 100
94 59.4 6.4 9.6#
80 52.3 7.3 10.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 7.907 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.165 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

Tgt Ion:198 Resp: 11559
Ion Ratio Lower Upper
198 100
51 285.7 29.3 69.3#
105 1555.4 22.4 62.4#





#66

n-Nitrosodiphenylamine

Concen: 5.146 ng

RT: 10.627 min Scan# 1440

Delta R.T. 0.071 min

Lab File: BF133965.D

Acq: 26 Jun 2023 22:09

Instrument :

BNA_F

ClientSampleId :

TP4

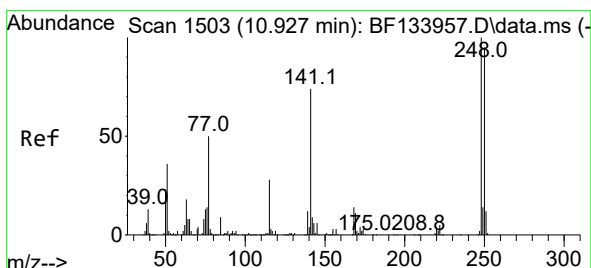
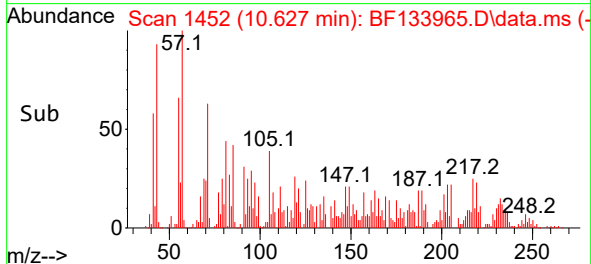
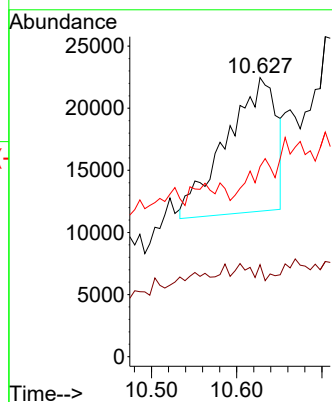
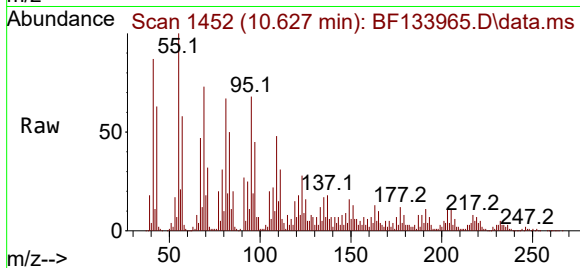
Tgt Ion:169 Resp: 44087

Ion Ratio Lower Upper

169 100

168 33.0 52.3 78.5#

167 68.1 29.4 44.0#



#67

4-Bromophenyl-phenylether

Concen: 2.086 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.159 min

Lab File: BF133965.D

Acq: 26 Jun 2023 22:09

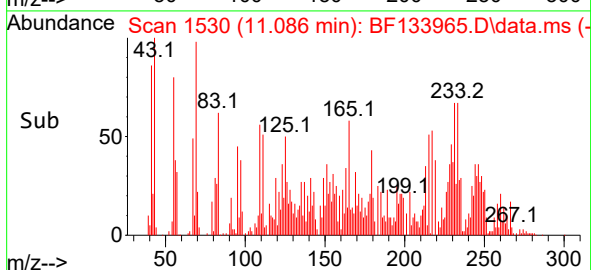
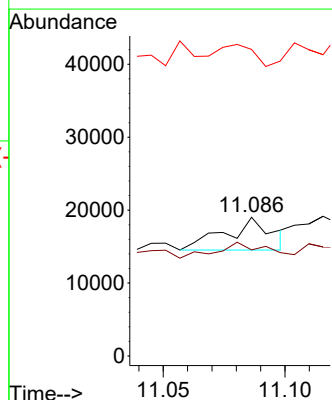
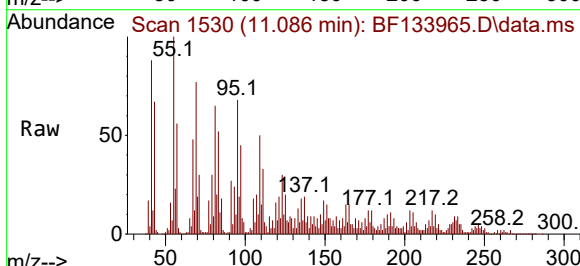
Tgt Ion:248 Resp: 5945

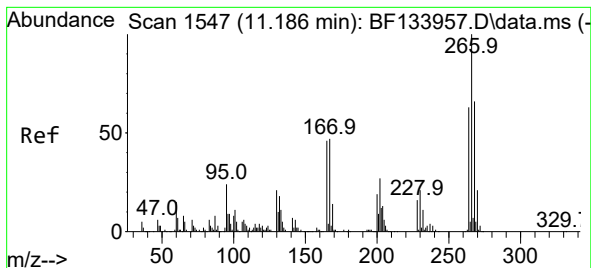
Ion Ratio Lower Upper

248 100

250 76.5 76.2 114.4

141 221.2 59.0 88.4#





#70

Pentachlorophenol

Concen: 2.229 ng

RT: 11.292 min Scan# 1

Delta R.T. 0.106 min

Lab File: BF133965.D

Acq: 26 Jun 2023 22:09

Instrument :

BNA_F

ClientSampleId :

TP4

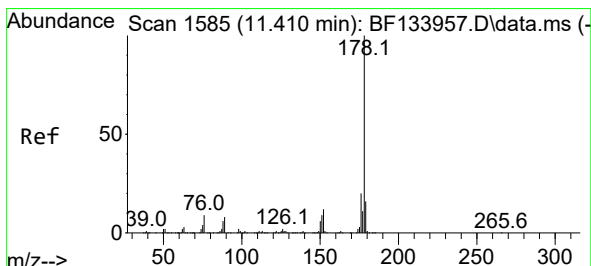
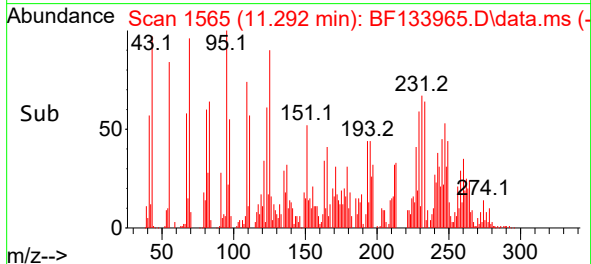
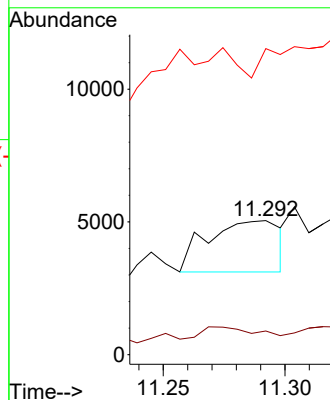
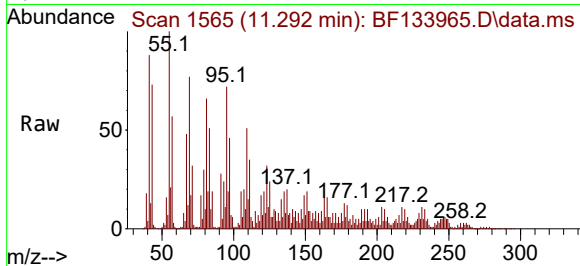
Tgt Ion:266 Resp: 4032

Ion Ratio Lower Upper

266 100

268 17.7 52.6 79.0#

264 228.3 50.6 76.0#



#71

Phenanthrene

Concen: 2.054 ng

RT: 11.504 min Scan# 1601

Delta R.T. 0.094 min

Lab File: BF133965.D

Acq: 26 Jun 2023 22:09

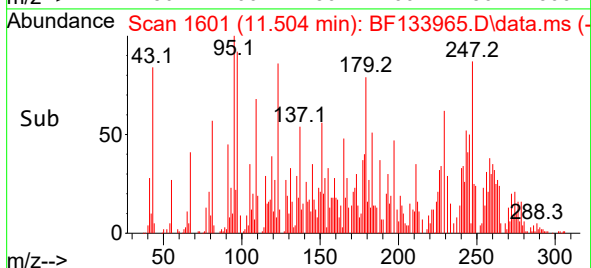
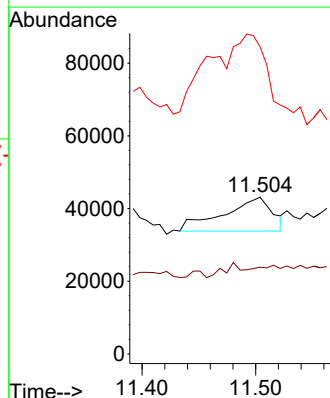
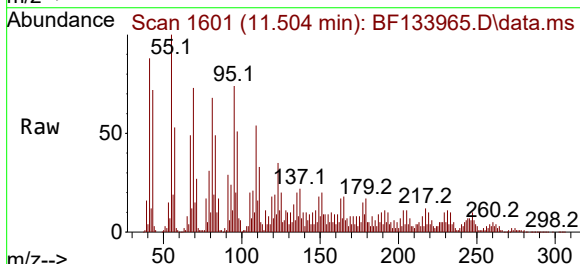
Tgt Ion:178 Resp: 27729

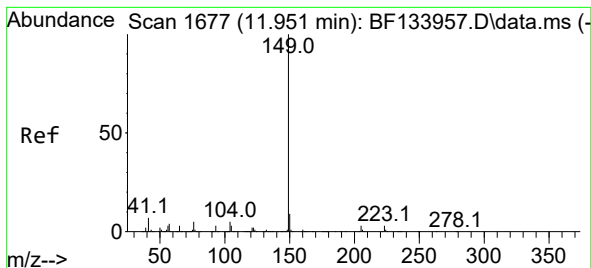
Ion Ratio Lower Upper

178 100

176 55.3 16.0 24.0#

179 195.9 12.4 18.6#





#74

Di-n-butylphthalate

Concen: 7.473 ng

RT: 12.045 min Scan# 1

Delta R.T. 0.094 min

Lab File: BF133965.D

Acq: 26 Jun 2023 22:09

Instrument :

BNA_F

ClientSampleId :

TP4

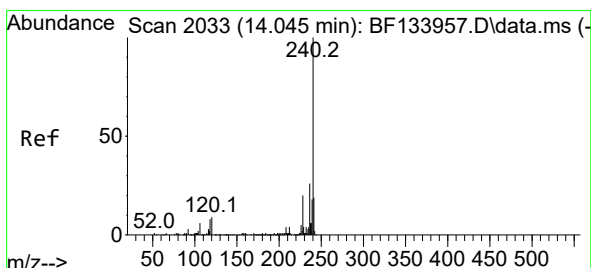
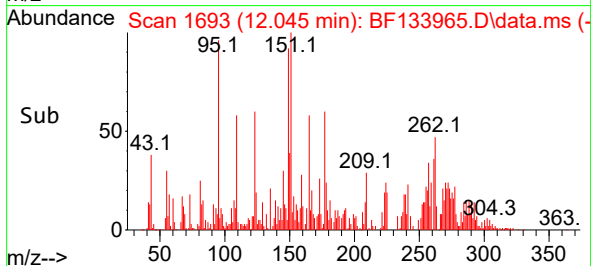
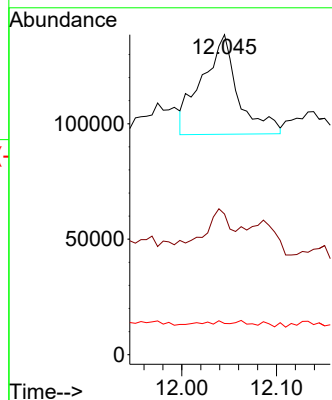
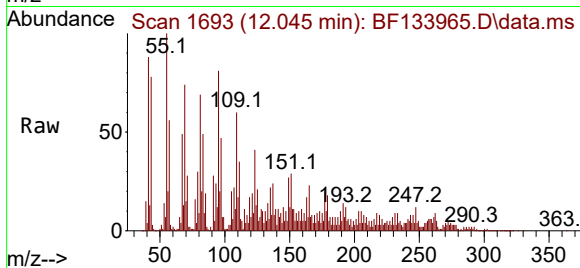
Tgt Ion:149 Resp: 114190

Ion Ratio Lower Upper

149 100

150 43.9 7.1 10.7#

104 9.8 4.0 6.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.115 min Scan# 2045

Delta R.T. 0.071 min

Lab File: BF133965.D

Acq: 26 Jun 2023 22:09

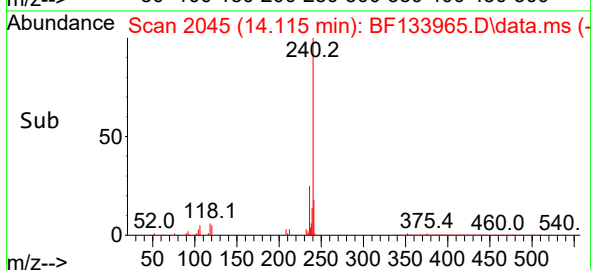
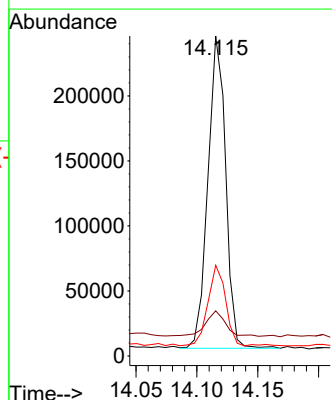
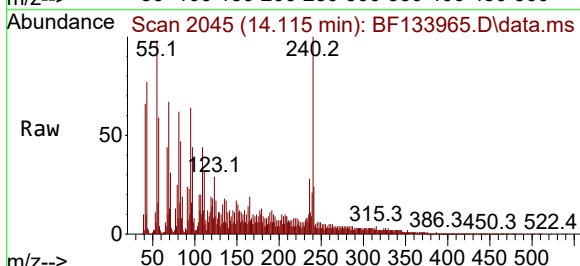
Tgt Ion:240 Resp: 243693

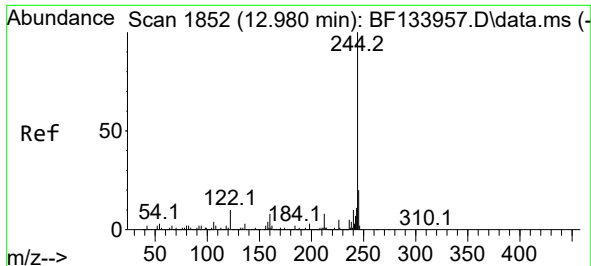
Ion Ratio Lower Upper

240 100

120 14.1 7.4 11.0#

236 28.3 21.0 31.6

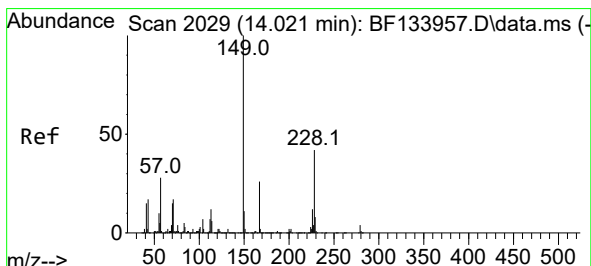
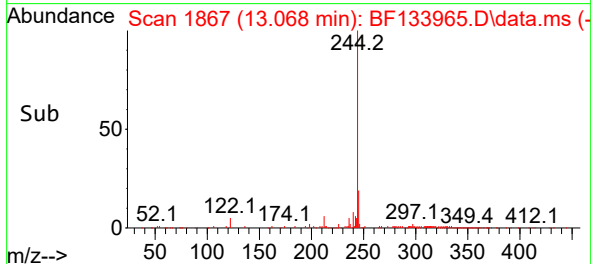
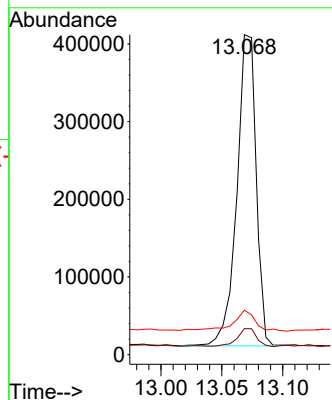
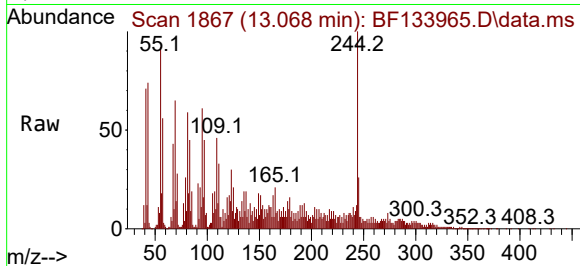




#79
 Terphenyl-d14
 Concen: 29.285 ng
 RT: 13.068 min Scan# 11
 Delta R.T. 0.088 min
 Lab File: BF133965.D
 Acq: 26 Jun 2023 22:09

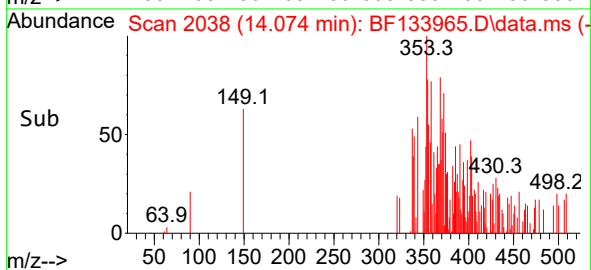
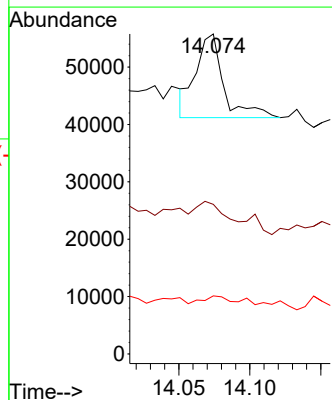
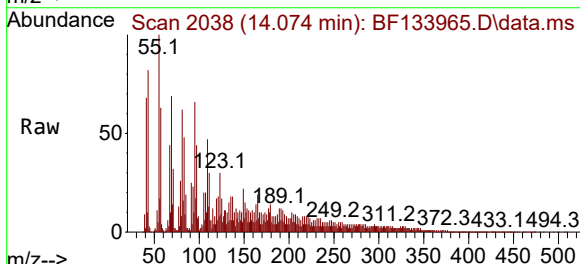
Instrument :
 BNA_F
 ClientSampleId :
 TP4

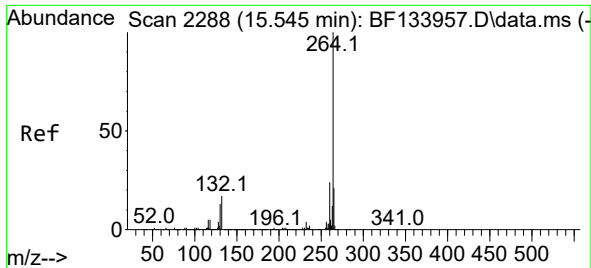
Tgt Ion:244 Resp: 443428
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 13.9 8.3 12.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.027 ng
 RT: 14.074 min Scan# 2038
 Delta R.T. 0.053 min
 Lab File: BF133965.D
 Acq: 26 Jun 2023 22:09

Tgt Ion:149 Resp: 19809
 Ion Ratio Lower Upper
 149 100
 167 46.8 21.0 31.4#
 279 18.2 3.3 4.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF133965.D
Acq: 26 Jun 2023 22:09

Instrument :
BNA_F
ClientSampleId :
TP4

Tgt Ion:264 Resp: 254565

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	23.4	16.6	25.0

