

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133966.D
 Acq On : 26 Jun 2023 22:42
 Operator : CG\JU
 Sample : 03365-24
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Quant Time: Jun 26 23:31:55 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)

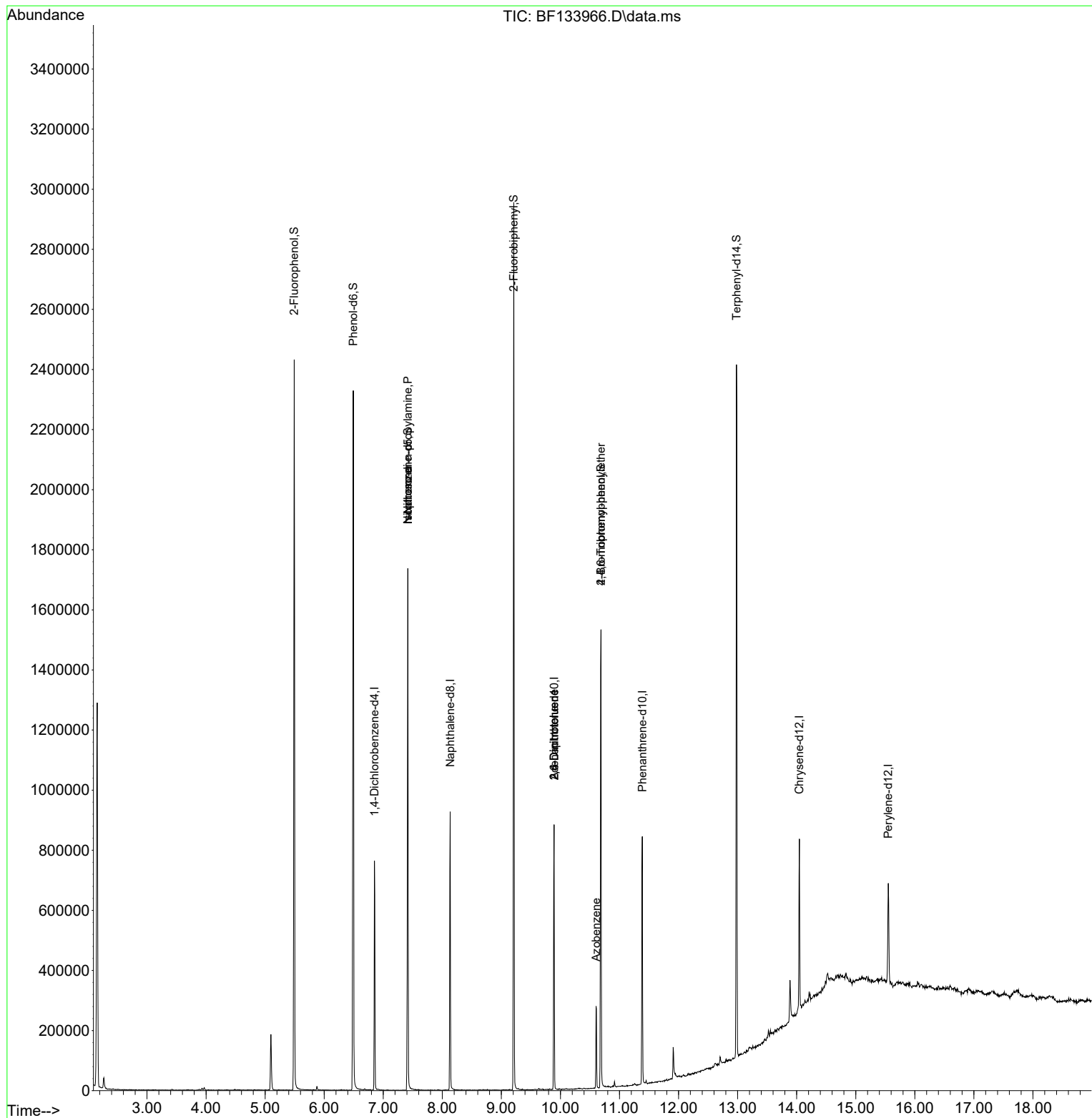
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	108671	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	380432	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	164774	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	305398	20.000	ng	0.00
76) Chrysene-d12	14.045	240	186780	20.000	ng	0.00
86) Perylene-d12	15.551	264	161860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	624972	96.202	ng	0.01
7) Phenol-d6	6.492	99	744524	93.189	ng	0.00
23) Nitrobenzene-d5	7.416	82	469328	66.501	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	181847	88.022	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	802042	70.769	ng	0.00
79) Terphenyl-d14	12.980	244	839517	72.338	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	1510	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	64877	12.805	ng	# 79
25) Isophorone	7.416	82	469321	36.590	ng	# 64
51) 2,6-Dinitrotoluene	9.892	165	21761	8.447	ng	# 23
57) 2,4-Dinitrotoluene	9.892	165	21761	6.396	ng	# 22
63) Azobenzene	10.604	77	48942	4.152	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	11578	3.567	ng	# 1

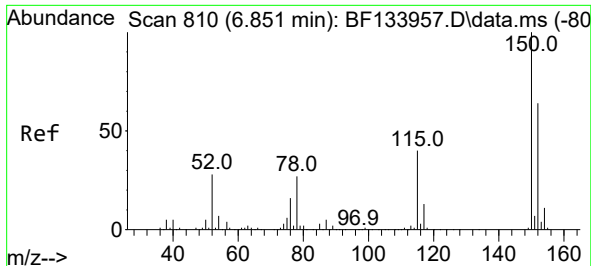
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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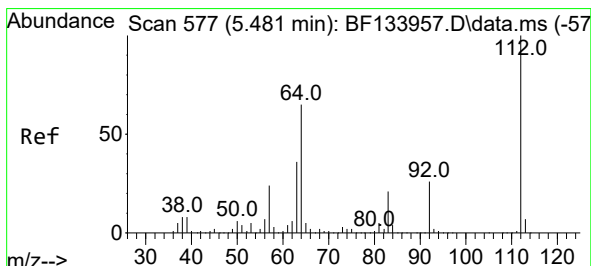
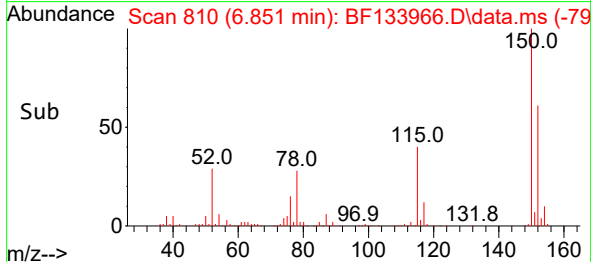
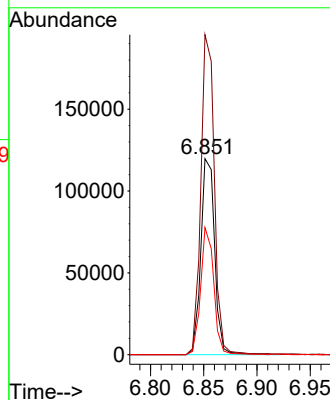
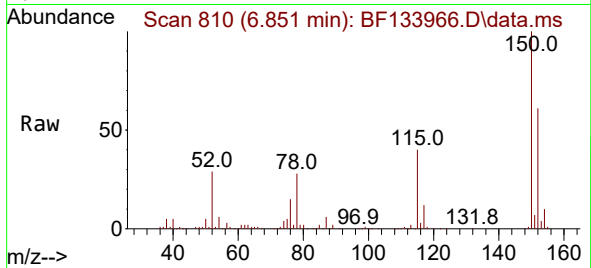




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

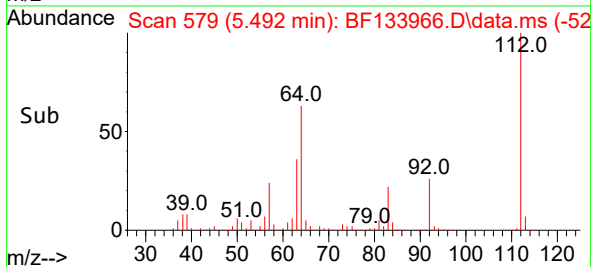
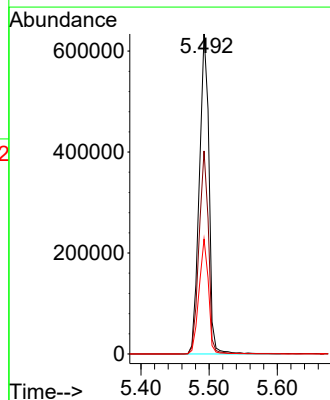
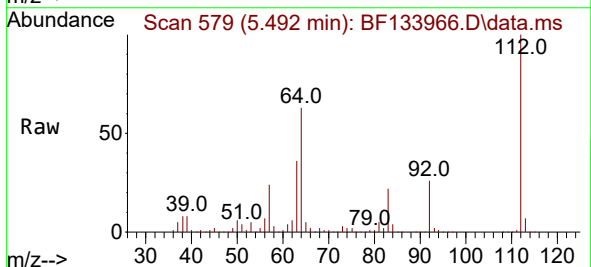
Instrument :
BNA_F
ClientSampleId :
TP1

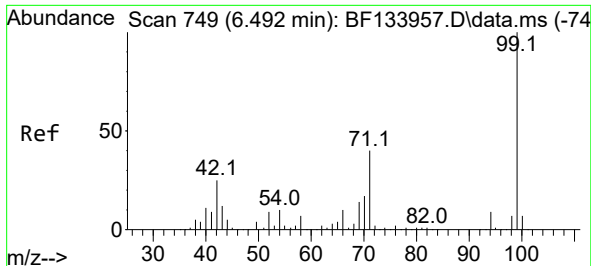
Tgt Ion:152 Resp: 108671
Ion Ratio Lower Upper
152 100
150 163.3 124.5 186.7
115 64.9 50.2 75.2



#5
2-Fluorophenol
Concen: 96.202 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

Tgt Ion:112 Resp: 624972
Ion Ratio Lower Upper
112 100
64 63.5 52.1 78.1
63 35.9 28.6 42.8

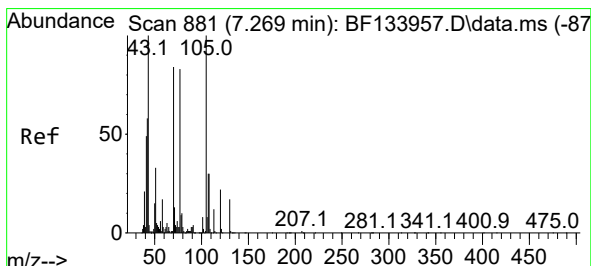
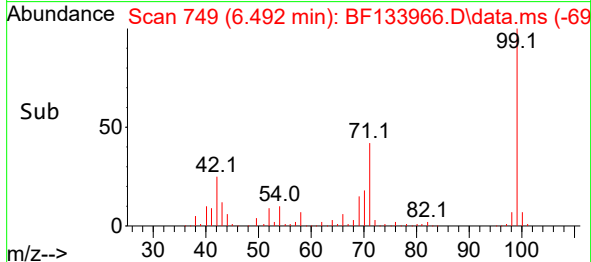
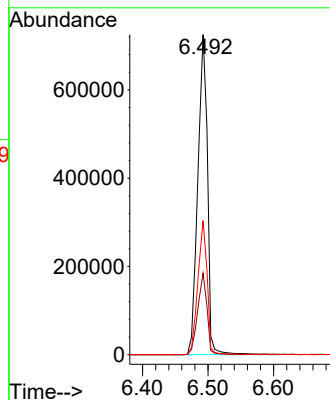
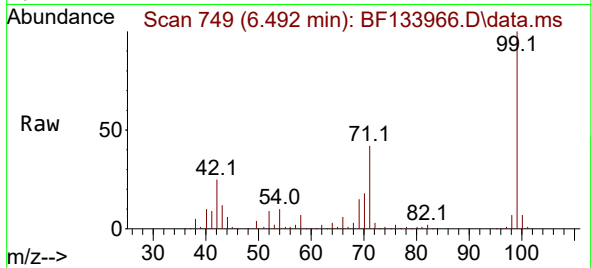




#7
Phenol-d6
Concen: 93.189 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

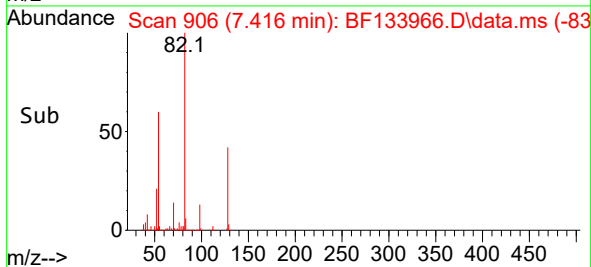
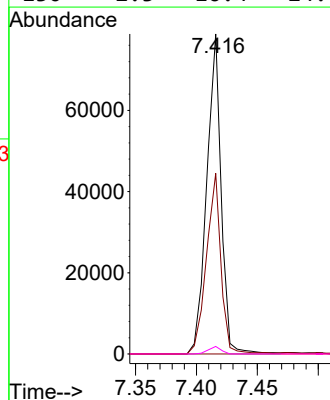
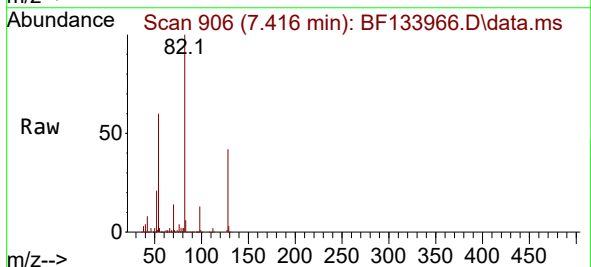
Instrument :
BNA_F
ClientSampleId :
TP1

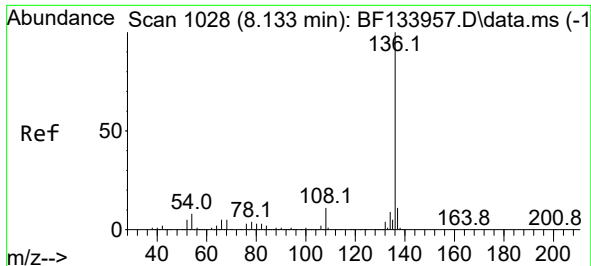
Tgt Ion: 99 Resp: 744524
Ion Ratio Lower Upper
99 100
42 25.4 19.8 29.6
71 41.9 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.805 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

Tgt Ion: 70 Resp: 64877
Ion Ratio Lower Upper
70 100
42 56.5 54.7 82.1
101 0.0 7.7 11.5#
130 2.3 16.4 24.6#



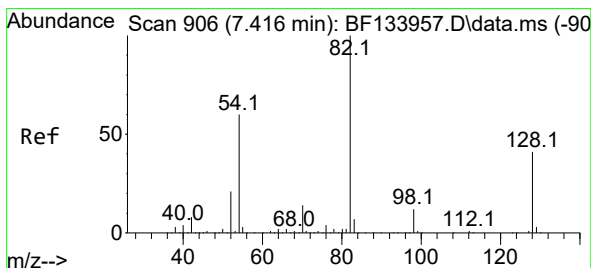
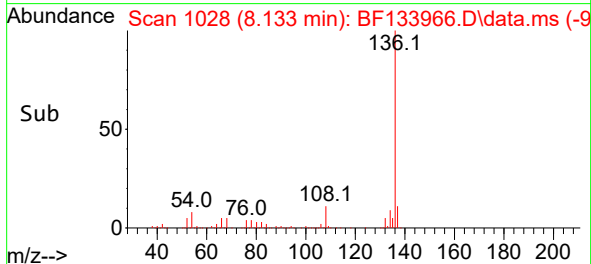
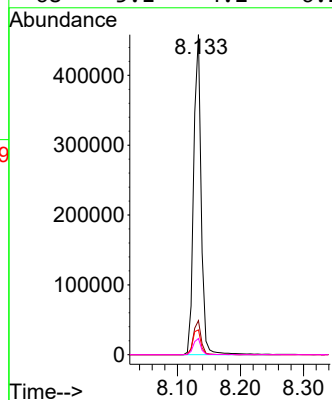
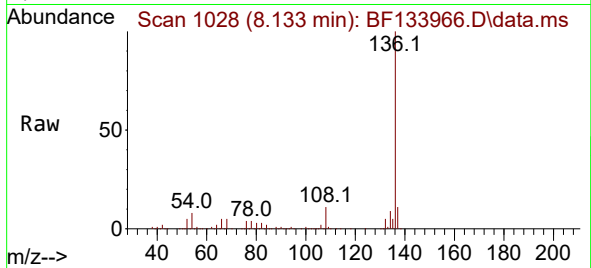


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

Instrument :
BNA_F
ClientSampleId :
TP1

Tgt Ion:136 Resp: 380432

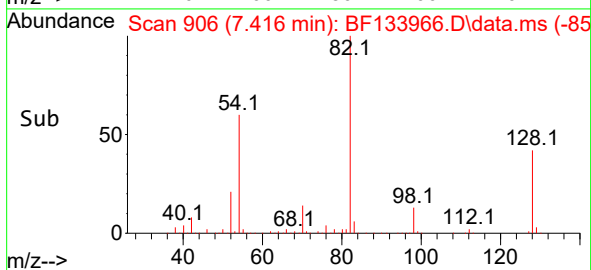
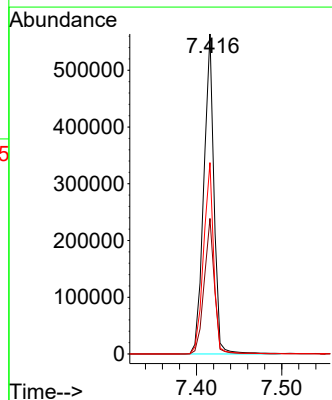
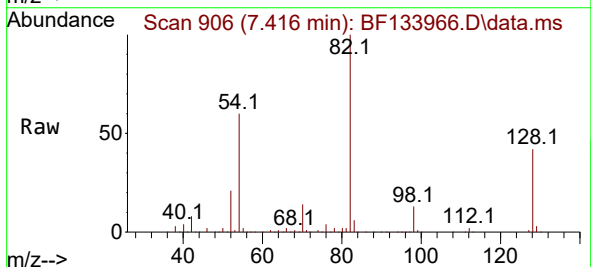
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.8	6.5	9.7
68	5.1	4.2	6.2



#23
Nitrobenzene-d5
Concen: 66.501 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.000 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

Tgt Ion: 82 Resp: 469328

Ion	Ratio	Lower	Upper
82	100		
128	42.4	32.5	48.7
54	59.8	48.2	72.2

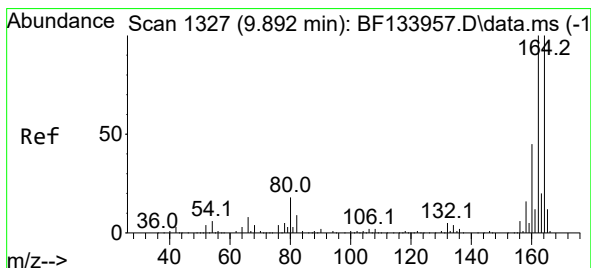
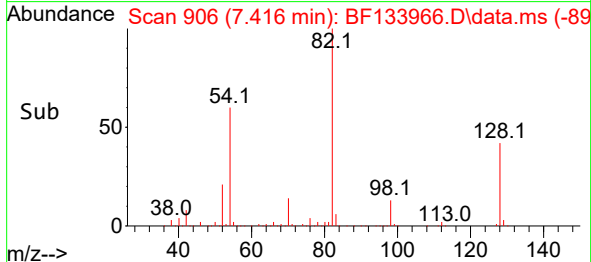
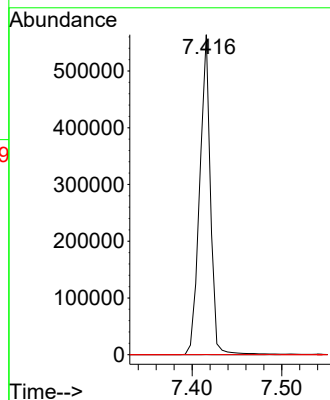
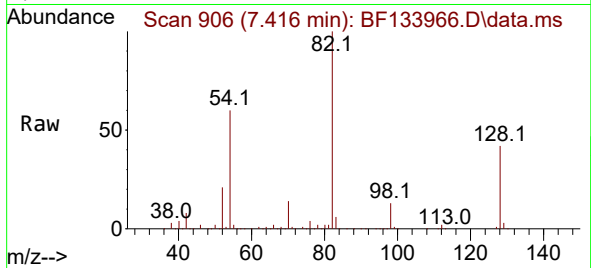




#25
Isophorone
Concen: 36.590 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.259 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

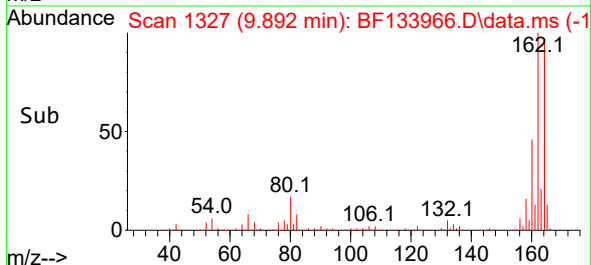
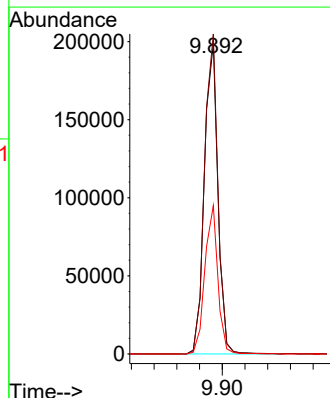
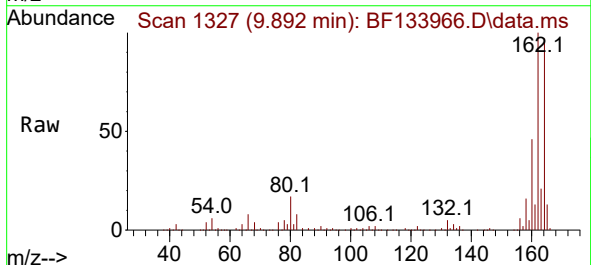
Instrument :
BNA_F
ClientSampleId :
TP1

Tgt Ion: 82 Resp: 469321
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

Tgt Ion: 164 Resp: 164774
Ion Ratio Lower Upper
164 100
162 103.0 80.0 120.0
160 47.7 35.9 53.9

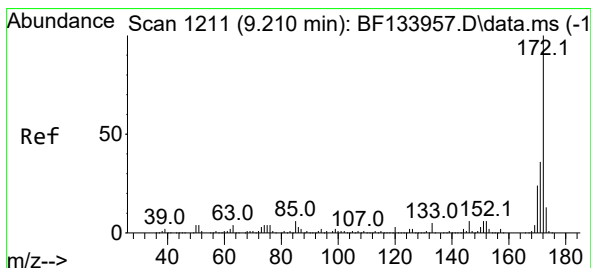
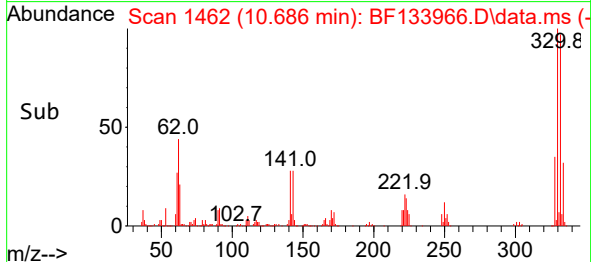
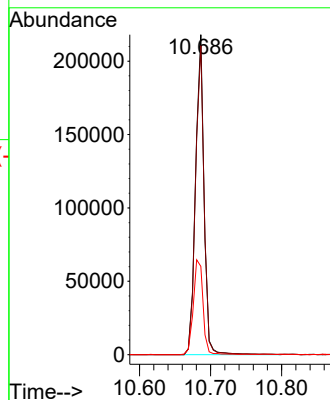
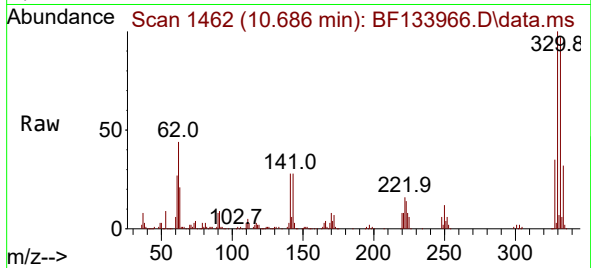




#42
2,4,6-Tribromophenol
Concen: 88.022 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

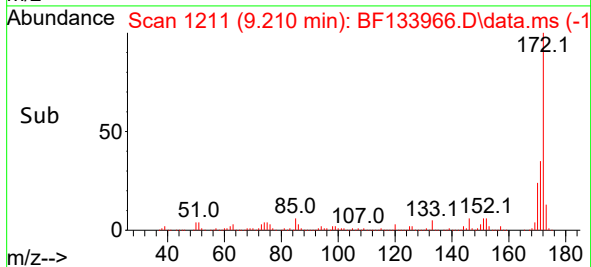
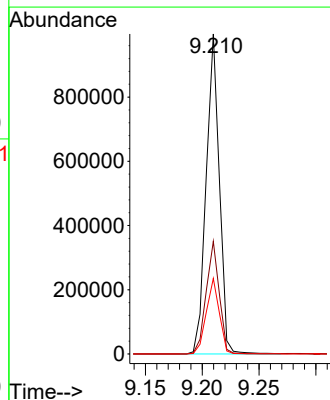
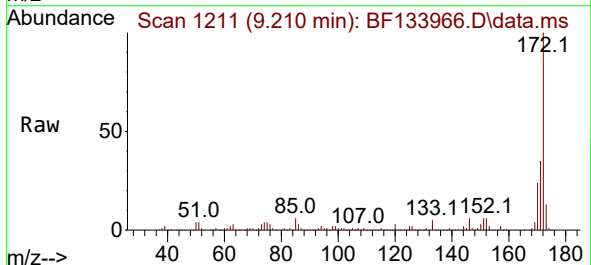
Instrument :
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ClientSampleId :
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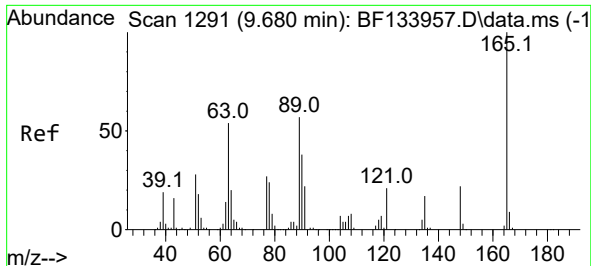
Tgt Ion:330 Resp: 181847
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 33.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 70.769 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

Tgt Ion:172 Resp: 802042
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.6 19.4 29.0

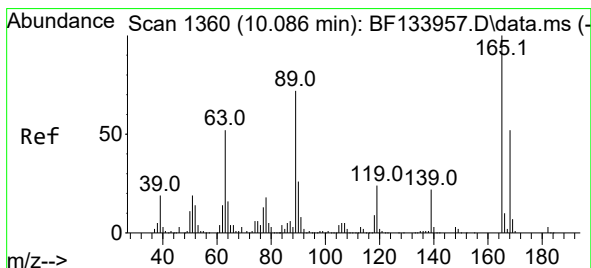
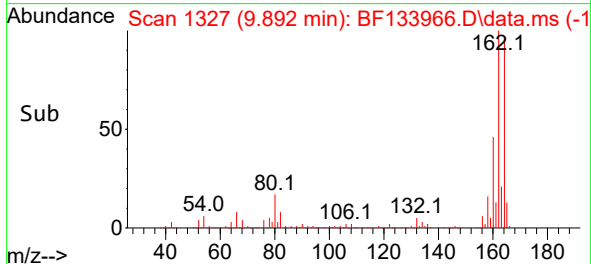
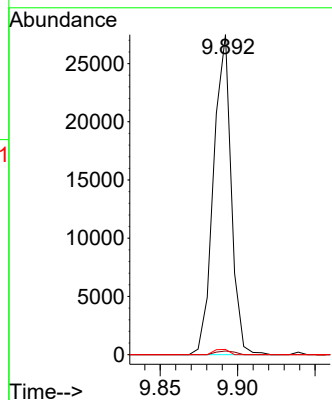
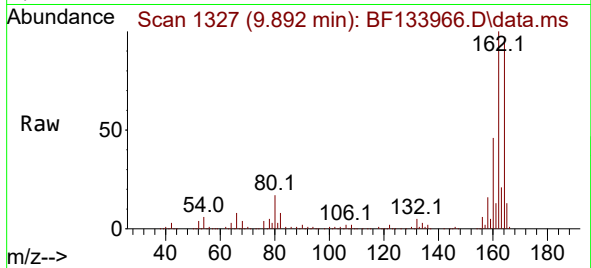




#51
2,6-Dinitrotoluene
Concen: 8.447 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

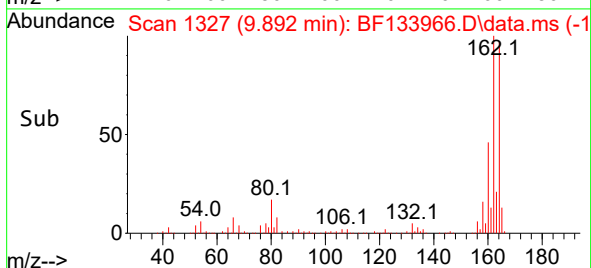
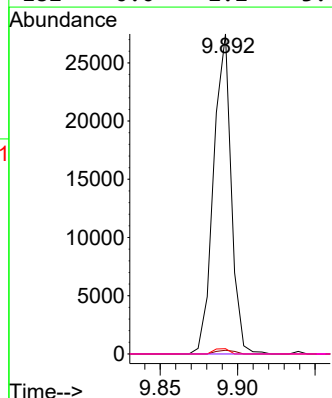
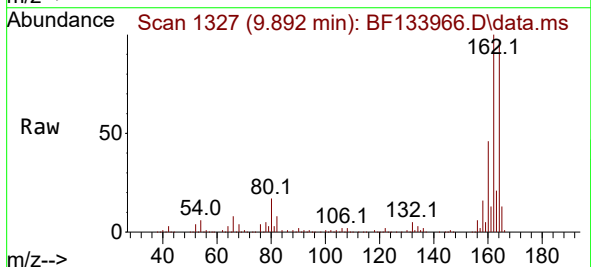
Instrument :
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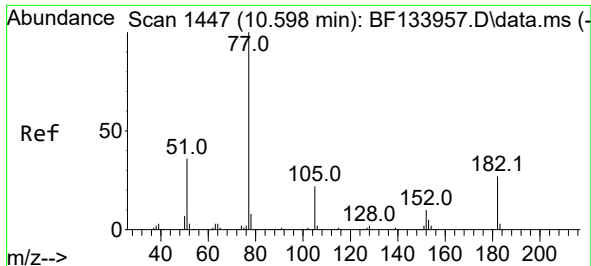
Tgt Ion:165 Resp: 21761
Ion Ratio Lower Upper
165 100
63 1.2 48.5 72.7#
89 1.7 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.396 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.194 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

Tgt Ion:165 Resp: 21761
Ion Ratio Lower Upper
165 100
63 1.2 42.2 63.2#
89 1.7 57.4 86.2#
182 0.0 2.2 3.4#

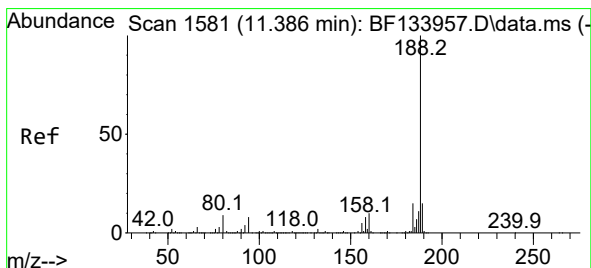
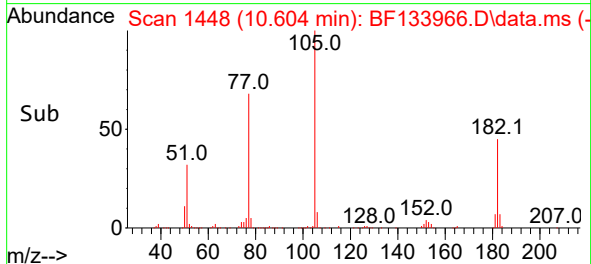
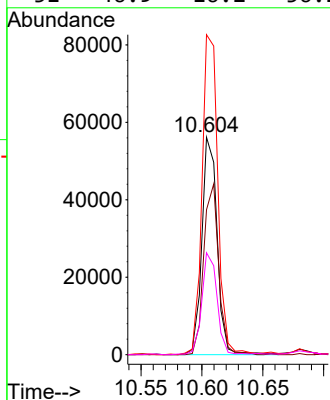
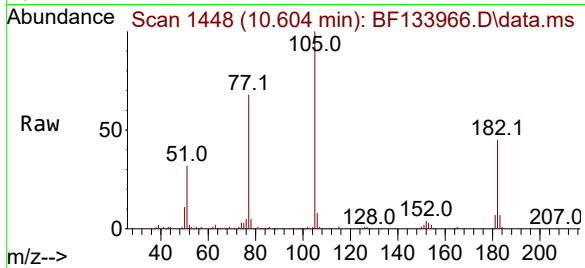




#63
Azobenzene
Concen: 4.152 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

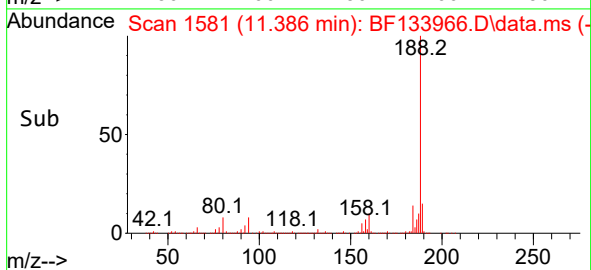
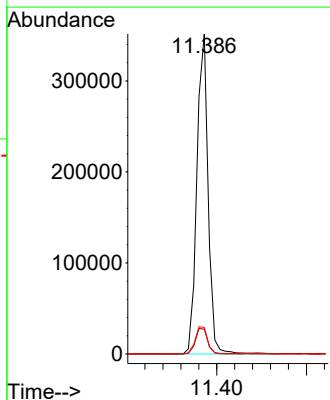
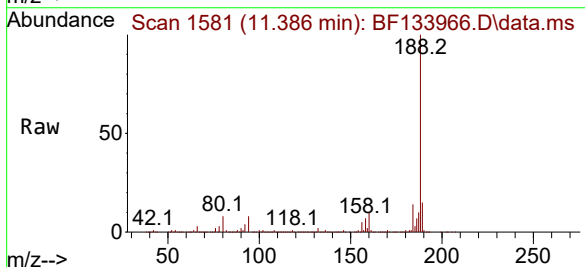
Instrument :
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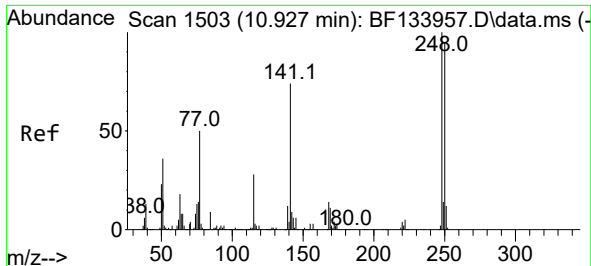
Tgt Ion: 77	Resp: 48942
Ion Ratio	Lower Upper
77 100	
182 66.7	6.8 46.8#
105 147.1	2.3 42.3#
51 46.9	16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

Tgt Ion: 188	Resp: 305398
Ion Ratio	Lower Upper
188 100	
94 7.8	6.4 9.6
80 8.3	7.3 10.9

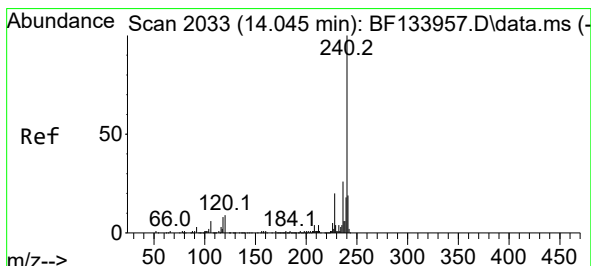
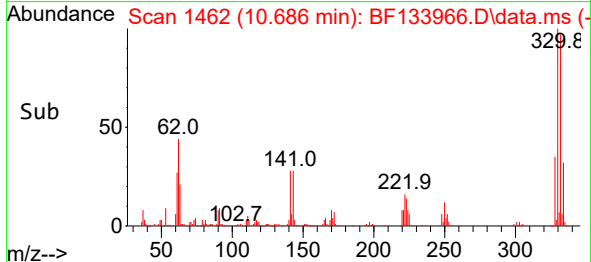
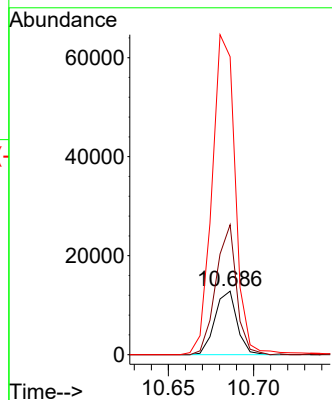
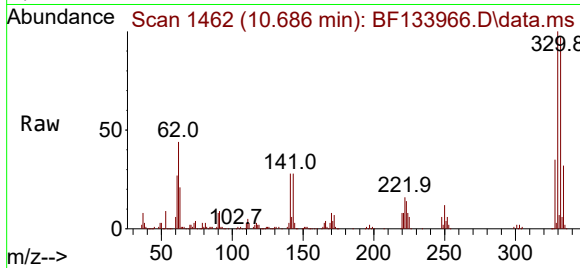




#67
4-Bromophenyl-phenylether
Concen: 3.567 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

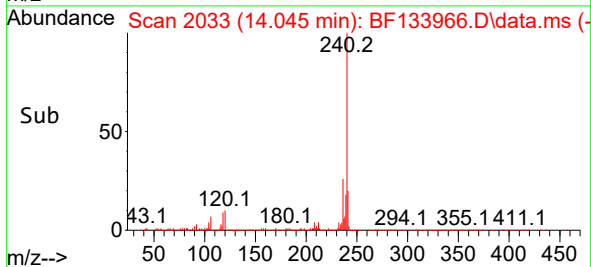
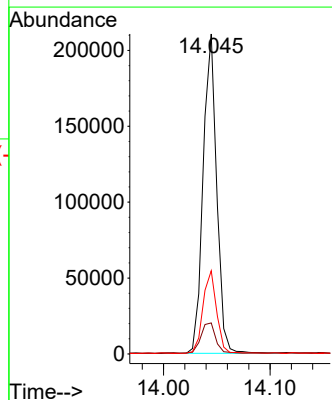
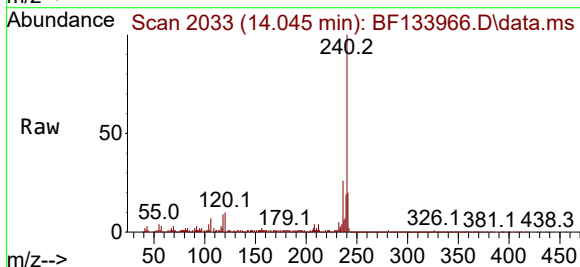
Instrument :
BNA_F
ClientSampleId :
TP1

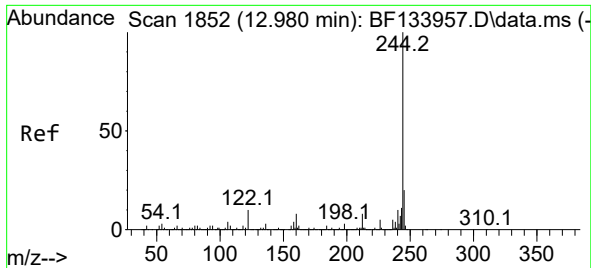
Tgt Ion:248 Resp: 11578
Ion Ratio Lower Upper
248 100
250 204.5 76.2 114.4#
141 469.3 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF133966.D
Acq: 26 Jun 2023 22:42

Tgt Ion:240 Resp: 186780
Ion Ratio Lower Upper
240 100
120 9.7 7.4 11.0
236 26.0 21.0 31.6

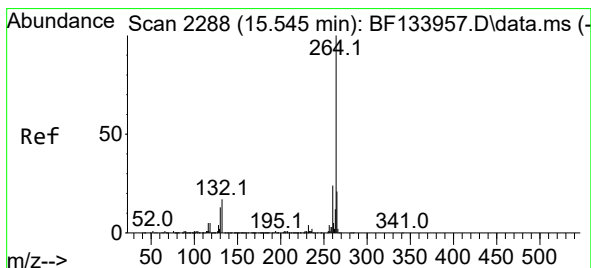
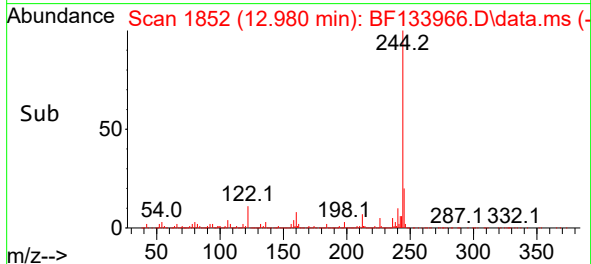
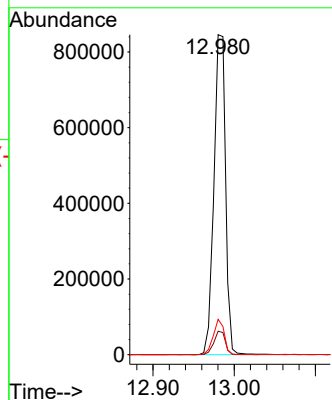
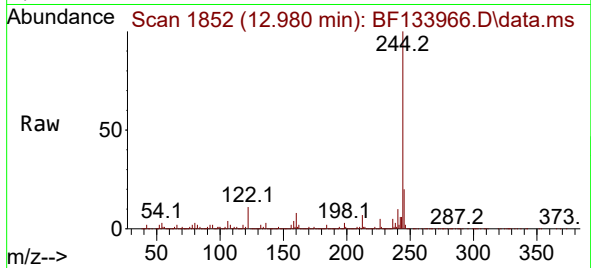




#79
 Terphenyl-d14
 Concen: 72.338 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF133966.D
 Acq: 26 Jun 2023 22:42

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Tgt Ion:244 Resp: 839517
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF133966.D
 Acq: 26 Jun 2023 22:42

Tgt Ion:264 Resp: 161860
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 20.6 16.6 25.0

