

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133266.D
 Acq On : 05 May 2023 16:07
 Operator : CG\JU
 Sample : PB152595BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152595BL

Quant Time: May 06 05:49:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

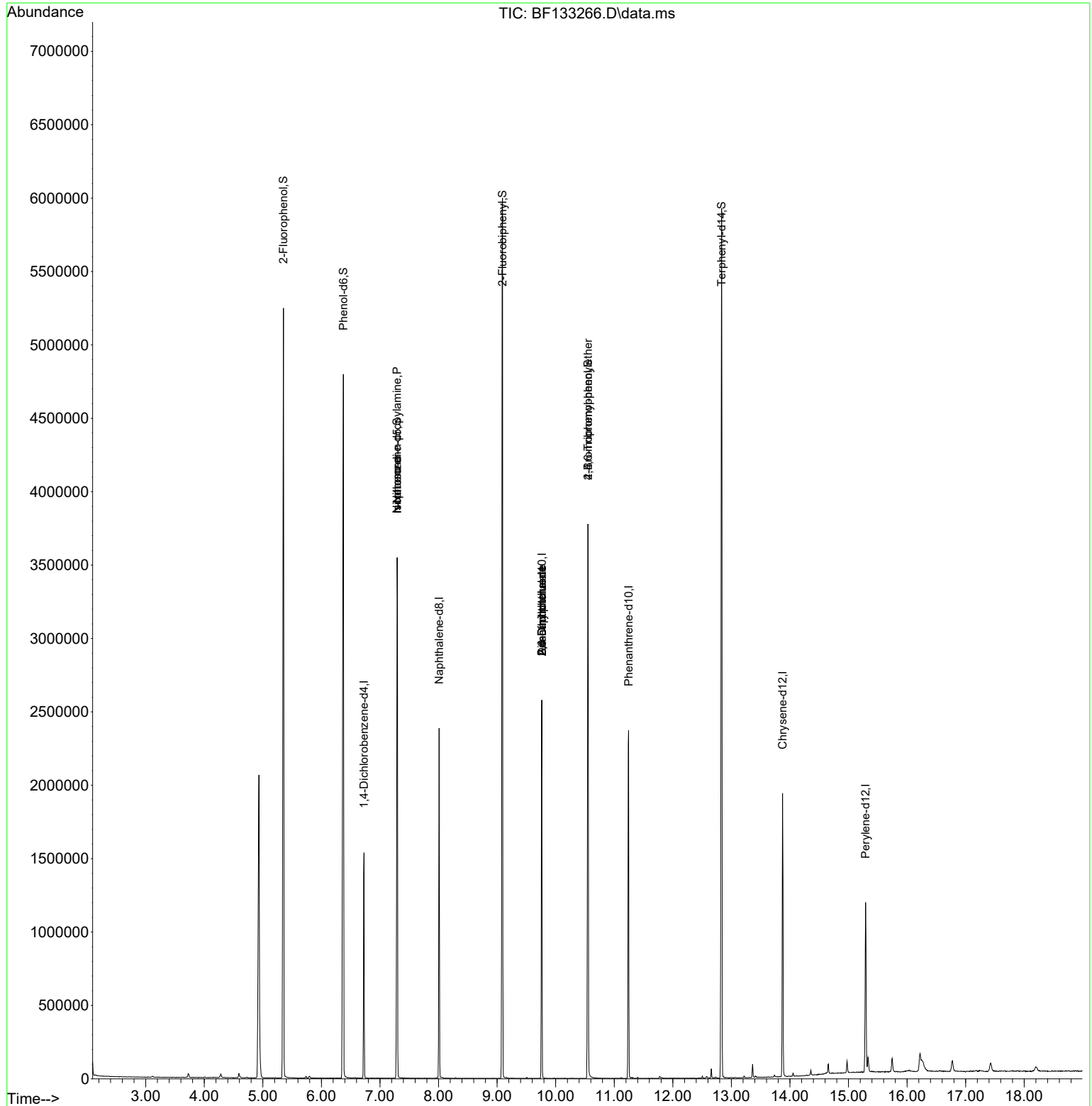
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	216019	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	901640	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	489590	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	894546	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	601921	20.000	ng	0.00
86) Perylene-d12	15.292	264	505999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1706485	119.334	ng	0.02
7) Phenol-d6	6.375	99	2002983	112.848	ng	0.00
23) Nitrobenzene-d5	7.293	82	1259168	75.380	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	526148	106.859	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2074824	70.900	ng	0.00
79) Terphenyl-d14	12.833	244	2485324	71.211	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.375	77	2638	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.293	70	167419	15.151	ng	# 78
25) Isophorone	7.293	82	1259337	39.707	ng	# 63
50) Dimethylphthalate	9.763	163	101729	2.980	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	63081	8.210	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	63081	6.438	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	33152	3.417	ng	# 1

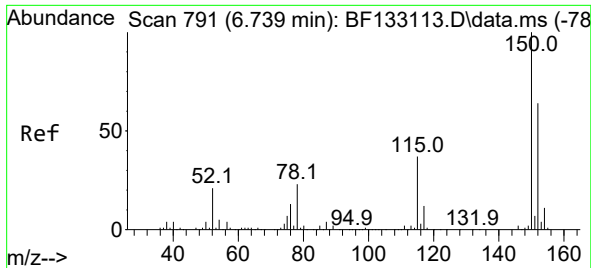
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 06 05:49:26 2023
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QLast Update : Fri May 05 10:49:34 2023
Response via : Initial Calibration

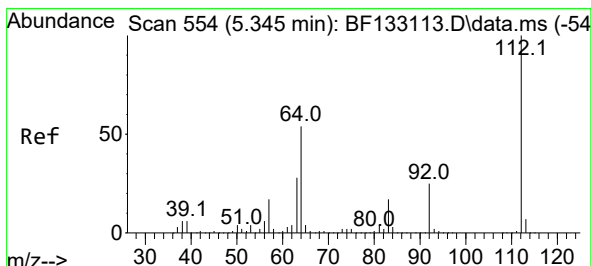
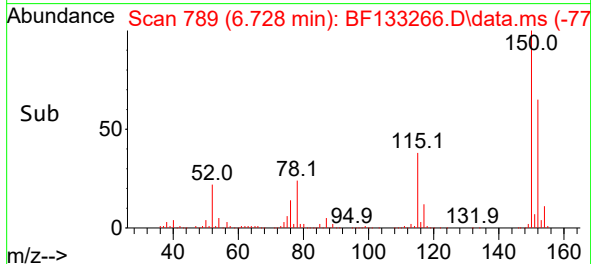
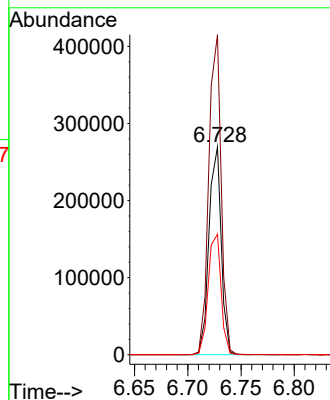
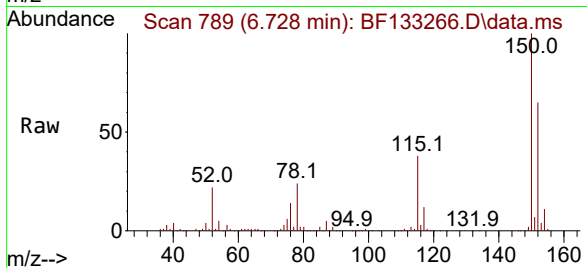




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

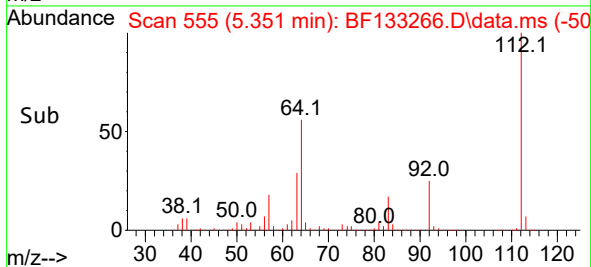
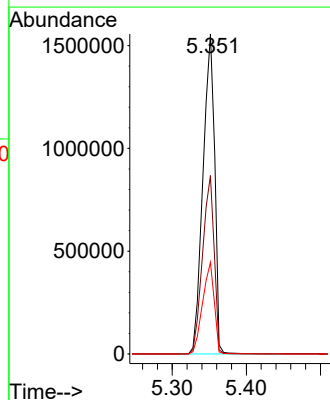
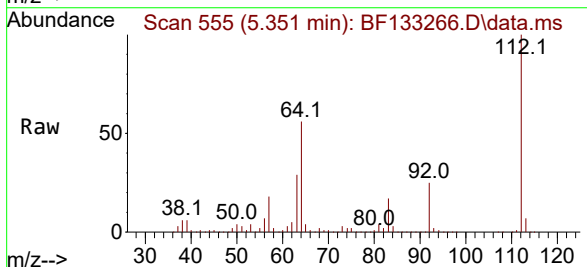
Instrument :
BNA_F
ClientSampleId :
PB152595BL

Tgt Ion:152 Resp: 216019
Ion Ratio Lower Upper
152 100
150 154.0 124.8 187.2
115 58.0 49.9 74.9



#5
2-Fluorophenol
Concen: 119.334 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

Tgt Ion:112 Resp: 1706485
Ion Ratio Lower Upper
112 100
64 55.8 46.8 70.2
63 28.7 23.8 35.8

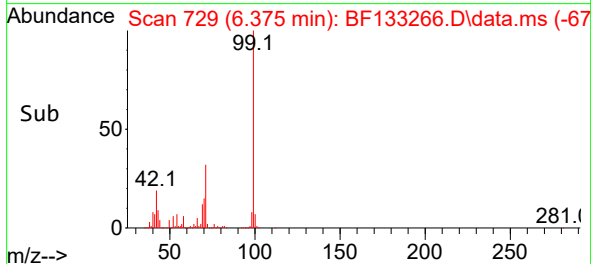
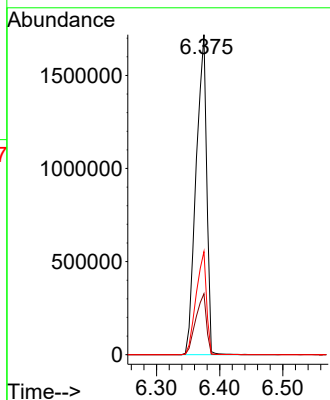
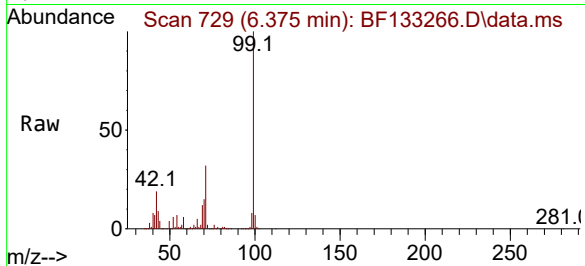




#7
Phenol-d6
Concen: 112.848 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

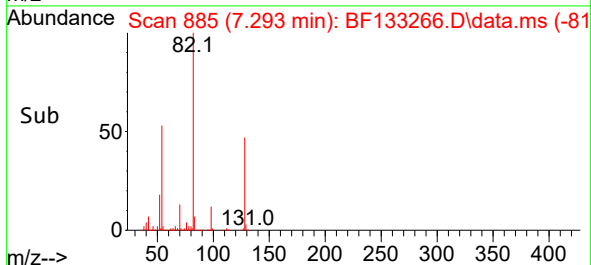
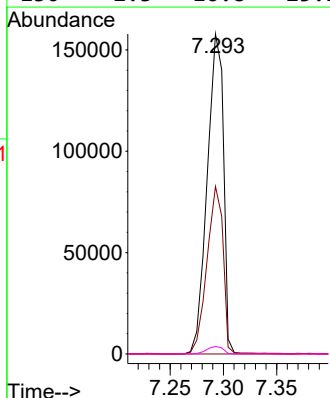
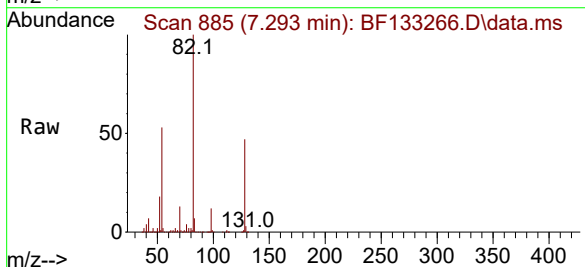
Instrument :
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ClientSampleId :
PB152595BL

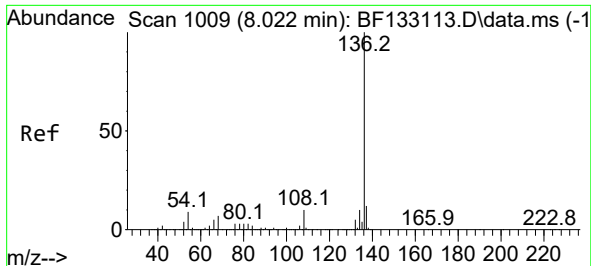
Tgt Ion: 99 Resp: 2002983
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 32.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.151 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

Tgt Ion: 70 Resp: 167419
Ion Ratio Lower Upper
70 100
42 52.4 51.8 77.6
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#



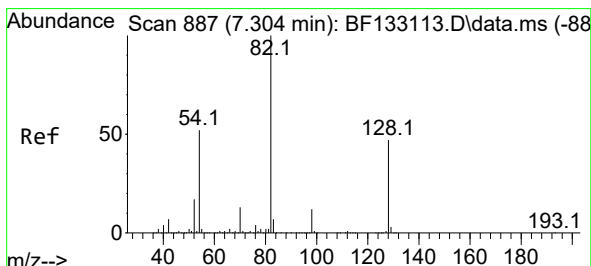
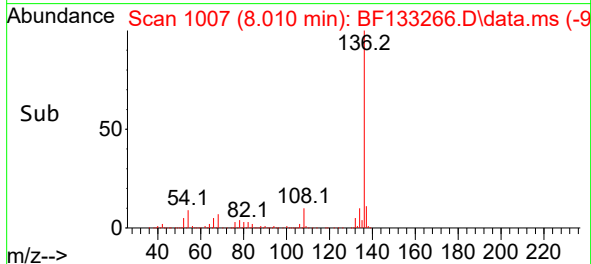
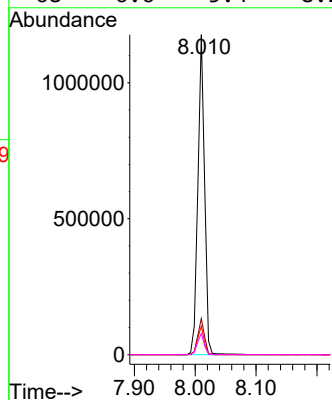
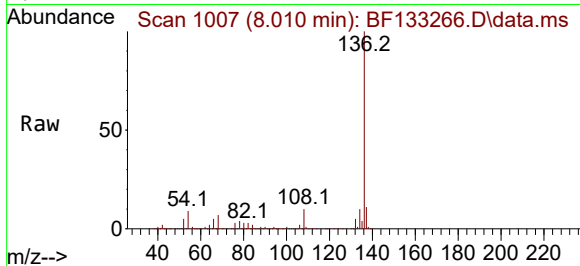


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

Instrument :
BNA_F
ClientSampleId :
PB152595BL

Tgt Ion:136 Resp: 901640

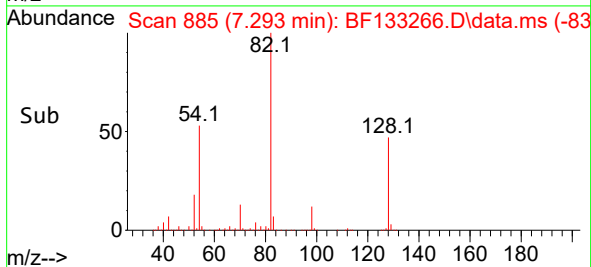
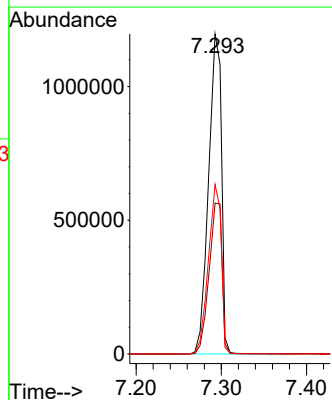
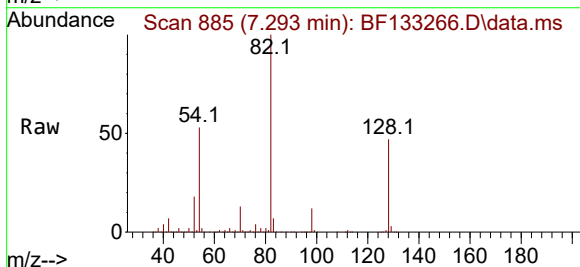
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.9	7.0	10.4
68	6.6	5.4	8.2



#23
Nitrobenzene-d5
Concen: 75.380 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

Tgt Ion: 82 Resp: 1259168

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.7	56.5
54	53.0	43.0	64.4

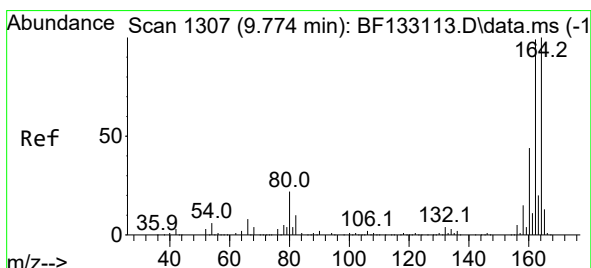
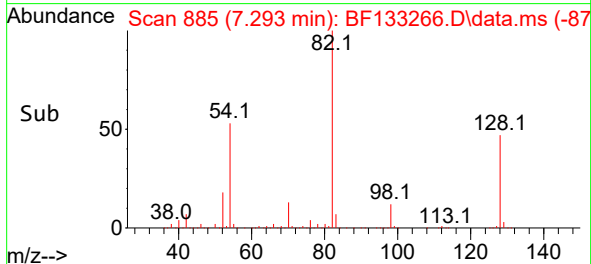
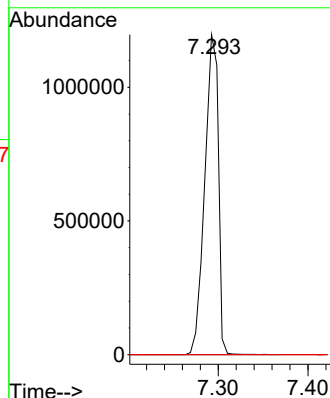
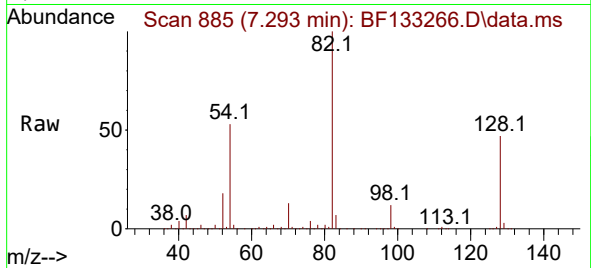




#25
Isophorone
Concen: 39.707 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

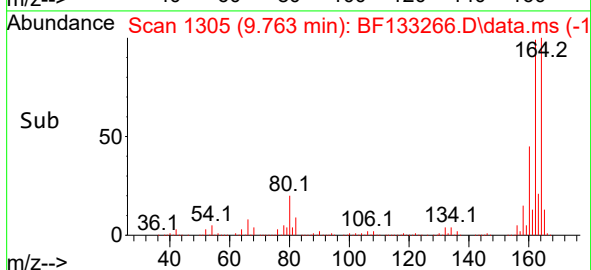
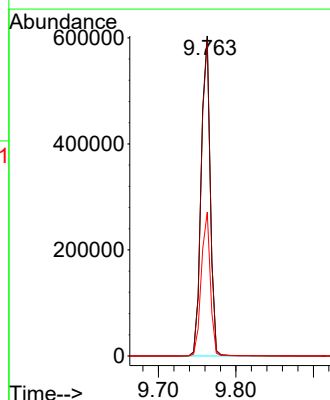
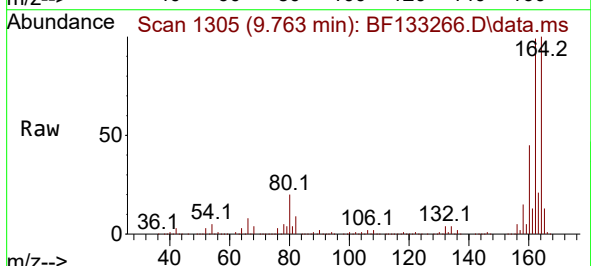
Instrument :
BNA_F
ClientSampleId :
PB152595BL

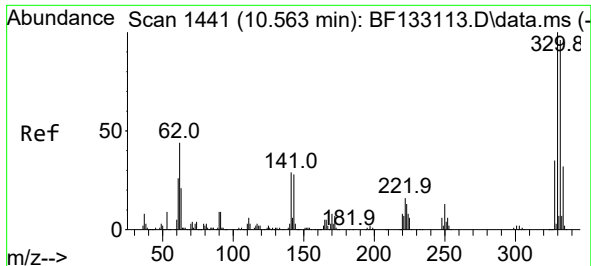
Tgt Ion: 82 Resp: 1259337
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

Tgt Ion: 164 Resp: 489590
Ion Ratio Lower Upper
164 100
162 98.5 78.7 118.1
160 44.9 35.8 53.6

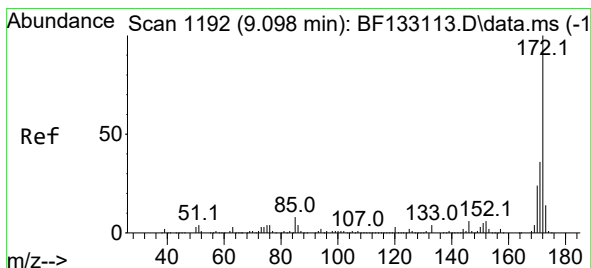
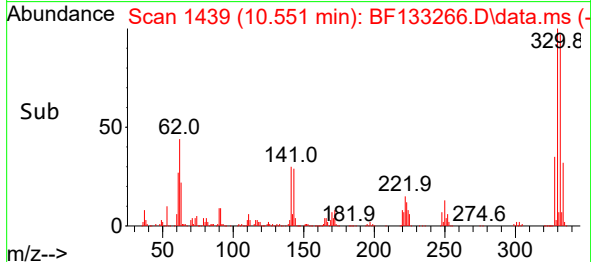
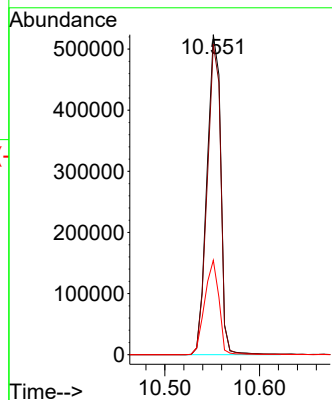
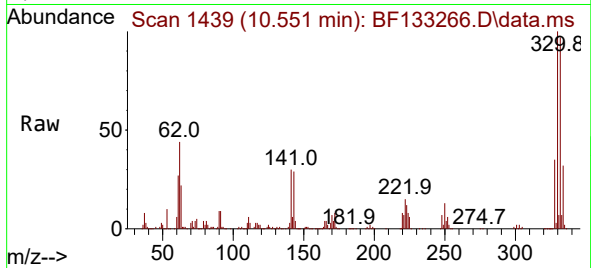




#42
2,4,6-Tribromophenol
Concen: 106.859 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

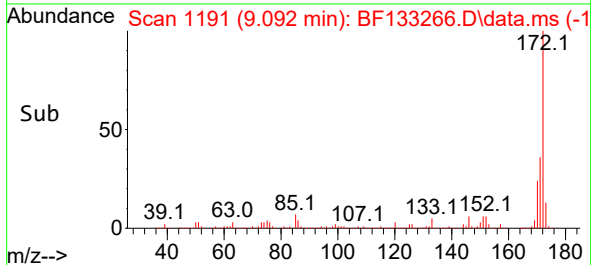
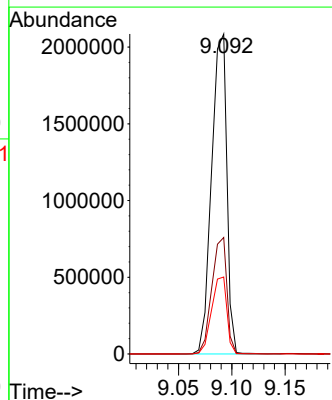
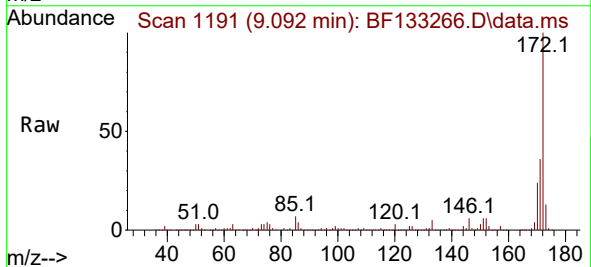
Instrument :
BNA_F
ClientSampleId :
PB152595BL

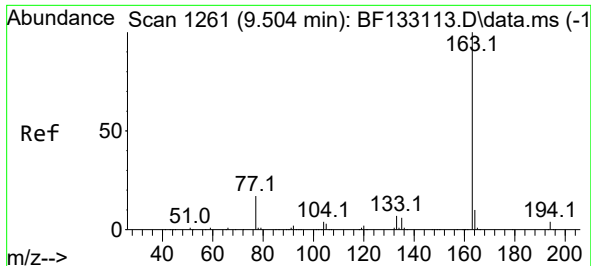
Tgt Ion:330 Resp: 526148
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 30.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 70.900 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

Tgt Ion:172 Resp: 2074824
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.1 19.4 29.2

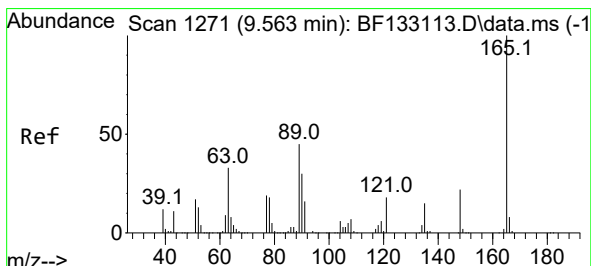
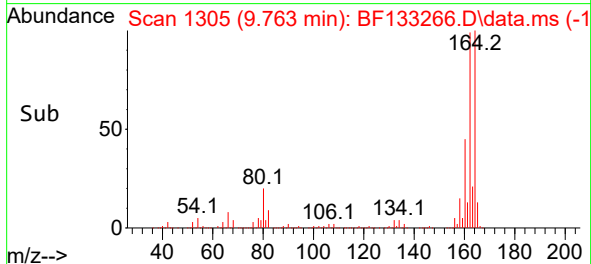
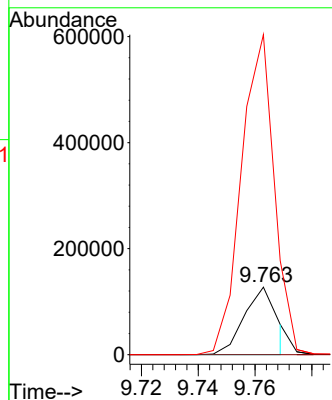
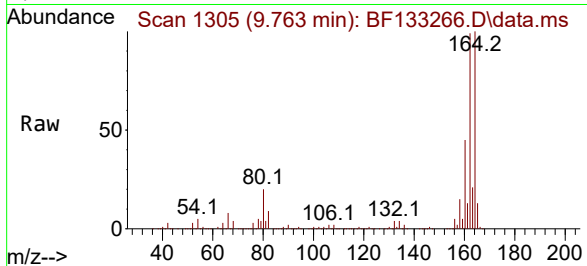




#50
Dimethylphthalate
Concen: 2.980 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.271 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

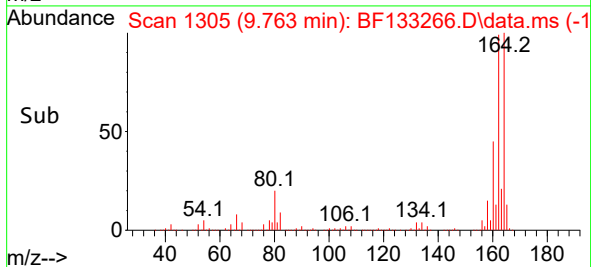
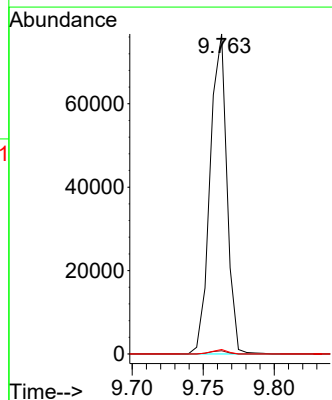
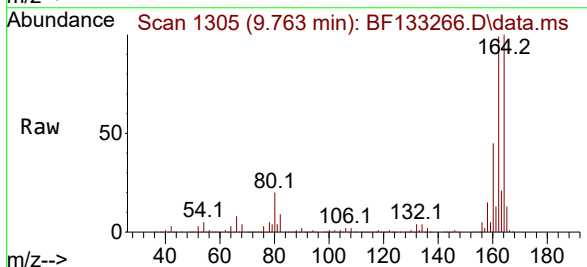
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ClientSampleId :
PB152595BL

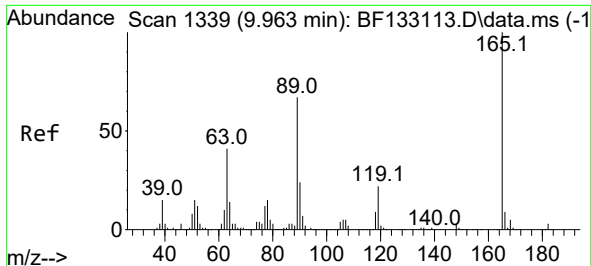
Tgt Ion:163 Resp: 101729
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 473.7 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.210 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.212 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

Tgt Ion:165 Resp: 63081
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.4 44.0 66.0#

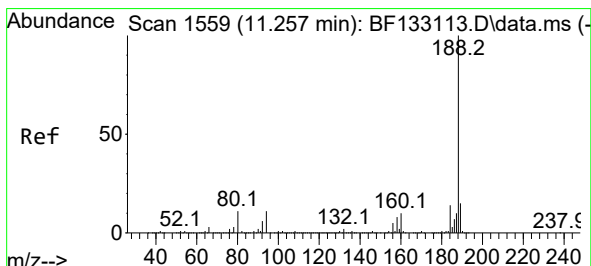
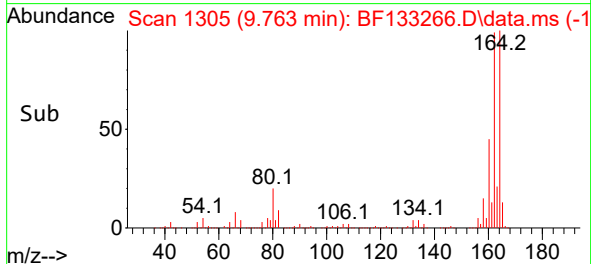
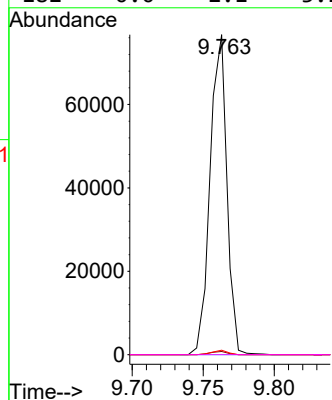
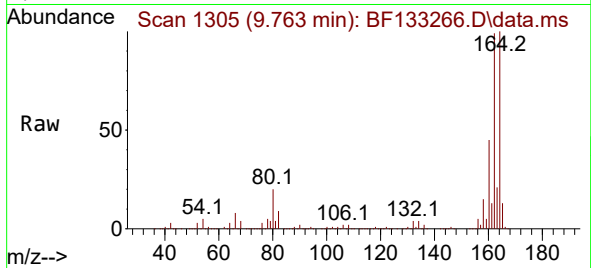




#57
2,4-Dinitrotoluene
Concen: 6.438 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

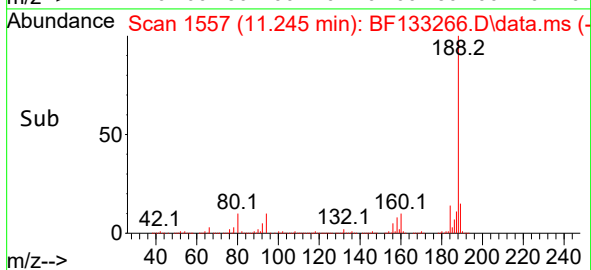
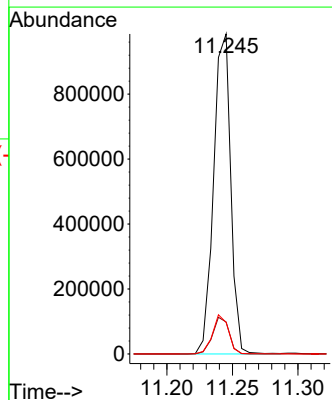
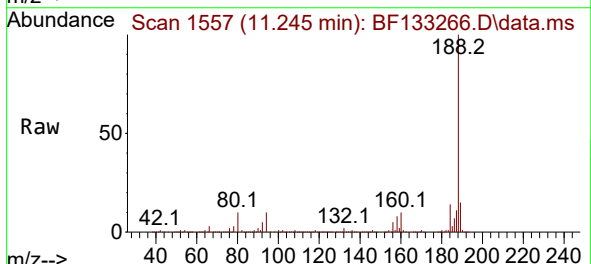
Instrument :
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PB152595BL

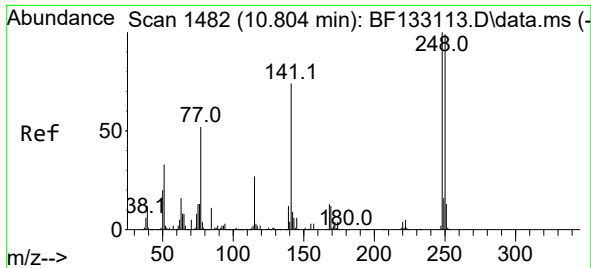
Tgt Ion:165 Resp: 63081
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 1.4 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

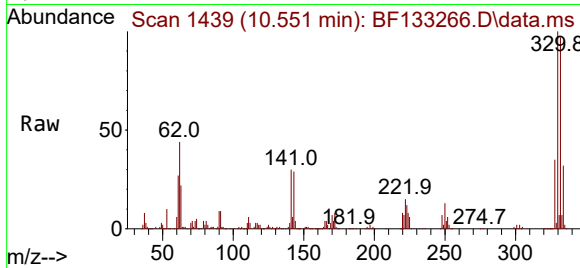
Tgt Ion:188 Resp: 894546
Ion Ratio Lower Upper
188 100
94 10.0 9.7 14.5
80 9.8 10.4 15.6#



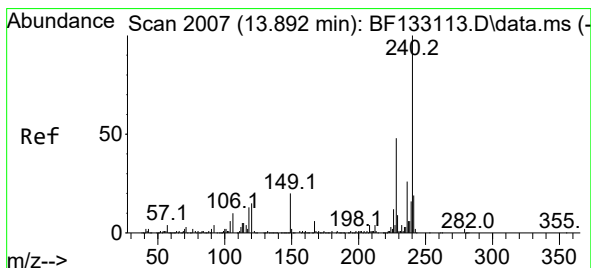
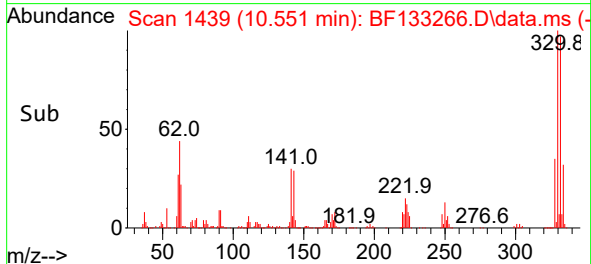
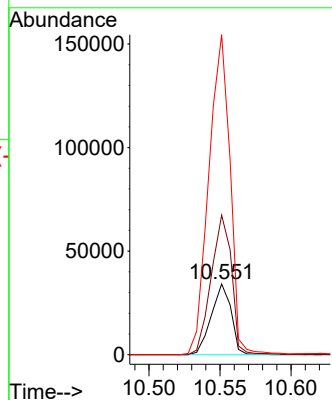


#67
4-Bromophenyl-phenylether
Concen: 3.417 ng
RT: 10.551 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

Instrument :
BNA_F
ClientSampleId :
PB152595BL

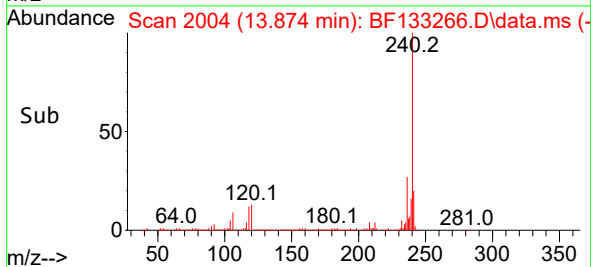
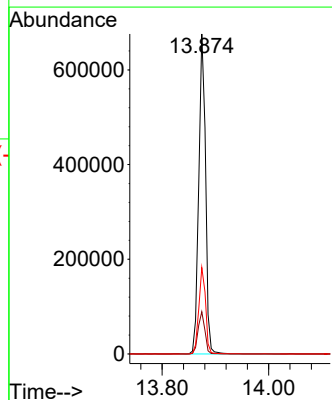
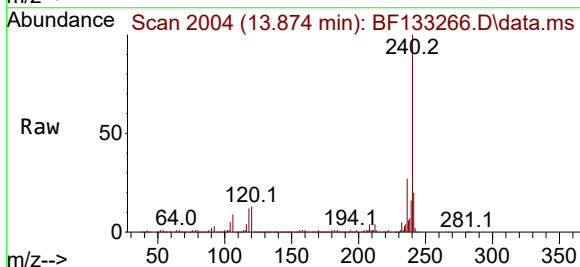


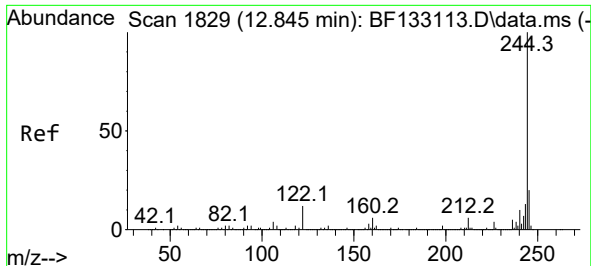
Tgt Ion:248 Resp: 33152
Ion Ratio Lower Upper
248 100
250 197.1 78.7 118.1#
141 452.4 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133266.D
Acq: 05 May 2023 16:07

Tgt Ion:240 Resp: 601921
Ion Ratio Lower Upper
240 100
120 13.2 10.5 15.7
236 27.0 21.5 32.3

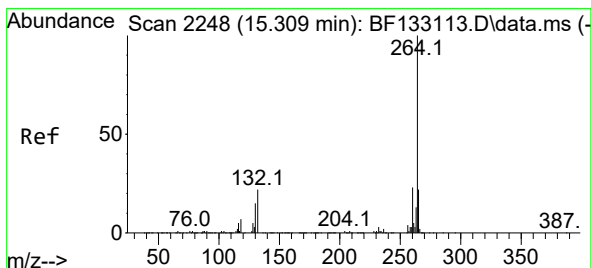
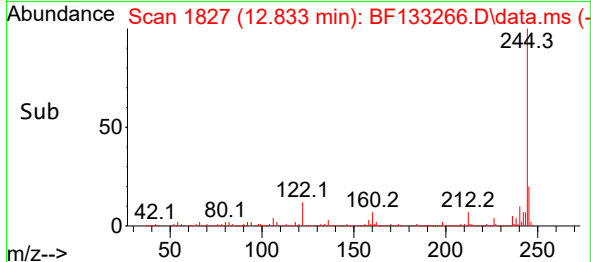
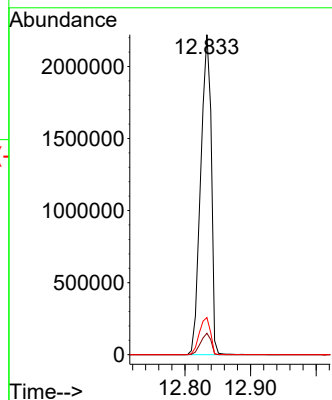
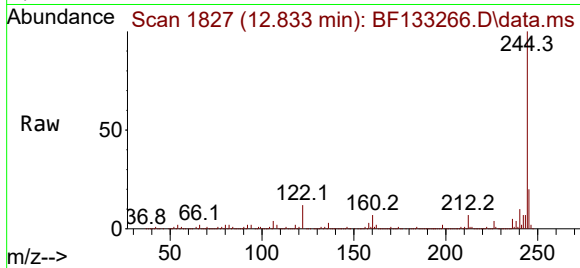




#79
 Terphenyl-d14
 Concen: 71.211 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: BF133266.D
 Acq: 05 May 2023 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB152595BL

Tgt Ion:244 Resp: 2485324
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF133266.D
 Acq: 05 May 2023 16:07

Tgt Ion:264 Resp: 505999
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 20.9 17.0 25.4

