

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133148.D
 Acq On : 01 May 2023 11:12
 Operator : CG\JU
 Sample : PB152469BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152469BL

Quant Time: May 02 05:16:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

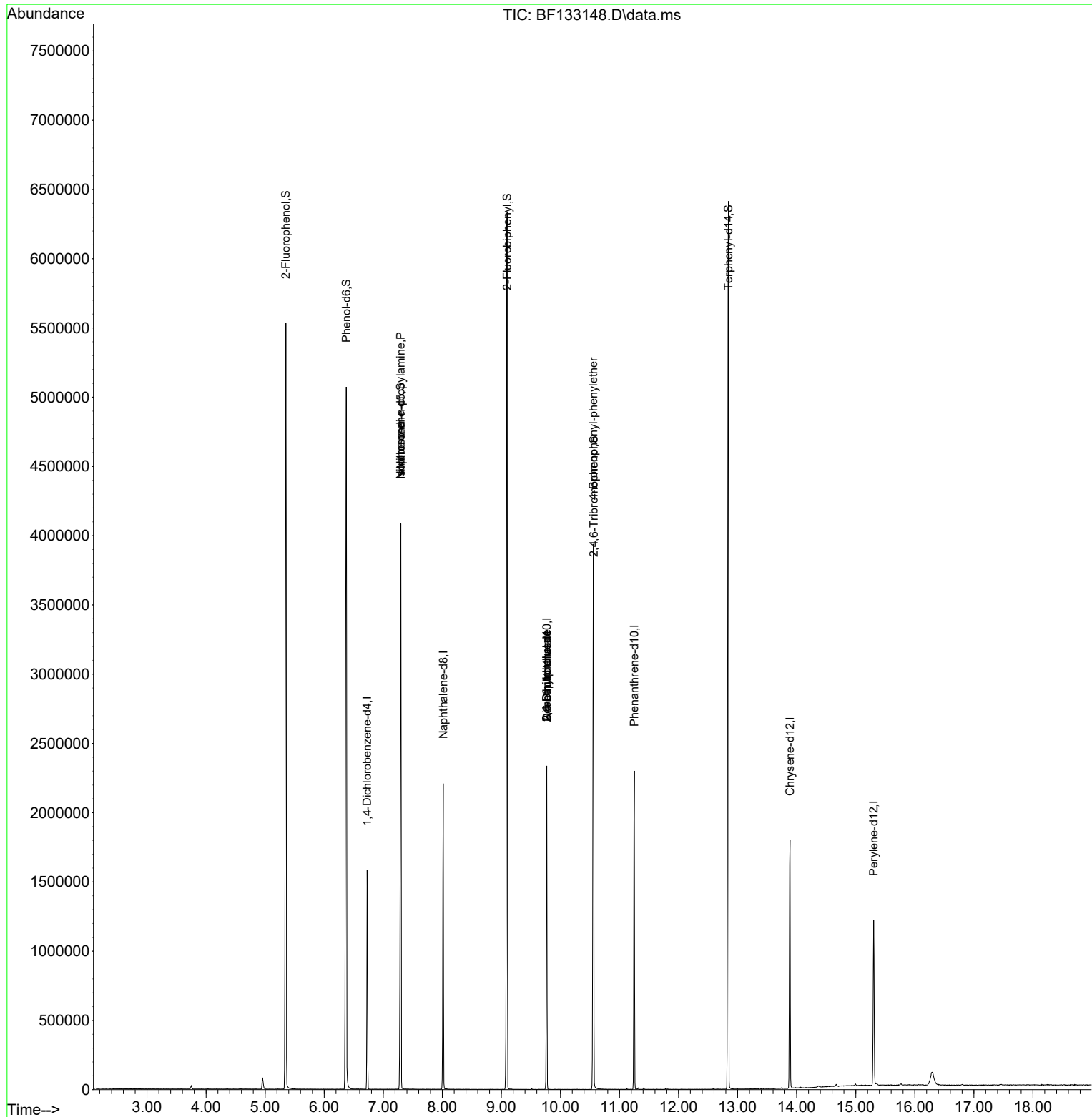
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	213619	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	863315	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	441533	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	824277	20.000	ng	0.00
76) Chrysene-d12	13.886	240	579506	20.000	ng	0.00
86) Perylene-d12	15.304	264	501954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1877425	132.762	ng	0.01
7) Phenol-d6	6.375	99	2325348	132.482	ng	0.00
23) Nitrobenzene-d5	7.298	82	1418456	88.686	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	614691	138.430	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2307522	87.434	ng	0.00
79) Terphenyl-d14	12.845	244	2708561	80.609	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.375	77	3272	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.298	70	188260	17.229	ng	# 77
25) Isophorone	7.298	82	1412467	46.513	ng	# 63
50) Dimethylphthalate	9.769	163	92857	3.016	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	58405	8.429	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	58405	6.609	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	38198	4.273	ng	# 1

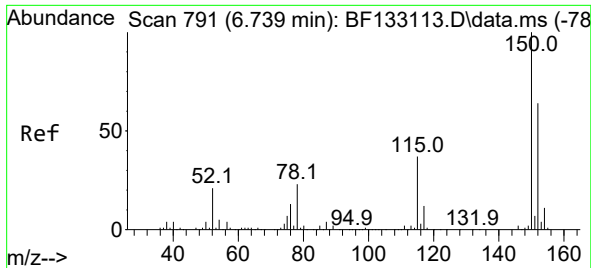
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
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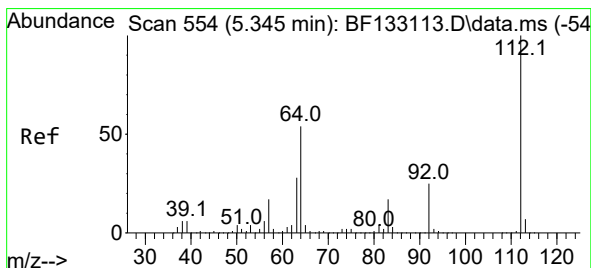
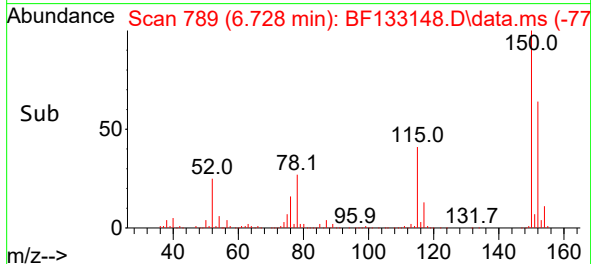
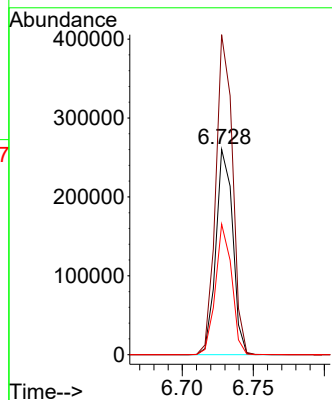
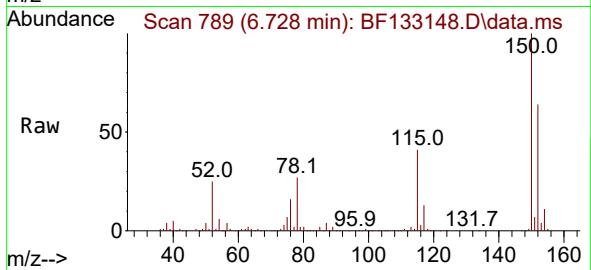




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

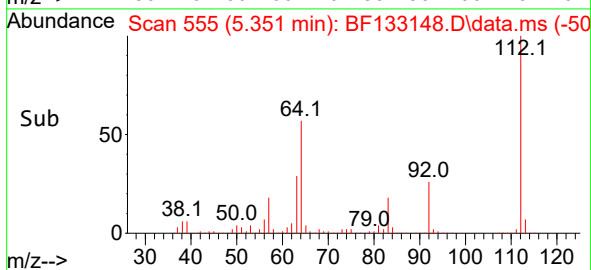
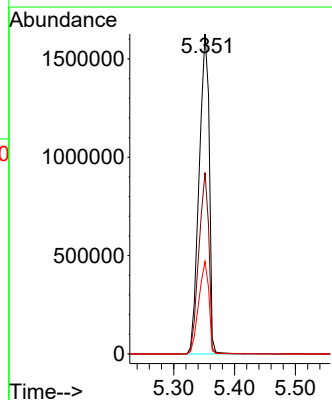
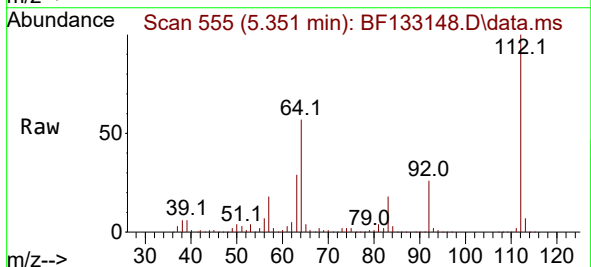
Instrument :
BNA_F
ClientSampleId :
PB152469BL

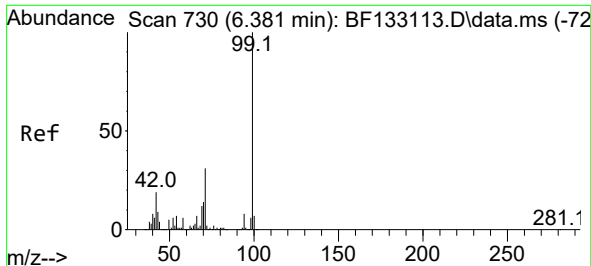
Tgt Ion:152 Resp: 213619
Ion Ratio Lower Upper
152 100
150 155.9 124.8 187.2
115 63.6 49.9 74.9



#5
2-Fluorophenol
Concen: 132.762 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.012 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

Tgt Ion:112 Resp: 1877425
Ion Ratio Lower Upper
112 100
64 56.7 46.8 70.2
63 28.9 23.8 35.8

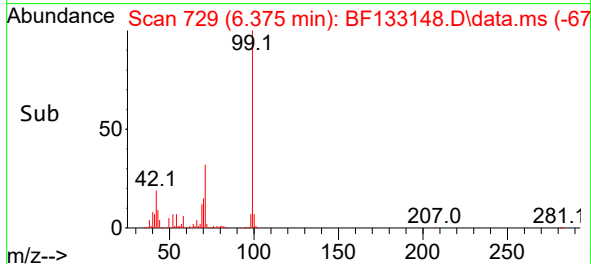
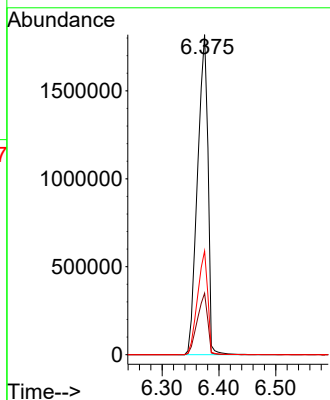
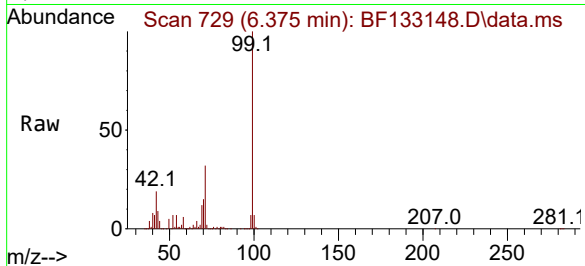




#7
Phenol-d6
Concen: 132.482 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

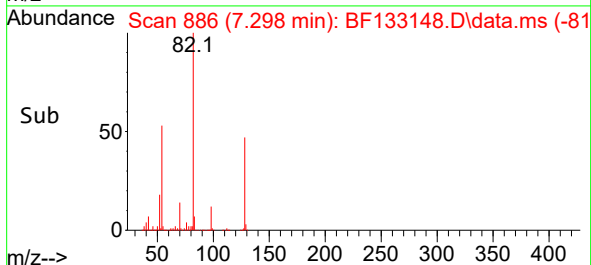
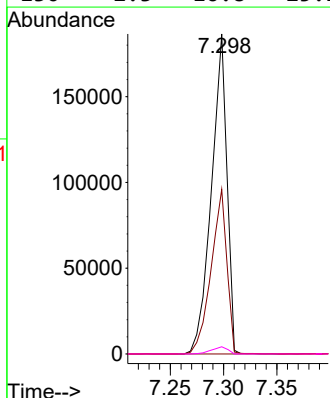
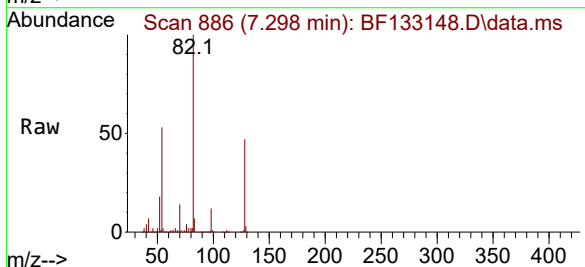
Instrument :
BNA_F
ClientSampleId :
PB152469BL

Tgt Ion: 99 Resp: 2325348
Ion Ratio Lower Upper
99 100
42 19.2 16.3 24.5
71 32.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.229 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

Tgt Ion: 70 Resp: 188260
Ion Ratio Lower Upper
70 100
42 51.5 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#



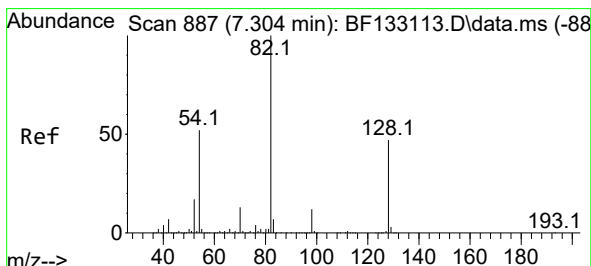
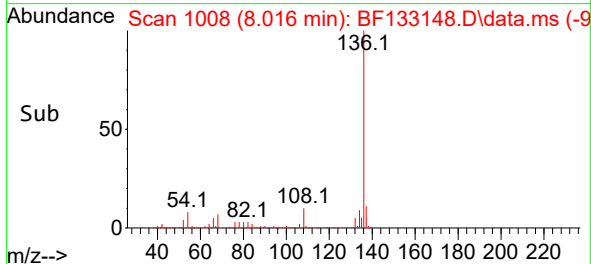
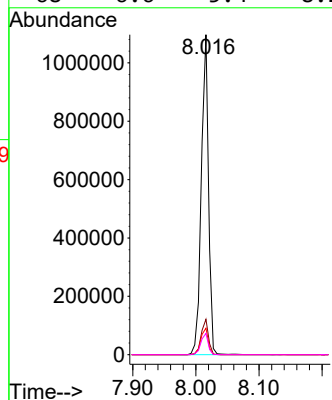
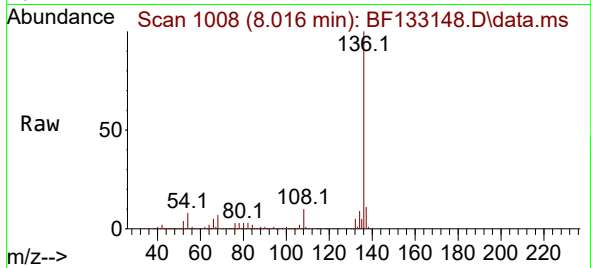


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

Instrument :
BNA_F
ClientSampleId :
PB152469BL

Tgt Ion:136 Resp: 863315

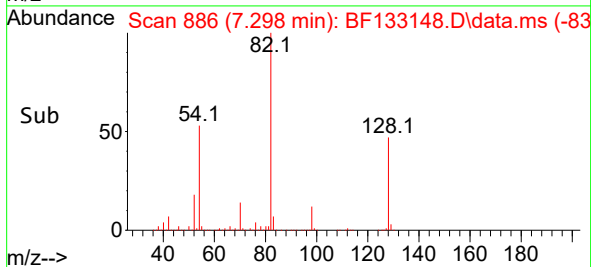
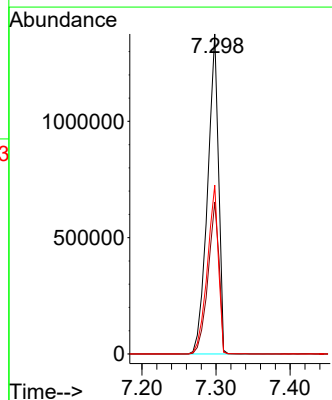
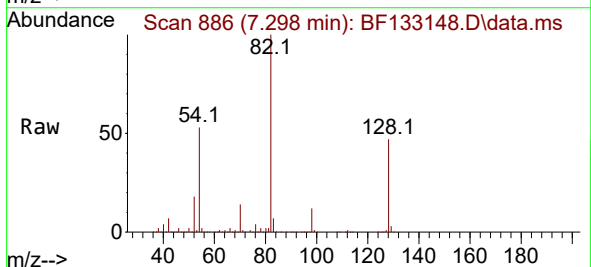
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.3	7.0	10.4
68	6.6	5.4	8.2



#23
Nitrobenzene-d5
Concen: 88.686 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

Tgt Ion: 82 Resp: 1418456

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.7	56.5
54	52.8	43.0	64.4

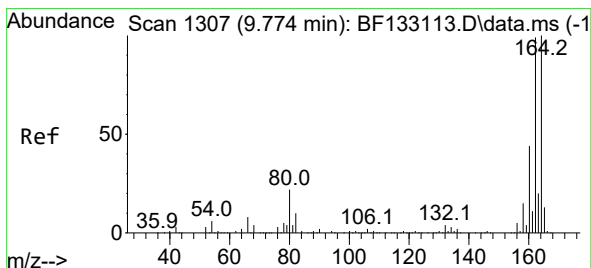
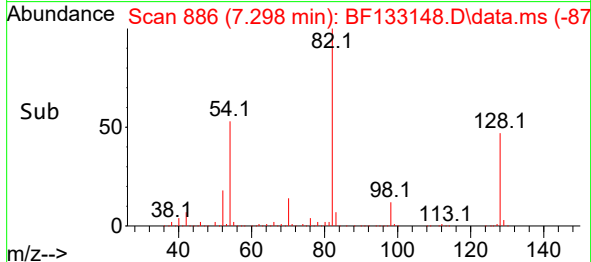
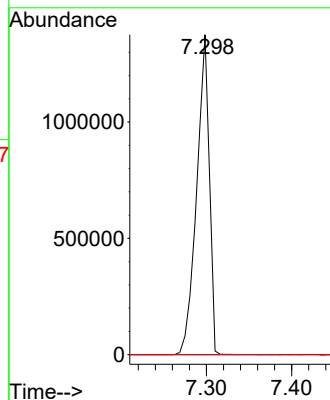
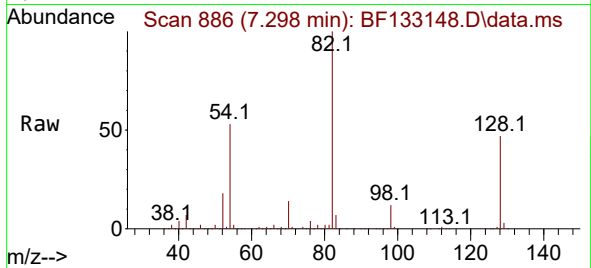




#25
Isophorone
Concen: 46.513 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

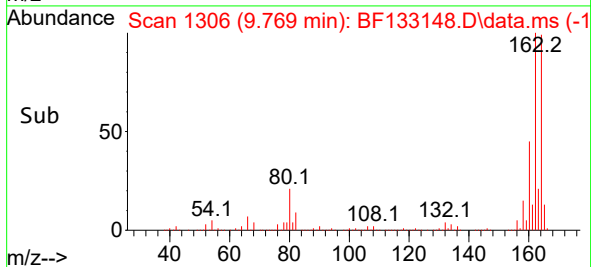
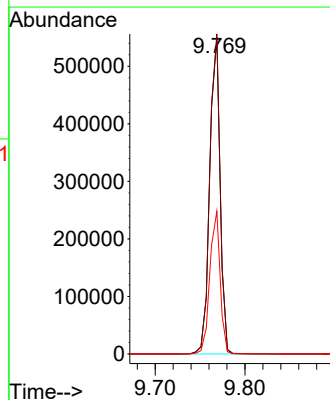
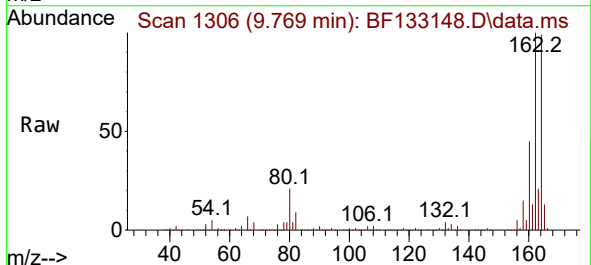
Instrument :
BNA_F
ClientSampleId :
PB152469BL

Tgt Ion: 82 Resp: 1412467
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: 9.769 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

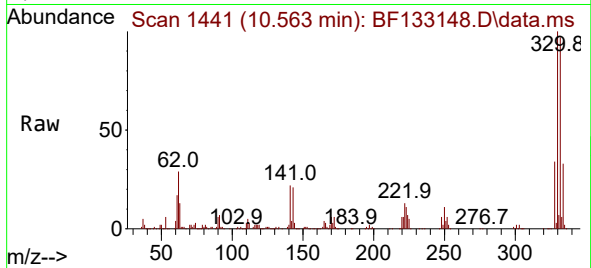
Tgt Ion:164 Resp: 441533
Ion Ratio Lower Upper
164 100
162 101.1 78.7 118.1
160 45.1 35.8 53.6



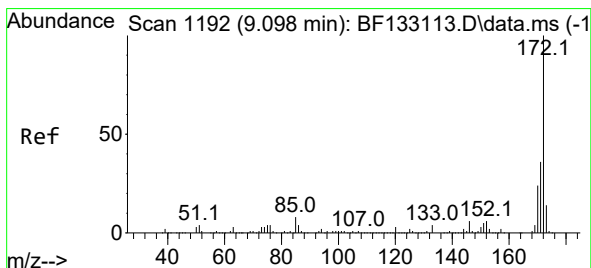
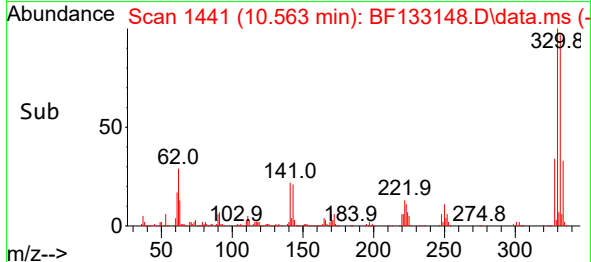
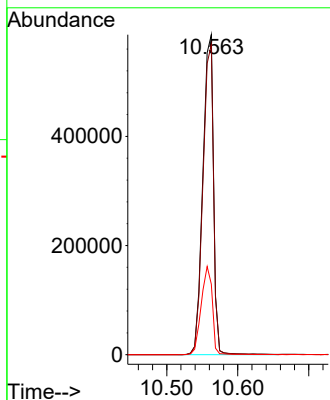


#42
2,4,6-Tribromophenol
Concen: 138.430 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

Instrument :
BNA_F
ClientSampleId :
PB152469BL

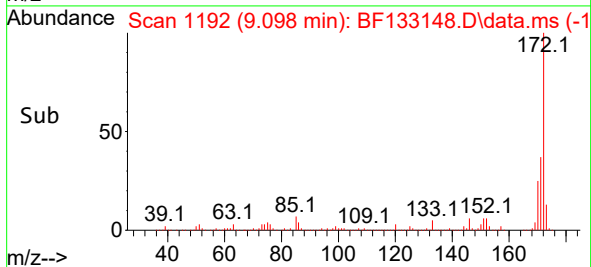
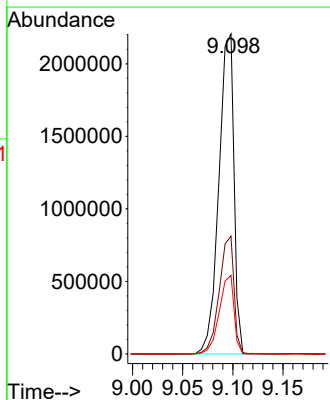
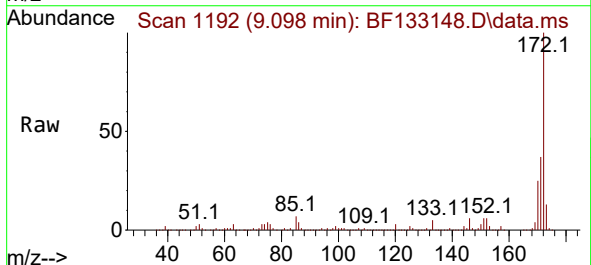


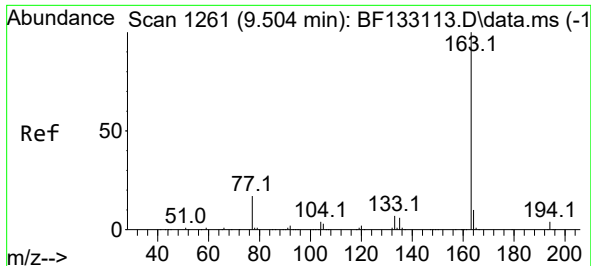
Tgt Ion:330 Resp: 614691
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 28.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 87.434 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

Tgt Ion:172 Resp: 2307522
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.6 19.4 29.2

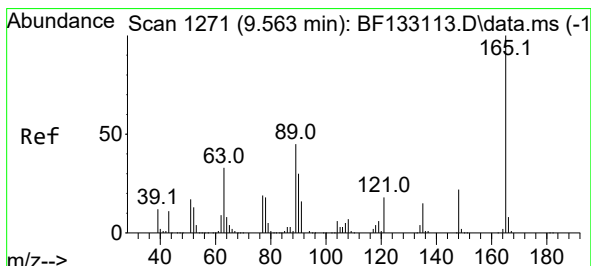
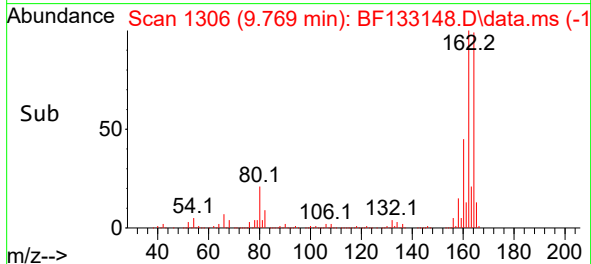
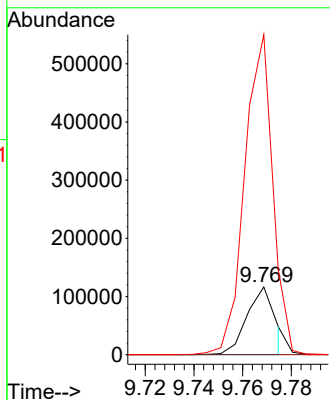
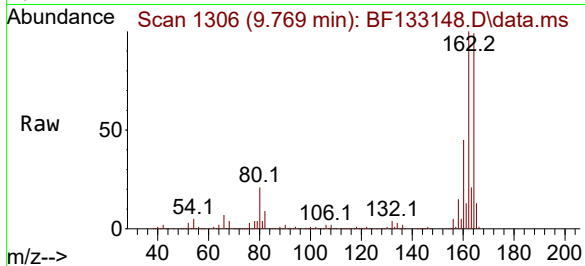




#50
Dimethylphthalate
Concen: 3.016 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.271 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

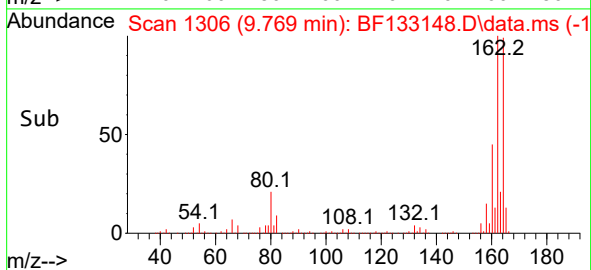
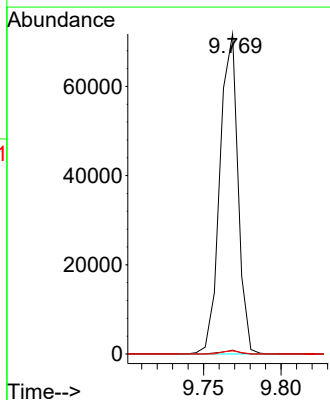
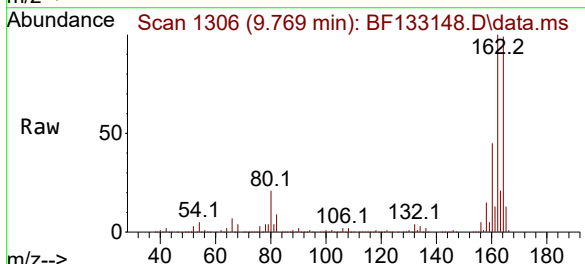
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BNA_F
ClientSampleId :
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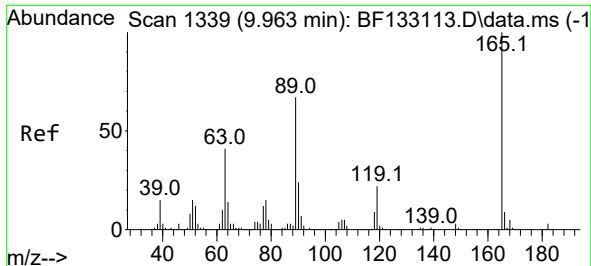
Tgt Ion:163 Resp: 92857
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 472.5 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.429 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.212 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

Tgt Ion:165 Resp: 58405
Ion Ratio Lower Upper
165 100
63 1.2 45.9 68.9#
89 1.0 44.0 66.0#

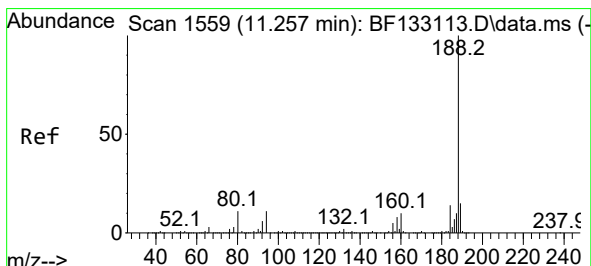
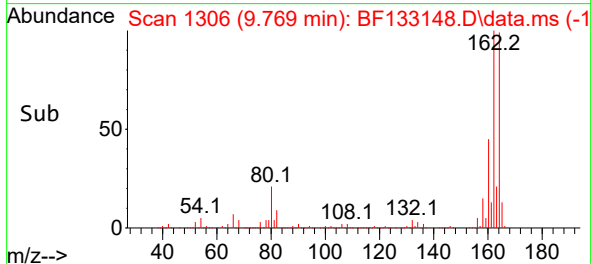
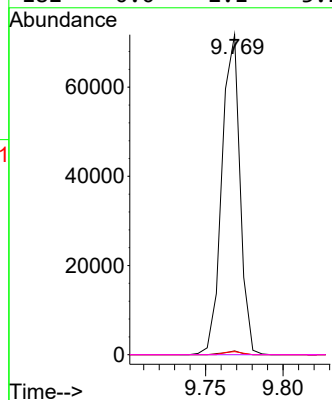
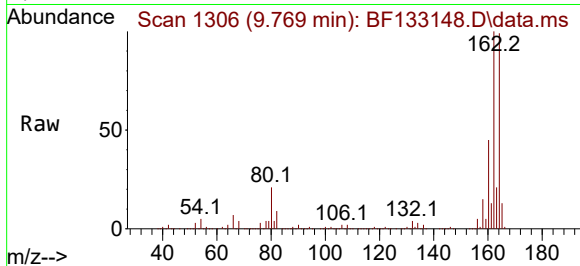




#57
2,4-Dinitrotoluene
Concen: 6.609 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

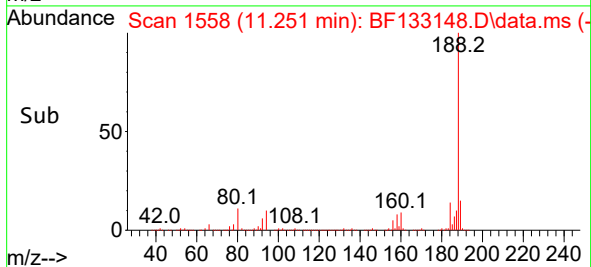
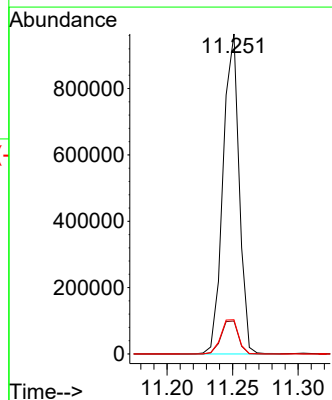
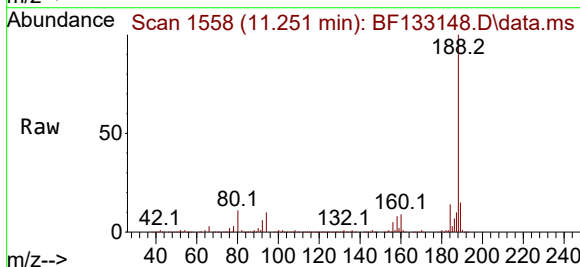
Instrument :
BNA_F
ClientSampleId :
PB152469BL

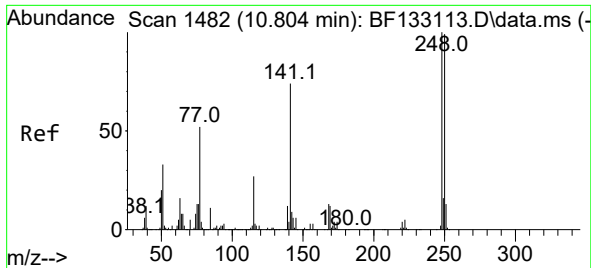
Tgt Ion:165 Resp: 58405
Ion Ratio Lower Upper
165 100
63 1.2 37.7 56.5#
89 1.0 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

Tgt Ion:188 Resp: 824277
Ion Ratio Lower Upper
188 100
94 10.3 9.7 14.5
80 10.7 10.4 15.6

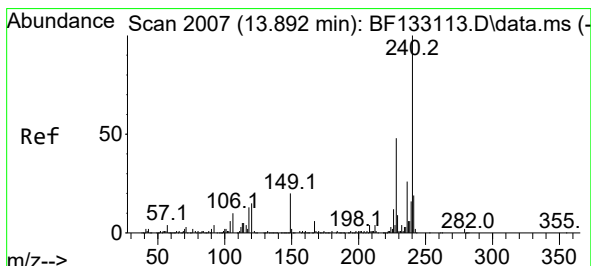
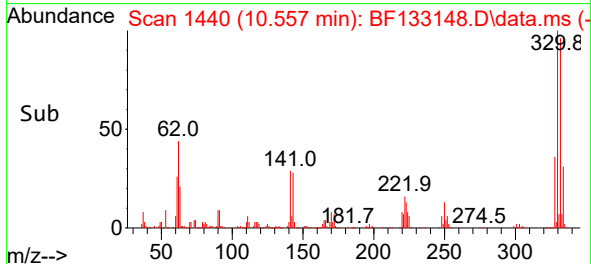
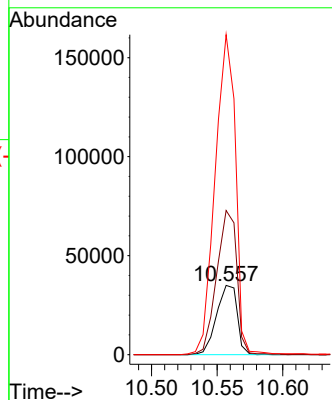
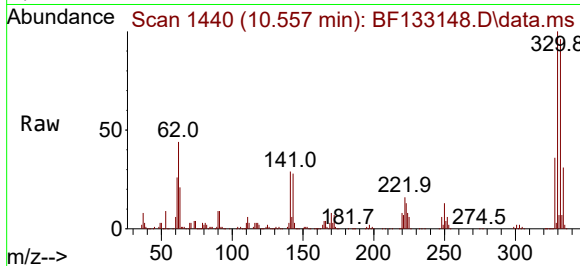




#67
4-Bromophenyl-phenylether
Concen: 4.273 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

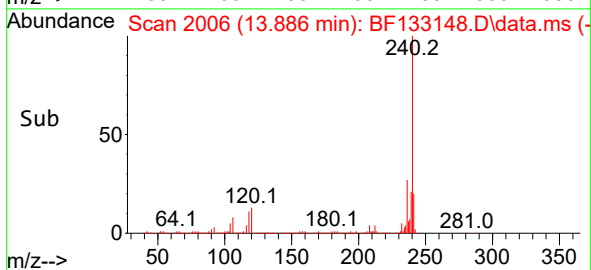
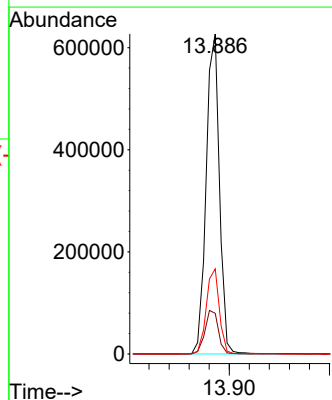
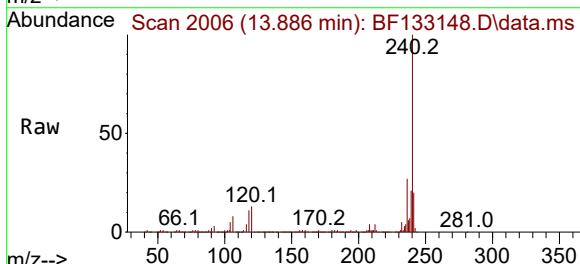
Instrument :
BNA_F
ClientSampleId :
PB152469BL

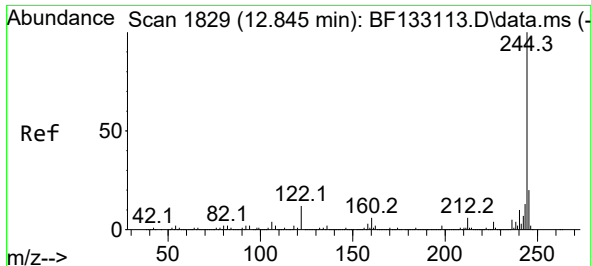
Tgt Ion:248 Resp: 38198
Ion Ratio Lower Upper
248 100
250 208.2 78.7 118.1#
141 462.1 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF133148.D
Acq: 01 May 2023 11:12

Tgt Ion:240 Resp: 579506
Ion Ratio Lower Upper
240 100
120 12.7 10.5 15.7
236 26.6 21.5 32.3

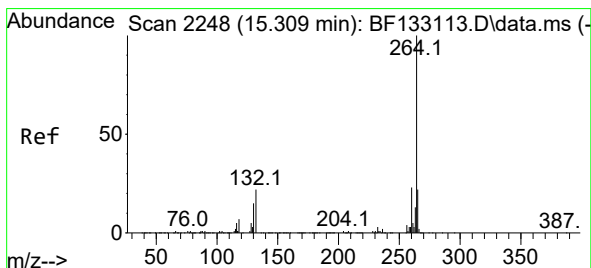
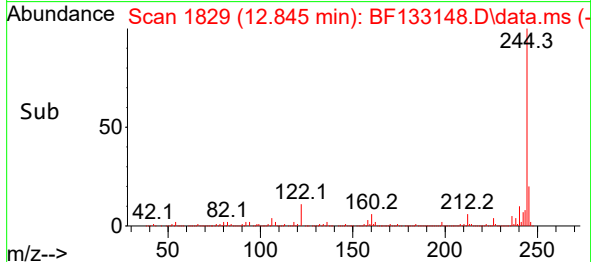
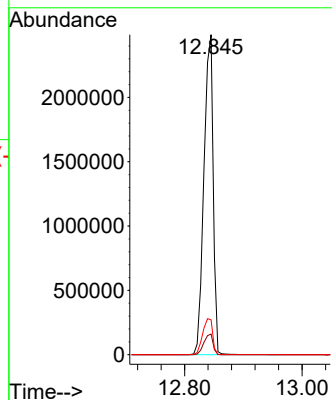
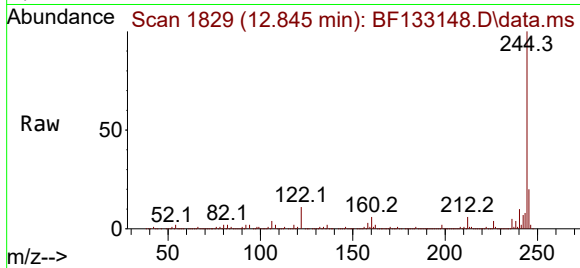




#79
 Terphenyl-d14
 Concen: 80.609 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. 0.006 min
 Lab File: BF133148.D
 Acq: 01 May 2023 11:12

Instrument :
 BNA_F
 ClientSampleId :
 PB152469BL

Tgt Ion:244 Resp: 2708561
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.9 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF133148.D
 Acq: 01 May 2023 11:12

Tgt Ion:264 Resp: 501954
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.6 17.0 25.4

