

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133312.D
 Acq On : 09 May 2023 12:21
 Operator : CG\JU
 Sample : PB152561TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152561TB

Quant Time: May 10 01:45:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

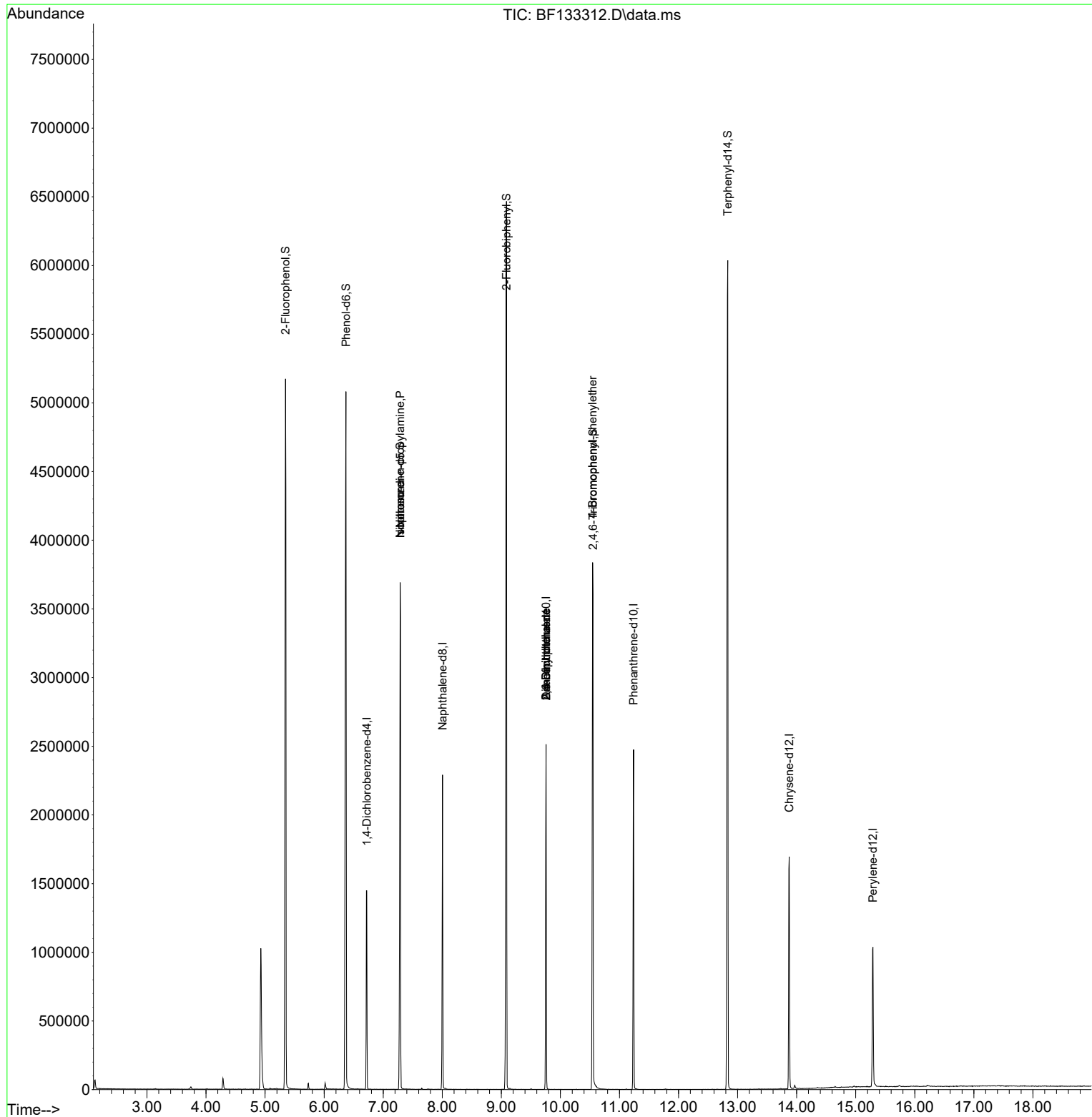
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	216808	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	879825	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	470764	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	858782	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	578583	20.000	ng	0.00
86) Perylene-d12	15.292	264	451369	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1795732	125.118	ng	0.02
7) Phenol-d6	6.369	99	2168779	121.744	ng	0.00
23) Nitrobenzene-d5	7.287	82	1368675	83.968	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	564997	119.338	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2223929	79.034	ng	0.00
79) Terphenyl-d14	12.833	244	2619080	78.071	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.269	77	261	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.287	70	181118	16.331	ng	# 77
25) Isophorone	7.287	82	1363636	44.062	ng	# 63
50) Dimethylphthalate	9.757	163	96189	2.930	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	59403	8.040	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	59403	6.305	ng	# 23
67) 4-Bromophenyl-phenylether	10.545	248	35850	3.849	ng	# 1

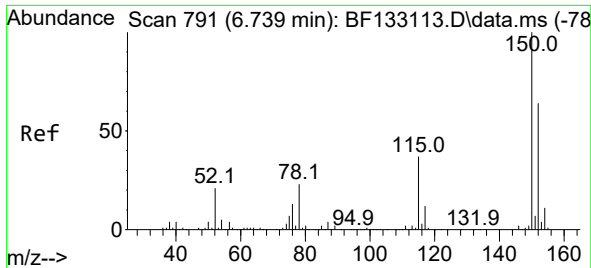
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 10 01:45:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 04:59:36 2023
Response via : Initial Calibration

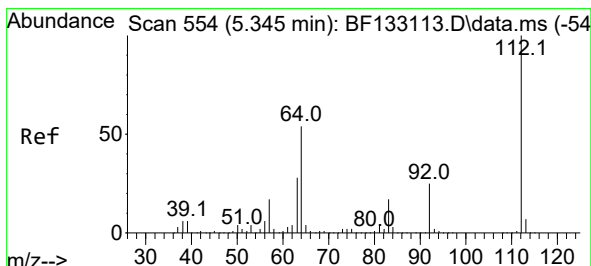
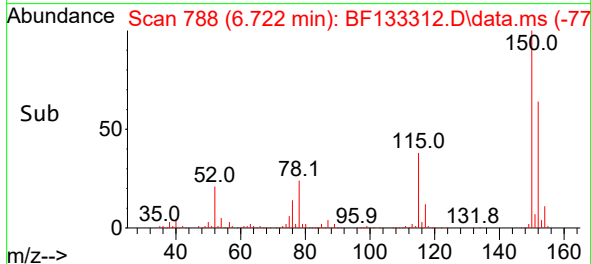
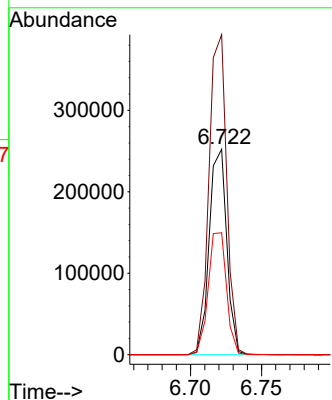
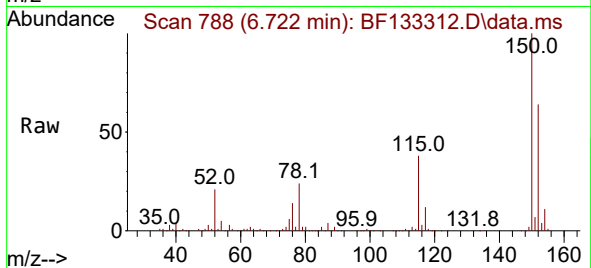




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133312.D
 Acq: 09 May 2023 12:21

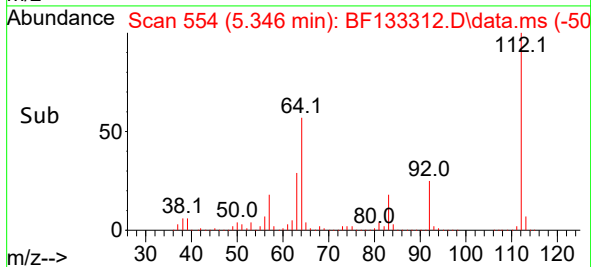
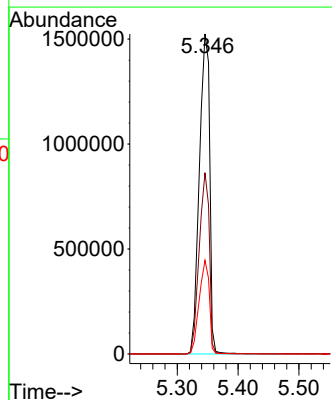
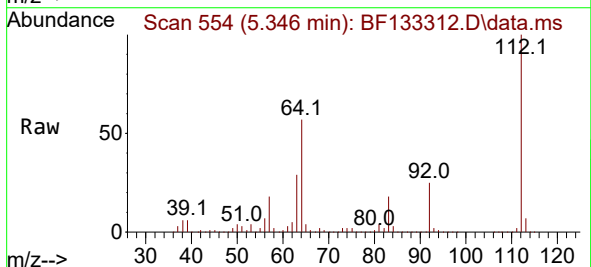
Instrument :
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 ClientSampleId :
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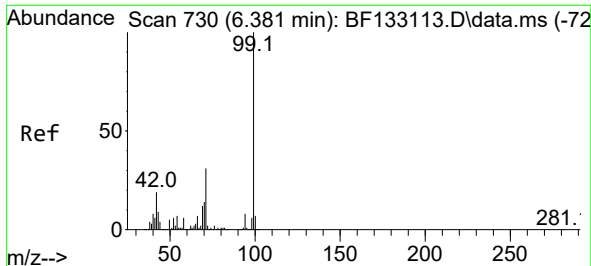
Tgt Ion:152 Resp: 216808
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.8 187.2
 115 59.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 125.118 ng
 RT: 5.346 min Scan# 554
 Delta R.T. 0.018 min
 Lab File: BF133312.D
 Acq: 09 May 2023 12:21

Tgt Ion:112 Resp: 1795732
 Ion Ratio Lower Upper
 112 100
 64 56.7 46.8 70.2
 63 29.3 23.8 35.8

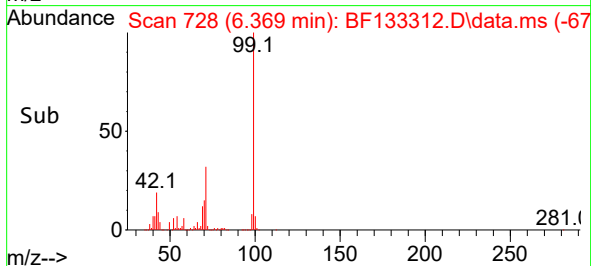
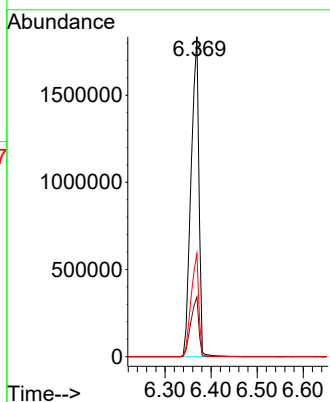
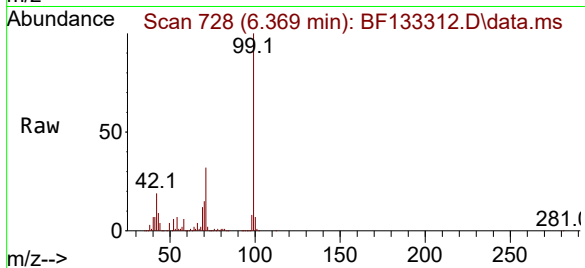




#7
Phenol-d6
Concen: 121.744 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133312.D
Acq: 09 May 2023 12:21

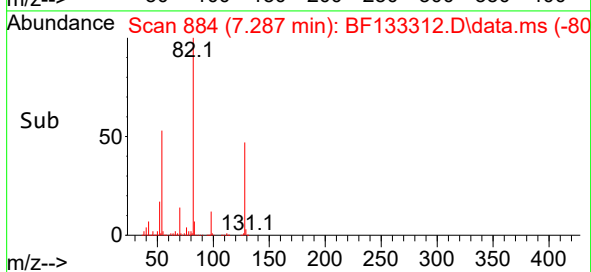
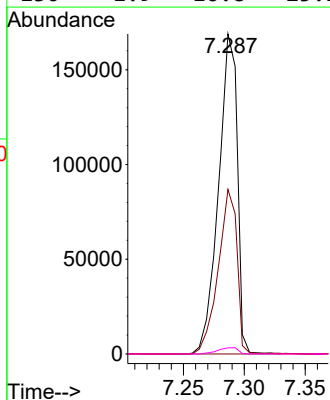
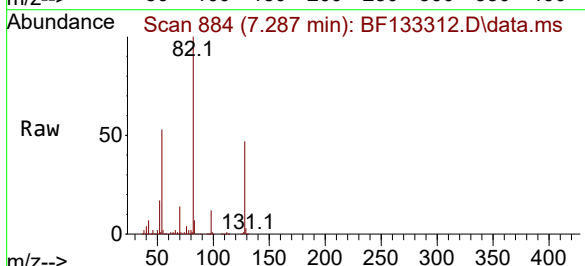
Instrument :
BNA_F
ClientSampleId :
PB152561TB

Tgt Ion: 99 Resp: 2168779
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 32.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.331 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133312.D
Acq: 09 May 2023 12:21

Tgt Ion: 70 Resp: 181118
Ion Ratio Lower Upper
70 100
42 51.4 51.8 77.6#
101 0.0 8.0 12.0#
130 1.9 16.8 25.2#

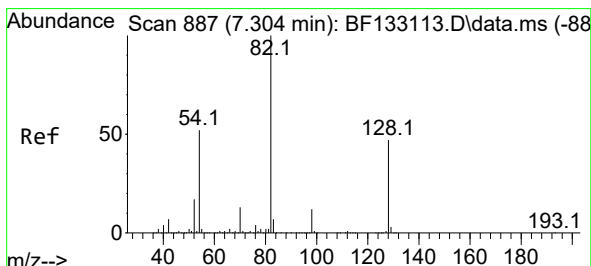
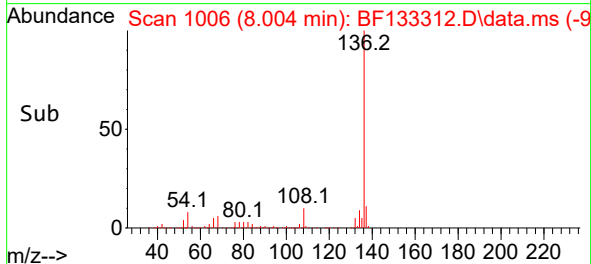
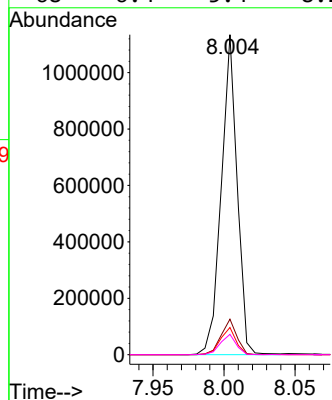
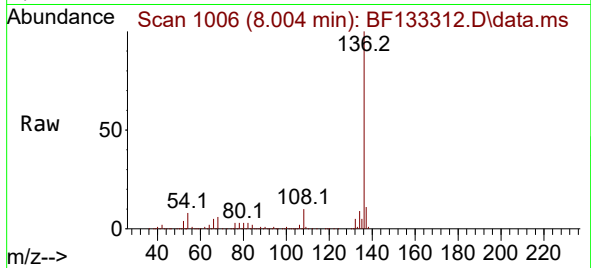




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133312.D
Acq: 09 May 2023 12:21

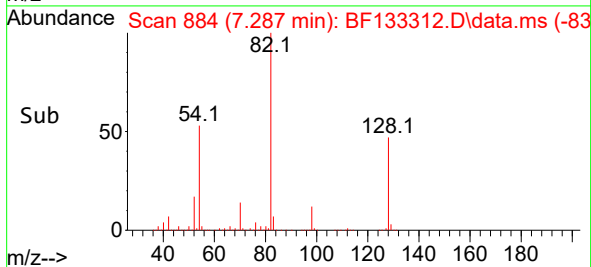
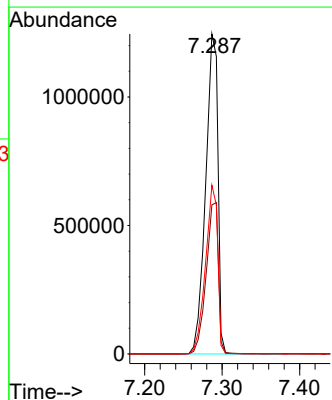
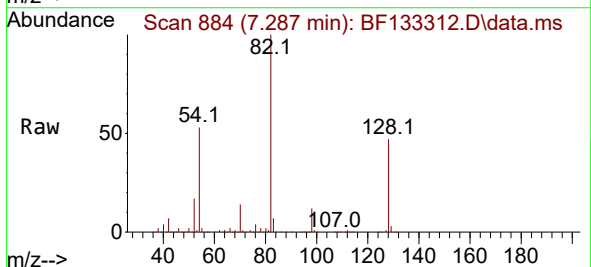
Instrument :
BNA_F
ClientSampleId :
PB152561TB

Tgt Ion:136 Resp: 879825
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.5 7.0 10.4
68 6.4 5.4 8.2



#23
Nitrobenzene-d5
Concen: 83.968 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133312.D
Acq: 09 May 2023 12:21

Tgt Ion: 82 Resp: 1368675
Ion Ratio Lower Upper
82 100
128 46.6 37.7 56.5
54 52.7 43.0 64.4

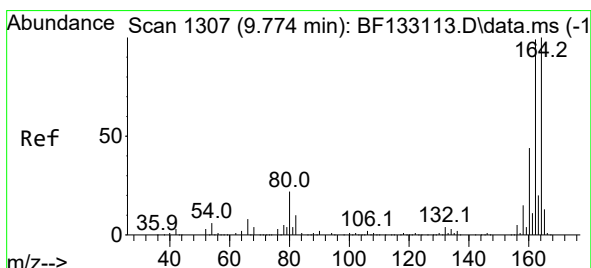
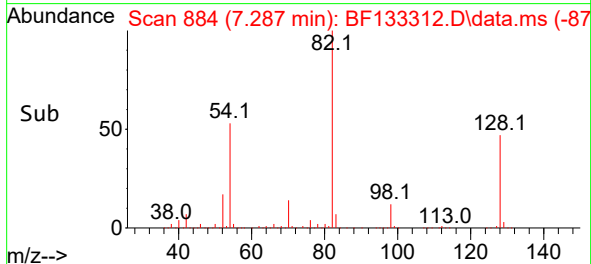
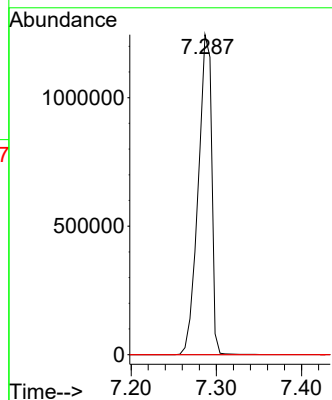
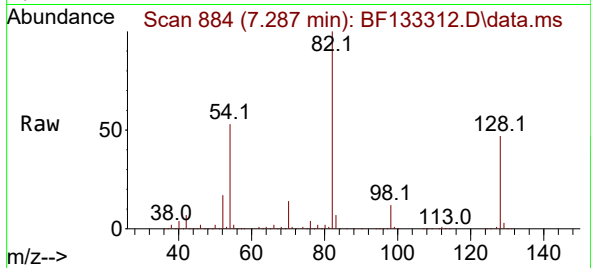




#25
Isophorone
Concen: 44.062 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF133312.D
Acq: 09 May 2023 12:21

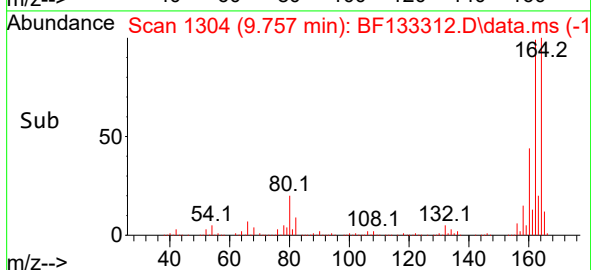
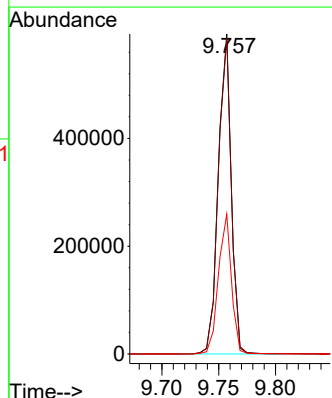
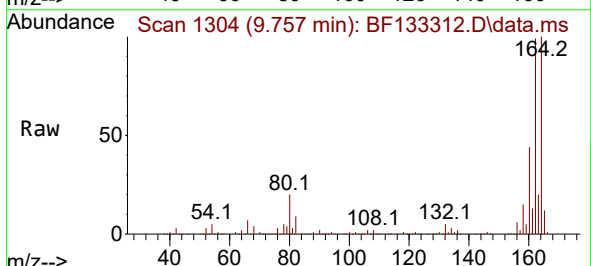
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BNA_F
ClientSampleId :
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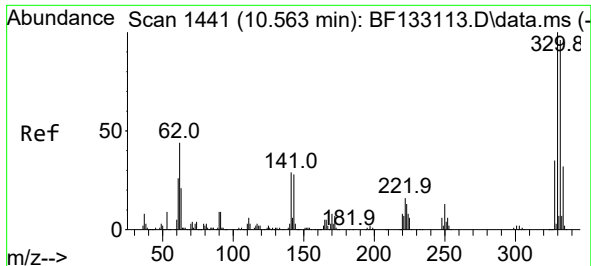
Tgt Ion: 82 Resp: 1363636
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133312.D
Acq: 09 May 2023 12:21

Tgt Ion:164 Resp: 470764
Ion Ratio Lower Upper
164 100
162 98.8 78.7 118.1
160 43.7 35.8 53.6

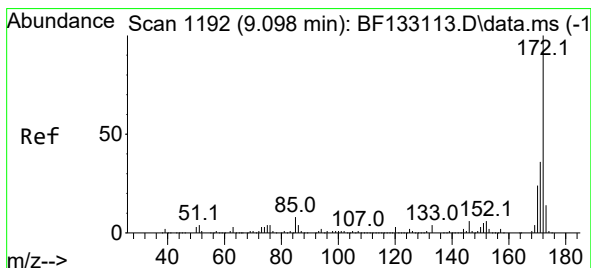
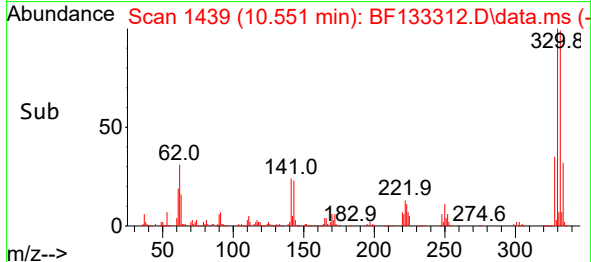
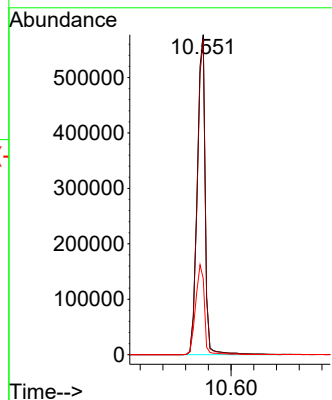
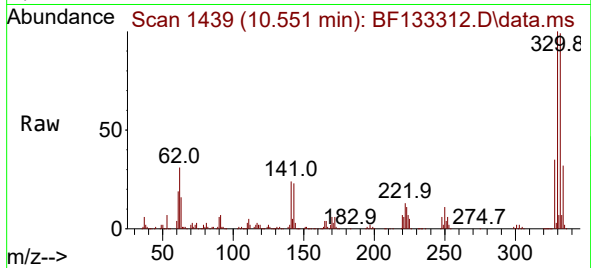




#42
2,4,6-Tribromophenol
Concen: 119.338 ng
RT: 10.551 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133312.D
Acq: 09 May 2023 12:21

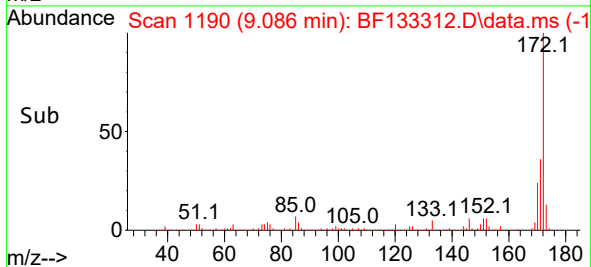
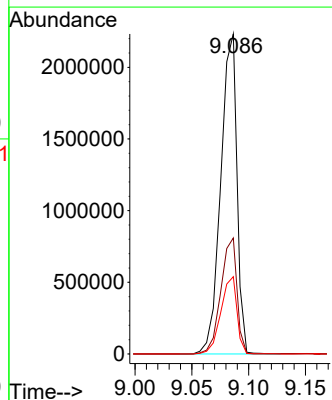
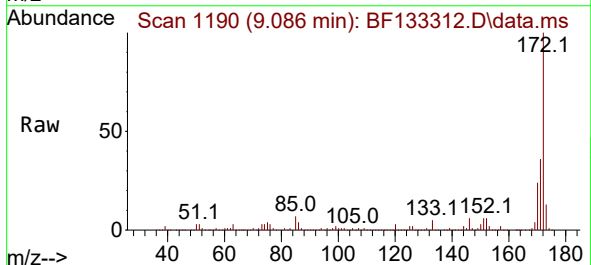
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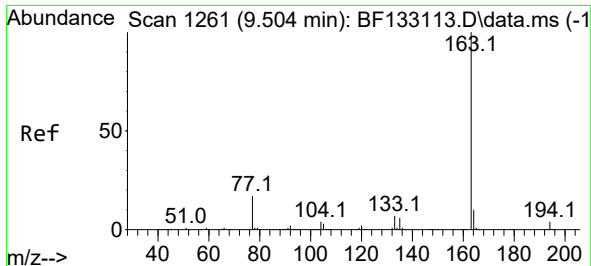
Tgt Ion:330 Resp: 564997
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 31.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 79.034 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF133312.D
Acq: 09 May 2023 12:21

Tgt Ion:172 Resp: 2223929
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.2 19.4 29.2

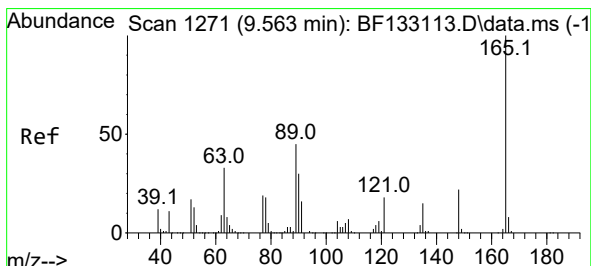
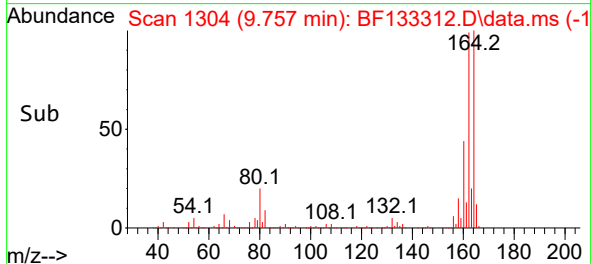
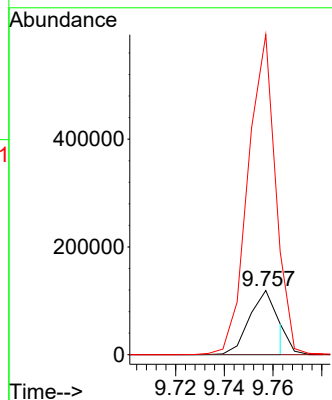
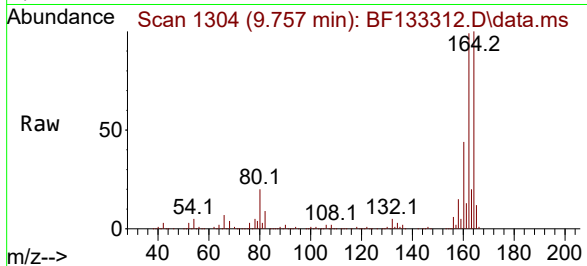




#50
Dimethylphthalate
Concen: 2.930 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF133312.D
Acq: 09 May 2023 12:21

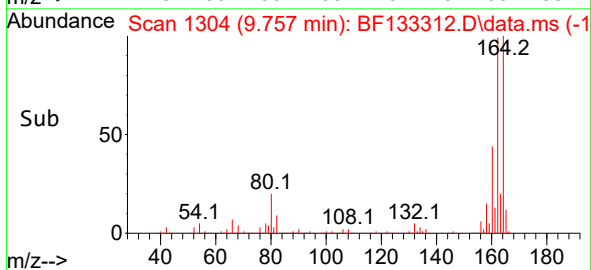
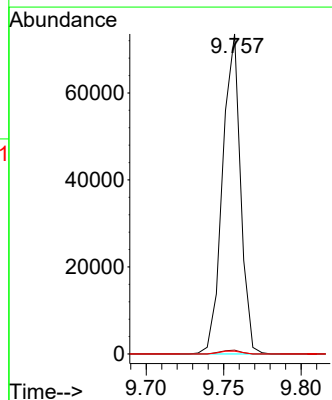
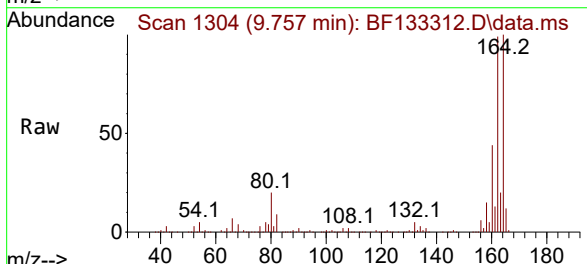
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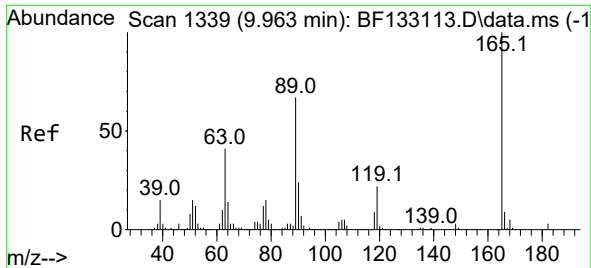
Tgt Ion:163 Resp: 96189
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 498.1 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.040 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133312.D
Acq: 09 May 2023 12:21

Tgt Ion:165 Resp: 59403
Ion Ratio Lower Upper
165 100
63 1.2 45.9 68.9#
89 0.9 44.0 66.0#

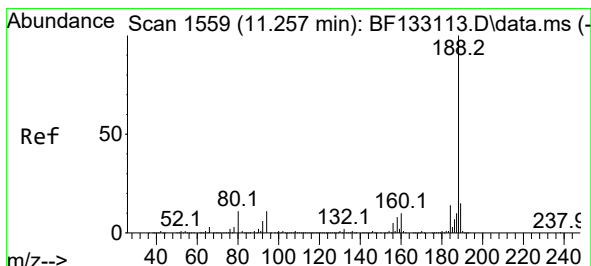
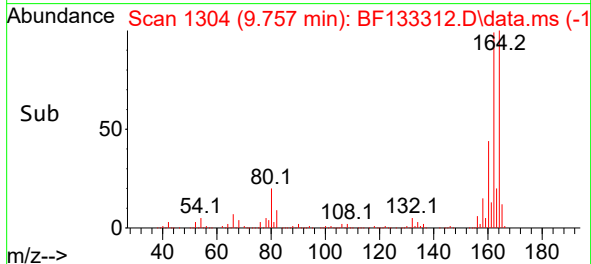
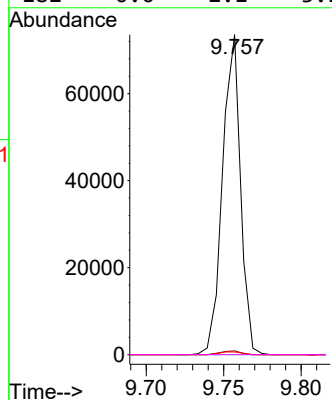
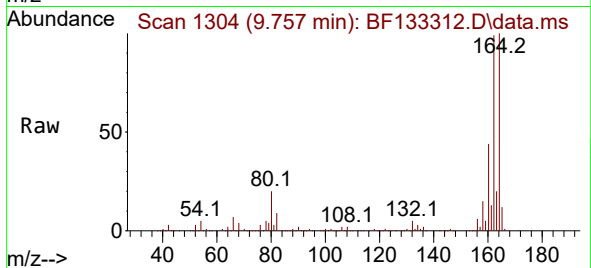




#57
2,4-Dinitrotoluene
Concen: 6.305 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133312.D
Acq: 09 May 2023 12:21

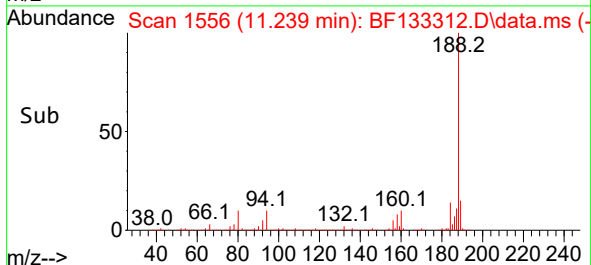
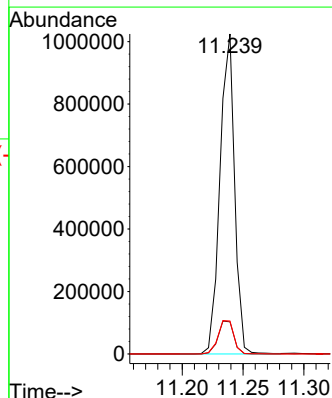
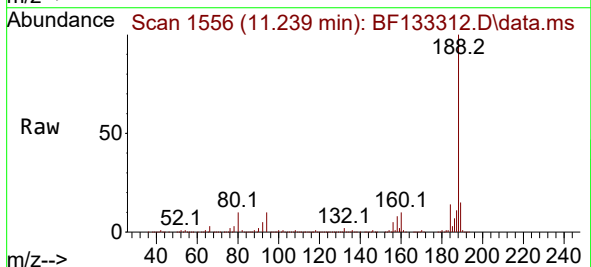
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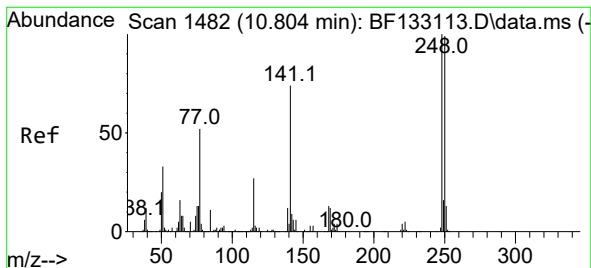
Tgt Ion:165 Resp: 59403
Ion Ratio Lower Upper
165 100
63 1.2 37.7 56.5#
89 0.9 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133312.D
Acq: 09 May 2023 12:21

Tgt Ion:188 Resp: 858782
Ion Ratio Lower Upper
188 100
94 10.1 9.7 14.5
80 10.3 10.4 15.6#

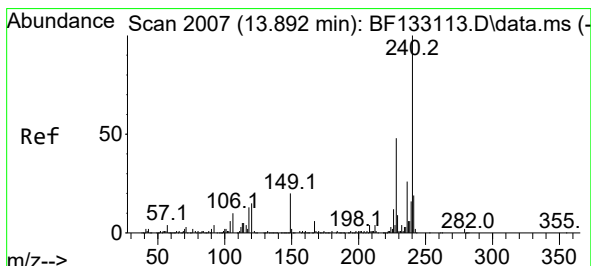
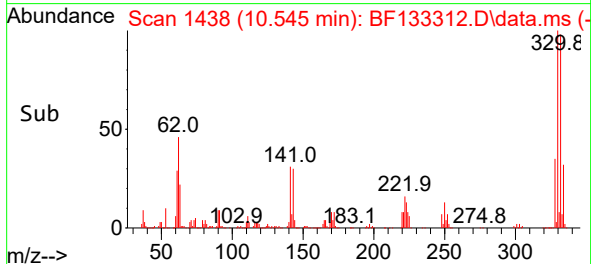
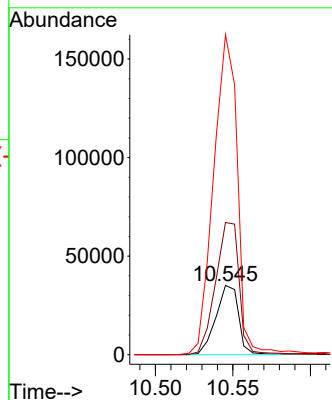
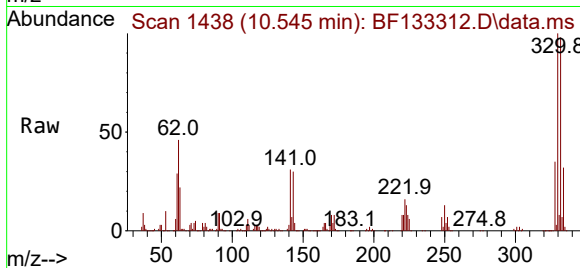




#67
4-Bromophenyl-phenylether
Concen: 3.849 ng
RT: 10.545 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133312.D
Acq: 09 May 2023 12:21

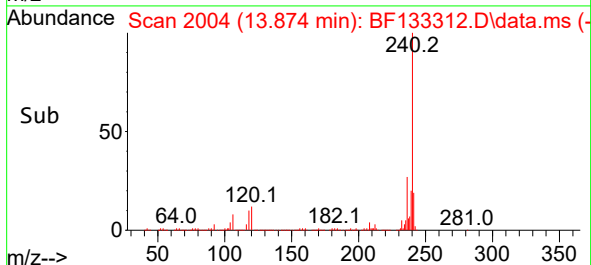
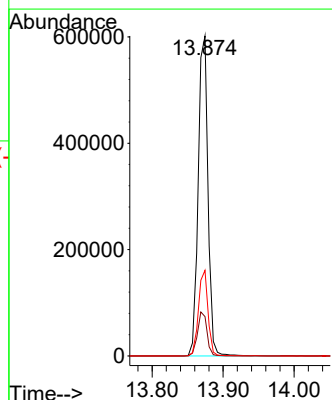
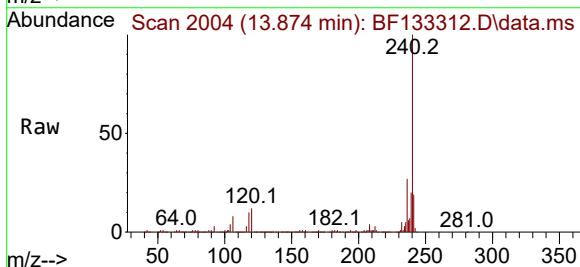
Instrument :
BNA_F
ClientSampleId :
PB152561TB

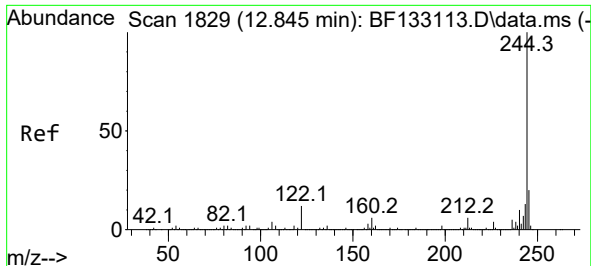
Tgt Ion:248 Resp: 35850
Ion Ratio Lower Upper
248 100
250 190.8 78.7 118.1#
141 462.2 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133312.D
Acq: 09 May 2023 12:21

Tgt Ion:240 Resp: 578583
Ion Ratio Lower Upper
240 100
120 12.3 10.5 15.7
236 26.8 21.5 32.3

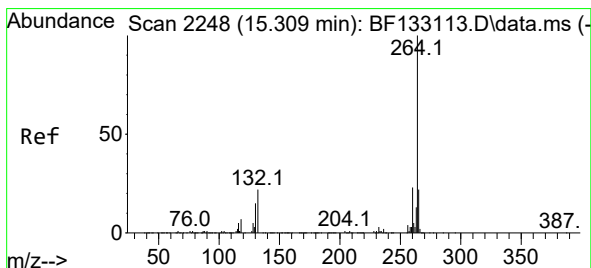
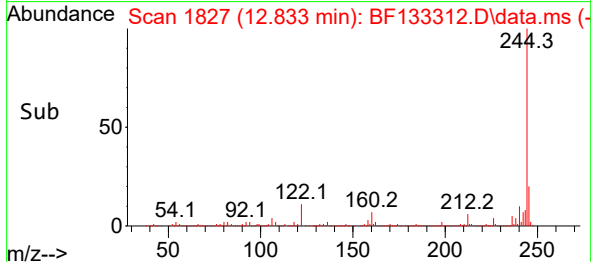
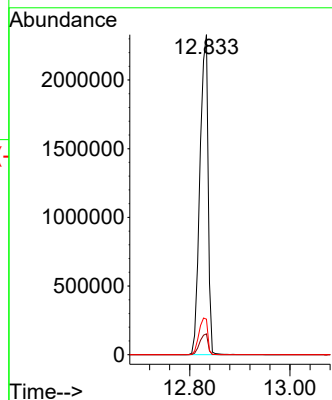
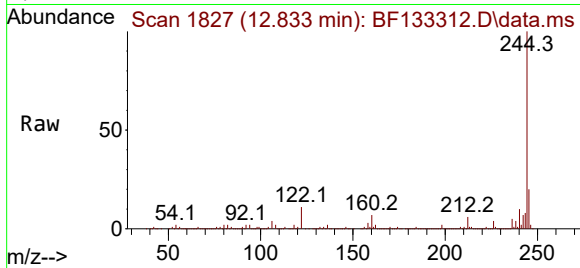




#79
 Terphenyl-d14
 Concen: 78.071 ng
 RT: 12.833 min Scan# 1829
 Delta R.T. 0.000 min
 Lab File: BF133312.D
 Acq: 09 May 2023 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB152561TB

Tgt Ion:244 Resp: 2619080
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.1 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: BF133312.D
 Acq: 09 May 2023 12:21

Tgt Ion:264 Resp: 451369
 Ion Ratio Lower Upper
 264 100
 260 25.4 18.8 28.2
 265 22.3 17.0 25.4

