

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133289.D
 Acq On : 08 May 2023 11:34
 Operator : CG\JU
 Sample : PB152599BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152599BL

Quant Time: May 09 05:02:48 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)

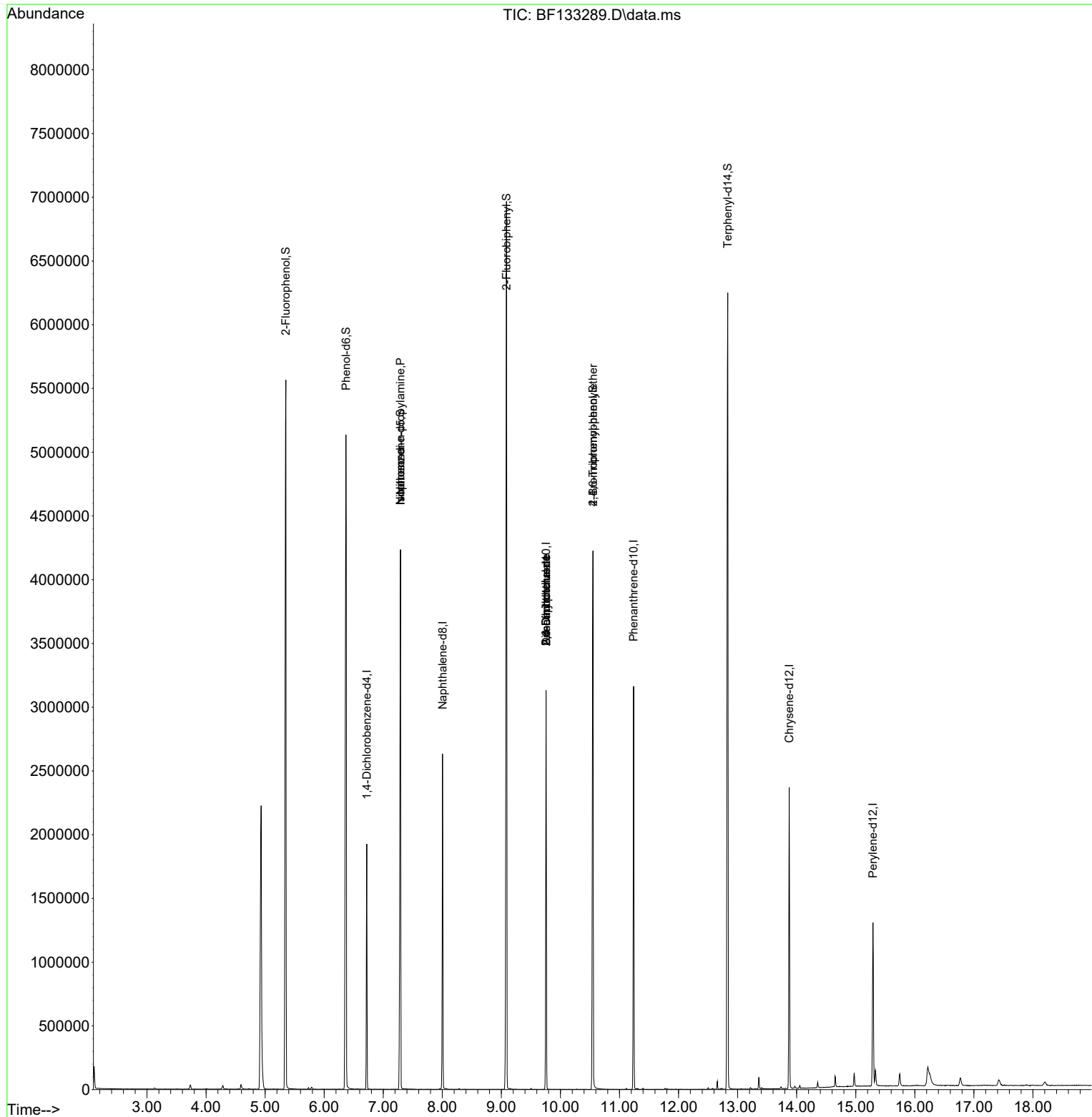
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	245886	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1046999	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	565074	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1054830	20.000	ng	0.00
76) Chrysene-d12	13.874	240	676686	20.000	ng	0.00
86) Perylene-d12	15.292	264	534898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1887291	115.946	ng	0.02
7) Phenol-d6	6.369	99	2377679	117.687	ng	0.00
23) Nitrobenzene-d5	7.292	82	1458183	75.175	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	598968	105.398	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2433782	72.056	ng	0.00
79) Terphenyl-d14	12.833	244	2781799	70.900	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.198	77	119	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.292	70	192123	15.275	ng	# 75
25) Isophorone	7.292	82	1453282	39.461	ng	# 63
50) Dimethylphthalate	9.757	163	116740	2.963	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	75603	8.525	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	75603	6.685	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	37976	3.320	ng	# 1

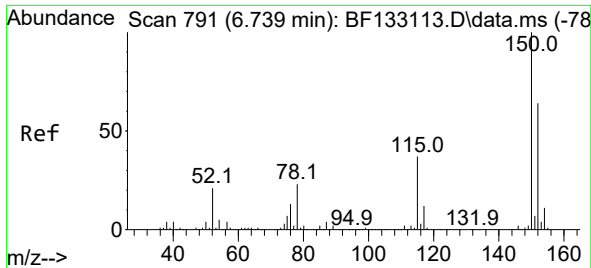
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
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BNA_F
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Quant Time: May 09 05:02:48 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

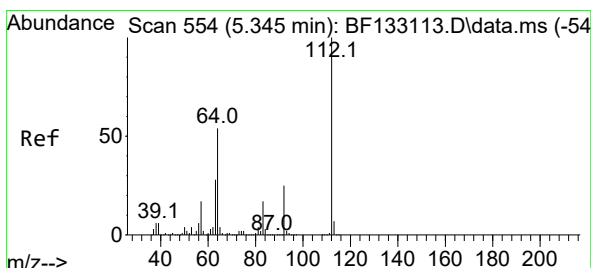
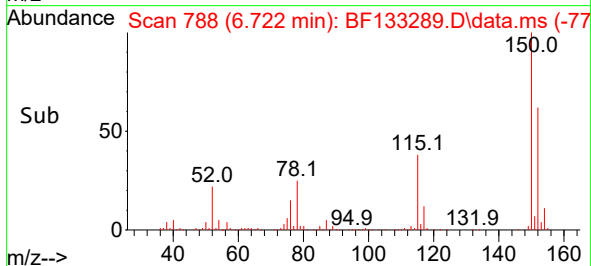
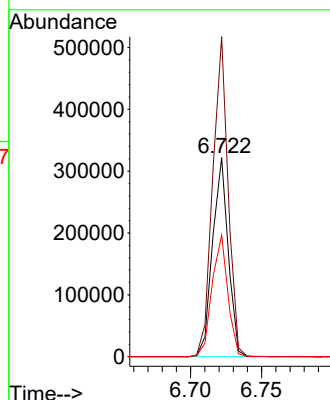
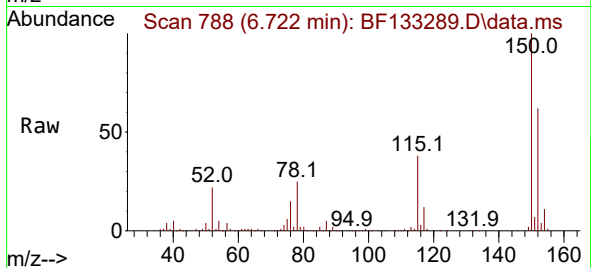




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

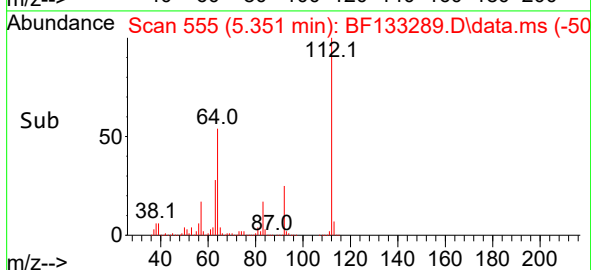
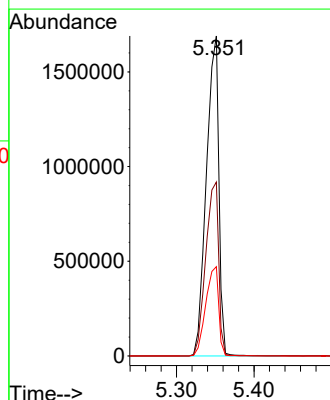
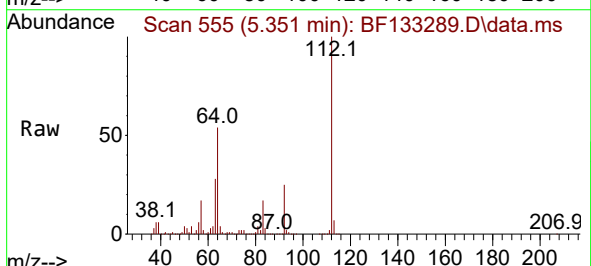
Instrument :
BNA_F
ClientSampleId :
PB152599BL

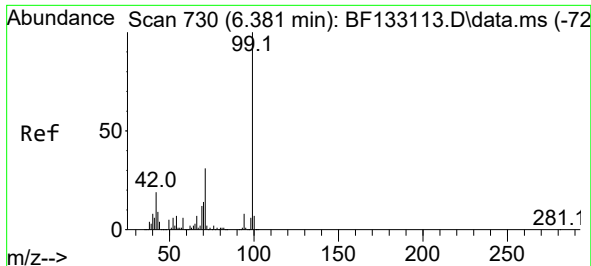
Tgt Ion:152 Resp: 245886
Ion Ratio Lower Upper
152 100
150 160.8 124.8 187.2
115 61.1 49.9 74.9



#5
2-Fluorophenol
Concen: 115.946 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.024 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

Tgt Ion:112 Resp: 1887291
Ion Ratio Lower Upper
112 100
64 54.4 46.8 70.2
63 27.9 23.8 35.8

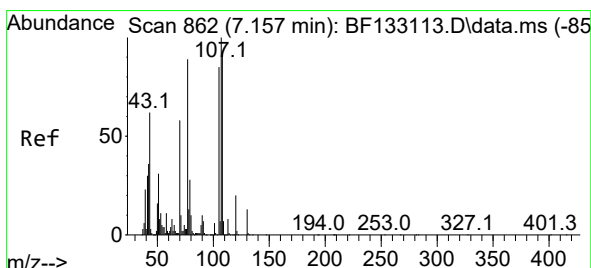
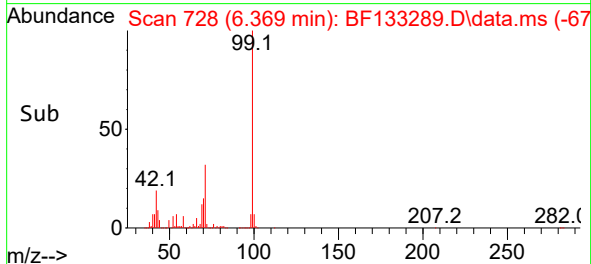
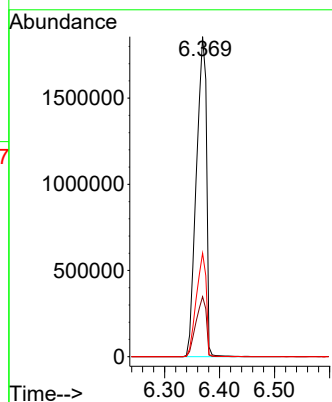
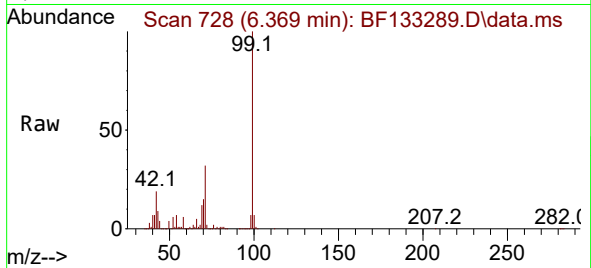




#7
Phenol-d6
Concen: 117.687 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

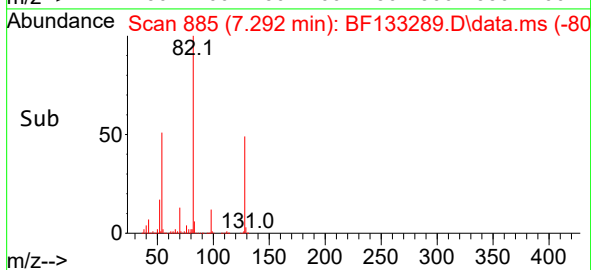
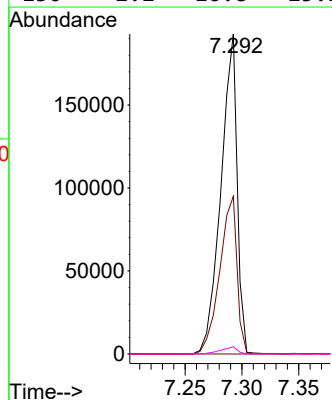
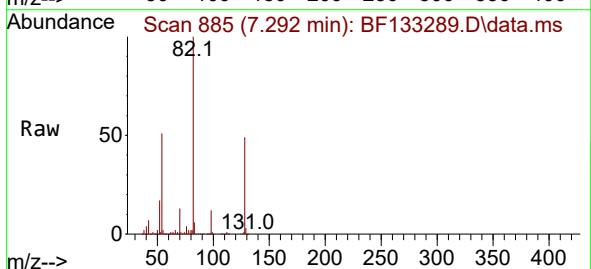
Instrument :
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ClientSampleId :
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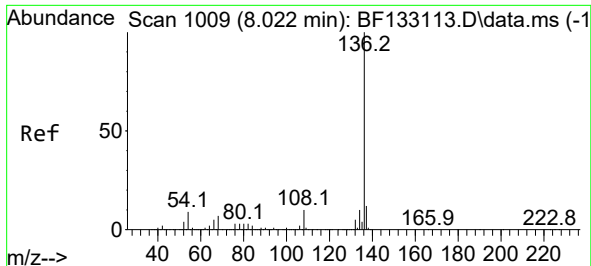
Tgt Ion: 99 Resp: 2377679
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 32.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.275 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

Tgt Ion: 70 Resp: 192123
Ion Ratio Lower Upper
70 100
42 49.3 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

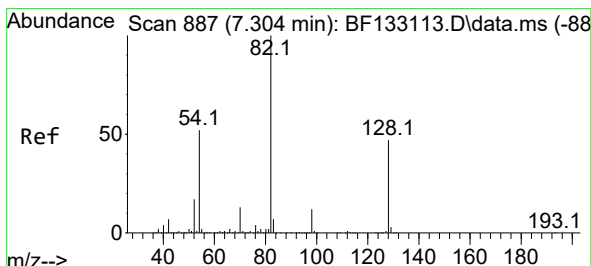
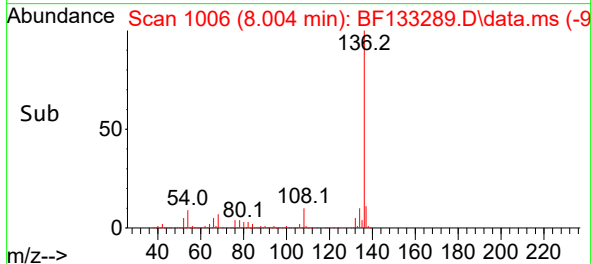
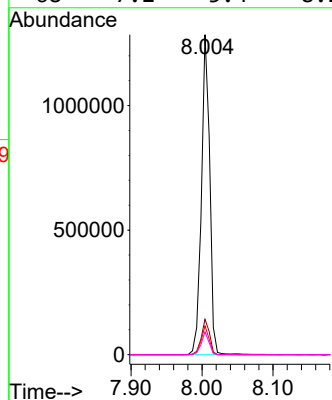
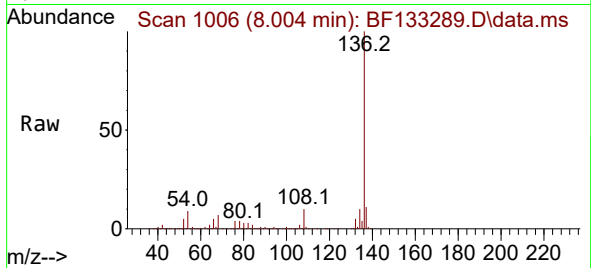




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

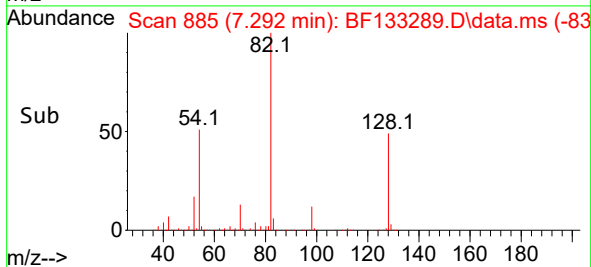
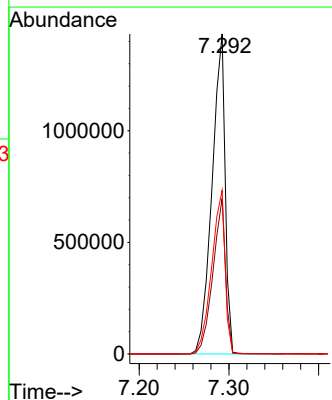
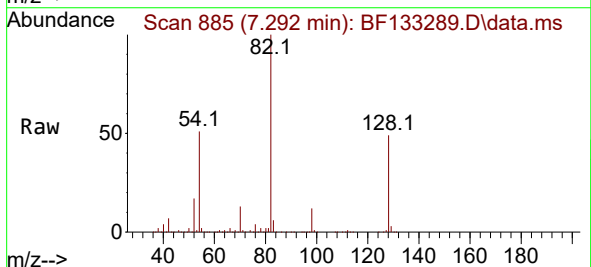
Instrument :
BNA_F
ClientSampleId :
PB152599BL

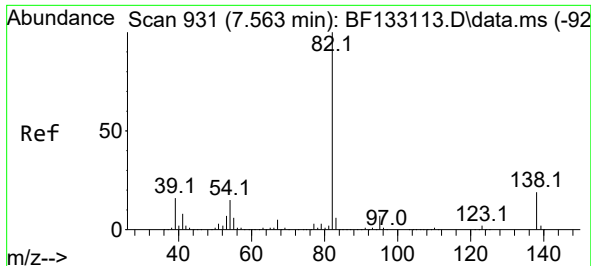
Tgt Ion:136 Resp: 1046999
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.0 7.0 10.4
68 7.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 75.175 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

Tgt Ion: 82 Resp: 1458183
Ion Ratio Lower Upper
82 100
128 48.6 37.7 56.5
54 51.1 43.0 64.4

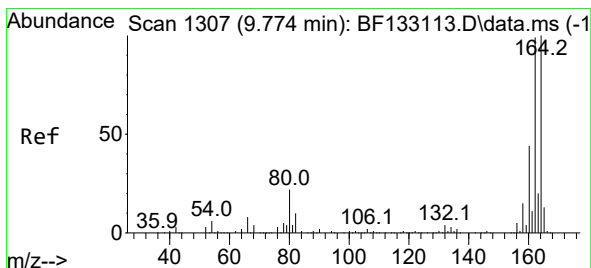
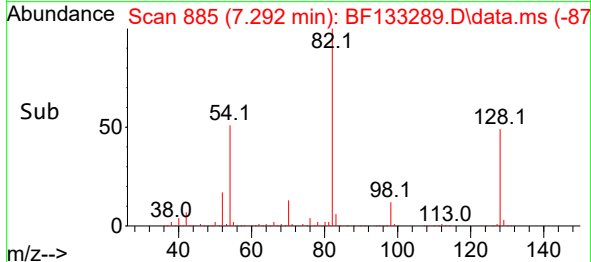
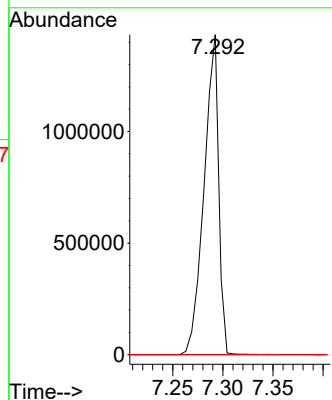
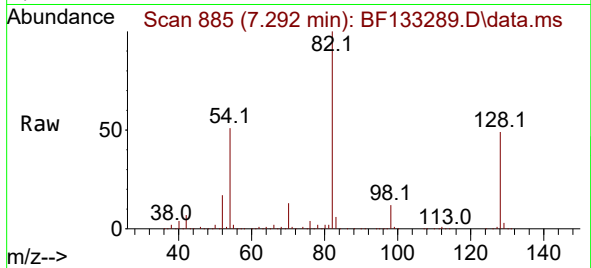




#25
Isophorone
Concen: 39.461 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

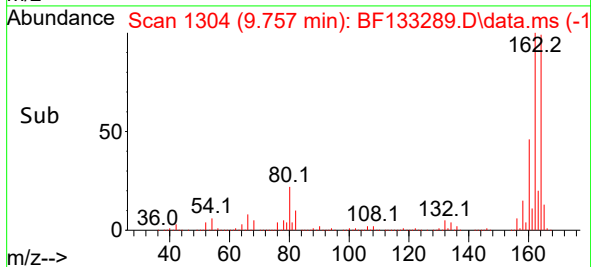
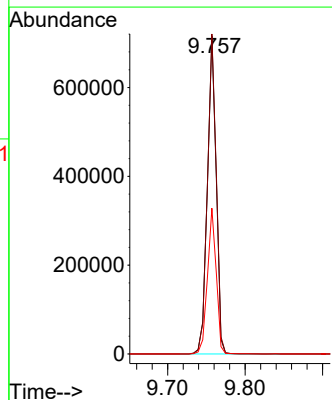
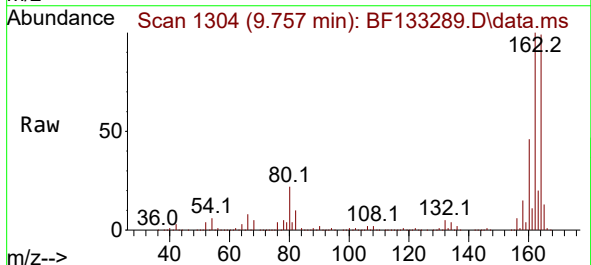
Instrument :
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ClientSampleId :
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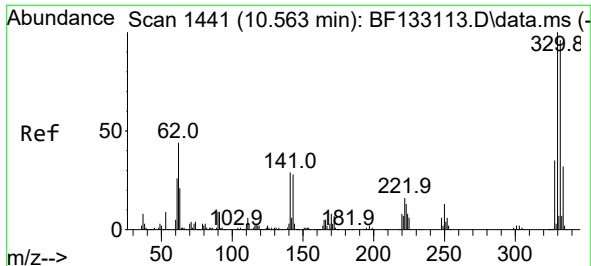
Tgt Ion: 82 Resp: 1453282
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

Tgt Ion:164 Resp: 565074
Ion Ratio Lower Upper
164 100
162 100.6 78.7 118.1
160 45.8 35.8 53.6

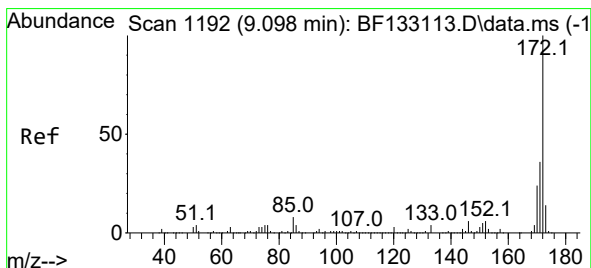
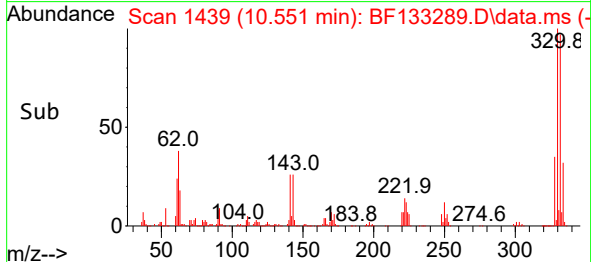
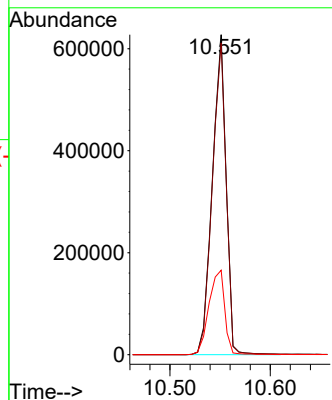
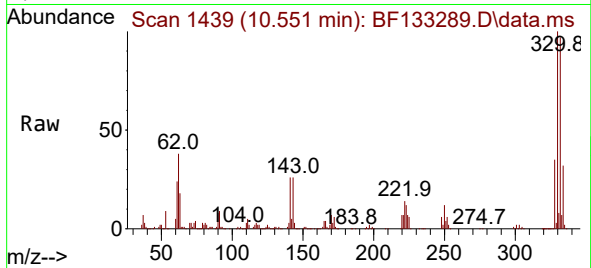




#42
2,4,6-Tribromophenol
Concen: 105.398 ng
RT: 10.551 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

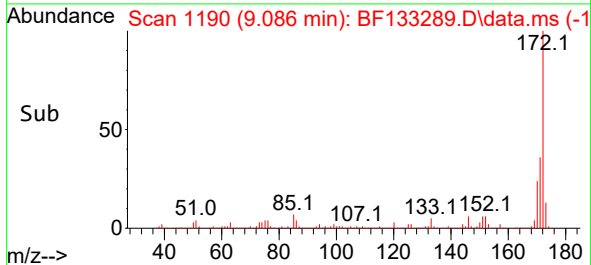
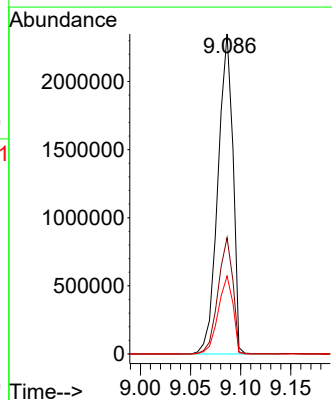
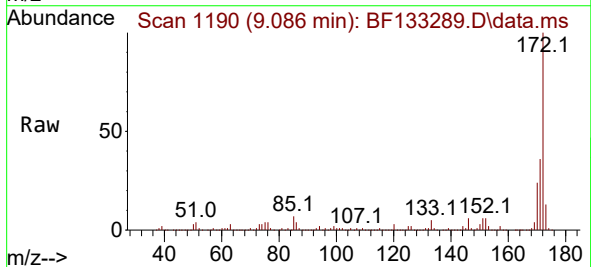
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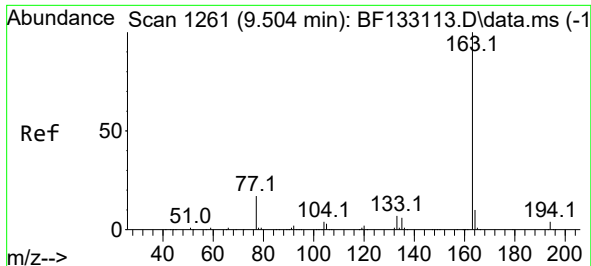
Tgt Ion:330 Resp: 598968
Ion Ratio Lower Upper
330 100
332 98.4 77.1 115.7
141 30.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 72.056 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

Tgt Ion:172 Resp: 2433782
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.4 19.4 29.2

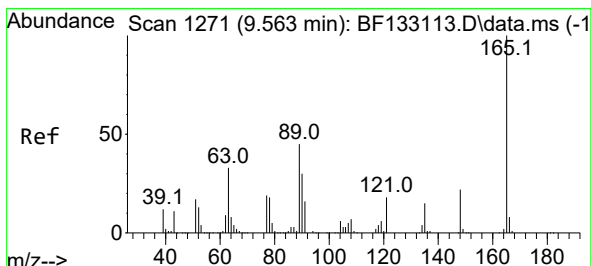
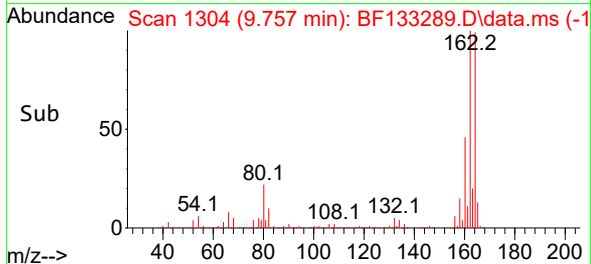
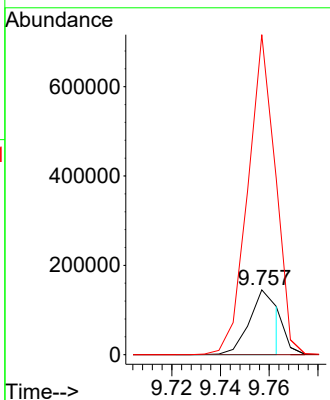
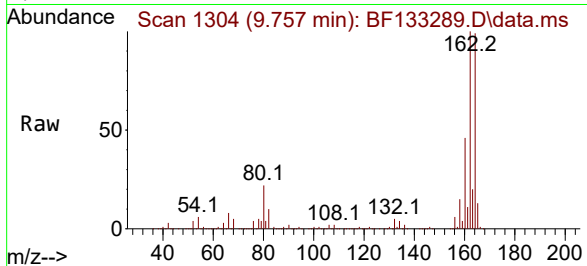




#50
Dimethylphthalate
Concen: 2.963 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

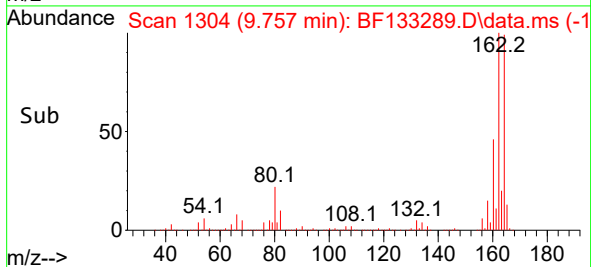
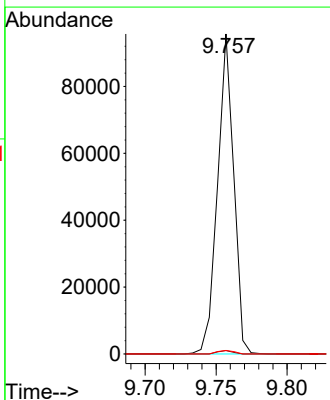
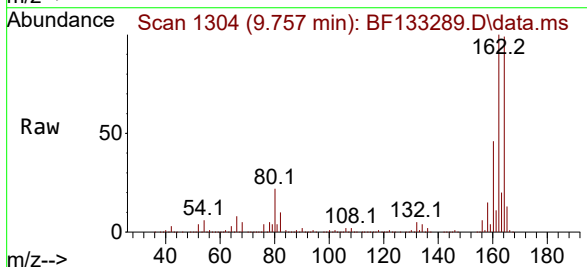
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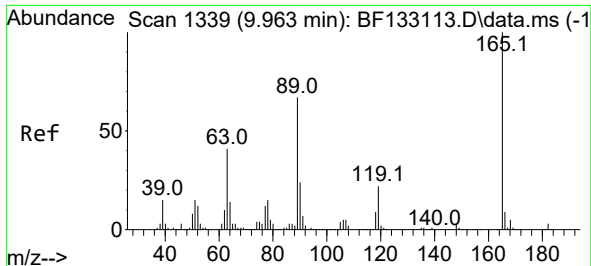
Tgt Ion:163 Resp: 116740
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 493.7 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.525 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

Tgt Ion:165 Resp: 75603
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.1 44.0 66.0#

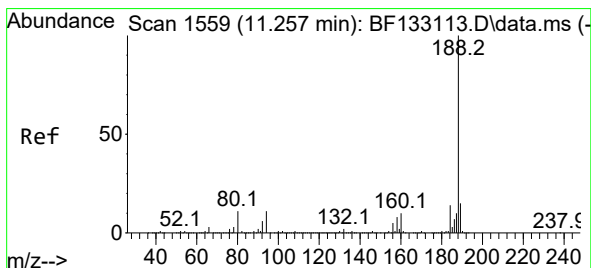
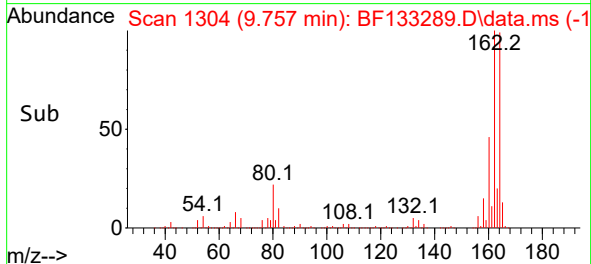
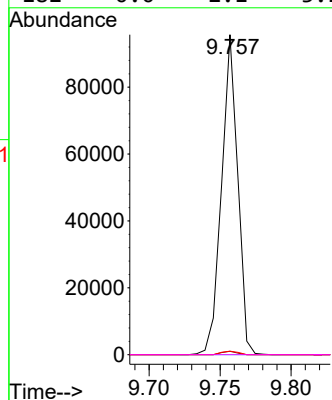
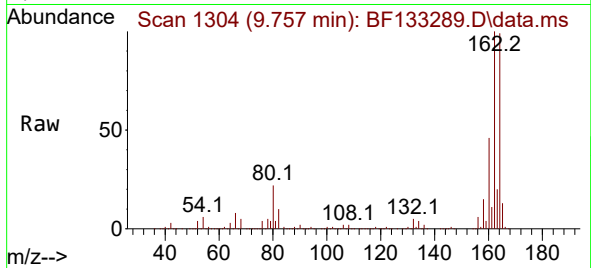




#57
2,4-Dinitrotoluene
Concen: 6.685 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

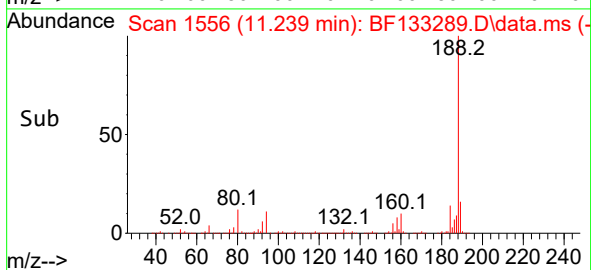
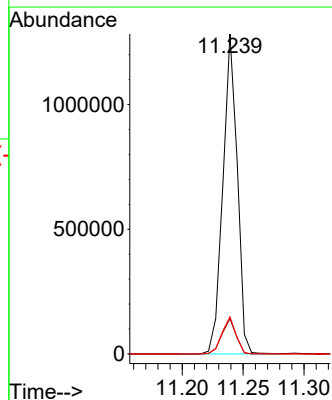
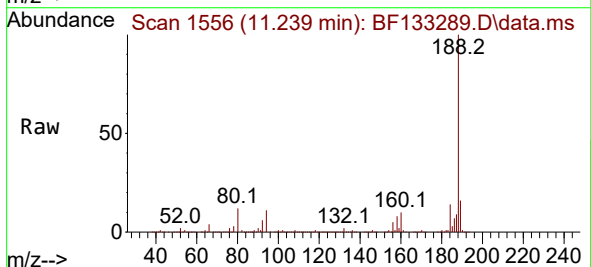
Instrument :
BNA_F
ClientSampleId :
PB152599BL

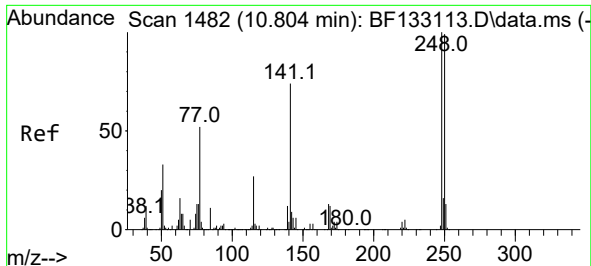
Tgt Ion:165 Resp: 75603
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

Tgt Ion:188 Resp: 1054830
Ion Ratio Lower Upper
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94 11.0 9.7 14.5
80 11.6 10.4 15.6

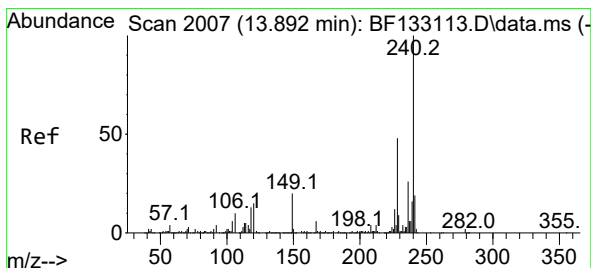
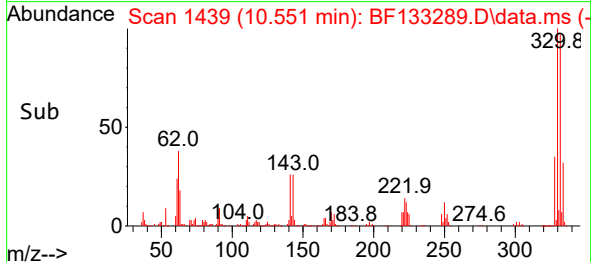
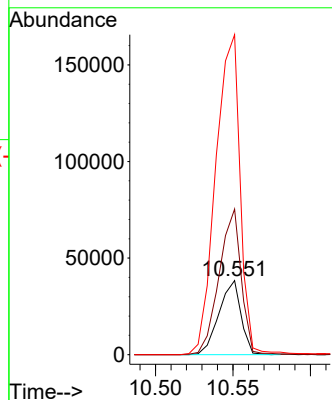
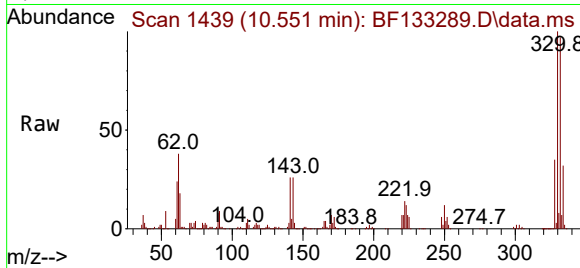




#67
4-Bromophenyl-phenylether
Concen: 3.320 ng
RT: 10.551 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

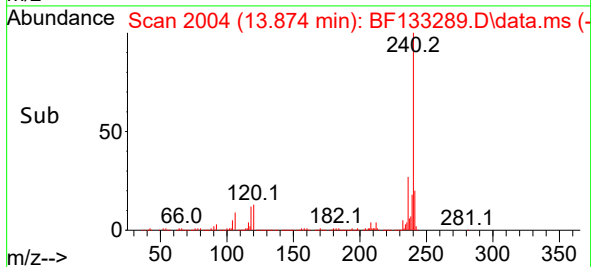
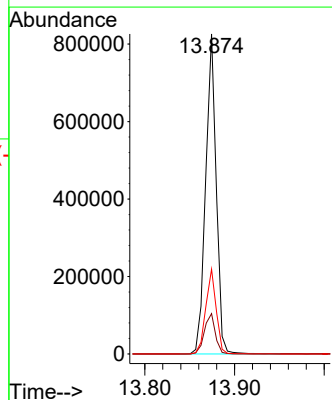
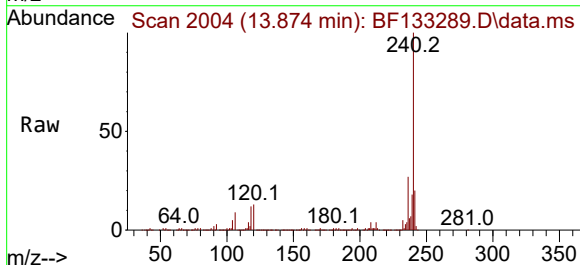
Instrument :
BNA_F
ClientSampleId :
PB152599BL

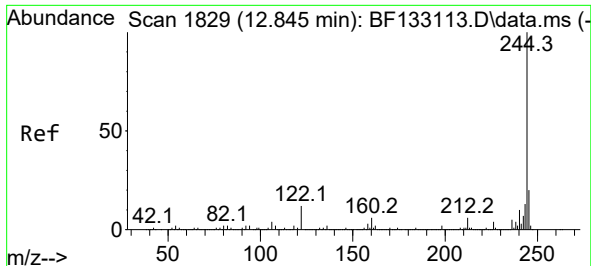
Tgt Ion:248 Resp: 37976
Ion Ratio Lower Upper
248 100
250 196.6 78.7 118.1#
141 432.1 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133289.D
Acq: 08 May 2023 11:34

Tgt Ion:240 Resp: 676686
Ion Ratio Lower Upper
240 100
120 12.6 10.5 15.7
236 26.5 21.5 32.3

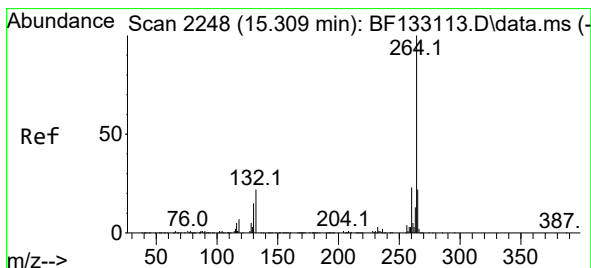
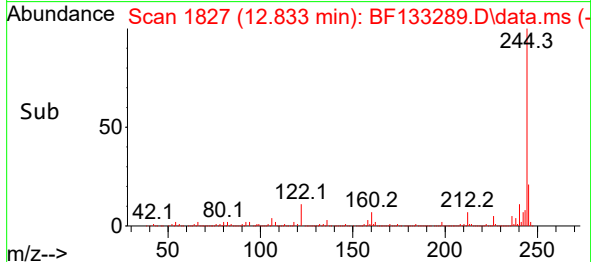
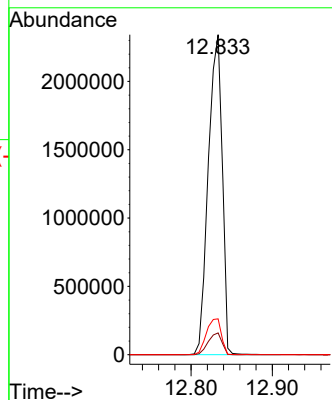
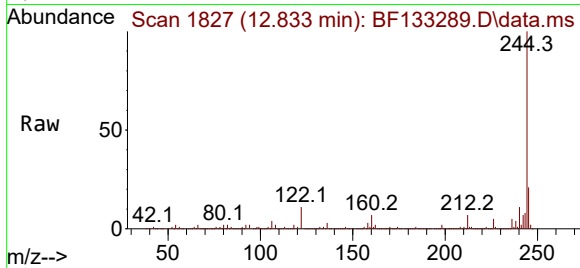




#79
 Terphenyl-d14
 Concen: 70.900 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133289.D
 Acq: 08 May 2023 11:34

Instrument :
 BNA_F
 ClientSampleId :
 PB152599BL

Tgt Ion:244 Resp: 2781799
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.2 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: BF133289.D
 Acq: 08 May 2023 11:34

Tgt Ion:264 Resp: 534898
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.4 17.0 25.4

