

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133313.D
 Acq On : 09 May 2023 12:53
 Operator : CG\JU
 Sample : PB152670BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152670BL

Quant Time: May 10 01:45:13 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)

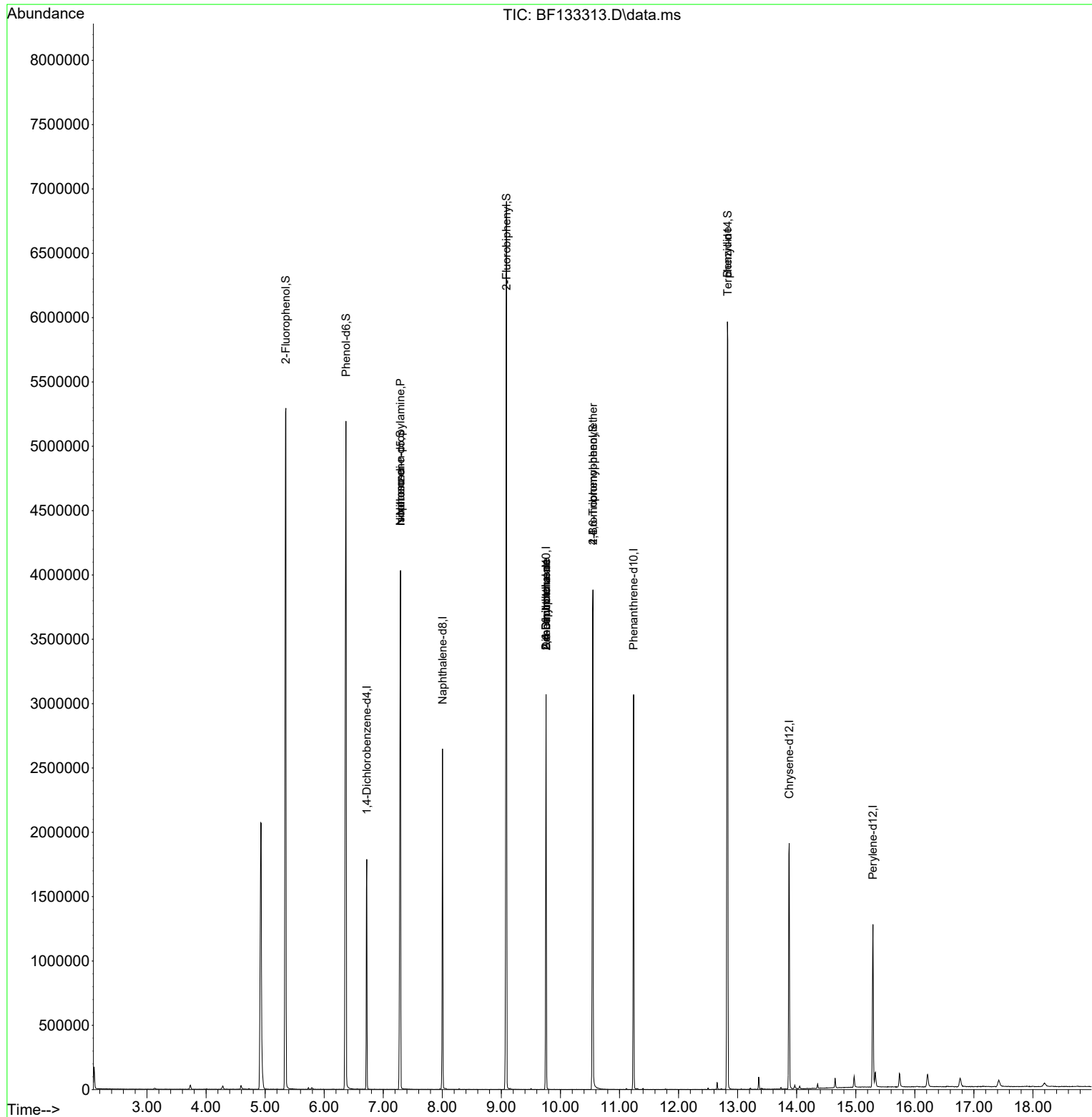
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	252156	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1040790	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	562527	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1012062	20.000	ng	0.00
76) Chrysene-d12	13.874	240	652488	20.000	ng	0.00
86) Perylene-d12	15.292	264	516089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1911417	114.509	ng	0.02
7) Phenol-d6	6.369	99	2327911	112.358	ng	0.00
23) Nitrobenzene-d5	7.292	82	1450325	75.216	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	584064	103.241	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2372467	70.559	ng	0.00
79) Terphenyl-d14	12.833	244	2667346	70.504	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.369	77	3245	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.292	70	192185	14.900	ng	# 75
25) Isophorone	7.292	82	1445556	39.485	ng	# 63
50) Dimethylphthalate	9.757	163	114895	2.929	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	71739	8.126	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	71739	6.372	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	36603	3.335	ng	# 1
77) Benzidine	12.827	184	32021	2.902	ng	# 90

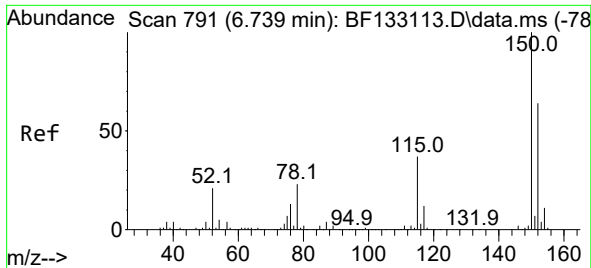
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 10 01:45:13 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

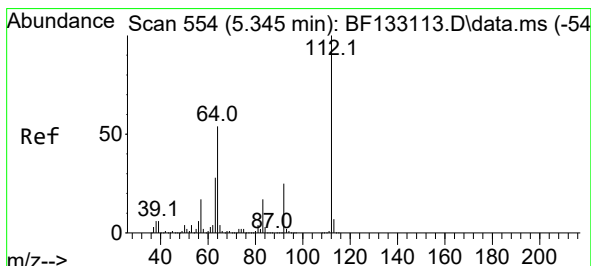
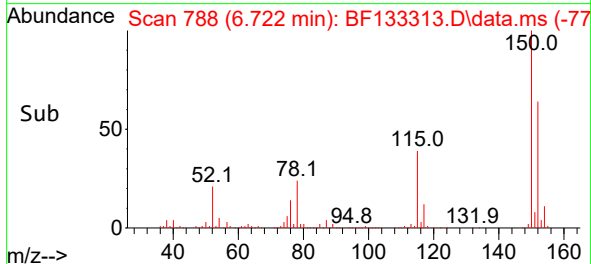
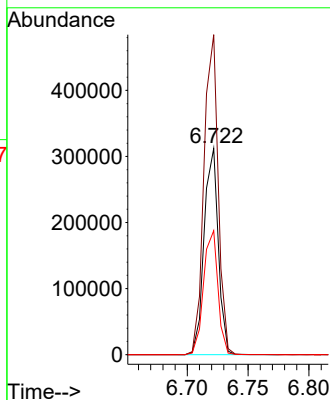
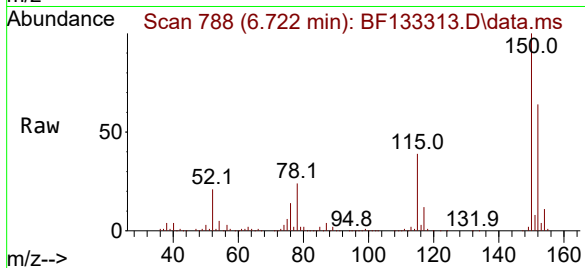




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133313.D
 Acq: 09 May 2023 12:53

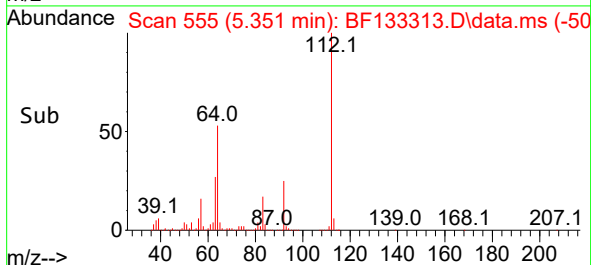
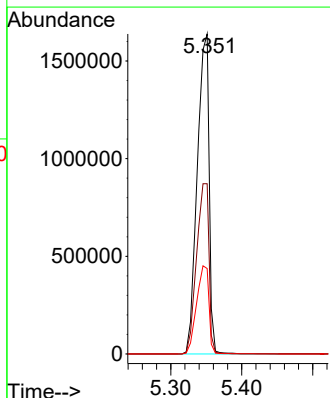
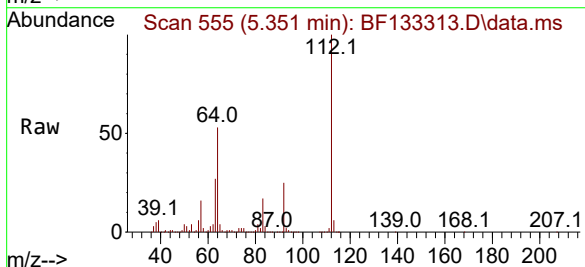
Instrument :
 BNA_F
 ClientSampleId :
 PB152670BL

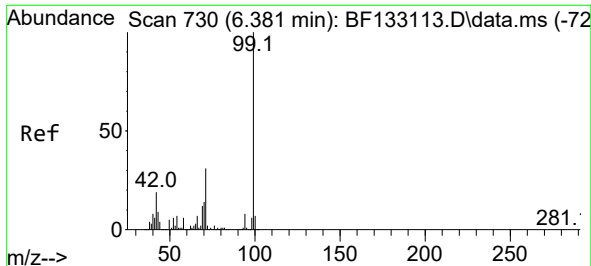
Tgt Ion:152 Resp: 252156
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.8 187.2
 115 60.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 114.509 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.024 min
 Lab File: BF133313.D
 Acq: 09 May 2023 12:53

Tgt Ion:112 Resp: 1911417
 Ion Ratio Lower Upper
 112 100
 64 53.2 46.8 70.2
 63 26.7 23.8 35.8

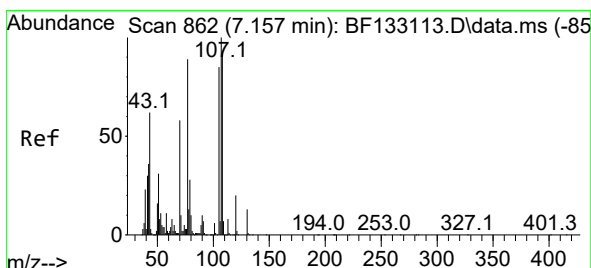
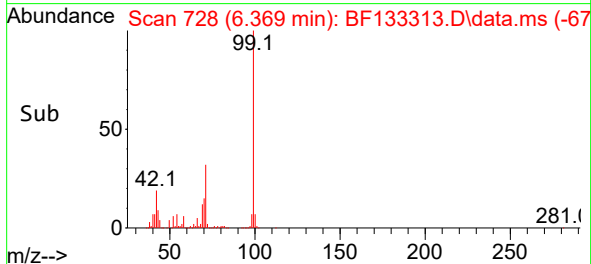
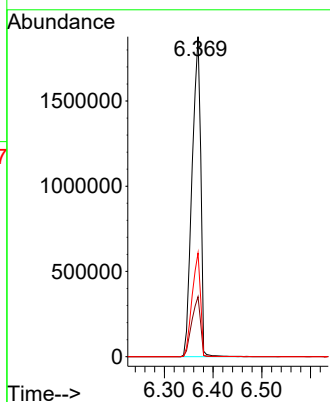
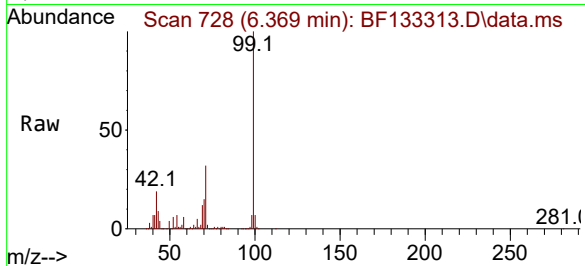




#7
Phenol-d6
Concen: 112.358 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

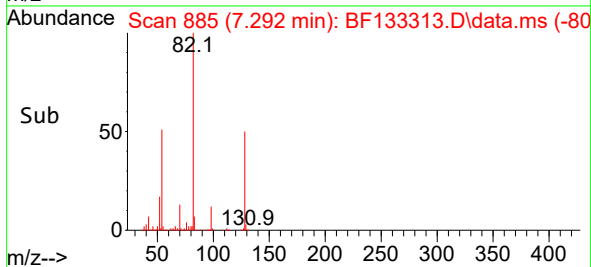
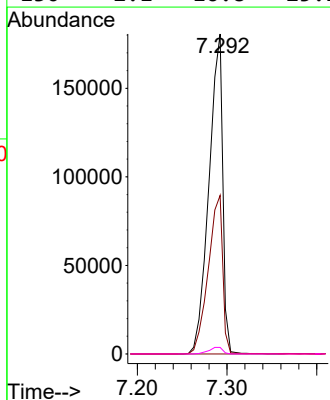
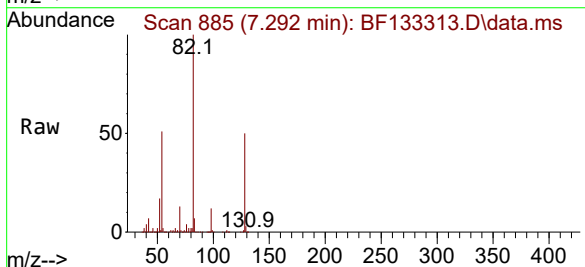
Instrument :
BNA_F
ClientSampleId :
PB152670BL

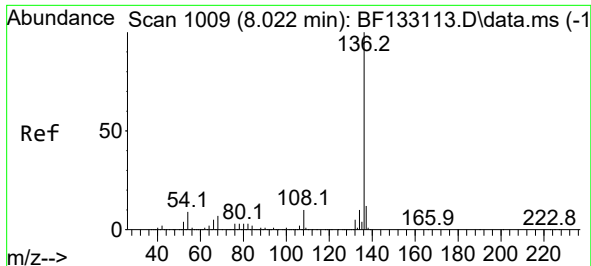
Tgt Ion: 99 Resp: 2327911
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 32.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.900 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

Tgt Ion: 70 Resp: 192185
Ion Ratio Lower Upper
70 100
42 49.6 51.8 77.6#
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#

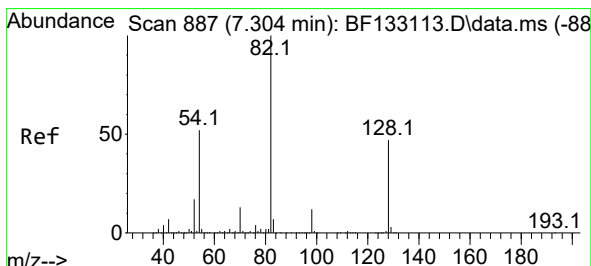
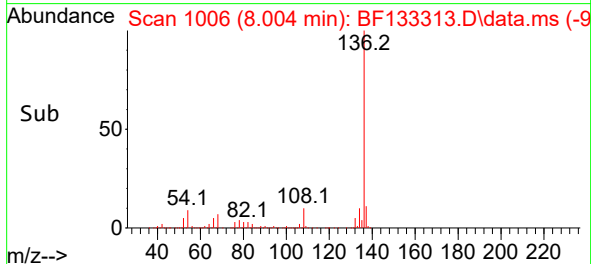
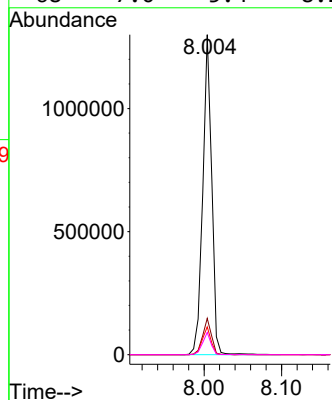
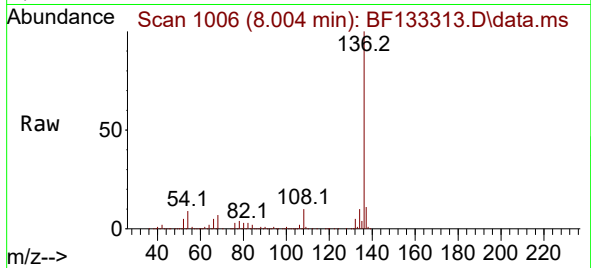




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

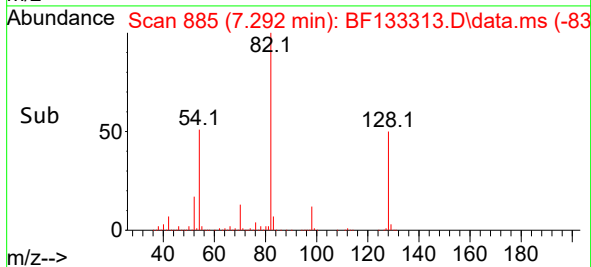
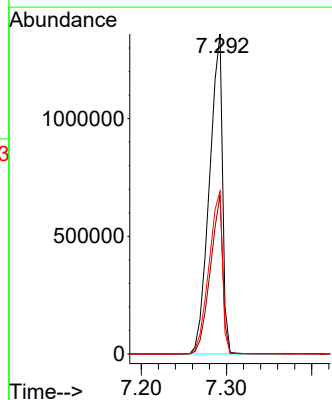
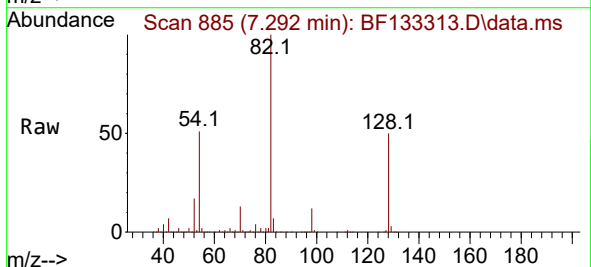
Instrument :
BNA_F
ClientSampleId :
PB152670BL

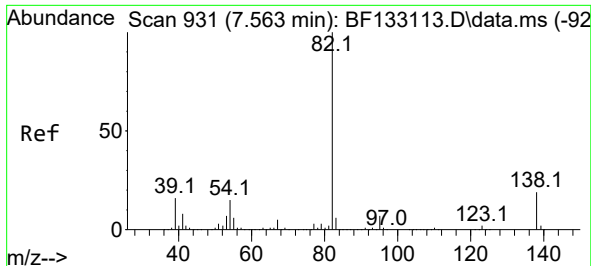
Tgt Ion:136 Resp: 1040790
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.7 7.0 10.4
68 7.0 5.4 8.2



#23
Nitrobenzene-d5
Concen: 75.216 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

Tgt Ion: 82 Resp: 1450325
Ion Ratio Lower Upper
82 100
128 49.5 37.7 56.5
54 50.9 43.0 64.4

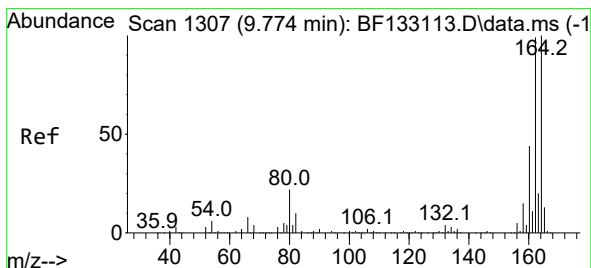
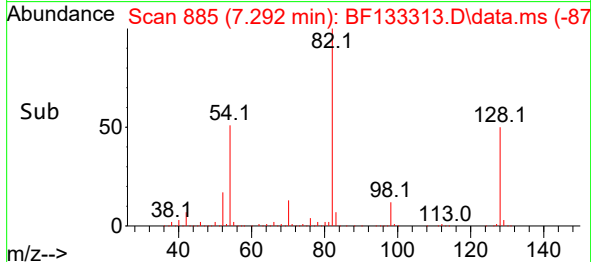
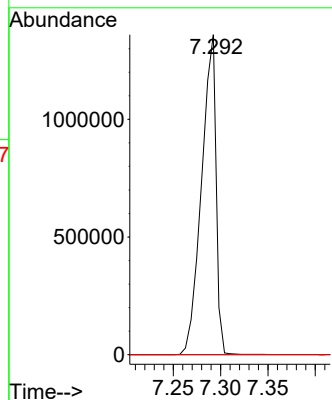
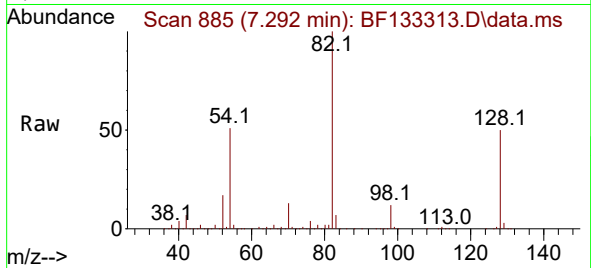




#25
Isophorone
Concen: 39.485 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

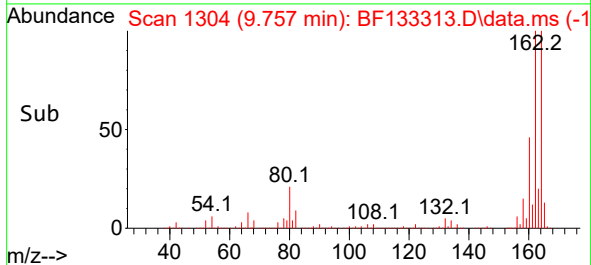
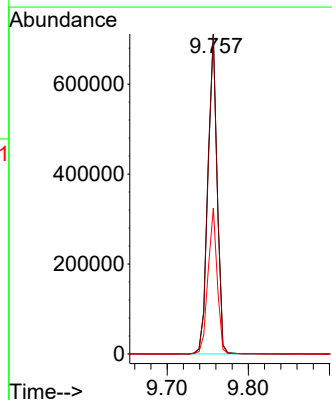
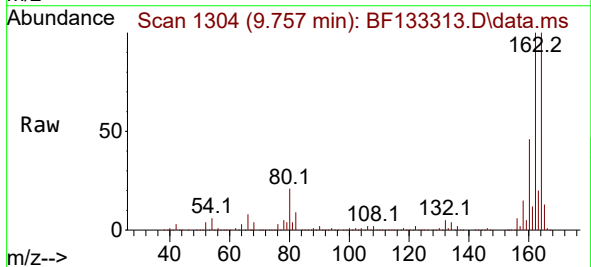
Instrument :
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ClientSampleId :
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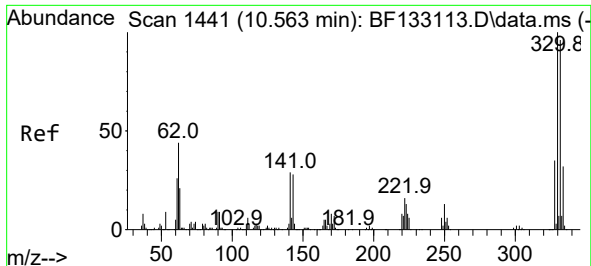
Tgt Ion: 82 Resp: 1445556
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

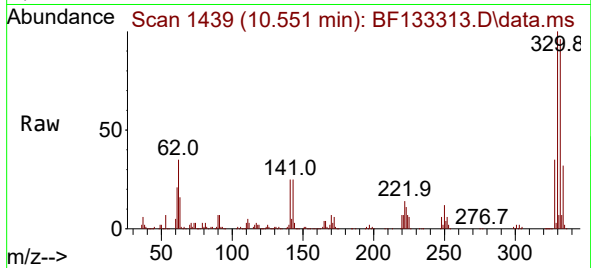
Tgt Ion:164 Resp: 562527
Ion Ratio Lower Upper
164 100
162 99.8 78.7 118.1
160 45.6 35.8 53.6



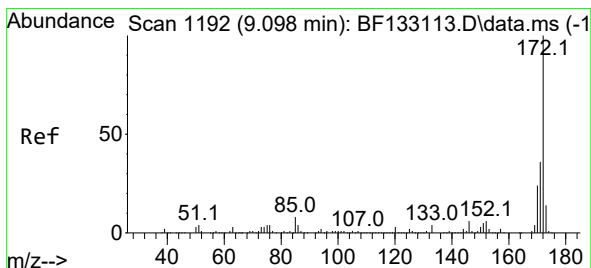
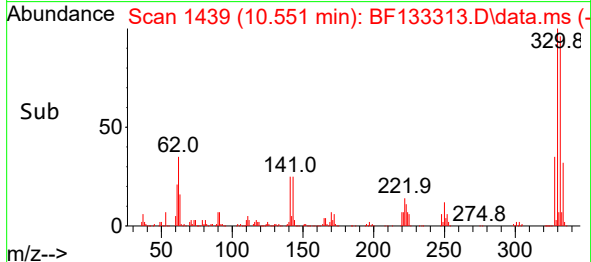
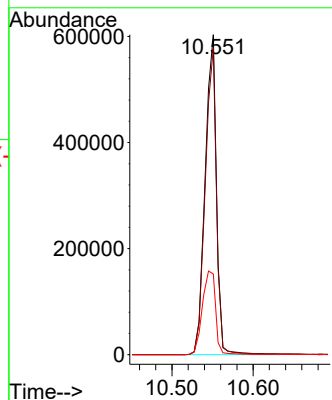


#42
2,4,6-Tribromophenol
Concen: 103.241 ng
RT: 10.551 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

Instrument :
BNA_F
ClientSampleId :
PB152670BL

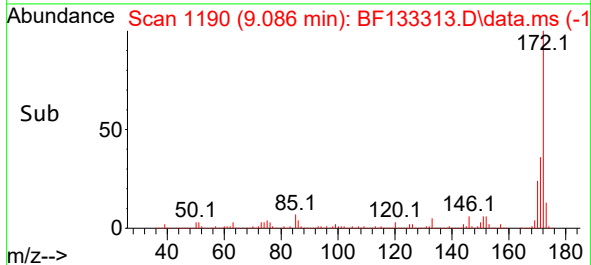
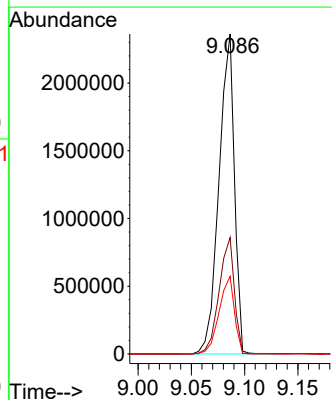
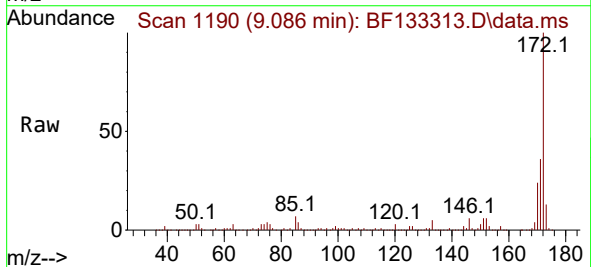


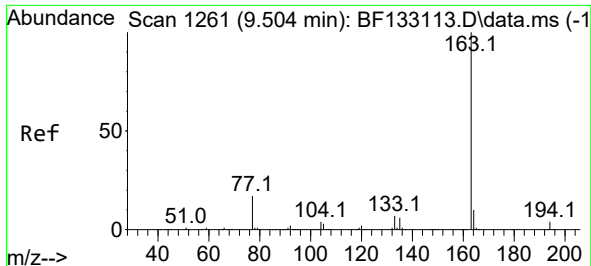
Tgt Ion: 330 Resp: 584064
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 30.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 70.559 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

Tgt Ion: 172 Resp: 2372467
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.3 19.4 29.2

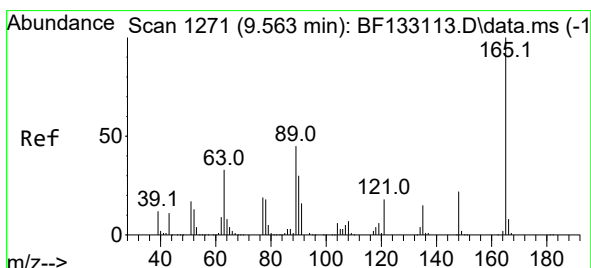
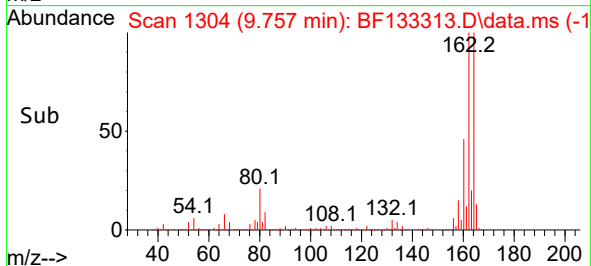
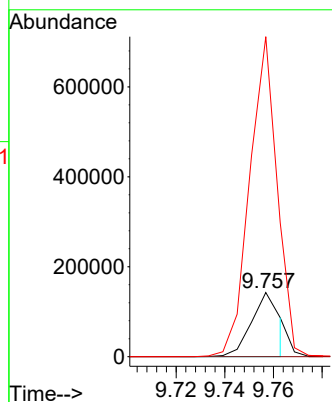
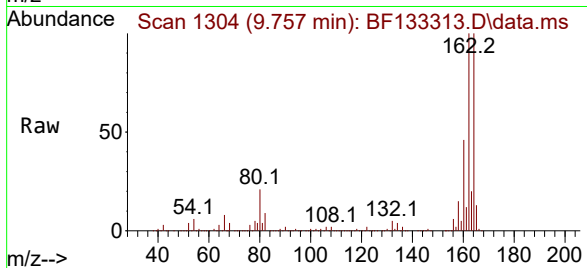




#50
Dimethylphthalate
Concen: 2.929 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

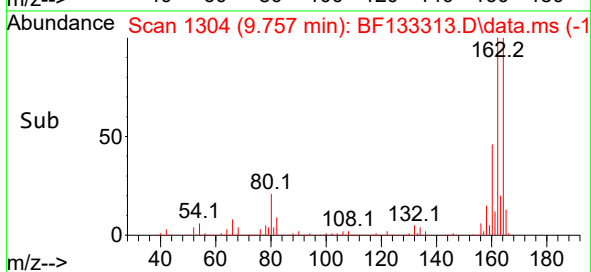
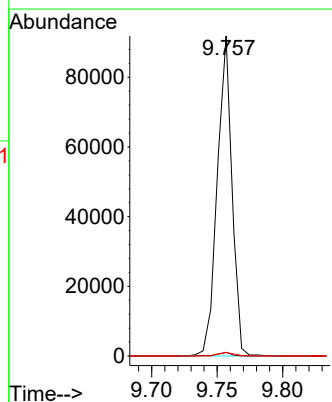
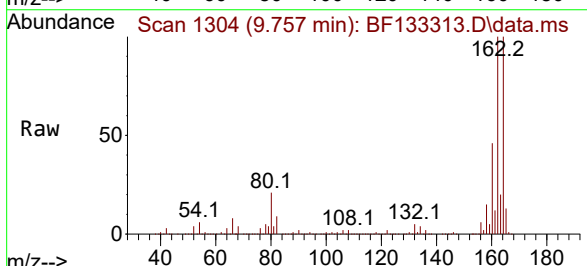
Instrument :
BNA_F
ClientSampleId :
PB152670BL

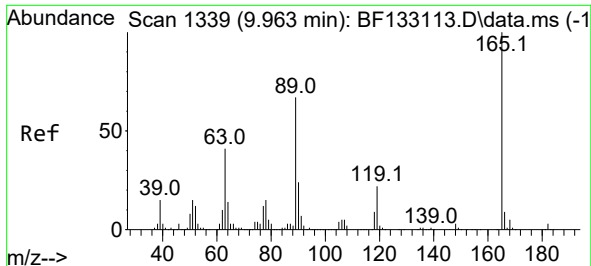
Tgt Ion:163 Resp: 114895
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 498.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.126 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

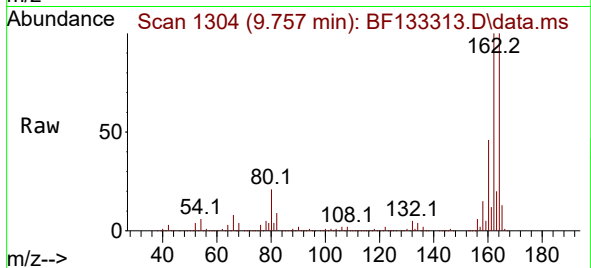
Tgt Ion:165 Resp: 71739
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.1 44.0 66.0#



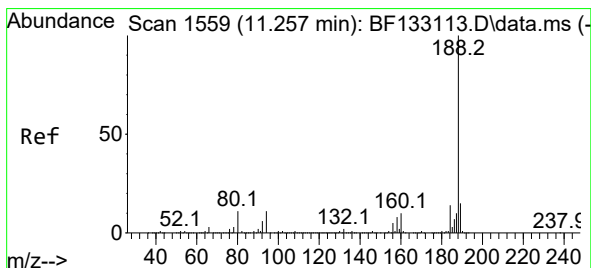
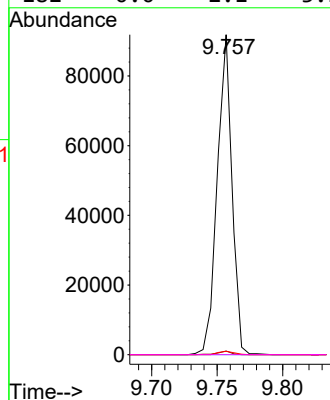
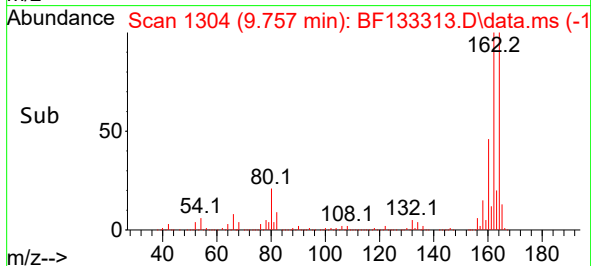


#57
2,4-Dinitrotoluene
Concen: 6.372 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

Instrument :
BNA_F
ClientSampleId :
PB152670BL

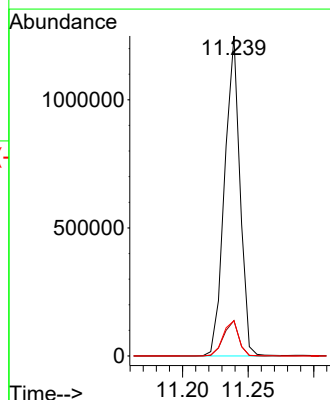
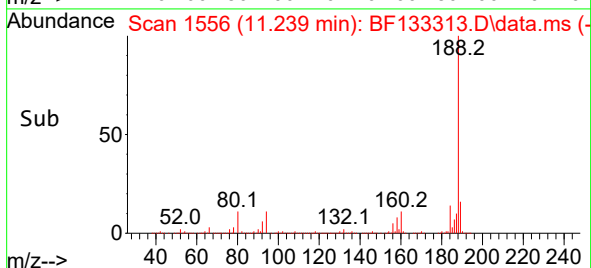
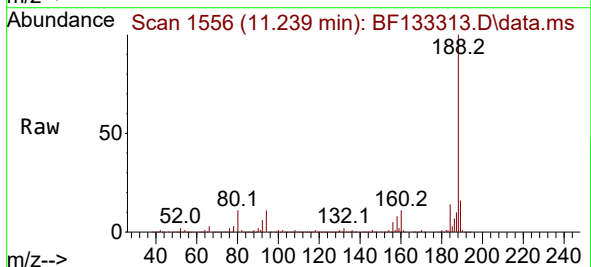


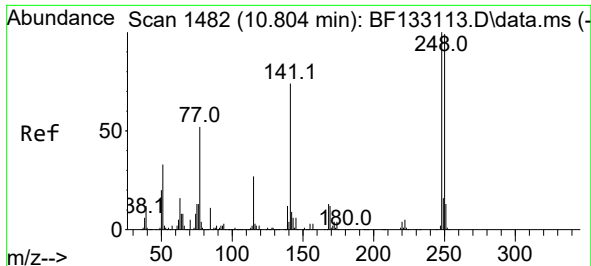
Tgt Ion:165 Resp: 71739
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

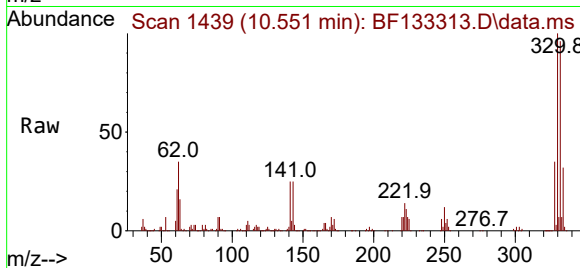
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Ion Ratio Lower Upper
188 100
94 11.1 9.7 14.5
80 11.0 10.4 15.6



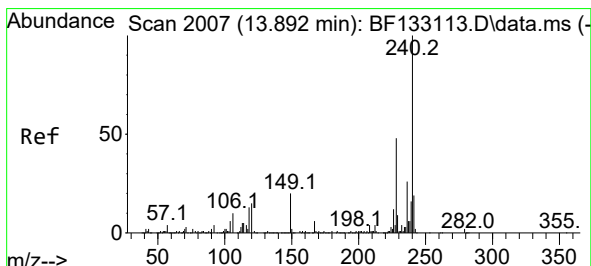
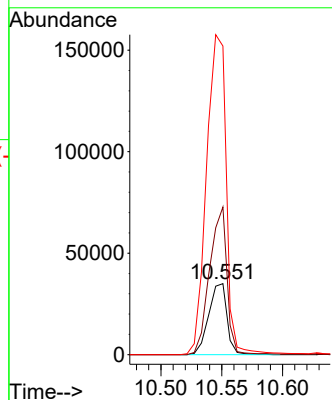
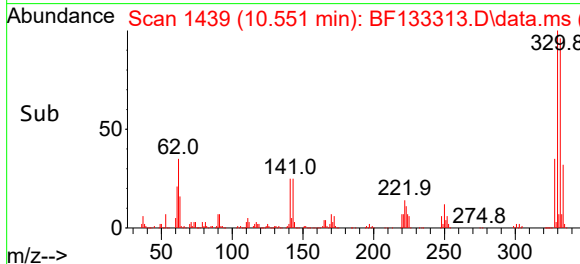


#67
4-Bromophenyl-phenylether
Concen: 3.335 ng
RT: 10.551 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

Instrument :
BNA_F
ClientSampleId :
PB152670BL

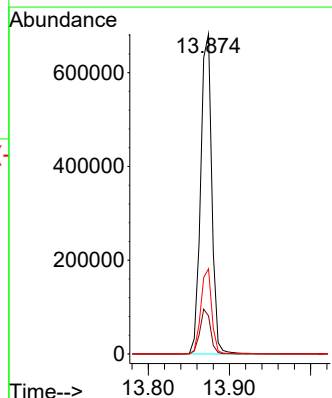
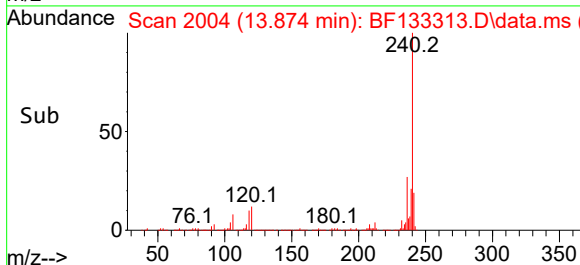
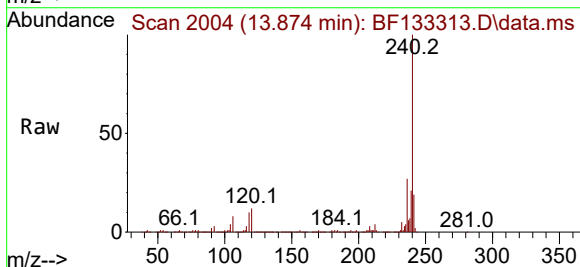


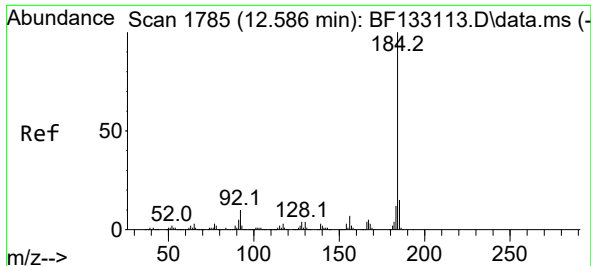
Tgt Ion:248 Resp: 36603
Ion Ratio Lower Upper
248 100
250 207.7 78.7 118.1#
141 434.2 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

Tgt Ion:240 Resp: 652488
Ion Ratio Lower Upper
240 100
120 11.9 10.5 15.7
236 26.6 21.5 32.3

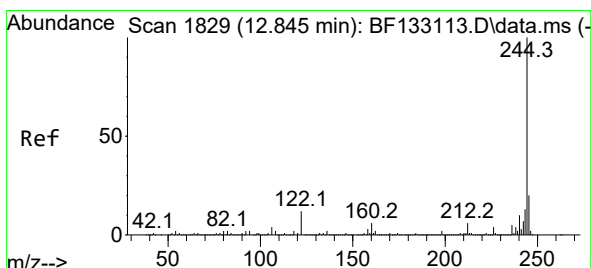
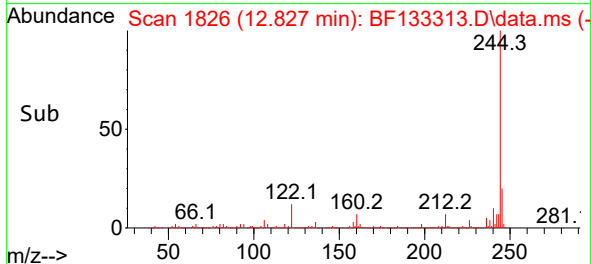
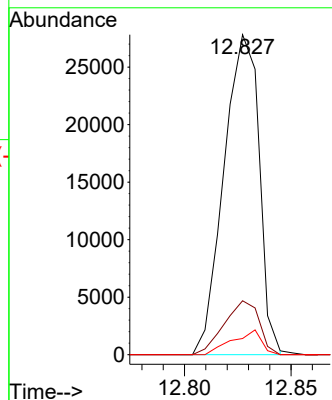
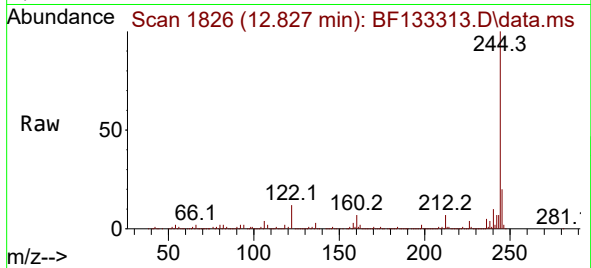




#77
Benzidine
Concen: 2.902 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.253 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

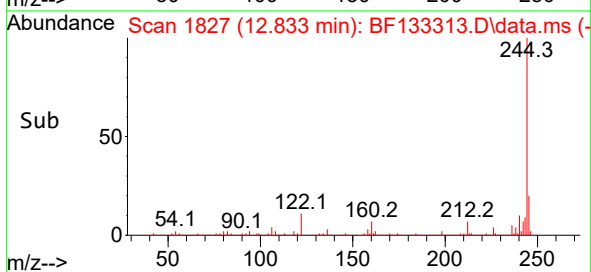
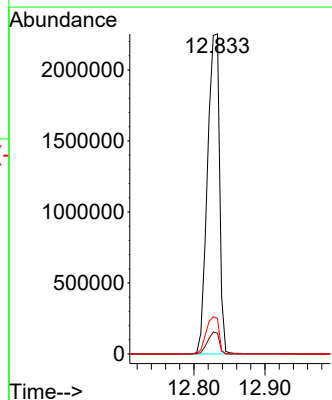
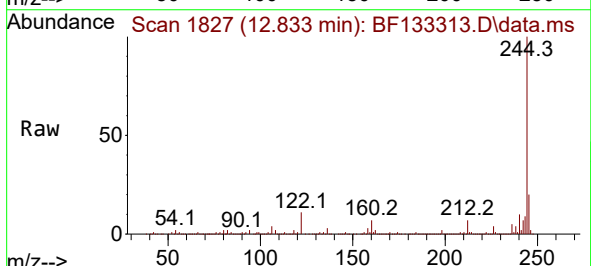
Instrument :
BNA_F
ClientSampleId :
PB152670BL

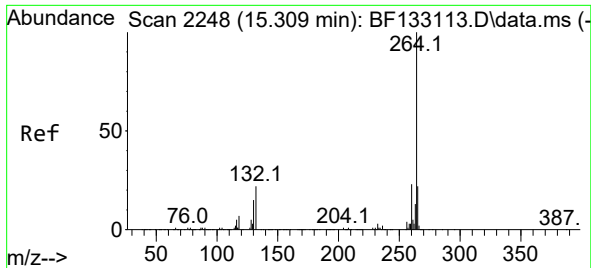
Tgt Ion:184 Resp: 32021
Ion Ratio Lower Upper
184 100
185 16.9 15.4 23.2
183 5.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 70.504 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

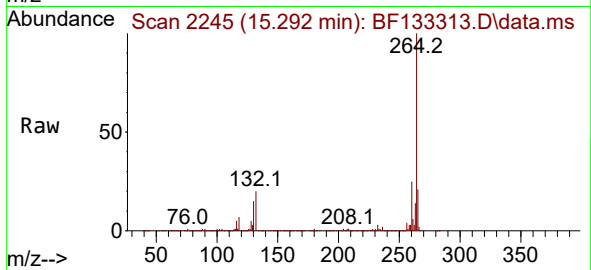
Tgt Ion:244 Resp: 2667346
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 11.1 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133313.D
Acq: 09 May 2023 12:53

Instrument :
BNA_F
ClientSampleId :
PB152670BL



Tgt Ion:264 Resp: 516089

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	21.2	17.0	25.4

