

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133163.D
 Acq On : 01 May 2023 19:09
 Operator : CG\JU
 Sample : 02558-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013-0006-01

Quant Time: May 02 05:21:34 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)

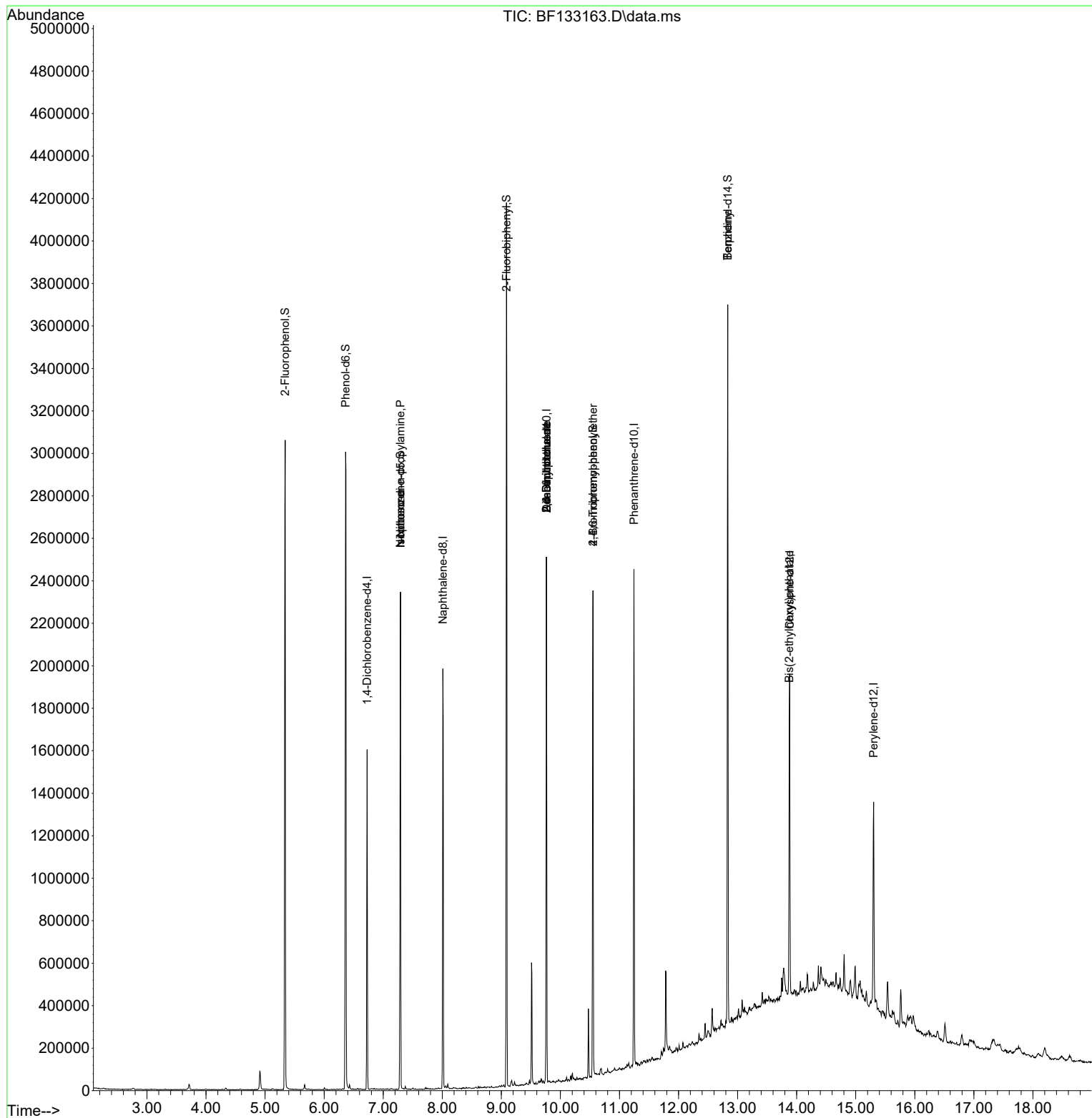
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	207493	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	829634	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	437412	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	767974	20.000	ng	0.00
76) Chrysene-d12	13.880	240	389093	20.000	ng	-0.01
86) Perylene-d12	15.304	264	417423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	871797	63.469	ng	0.00
7) Phenol-d6	6.363	99	1105988	64.872	ng	-0.01
23) Nitrobenzene-d5	7.292	82	679615	44.216	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	265278	60.304	ng	-0.01
45) 2-Fluorobiphenyl	9.086	172	1200489	45.916	ng	-0.01
79) Terphenyl-d14	12.833	244	1136287	50.366	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.275	77	528	Below Cal		94
19) n-Nitroso-di-n-propyla...	7.292	70	90126	8.491 ng	#	74
25) Isophorone	7.292	82	678318	23.244 ng	#	63
50) Dimethylphthalate	9.763	163	85771	2.812 ng	#	1
51) 2,6-Dinitrotoluene	9.763	165	57530	8.381 ng	#	25
57) 2,4-Dinitrotoluene	9.763	165	57530	6.572 ng	#	24
67) 4-Bromophenyl-phenylether	10.551	248	16836	2.021 ng	#	1
77) Benzidine	12.833	184	13994	2.127 ng		98
84) Bis(2-ethylhexyl)phtha...	13.874	149	105731	7.133 ng		96

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

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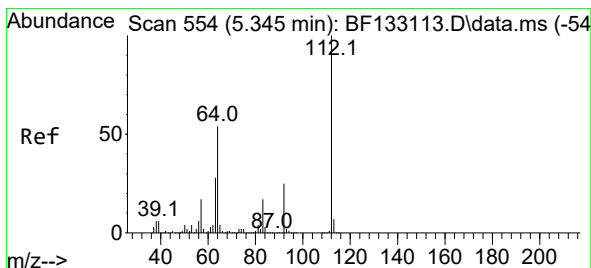
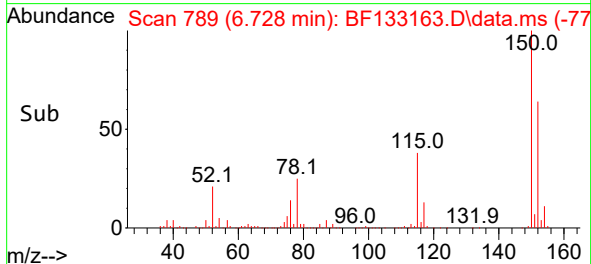
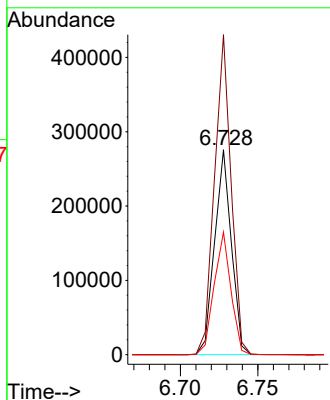
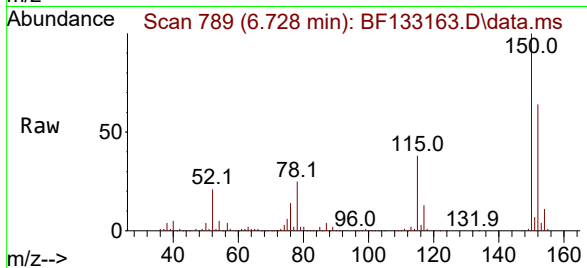




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.005 min
 Lab File: BF133163.D
 Acq: 01 May 2023 19:09

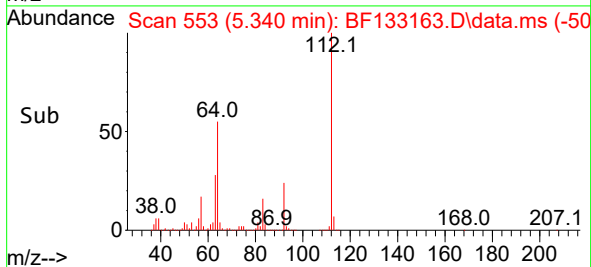
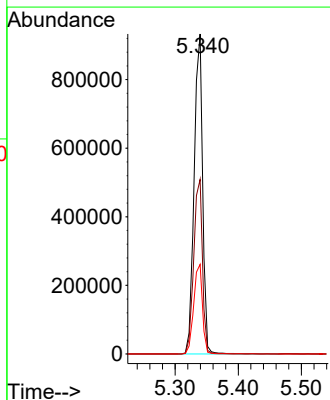
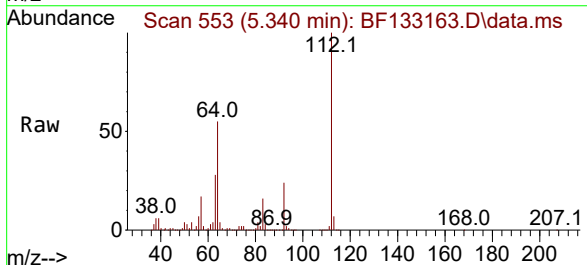
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS013-0006-01

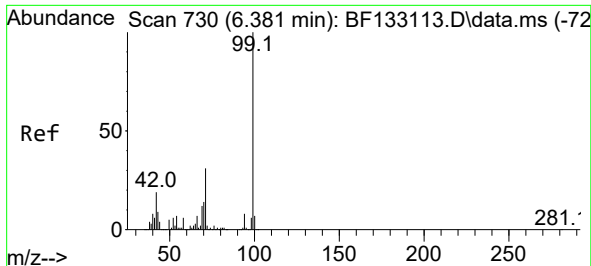
Tgt Ion:152 Resp: 207493
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.8 187.2
 115 59.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 63.469 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.000 min
 Lab File: BF133163.D
 Acq: 01 May 2023 19:09

Tgt Ion:112 Resp: 871797
 Ion Ratio Lower Upper
 112 100
 64 54.5 46.8 70.2
 63 28.0 23.8 35.8

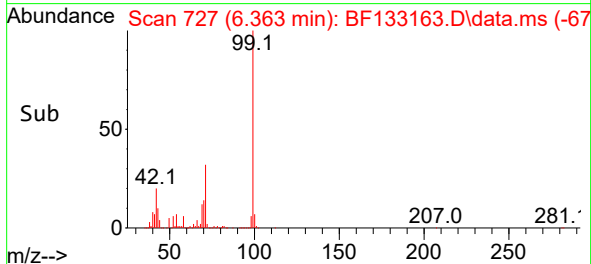
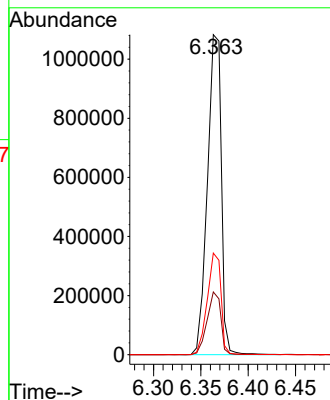
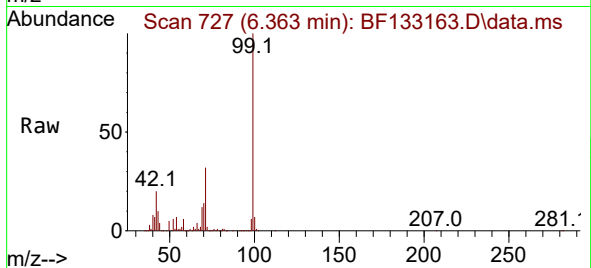




#7
Phenol-d6
Concen: 64.872 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133163.D
Acq: 01 May 2023 19:09

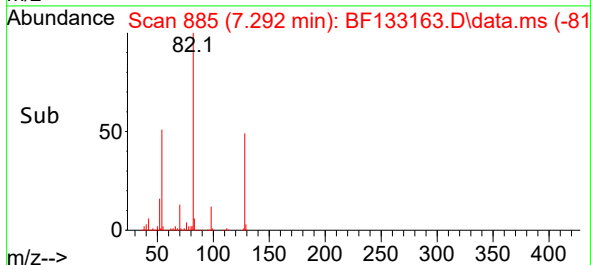
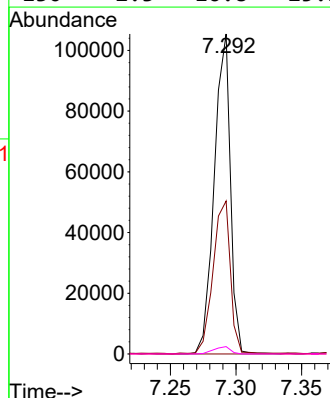
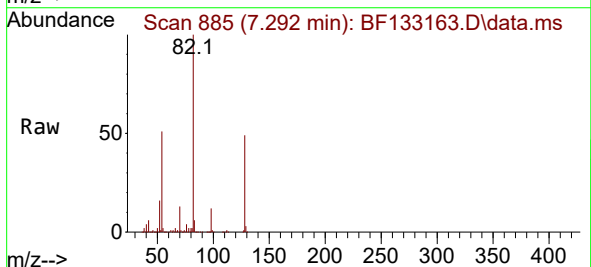
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ClientSampleId :
P001-SS013-0006-01

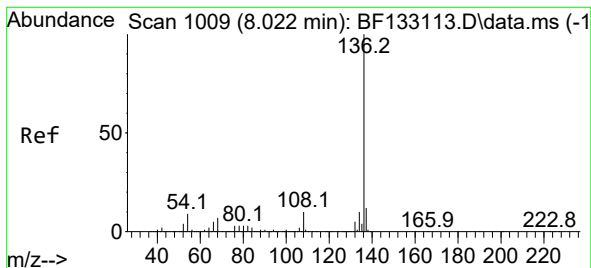
Tgt Ion: 99 Resp: 1105988
Ion Ratio Lower Upper
99 100
42 19.6 16.3 24.5
71 31.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.491 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.135 min
Lab File: BF133163.D
Acq: 01 May 2023 19:09

Tgt Ion: 70 Resp: 90126
Ion Ratio Lower Upper
70 100
42 47.8 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# 1007

Delta R.T. -0.006 min

Lab File: BF133163.D

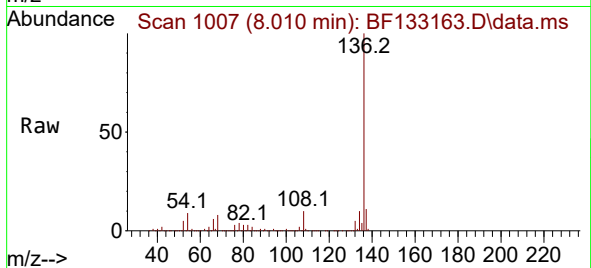
Acq: 01 May 2023 19:09

Instrument :

BNA_F

ClientSampleId :

P001-SS013-0006-01



Tgt Ion:136 Resp: 829634

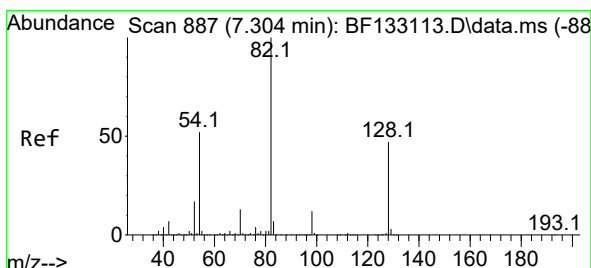
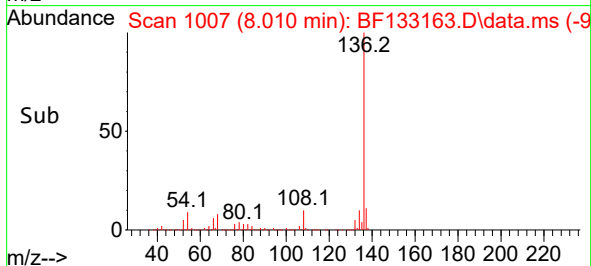
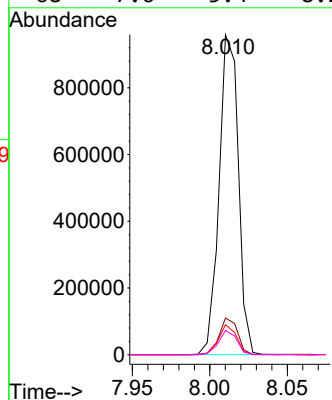
Ion Ratio Lower Upper

136 100

137 11.5 8.6 13.0

54 9.4 7.0 10.4

68 7.6 5.4 8.2



#23

Nitrobenzene-d5

Concen: 44.216 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.012 min

Lab File: BF133163.D

Acq: 01 May 2023 19:09

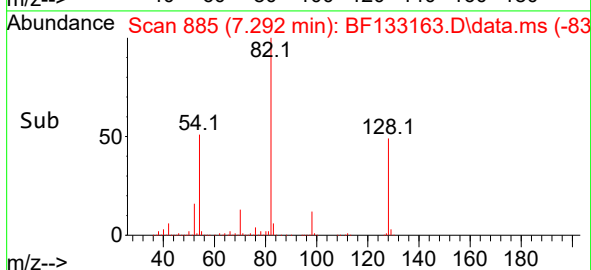
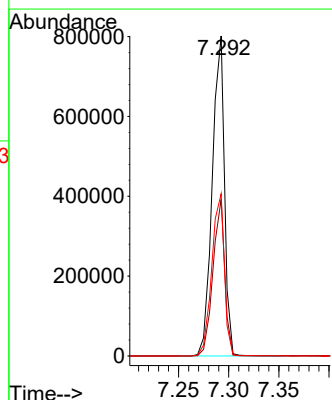
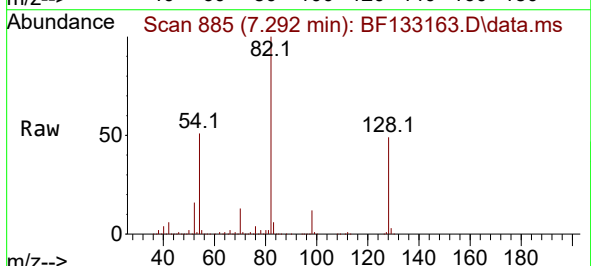
Tgt Ion: 82 Resp: 679615

Ion Ratio Lower Upper

82 100

128 48.9 37.7 56.5

54 50.7 43.0 64.4

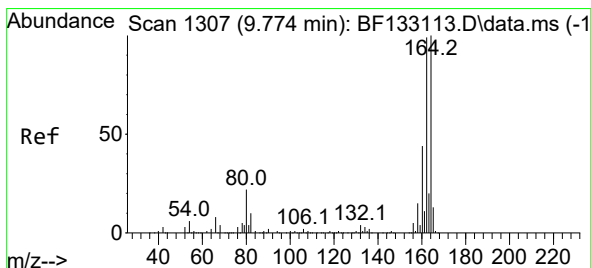
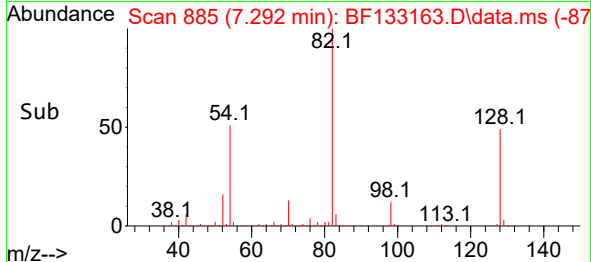
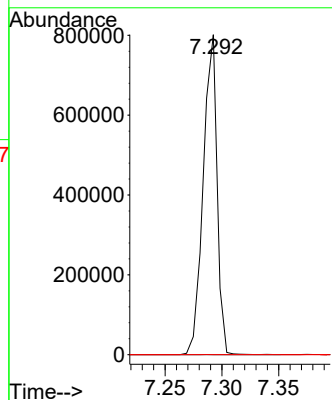
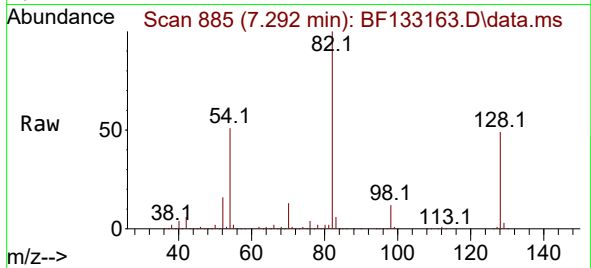




#25
Isophorone
Concen: 23.244 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF133163.D
Acq: 01 May 2023 19:09

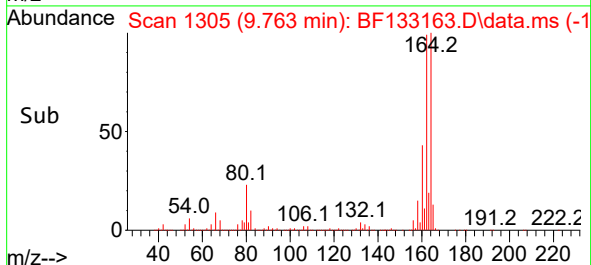
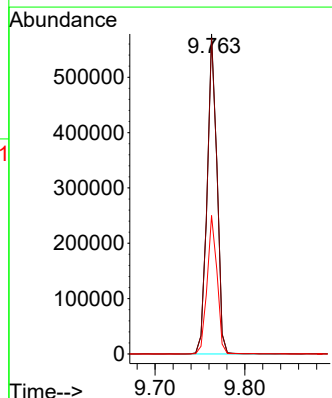
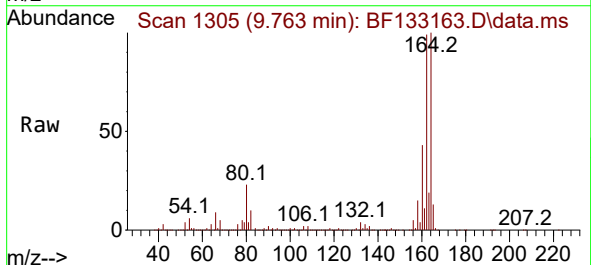
Instrument :
BNA_F
ClientSampleId :
P001-SS013-0006-01

Tgt Ion: 82 Resp: 678318
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. -0.006 min
Lab File: BF133163.D
Acq: 01 May 2023 19:09

Tgt Ion: 164 Resp: 437412
Ion Ratio Lower Upper
164 100
162 98.7 78.7 118.1
160 43.3 35.8 53.6

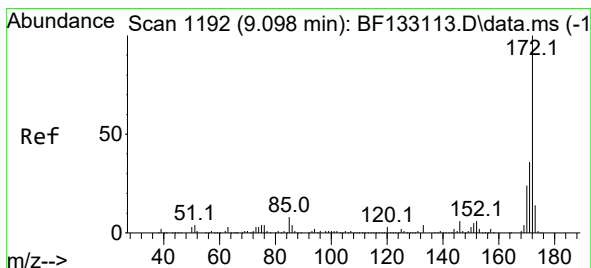
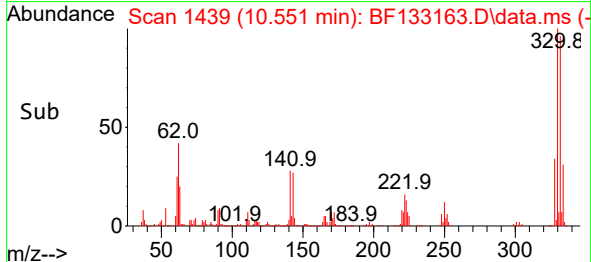
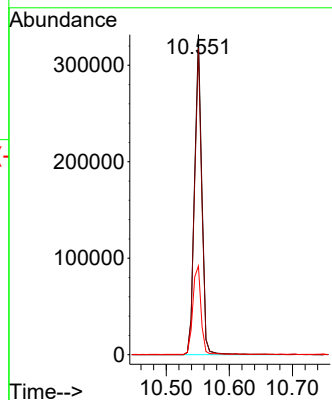
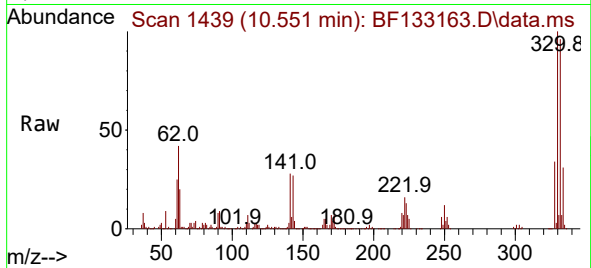




#42
2,4,6-Tribromophenol
Concen: 60.304 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133163.D
Acq: 01 May 2023 19:09

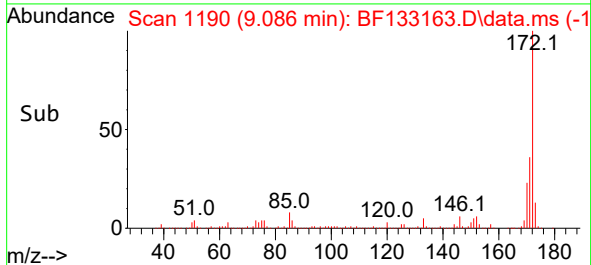
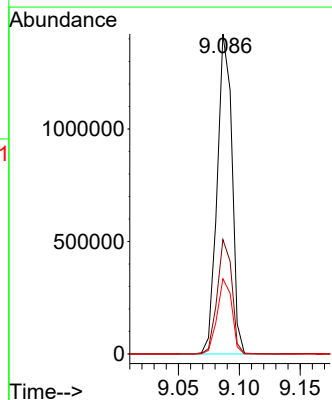
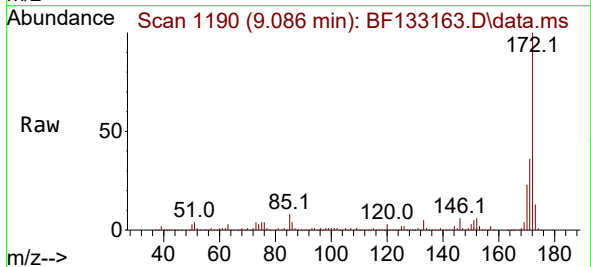
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ClientSampleId :
P001-SS013-0006-01

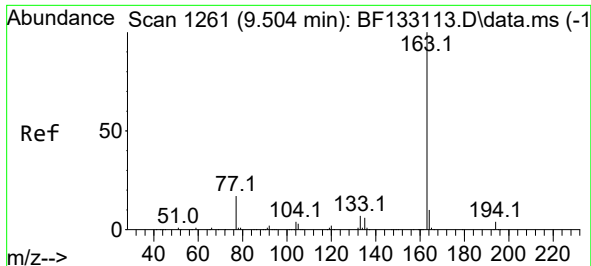
Tgt Ion:330 Resp: 265278
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 31.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 45.916 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF133163.D
Acq: 01 May 2023 19:09

Tgt Ion:172 Resp: 1200489
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.5 19.4 29.2

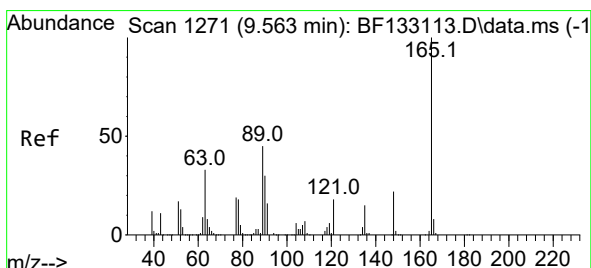
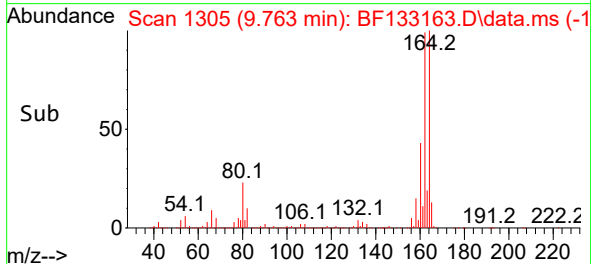
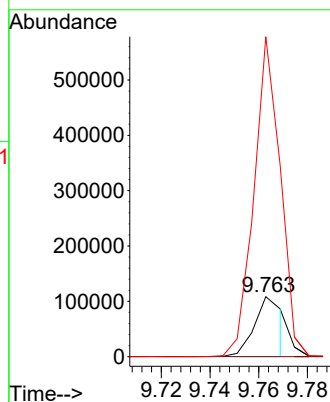
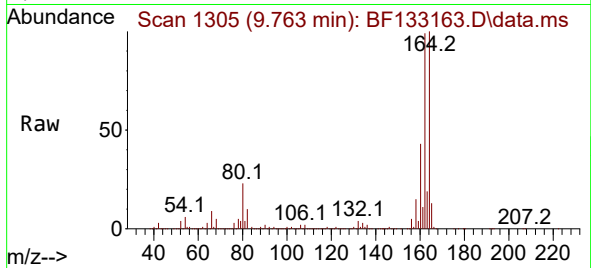




#50
Dimethylphthalate
Concen: 2.812 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.265 min
Lab File: BF133163.D
Acq: 01 May 2023 19:09

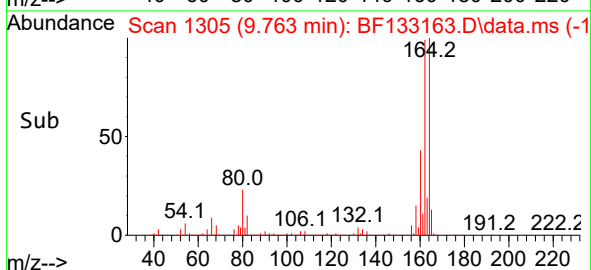
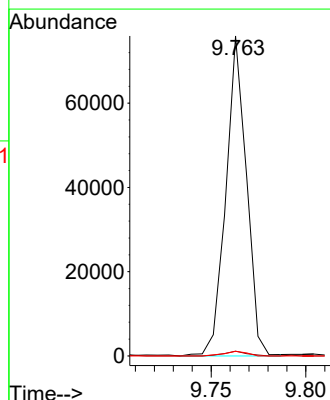
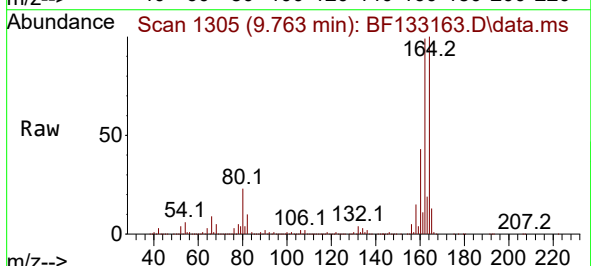
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BNA_F
ClientSampleId :
P001-SS013-0006-01

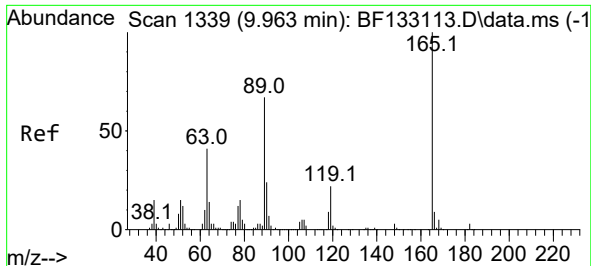
Tgt Ion:163 Resp: 85771
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 533.1 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.381 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.206 min
Lab File: BF133163.D
Acq: 01 May 2023 19:09

Tgt Ion:165 Resp: 57530
Ion Ratio Lower Upper
165 100
63 1.5 45.9 68.9#
89 1.5 44.0 66.0#

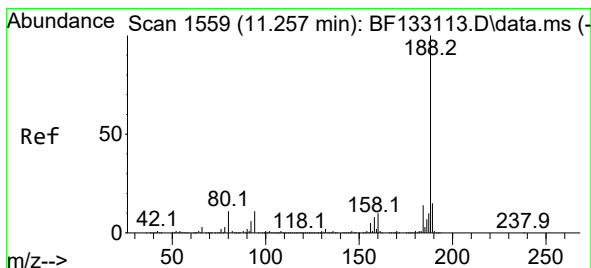
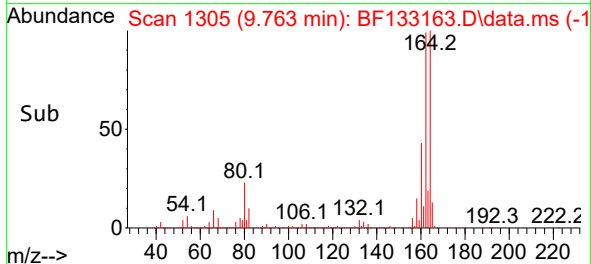
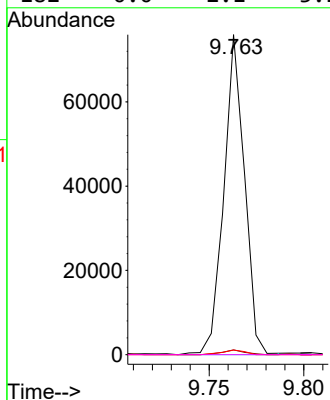
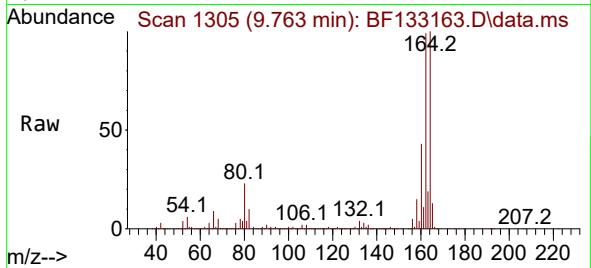




#57
2,4-Dinitrotoluene
Concen: 6.572 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133163.D
Acq: 01 May 2023 19:09

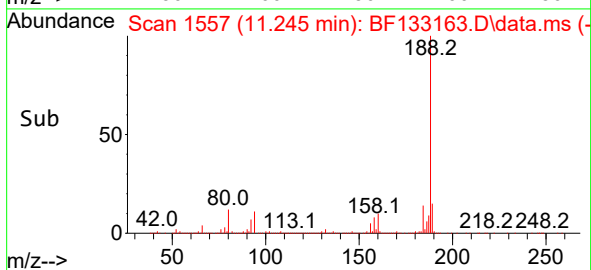
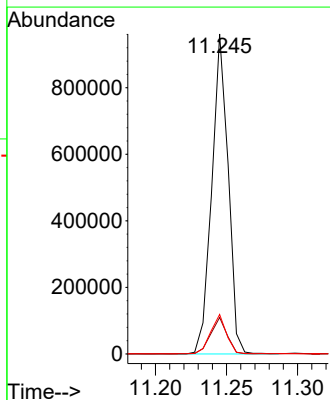
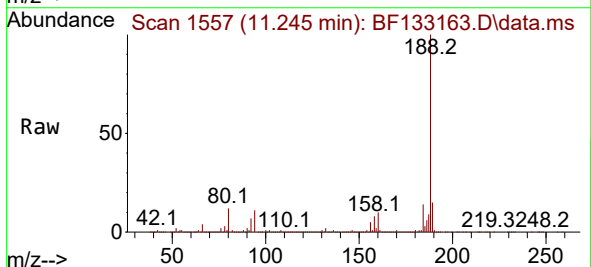
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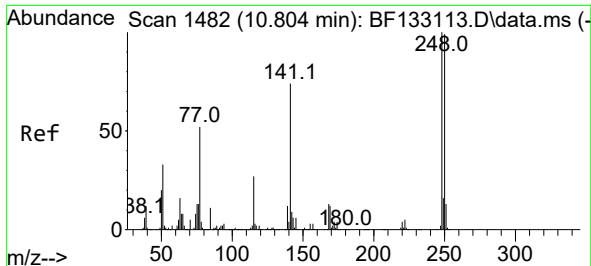
Tgt Ion:165 Resp: 57530
Ion Ratio Lower Upper
165 100
63 1.5 37.7 56.5#
89 1.5 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF133163.D
Acq: 01 May 2023 19:09

Tgt Ion:188 Resp: 767974
Ion Ratio Lower Upper
188 100
94 11.4 9.7 14.5
80 12.3 10.4 15.6

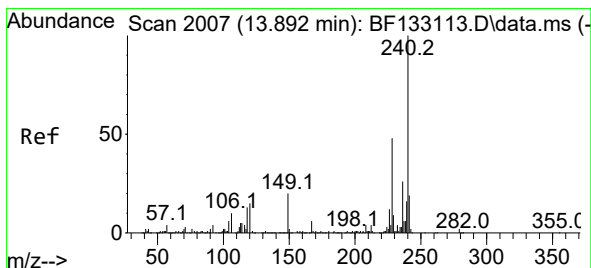
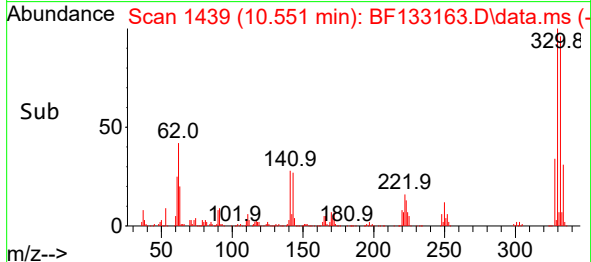
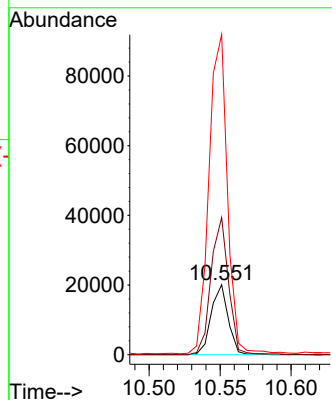
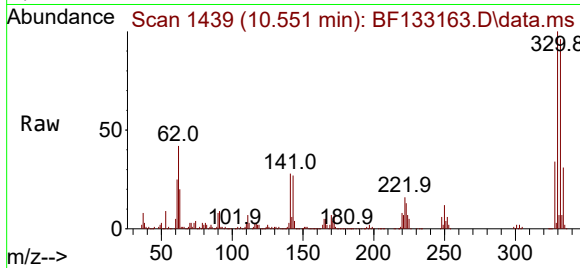




#67
4-Bromophenyl-phenylether
Concen: 2.021 ng
RT: 10.551 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF133163.D
Acq: 01 May 2023 19:09

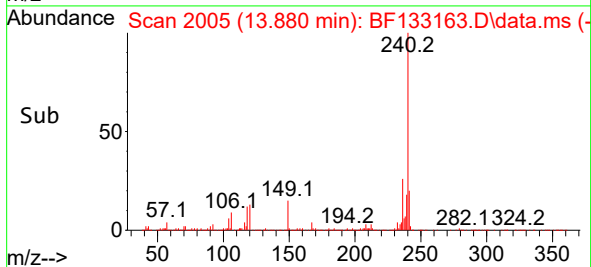
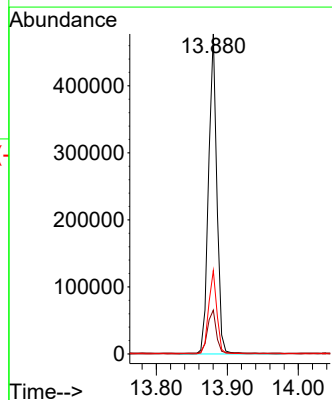
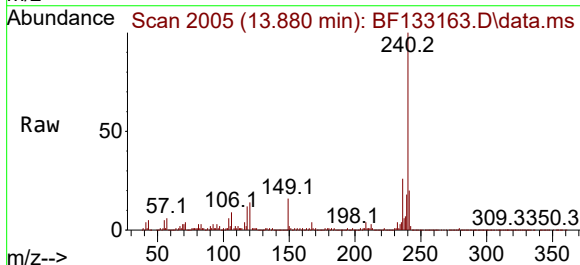
Instrument :
BNA_F
ClientSampleId :
P001-SS013-0006-01

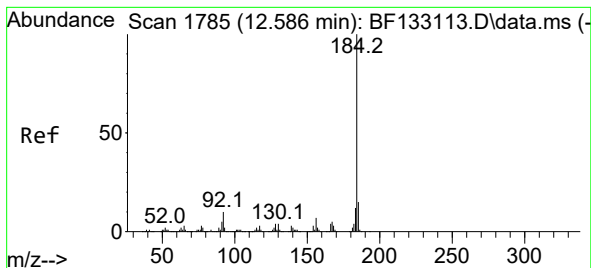
Tgt Ion:248 Resp: 16836
Ion Ratio Lower Upper
248 100
250 196.3 78.7 118.1#
141 457.9 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133163.D
Acq: 01 May 2023 19:09

Tgt Ion:240 Resp: 389093
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 26.0 21.5 32.3





#77

Benzidine

Concen: 2.127 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.247 min

Lab File: BF133163.D

Acq: 01 May 2023 19:09

Instrument :

BNA_F

ClientSampleId :

P001-SS013-0006-01

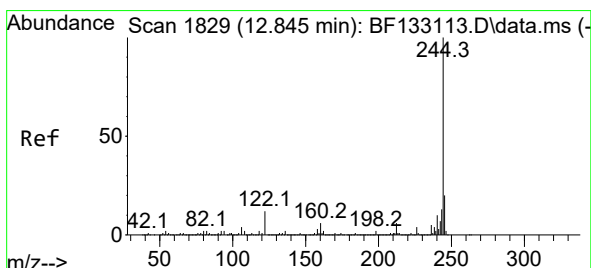
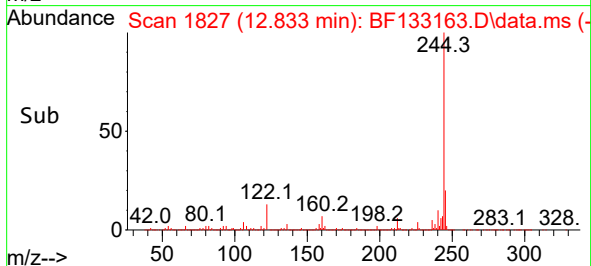
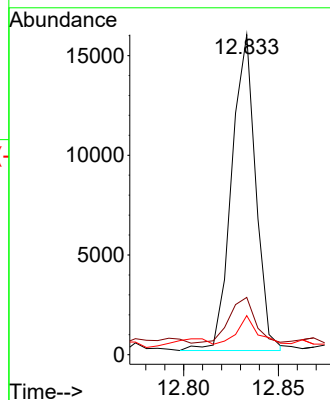
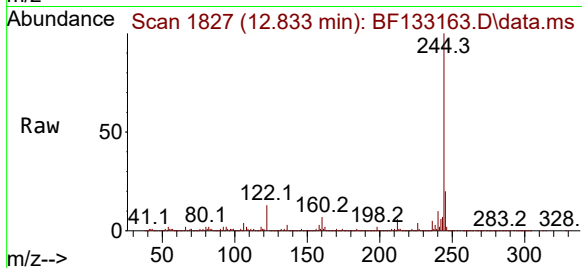
Tgt Ion:184 Resp: 13994

Ion Ratio Lower Upper

184 100

185 17.9 15.4 23.2

183 12.2 9.4 14.0



#79

Terphenyl-d14

Concen: 50.366 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF133163.D

Acq: 01 May 2023 19:09

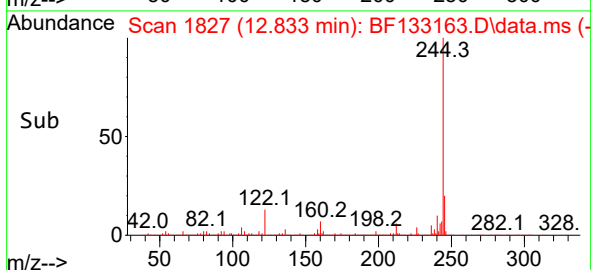
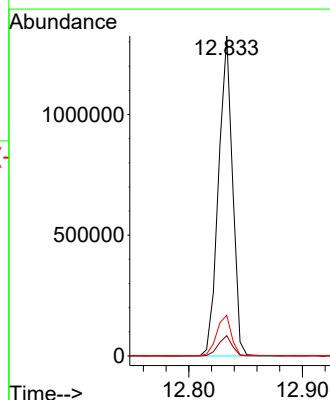
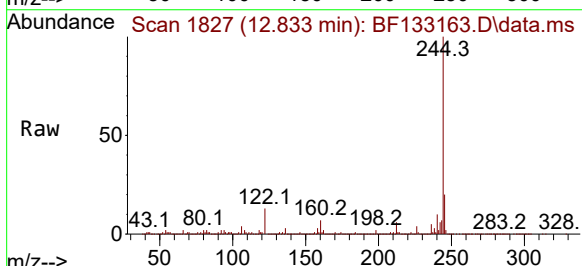
Tgt Ion:244 Resp: 1136287

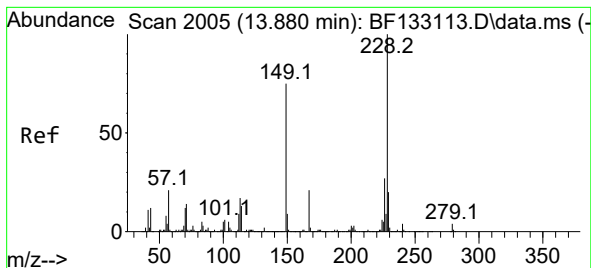
Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 12.7 8.6 13.0

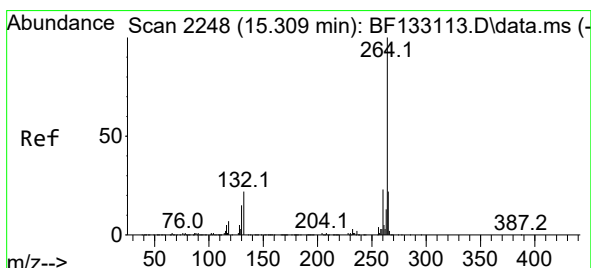
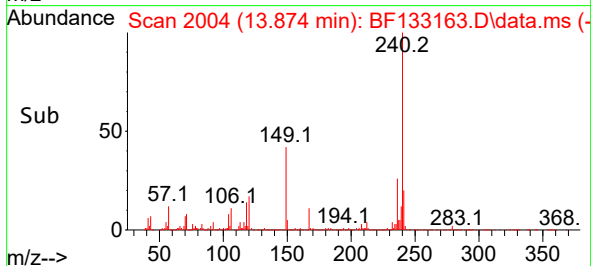
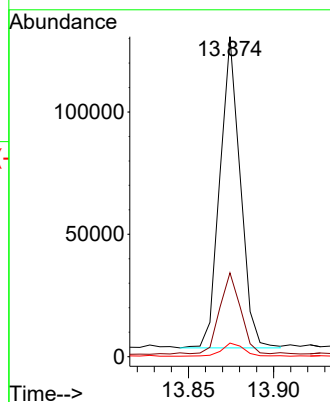
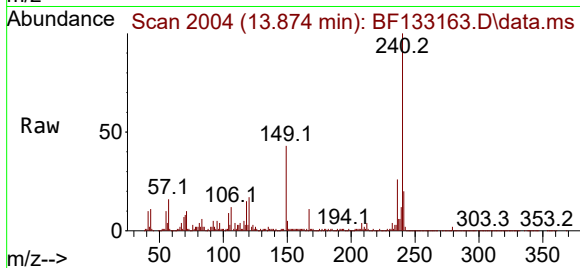




#84
Bis(2-ethylhexyl)phthalate
Concen: 7.133 ng
RT: 13.874 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133163.D
Acq: 01 May 2023 19:09

Instrument :
BNA_F
ClientSampleId :
P001-SS013-0006-01

Tgt Ion:149 Resp: 105731
Ion Ratio Lower Upper
149 100
167 26.2 22.5 33.7
279 4.3 4.2 6.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF133163.D
Acq: 01 May 2023 19:09

Tgt Ion:264 Resp: 417423
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 22.0 17.0 25.4

