

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133256.D
 Acq On : 05 May 2023 10:22
 Operator : CG\JU
 Sample : PB152569BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152569BL

Quant Time: May 06 05:45:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

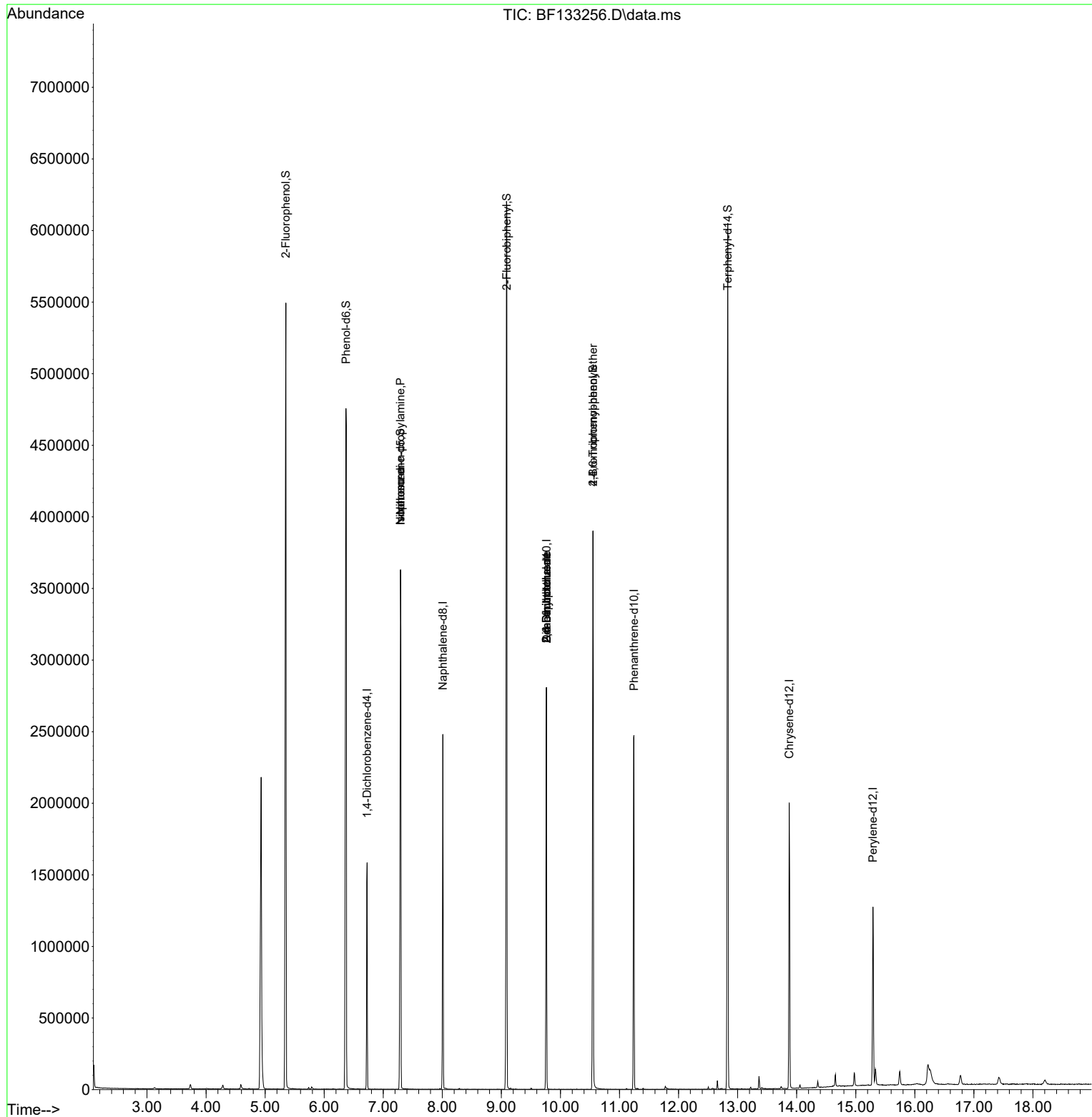
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	223369	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	954716	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	522801	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	933508	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	626083	20.000	ng	0.00
86) Perylene-d12	15.292	264	516235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1783731	120.631	ng	0.02
7) Phenol-d6	6.369	99	2165341	117.981	ng	0.00
23) Nitrobenzene-d5	7.292	82	1338682	75.685	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	545557	103.762	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2190525	70.098	ng	0.00
79) Terphenyl-d14	12.833	244	2514044	69.254	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.375	77	3077	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.292	70	179064	15.672	ng	# 77
25) Isophorone	7.292	82	1338666	39.862	ng	# 63
50) Dimethylphthalate	9.763	163	108613	2.979	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	68240	8.317	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	68240	6.522	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	33345	3.294	ng	# 1

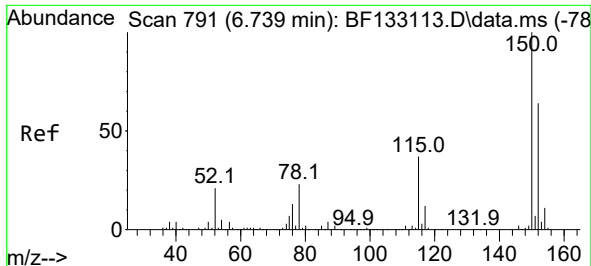
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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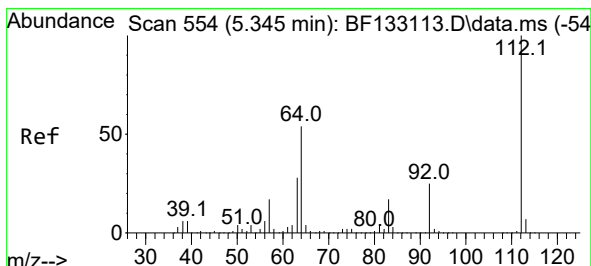
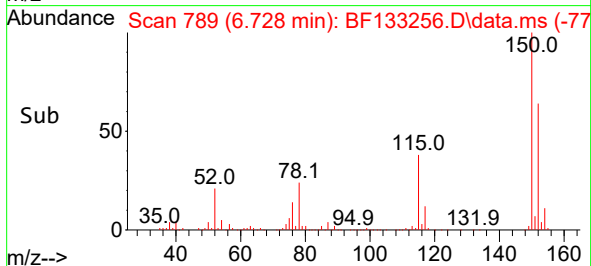
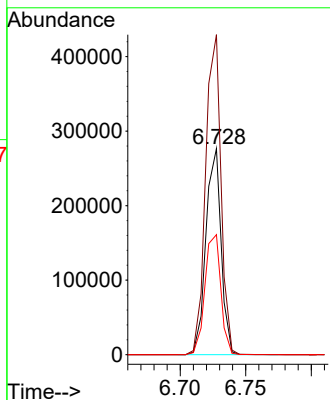
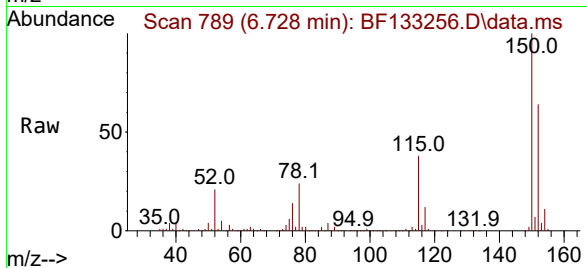




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

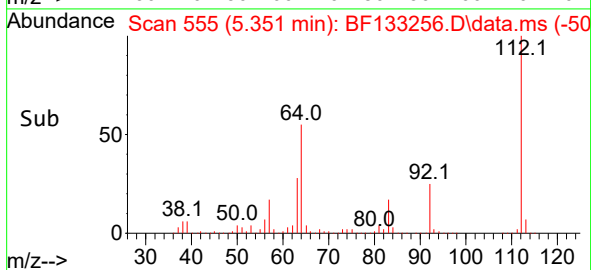
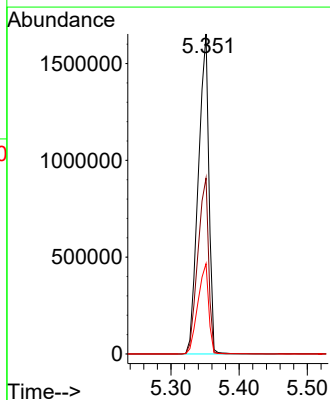
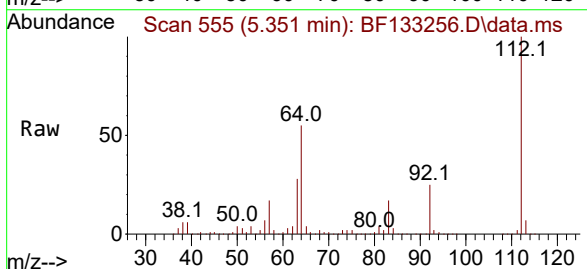
Instrument :
BNA_F
ClientSampleId :
PB152569BL

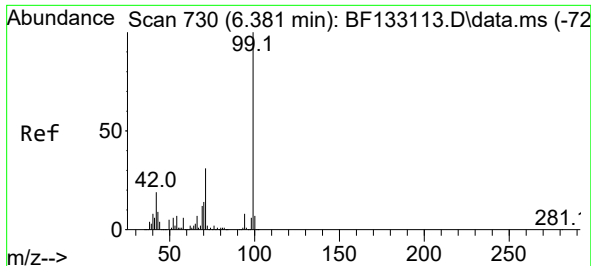
Tgt Ion:152 Resp: 223369
Ion Ratio Lower Upper
152 100
150 155.3 124.8 187.2
115 58.3 49.9 74.9



#5
2-Fluorophenol
Concen: 120.631 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

Tgt Ion:112 Resp: 1783731
Ion Ratio Lower Upper
112 100
64 54.9 46.8 70.2
63 28.2 23.8 35.8

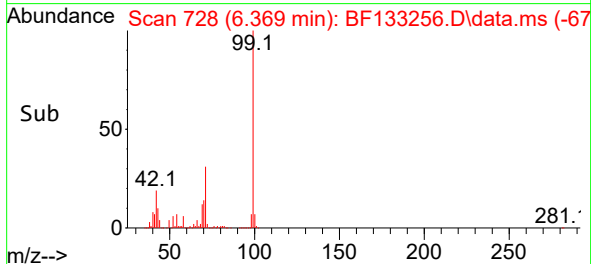
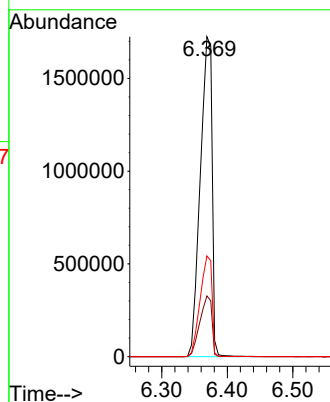
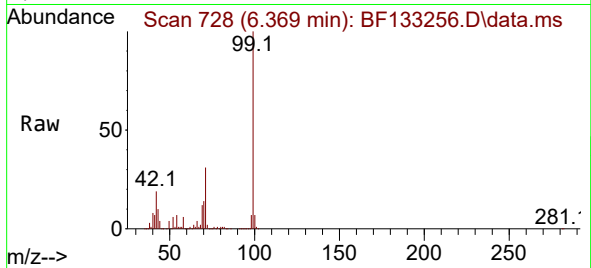




#7
Phenol-d6
Concen: 117.981 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

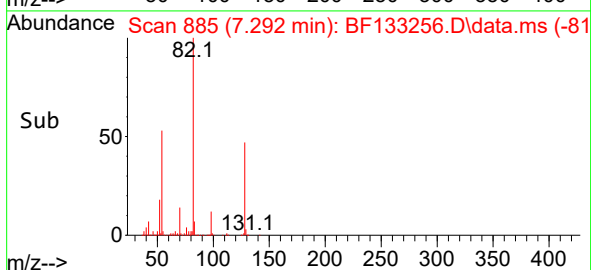
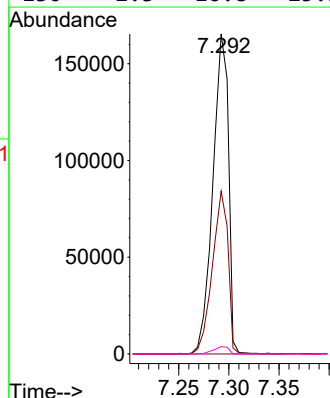
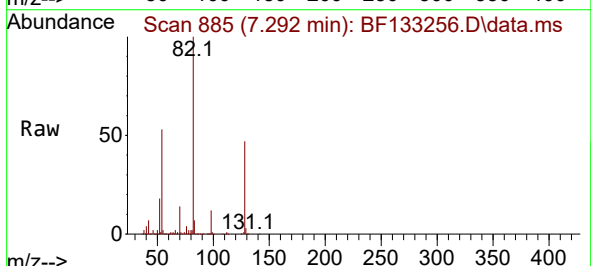
Instrument :
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ClientSampleId :
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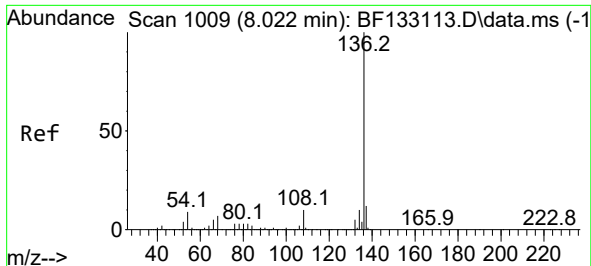
Tgt Ion: 99 Resp: 2165341
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 31.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.672 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

Tgt Ion: 70 Resp: 179064
Ion Ratio Lower Upper
70 100
42 50.9 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#



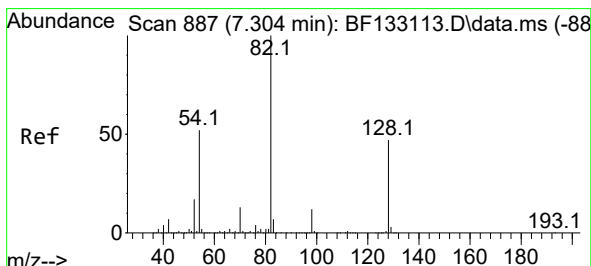
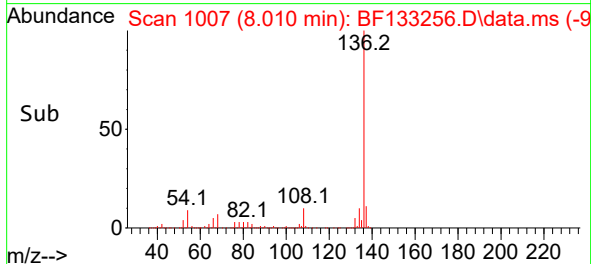
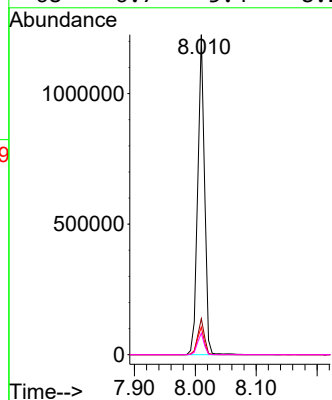
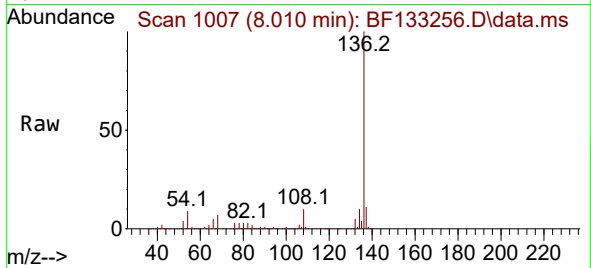


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

Instrument :
BNA_F
ClientSampleId :
PB152569BL

Tgt Ion:136 Resp: 954716

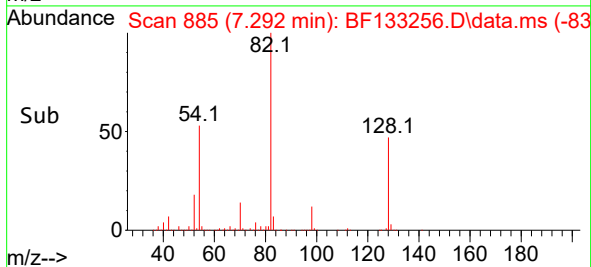
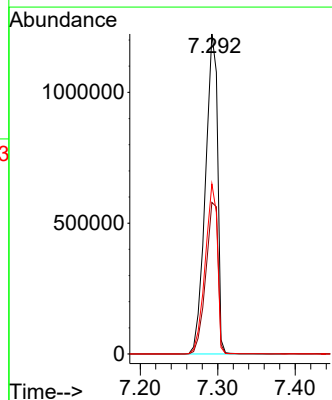
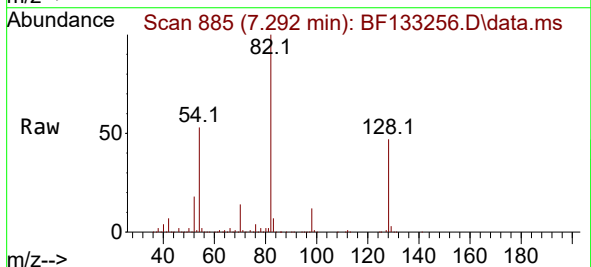
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.7	7.0	10.4
68	6.7	5.4	8.2

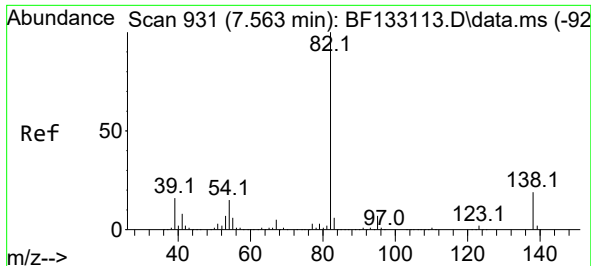


#23
Nitrobenzene-d5
Concen: 75.685 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

Tgt Ion: 82 Resp: 1338682

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.7	56.5
54	53.2	43.0	64.4

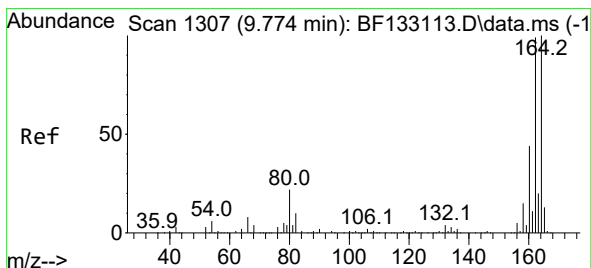
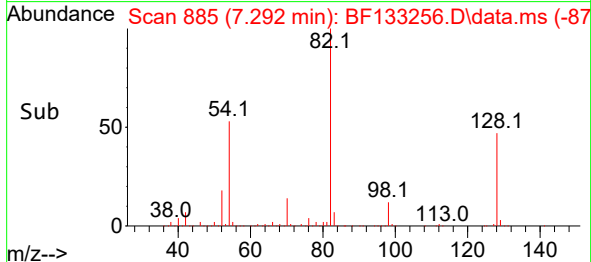
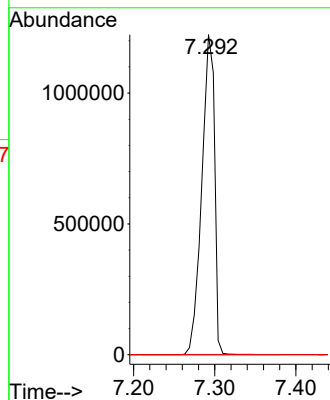
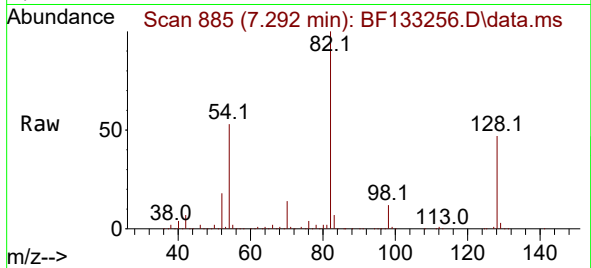




#25
Isophorone
Concen: 39.862 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

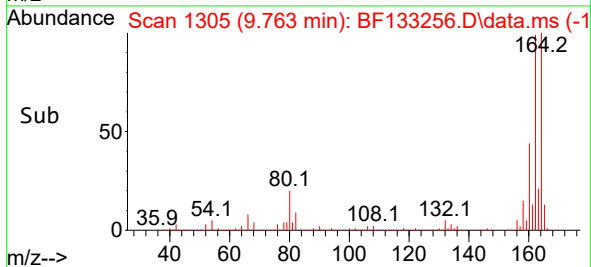
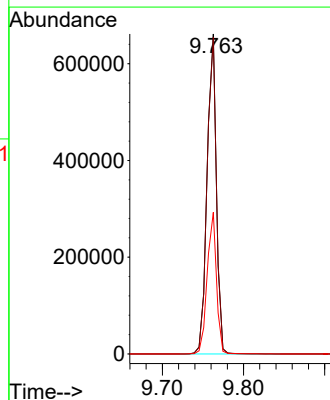
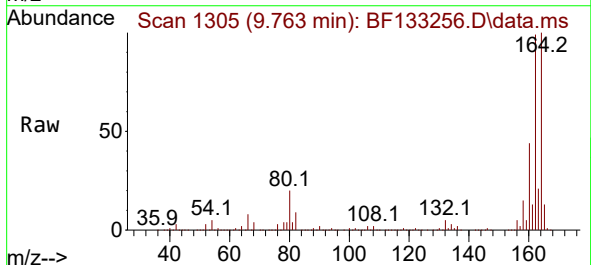
Instrument :
BNA_F
ClientSampleId :
PB152569BL

Tgt Ion: 82 Resp: 1338666
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. -0.000 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

Tgt Ion: 164 Resp: 522801
Ion Ratio Lower Upper
164 100
162 98.9 78.7 118.1
160 44.2 35.8 53.6

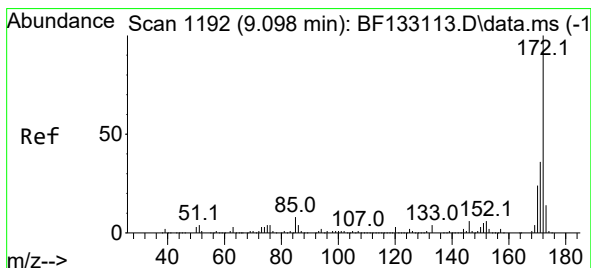
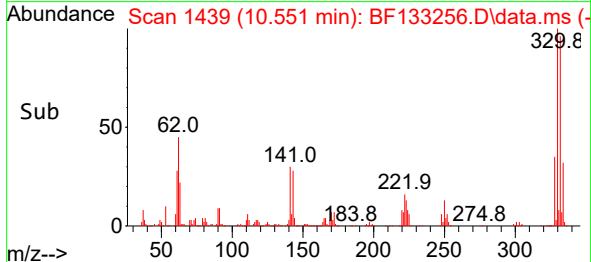
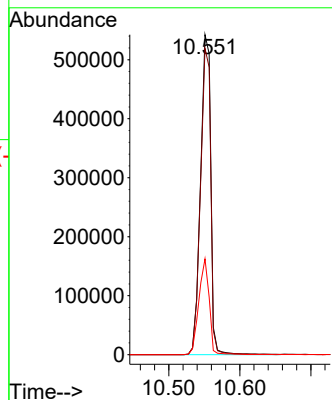
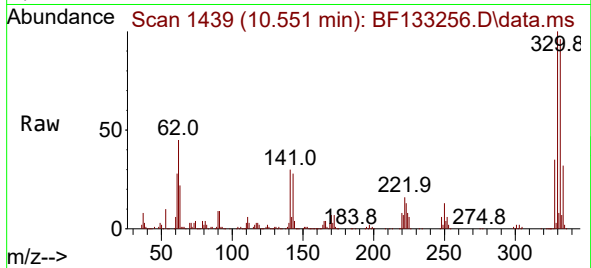




#42
2,4,6-Tribromophenol
Concen: 103.762 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

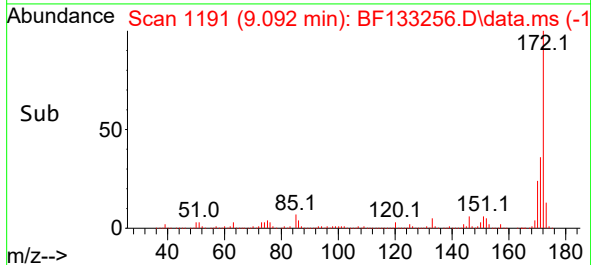
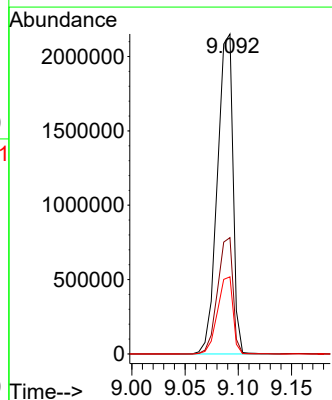
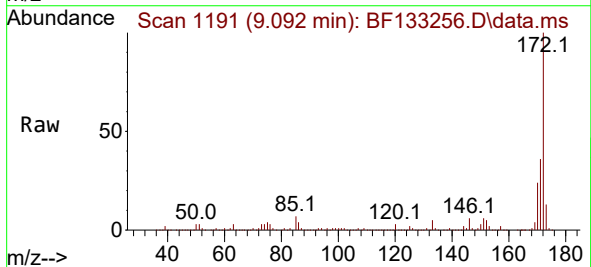
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BNA_F
ClientSampleId :
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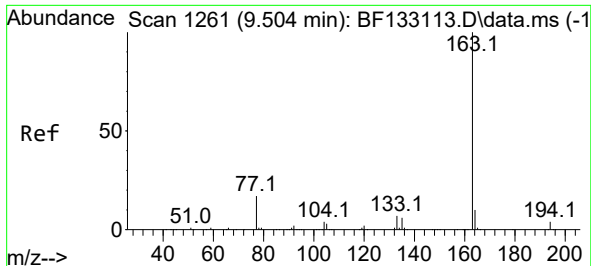
Tgt Ion:330 Resp: 545557
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 30.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 70.098 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

Tgt Ion:172 Resp: 2190525
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.1 19.4 29.2

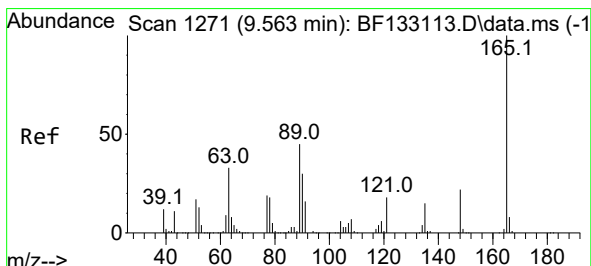
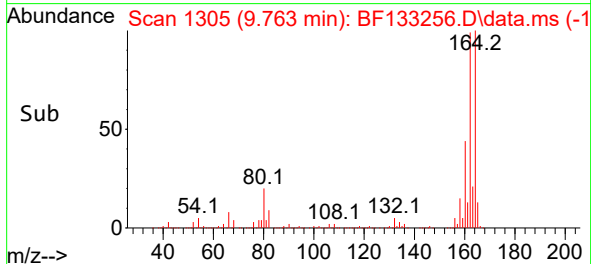
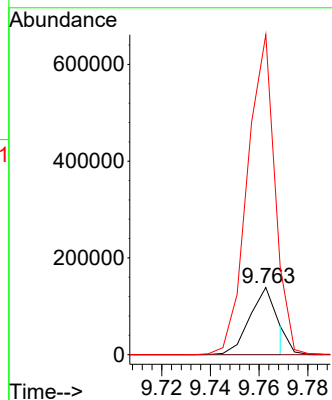
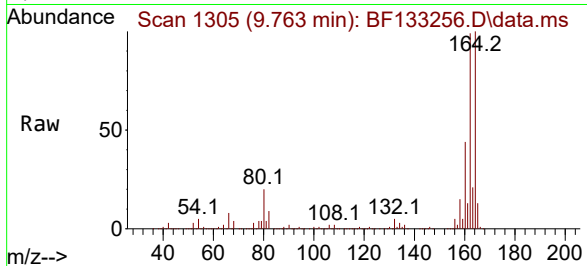




#50
Dimethylphthalate
Concen: 2.979 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.270 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

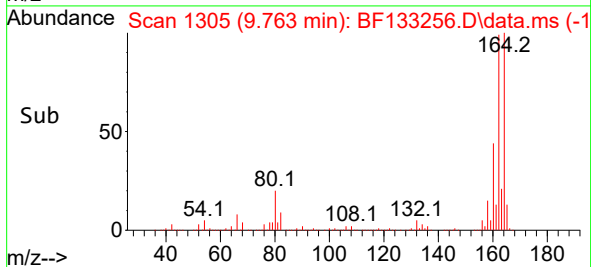
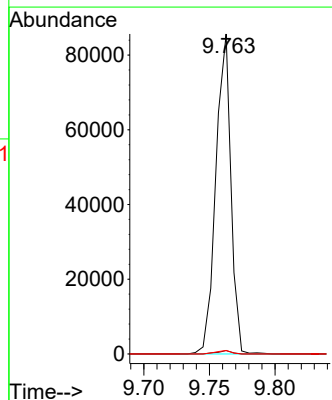
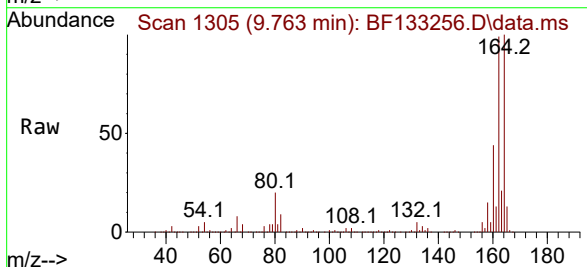
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ClientSampleId :
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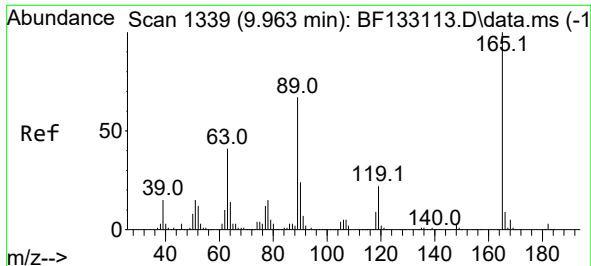
Tgt Ion:163 Resp: 108613
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 475.9 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.317 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.212 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

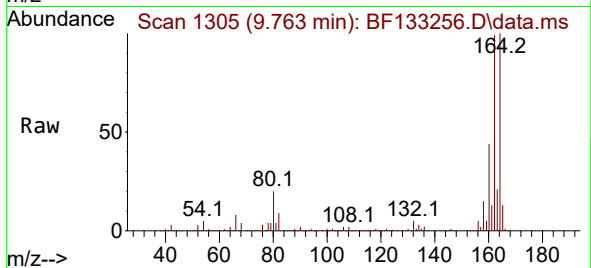
Tgt Ion:165 Resp: 68240
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.1 44.0 66.0#



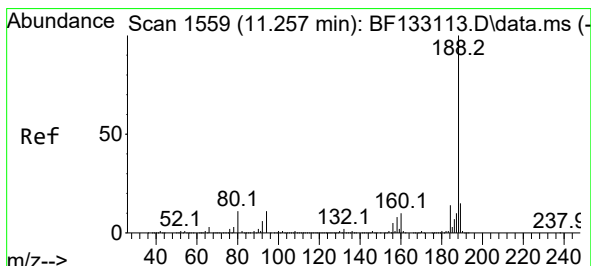
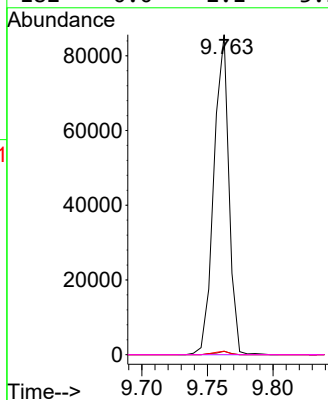
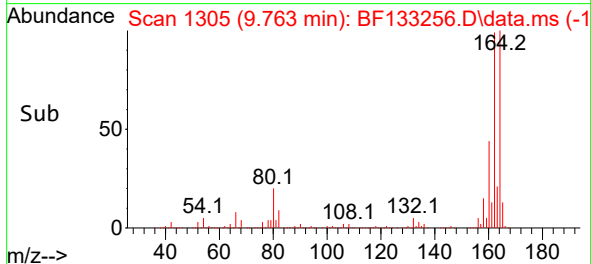


#57
2,4-Dinitrotoluene
Concen: 6.522 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

Instrument :
BNA_F
ClientSampleId :
PB152569BL

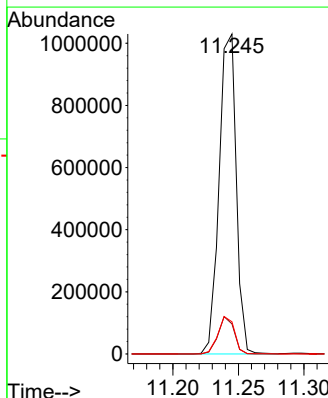
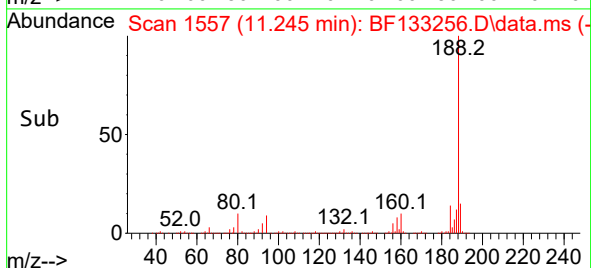
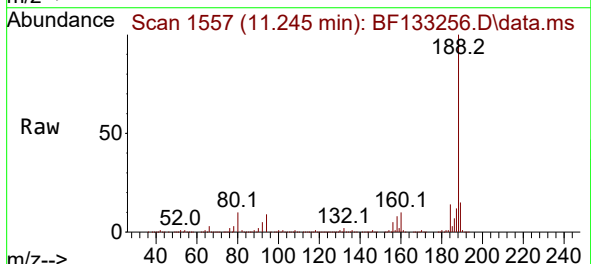


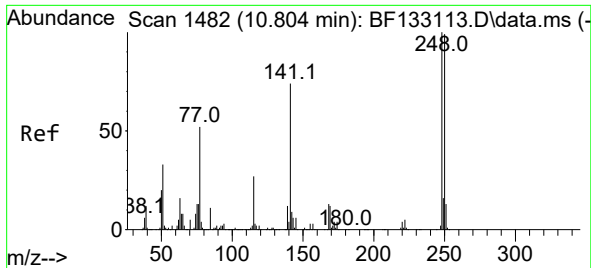
Tgt Ion:165 Resp: 68240
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

Tgt Ion:188 Resp: 933508
Ion Ratio Lower Upper
188 100
94 9.4 9.7 14.5#
80 10.0 10.4 15.6#

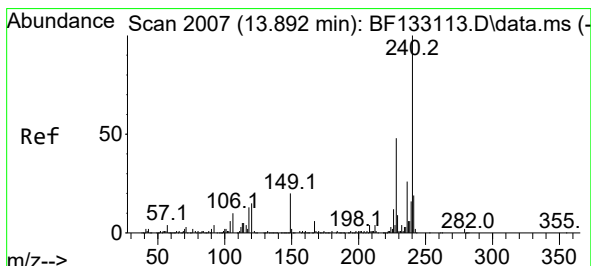
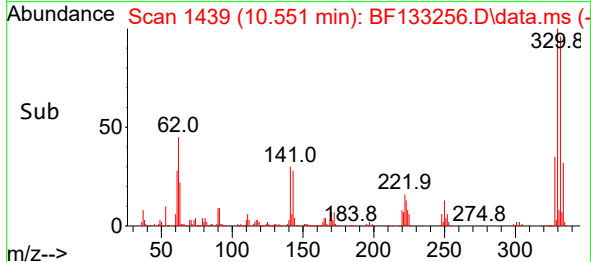
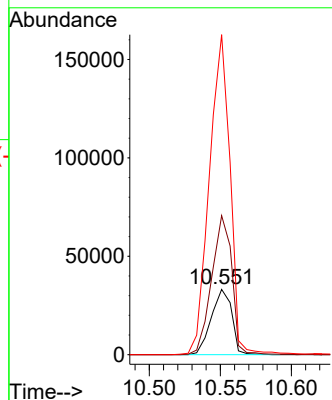
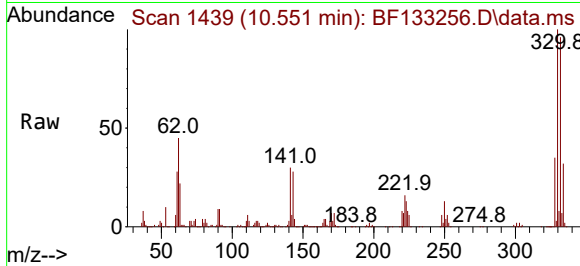




#67
4-Bromophenyl-phenylether
Concen: 3.294 ng
RT: 10.551 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

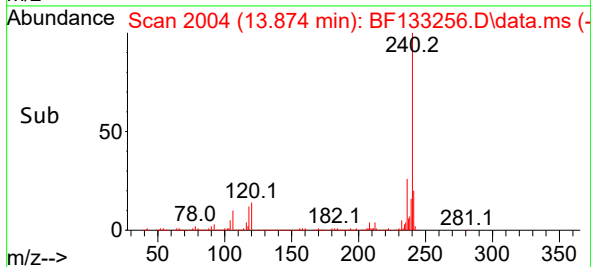
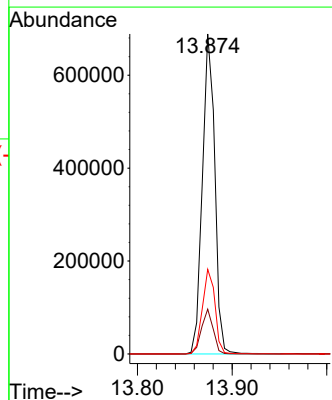
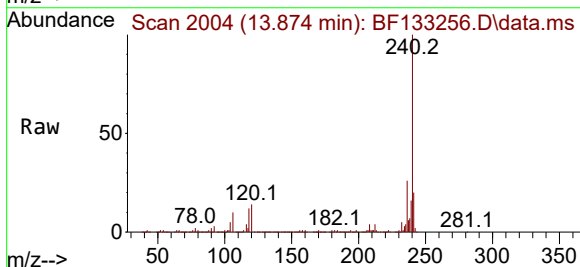
Instrument :
BNA_F
ClientSampleId :
PB152569BL

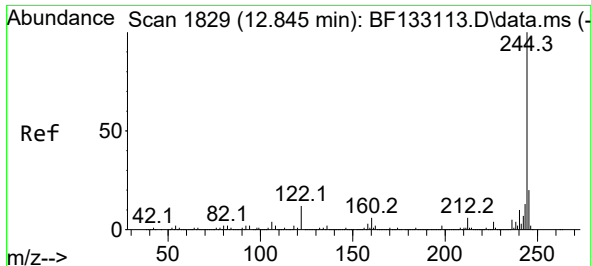
Tgt Ion:248 Resp: 33345
Ion Ratio Lower Upper
248 100
250 212.8 78.7 118.1#
141 490.0 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133256.D
Acq: 05 May 2023 10:22

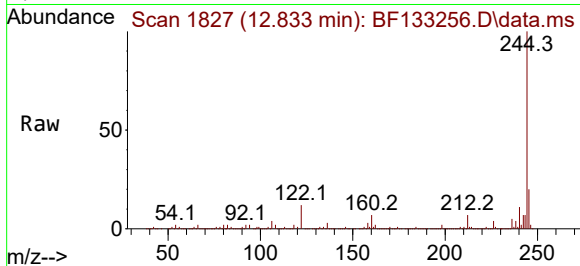
Tgt Ion:240 Resp: 626083
Ion Ratio Lower Upper
240 100
120 14.0 10.5 15.7
236 26.4 21.5 32.3



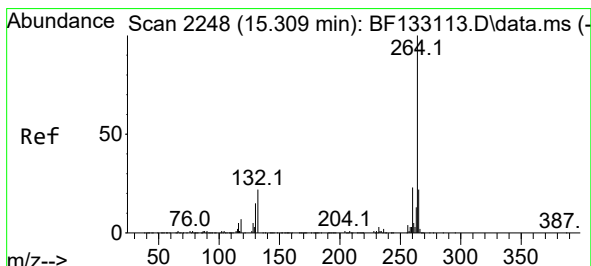
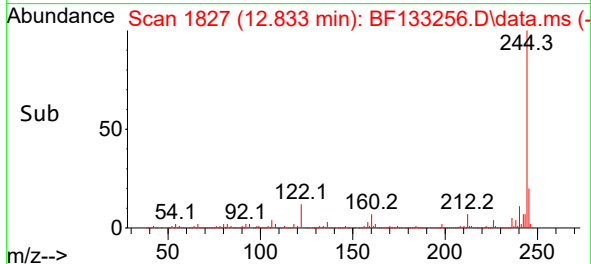
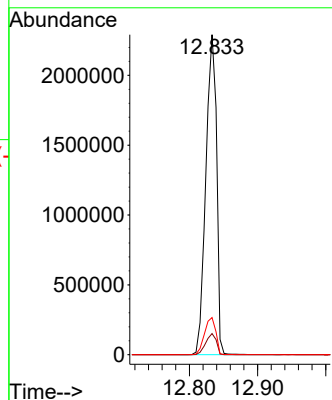


#79
 Terphenyl-d14
 Concen: 69.254 ng
 RT: 12.833 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133256.D
 Acq: 05 May 2023 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB152569BL



Tgt Ion:244 Resp: 2514044
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.6 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: BF133256.D
 Acq: 05 May 2023 10:22

Tgt Ion:264 Resp: 516235
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.4 17.0 25.4

