

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133350.D
 Acq On : 11 May 2023 12:17
 Operator : CG\JU
 Sample : PB152690BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152690BL

Quant Time: May 11 13:10:47 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)

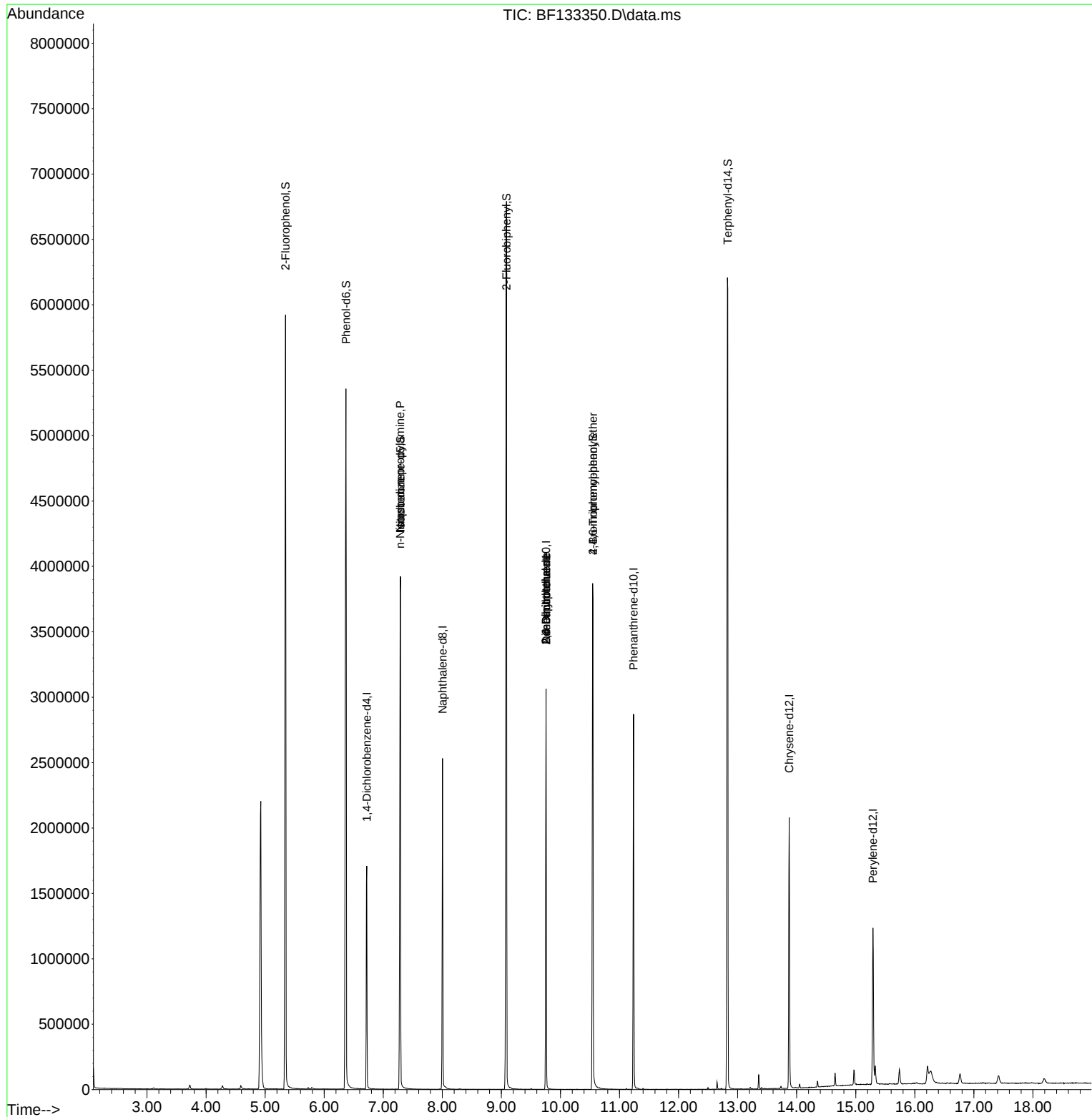
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	256556	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1055277	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	565169	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1017588	20.000	ng	0.00
76) Chrysene-d12	13.874	240	679088	20.000	ng	0.00
86) Perylene-d12	15.292	264	550400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1954530	115.083	ng	0.02
7) Phenol-d6	6.369	99	2422377	114.912	ng	0.00
23) Nitrobenzene-d5	7.292	82	1477949	75.596	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	576697	101.462	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2414725	71.480	ng	0.00
79) Terphenyl-d14	12.833	244	2710617	68.841	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	3797	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.287	70	197072	15.017	ng	# 78
25) Isophorone	7.292	82	1472315	39.664	ng	# 63
50) Dimethylphthalate	9.757	163	113813	2.888	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	73554	8.293	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	73554	6.503	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	37271	3.377	ng	# 1

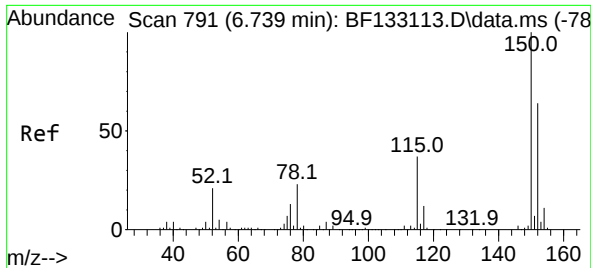
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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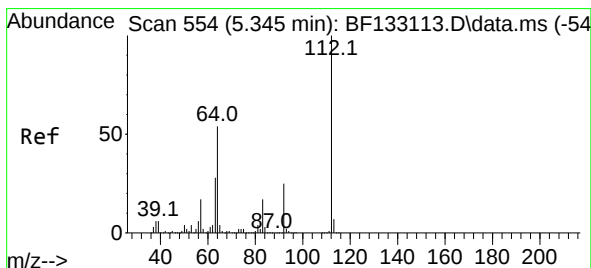
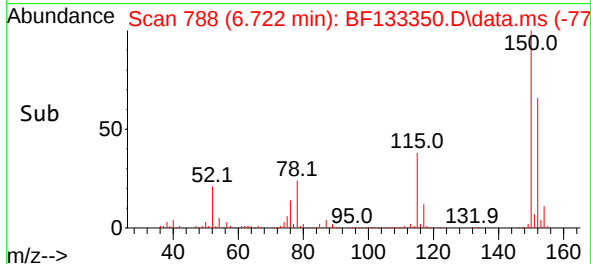
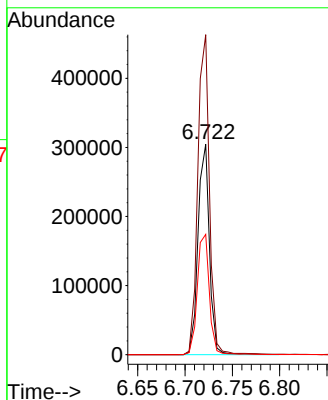
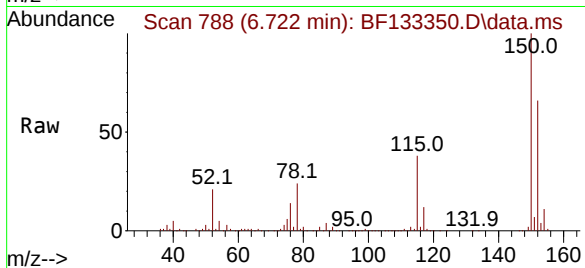




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133350.D
 Acq: 11 May 2023 12:17

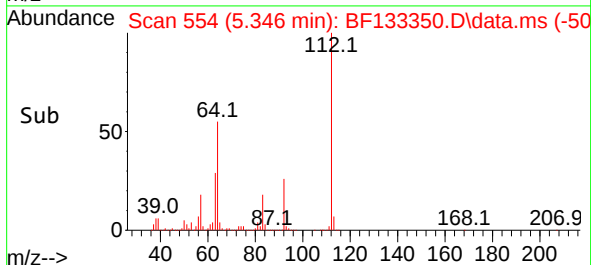
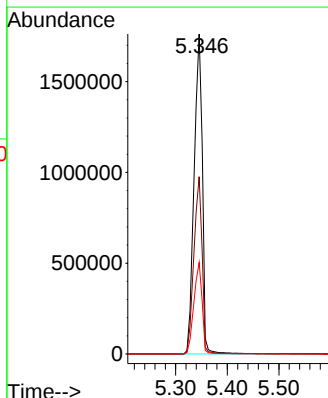
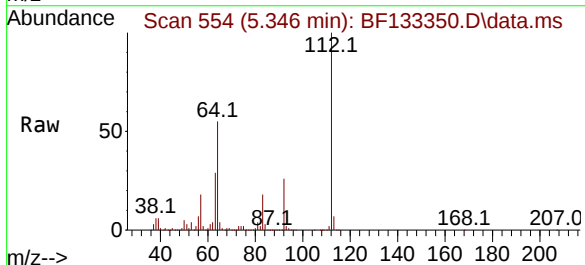
Instrument :
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 ClientSampleId :
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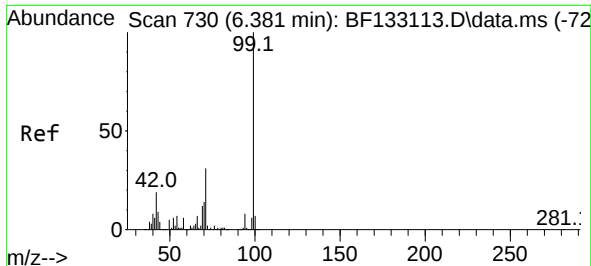
Tgt Ion:152 Resp: 256556
 Ion Ratio Lower Upper
 152 100
 150 152.1 124.8 187.2
 115 57.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 115.083 ng
 RT: 5.346 min Scan# 554
 Delta R.T. 0.018 min
 Lab File: BF133350.D
 Acq: 11 May 2023 12:17

Tgt Ion:112 Resp: 1954530
 Ion Ratio Lower Upper
 112 100
 64 55.4 46.8 70.2
 63 28.6 23.8 35.8

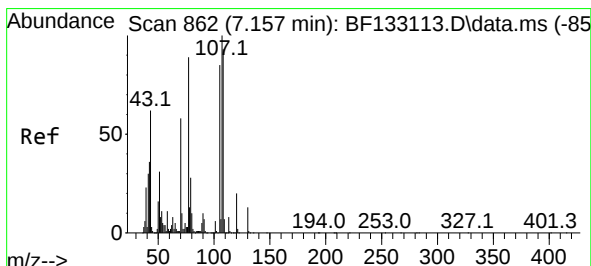
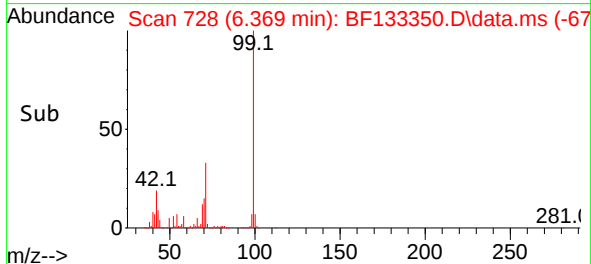
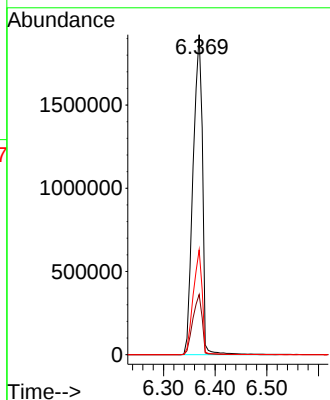
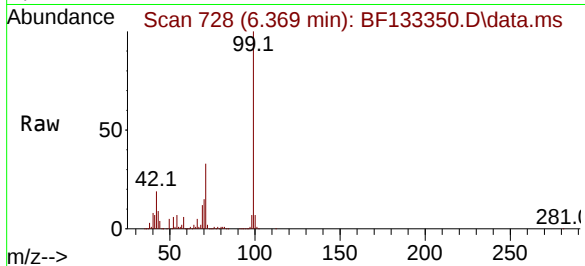




#7
Phenol-d6
Concen: 114.912 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

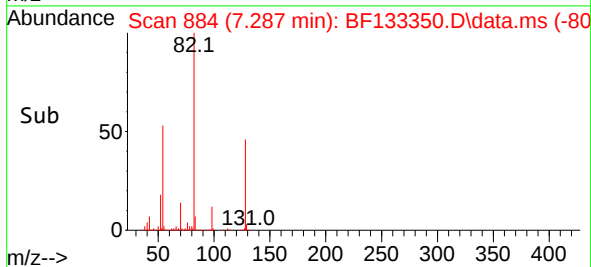
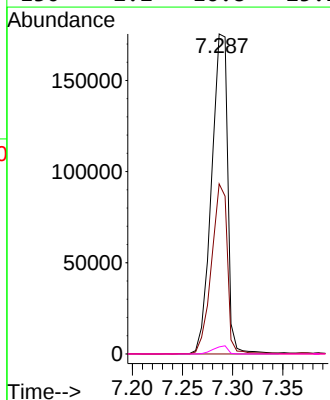
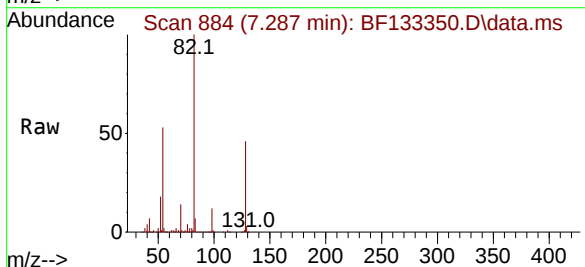
Instrument :
BNA_F
ClientSampleId :
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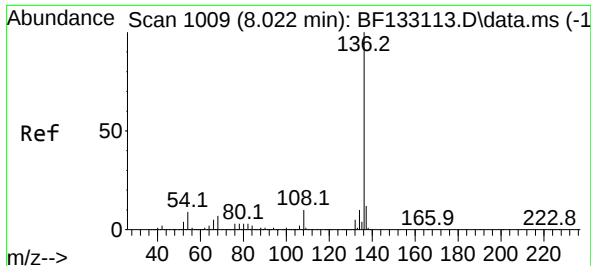
Tgt Ion: 99 Resp: 2422377
Ion Ratio Lower Upper
99 100
42 18.8 16.3 24.5
71 32.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.017 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

Tgt Ion: 70 Resp: 197072
Ion Ratio Lower Upper
70 100
42 53.2 51.8 77.6
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

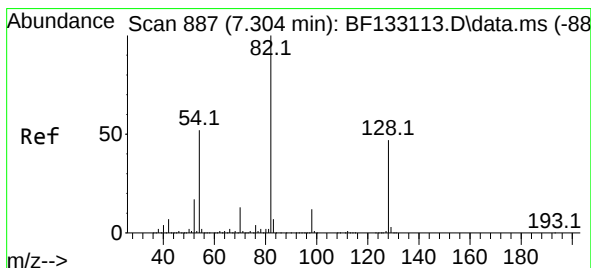
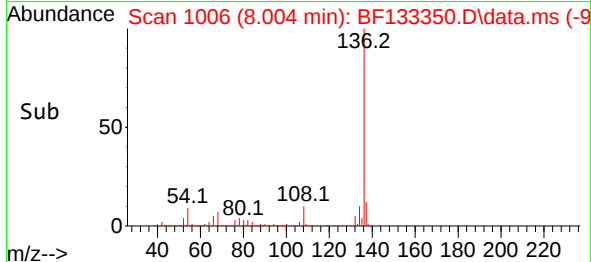
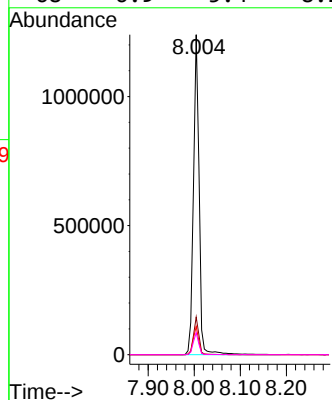
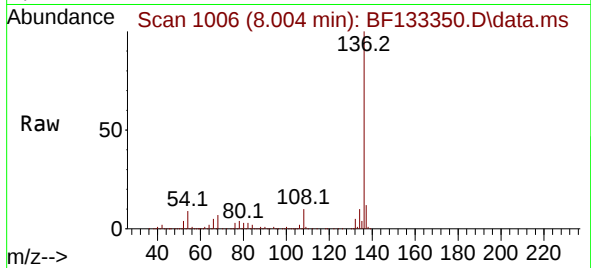




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

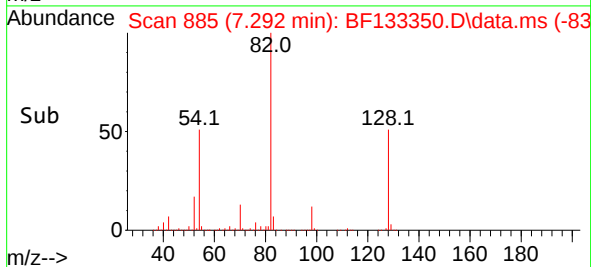
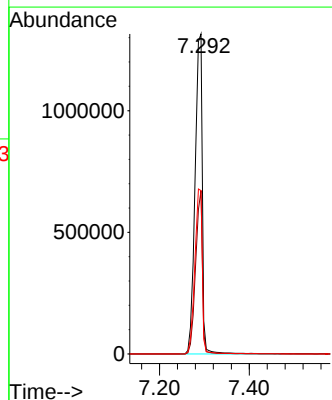
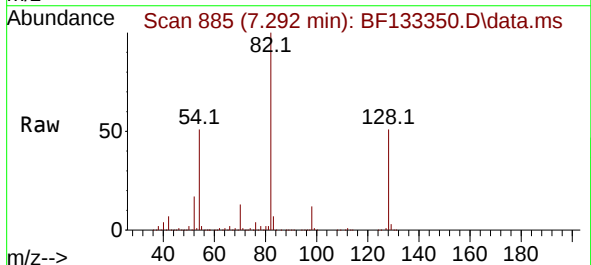
Instrument :
BNA_F
ClientSampleId :
PB152690BL

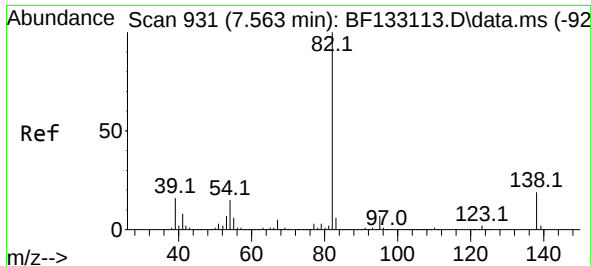
Tgt Ion:136 Resp: 1055277
Ion Ratio Lower Upper
136 100
137 11.8 8.6 13.0
54 8.8 7.0 10.4
68 6.9 5.4 8.2



#23
Nitrobenzene-d5
Concen: 75.596 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

Tgt Ion: 82 Resp: 1477949
Ion Ratio Lower Upper
82 100
128 51.0 37.7 56.5
54 51.0 43.0 64.4

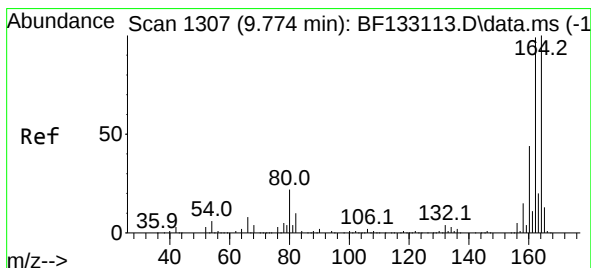
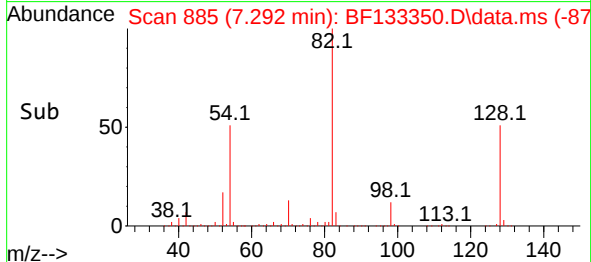
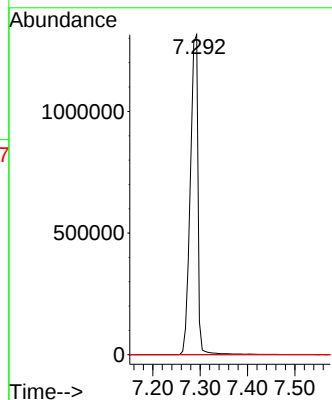
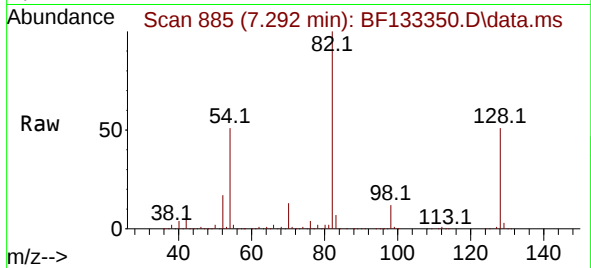




#25
Isophorone
Concen: 39.664 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

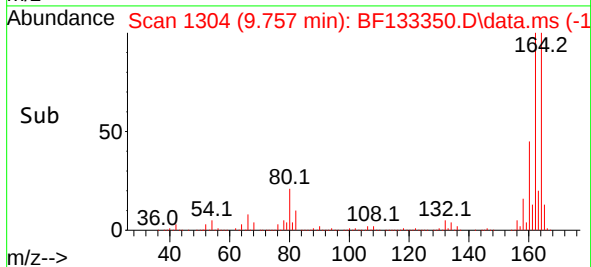
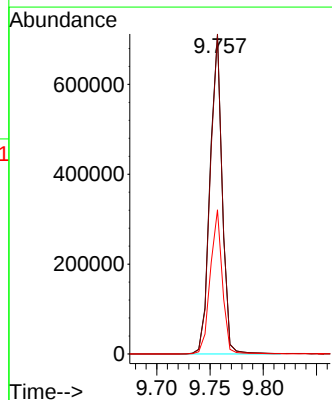
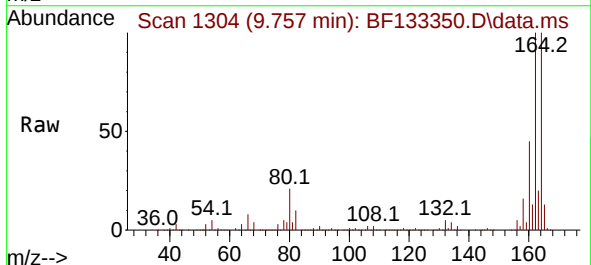
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BNA_F
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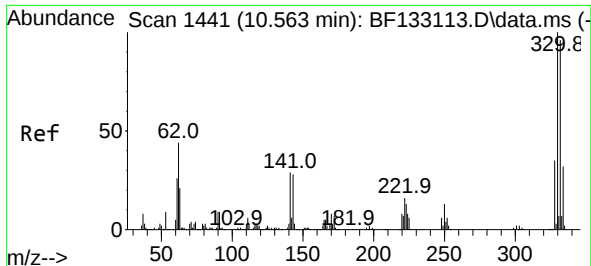
Tgt Ion: 82 Resp: 1472315
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

Tgt Ion: 164 Resp: 565169
Ion Ratio Lower Upper
164 100
162 100.2 78.7 118.1
160 45.1 35.8 53.6

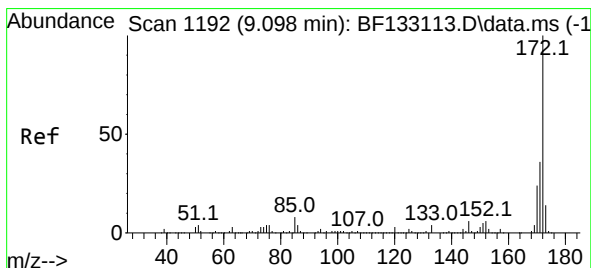
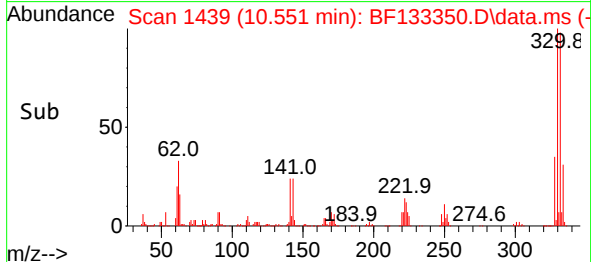
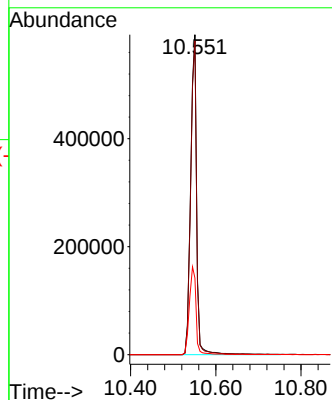
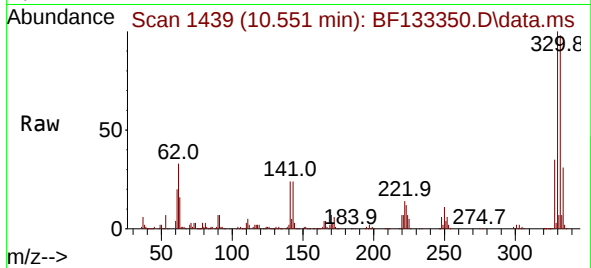




#42
2,4,6-Tribromophenol
Concen: 101.462 ng
RT: 10.551 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

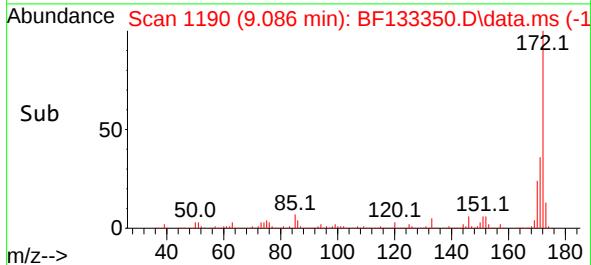
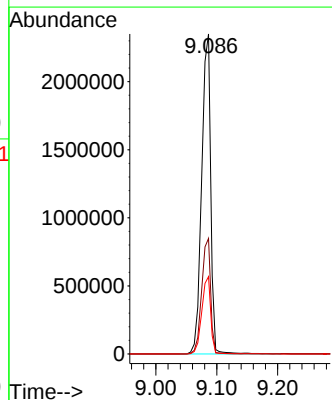
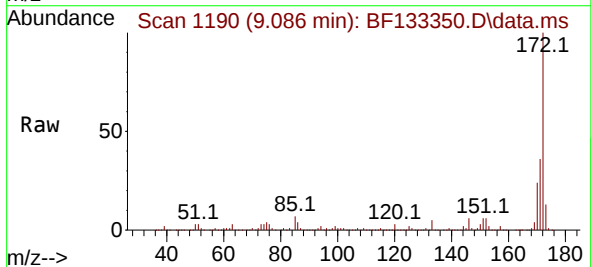
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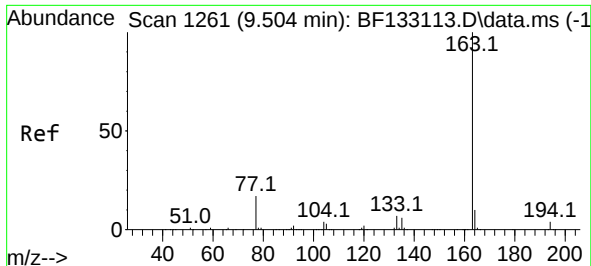
Tgt Ion:330 Resp: 576697
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 30.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 71.480 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

Tgt Ion:172 Resp: 2414725
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.2 19.4 29.2

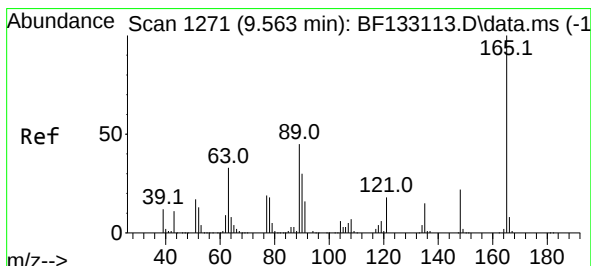
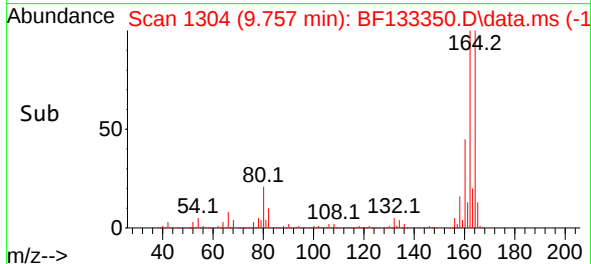
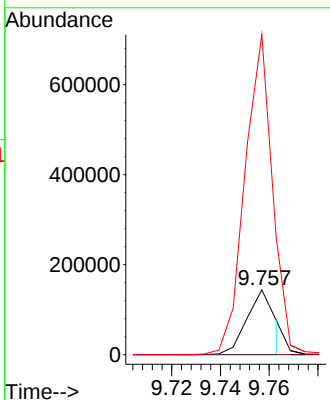
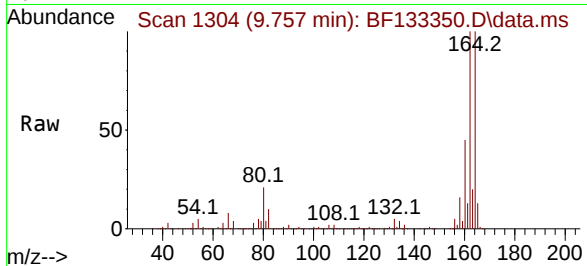




#50
Dimethylphthalate
Concen: 2.888 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

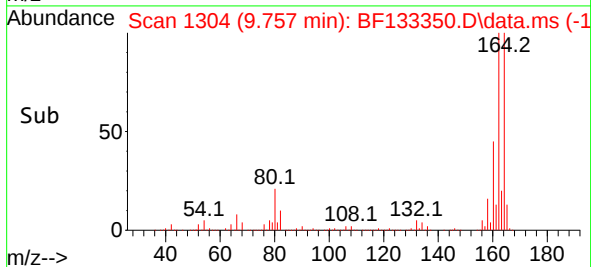
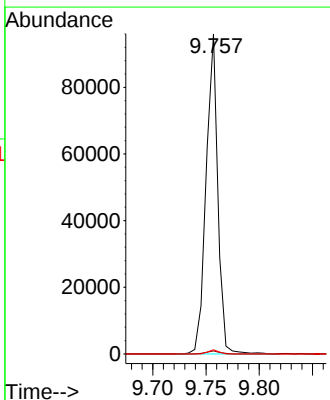
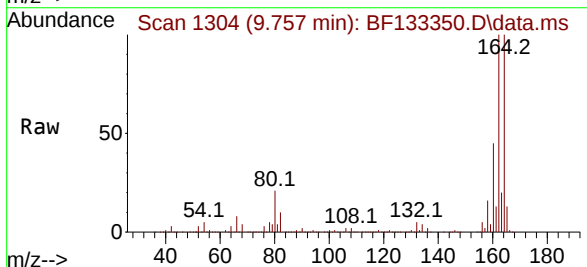
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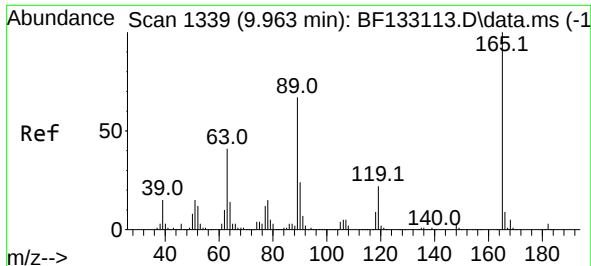
Tgt Ion:163 Resp: 113813
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 494.3 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.293 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

Tgt Ion:165 Resp: 73554
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.3 44.0 66.0#

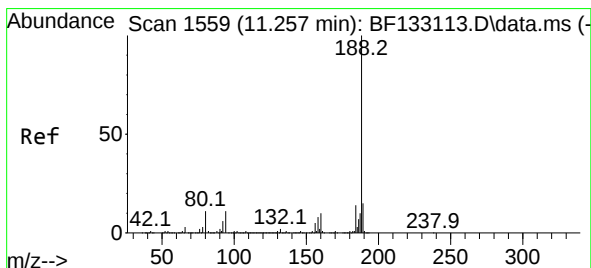
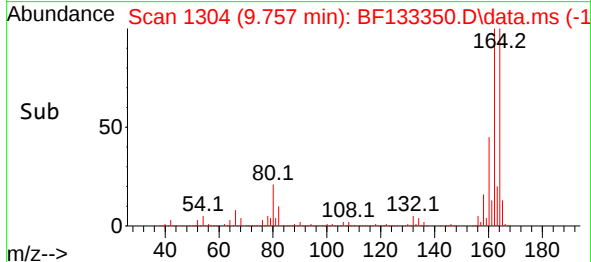
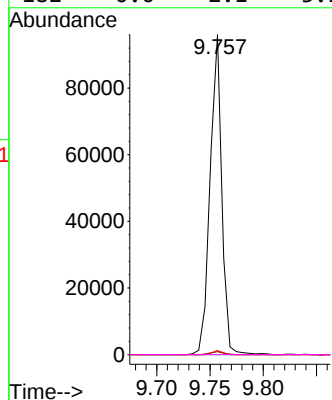
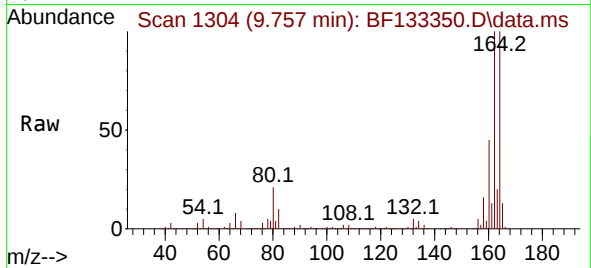




#57
2,4-Dinitrotoluene
Concen: 6.503 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

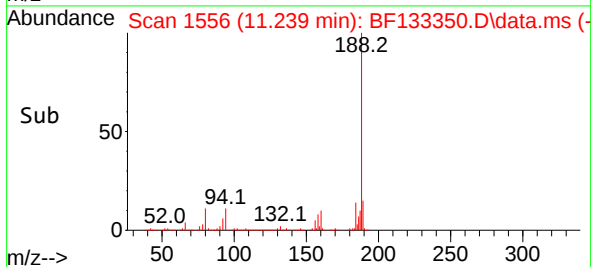
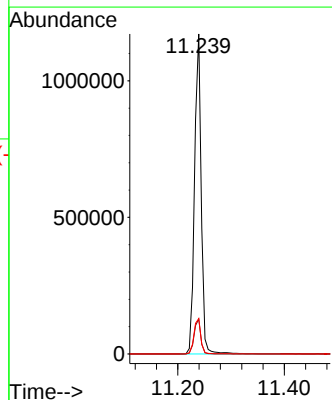
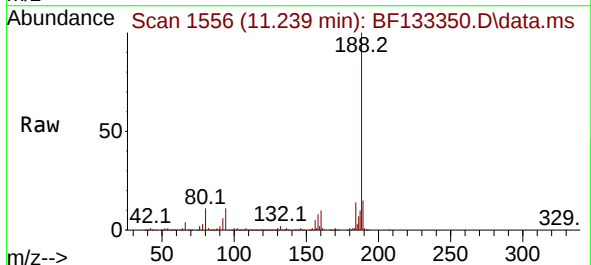
Instrument :
BNA_F
ClientSampleId :
PB152690BL

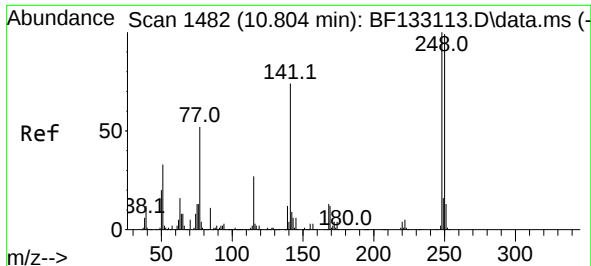
Tgt Ion:165 Resp: 73554
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 1.3 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

Tgt Ion:188 Resp: 1017588
Ion Ratio Lower Upper
188 100
94 10.9 9.7 14.5
80 11.1 10.4 15.6

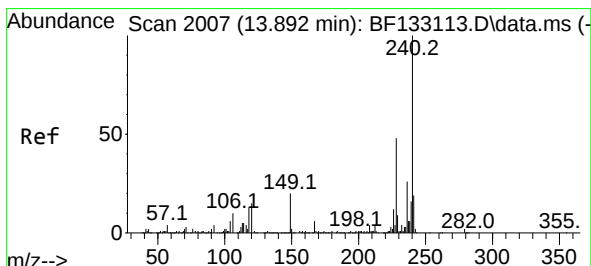
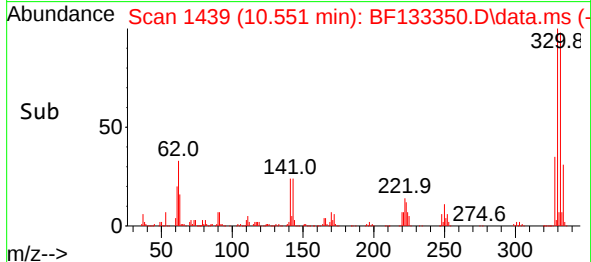
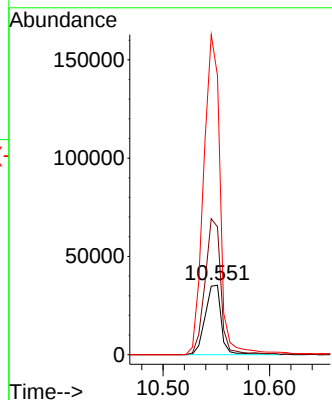
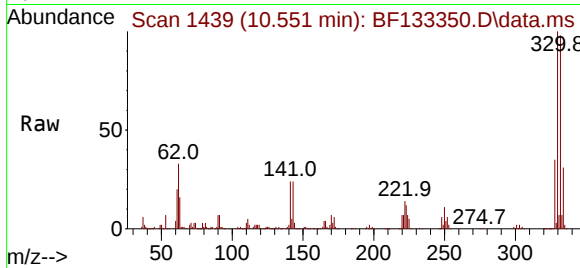




#67
4-Bromophenyl-phenylether
Concen: 3.377 ng
RT: 10.551 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

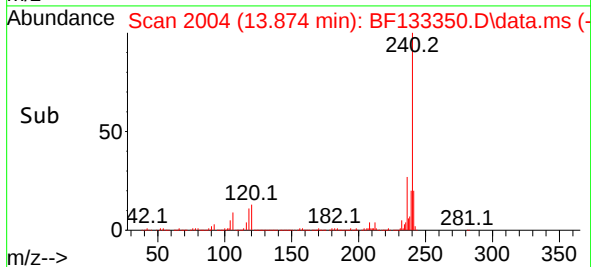
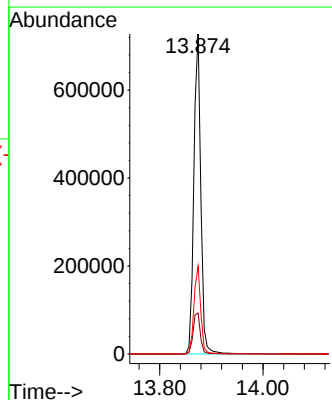
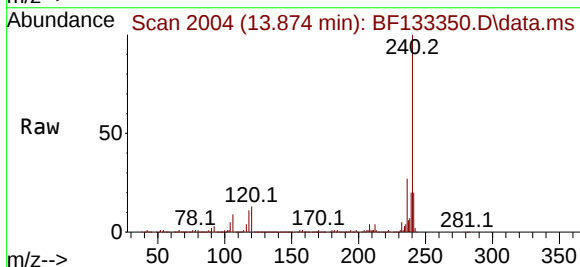
Instrument :
BNA_F
ClientSampleId :
PB152690BL

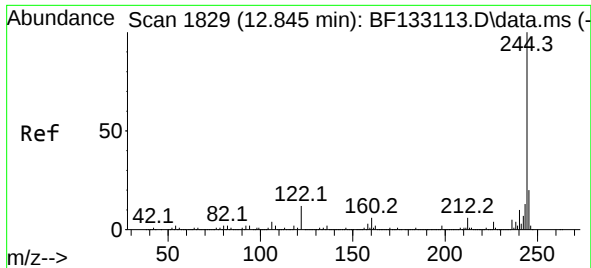
Tgt Ion:248 Resp: 37271
Ion Ratio Lower Upper
248 100
250 184.2 78.7 118.1#
141 402.2 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133350.D
Acq: 11 May 2023 12:17

Tgt Ion:240 Resp: 679088
Ion Ratio Lower Upper
240 100
120 12.8 10.5 15.7
236 27.4 21.5 32.3

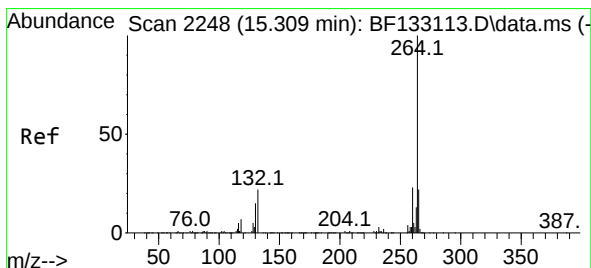
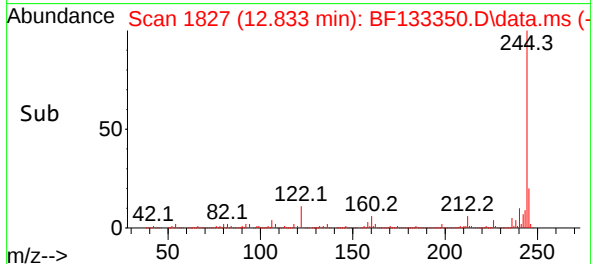
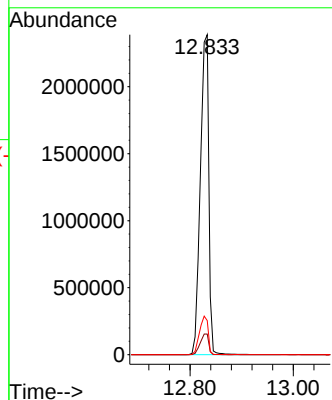
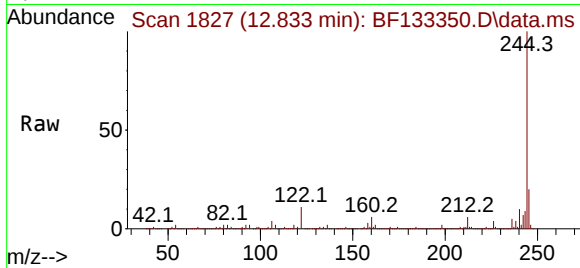




#79
 Terphenyl-d14
 Concen: 68.841 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: BF133350.D
 Acq: 11 May 2023 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB152690BL

Tgt Ion:244 Resp: 2710617
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.7 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: BF133350.D
 Acq: 11 May 2023 12:17

Tgt Ion:264 Resp: 550400
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.8 28.2
 265 21.9 17.0 25.4

