

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133263.D
 Acq On : 05 May 2023 14:31
 Operator : CG\JU
 Sample : 02597-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20230503

Quant Time: May 06 05:48:34 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)

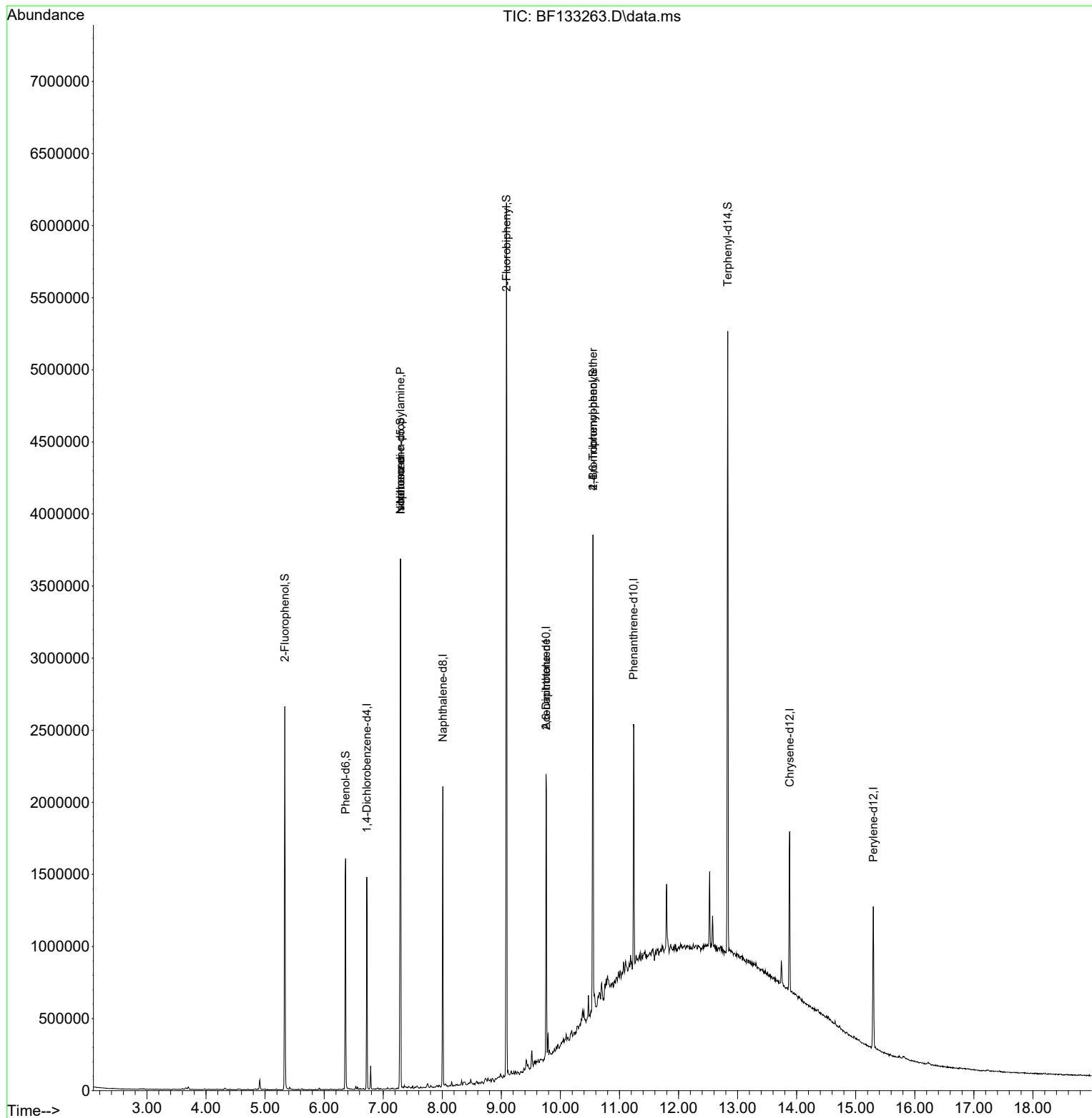
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	195358	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	780483	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	400207	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	657908	20.000	ng	0.00
76) Chrysene-d12	13.880	240	359901	20.000	ng	0.00
86) Perylene-d12	15.298	264	407610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	689071	53.283	ng	0.00
7) Phenol-d6	6.363	99	512943	31.955	ng	0.00
23) Nitrobenzene-d5	7.292	82	1184224	81.899	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	456941	113.530	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1932942	80.803	ng	0.00
79) Terphenyl-d14	12.833	244	1723847	82.608	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	617	Below Cal	#	70
19) n-Nitroso-di-n-propyla...	7.292	70	158213	15.832	ng	# 78
25) Isophorone	7.292	82	1184224	43.135	ng	# 63
51) 2,6-Dinitrotoluene	9.757	165	52105	8.296	ng	# 25
67) 4-Bromophenyl-phenylether	10.551	248	28442	3.986	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
Data File : BF133263.D
Acq On : 05 May 2023 14:31
Operator : CG\JU
Sample : 02597-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-3-20230503

Quant Time: May 06 05:48:34 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

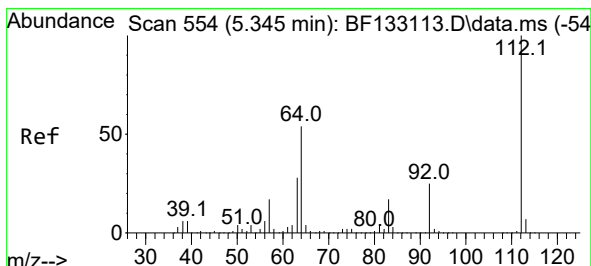
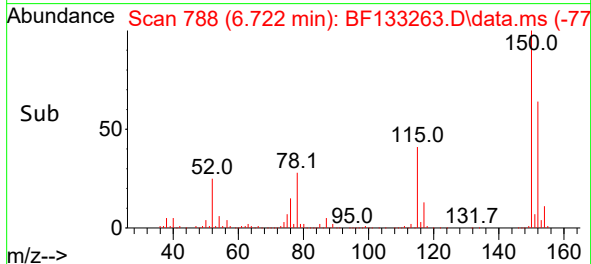
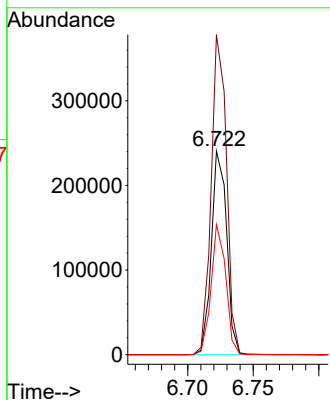
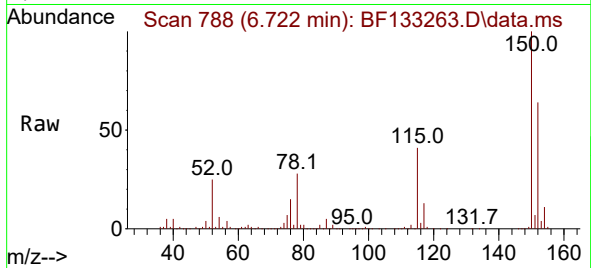




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133263.D
Acq: 05 May 2023 14:31

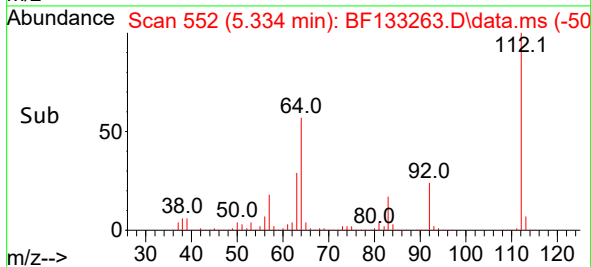
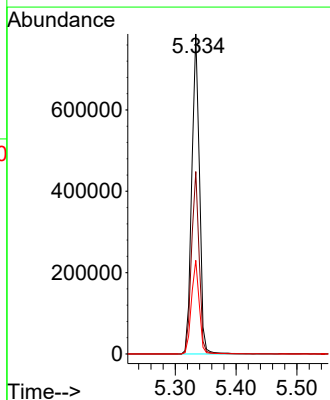
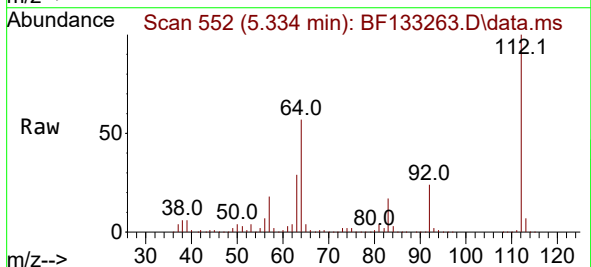
Instrument :
BNA_F
ClientSampleId :
MW-3-20230503

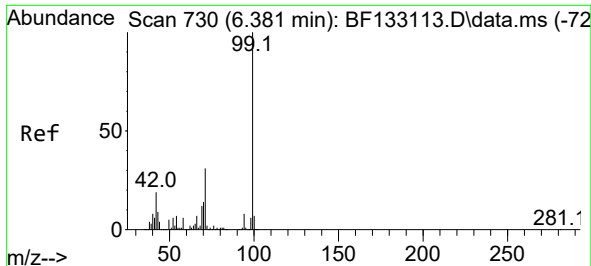
Tgt Ion:152 Resp: 195358
Ion Ratio Lower Upper
152 100
150 157.3 124.8 187.2
115 63.9 49.9 74.9



#5
2-Fluorophenol
Concen: 53.283 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF133263.D
Acq: 05 May 2023 14:31

Tgt Ion:112 Resp: 689071
Ion Ratio Lower Upper
112 100
64 57.0 46.8 70.2
63 29.2 23.8 35.8

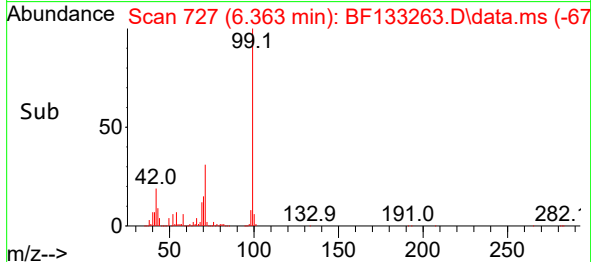
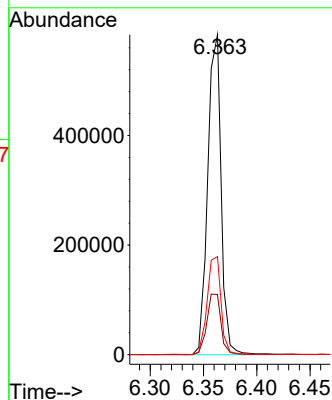
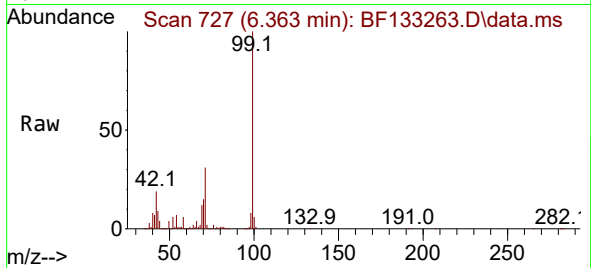




#7
Phenol-d6
Concen: 31.955 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133263.D
Acq: 05 May 2023 14:31

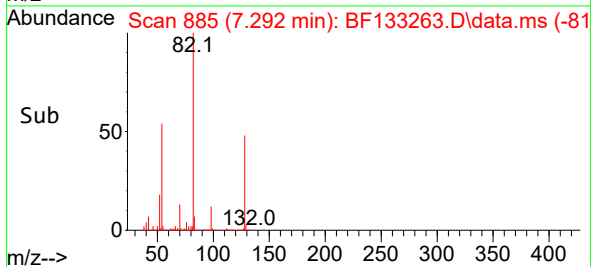
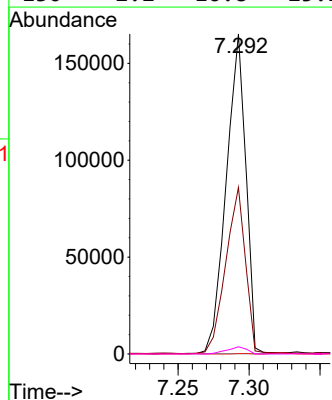
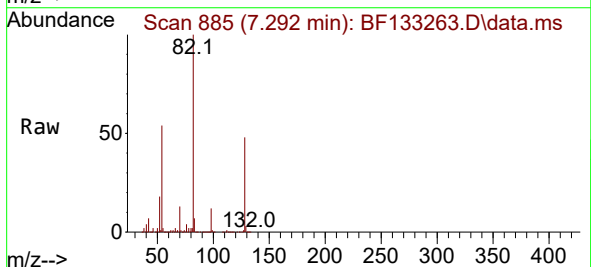
Instrument :
BNA_F
ClientSampleId :
MW-3-20230503

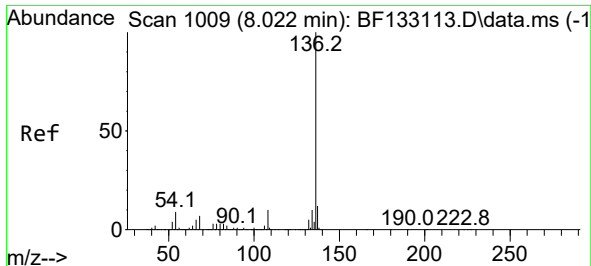
Tgt Ion: 99 Resp: 512943
Ion Ratio Lower Upper
99 100
42 18.8 16.3 24.5
71 30.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.832 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133263.D
Acq: 05 May 2023 14:31

Tgt Ion: 70 Resp: 158213
Ion Ratio Lower Upper
70 100
42 52.1 51.8 77.6
101 0.1 8.0 12.0#
130 2.2 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: BF133263.D

Acq: 05 May 2023 14:31

Instrument :

BNA_F

ClientSampleId :

MW-3-20230503

Tgt Ion:136 Resp: 780483

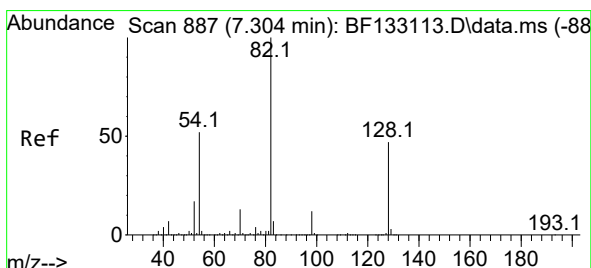
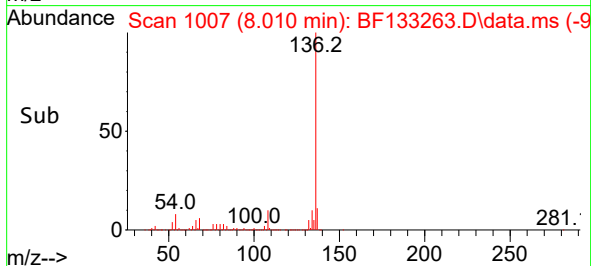
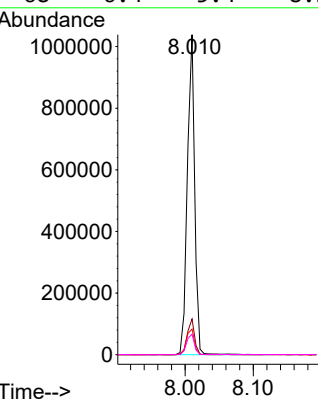
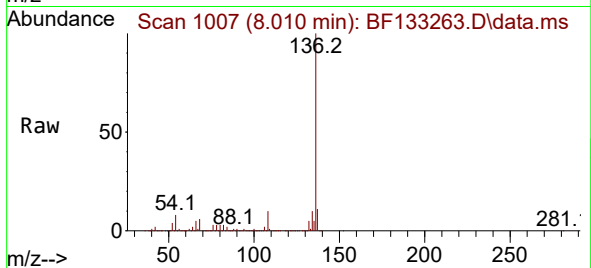
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 8.0 7.0 10.4

68 6.4 5.4 8.2



#23

Nitrobenzene-d5

Concen: 81.899 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF133263.D

Acq: 05 May 2023 14:31

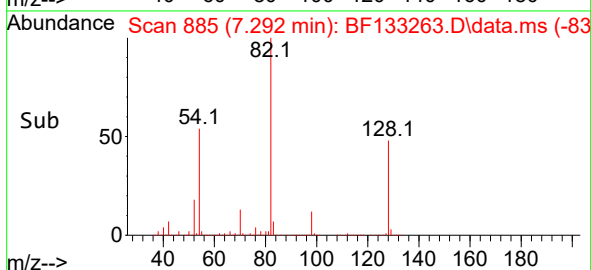
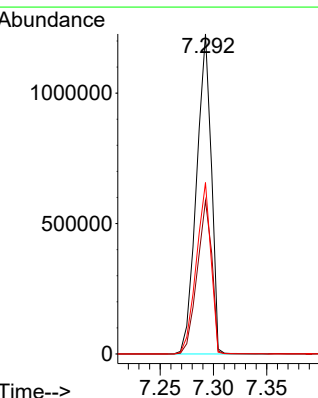
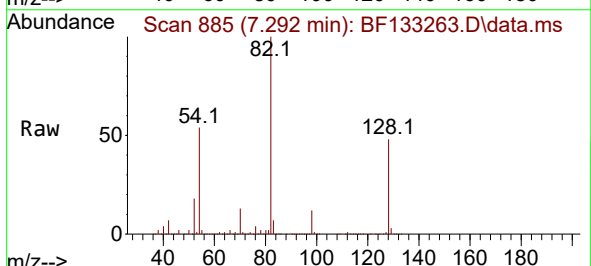
Tgt Ion: 82 Resp: 1184224

Ion Ratio Lower Upper

82 100

128 47.9 37.7 56.5

54 53.5 43.0 64.4

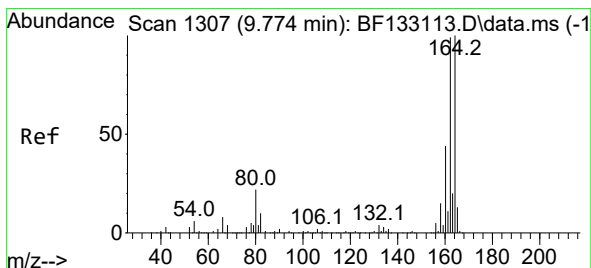
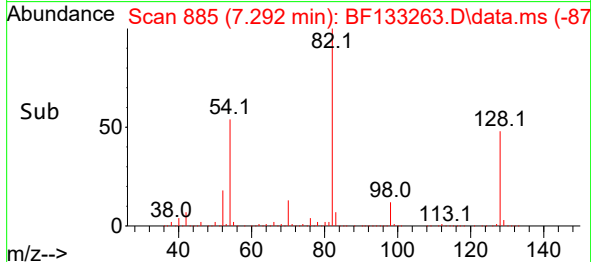
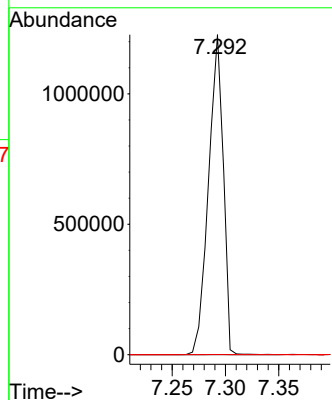
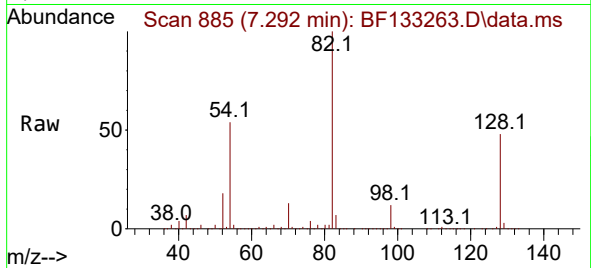




#25
Isophorone
Concen: 43.135 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133263.D
Acq: 05 May 2023 14:31

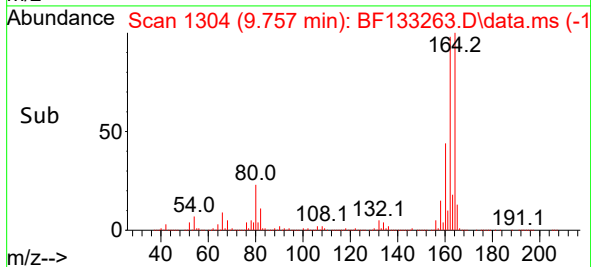
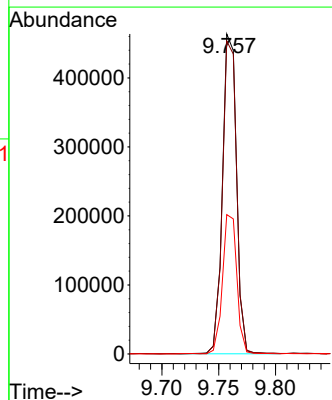
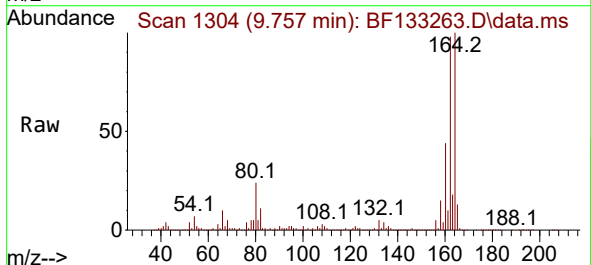
Instrument :
BNA_F
ClientSampleId :
MW-3-20230503

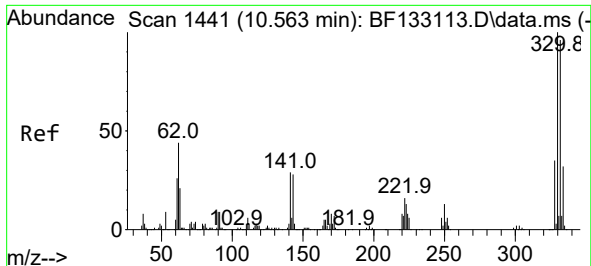
Tgt Ion: 82 Resp: 1184224
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133263.D
Acq: 05 May 2023 14:31

Tgt Ion: 164 Resp: 400207
Ion Ratio Lower Upper
164 100
162 97.8 78.7 118.1
160 43.6 35.8 53.6

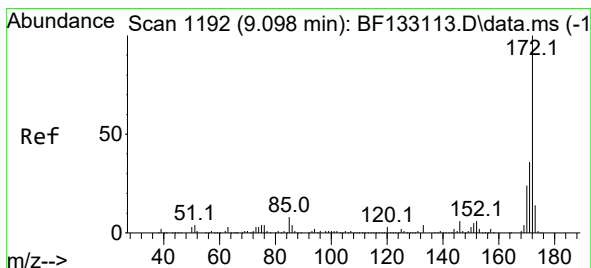
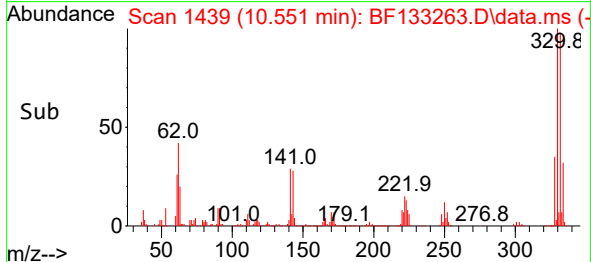
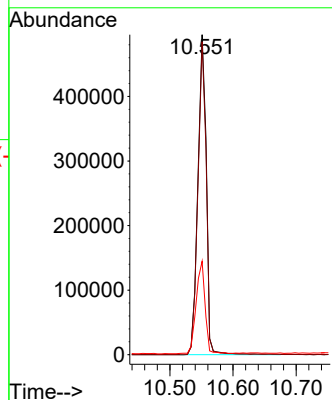
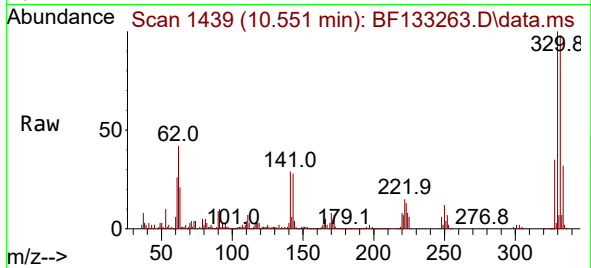




#42
2,4,6-Tribromophenol
Concen: 113.530 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133263.D
Acq: 05 May 2023 14:31

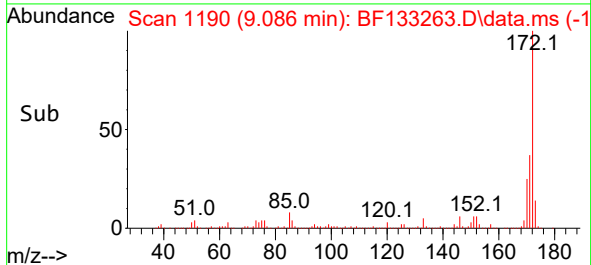
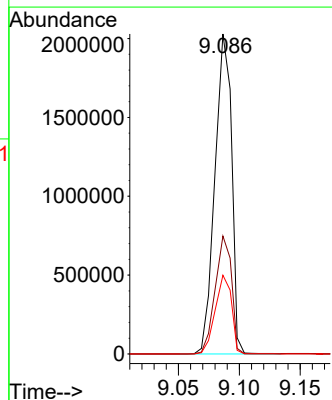
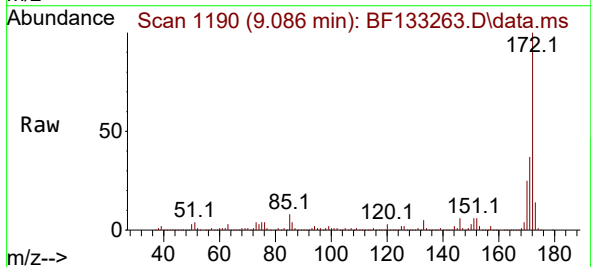
Instrument :
BNA_F
ClientSampleId :
MW-3-20230503

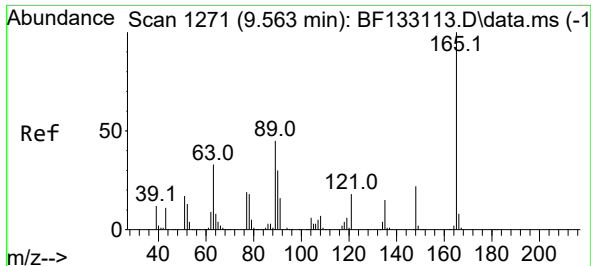
Tgt Ion:330 Resp: 456941
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 31.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 80.803 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF133263.D
Acq: 05 May 2023 14:31

Tgt Ion:172 Resp: 1932942
Ion Ratio Lower Upper
172 100
171 36.9 28.8 43.2
170 24.6 19.4 29.2

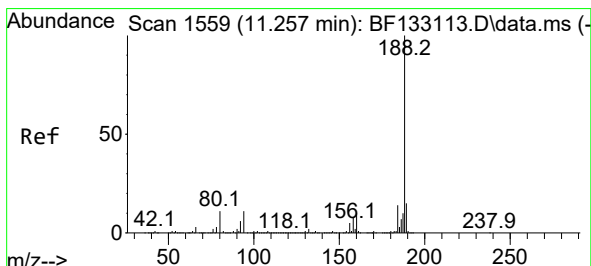
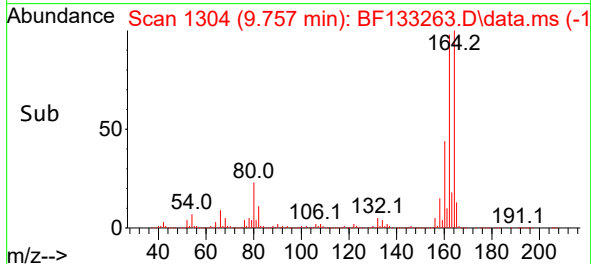
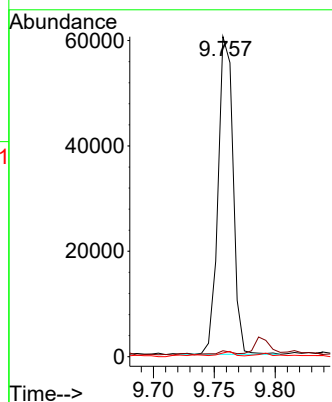
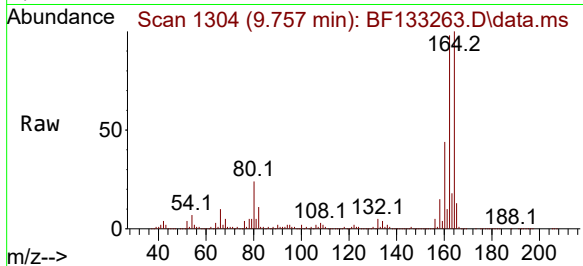




#51
2,6-Dinitrotoluene
Concen: 8.296 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133263.D
Acq: 05 May 2023 14:31

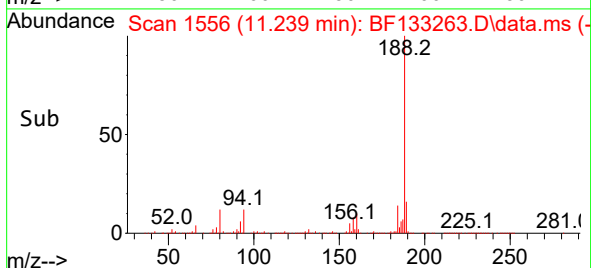
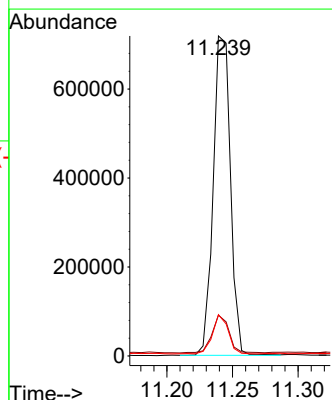
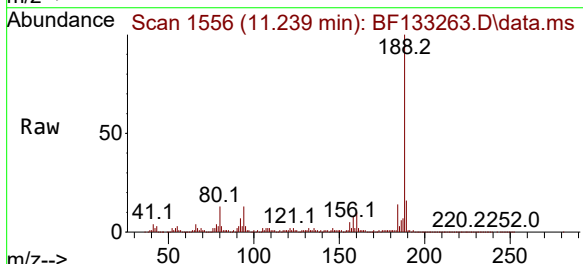
Instrument :
BNA_F
ClientSampleId :
MW-3-20230503

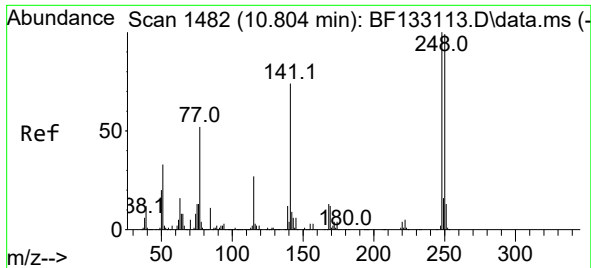
Tgt Ion:165 Resp: 52105
Ion Ratio Lower Upper
165 100
63 1.8 45.9 68.9#
89 1.1 44.0 66.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF133263.D
Acq: 05 May 2023 14:31

Tgt Ion:188 Resp: 657908
Ion Ratio Lower Upper
188 100
94 12.8 9.7 14.5
80 12.9 10.4 15.6

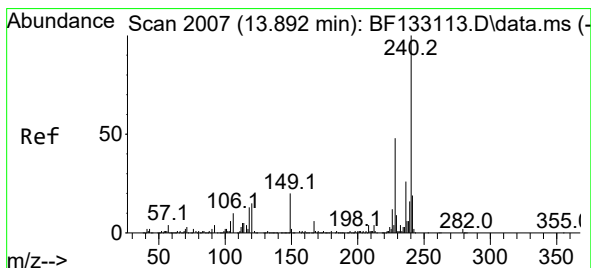
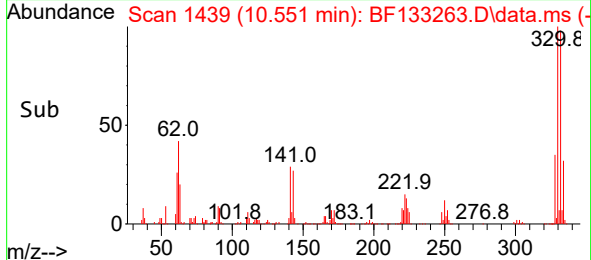
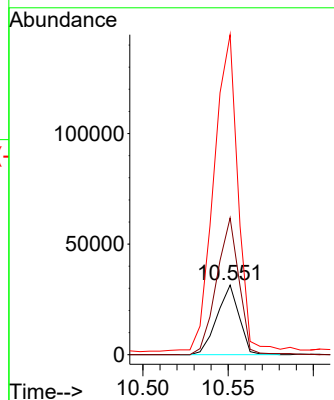
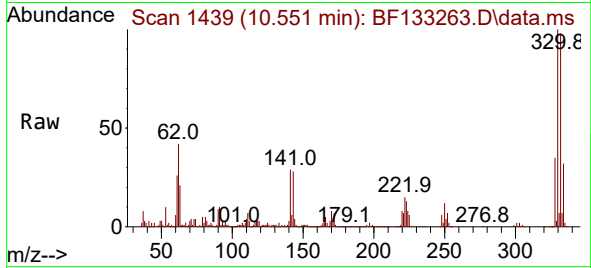




#67
4-Bromophenyl-phenylether
Concen: 3.986 ng
RT: 10.551 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF133263.D
Acq: 05 May 2023 14:31

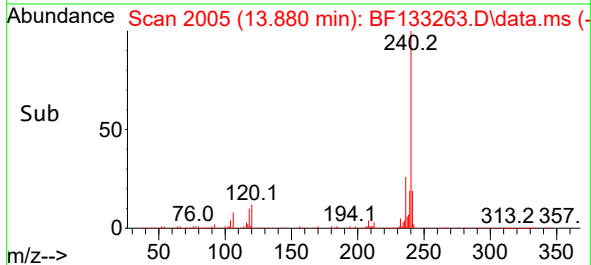
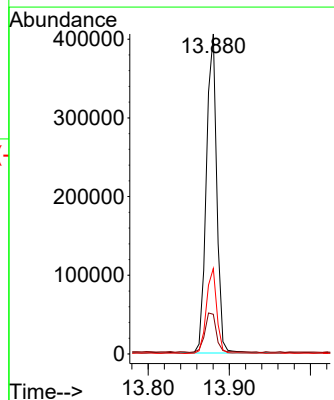
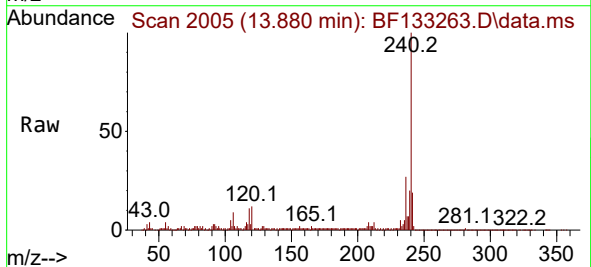
Instrument :
BNA_F
ClientSampleId :
MW-3-20230503

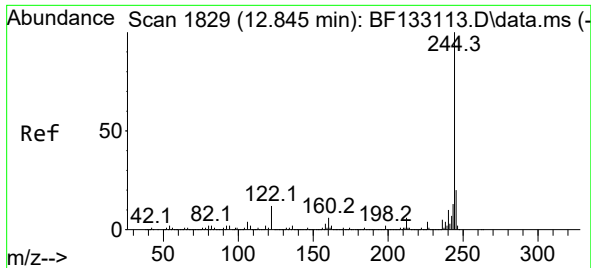
Tgt Ion:248 Resp: 28442
Ion Ratio Lower Upper
248 100
250 196.5 78.7 118.1#
141 459.7 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133263.D
Acq: 05 May 2023 14:31

Tgt Ion:240 Resp: 359901
Ion Ratio Lower Upper
240 100
120 12.4 10.5 15.7
236 26.7 21.5 32.3

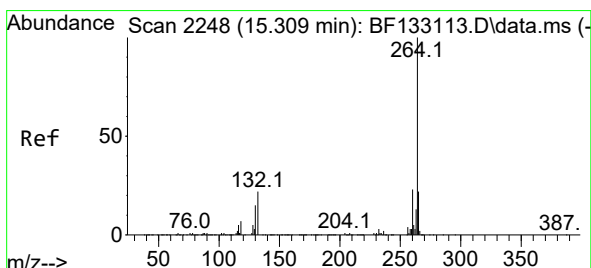
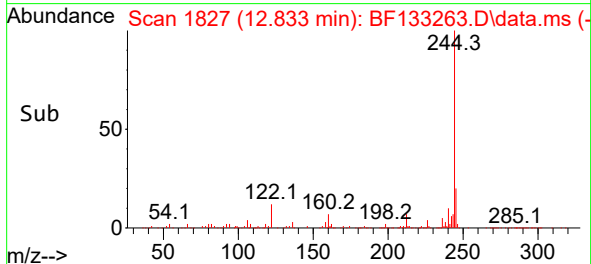
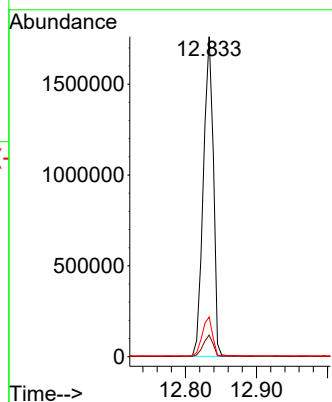
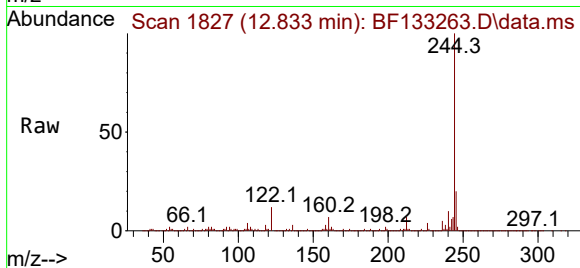




#79
 Terphenyl-d14
 Concen: 82.608 ng
 RT: 12.833 min Scan# 1829
 Delta R.T. 0.000 min
 Lab File: BF133263.D
 Acq: 05 May 2023 14:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20230503

Tgt Ion:244 Resp: 1723847
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.4 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. 0.006 min
 Lab File: BF133263.D
 Acq: 05 May 2023 14:31

Tgt Ion:264 Resp: 407610
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.8 28.2
 265 22.3 17.0 25.4

