

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

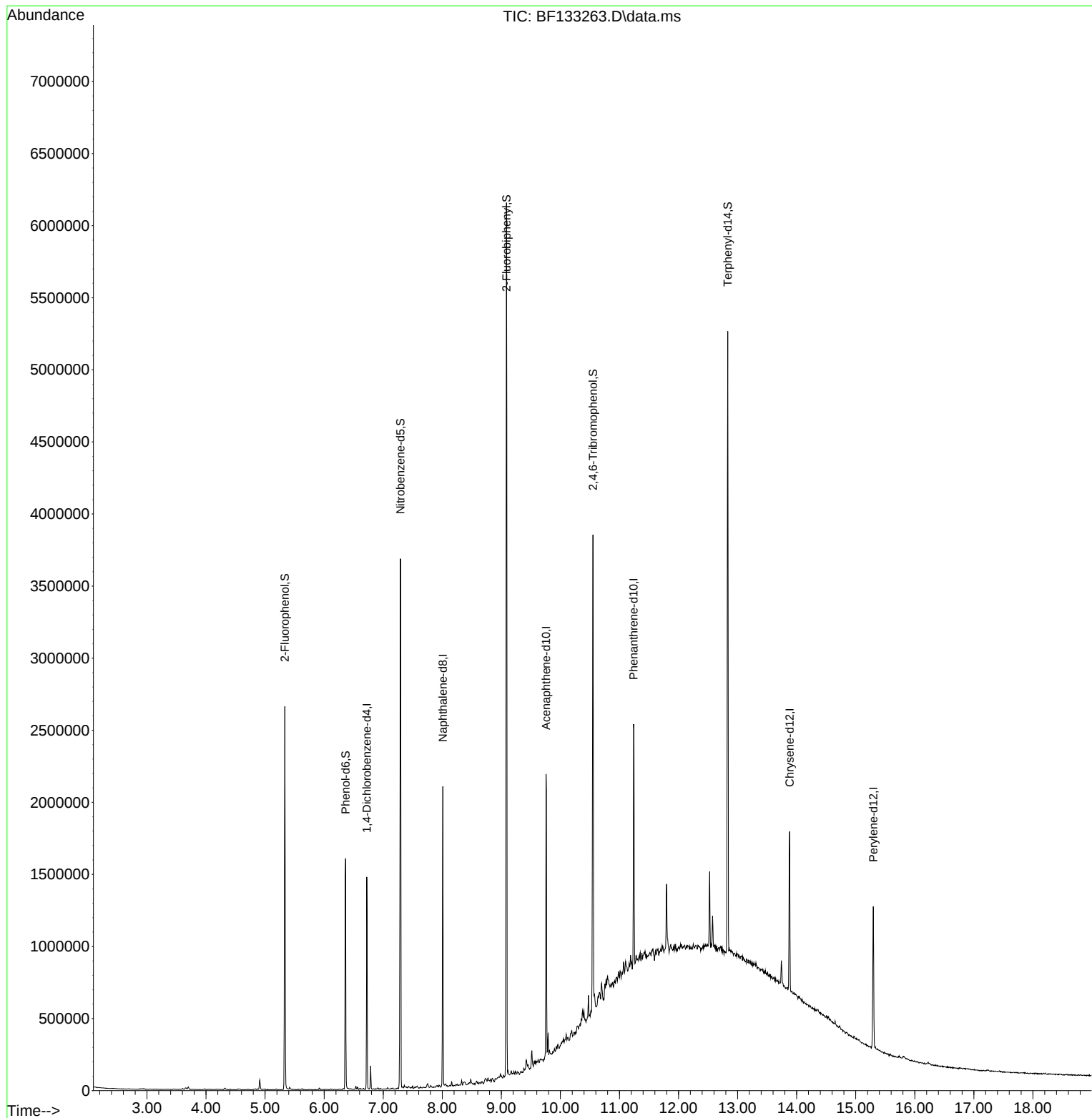
Target Compounds	Qvalue

(#) = 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# 71

Delta R.T. -0.006 min

Lab File: BF133263.D

Acq: 05 May 2023 14:31

Instrument :

BNA_F

ClientSampleId :

MW-3-20230503

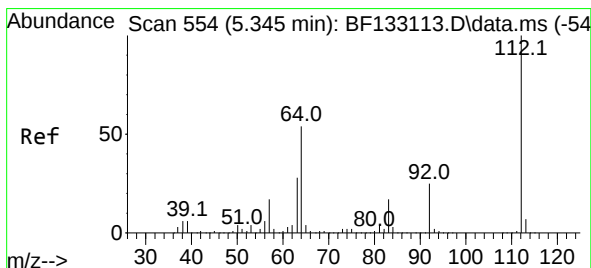
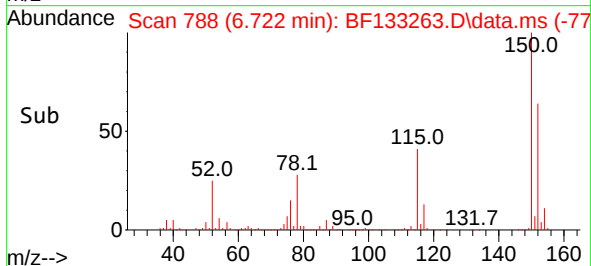
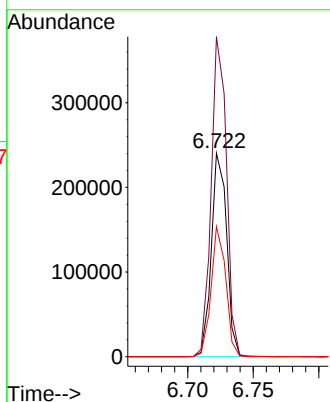
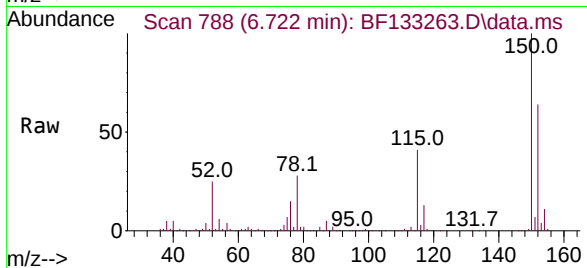
Tgt Ion:152 Resp: 195358

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

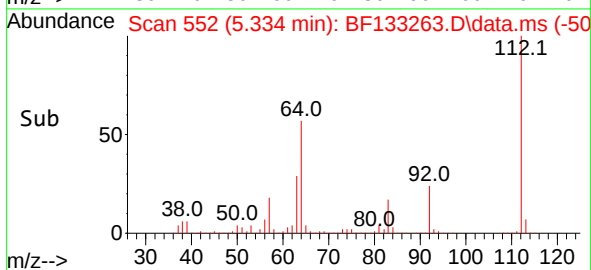
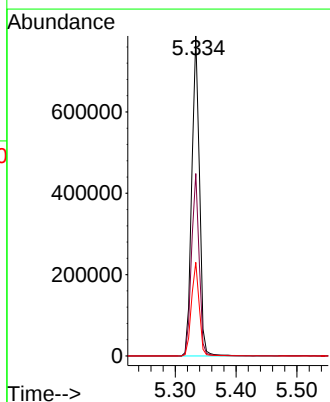
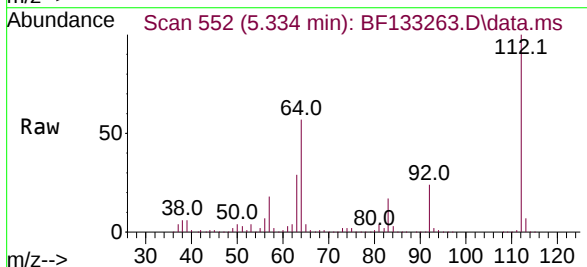
Tgt Ion:112 Resp: 689071

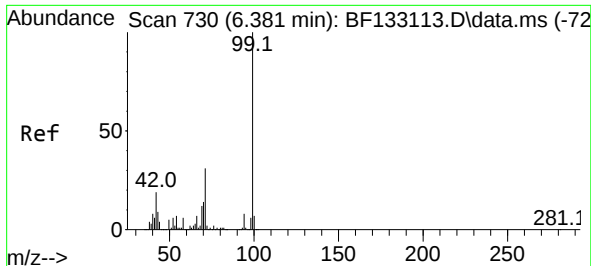
Ion Ratio Lower Upper

112 100

64 57.0 46.8 70.2

63 29.2 23.8 35.8

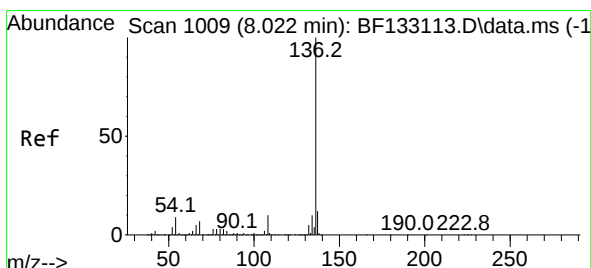
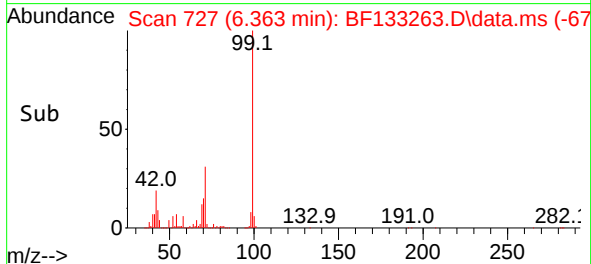
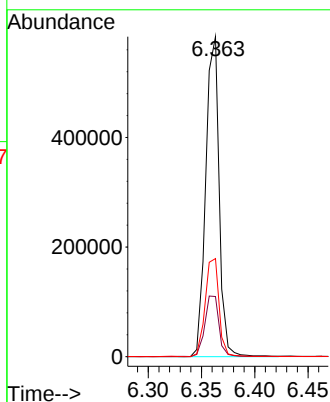
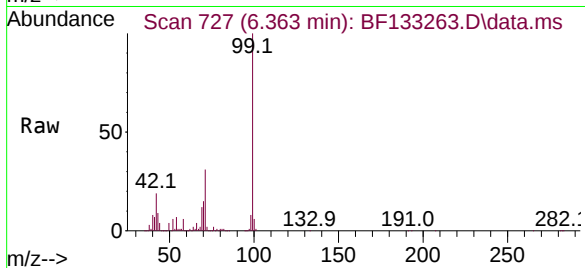




#7
Phenol-d6
Concen: 31.955 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133263.D
Acq: 05 May 2023 14:31

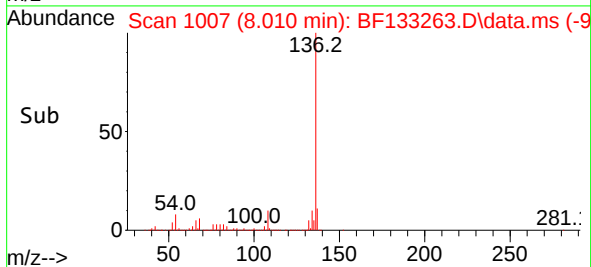
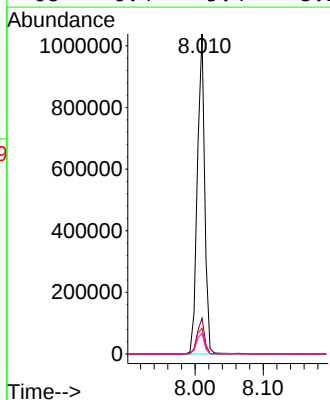
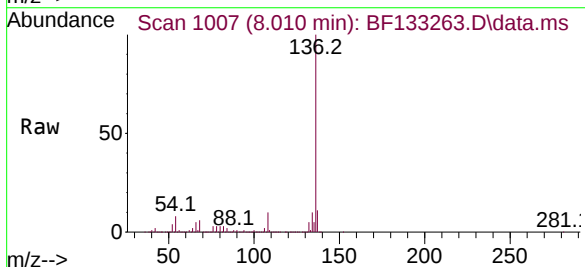
Instrument :
BNA_F
ClientSampleId :
MW-3-20230503

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



#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

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# 81

Delta R.T. -0.006 min

Lab File: BF133263.D

Acq: 05 May 2023 14:31

Instrument :

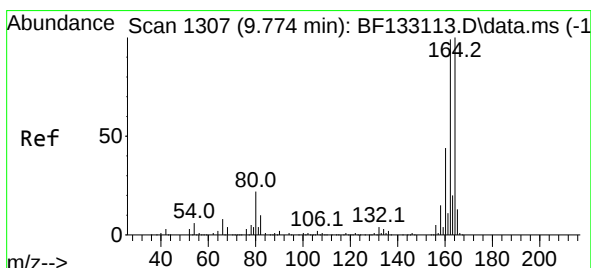
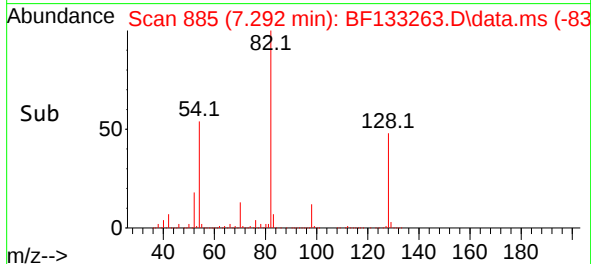
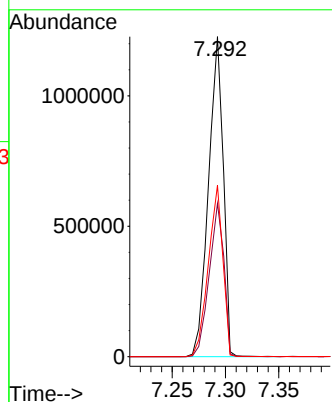
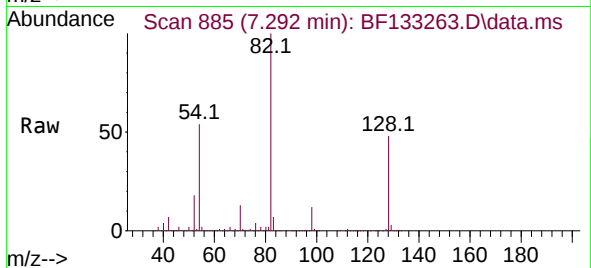
BNA_F

ClientSampleId :

MW-3-20230503

Tgt Ion: 82 Resp: 1184224

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.7	56.5
54	53.5	43.0	64.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

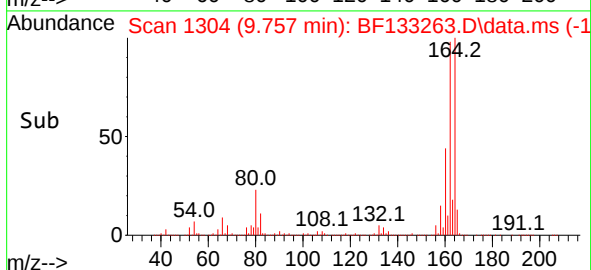
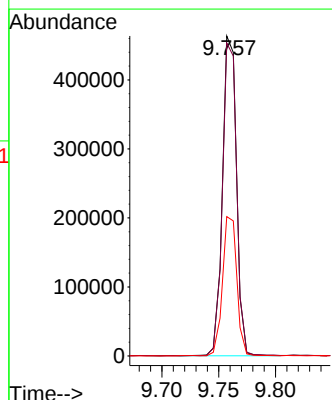
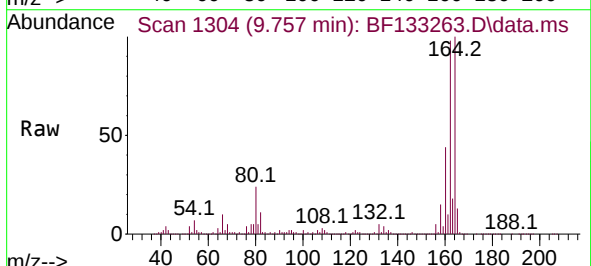
Delta R.T. -0.006 min

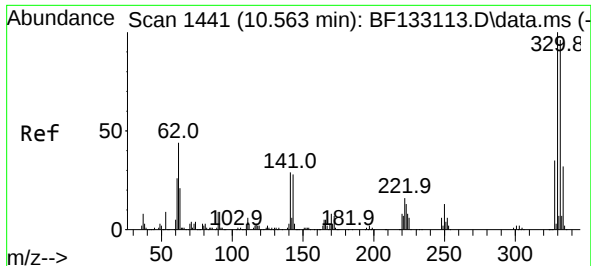
Lab File: BF133263.D

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

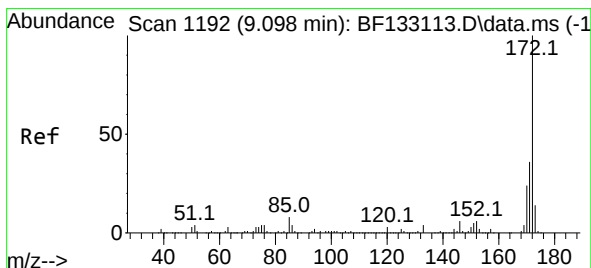
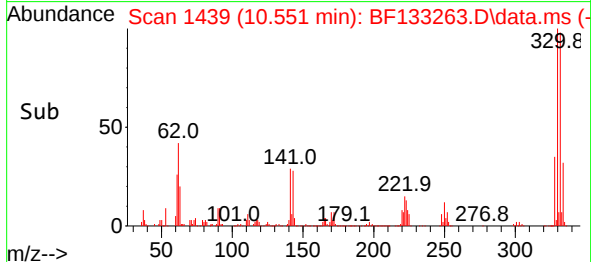
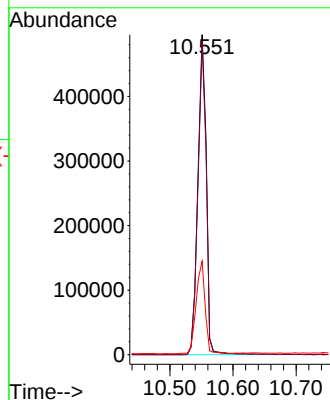
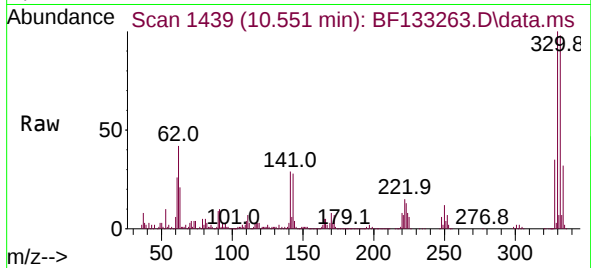




#42
2,4,6-Tribromophenol
Concen: 113.530 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133263.D
Acq: 05 May 2023 14:31

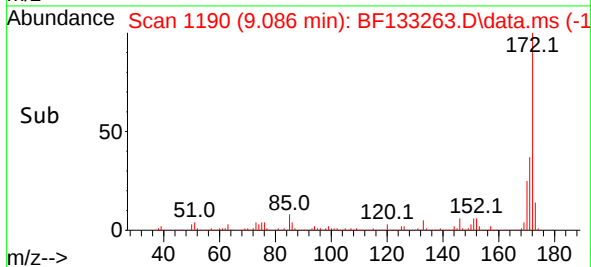
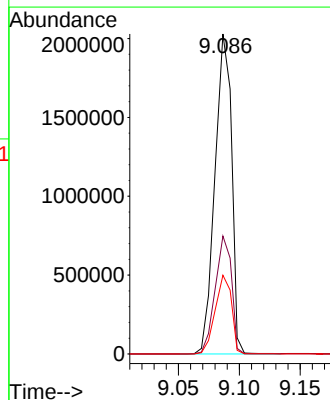
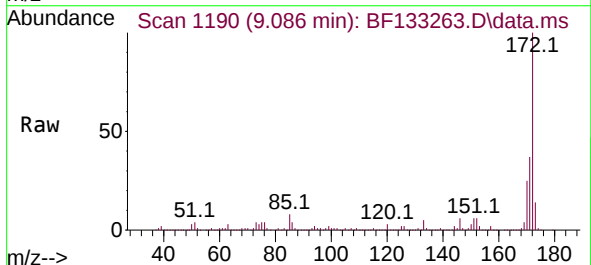
Instrument :
BNA_F
ClientSampleId :
MW-3-20230503

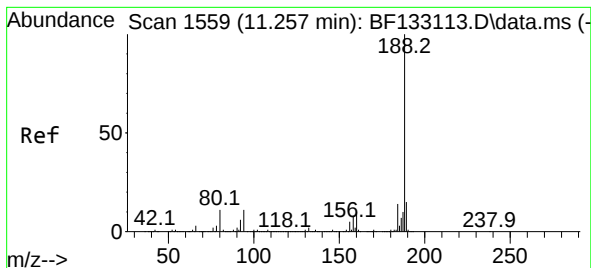
Tgt Ion:330 Resp: 456941
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 31.0 25.8 38.8



#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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133263.D

Acq: 05 May 2023 14:31

Instrument :

BNA_F

ClientSampleId :

MW-3-20230503

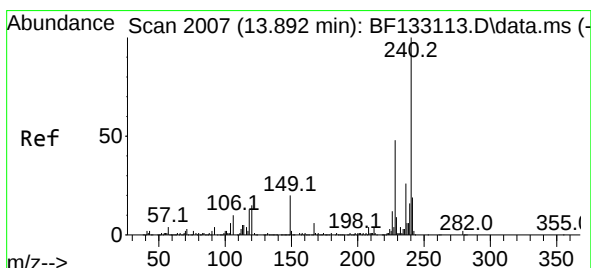
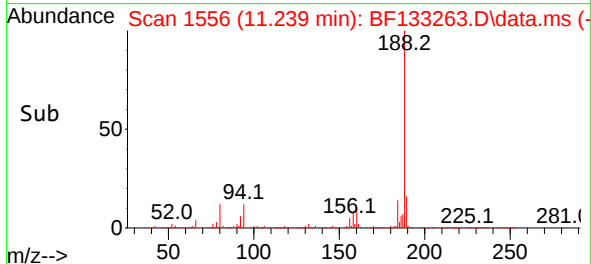
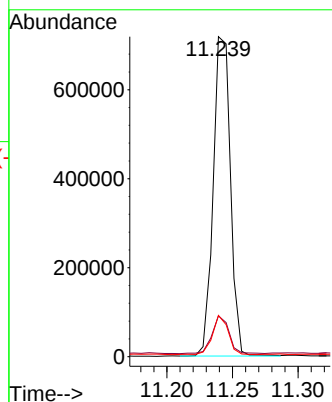
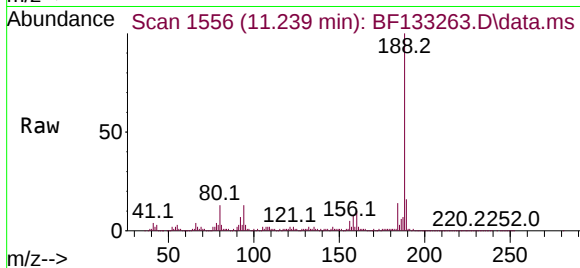
Tgt Ion:188 Resp: 657908

Ion Ratio Lower Upper

188 100

94 12.8 9.7 14.5

80 12.9 10.4 15.6



#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

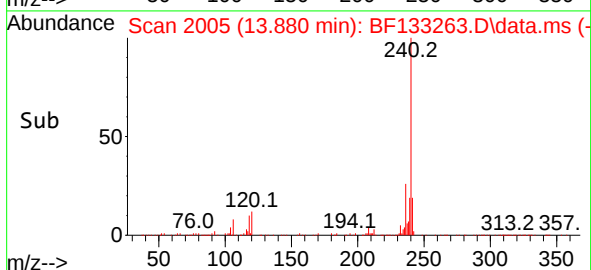
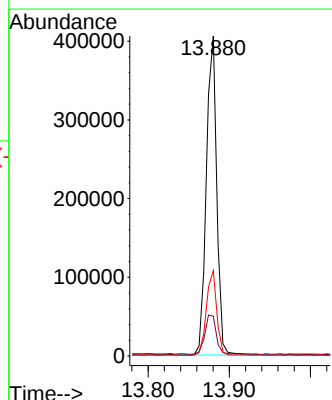
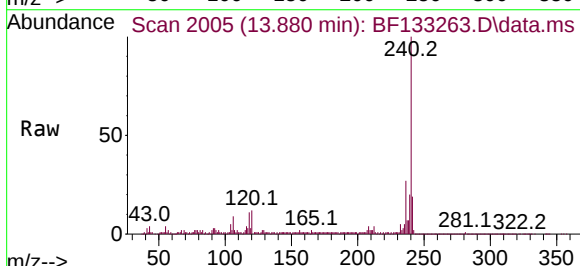
Tgt Ion:240 Resp: 359901

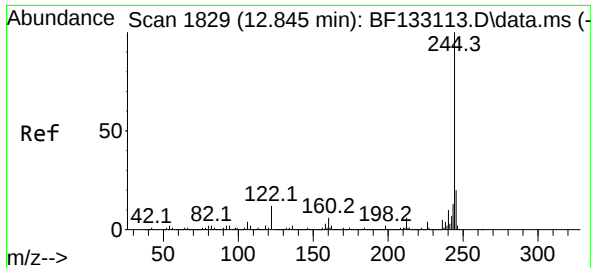
Ion Ratio Lower Upper

240 100

120 12.4 10.5 15.7

236 26.7 21.5 32.3

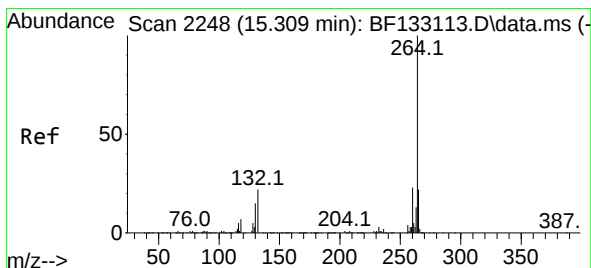
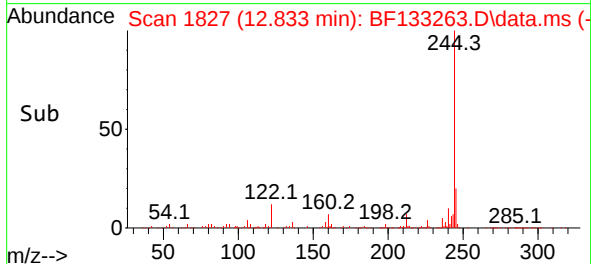
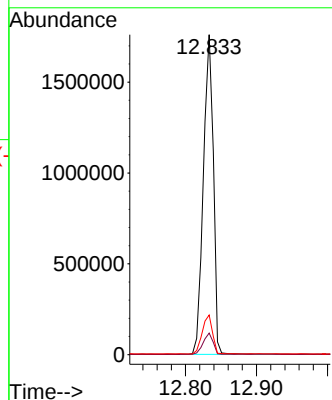
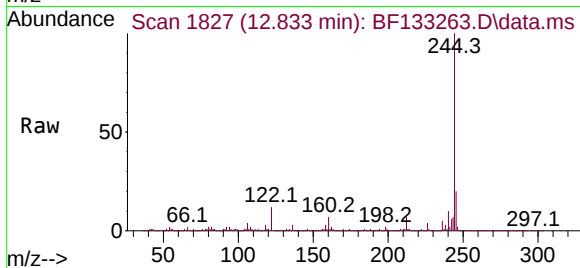




#79
 Terphenyl-d14
 Concen: 82.608 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: BF133263.D
 Acq: 05 May 2023 14:31

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

