

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135711.D
 Acq On : 11 Oct 2023 14:09
 Operator : CG\JU
 Sample : 04656-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-103D

Quant Time: Oct 12 00:47:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	87626	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	356248	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	166433	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	326049	20.000	ng	0.00
76) Chrysene-d12	13.933	240	163387	20.000	ng	0.00
86) Perylene-d12	15.404	264	197488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	307350	57.048	ng	0.00
7) Phenol-d6	6.393	99	232902	33.997	ng	0.00
23) Nitrobenzene-d5	7.310	82	652538	99.515	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	218611	132.176	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1089136	98.731	ng	0.00
79) Terphenyl-d14	12.869	244	982178	93.188	ng	0.00

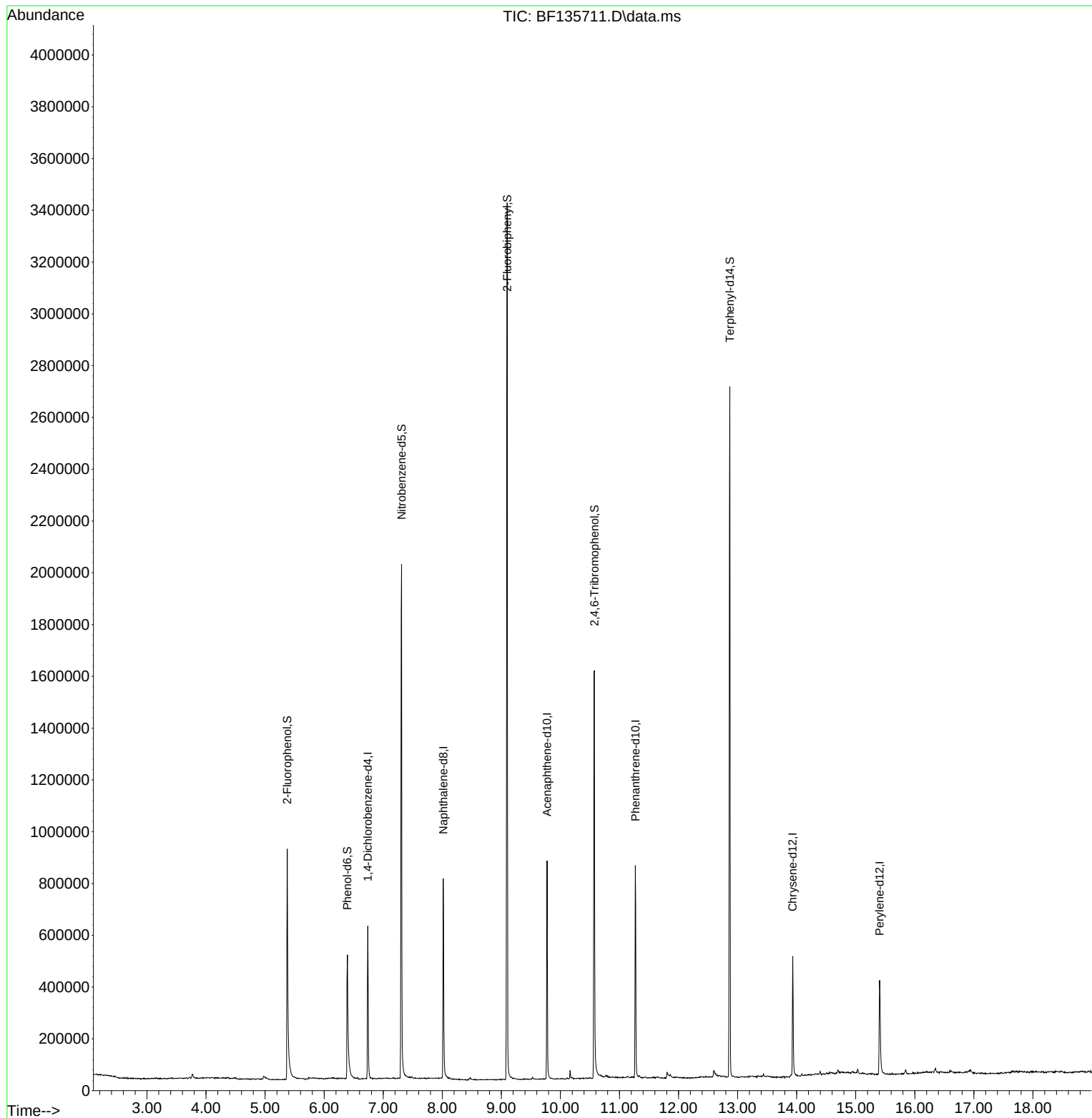
Target Compounds	Qvalue

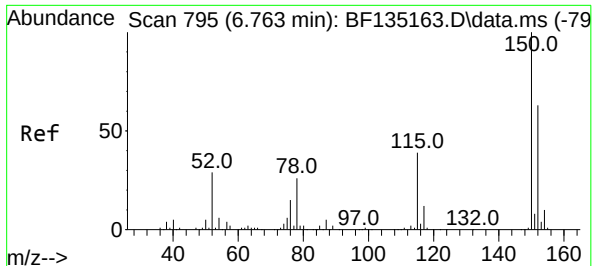
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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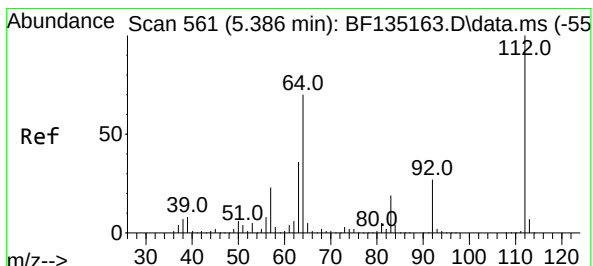
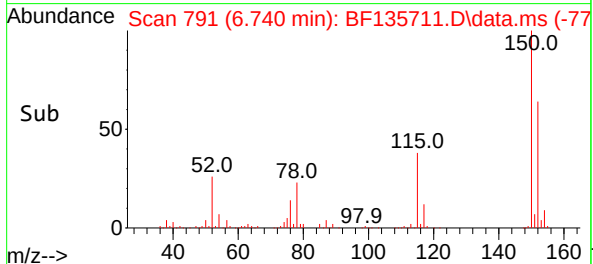
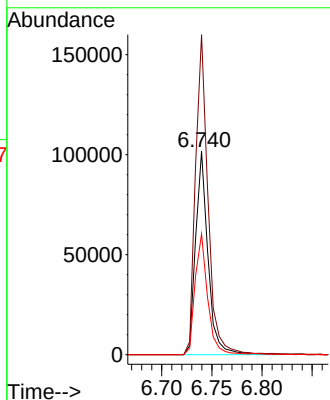
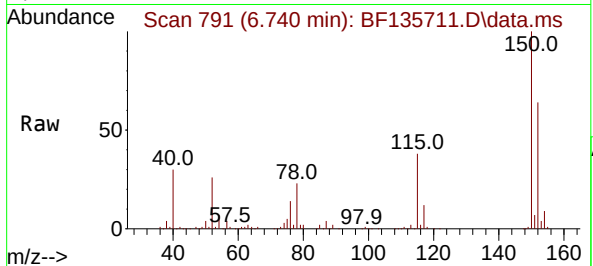




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

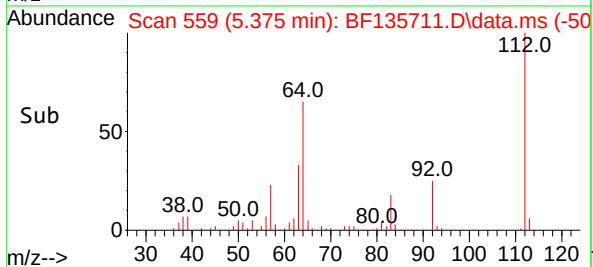
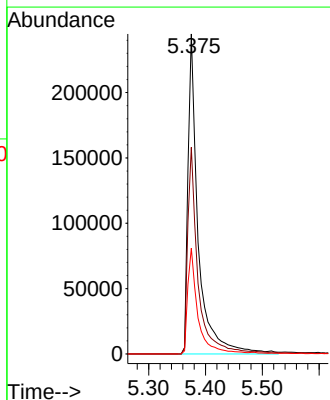
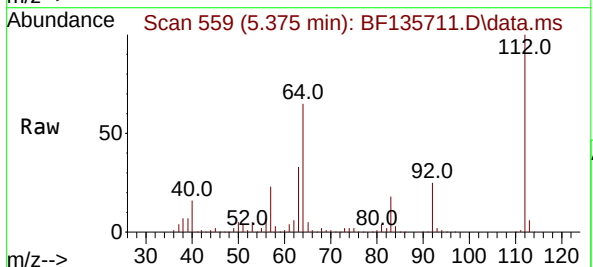
Instrument :
BNA_F
ClientSampleId :
MW-103D

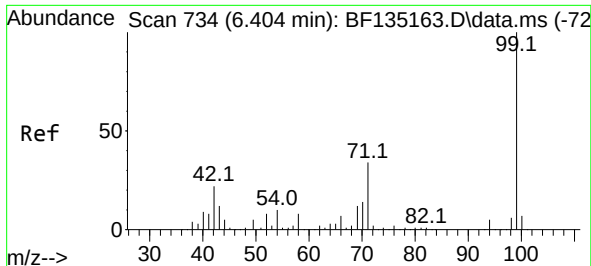
Tgt Ion:152 Resp: 87626
Ion Ratio Lower Upper
152 100
150 157.4 127.8 191.6
115 59.3 49.8 74.8



#5
2-Fluorophenol
Concen: 57.048 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

Tgt Ion:112 Resp: 307350
Ion Ratio Lower Upper
112 100
64 64.6 55.9 83.9
63 33.1 29.0 43.6

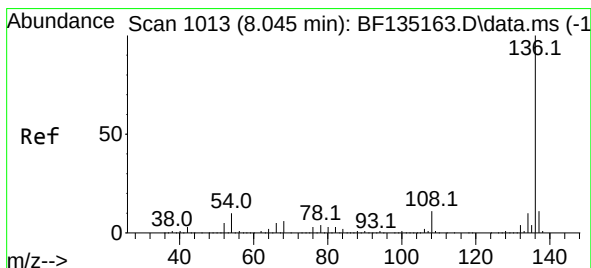
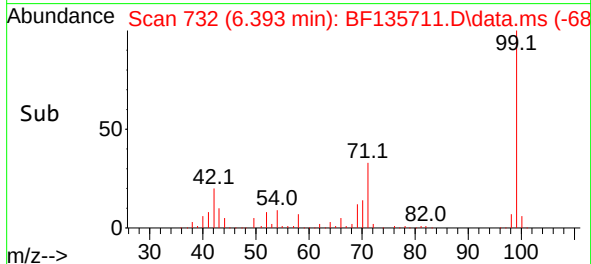
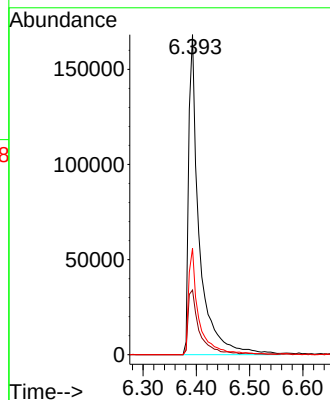
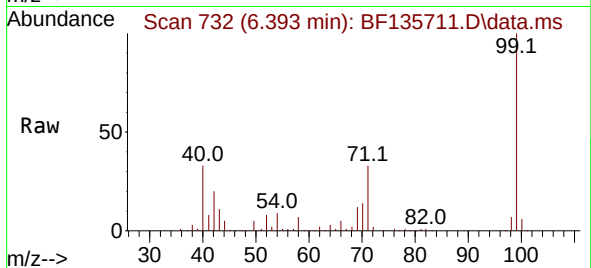




#7
Phenol-d6
Concen: 33.997 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

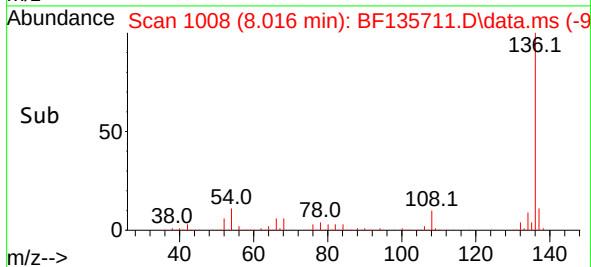
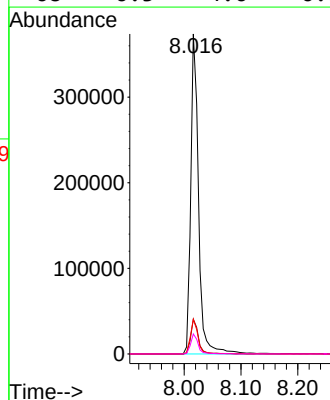
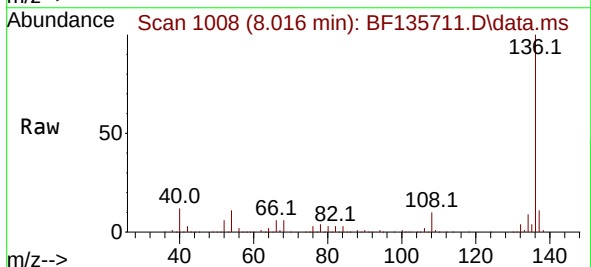
Instrument :
BNA_F
ClientSampleId :
MW-103D

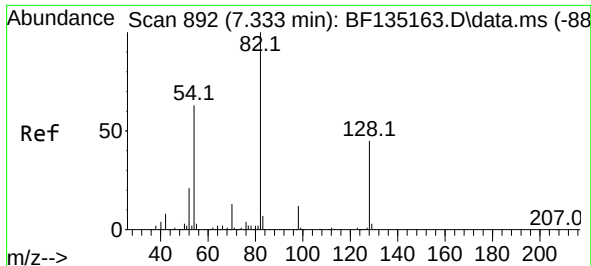
Tgt Ion: 99 Resp: 232902
Ion Ratio Lower Upper
99 100
42 20.2 17.9 26.9
71 33.3 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

Tgt Ion: 136 Resp: 356248
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.8 7.7 11.5
68 6.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 99.515 ng

RT: 7.310 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF135711.D

Acq: 11 Oct 2023 14:09

Instrument :

BNA_F

ClientSampleId :

MW-103D

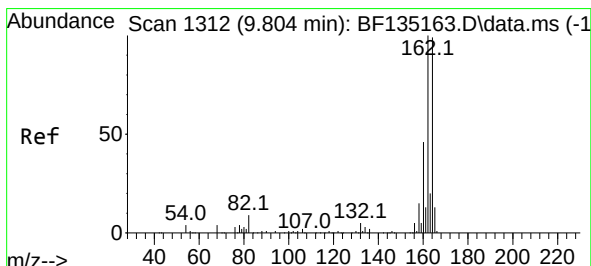
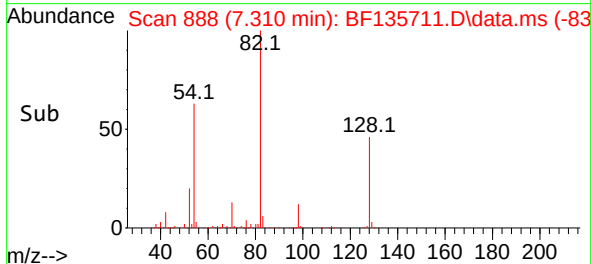
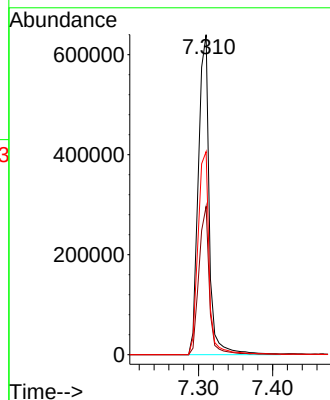
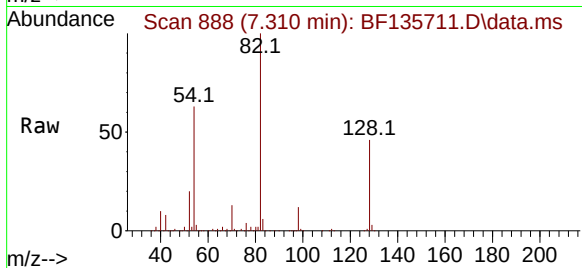
Tgt Ion: 82 Resp: 652538

Ion Ratio Lower Upper

82 100

128 46.4 35.8 53.6

54 63.4 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.006 min

Lab File: BF135711.D

Acq: 11 Oct 2023 14:09

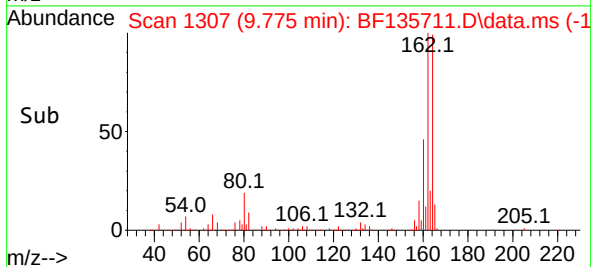
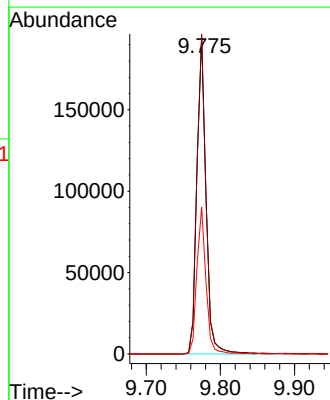
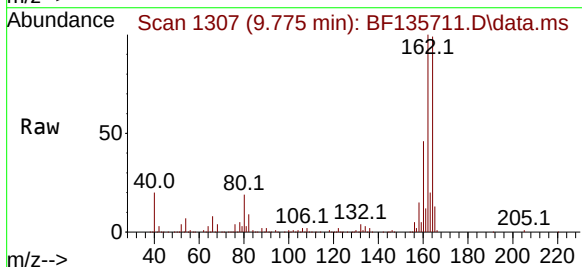
Tgt Ion: 164 Resp: 166433

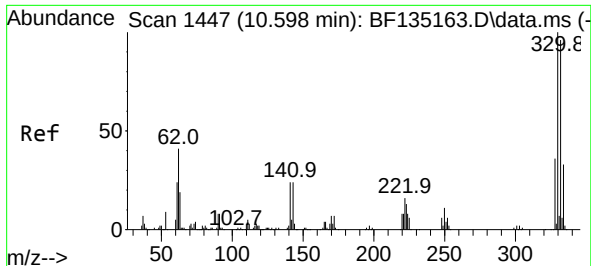
Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.4

160 46.4 37.0 55.4

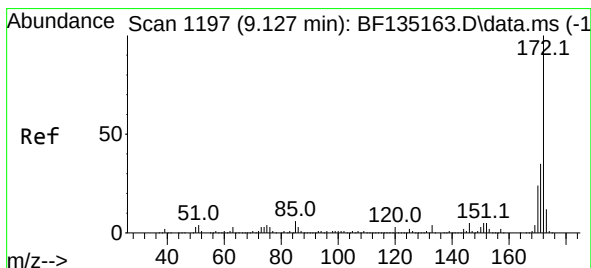
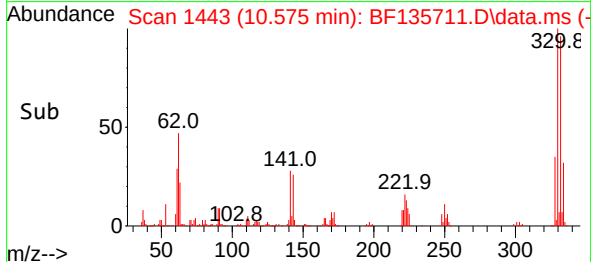
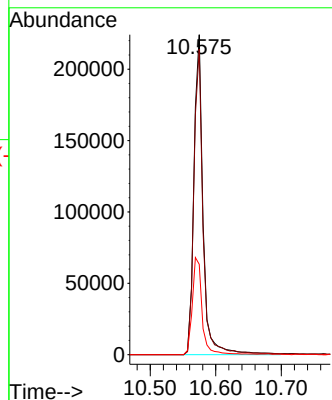
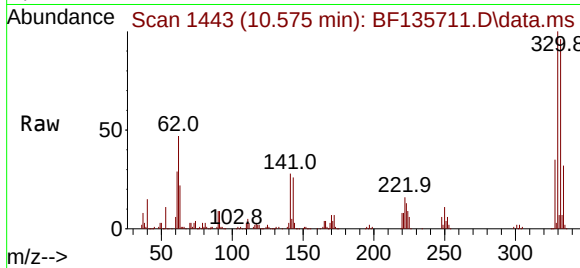




#42
2,4,6-Tribromophenol
Concen: 132.176 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

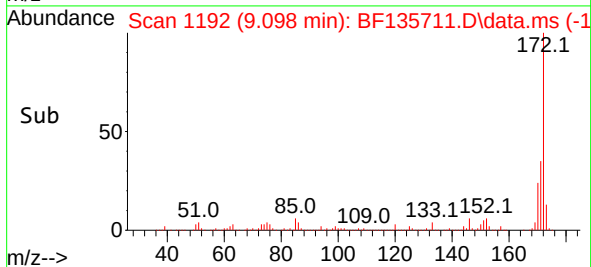
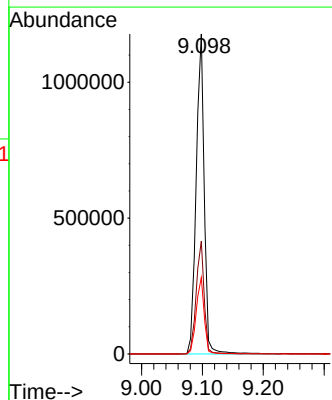
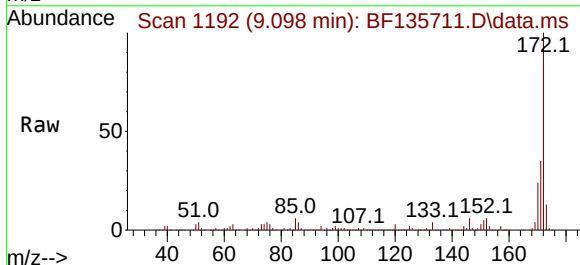
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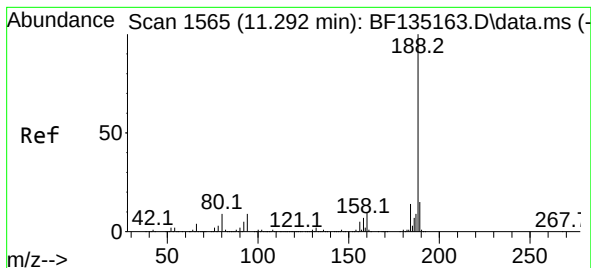
Tgt Ion:330 Resp: 218611
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 32.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 98.731 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135711.D
Acq: 11 Oct 2023 14:09

Tgt Ion:172 Resp: 1089136
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135711.D

Acq: 11 Oct 2023 14:09

Instrument :

BNA_F

ClientSampleId :

MW-103D

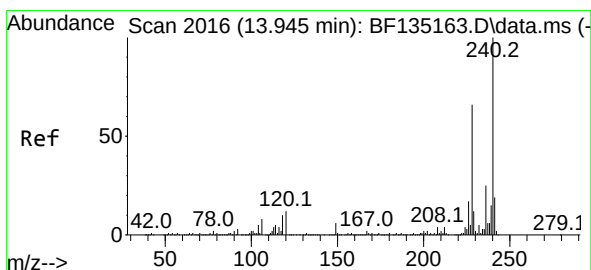
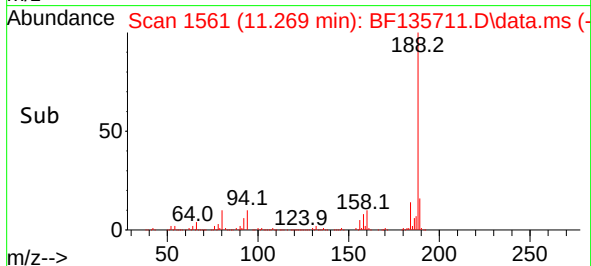
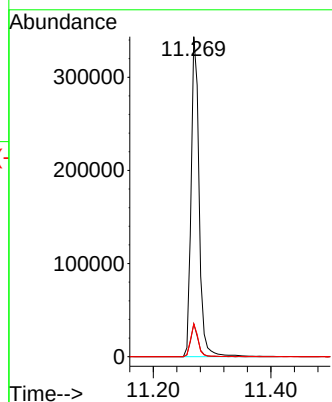
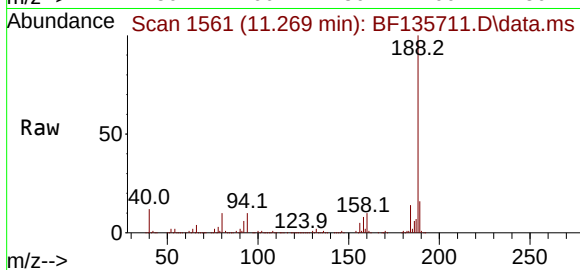
Tgt Ion:188 Resp: 326049

Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.6

80 10.2 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.006 min

Lab File: BF135711.D

Acq: 11 Oct 2023 14:09

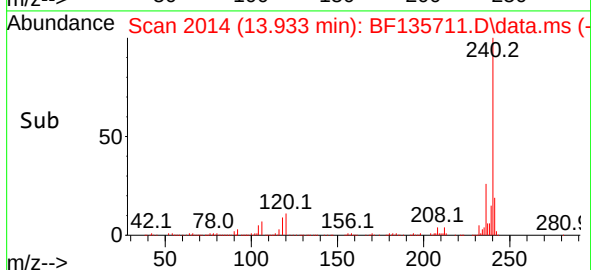
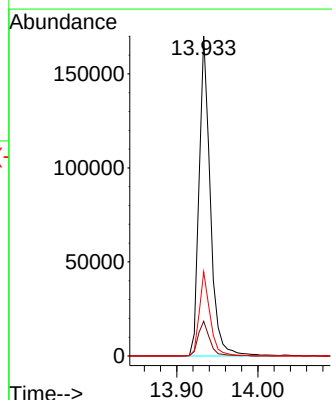
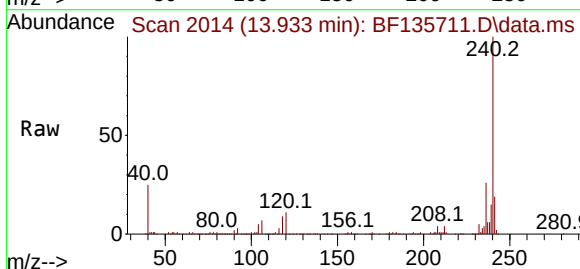
Tgt Ion:240 Resp: 163387

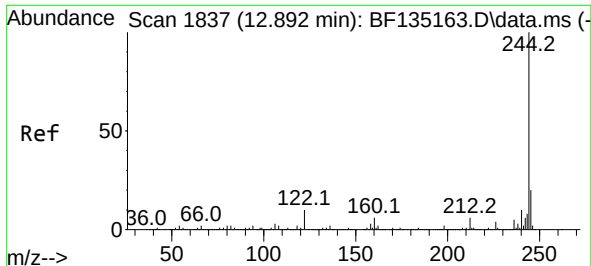
Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

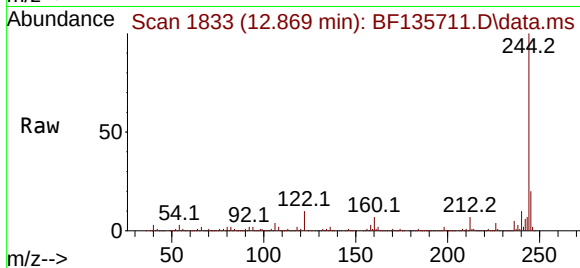
236 26.3 19.8 29.8



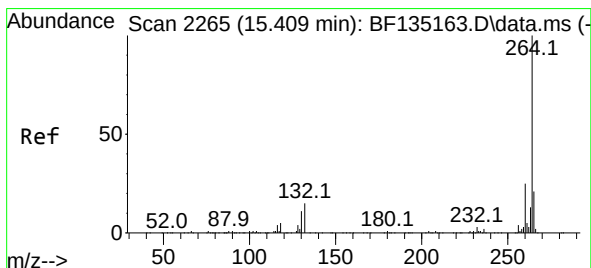
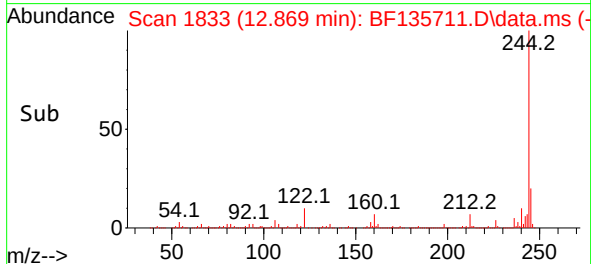
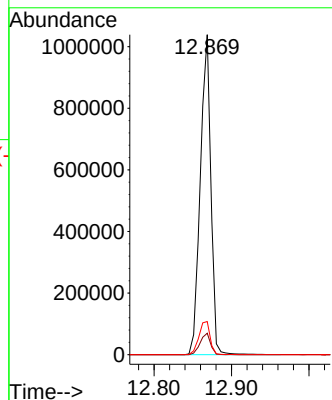


#79
 Terphenyl-d14
 Concen: 93.188 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF135711.D
 Acq: 11 Oct 2023 14:09

Instrument :
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 MW-103D



Tgt Ion:244 Resp: 982178
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. 0.000 min
 Lab File: BF135711.D
 Acq: 11 Oct 2023 14:09

Tgt Ion:264 Resp: 197488
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.8 29.6
 265 21.4 17.0 25.4

