

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135662.D
 Acq On : 09 Oct 2023 21:11
 Operator : CG\JU
 Sample : 04656-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-106D

Quant Time: Oct 10 02:28:17 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 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	103156	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	386960	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	182392	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	306240	20.000	ng	0.00
76) Chrysene-d12	13.933	240	189338	20.000	ng	0.00
86) Perylene-d12	15.404	264	202686	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	353729	55.772	ng	0.00
7) Phenol-d6	6.387	99	259363	32.160	ng	0.00
23) Nitrobenzene-d5	7.310	82	639991	89.855	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	222501	122.757	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1109330	91.762	ng	0.00
79) Terphenyl-d14	12.869	244	897241	73.461	ng	0.00

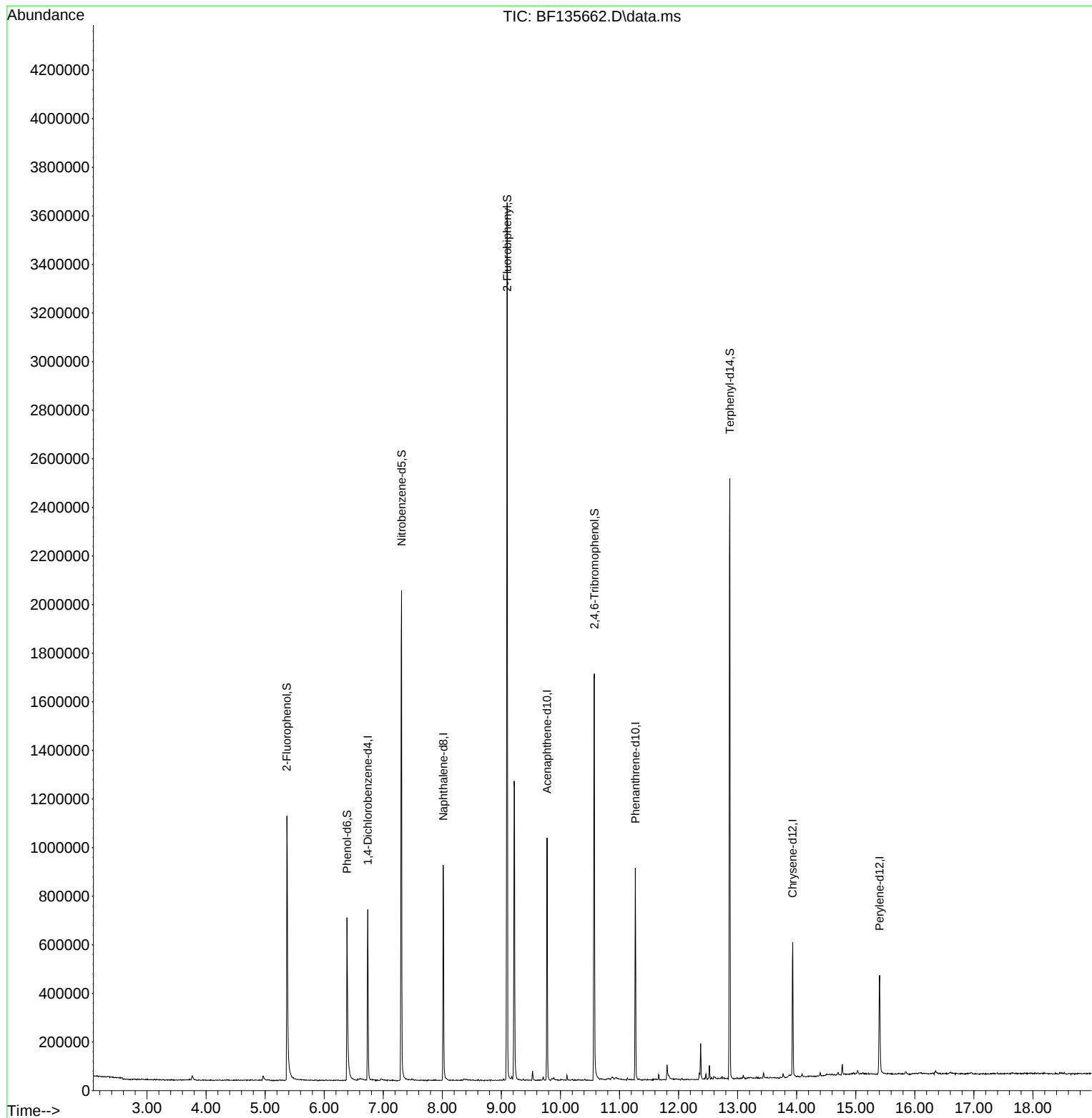
Target Compounds	Qvalue

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

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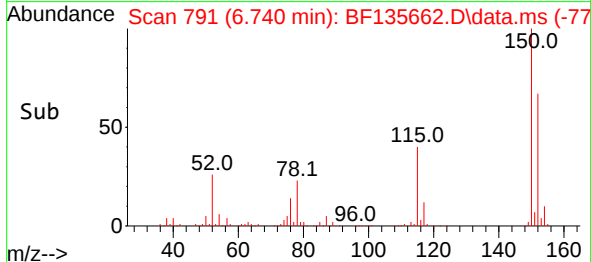
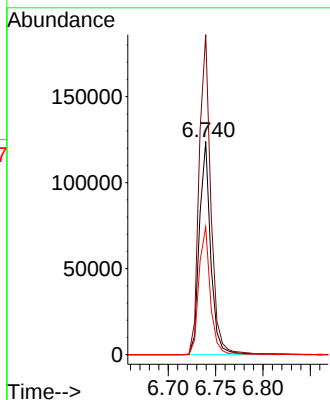
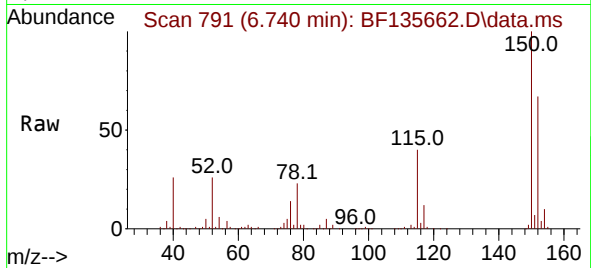




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

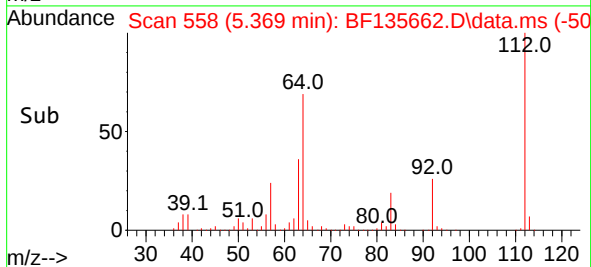
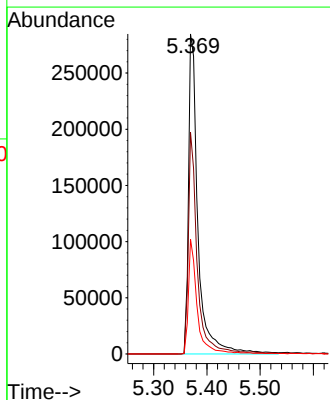
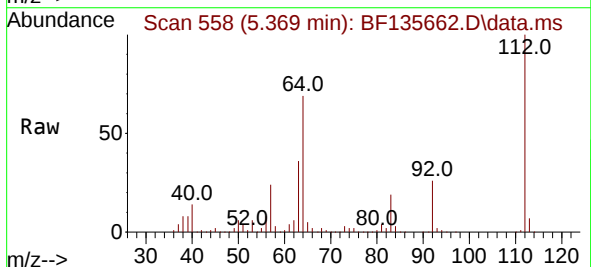
Instrument :
BNA_F
ClientSampleId :
MW-106D

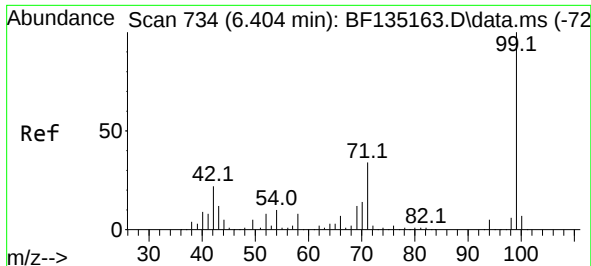
Tgt Ion:152 Resp: 103156
Ion Ratio Lower Upper
152 100
150 150.2 127.8 191.6
115 60.0 49.8 74.8



#5
2-Fluorophenol
Concen: 55.772 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.000 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

Tgt Ion:112 Resp: 353729
Ion Ratio Lower Upper
112 100
64 69.3 55.9 83.9
63 35.9 29.0 43.6

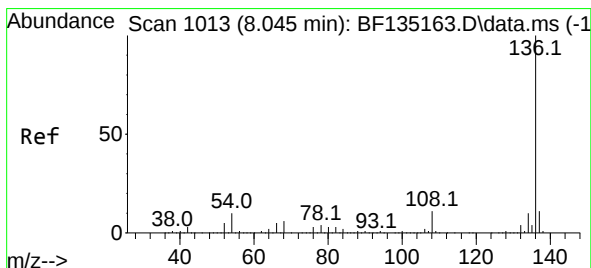
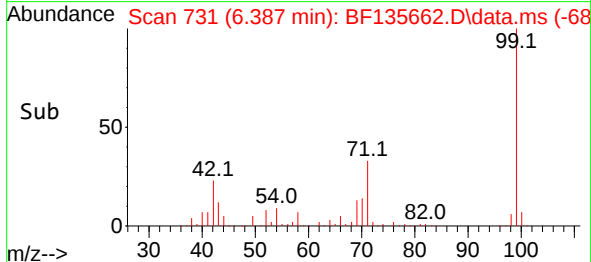
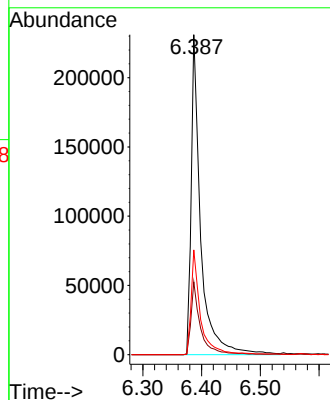
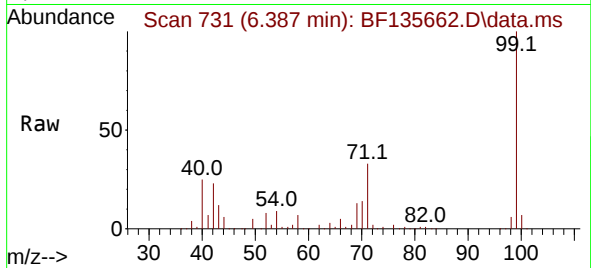




#7
Phenol-d6
Concen: 32.160 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

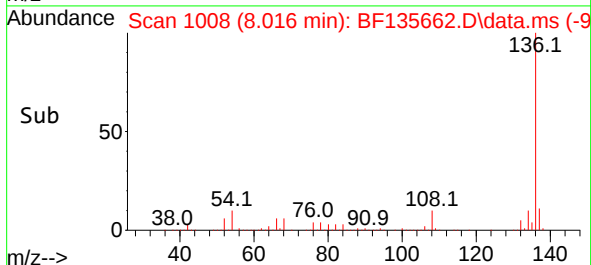
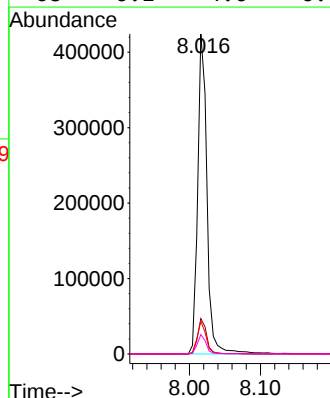
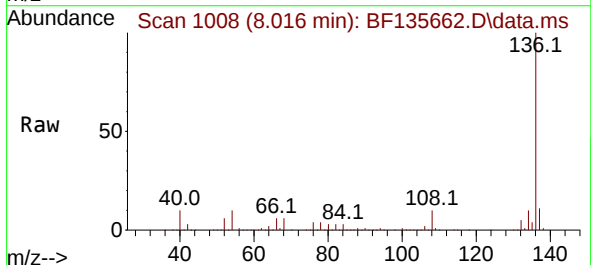
Instrument :
BNA_F
ClientSampleId :
MW-106D

Tgt Ion: 99 Resp: 259363
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 32.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

Tgt Ion: 136 Resp: 386960
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.2 7.7 11.5
68 6.1 4.6 6.8

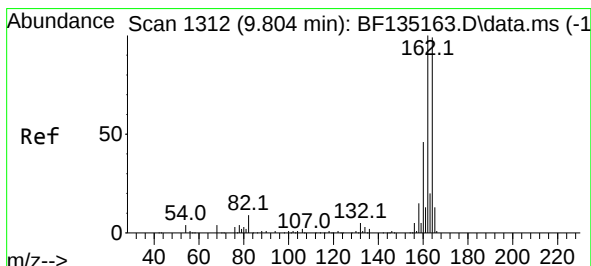
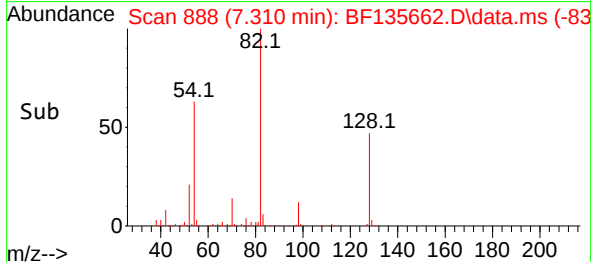
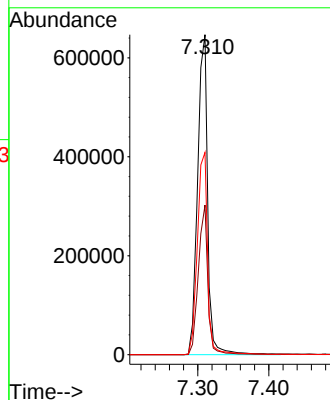
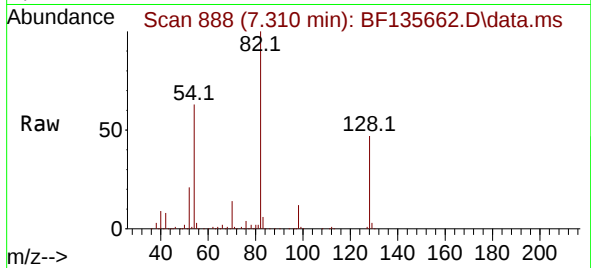




#23
Nitrobenzene-d5
Concen: 89.855 ng
RT: 7.310 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

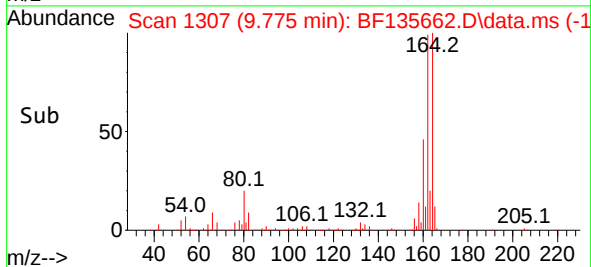
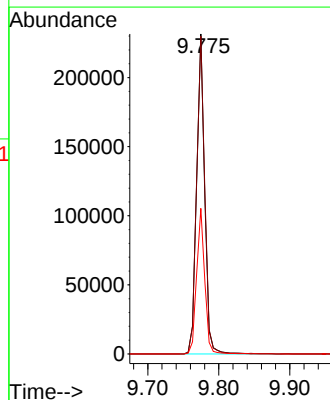
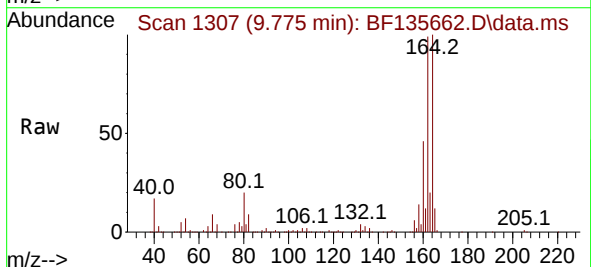
Instrument :
BNA_F
ClientSampleId :
MW-106D

Tgt Ion: 82 Resp: 639991
Ion Ratio Lower Upper
82 100
128 46.7 35.8 53.6
54 63.2 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135662.D
Acq: 09 Oct 2023 21:11

Tgt Ion:164 Resp: 182392
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.4
160 45.5 37.0 55.4

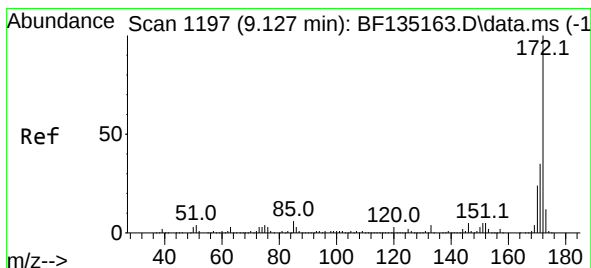
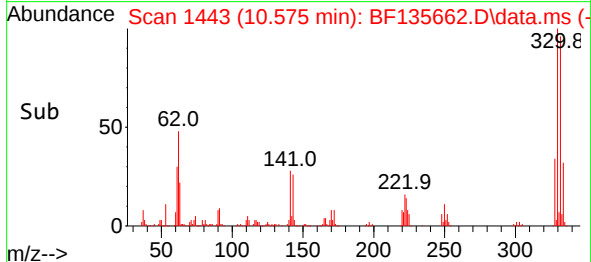
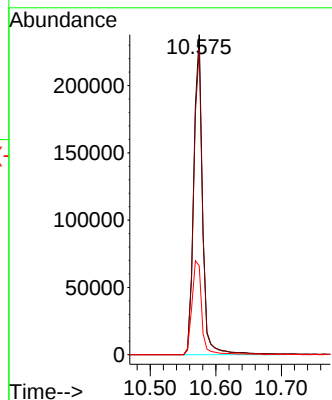
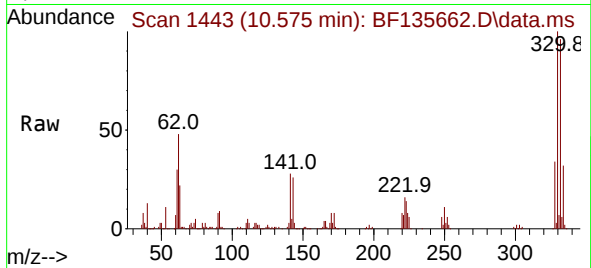




#42
 2,4,6-Tribromophenol
 Concen: 122.757 ng
 RT: 10.575 min Scan# 1443
 Delta R.T. 0.006 min
 Lab File: BF135662.D
 Acq: 09 Oct 2023 21:11

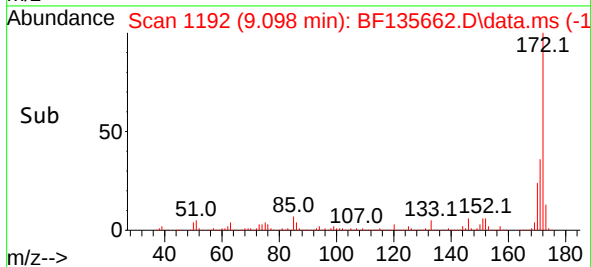
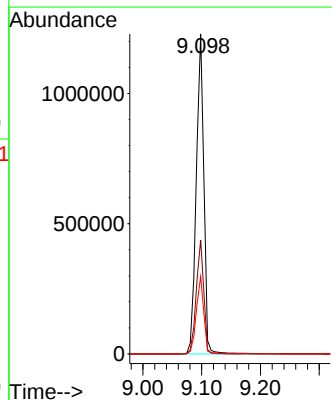
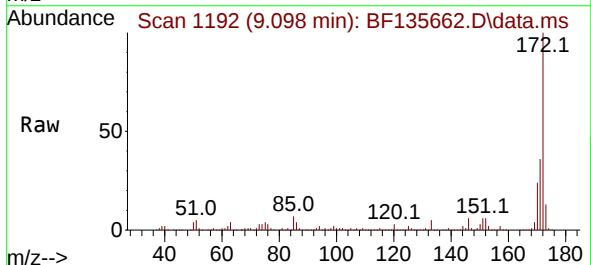
Instrument :
 BNA_F
 ClientSampleId :
 MW-106D

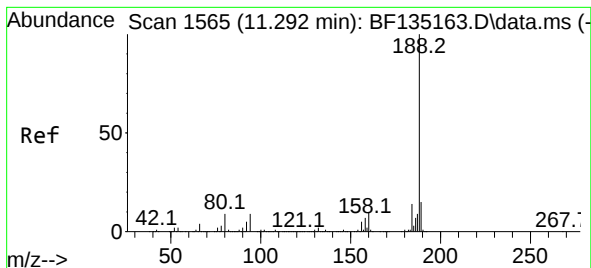
Tgt Ion:330 Resp: 222501
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 32.8 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 91.762 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BF135662.D
 Acq: 09 Oct 2023 21:11

Tgt Ion:172 Resp: 1109330
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.4 42.6
 170 24.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135662.D

Acq: 09 Oct 2023 21:11

Instrument :

BNA_F

ClientSampleId :

MW-106D

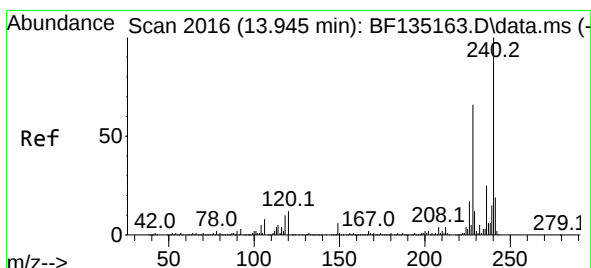
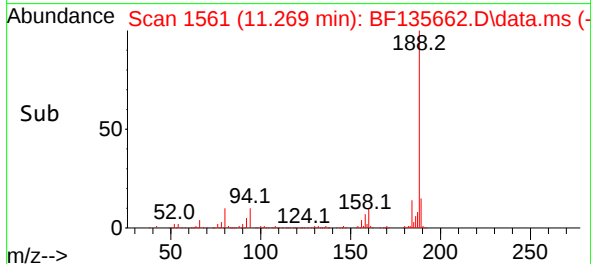
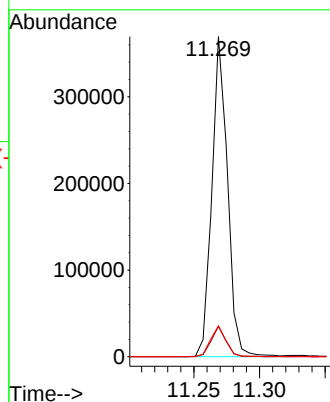
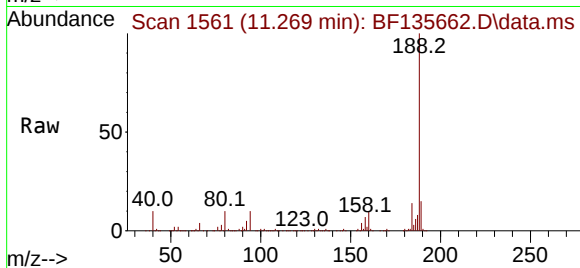
Tgt Ion:188 Resp: 306240

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.6

80 9.6 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: BF135662.D

Acq: 09 Oct 2023 21:11

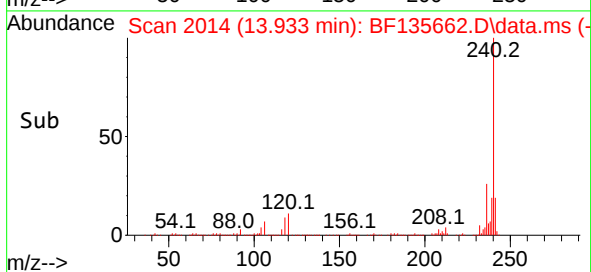
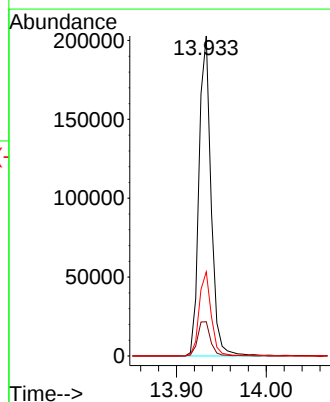
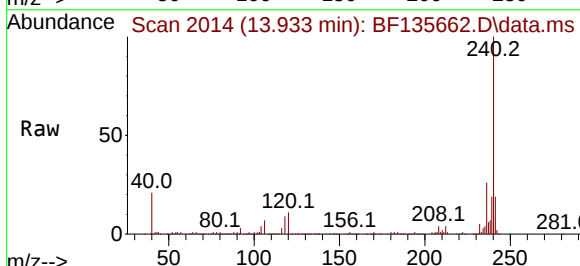
Tgt Ion:240 Resp: 189338

Ion Ratio Lower Upper

240 100

120 10.7 9.4 14.2

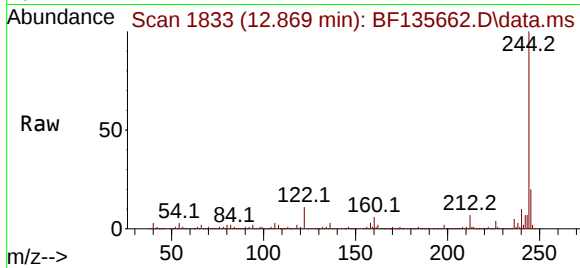
236 26.3 19.8 29.8



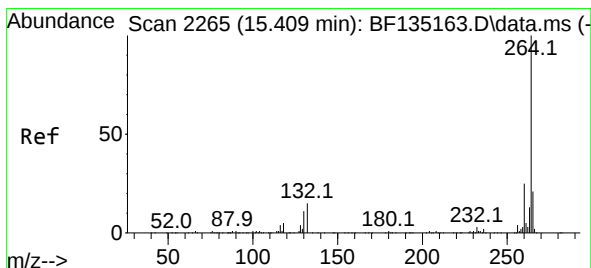
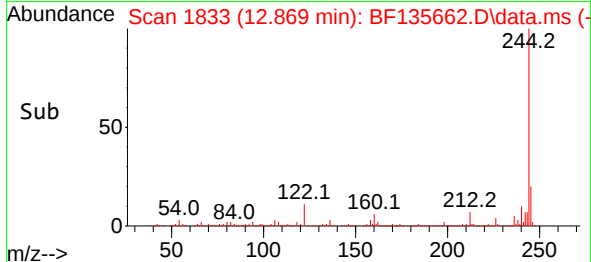
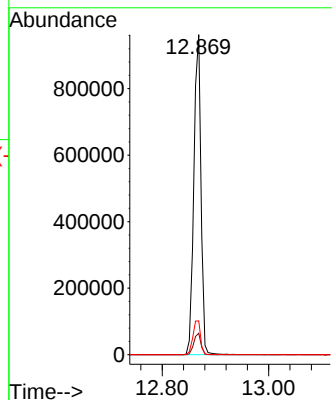


#79
 Terphenyl-d14
 Concen: 73.461 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135662.D
 Acq: 09 Oct 2023 21:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-106D



Tgt Ion:244 Resp: 897241
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. 0.018 min
 Lab File: BF135662.D
 Acq: 09 Oct 2023 21:11

Tgt Ion:264 Resp: 202686
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 21.1 17.0 25.4

