

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101223\
 Data File : BF135730.D
 Acq On : 12 Oct 2023 12:49
 Operator : CG\JU
 Sample : 04685-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B13-0-7.5

Quant Time: Oct 13 00:54:47 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	6.739	152	86836	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	297621	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	141369	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	240814	20.000	ng	0.00
76) Chrysene-d12	13.933	240	152992	20.000	ng	0.00
86) Perylene-d12	15.409	264	145137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	530030	99.275	ng	0.00
7) Phenol-d6	6.392	99	651257	95.930	ng	0.00
23) Nitrobenzene-d5	7.304	82	388919	70.995	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	120135	85.514	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	640322	68.337	ng	0.00
79) Terphenyl-d14	12.863	244	529707	53.673	ng	0.00

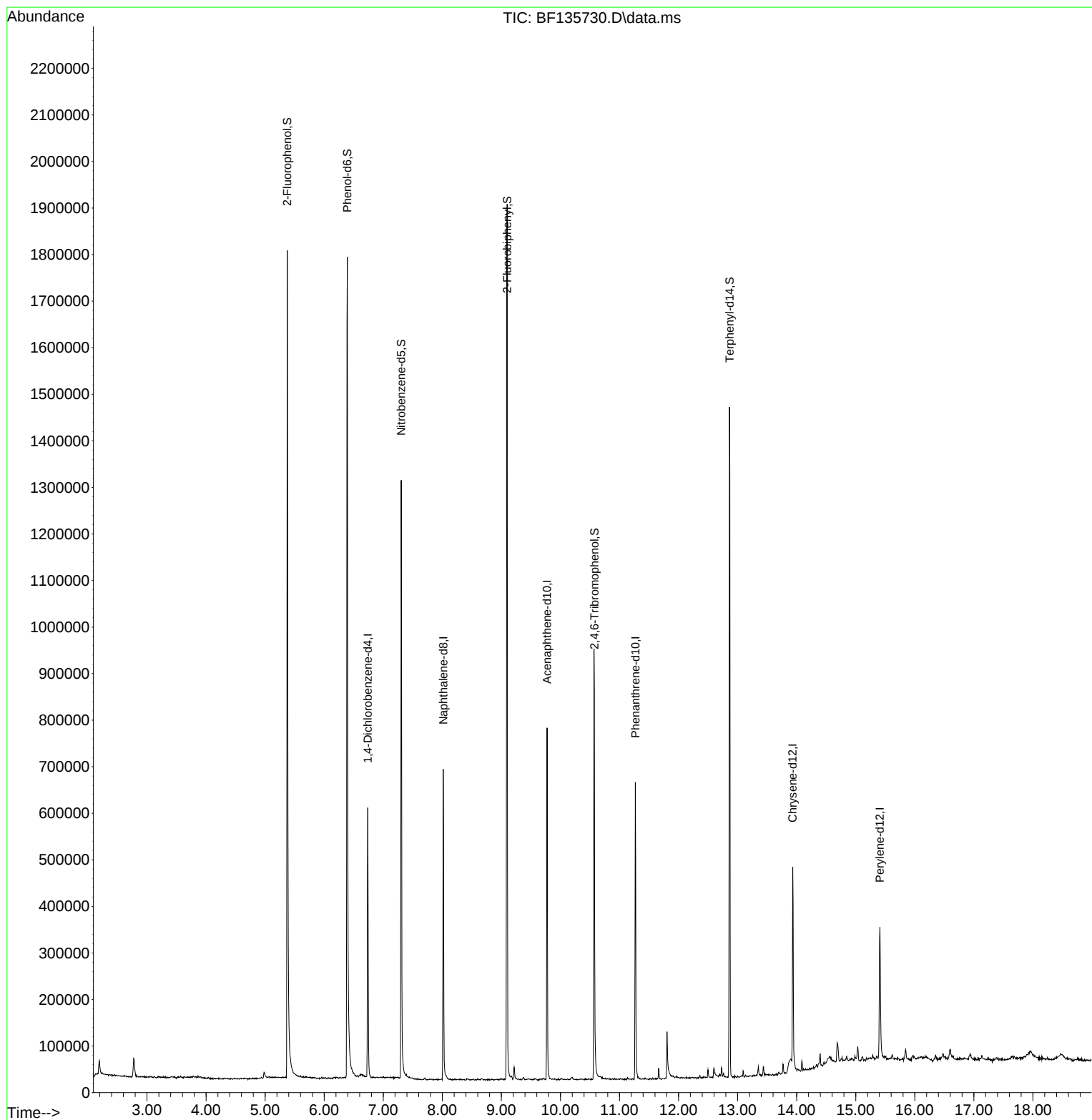
Target Compounds	Qvalue

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

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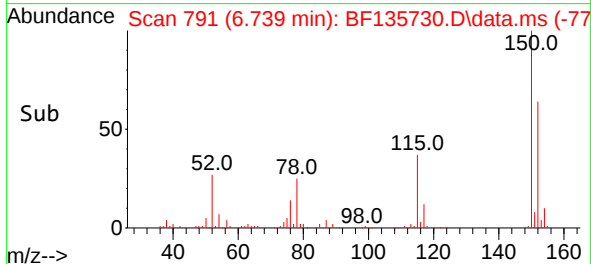
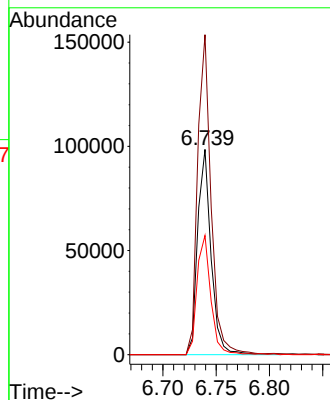
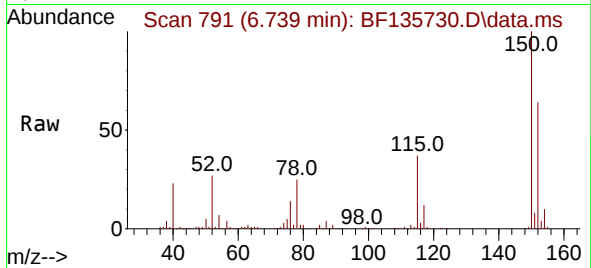




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135730.D
Acq: 12 Oct 2023 12:49

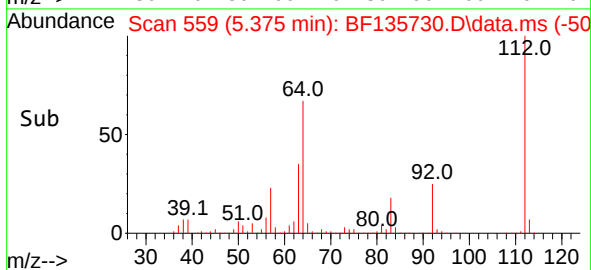
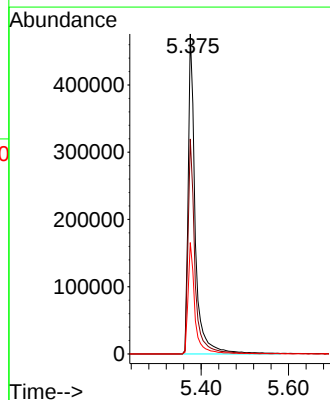
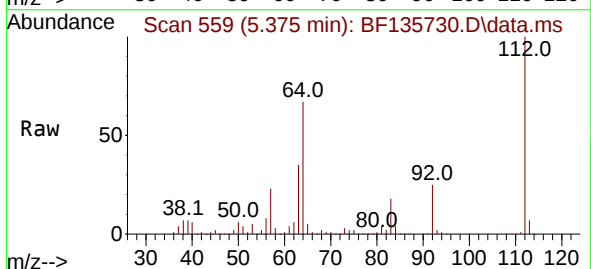
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B13-0-7.5

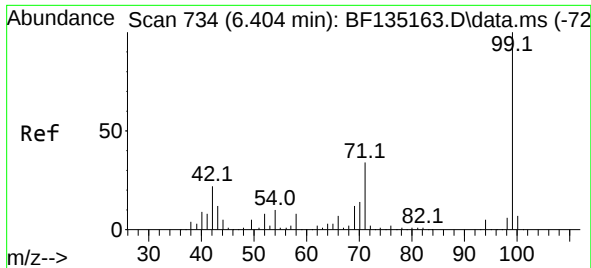
Tgt Ion:152 Resp: 86836
Ion Ratio Lower Upper
152 100
150 155.9 127.8 191.6
115 58.1 49.8 74.8



#5
2-Fluorophenol
Concen: 99.275 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135730.D
Acq: 12 Oct 2023 12:49

Tgt Ion:112 Resp: 530030
Ion Ratio Lower Upper
112 100
64 67.2 55.9 83.9
63 34.8 29.0 43.6

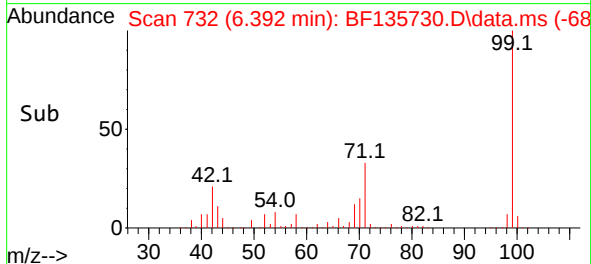
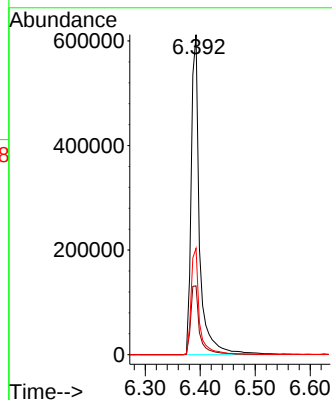
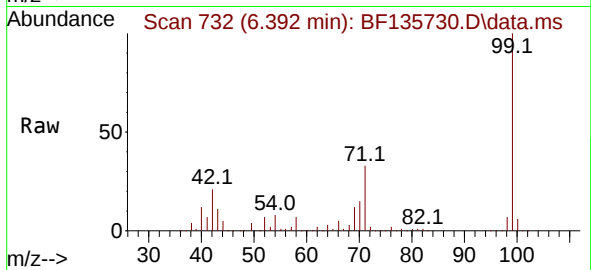




#7
Phenol-d6
Concen: 95.930 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135730.D
Acq: 12 Oct 2023 12:49

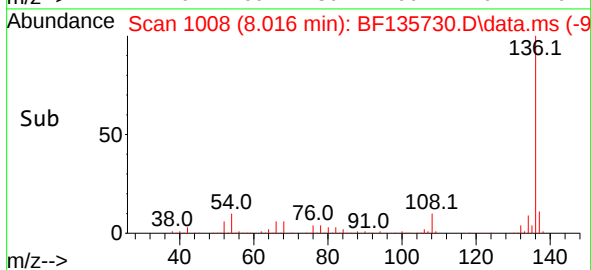
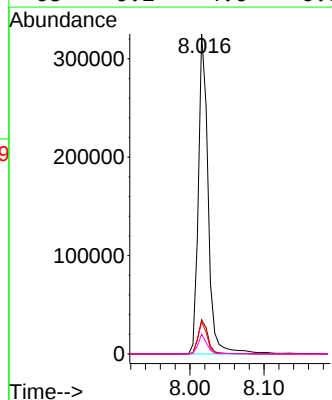
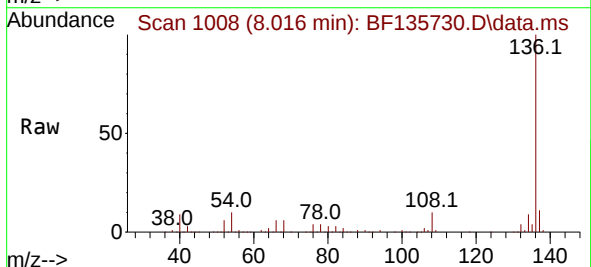
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B13-0-7.5

Tgt Ion: 99 Resp: 651257
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 33.2 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: BF135730.D
Acq: 12 Oct 2023 12:49

Tgt Ion: 136 Resp: 297621
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.1 7.7 11.5
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 70.995 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135730.D

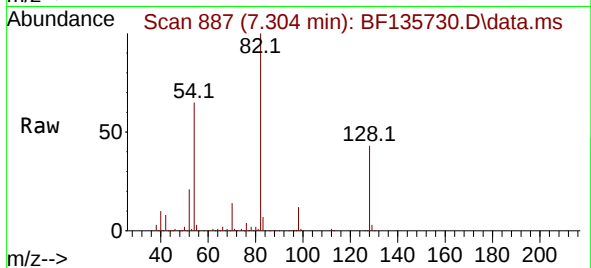
Acq: 12 Oct 2023 12:49

Instrument :

BNA_F

ClientSampleId :

PP-20230928-B13-0-7.5



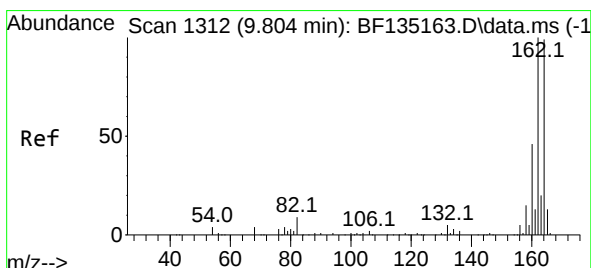
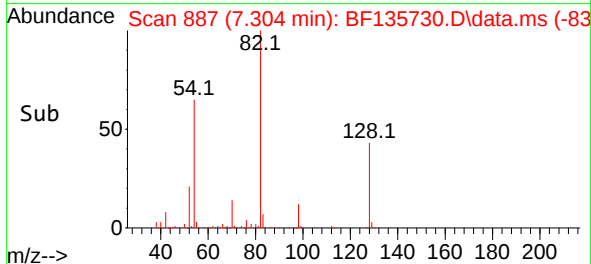
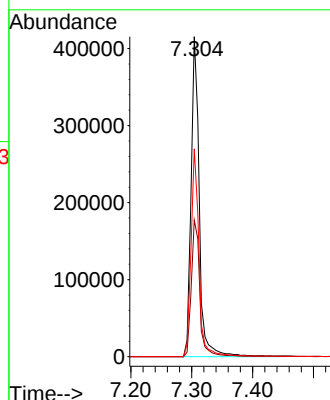
Tgt Ion: 82 Resp: 388919

Ion Ratio Lower Upper

82 100

128 42.7 35.8 53.6

54 65.0 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: BF135730.D

Acq: 12 Oct 2023 12:49

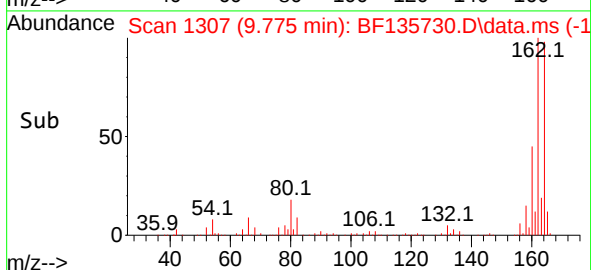
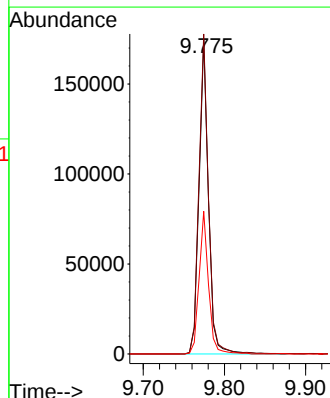
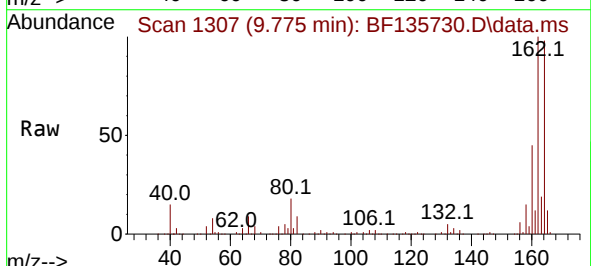
Tgt Ion: 164 Resp: 141369

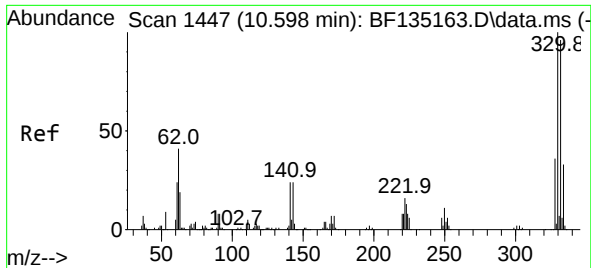
Ion Ratio Lower Upper

164 100

162 101.8 81.0 121.4

160 45.4 37.0 55.4

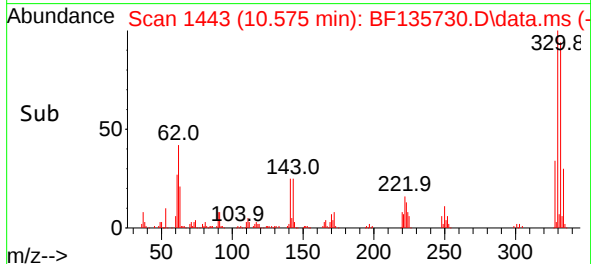
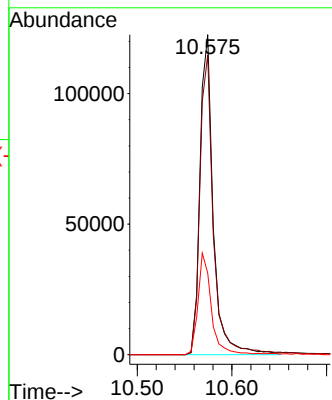
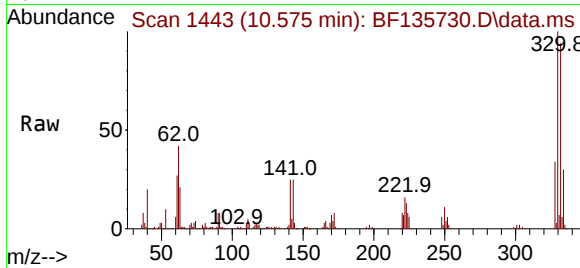




#42
2,4,6-Tribromophenol
Concen: 85.514 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF135730.D
Acq: 12 Oct 2023 12:49

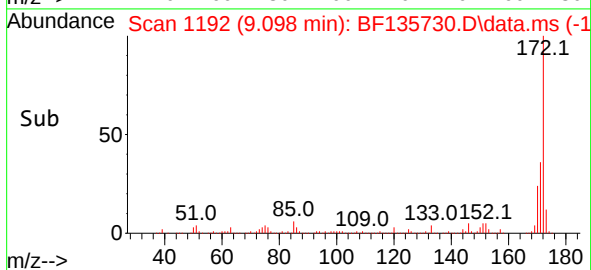
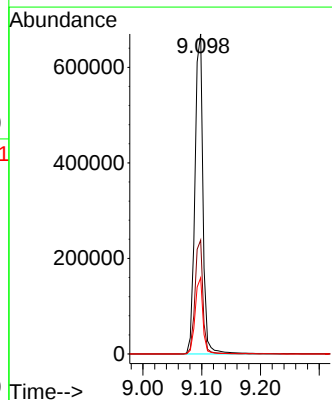
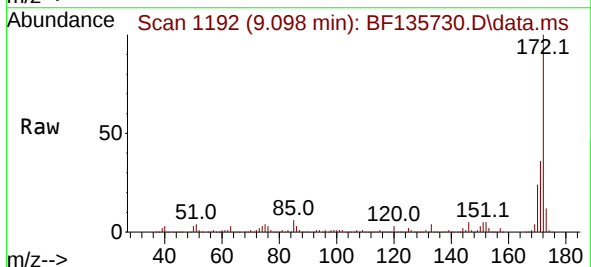
Instrument :
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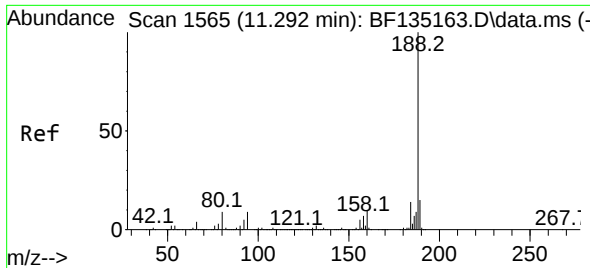
Tgt Ion:330 Resp: 120135
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 31.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 68.337 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF135730.D
Acq: 12 Oct 2023 12:49

Tgt Ion:172 Resp: 640322
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.8 19.0 28.4

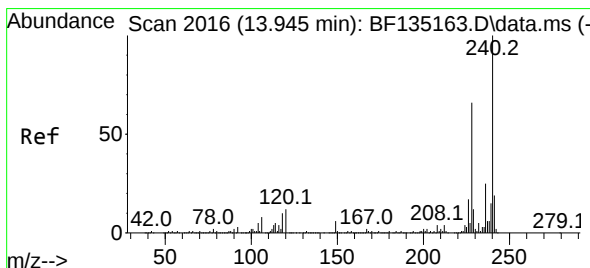
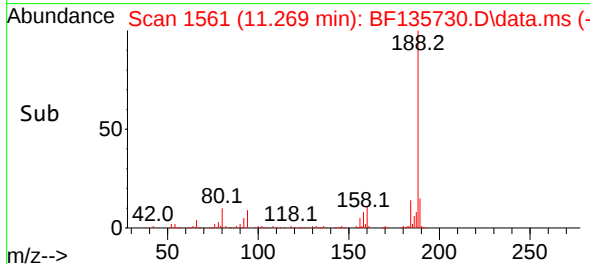
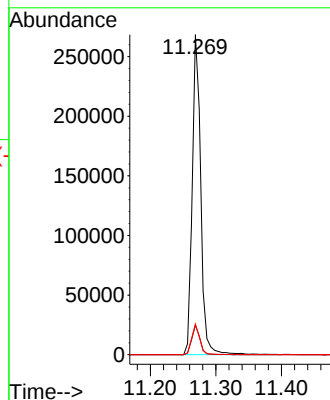
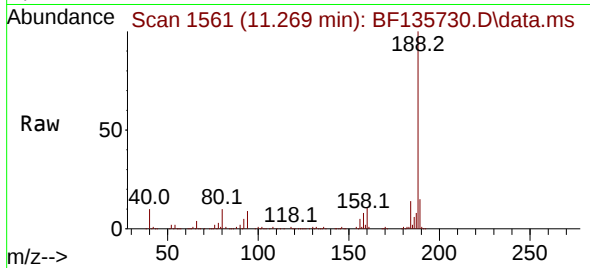




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135730.D
Acq: 12 Oct 2023 12:49

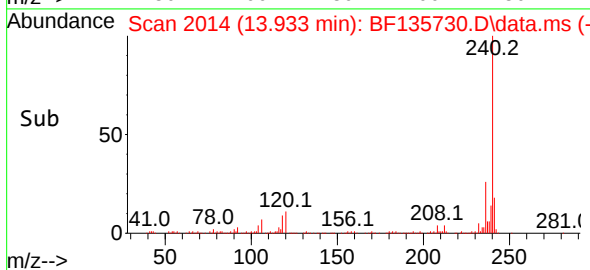
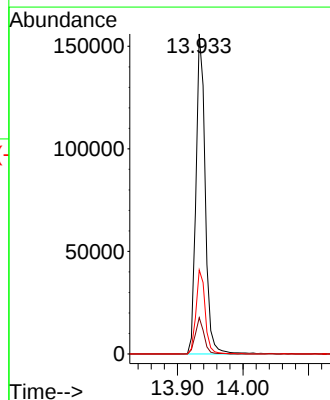
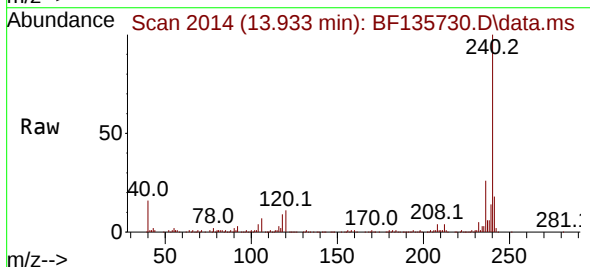
Instrument :
BNA_F
ClientSampleId :
PP-20230928-B13-0-7.5

Tgt Ion:188 Resp: 240814
Ion Ratio Lower Upper
188 100
94 9.2 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: BF135730.D
Acq: 12 Oct 2023 12:49

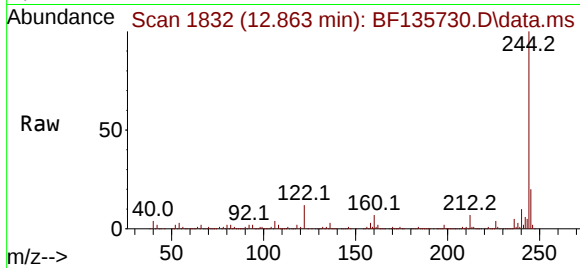
Tgt Ion:240 Resp: 152992
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 26.2 19.8 29.8



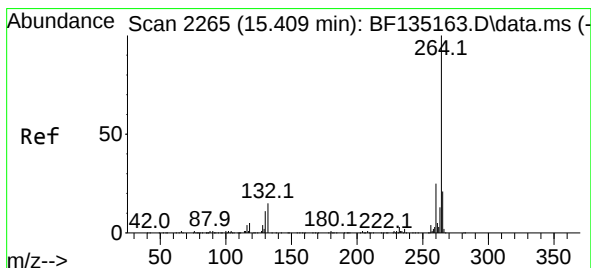
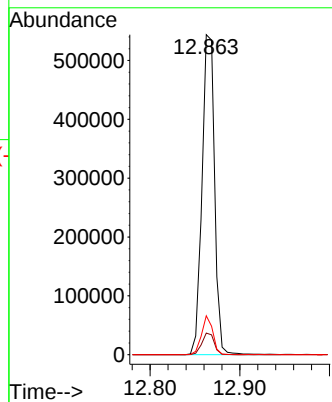
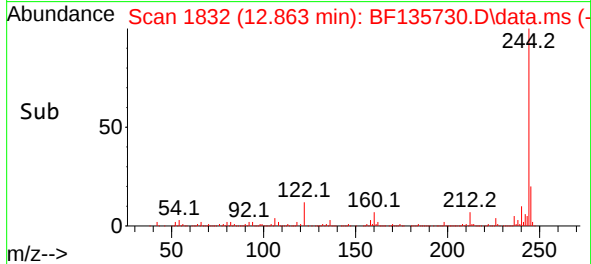


#79
 Terphenyl-d14
 Concen: 53.673 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF135730.D
 Acq: 12 Oct 2023 12:49

Instrument :
 BNA_F
 ClientSampleId :
 PP-20230928-B13-0-7.5



Tgt Ion:244 Resp: 529707
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.2 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135730.D
 Acq: 12 Oct 2023 12:49

Tgt Ion:264 Resp: 145137
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.8 29.6
 265 20.9 17.0 25.4

