

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135859.D
 Acq On : 18 Oct 2023 21:25
 Operator : CG\JU
 Sample : 04740-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FW9D

Quant Time: Oct 19 02:09:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	83396	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	317922	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	168414	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	332939	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	193105	20.000	ng	-0.01
86) Perylene-d12	15.415	264	162120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	342573	66.043	ng	0.00
7) Phenol-d6	6.392	99	261047	40.334	ng	0.00
23) Nitrobenzene-d5	7.310	82	603828	104.460	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	263581	163.100	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1090448	101.234	ng	0.00
79) Terphenyl-d14	12.868	244	1165886	111.811	ng	-0.01

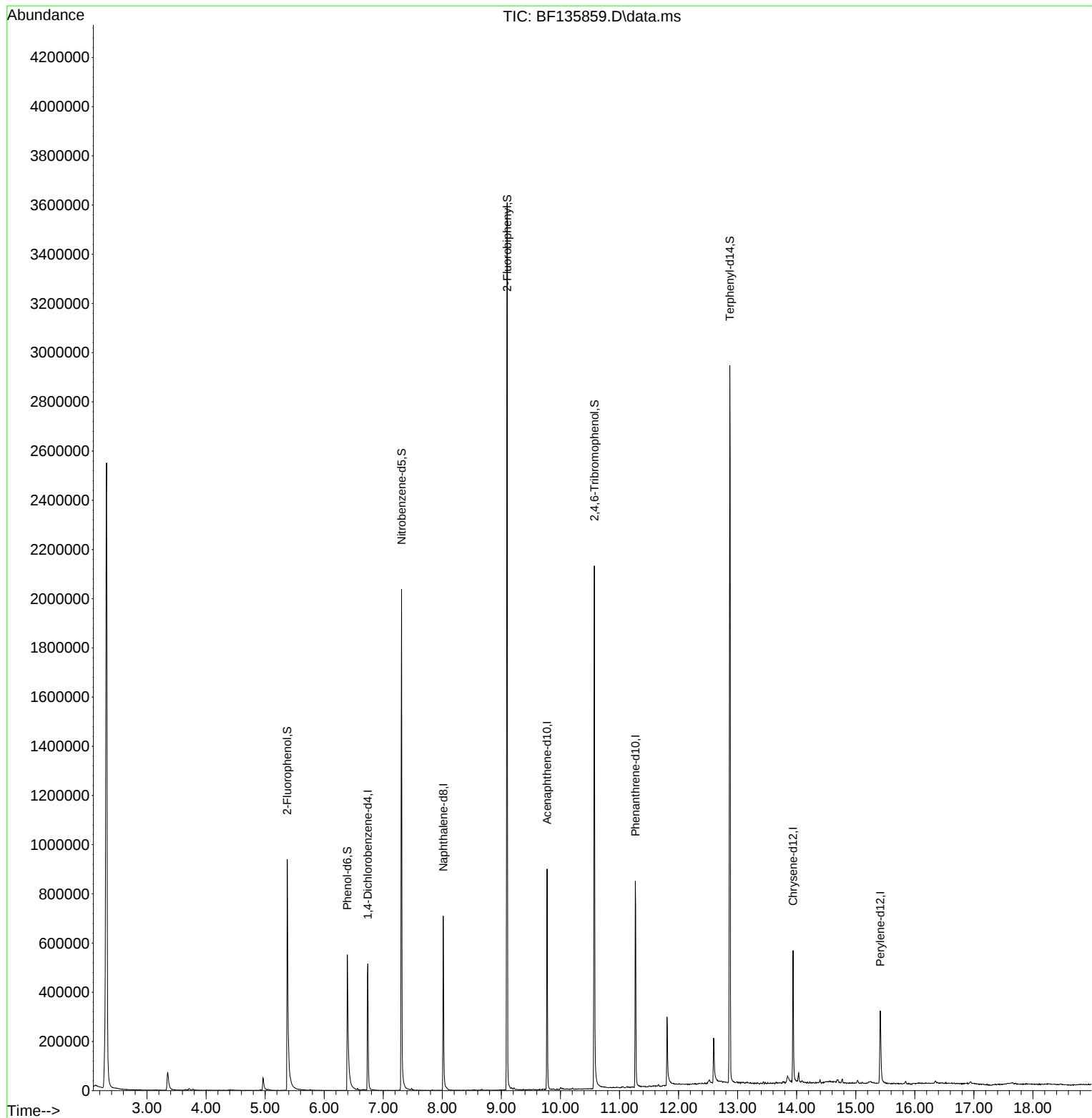
Target Compounds	Qvalue

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

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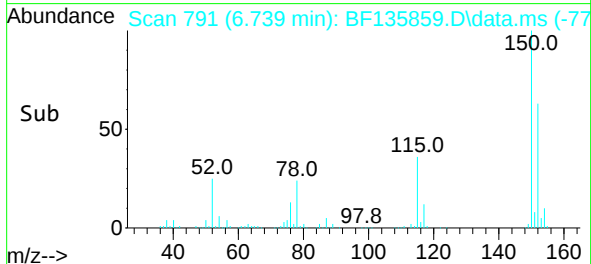
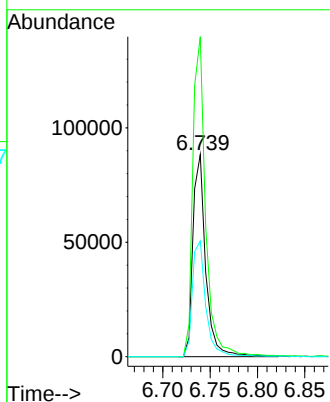
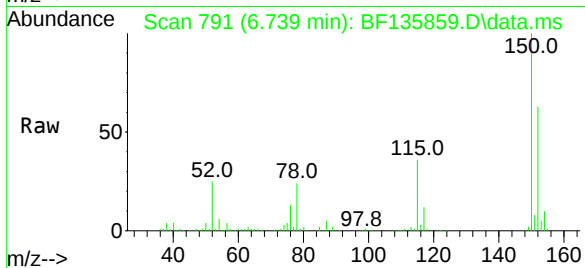




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135859.D
Acq: 18 Oct 2023 21:25

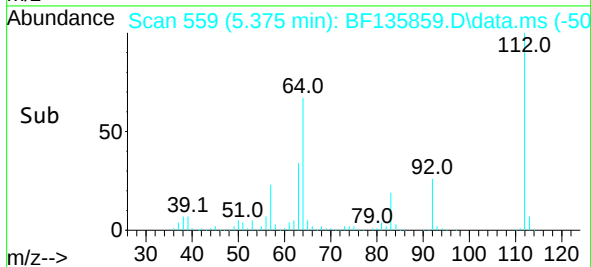
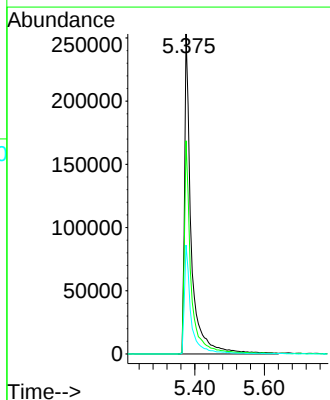
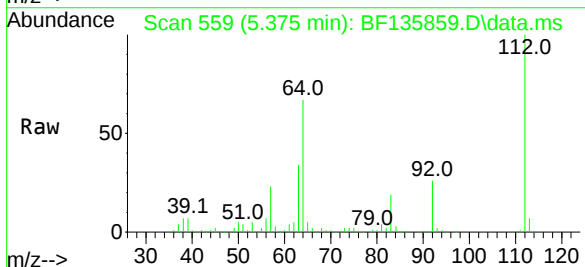
Instrument :
BNA_F
ClientSampleId :
FW9D

Tgt Ion:152 Resp: 83396
Ion Ratio Lower Upper
152 100
150 158.3 124.5 186.7
115 57.3 49.0 73.4



#5
2-Fluorophenol
Concen: 66.043 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.000 min
Lab File: BF135859.D
Acq: 18 Oct 2023 21:25

Tgt Ion:112 Resp: 342573
Ion Ratio Lower Upper
112 100
64 66.6 51.2 76.8
63 34.1 26.1 39.1

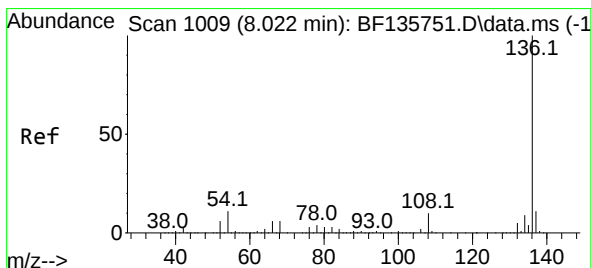
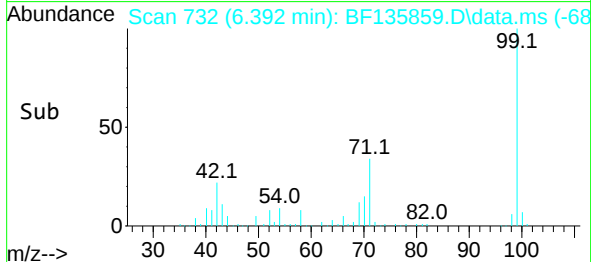
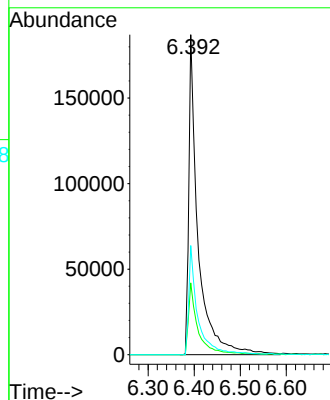
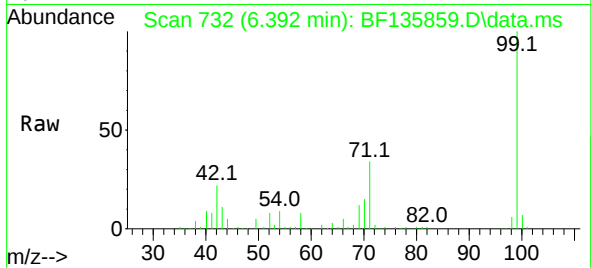




#7
Phenol-d6
Concen: 40.334 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135859.D
Acq: 18 Oct 2023 21:25

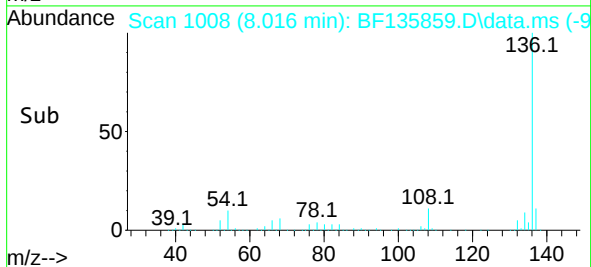
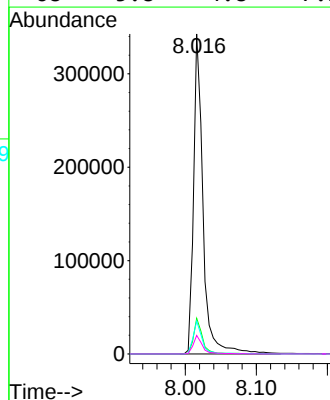
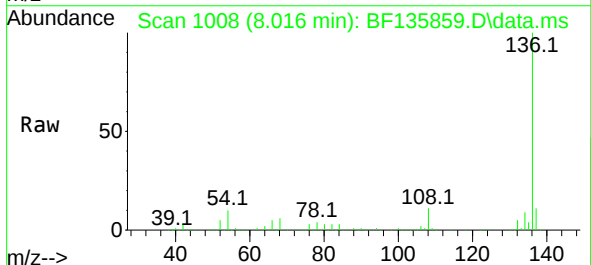
Instrument :
BNA_F
ClientSampleId :
FW9D

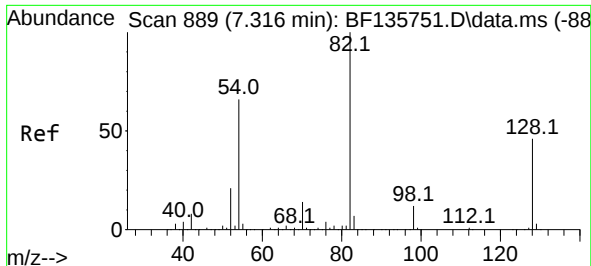
Tgt Ion: 99 Resp: 261047
Ion Ratio Lower Upper
99 100
42 22.5 18.4 27.6
71 34.1 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135859.D
Acq: 18 Oct 2023 21:25

Tgt Ion: 136 Resp: 317922
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.2 8.5 12.7
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 104.460 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135859.D

Acq: 18 Oct 2023 21:25

Instrument :

BNA_F

ClientSampleId :

FW9D

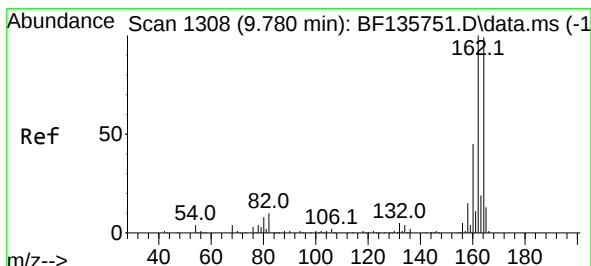
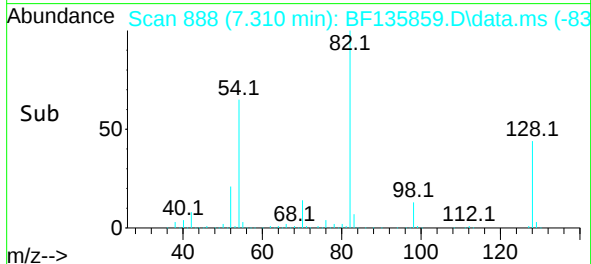
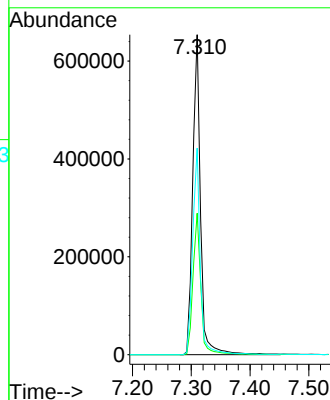
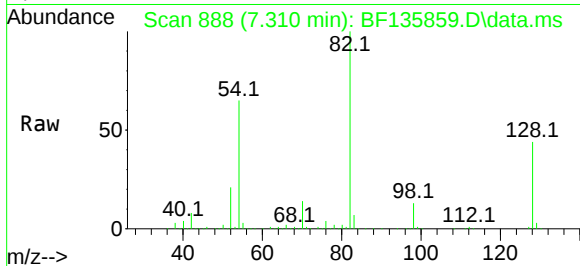
Tgt Ion: 82 Resp: 603828

Ion Ratio Lower Upper

82 100

128 44.2 37.0 55.6

54 64.5 52.8 79.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.012 min

Lab File: BF135859.D

Acq: 18 Oct 2023 21:25

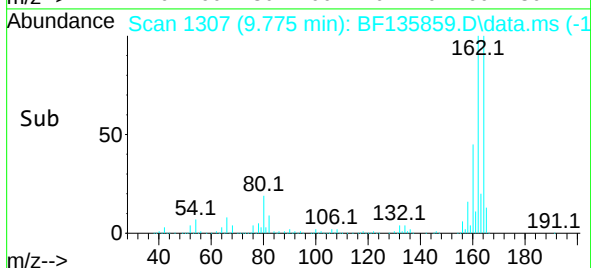
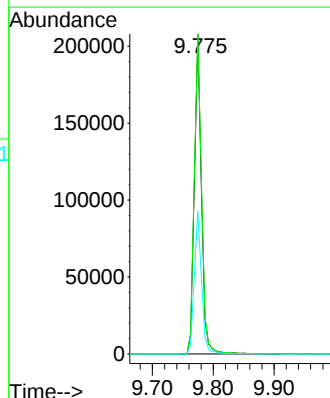
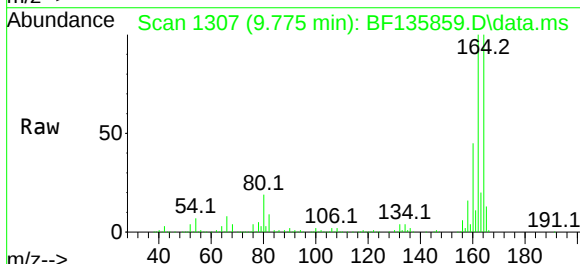
Tgt Ion:164 Resp: 168414

Ion Ratio Lower Upper

164 100

162 99.9 80.8 121.2

160 44.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 163.100 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF135859.D

Acq: 18 Oct 2023 21:25

Instrument :

BNA_F

ClientSampleId :

FW9D

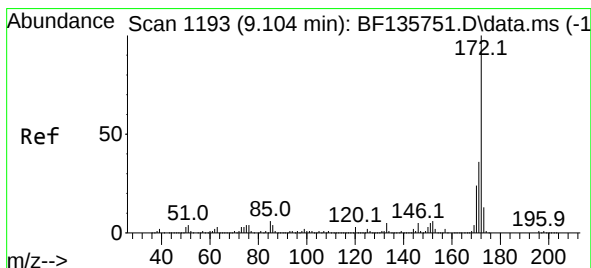
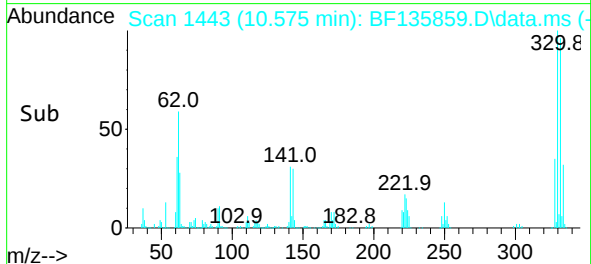
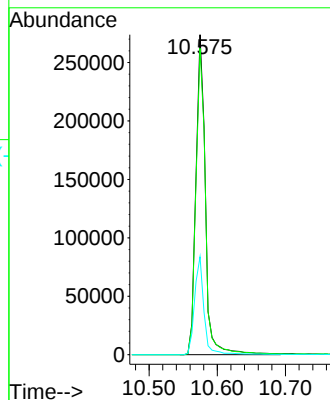
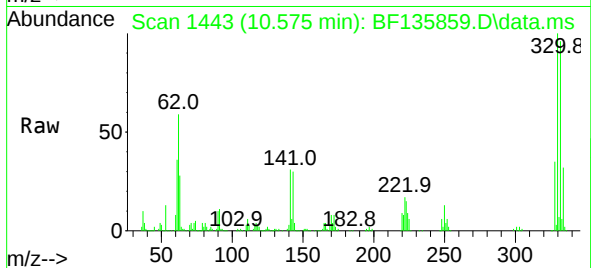
Tgt Ion:330 Resp: 263581

Ion Ratio Lower Upper

330 100

332 97.3 75.0 112.4

141 30.7 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 101.234 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135859.D

Acq: 18 Oct 2023 21:25

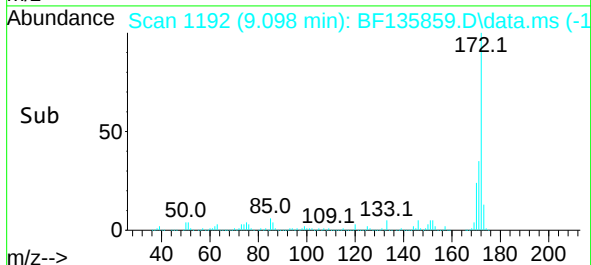
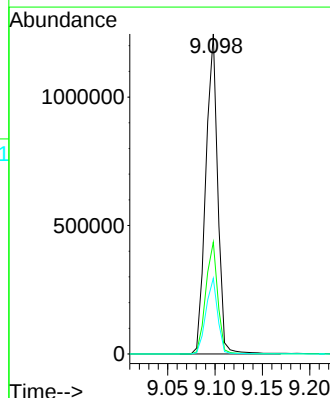
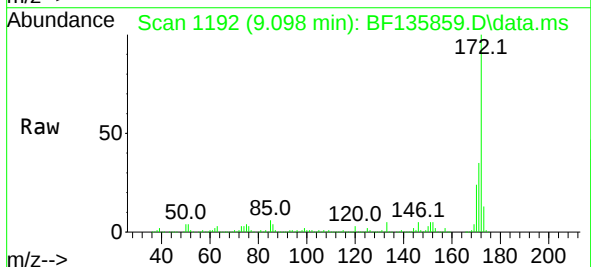
Tgt Ion:172 Resp: 1090448

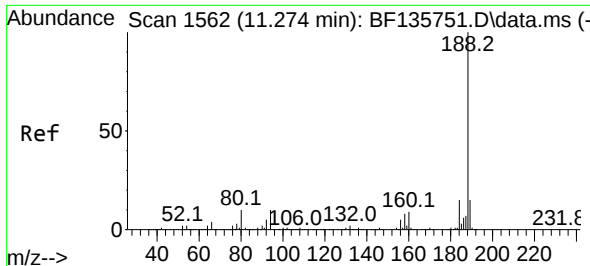
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.7 18.8 28.2

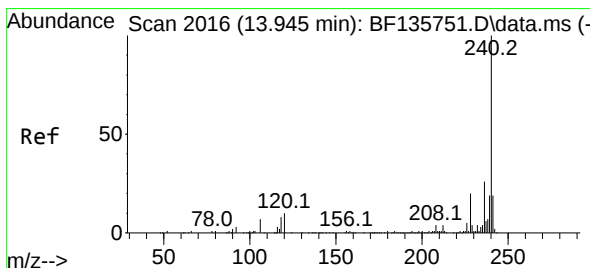
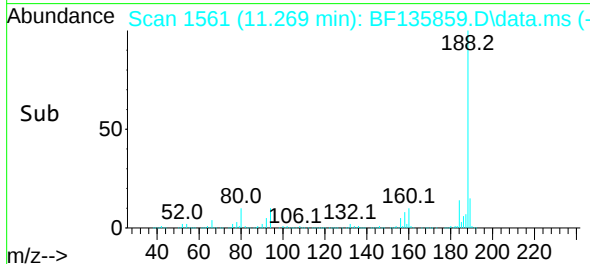
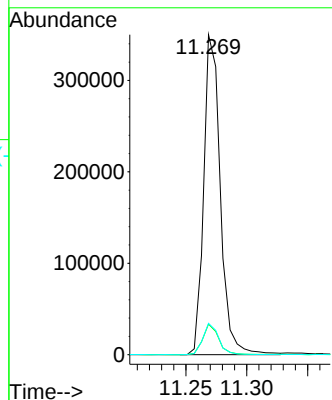
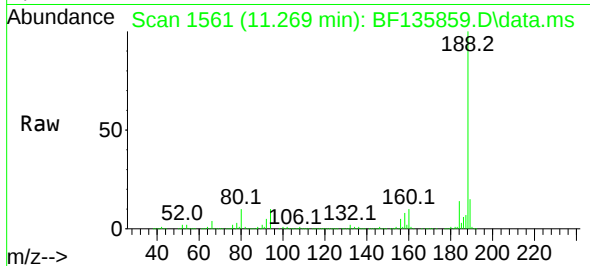




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135859.D
Acq: 18 Oct 2023 21:25

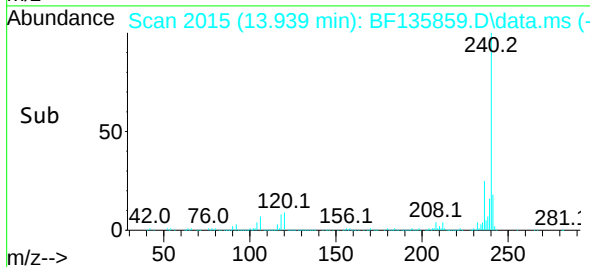
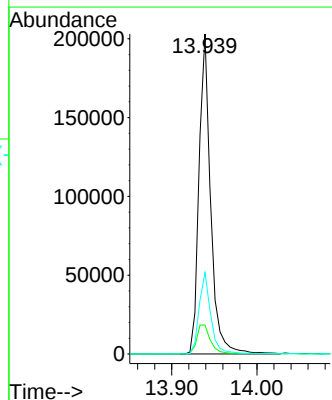
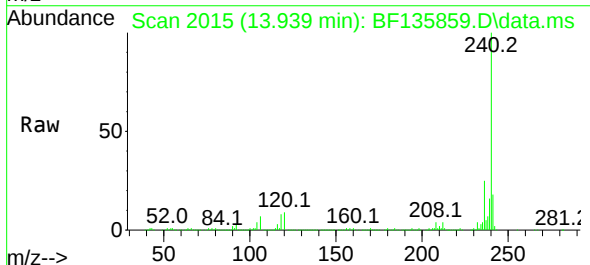
Instrument :
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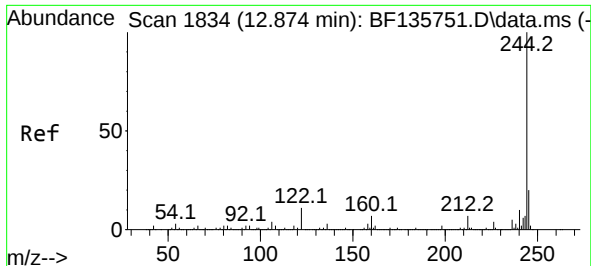
Tgt Ion:188 Resp: 332939
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 9.8 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135859.D
Acq: 18 Oct 2023 21:25

Tgt Ion:240 Resp: 193105
Ion Ratio Lower Upper
240 100
120 9.1 8.2 12.2
236 25.5 21.2 31.8

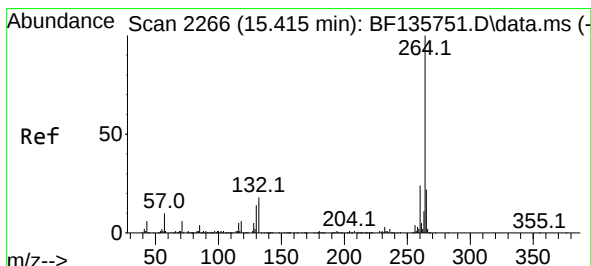
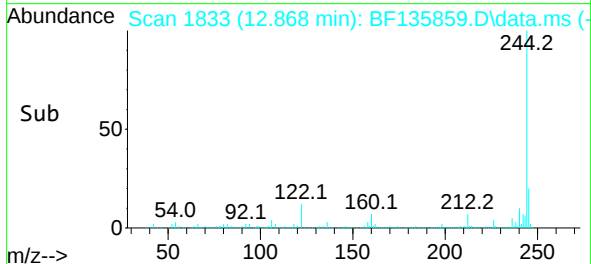
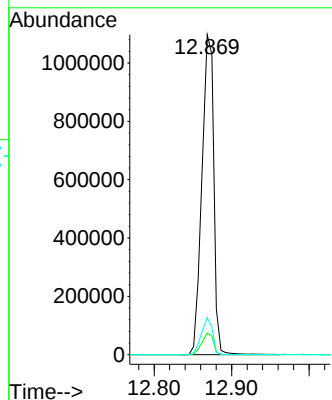
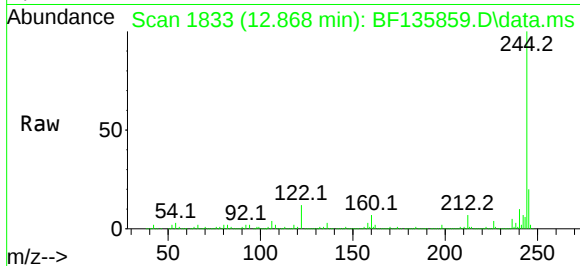




#79
 Terphenyl-d14
 Concen: 111.811 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135859.D
 Acq: 18 Oct 2023 21:25

Instrument :
 BNA_F
 ClientSampleId :
 FW9D

Tgt Ion:244 Resp: 1165886
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.6 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF135859.D
 Acq: 18 Oct 2023 21:25

Tgt Ion:264 Resp: 162120
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.8 17.4 26.2

