

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091123\
 Data File : BF135168.D
 Acq On : 11 Sep 2023 18:03
 Operator : CG\JU
 Sample : PB155440BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155440BL

Quant Time: Sep 12 00:38:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	111590	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	434622	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	226348	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	446524	20.000	ng	0.00
76) Chrysene-d12	13.945	240	296191	20.000	ng	0.00
86) Perylene-d12	15.409	264	247942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	902545	131.548	ng	0.02
7) Phenol-d6	6.404	99	1157294	132.655	ng	0.00
23) Nitrobenzene-d5	7.328	82	719083	89.888	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	310811	138.178	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1310032	87.320	ng	0.00
79) Terphenyl-d14	12.892	244	1456927	76.252	ng	0.00

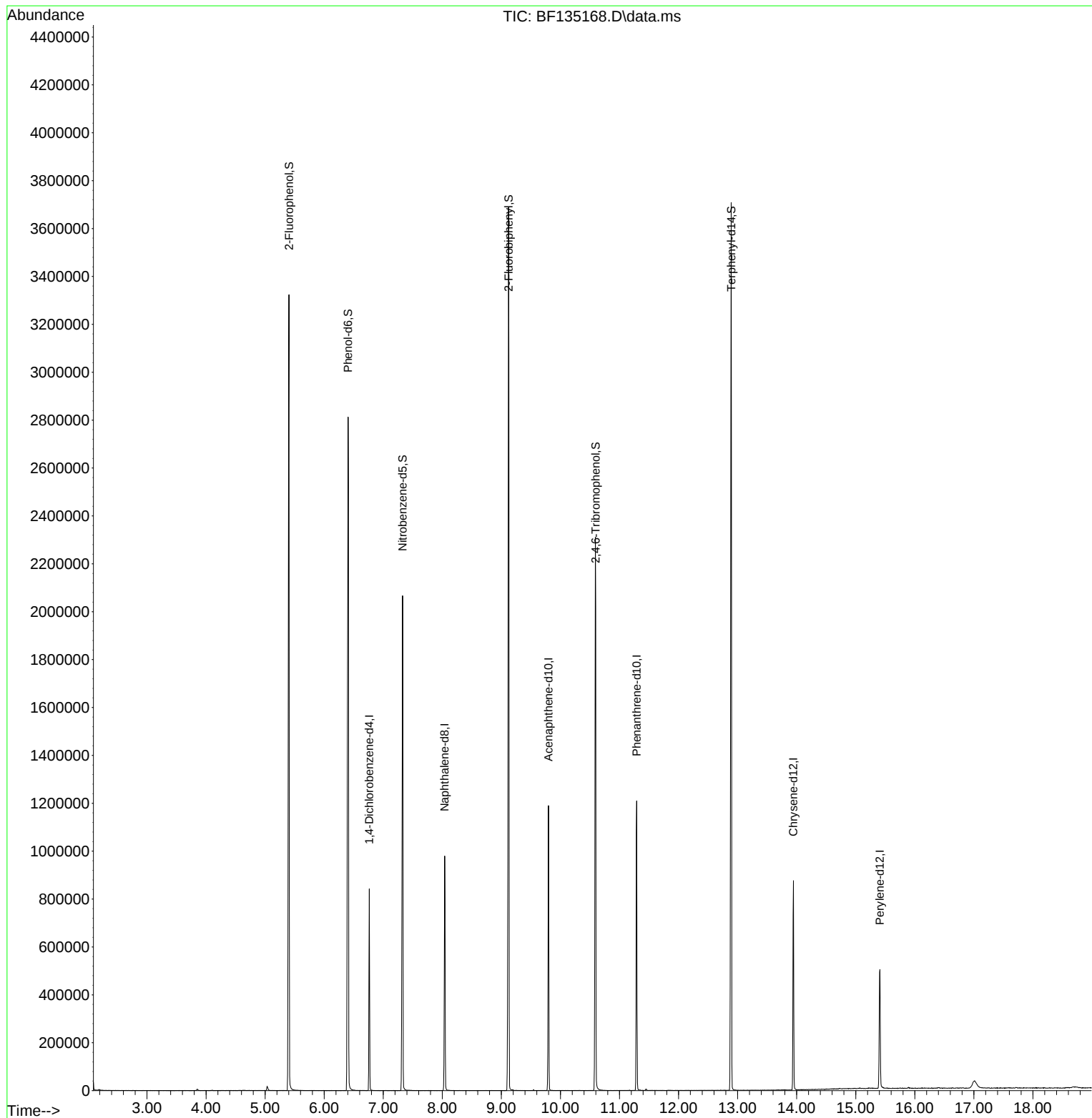
Target Compounds	Qvalue

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

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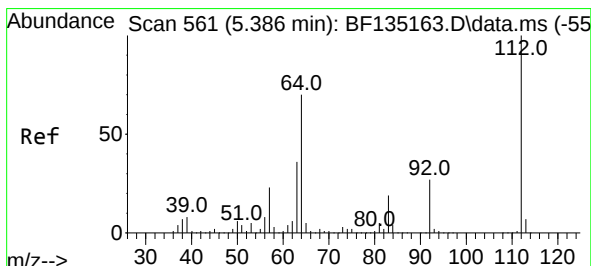
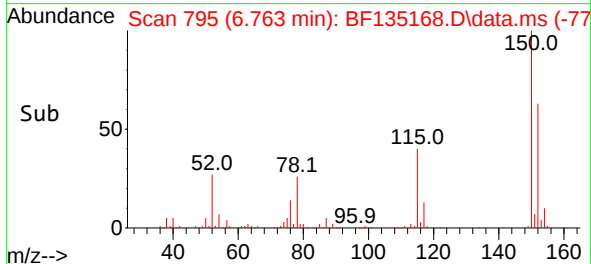
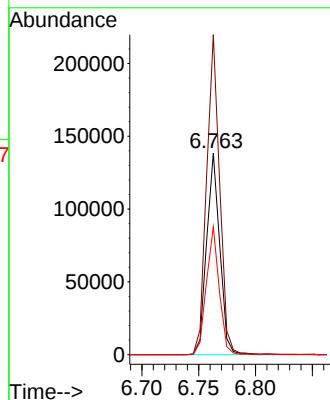
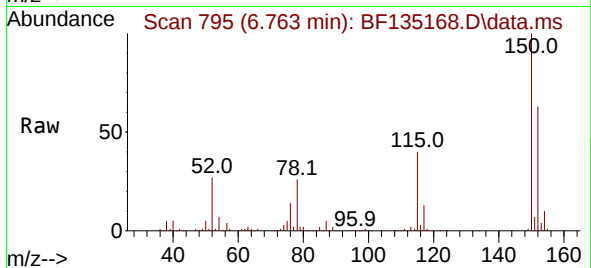




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

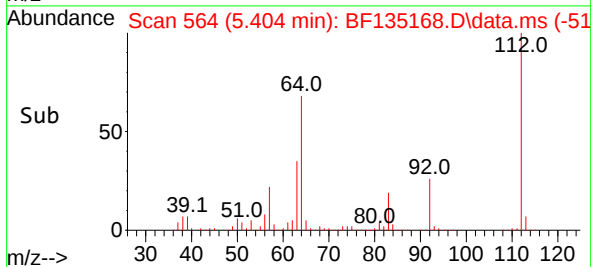
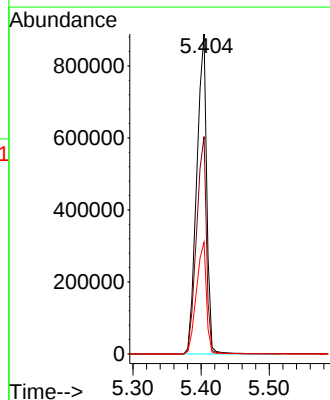
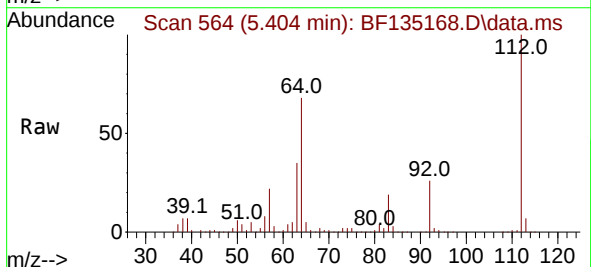
Instrument :
BNA_F
ClientSampleId :
PB155440BL

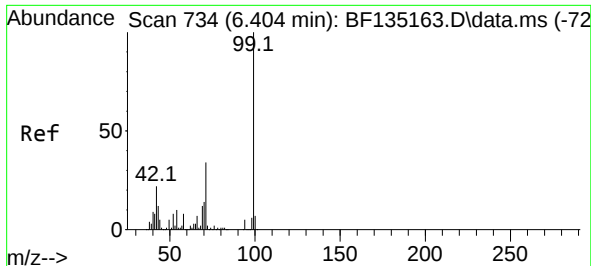
Tgt Ion:152 Resp: 111590
Ion Ratio Lower Upper
152 100
150 158.7 127.8 191.6
115 63.4 49.8 74.8



#5
2-Fluorophenol
Concen: 131.548 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

Tgt Ion:112 Resp: 902545
Ion Ratio Lower Upper
112 100
64 67.9 55.9 83.9
63 34.9 29.0 43.6



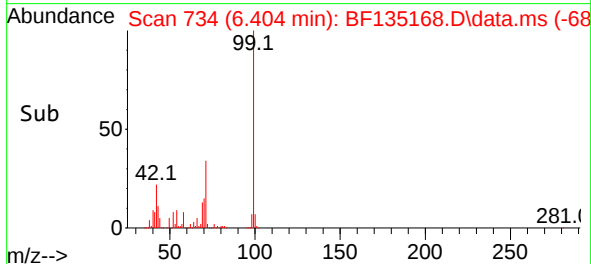
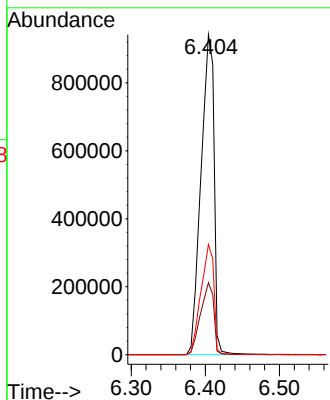
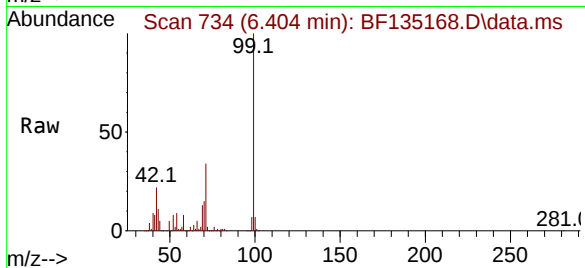


#7
Phenol-d6
Concen: 132.655 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

Instrument :
BNA_F
ClientSampleId :
PB155440BL

Tgt Ion: 99 Resp: 1157294

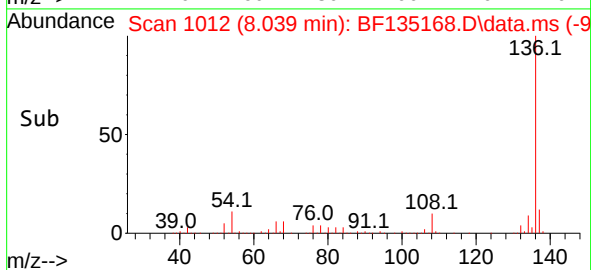
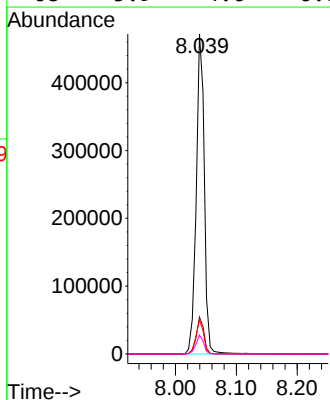
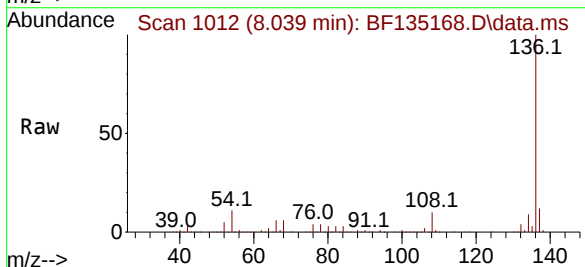
Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	34.4	27.0	40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

Tgt Ion: 136 Resp: 434622

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	10.6	7.7	11.5
68	5.9	4.6	6.8





#23

Nitrobenzene-d5

Concen: 89.888 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF135168.D

Acq: 11 Sep 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB155440BL

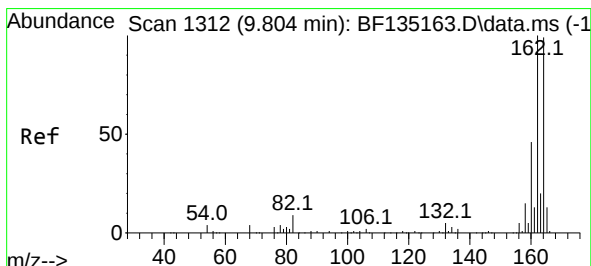
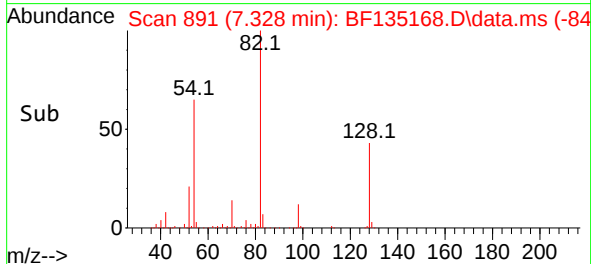
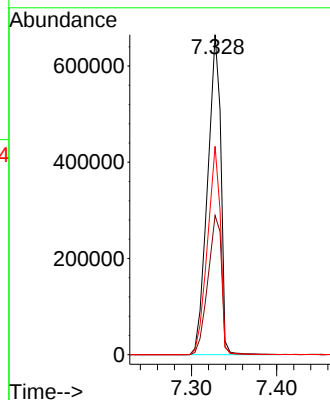
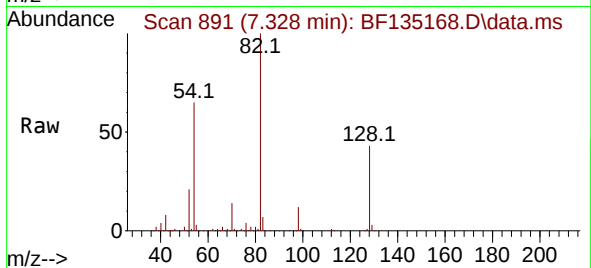
Tgt Ion: 82 Resp: 719083

Ion Ratio Lower Upper

82 100

128 43.5 35.8 53.6

54 65.1 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135168.D

Acq: 11 Sep 2023 18:03

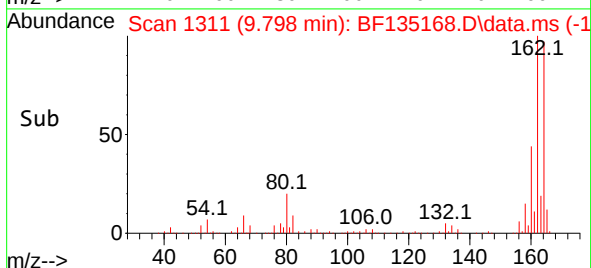
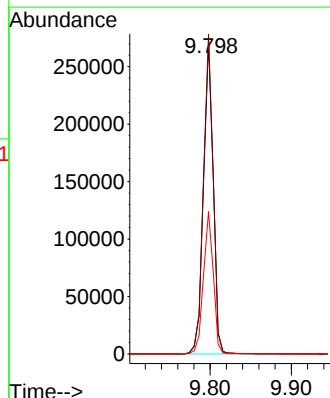
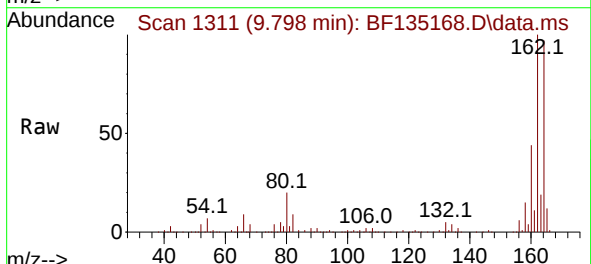
Tgt Ion: 164 Resp: 226348

Ion Ratio Lower Upper

164 100

162 102.8 81.0 121.4

160 45.8 37.0 55.4

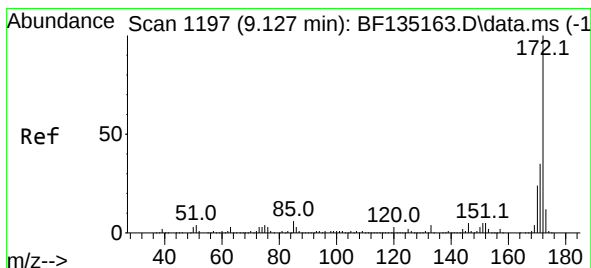
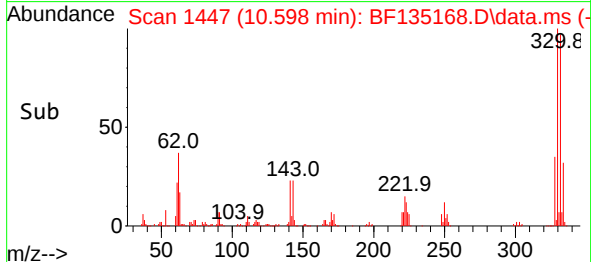
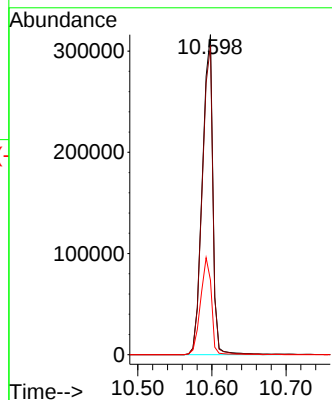
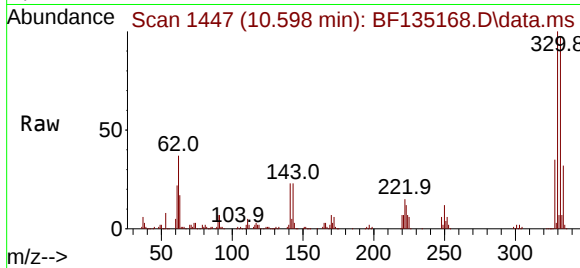




#42
 2,4,6-Tribromophenol
 Concen: 138.178 ng
 RT: 10.598 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: BF135168.D
 Acq: 11 Sep 2023 18:03

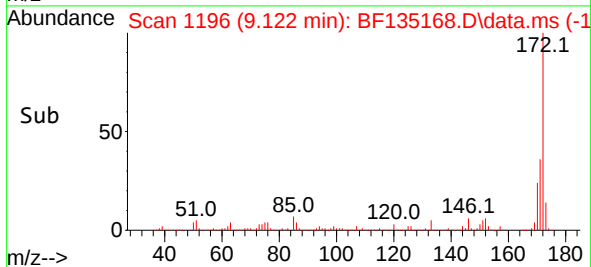
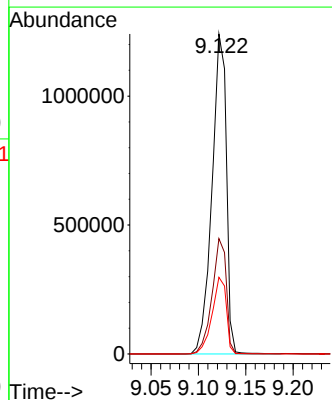
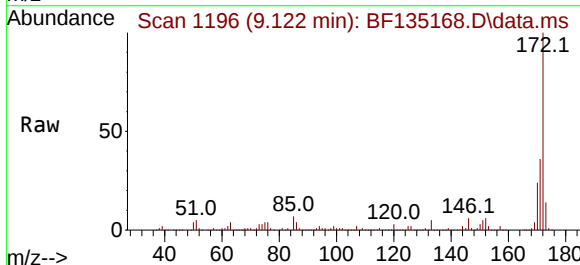
Instrument :
 BNA_F
 ClientSampleId :
 PB155440BL

Tgt Ion:330 Resp: 310811
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.3 115.9
 141 31.3 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 87.320 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. -0.006 min
 Lab File: BF135168.D
 Acq: 11 Sep 2023 18:03

Tgt Ion:172 Resp: 1310032
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.4 42.6
 170 23.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135168.D

Acq: 11 Sep 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB155440BL

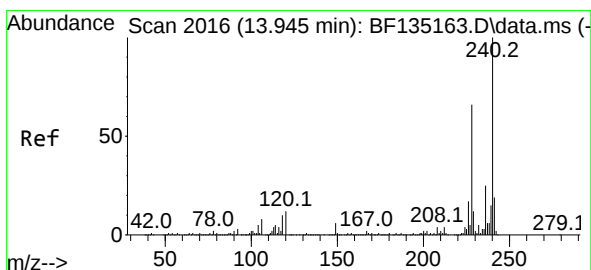
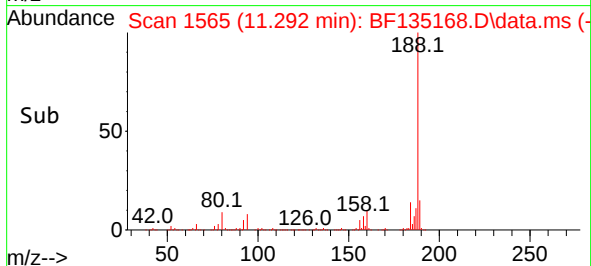
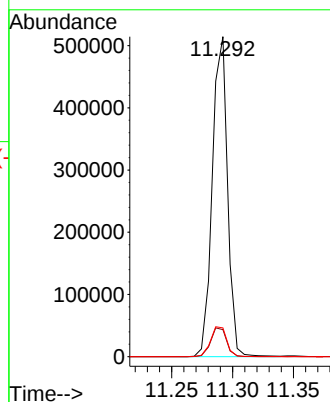
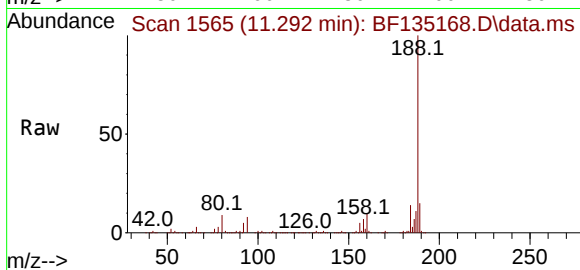
Tgt Ion:188 Resp: 446524

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 9.0 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135168.D

Acq: 11 Sep 2023 18:03

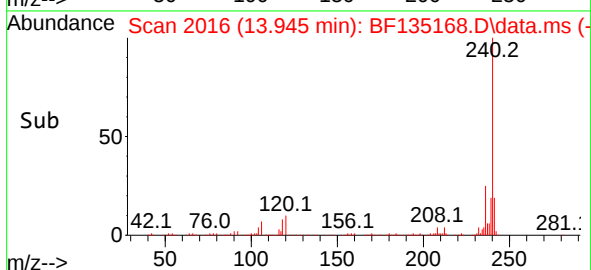
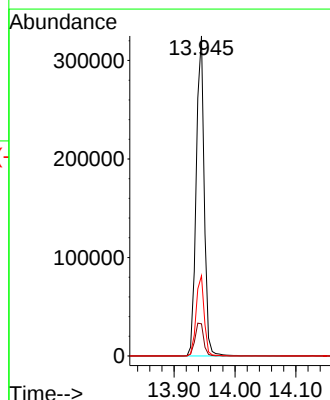
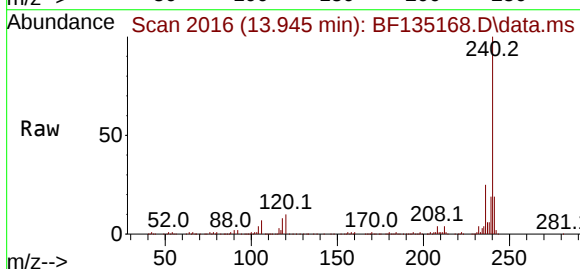
Tgt Ion:240 Resp: 296191

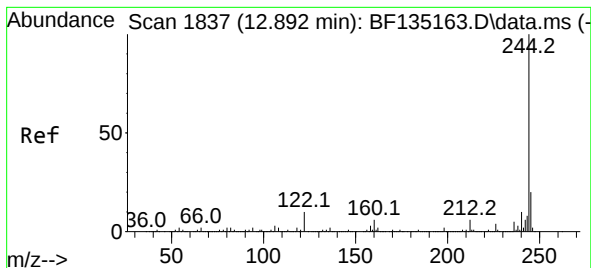
Ion Ratio Lower Upper

240 100

120 10.0 9.4 14.2

236 25.0 19.8 29.8





#79

Terphenyl-d14

Concen: 76.252 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135168.D

Acq: 11 Sep 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB155440BL

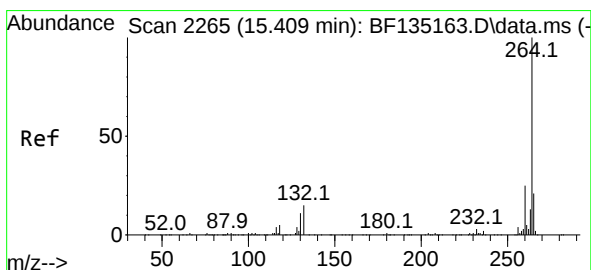
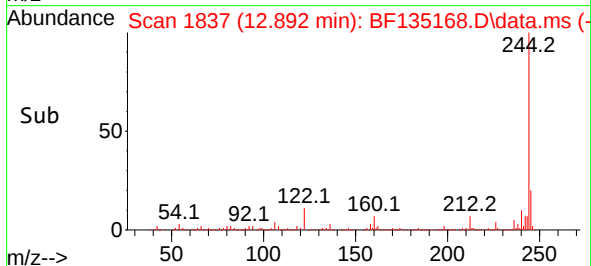
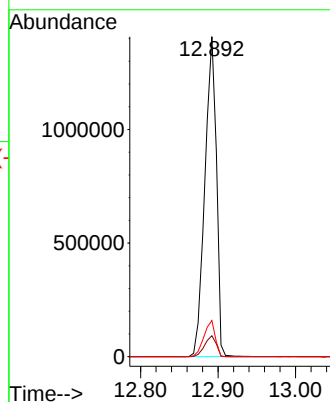
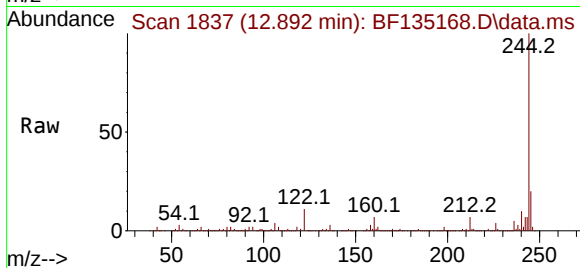
Tgt Ion:244 Resp: 1456927

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

122 11.3 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135168.D

Acq: 11 Sep 2023 18:03

Tgt Ion:264 Resp: 247942

Ion Ratio Lower Upper

264 100

260 22.6 19.8 29.6

265 21.1 17.0 25.4

