

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135550.D
 Acq On : 03 Oct 2023 19:41
 Operator : CG\JU
 Sample : 04627-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-05

Quant Time: Oct 04 07:12:14 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 06:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	147840	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	570886	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	285372	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	535562	20.000	ng	# 0.00
76) Chrysene-d12	13.922	240	315138	20.000	ng	0.00
86) Perylene-d12	15.380	264	300131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	890099	97.923	ng	0.00
7) Phenol-d6	6.387	99	1120443	96.940	ng	0.00
23) Nitrobenzene-d5	7.304	82	690980	65.758	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	248945	87.783	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1189374	62.881	ng	0.00
79) Terphenyl-d14	12.863	244	1194798	58.773	ng	0.00

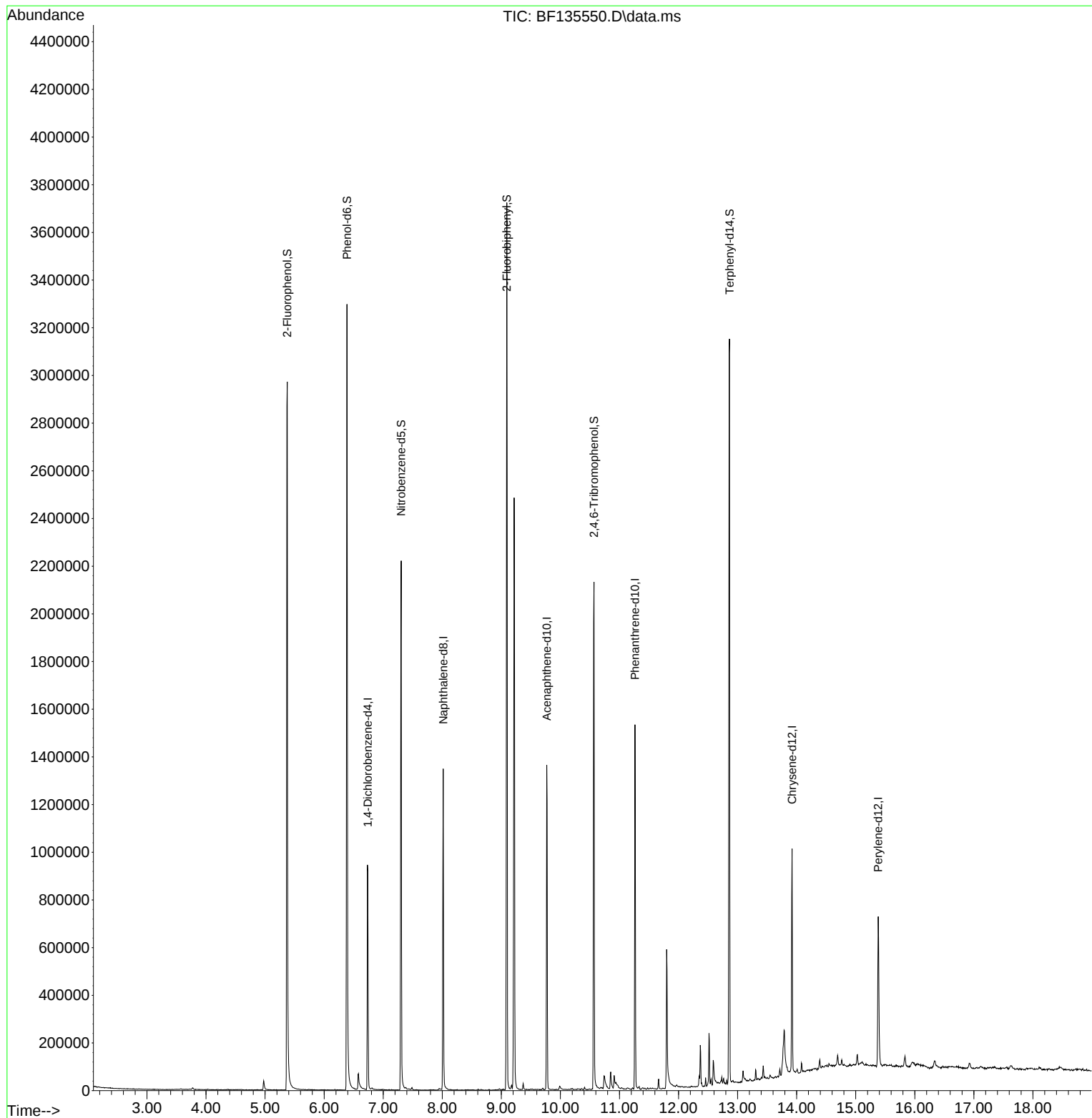
Target Compounds	Qvalue

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

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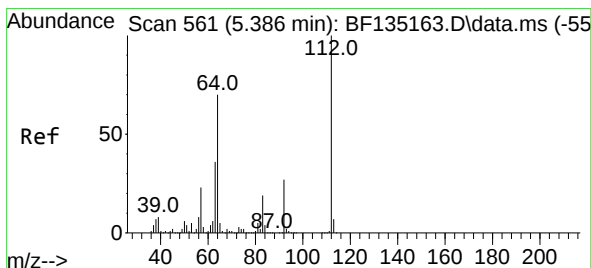
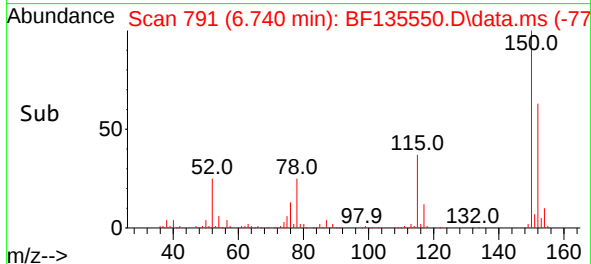
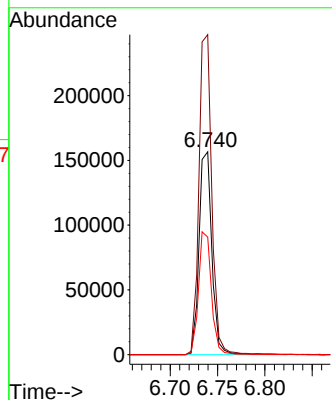
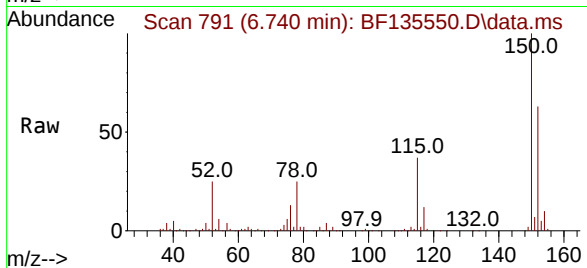




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

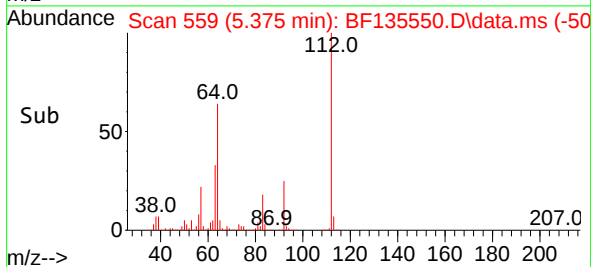
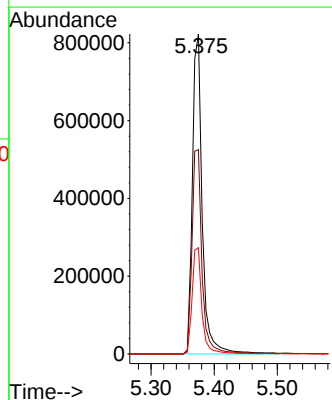
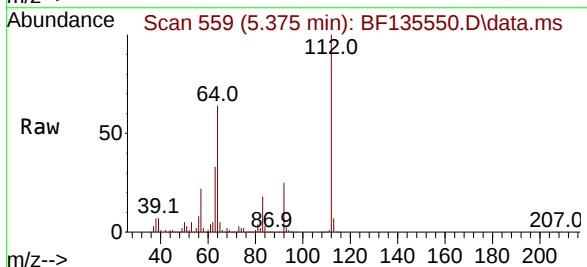
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-05

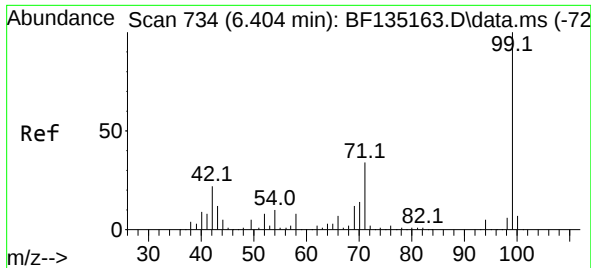
Tgt Ion:152 Resp: 147840
Ion Ratio Lower Upper
152 100
150 157.7 127.8 191.6
115 58.0 49.8 74.8



#5
2-Fluorophenol
Concen: 97.923 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

Tgt Ion:112 Resp: 890099
Ion Ratio Lower Upper
112 100
64 63.9 55.9 83.9
63 33.2 29.0 43.6

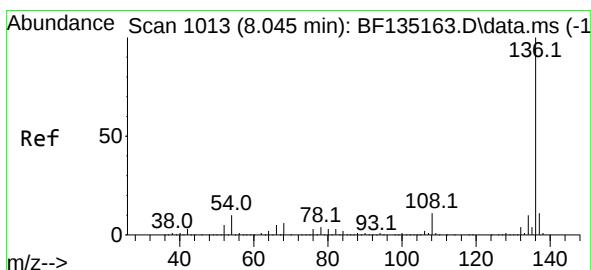
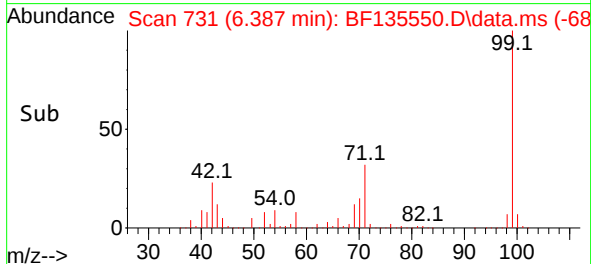
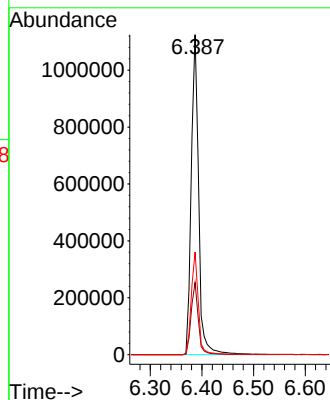
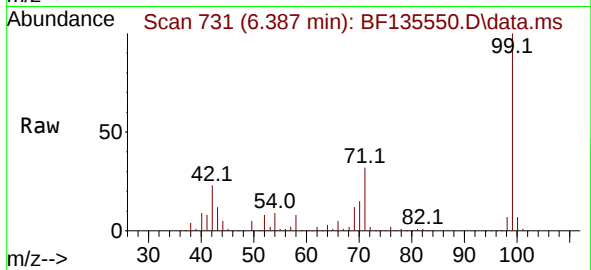




#7
Phenol-d6
Concen: 96.940 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135550.D
Acq: 03 Oct 2023 19:41

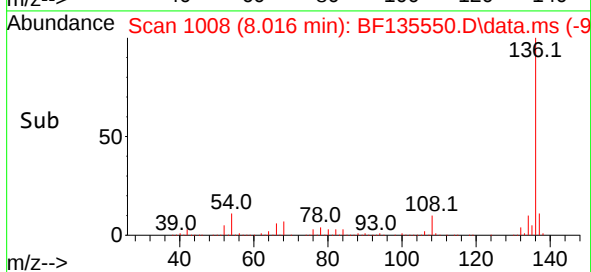
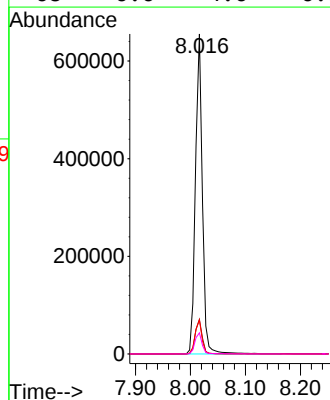
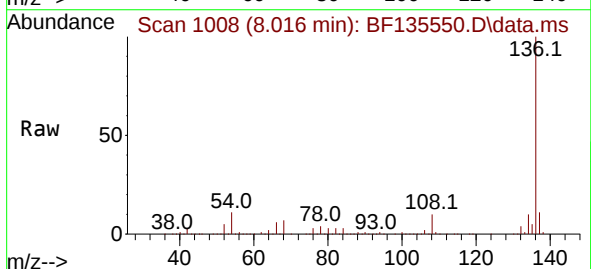
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-05

Tgt Ion: 99 Resp: 1120443
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 32.1 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: BF135550.D
Acq: 03 Oct 2023 19:41

Tgt Ion: 136 Resp: 570886
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.7 7.7 11.5
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 65.758 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135550.D

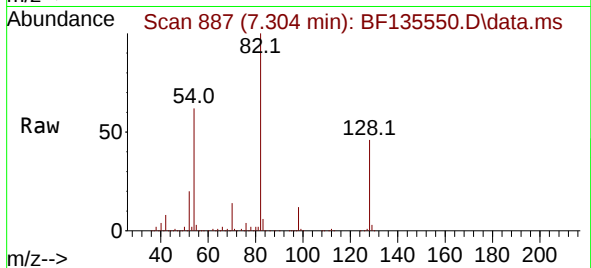
Acq: 03 Oct 2023 19:41

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-05



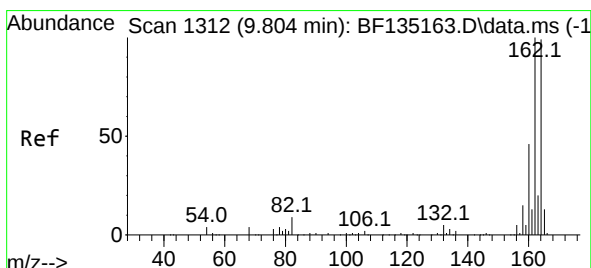
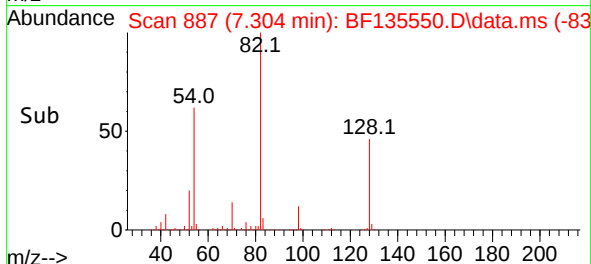
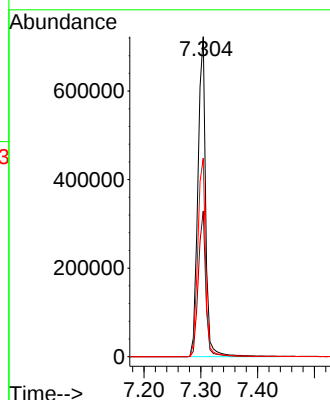
Tgt Ion: 82 Resp: 690980

Ion Ratio Lower Upper

82 100

128 45.6 35.8 53.6

54 62.1 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF135550.D

Acq: 03 Oct 2023 19:41

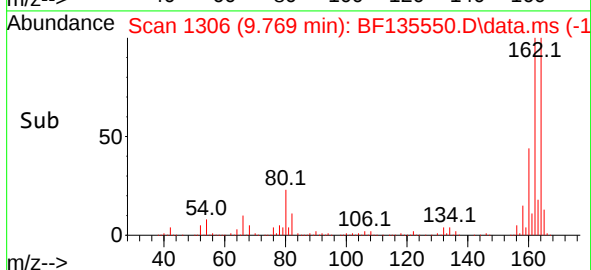
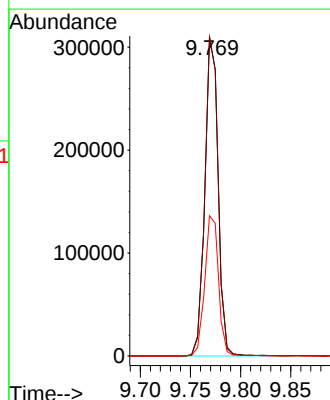
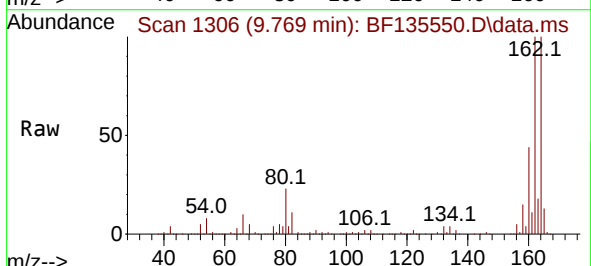
Tgt Ion: 164 Resp: 285372

Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.4

160 44.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 87.783 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135550.D

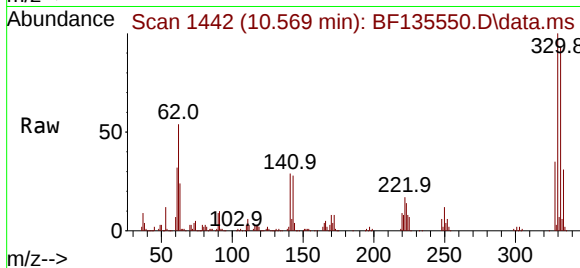
Acq: 03 Oct 2023 19:41

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-05



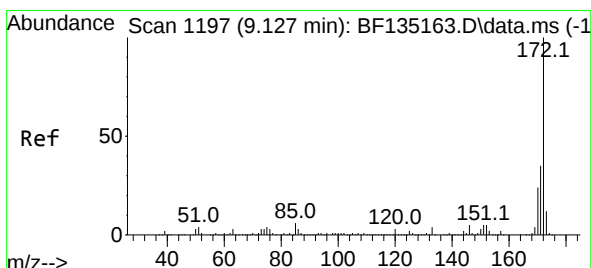
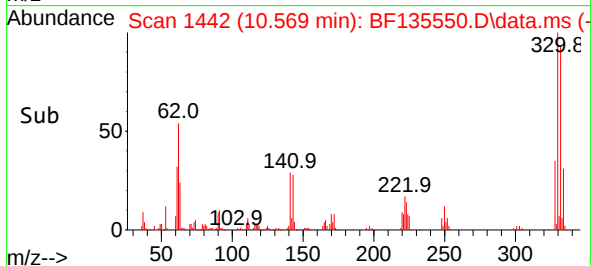
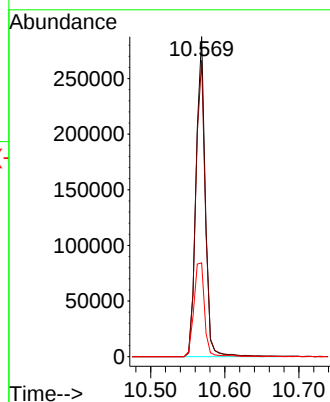
Tgt Ion:330 Resp: 248945

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

141 34.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 62.881 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135550.D

Acq: 03 Oct 2023 19:41

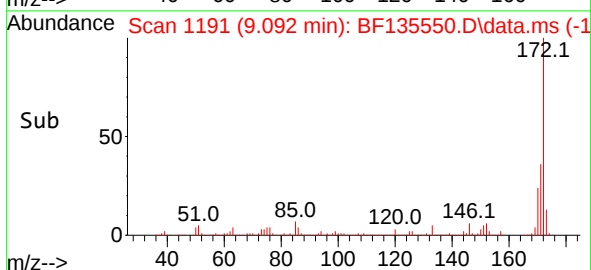
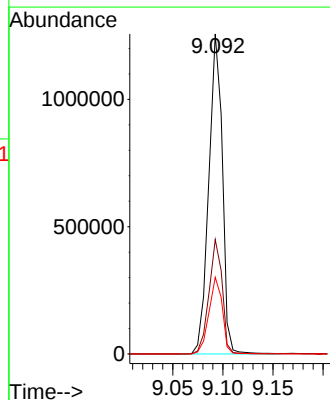
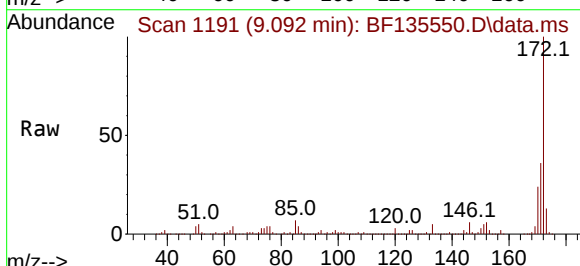
Tgt Ion:172 Resp: 1189374

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135550.D

Acq: 03 Oct 2023 19:41

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-05

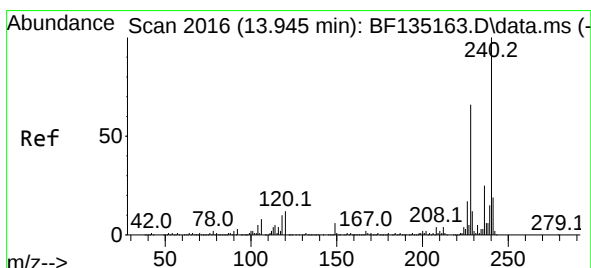
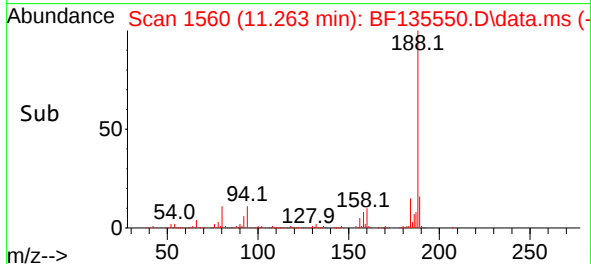
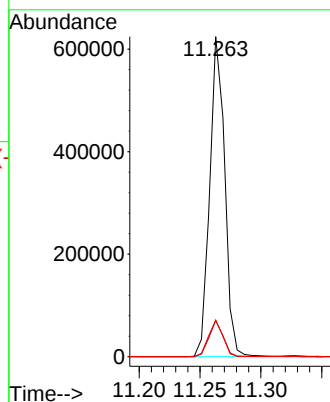
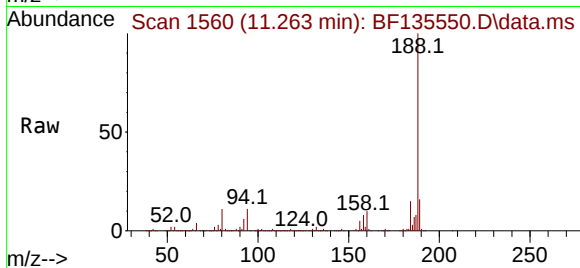
Tgt Ion:188 Resp: 535562

Ion Ratio Lower Upper

188 100

94 11.3 7.0 10.6#

80 11.5 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.922 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF135550.D

Acq: 03 Oct 2023 19:41

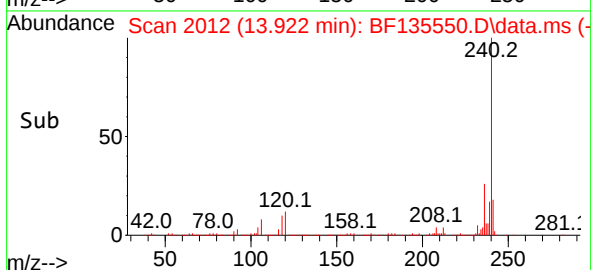
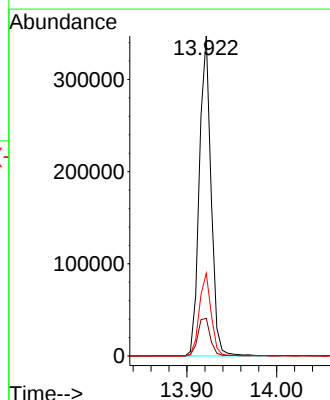
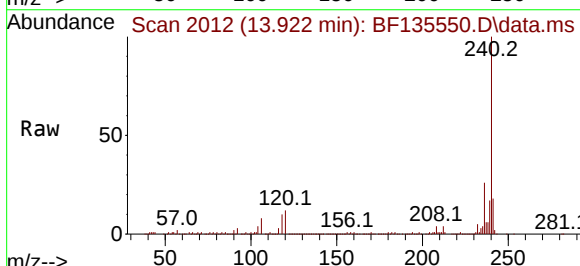
Tgt Ion:240 Resp: 315138

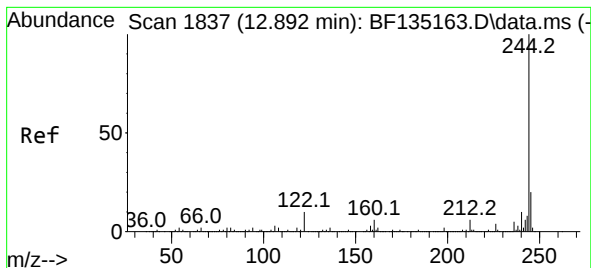
Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

236 25.8 19.8 29.8





#79

Terphenyl-d14

Concen: 58.773 ng

RT: 12.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135550.D

Acq: 03 Oct 2023 19:41

Instrument :

BNA_F

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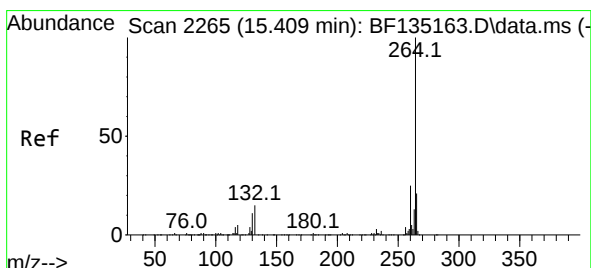
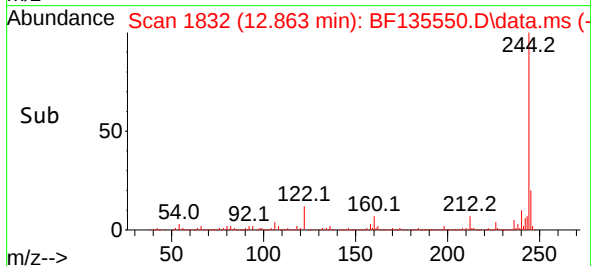
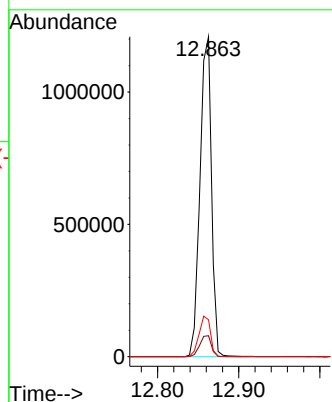
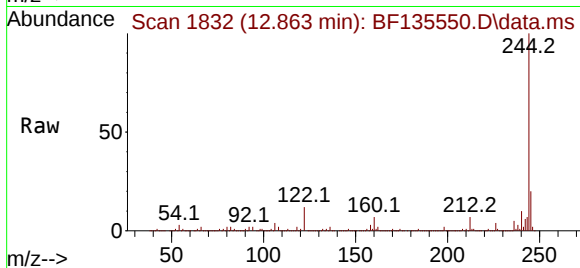
Tgt Ion:244 Resp: 1194798

Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 11.6 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF135550.D

Acq: 03 Oct 2023 19:41

Tgt Ion:264 Resp: 300131

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 21.1 17.0 25.4

