

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135552.D
 Acq On : 03 Oct 2023 20:46
 Operator : CG\JU
 Sample : 04627-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-07

Quant Time: Oct 04 07:12:53 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	137351	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	529394	20.000	ng	# 0.00
39) Acenaphthene-d10	9.769	164	262029	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	500646	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	273562	20.000	ng	0.00
86) Perylene-d12	15.380	264	276603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	930417	110.176	ng	0.00
7) Phenol-d6	6.387	99	1153498	107.421	ng	0.00
23) Nitrobenzene-d5	7.304	82	712376	73.108	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	251517	96.591	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1182908	68.110	ng	0.00
79) Terphenyl-d14	12.863	244	1175303	66.601	ng	0.00

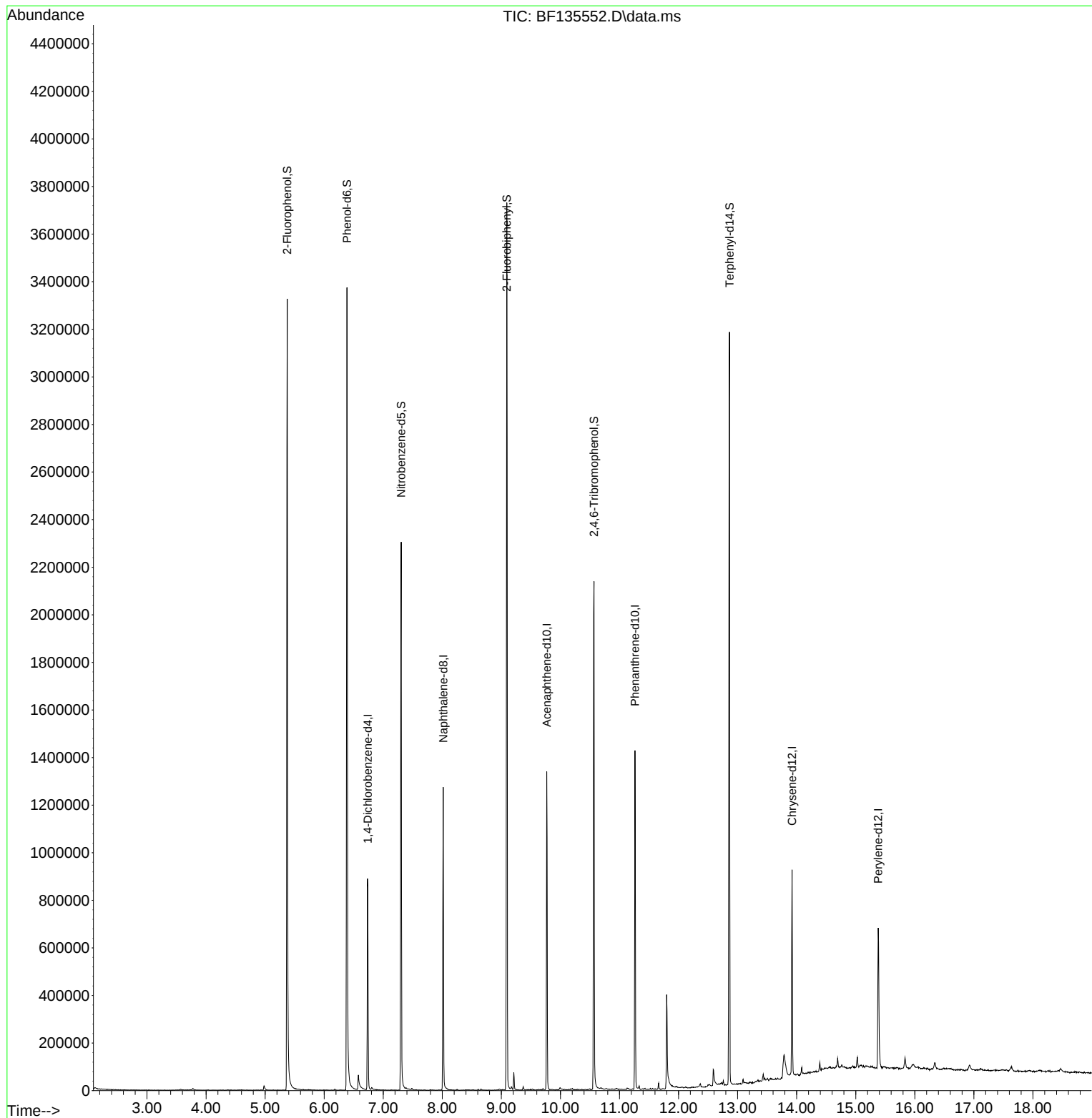
Target Compounds	Qvalue

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

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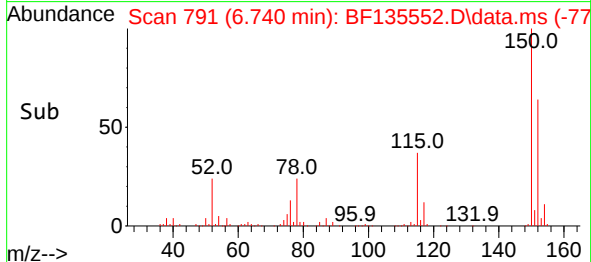
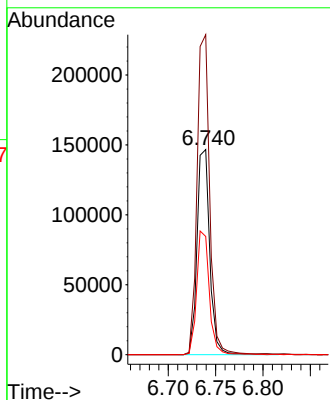
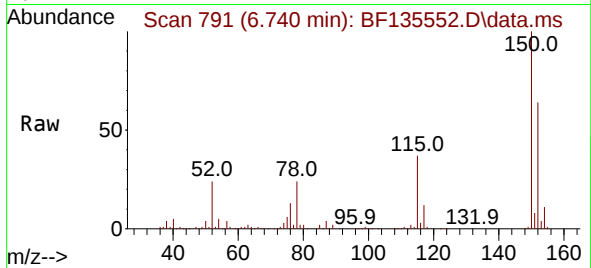




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

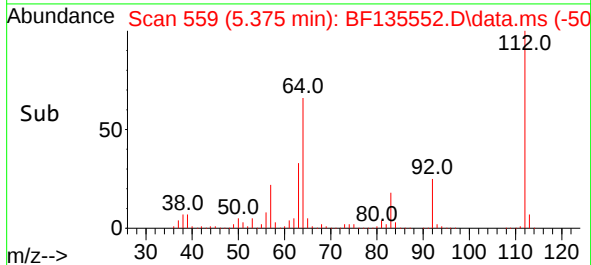
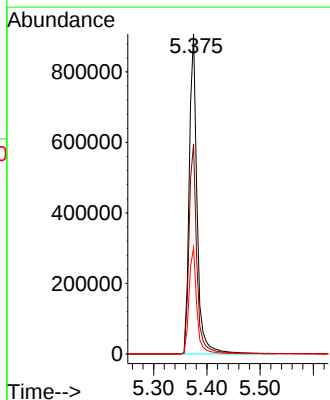
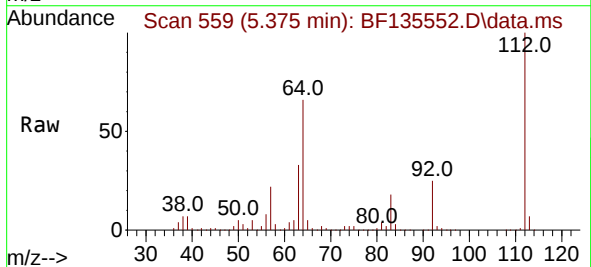
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-07

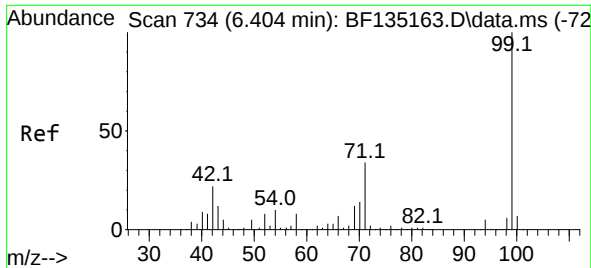
Tgt Ion:152 Resp: 137351
Ion Ratio Lower Upper
152 100
150 156.0 127.8 191.6
115 57.6 49.8 74.8



#5
2-Fluorophenol
Concen: 110.176 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

Tgt Ion:112 Resp: 930417
Ion Ratio Lower Upper
112 100
64 65.7 55.9 83.9
63 33.1 29.0 43.6

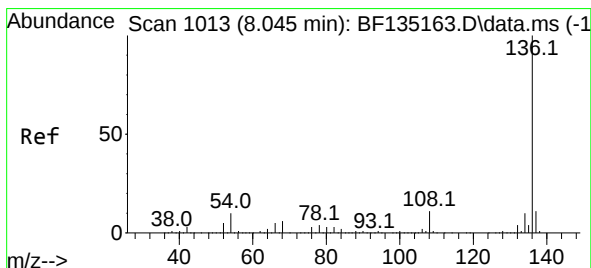
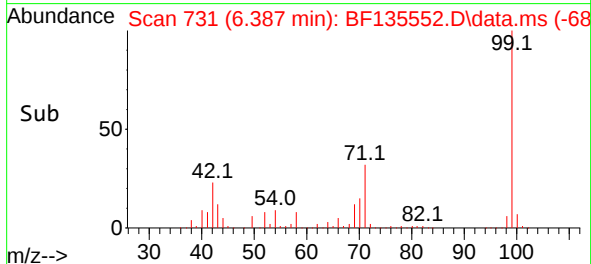
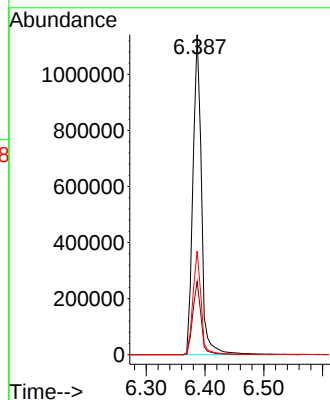
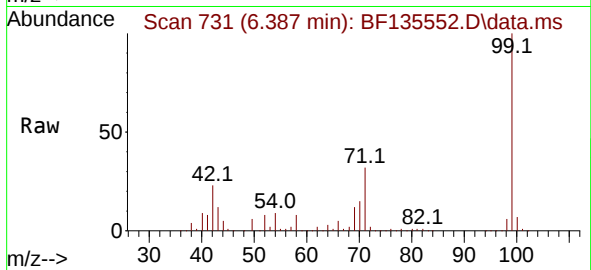




#7
Phenol-d6
Concen: 107.421 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135552.D
Acq: 03 Oct 2023 20:46

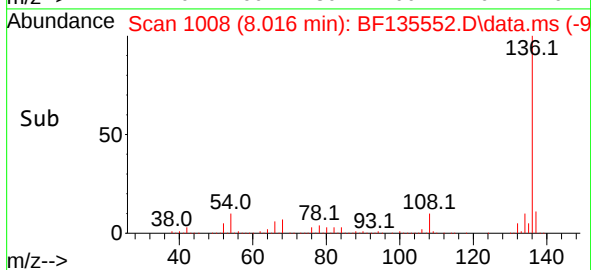
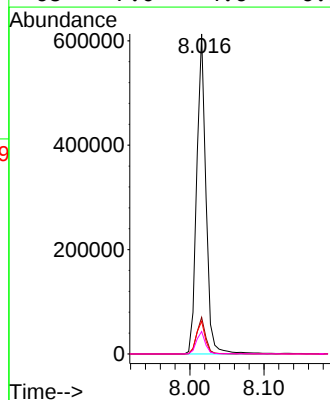
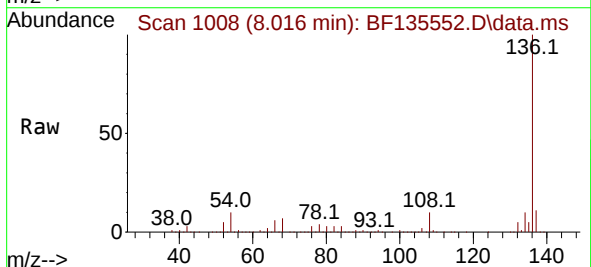
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-07

Tgt Ion: 99 Resp: 1153498
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 32.4 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: BF135552.D
Acq: 03 Oct 2023 20:46

Tgt Ion: 136 Resp: 529394
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 10.2 7.7 11.5
68 7.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 73.108 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135552.D

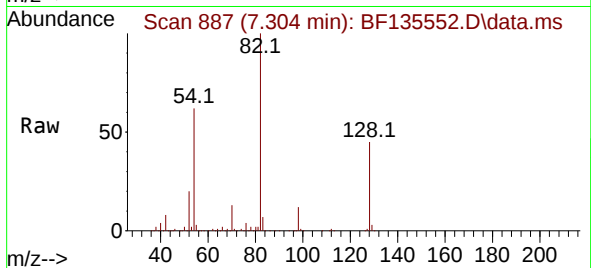
Acq: 03 Oct 2023 20:46

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-07



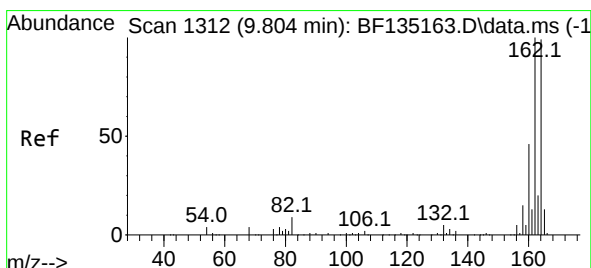
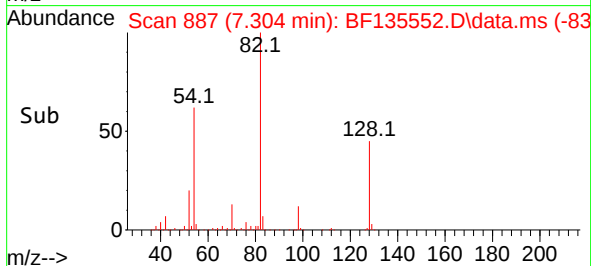
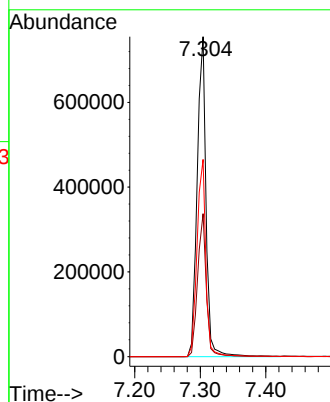
Tgt Ion: 82 Resp: 712376

Ion Ratio Lower Upper

82 100

128 44.7 35.8 53.6

54 61.7 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: BF135552.D

Acq: 03 Oct 2023 20:46

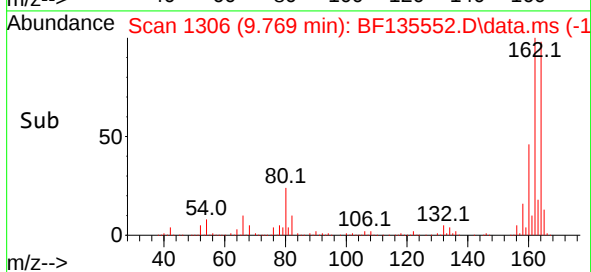
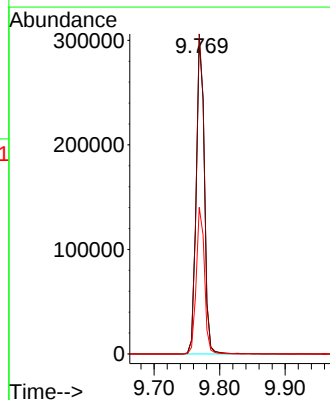
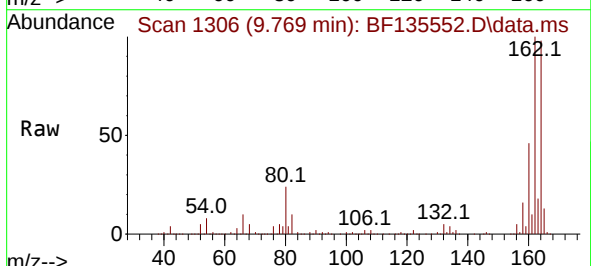
Tgt Ion: 164 Resp: 262029

Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

160 46.6 37.0 55.4

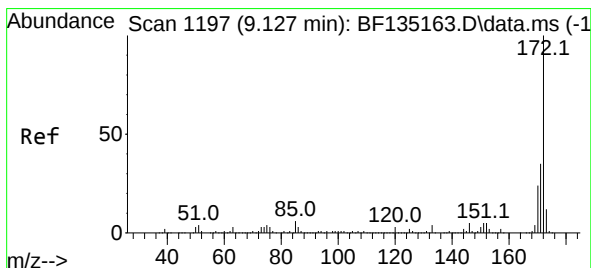
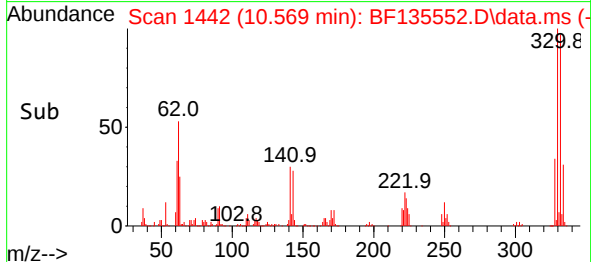
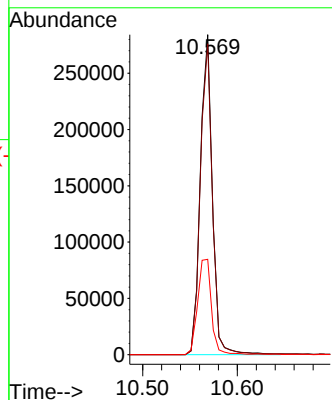
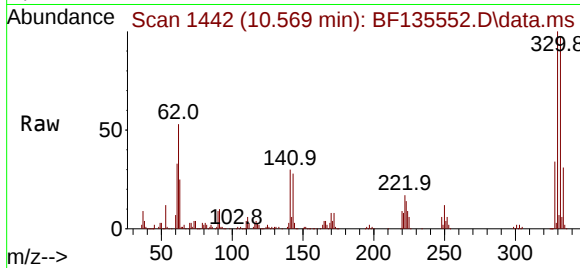




#42
 2,4,6-Tribromophenol
 Concen: 96.591 ng
 RT: 10.569 min Scan# 1442
 Delta R.T. 0.000 min
 Lab File: BF135552.D
 Acq: 03 Oct 2023 20:46

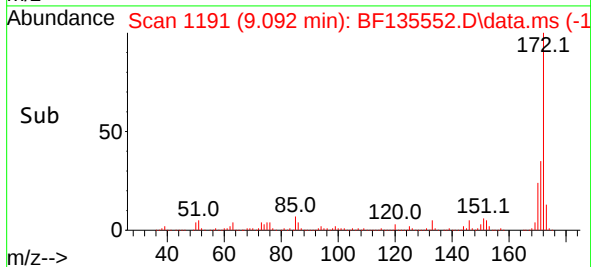
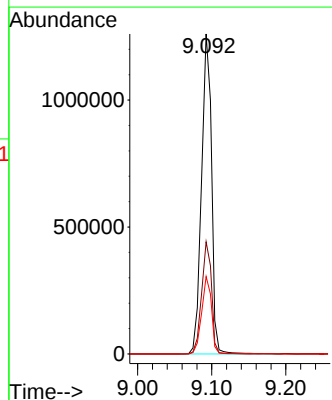
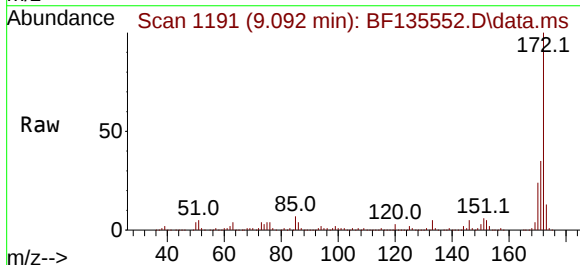
Instrument :
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 ClientSampleId :
 280-300FB-BACKFILL-07

Tgt Ion:330 Resp: 251517
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 34.3 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 68.110 ng
 RT: 9.092 min Scan# 1191
 Delta R.T. -0.006 min
 Lab File: BF135552.D
 Acq: 03 Oct 2023 20:46

Tgt Ion:172 Resp: 1182908
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.4 42.6
 170 24.2 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: BF135552.D

Acq: 03 Oct 2023 20:46

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-07

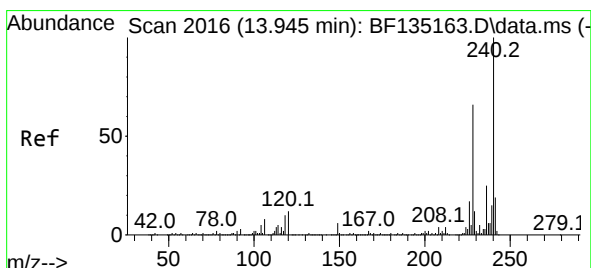
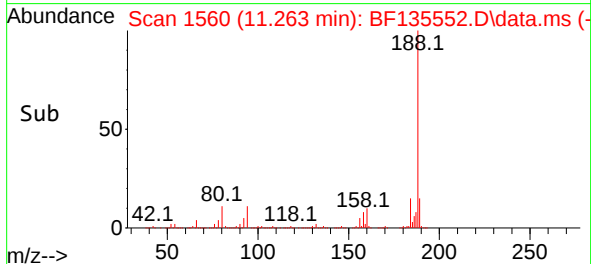
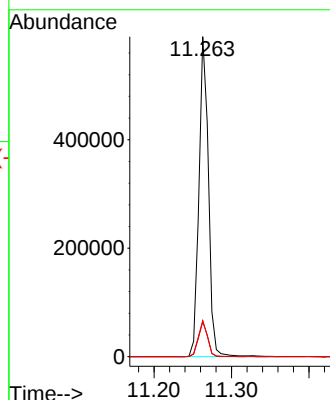
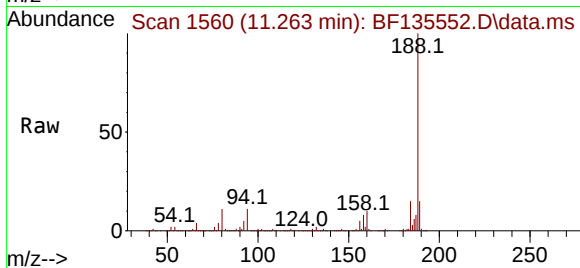
Tgt Ion:188 Resp: 500646

Ion Ratio Lower Upper

188 100

94 11.0 7.0 10.6#

80 11.3 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF135552.D

Acq: 03 Oct 2023 20:46

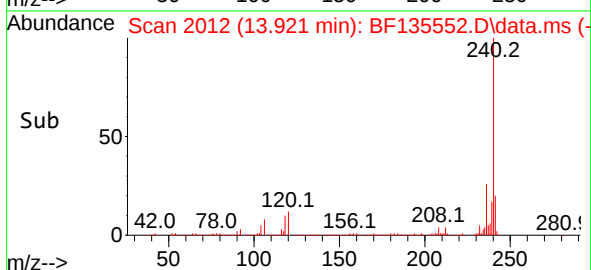
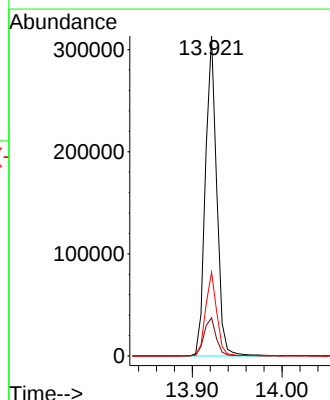
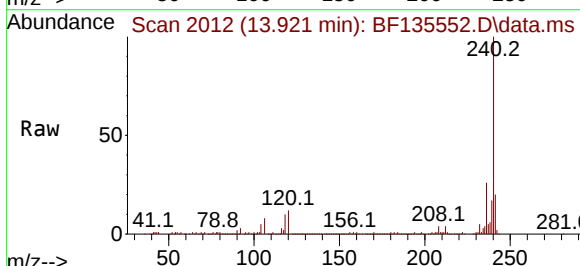
Tgt Ion:240 Resp: 273562

Ion Ratio Lower Upper

240 100

120 11.9 9.4 14.2

236 26.2 19.8 29.8

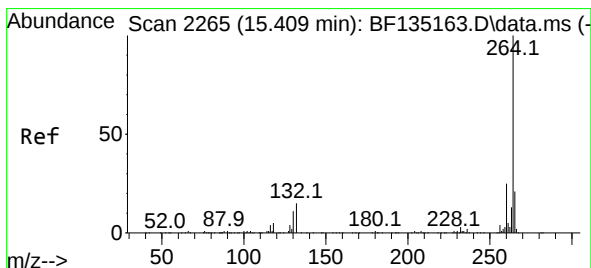
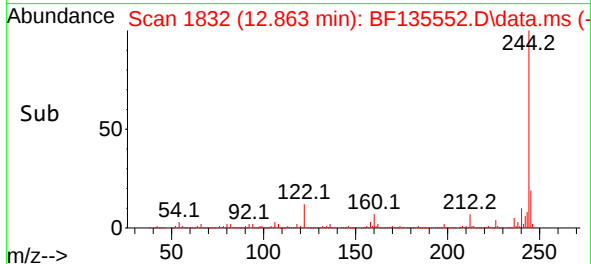
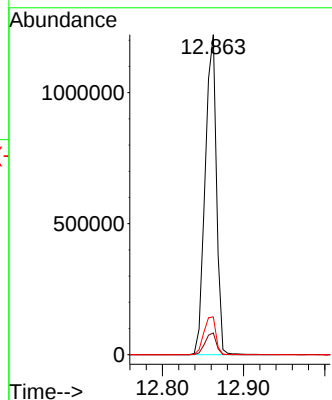
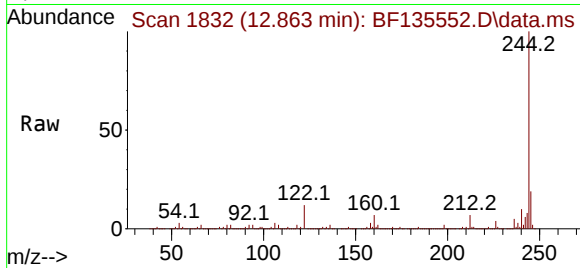




#79
 Terphenyl-d14
 Concen: 66.601 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135552.D
 Acq: 03 Oct 2023 20:46

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-07

Tgt Ion:244 Resp: 1175303
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.8 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: BF135552.D
 Acq: 03 Oct 2023 20:46

Tgt Ion:264 Resp: 276603
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 22.3 17.0 25.4

