

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135555.D
 Acq On : 03 Oct 2023 22:23
 Operator : CG\JU
 Sample : 04627-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-10

Quant Time: Oct 04 07:13:50 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	6.739	152	144741	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	560975	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	279262	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	528241	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	278372	20.000	ng	0.00
86) Perylene-d12	15.386	264	296032	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	918990	103.266	ng	0.00
7) Phenol-d6	6.386	99	1146637	101.330	ng	0.00
23) Nitrobenzene-d5	7.304	82	711011	68.860	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	256397	92.389	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1227792	66.332	ng	0.00
79) Terphenyl-d14	12.863	244	1188743	66.198	ng	0.00

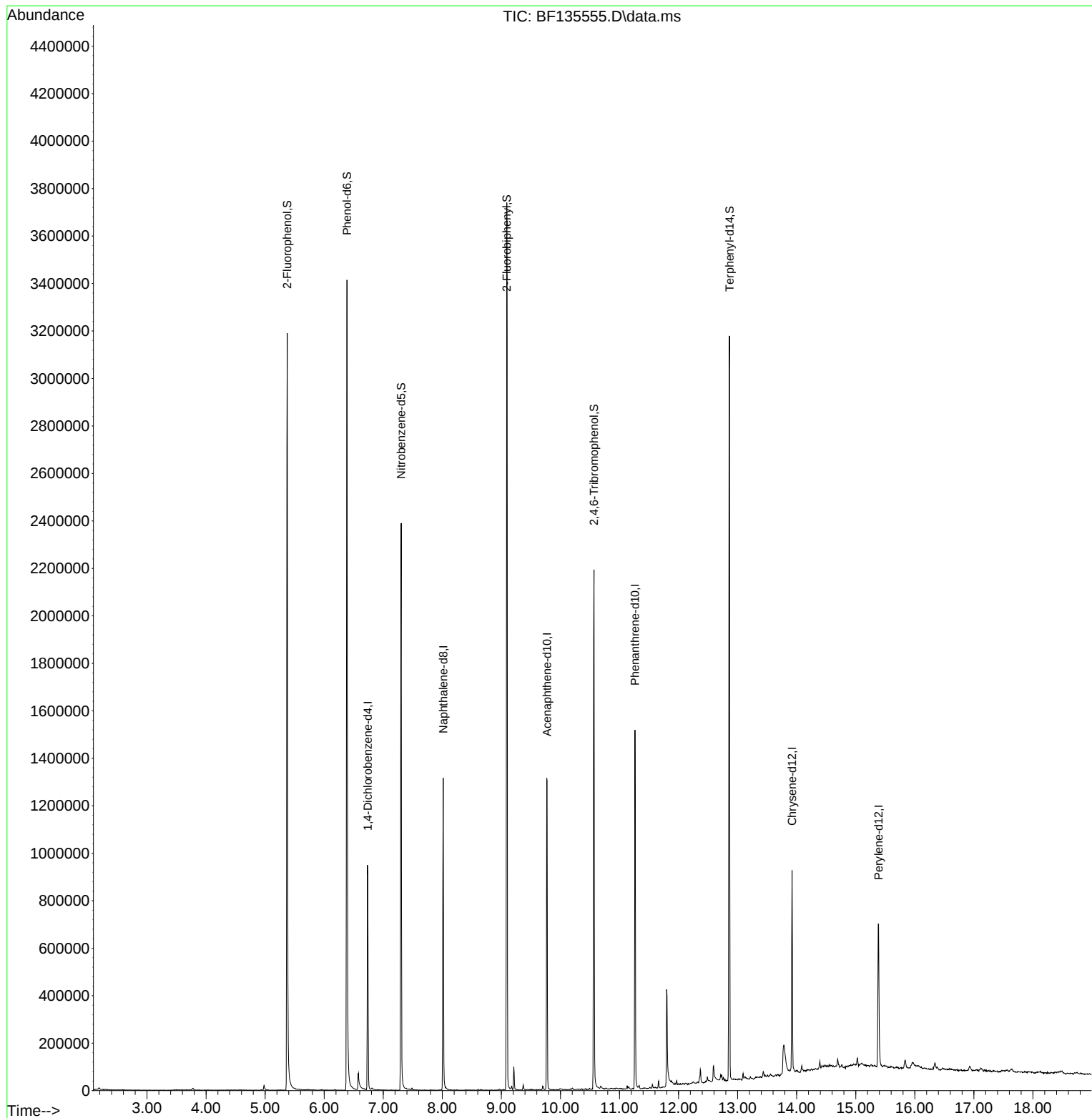
Target Compounds	Qvalue

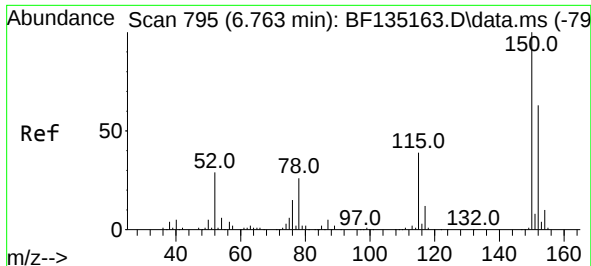
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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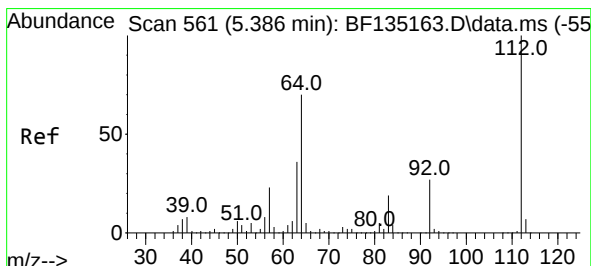
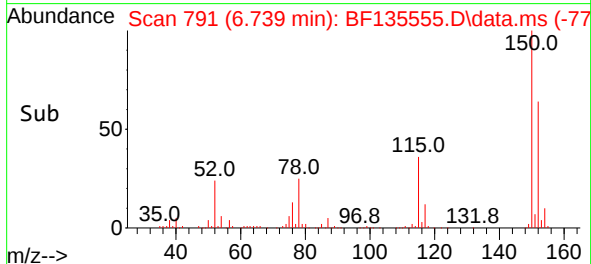
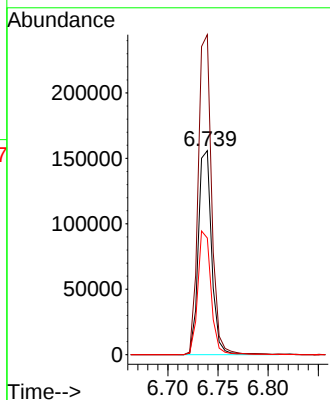
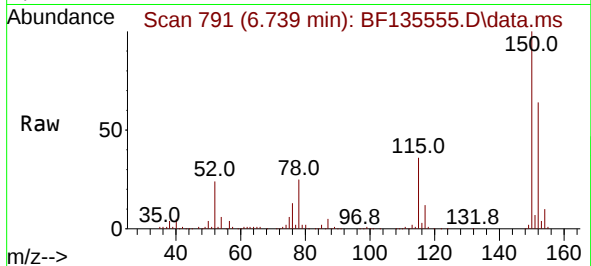




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

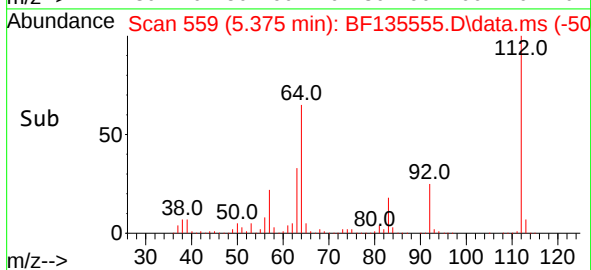
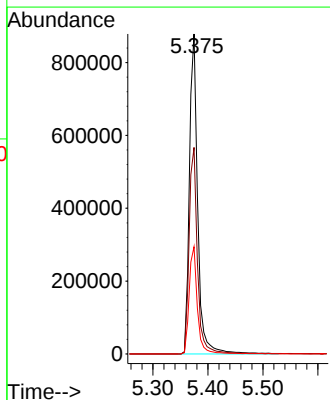
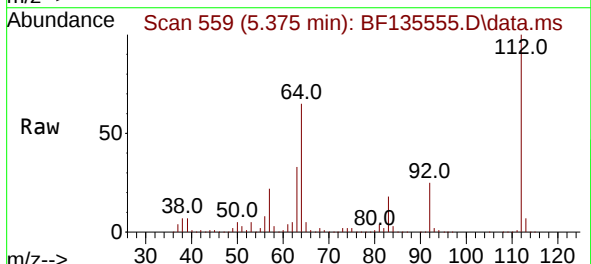
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-10

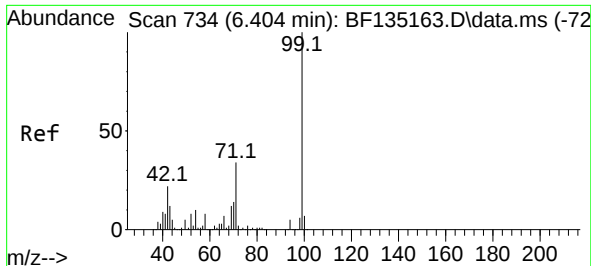
Tgt Ion:152 Resp: 144741
Ion Ratio Lower Upper
152 100
150 156.9 127.8 191.6
115 57.2 49.8 74.8



#5
2-Fluorophenol
Concen: 103.266 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

Tgt Ion:112 Resp: 918990
Ion Ratio Lower Upper
112 100
64 64.5 55.9 83.9
63 33.5 29.0 43.6

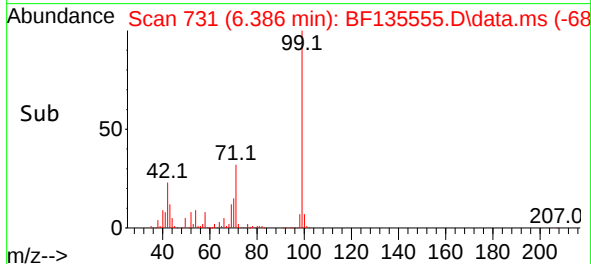
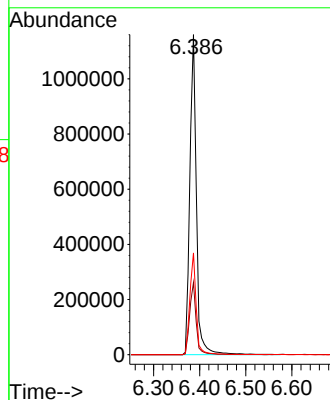
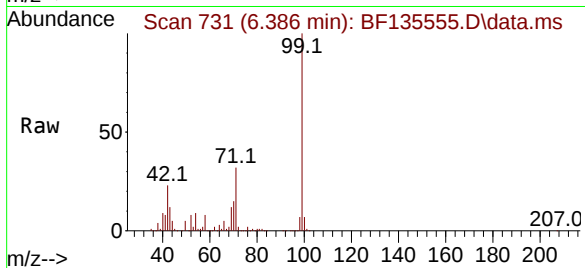




#7
Phenol-d6
Concen: 101.330 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

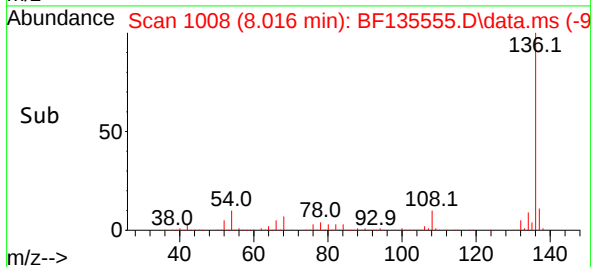
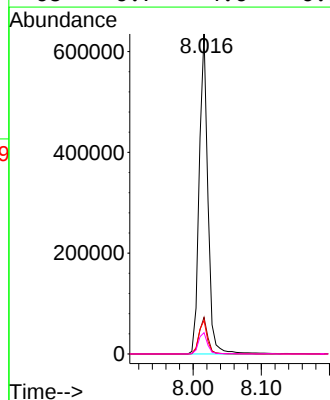
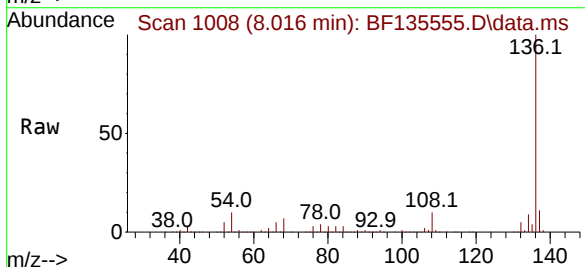
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-10

Tgt Ion: 99 Resp: 1146637
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 31.8 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: BF135555.D
Acq: 03 Oct 2023 22:23

Tgt Ion:136 Resp: 560975
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 10.5 7.7 11.5
68 6.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 68.860 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135555.D

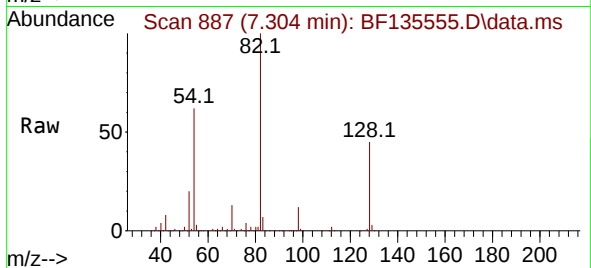
Acq: 03 Oct 2023 22:23

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-10



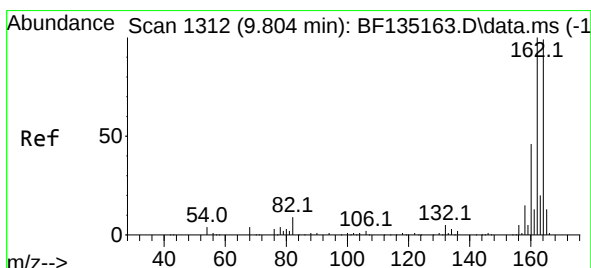
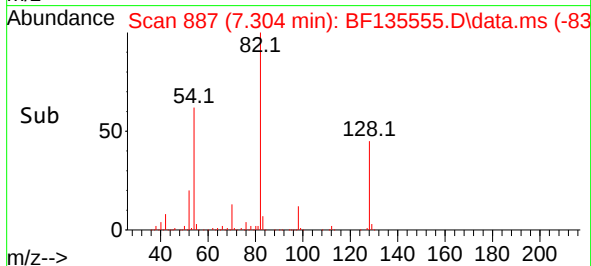
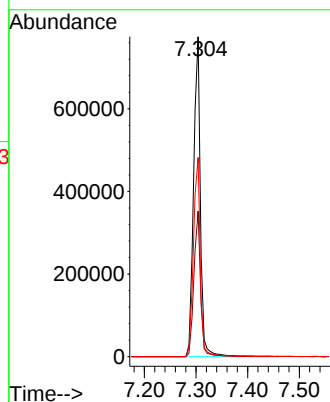
Tgt Ion: 82 Resp: 711011

Ion Ratio Lower Upper

82 100

128 45.5 35.8 53.6

54 62.3 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF135555.D

Acq: 03 Oct 2023 22:23

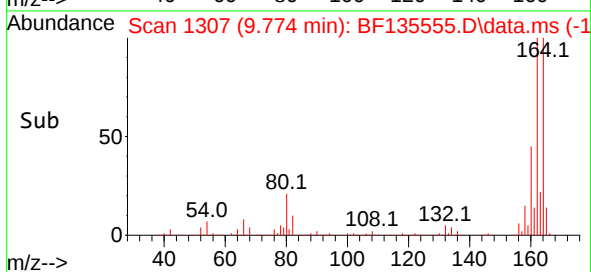
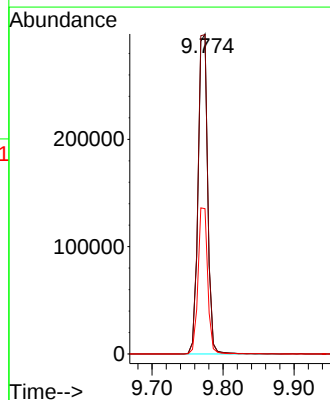
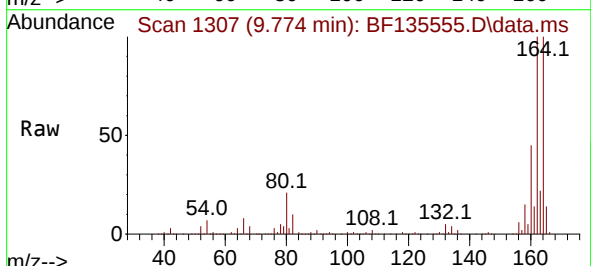
Tgt Ion:164 Resp: 279262

Ion Ratio Lower Upper

164 100

162 99.8 81.0 121.4

160 45.4 37.0 55.4

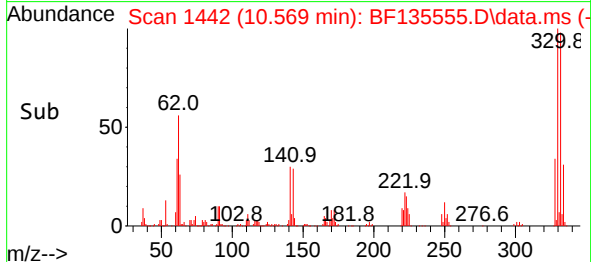
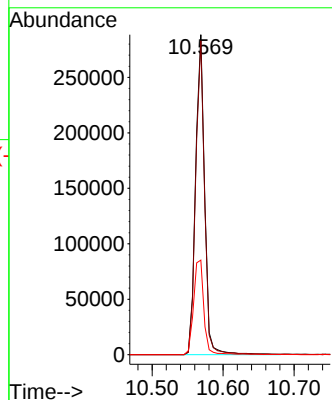
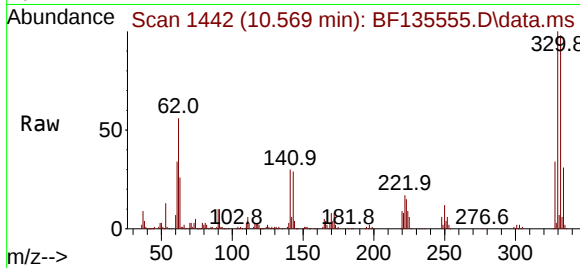




#42
2,4,6-Tribromophenol
Concen: 92.389 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

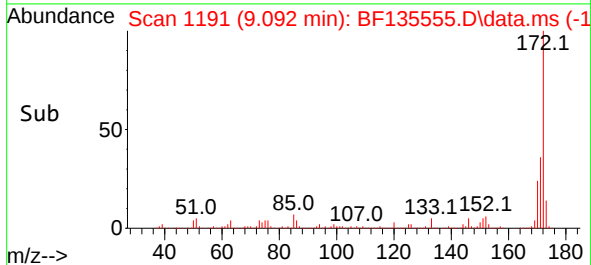
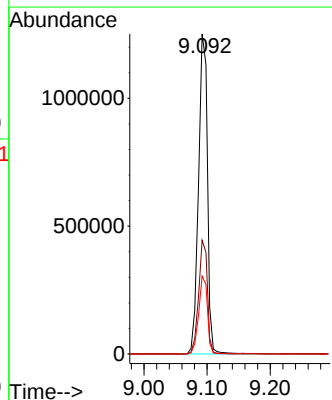
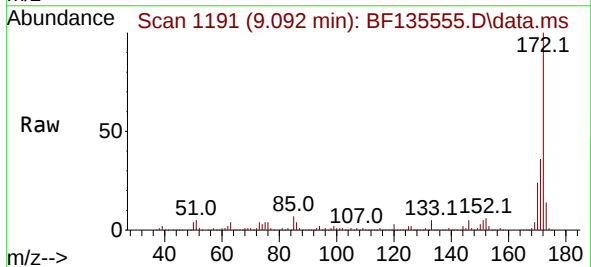
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-10

Tgt Ion:330 Resp: 256397
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 33.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 66.332 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135555.D
Acq: 03 Oct 2023 22:23

Tgt Ion:172 Resp: 1227792
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.4 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: BF135555.D

Acq: 03 Oct 2023 22:23

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-10

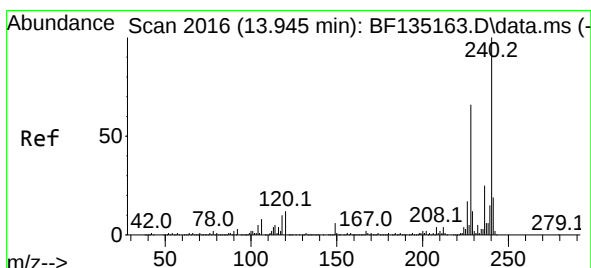
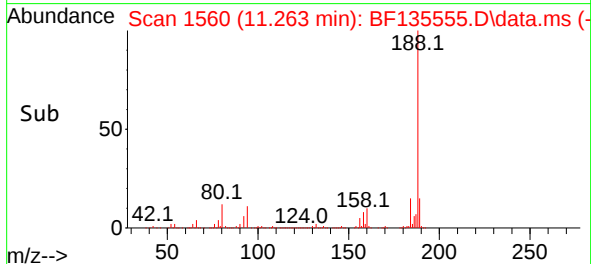
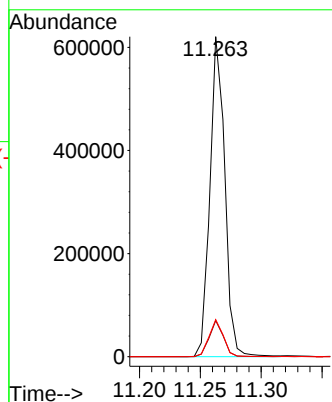
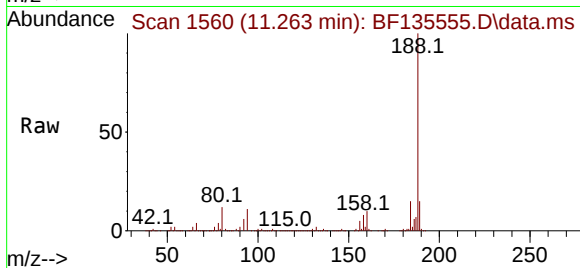
Tgt Ion:188 Resp: 528241

Ion Ratio Lower Upper

188 100

94 11.2 7.0 10.6#

80 11.6 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: BF135555.D

Acq: 03 Oct 2023 22:23

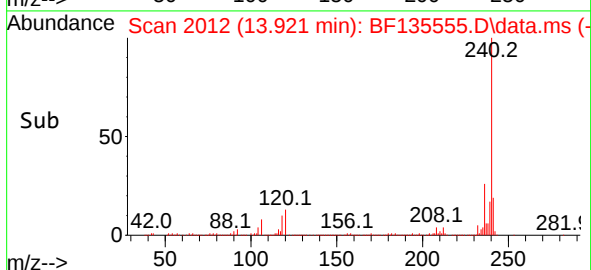
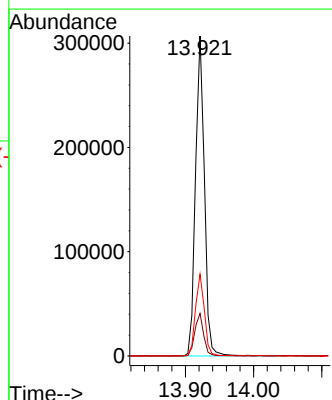
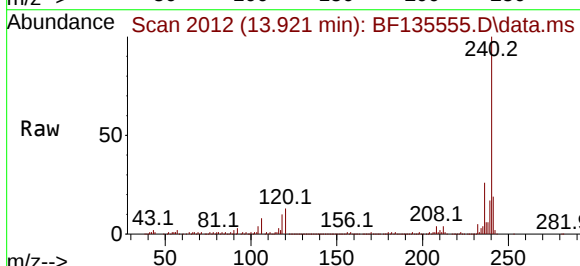
Tgt Ion:240 Resp: 278372

Ion Ratio Lower Upper

240 100

120 13.3 9.4 14.2

236 25.6 19.8 29.8

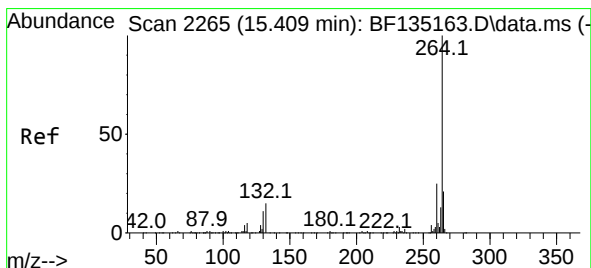
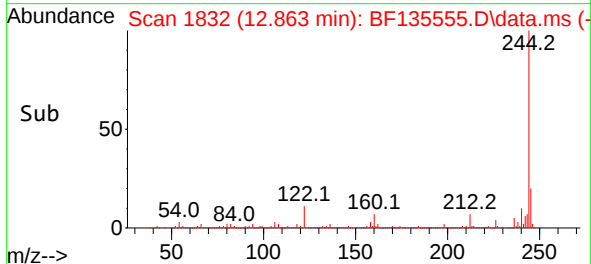
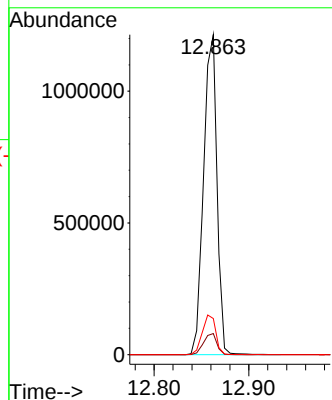
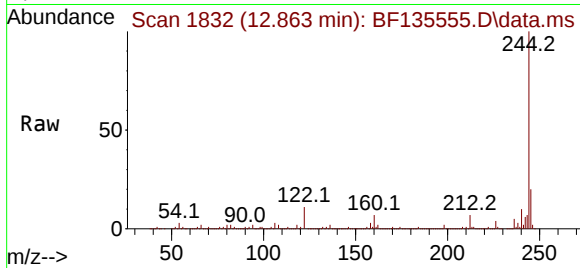




#79
 Terphenyl-d14
 Concen: 66.198 ng
 RT: 12.863 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF135555.D
 Acq: 03 Oct 2023 22:23

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-10

Tgt Ion:244 Resp: 1188743
 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: 15.386 min Scan# 2261
 Delta R.T. -0.000 min
 Lab File: BF135555.D
 Acq: 03 Oct 2023 22:23

Tgt Ion:264 Resp: 296032
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 21.1 17.0 25.4

