

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135560.D
 Acq On : 04 Oct 2023 01:01
 Operator : CG\JU
 Sample : 04627-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-03

Quant Time: Oct 04 07:15:26 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	157376	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	620796	20.000	ng	# 0.00
39) Acenaphthene-d10	9.774	164	308780	20.000	ng	0.00
64) Phenanthrene-d10	11.262	188	577147	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	300811	20.000	ng	0.00
86) Perylene-d12	15.386	264	328546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	888599	91.835	ng	0.00
7) Phenol-d6	6.386	99	1122636	91.244	ng	0.00
23) Nitrobenzene-d5	7.304	82	702862	61.511	ng	0.00
42) 2,4,6-Tribromophenol	10.568	330	245127	79.884	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1195002	58.389	ng	0.00
79) Terphenyl-d14	12.862	244	1168336	60.209	ng	0.00

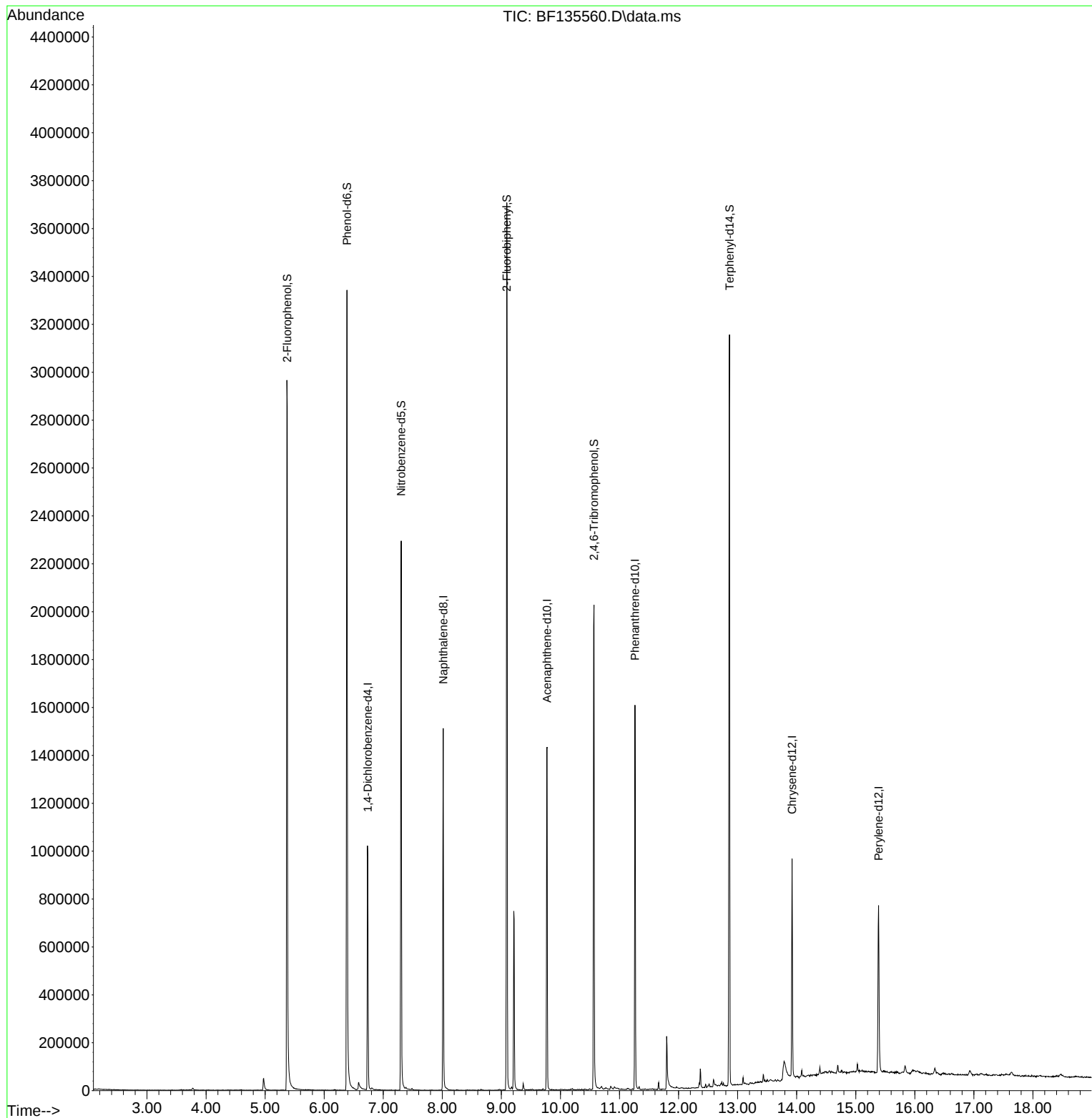
Target Compounds	Qvalue

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

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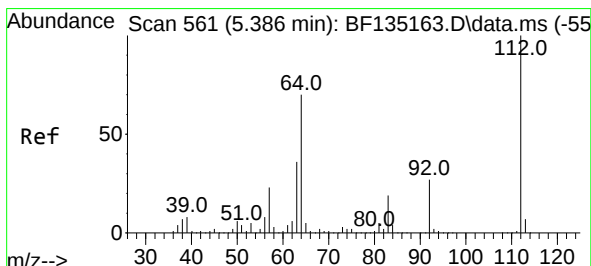
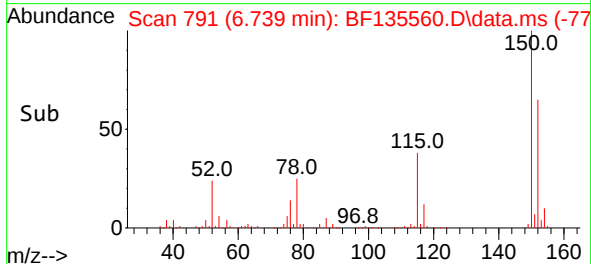
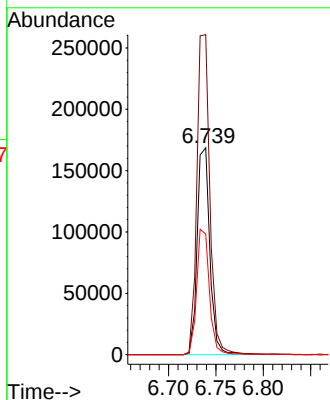
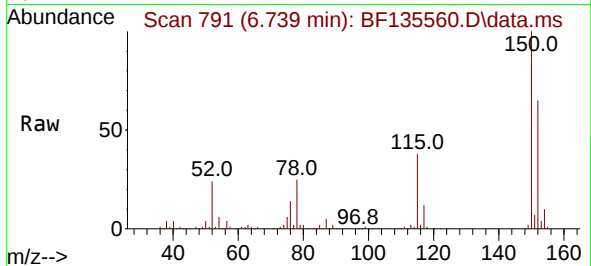




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

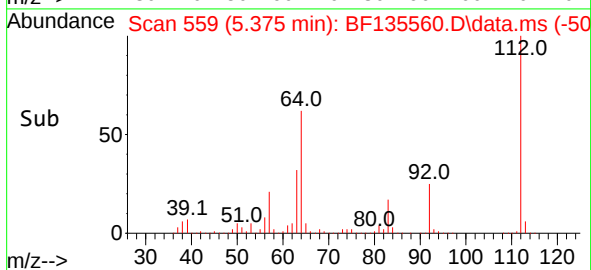
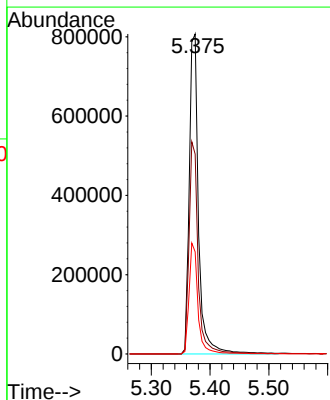
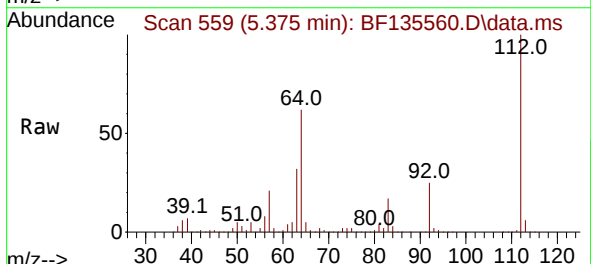
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03

Tgt Ion:152 Resp: 157376
Ion Ratio Lower Upper
152 100
150 154.6 127.8 191.6
115 58.3 49.8 74.8



#5
2-Fluorophenol
Concen: 91.835 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

Tgt Ion:112 Resp: 888599
Ion Ratio Lower Upper
112 100
64 62.5 55.9 83.9
63 31.9 29.0 43.6

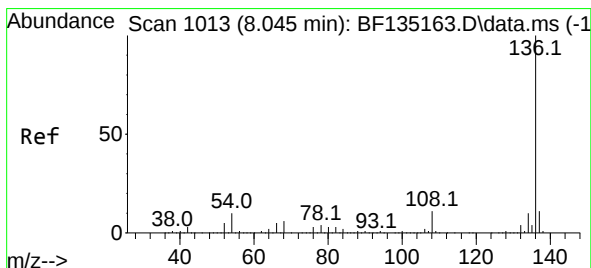
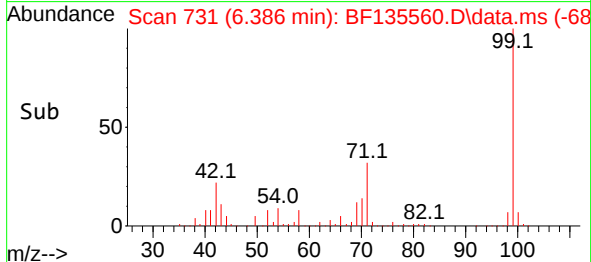
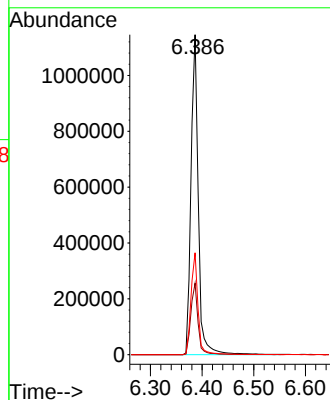
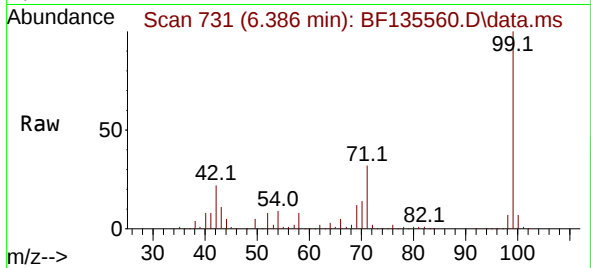




#7
Phenol-d6
Concen: 91.244 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

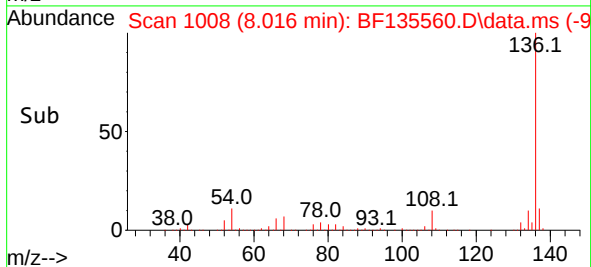
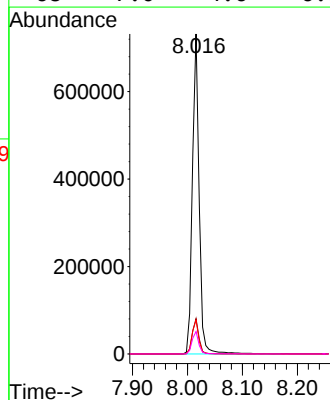
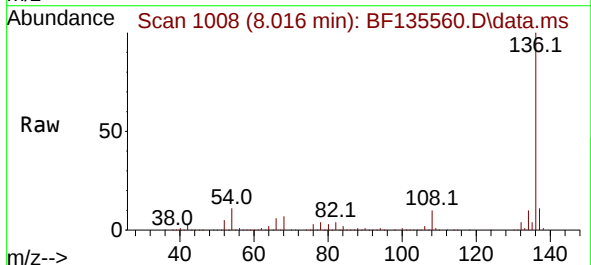
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03

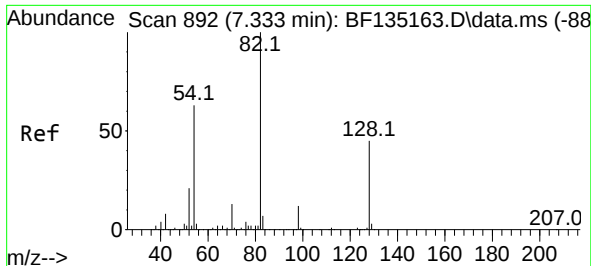
Tgt Ion: 99 Resp: 1122636
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 31.8 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

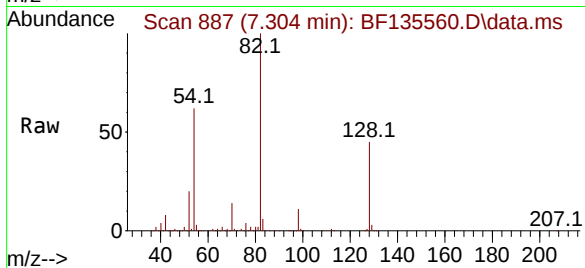
Tgt Ion: 136 Resp: 620796
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.6 7.7 11.5
68 7.0 4.6 6.8#



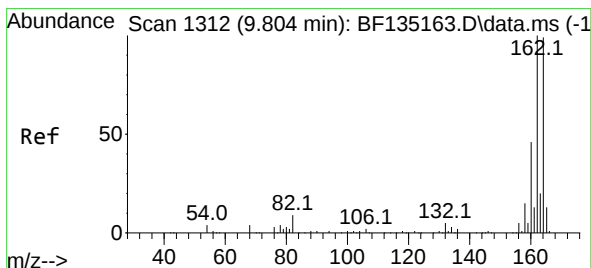
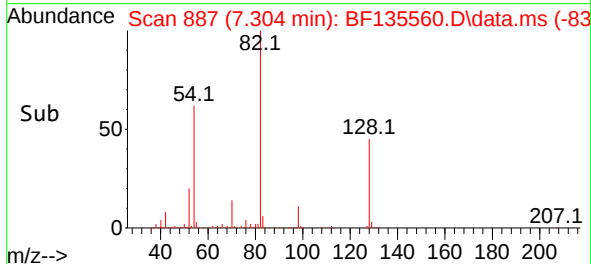
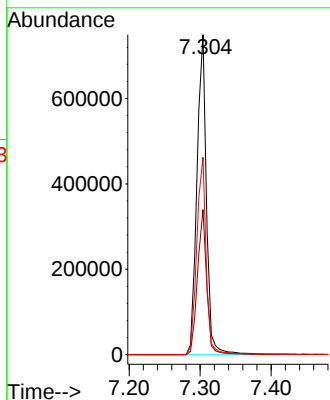


#23
Nitrobenzene-d5
Concen: 61.511 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03

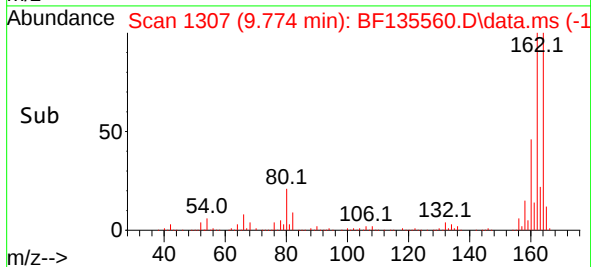
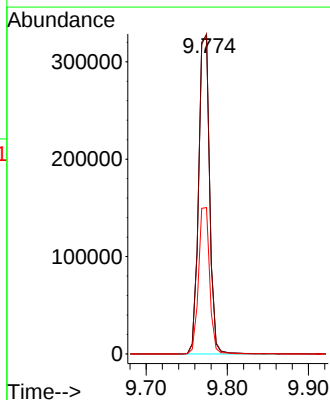
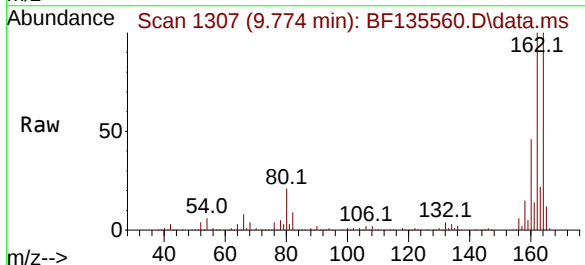


Tgt Ion: 82 Resp: 702862
Ion Ratio Lower Upper
82 100
128 45.3 35.8 53.6
54 61.7 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

Tgt Ion: 164 Resp: 308780
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 45.9 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 79.884 ng

RT: 10.568 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF135560.D

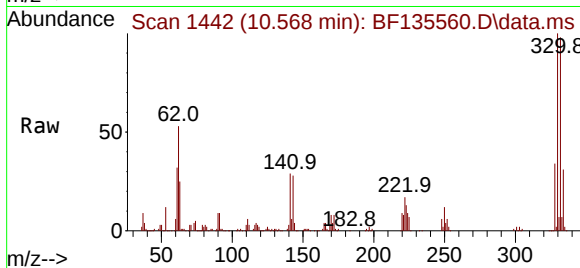
Acq: 04 Oct 2023 01:01

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03



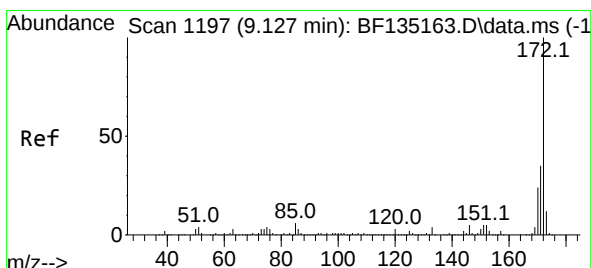
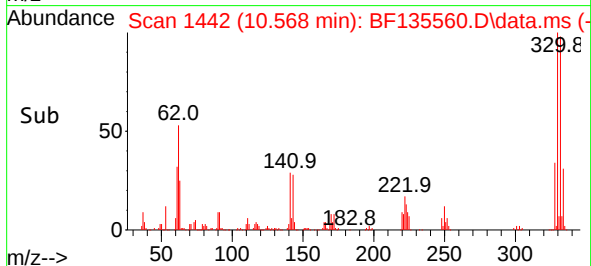
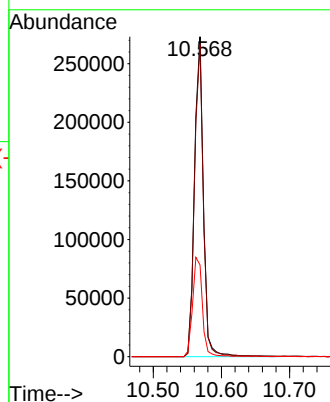
Tgt Ion:330 Resp: 245127

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 34.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 58.389 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135560.D

Acq: 04 Oct 2023 01:01

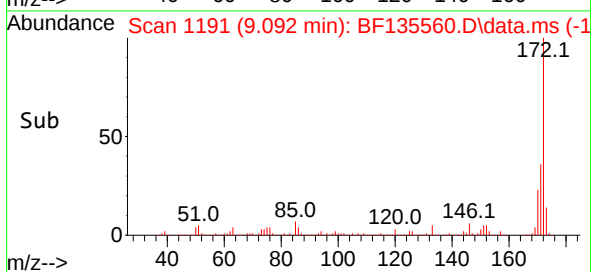
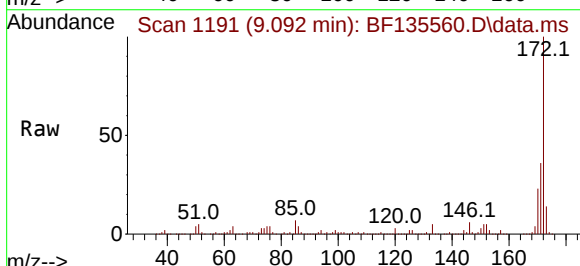
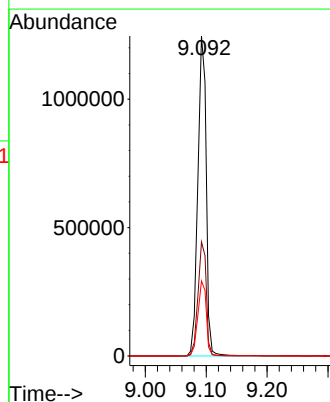
Tgt Ion:172 Resp: 1195002

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.262 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135560.D

Acq: 04 Oct 2023 01:01

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03

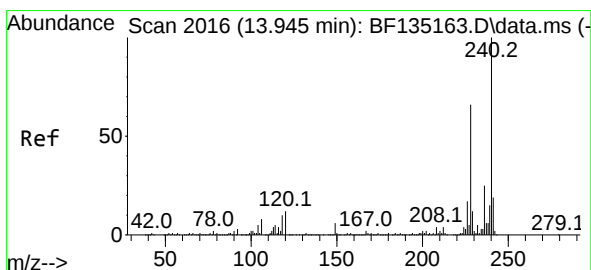
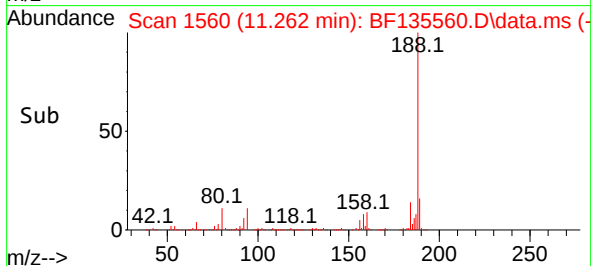
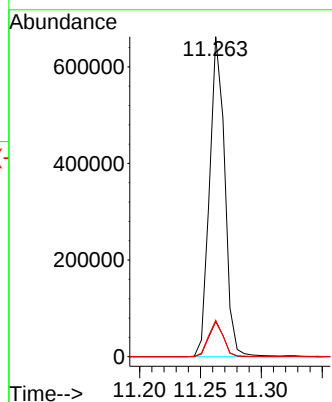
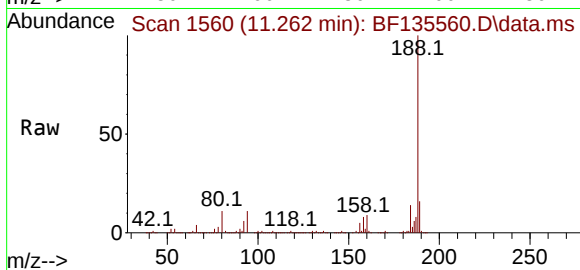
Tgt Ion:188 Resp: 577147

Ion Ratio Lower Upper

188 100

94 10.9 7.0 10.6#

80 11.4 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: BF135560.D

Acq: 04 Oct 2023 01:01

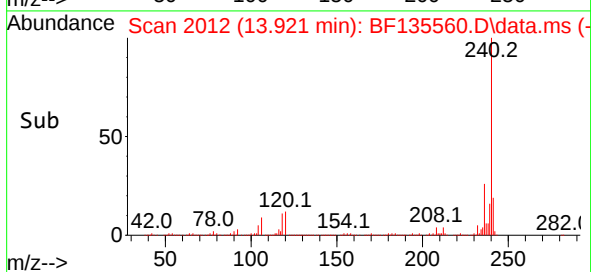
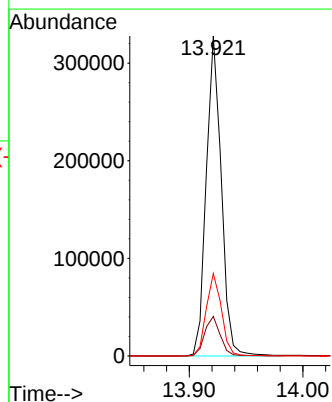
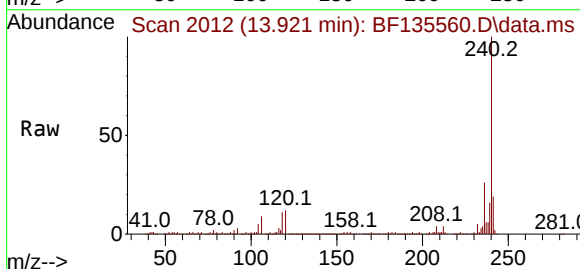
Tgt Ion:240 Resp: 300811

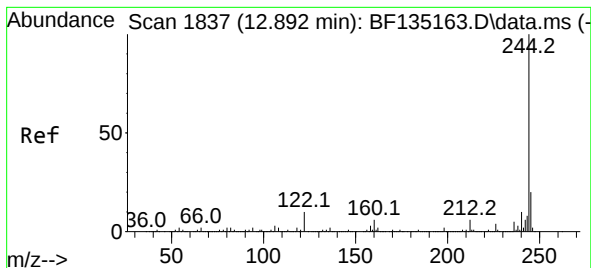
Ion Ratio Lower Upper

240 100

120 12.3 9.4 14.2

236 25.8 19.8 29.8





#79

Terphenyl-d14

Concen: 60.209 ng

RT: 12.862 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135560.D

Acq: 04 Oct 2023 01:01

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03

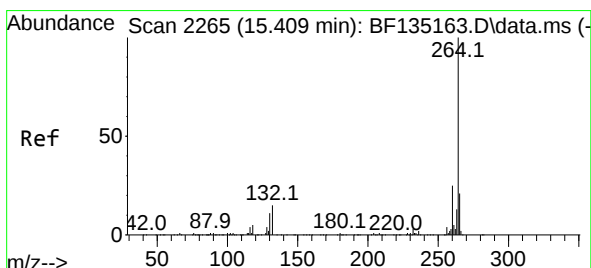
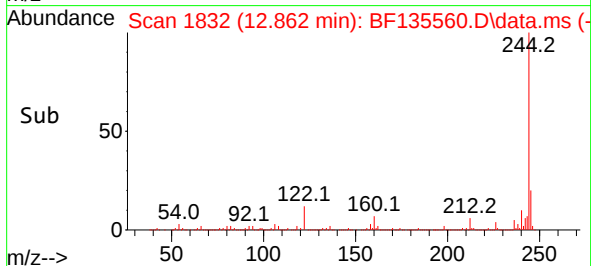
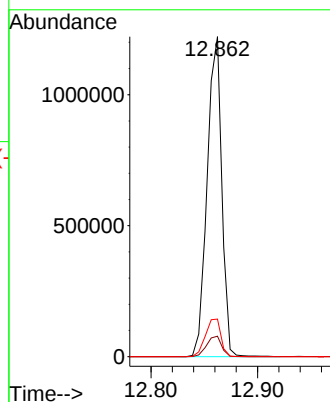
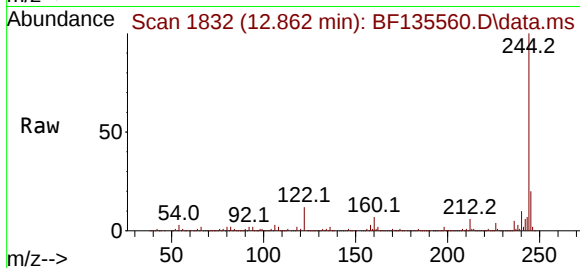
Tgt Ion:244 Resp: 1168336

Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 11.8 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: BF135560.D

Acq: 04 Oct 2023 01:01

Tgt Ion:264 Resp: 328546

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 21.5 17.0 25.4

