

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135551.D
 Acq On : 03 Oct 2023 20:14
 Operator : CG\JU
 Sample : 04627-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-06

Quant Time: Oct 04 07:12:34 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	6.734	152	159186	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	615473	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	306935	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	579966	20.000	ng	# 0.00
76) Chrysene-d12	13.922	240	311875	20.000	ng	0.00
86) Perylene-d12	15.380	264	325395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	970623	99.171	ng	0.00
7) Phenol-d6	6.387	99	1207427	97.020	ng	0.00
23) Nitrobenzene-d5	7.304	82	740257	65.344	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	267205	87.603	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1257043	61.789	ng	0.00
79) Terphenyl-d14	12.863	244	1229622	61.119	ng	0.00

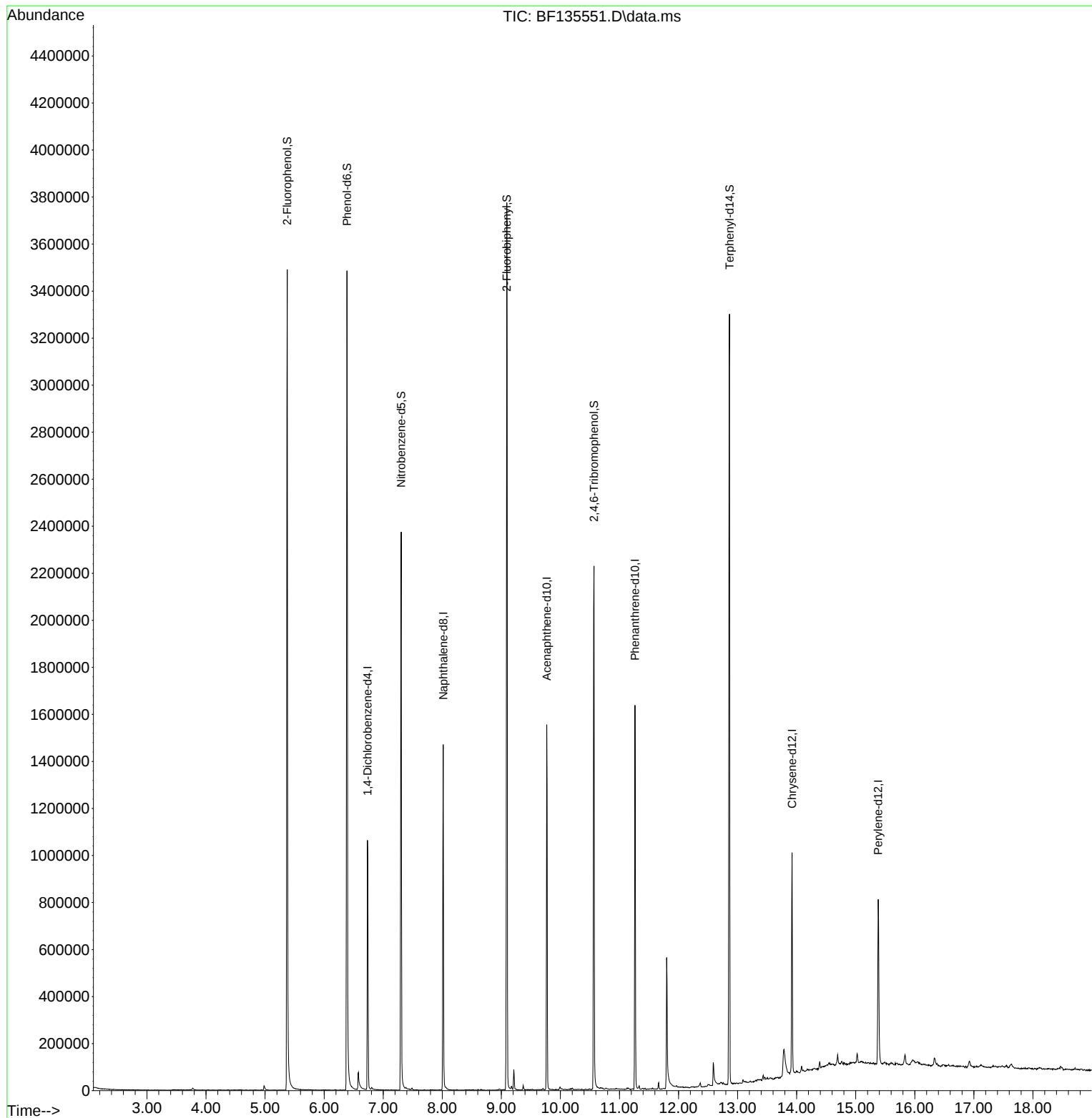
Target Compounds	Qvalue

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

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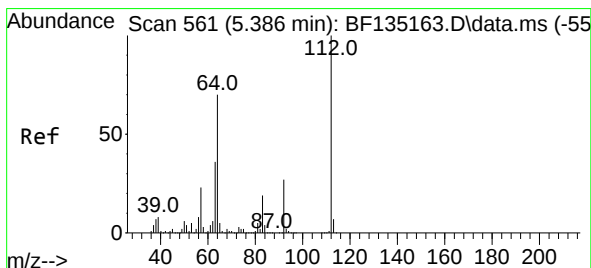
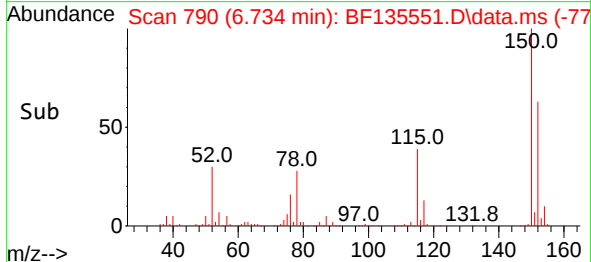
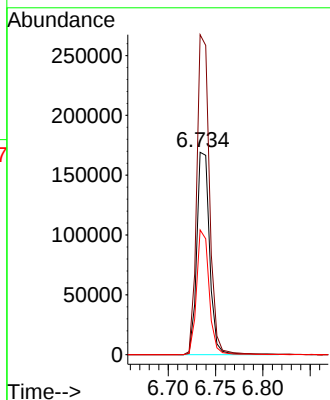
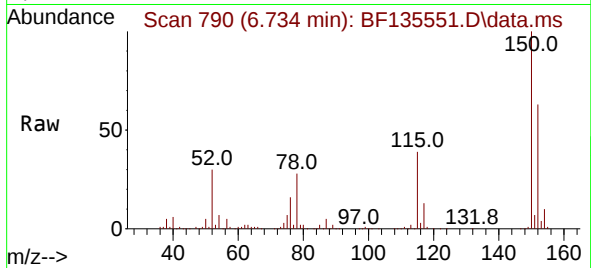




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF135551.D
Acq: 03 Oct 2023 20:14

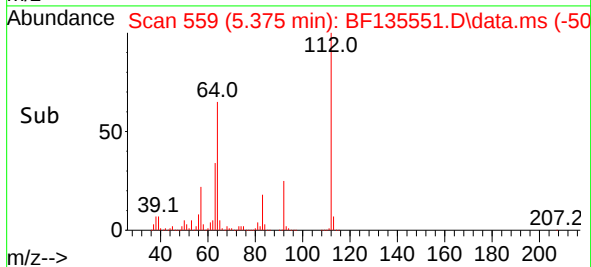
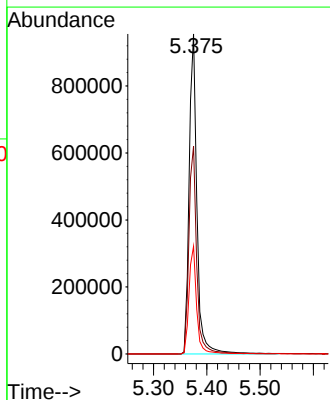
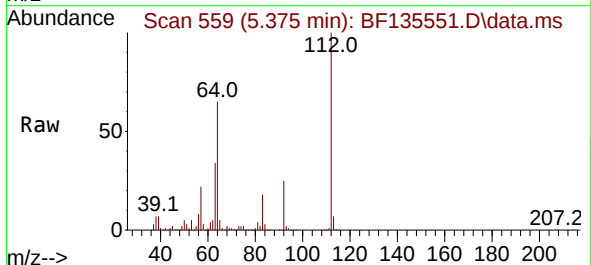
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-06

Tgt Ion:152 Resp: 159186
Ion Ratio Lower Upper
152 100
150 158.1 127.8 191.6
115 61.7 49.8 74.8



#5
2-Fluorophenol
Concen: 99.171 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135551.D
Acq: 03 Oct 2023 20:14

Tgt Ion:112 Resp: 970623
Ion Ratio Lower Upper
112 100
64 65.0 55.9 83.9
63 33.7 29.0 43.6





#7

Phenol-d6

Concen: 97.020 ng

RT: 6.387 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135551.D

Acq: 03 Oct 2023 20:14

Instrument :

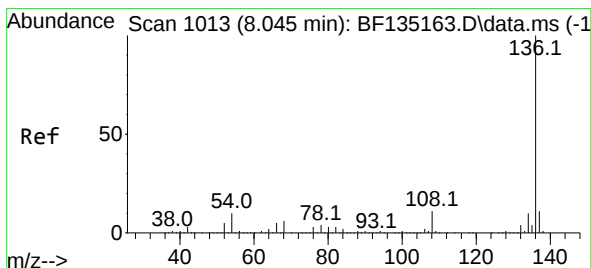
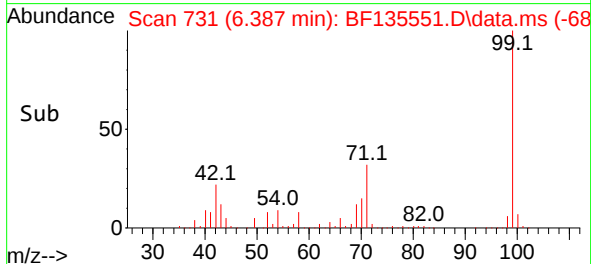
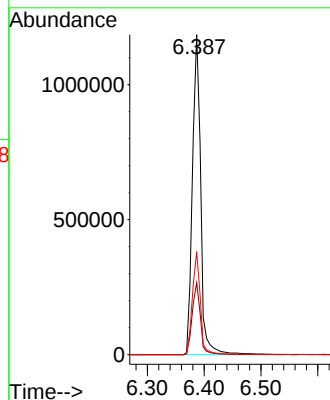
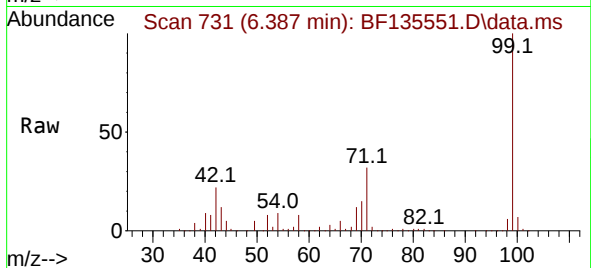
BNA_F

ClientSampleId :

280-300FB-BACKFILL-06

Tgt Ion: 99 Resp: 1207427

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.9	26.9
71	32.2	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1008

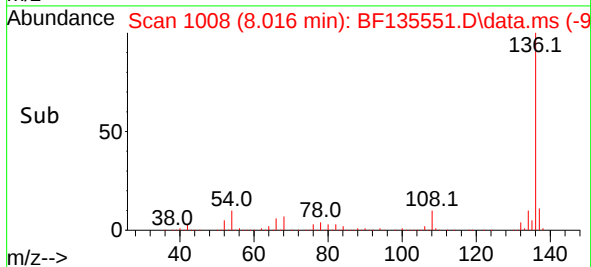
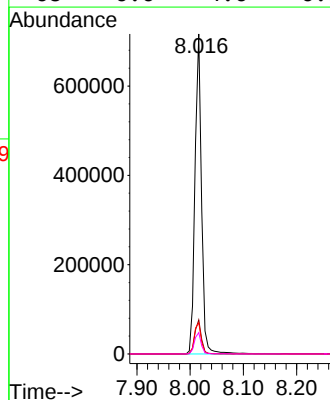
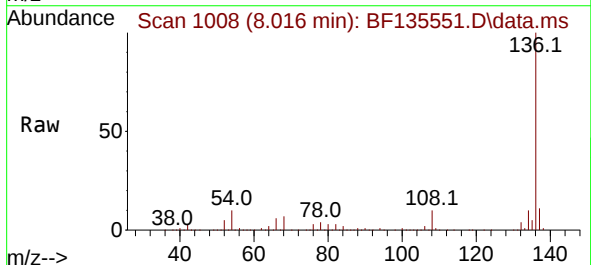
Delta R.T. 0.000 min

Lab File: BF135551.D

Acq: 03 Oct 2023 20:14

Tgt Ion: 136 Resp: 615473

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.8	7.7	11.5
68	6.6	4.6	6.8





#23

Nitrobenzene-d5

Concen: 65.344 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135551.D

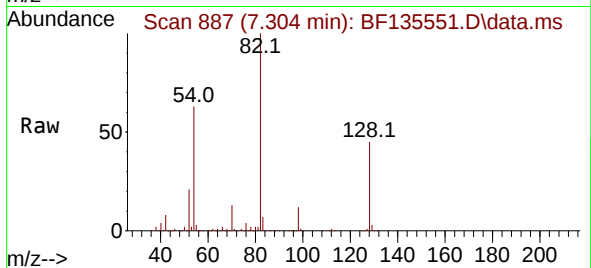
Acq: 03 Oct 2023 20:14

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-06



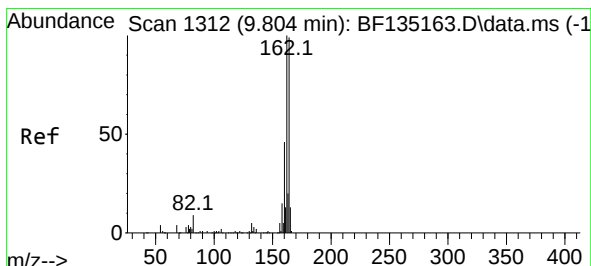
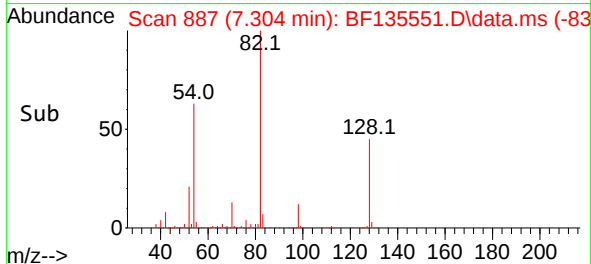
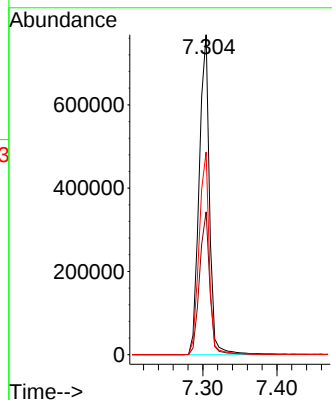
Tgt Ion: 82 Resp: 740257

Ion Ratio Lower Upper

82 100

128 44.7 35.8 53.6

54 63.4 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: BF135551.D

Acq: 03 Oct 2023 20:14

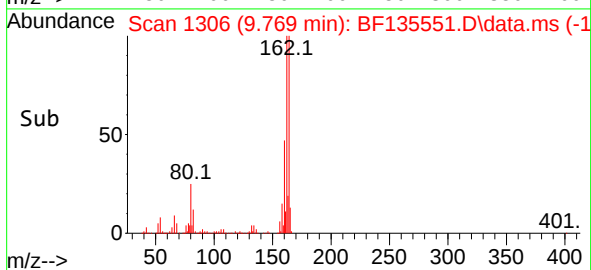
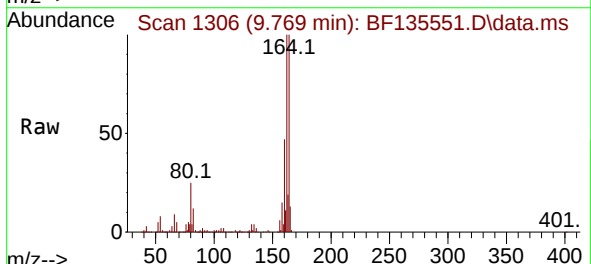
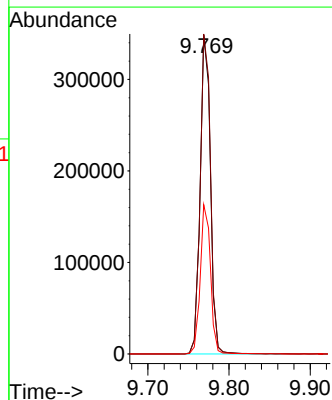
Tgt Ion:164 Resp: 306935

Ion Ratio Lower Upper

164 100

162 100.3 81.0 121.4

160 46.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 87.603 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135551.D

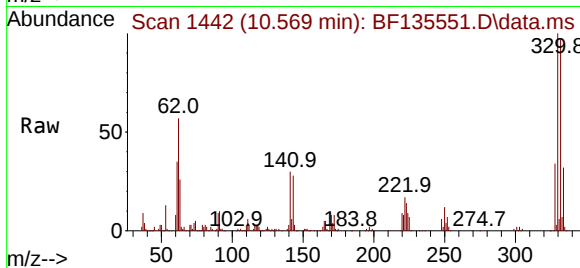
Acq: 03 Oct 2023 20:14

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-06



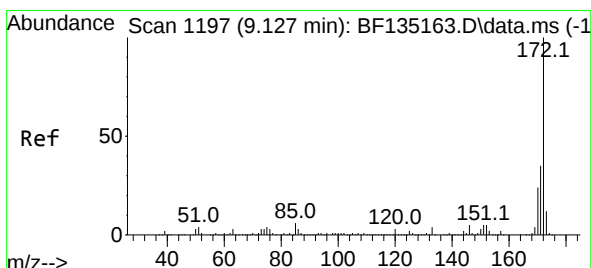
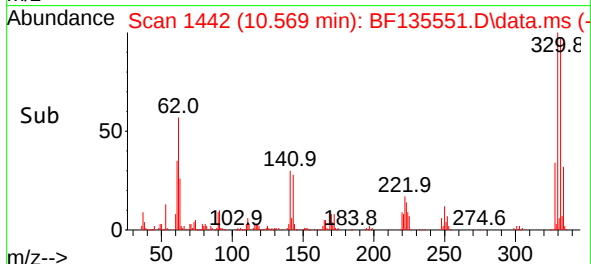
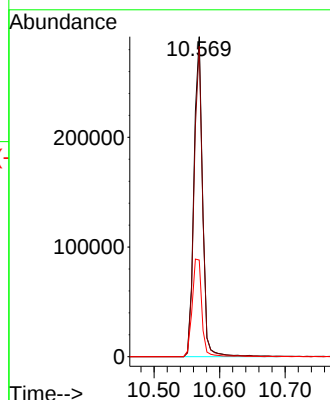
Tgt Ion:330 Resp: 267205

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

141 34.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 61.789 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135551.D

Acq: 03 Oct 2023 20:14

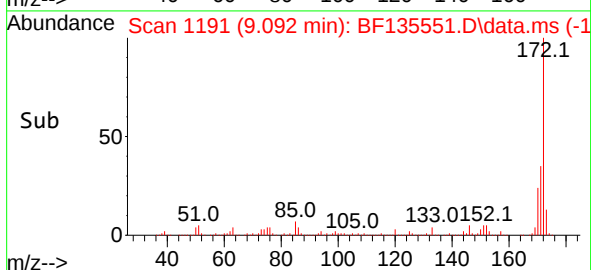
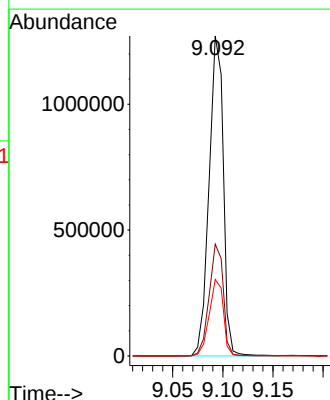
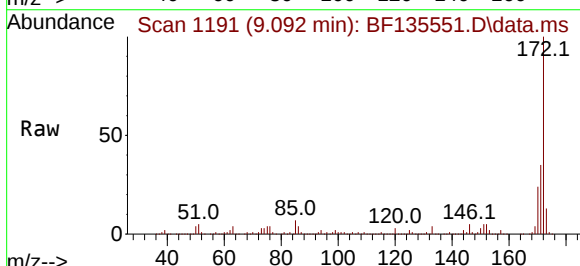
Tgt Ion:172 Resp: 1257043

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.9 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: BF135551.D

Acq: 03 Oct 2023 20:14

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-06

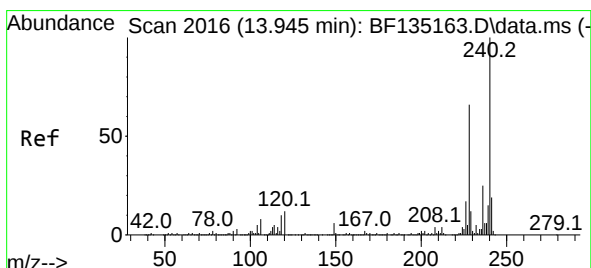
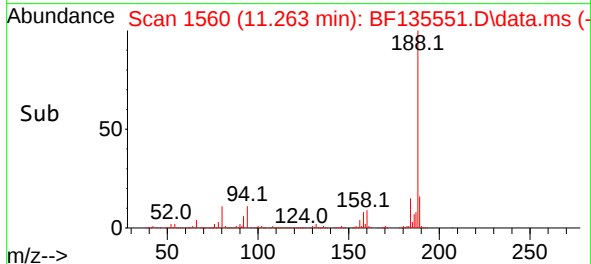
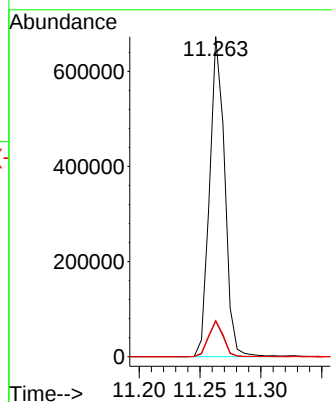
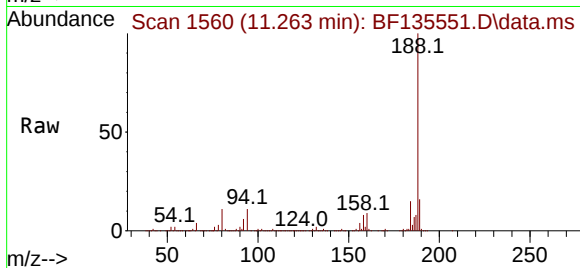
Tgt Ion:188 Resp: 579966

Ion Ratio Lower Upper

188 100

94 11.1 7.0 10.6#

80 11.3 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: BF135551.D

Acq: 03 Oct 2023 20:14

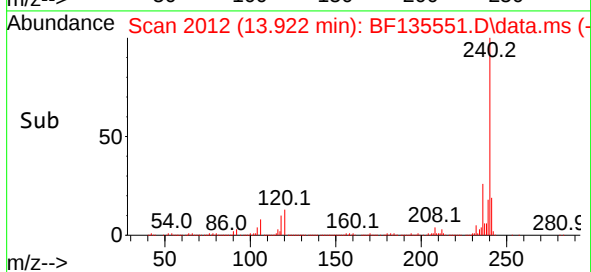
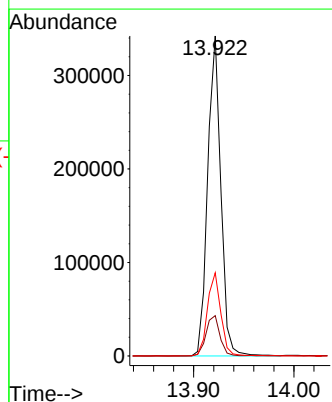
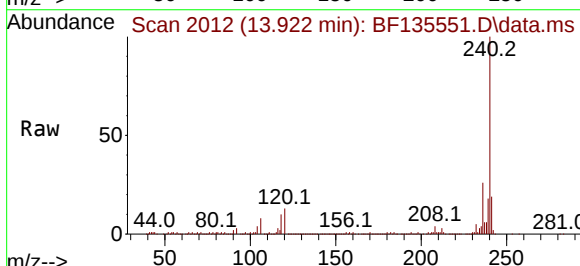
Tgt Ion:240 Resp: 311875

Ion Ratio Lower Upper

240 100

120 12.6 9.4 14.2

236 26.0 19.8 29.8

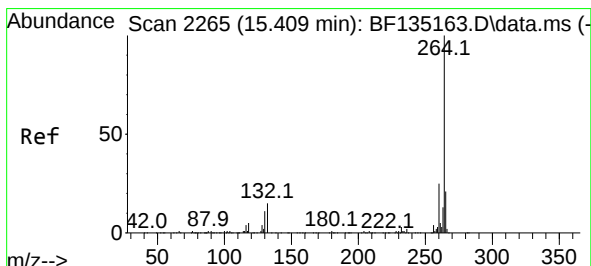
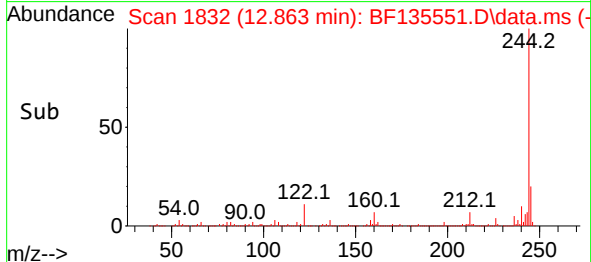
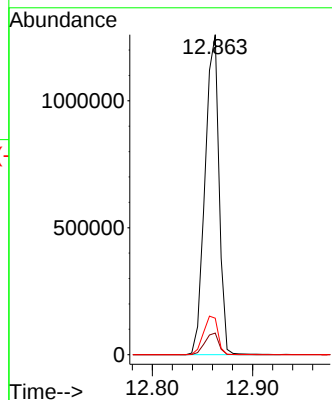
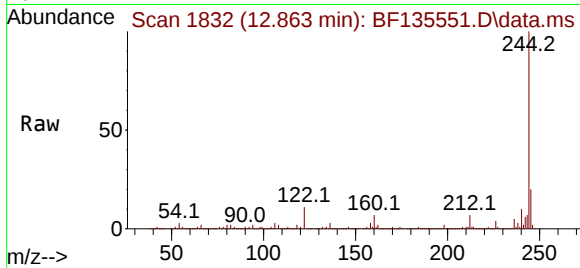




#79
 Terphenyl-d14
 Concen: 61.119 ng
 RT: 12.863 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF135551.D
 Acq: 03 Oct 2023 20:14

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-06

Tgt Ion:244 Resp: 1229622
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.4 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: BF135551.D
 Acq: 03 Oct 2023 20:14

Tgt Ion:264 Resp: 325395
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 22.4 17.0 25.4

