

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135186.D
 Acq On : 12 Sep 2023 17:40
 Operator : CG\JU
 Sample : PB155443BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155443BL

Quant Time: Sep 13 02:42:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	139146	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	536784	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	283108	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	580047	20.000	ng	0.00
76) Chrysene-d12	13.945	240	426620	20.000	ng	0.00
86) Perylene-d12	15.410	264	362343	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	828728	96.868	ng	0.01
7) Phenol-d6	6.404	99	1033191	94.976	ng	0.00
23) Nitrobenzene-d5	7.328	82	642545	65.034	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	303580	107.905	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1202078	64.060	ng	0.00
79) Terphenyl-d14	12.892	244	1477340	53.682	ng	0.00

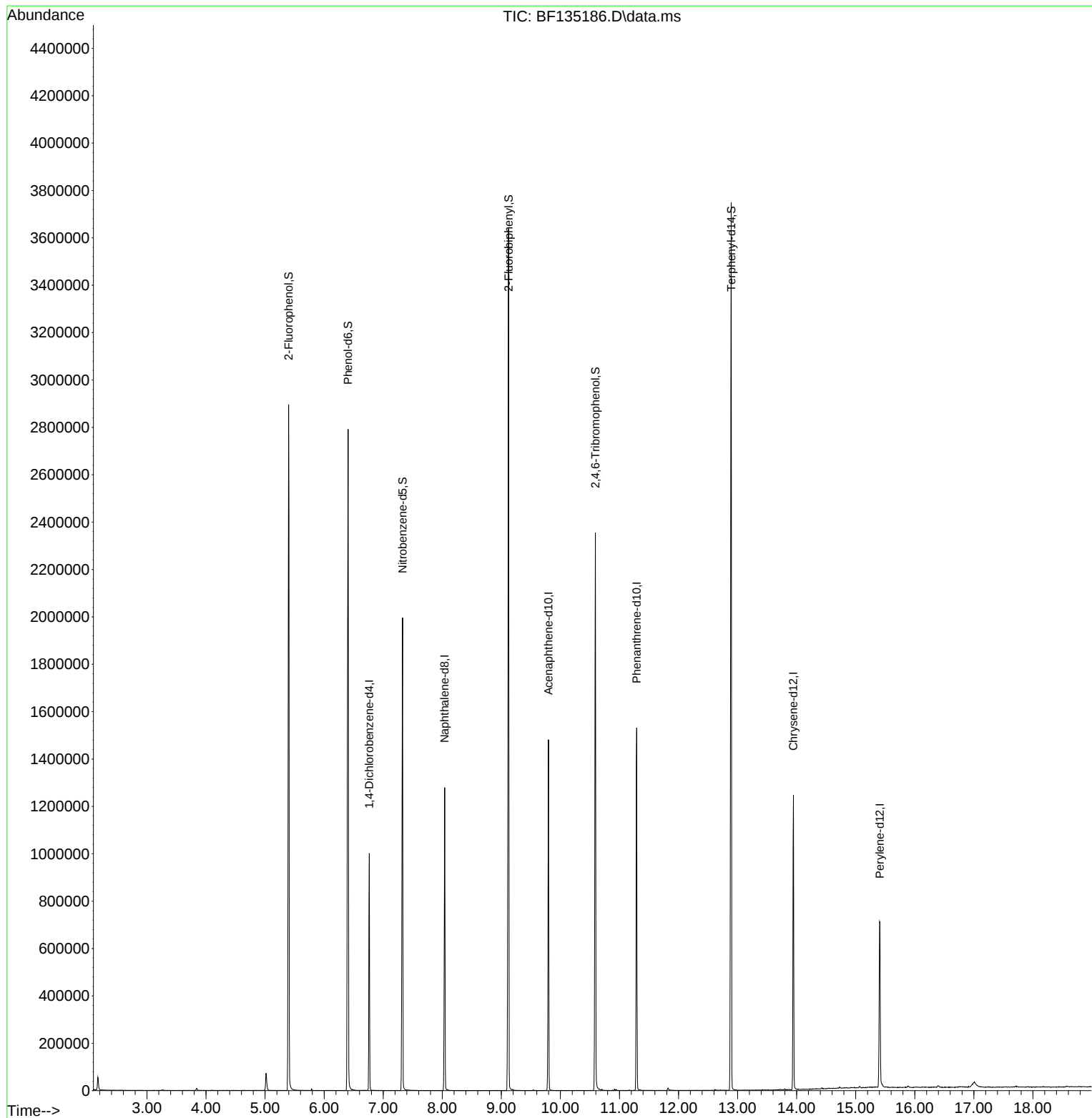
Target Compounds	Qvalue

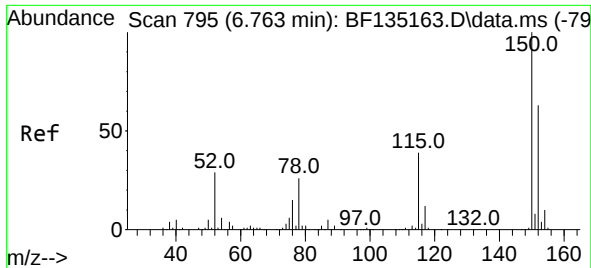
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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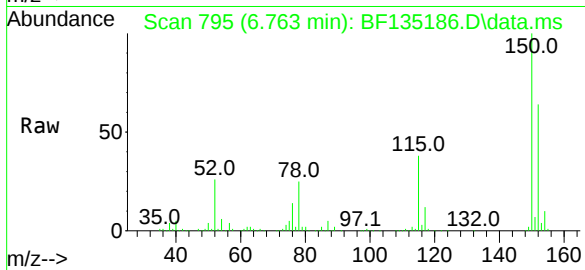
Quant Time: Sep 13 02:42:54 2023
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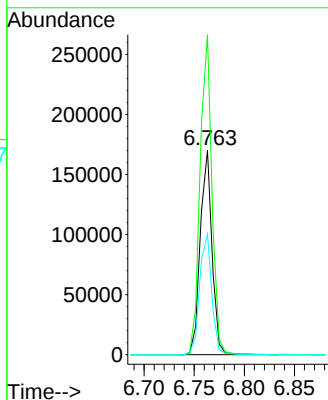
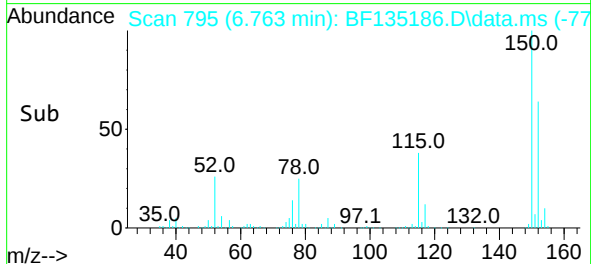


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

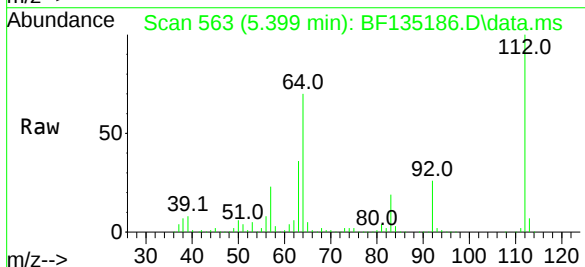
Instrument :
BNA_F
ClientSampleId :
PB155443BL



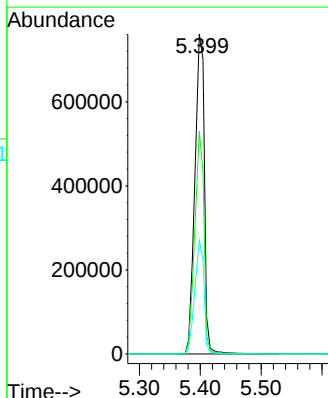
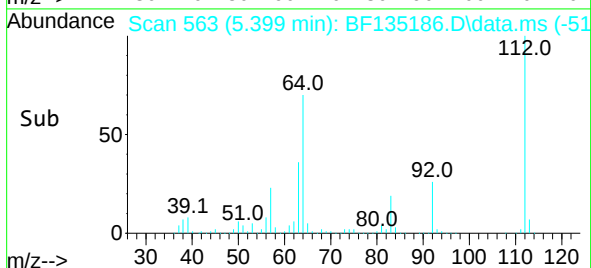
Tgt Ion:152 Resp: 139146
Ion Ratio Lower Upper
152 100
150 156.4 127.8 191.6
115 58.9 49.8 74.8



#5
2-Fluorophenol
Concen: 96.868 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40



Tgt Ion:112 Resp: 828728
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 35.5 29.0 43.6

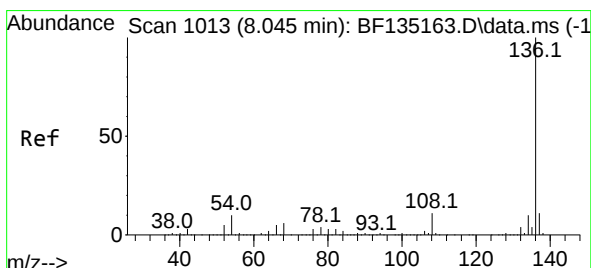
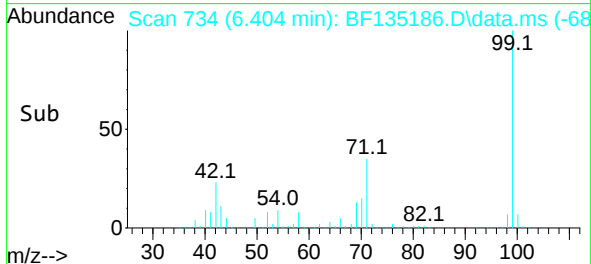
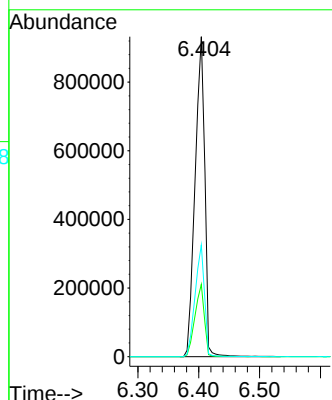
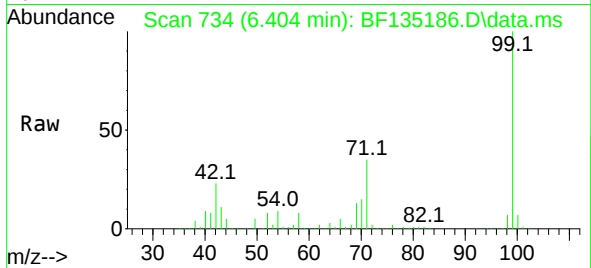




#7
Phenol-d6
Concen: 94.976 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

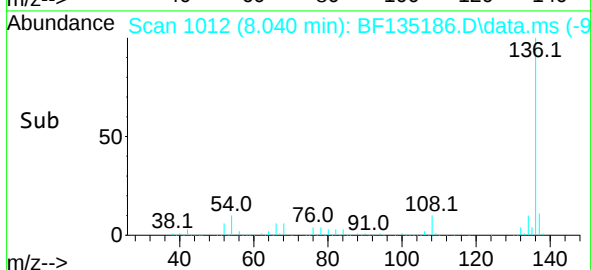
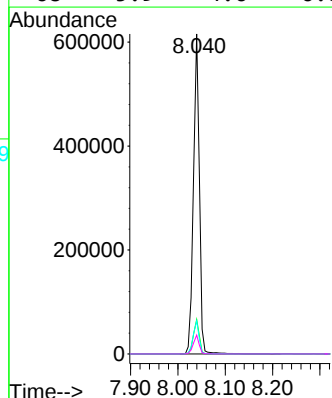
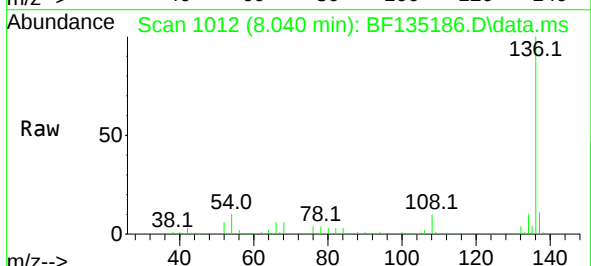
Instrument :
BNA_F
ClientSampleId :
PB155443BL

Tgt Ion: 99 Resp: 1033191
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 34.9 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

Tgt Ion: 136 Resp: 536784
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.3 7.7 11.5
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 65.034 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135186.D

Acq: 12 Sep 2023 17:40

Instrument :

BNA_F

ClientSampleId :

PB155443BL

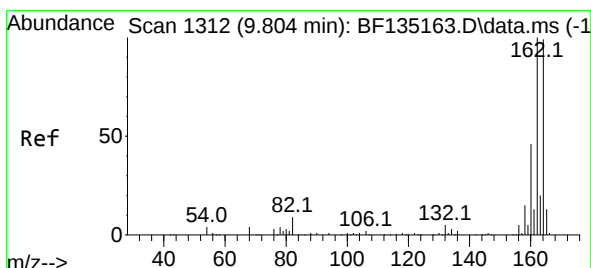
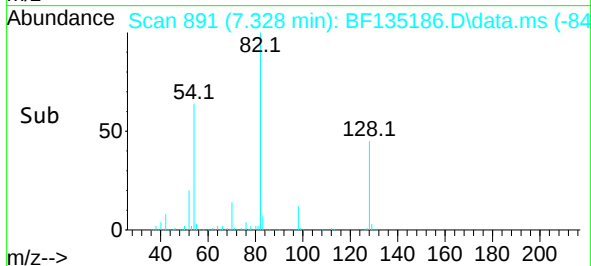
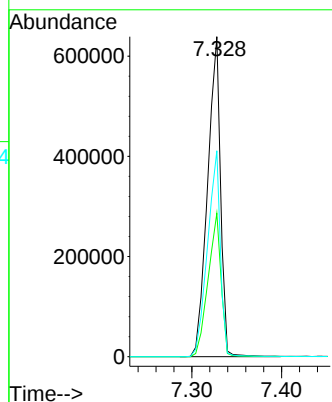
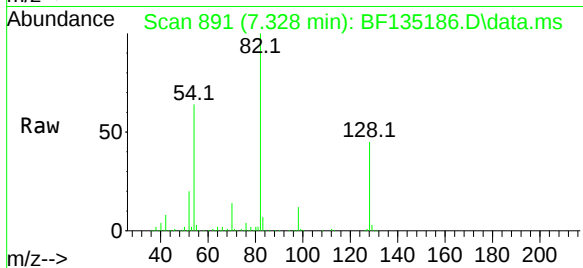
Tgt Ion: 82 Resp: 642545

Ion Ratio Lower Upper

82 100

128 44.8 35.8 53.6

54 64.4 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135186.D

Acq: 12 Sep 2023 17:40

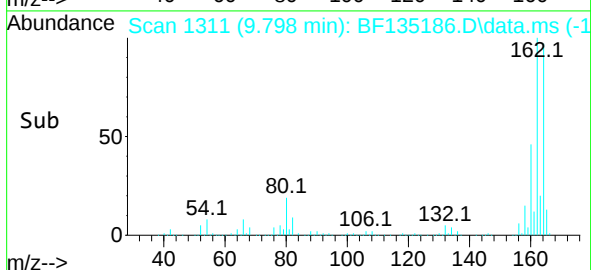
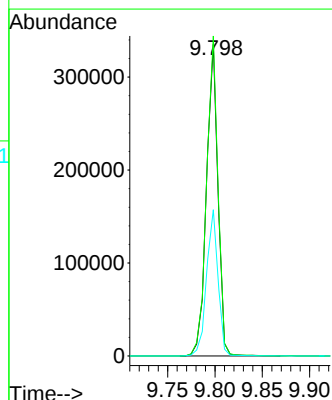
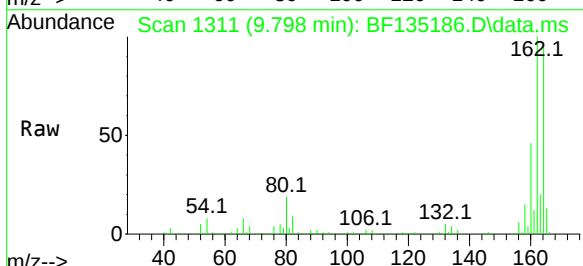
Tgt Ion: 164 Resp: 283108

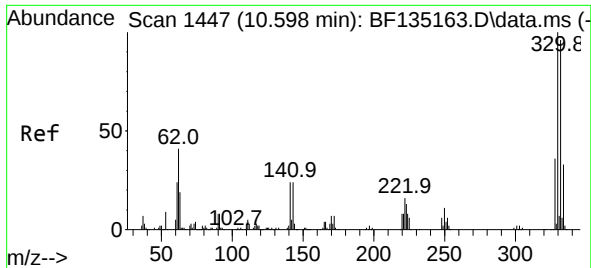
Ion Ratio Lower Upper

164 100

162 102.7 81.0 121.4

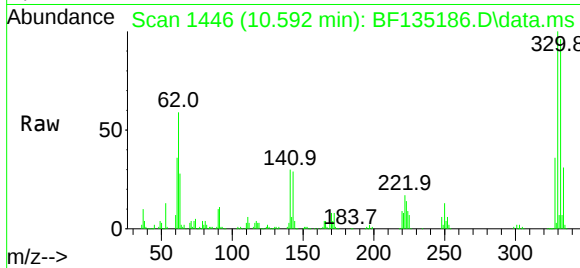
160 46.9 37.0 55.4



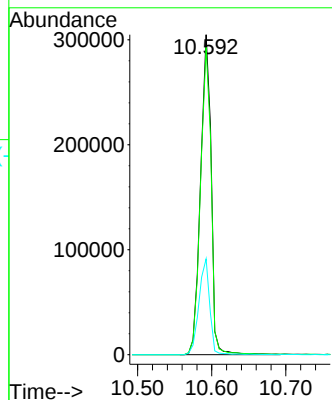
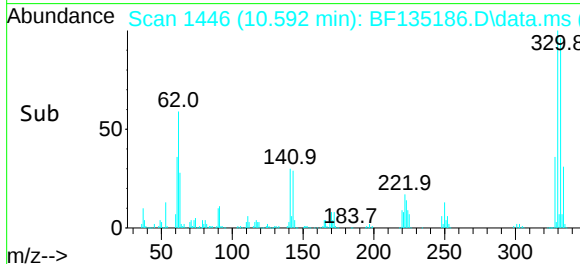


#42
 2,4,6-Tribromophenol
 Concen: 107.905 ng
 RT: 10.592 min Scan# 1446
 Delta R.T. -0.006 min
 Lab File: BF135186.D
 Acq: 12 Sep 2023 17:40

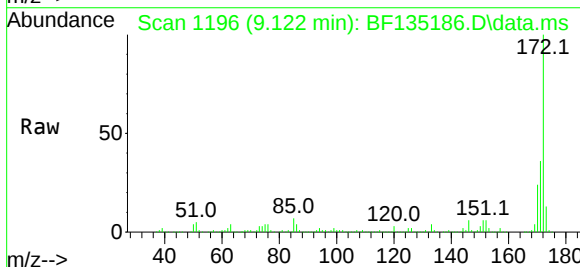
Instrument :
 BNA_F
 ClientSampleId :
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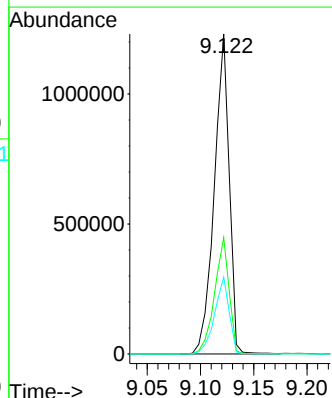
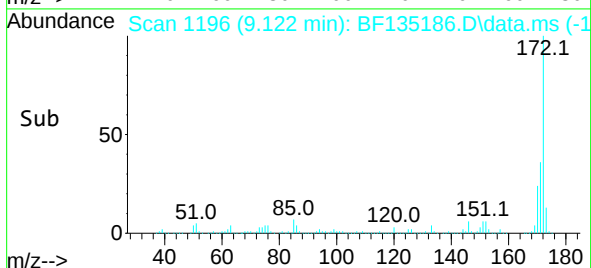
Tgt Ion:330 Resp: 303580
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 30.4 25.8 38.8

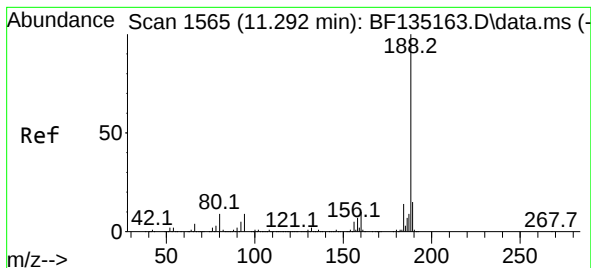


#45
 2-Fluorobiphenyl
 Concen: 64.060 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. -0.006 min
 Lab File: BF135186.D
 Acq: 12 Sep 2023 17:40



Tgt Ion:172 Resp: 1202078
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.4 42.6
 170 24.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135186.D

Acq: 12 Sep 2023 17:40

Instrument :

BNA_F

ClientSampleId :

PB155443BL

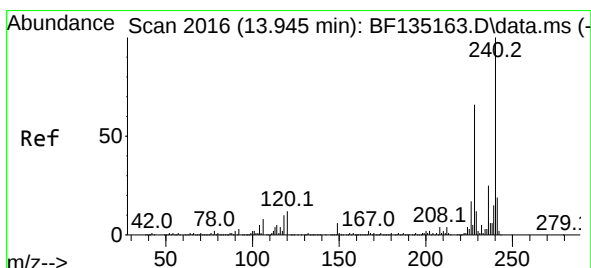
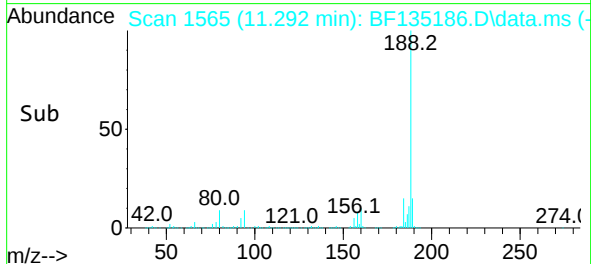
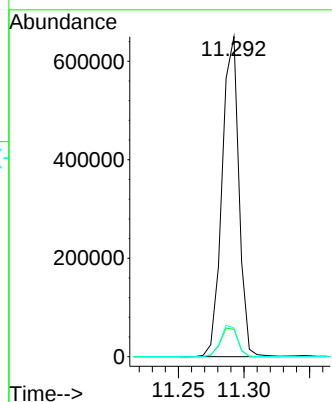
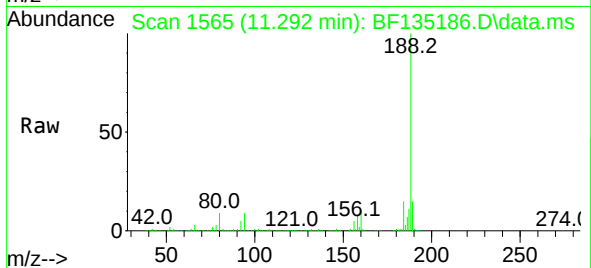
Tgt Ion:188 Resp: 580047

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 8.9 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135186.D

Acq: 12 Sep 2023 17:40

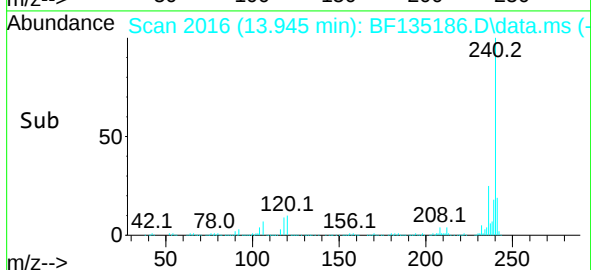
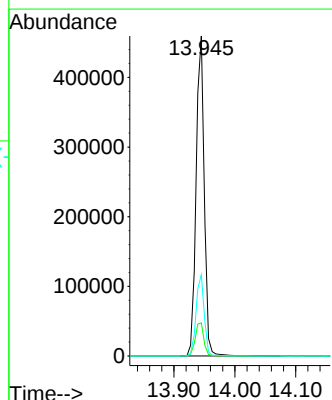
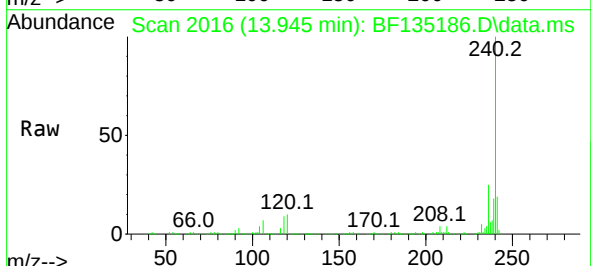
Tgt Ion:240 Resp: 426620

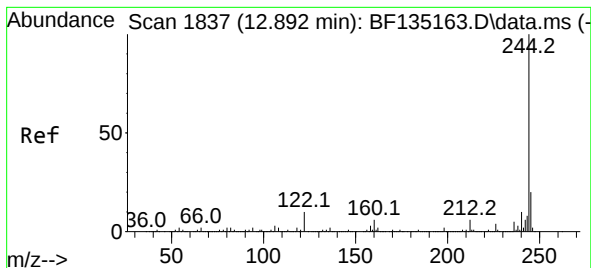
Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 25.4 19.8 29.8





#79

Terphenyl-d14

Concen: 53.682 ng

RT: 12.892 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135186.D

Acq: 12 Sep 2023 17:40

Instrument :

BNA_F

ClientSampleId :

PB155443BL

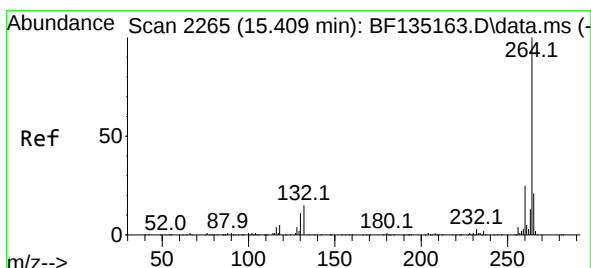
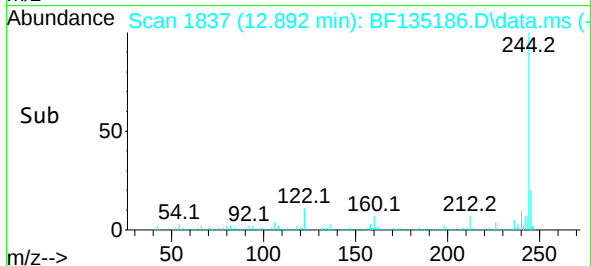
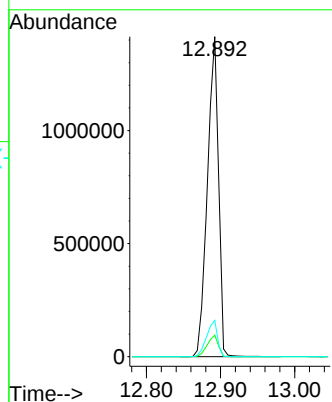
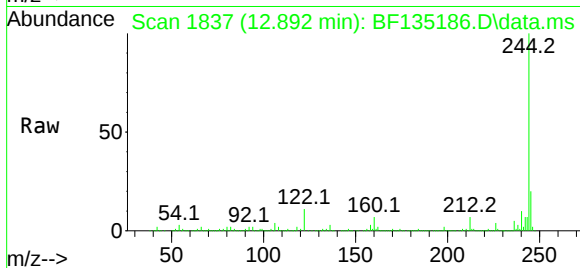
Tgt Ion:244 Resp: 1477340

Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 11.4 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2265

Delta R.T. 0.000 min

Lab File: BF135186.D

Acq: 12 Sep 2023 17:40

Tgt Ion:264 Resp: 362343

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 21.1 17.0 25.4

