

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135361.D
 Acq On : 20 Sep 2023 17:08
 Operator : CG\JU
 Sample : 04351-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B101-01

Quant Time: Sep 21 01:51:59 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	6.757	152	131640	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	490363	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	214356	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	329039	20.000	ng	0.00
76) Chrysene-d12	13.939	240	258208	20.000	ng	0.00
86) Perylene-d12	15.404	264	301481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	731271	90.350	ng	0.00
7) Phenol-d6	6.404	99	897268	87.184	ng	0.00
23) Nitrobenzene-d5	7.322	82	540217	59.853	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	140938	66.162	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	885195	62.303	ng	-0.01
79) Terphenyl-d14	12.880	244	627170	37.653	ng	-0.01

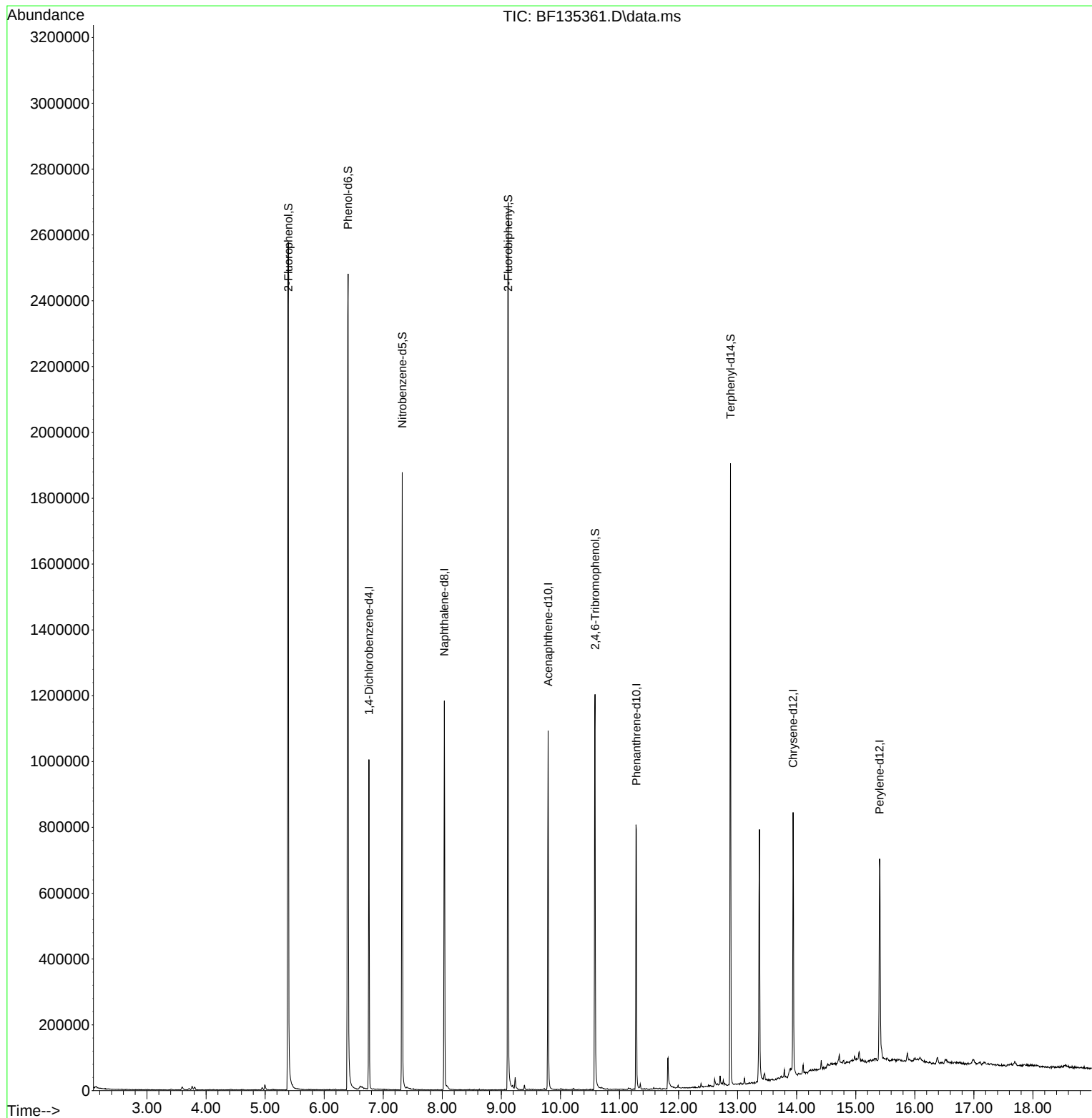
Target Compounds	Qvalue

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

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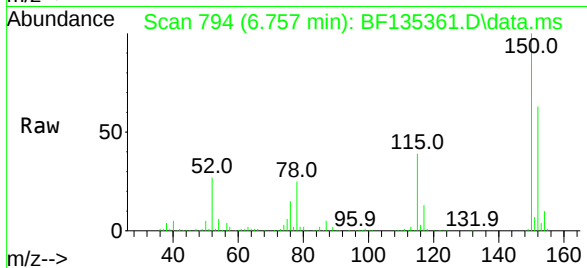
Quant Time: Sep 21 01:51:59 2023
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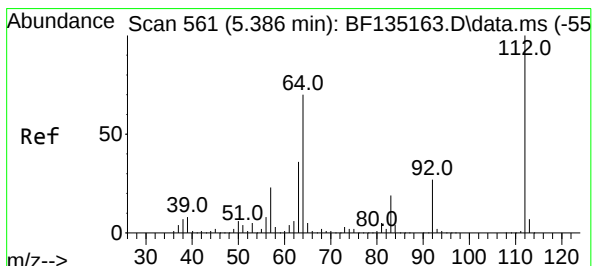
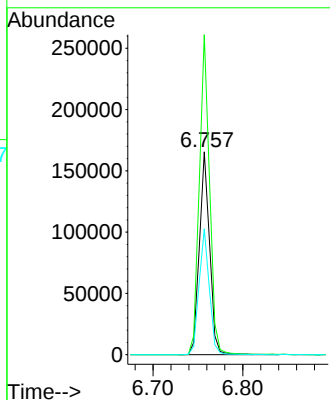
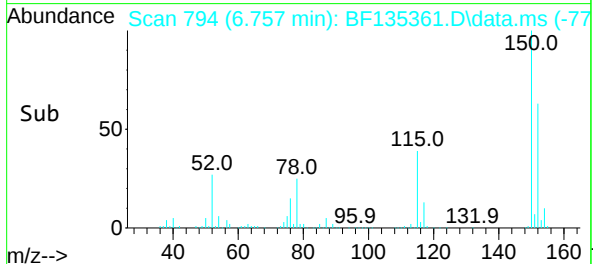


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

Instrument :
BNA_F
ClientSampleId :
B101-01

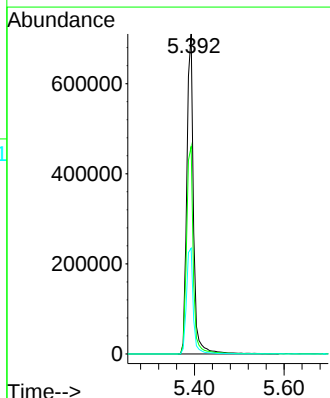
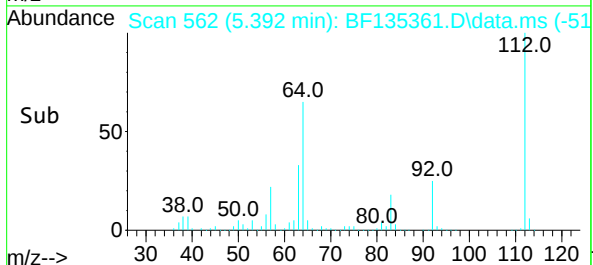
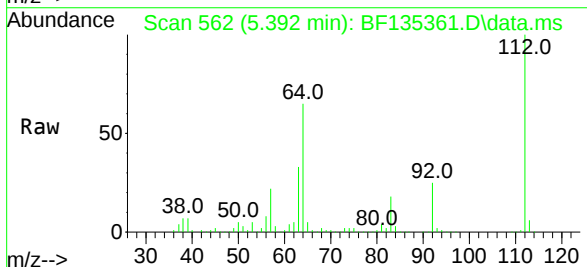


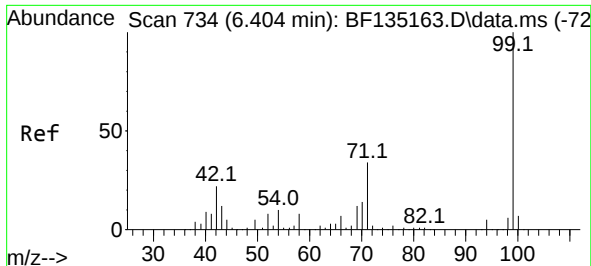
Tgt Ion:152 Resp: 131640
Ion Ratio Lower Upper
152 100
150 157.7 127.8 191.6
115 62.0 49.8 74.8



#5
2-Fluorophenol
Concen: 90.350 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

Tgt Ion:112 Resp: 731271
Ion Ratio Lower Upper
112 100
64 64.9 55.9 83.9
63 33.0 29.0 43.6

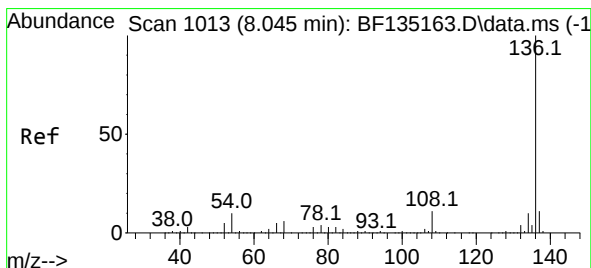
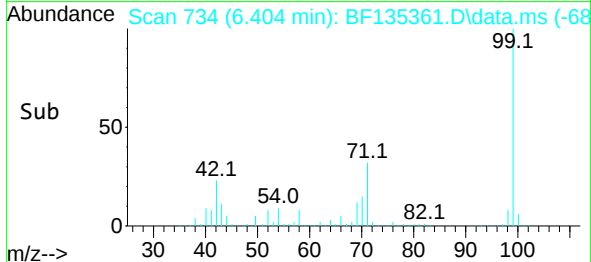
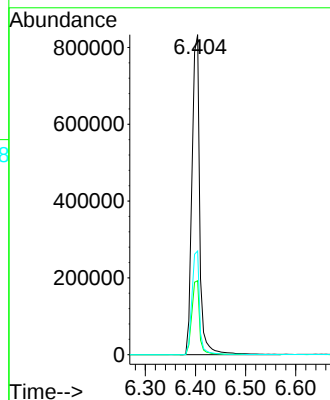
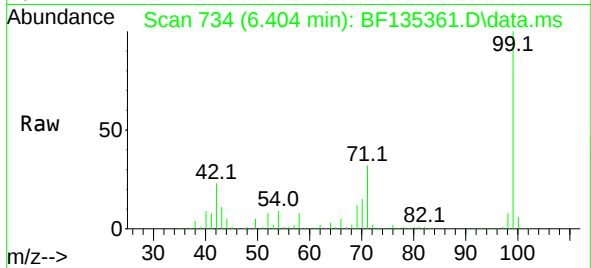




#7
Phenol-d6
Concen: 87.184 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

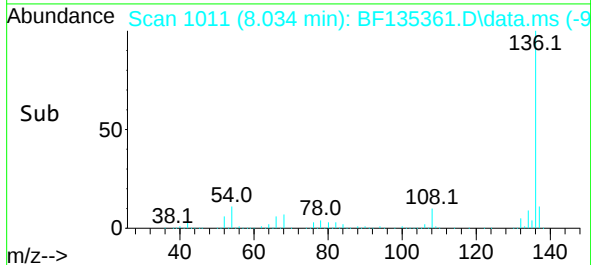
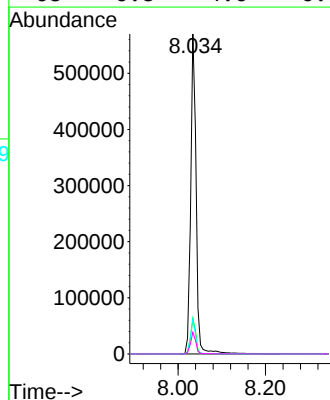
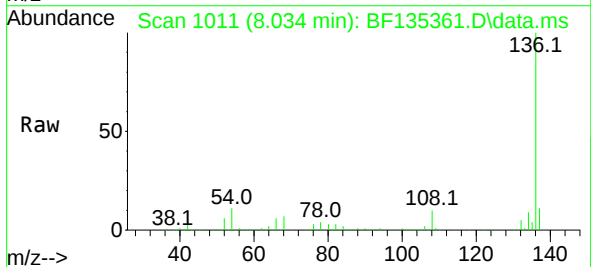
Instrument :
BNA_F
ClientSampleId :
B101-01

Tgt Ion: 99 Resp: 897268
Ion Ratio Lower Upper
99 100
42 23.1 17.9 26.9
71 32.4 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135361.D
Acq: 20 Sep 2023 17:08

Tgt Ion: 136 Resp: 490363
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.9 7.7 11.5
68 6.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 59.853 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135361.D

Acq: 20 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

B101-01

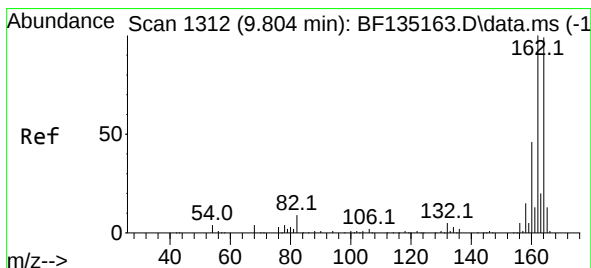
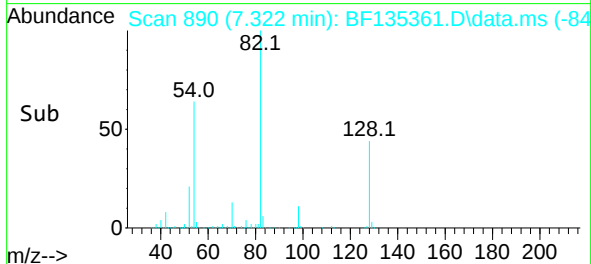
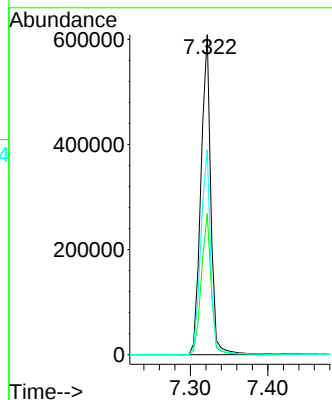
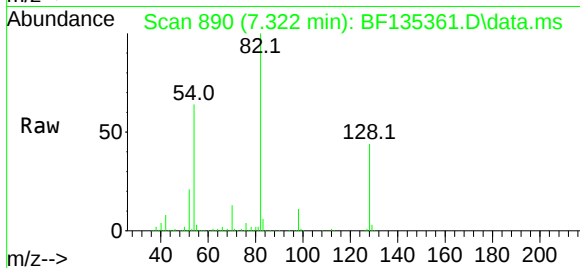
Tgt Ion: 82 Resp: 540217

Ion Ratio Lower Upper

82 100

128 44.1 35.8 53.6

54 64.0 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.012 min

Lab File: BF135361.D

Acq: 20 Sep 2023 17:08

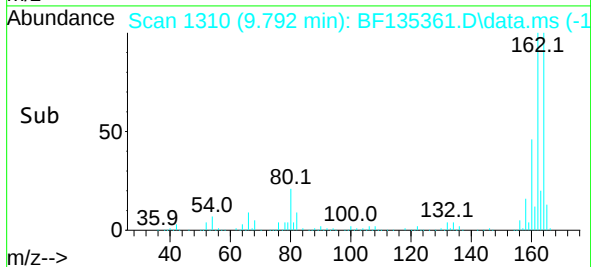
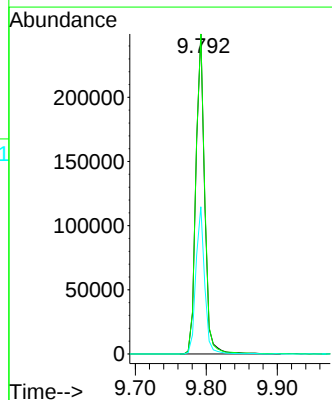
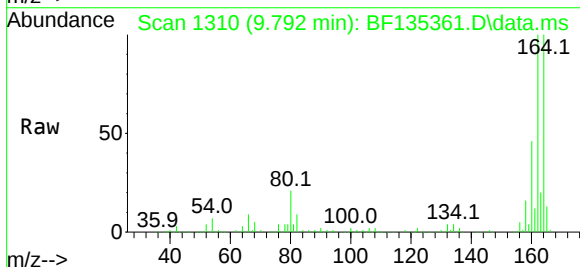
Tgt Ion: 164 Resp: 214356

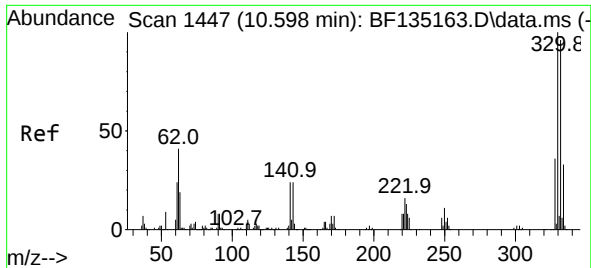
Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.4

160 46.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 66.162 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF135361.D

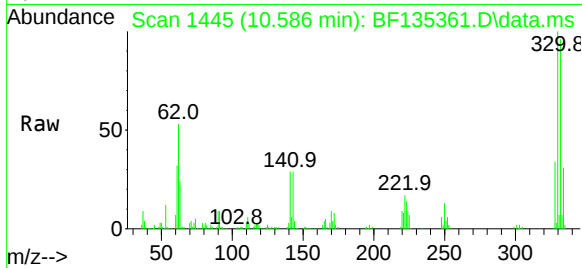
Acq: 20 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

B101-01



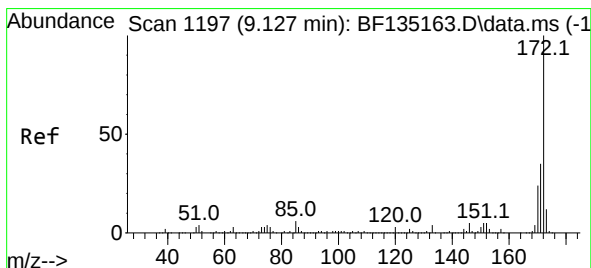
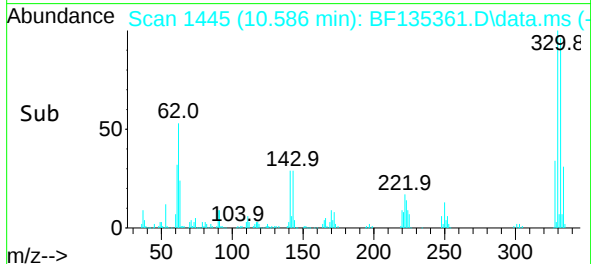
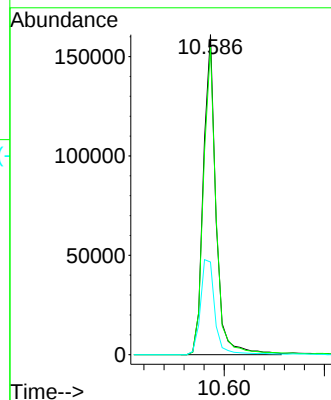
Tgt Ion:330 Resp: 140938

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

141 34.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 62.303 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135361.D

Acq: 20 Sep 2023 17:08

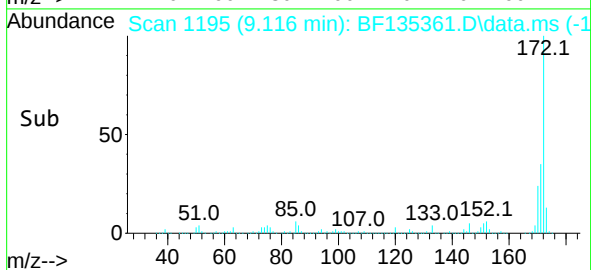
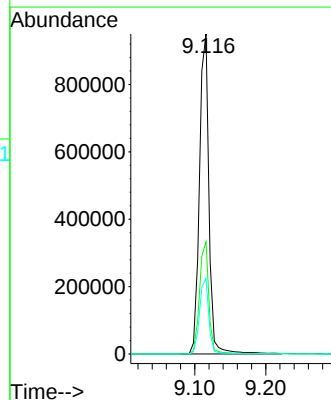
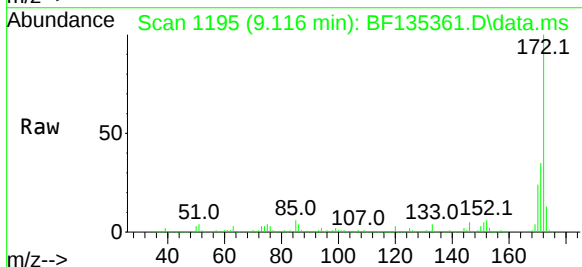
Tgt Ion:172 Resp: 885195

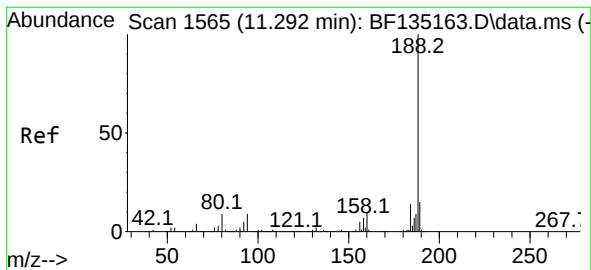
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135361.D

Acq: 20 Sep 2023 17:08

Instrument :

BNA_F

ClientSampleId :

B101-01

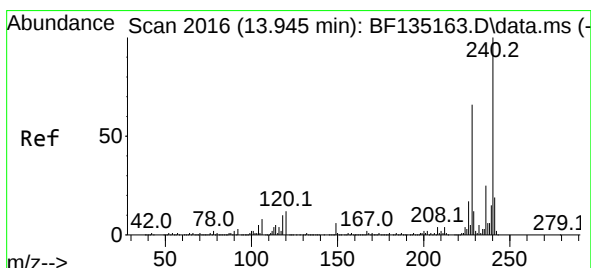
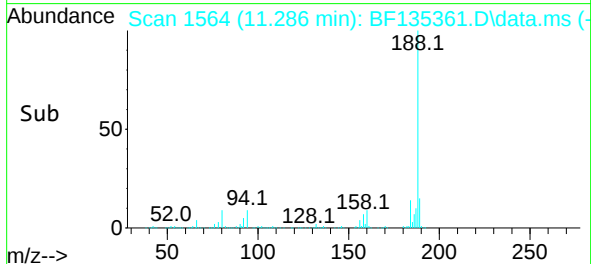
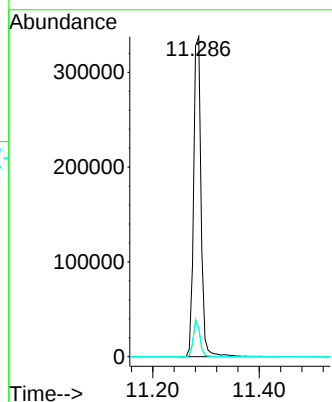
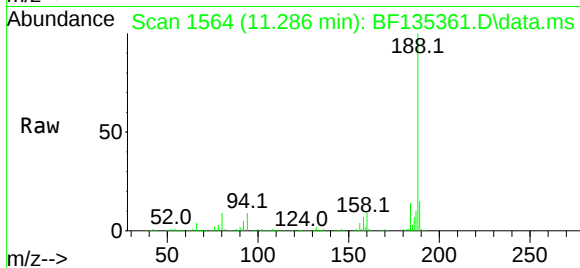
Tgt Ion:188 Resp: 329039

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.1 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135361.D

Acq: 20 Sep 2023 17:08

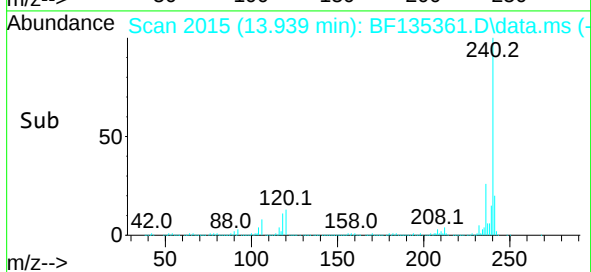
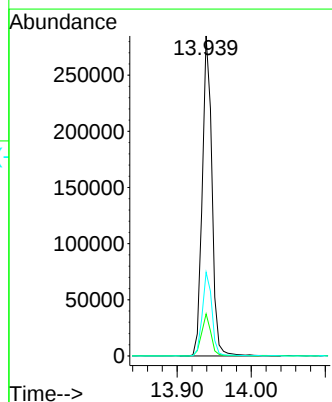
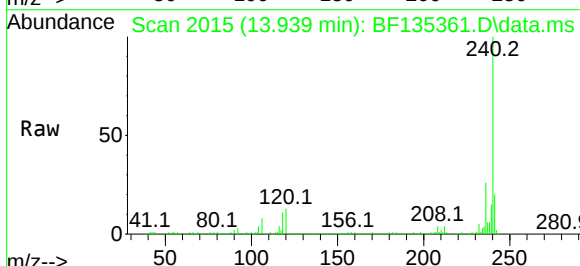
Tgt Ion:240 Resp: 258208

Ion Ratio Lower Upper

240 100

120 13.2 9.4 14.2

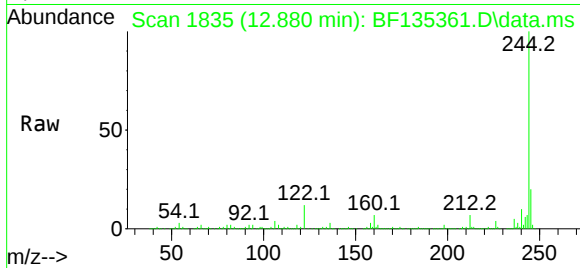
236 26.2 19.8 29.8



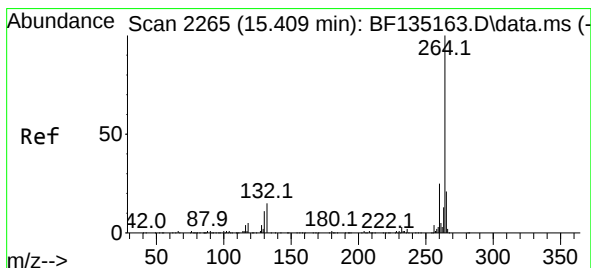
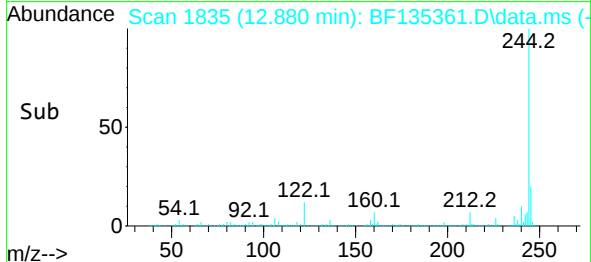
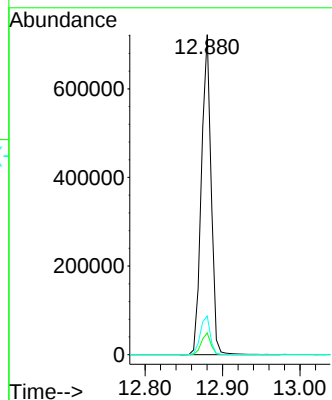


#79
 Terphenyl-d14
 Concen: 37.653 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135361.D
 Acq: 20 Sep 2023 17:08

Instrument :
 BNA_F
 ClientSampleId :
 B101-01



Tgt Ion:244 Resp: 627170
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 12.1 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF135361.D
 Acq: 20 Sep 2023 17:08

Tgt Ion:264 Resp: 301481
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.8 29.6
 265 22.4 17.0 25.4

