

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135414.D
 Acq On : 22 Sep 2023 22:53
 Operator : CG\JU
 Sample : 04453-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B102-02

Quant Time: Sep 23 05:00:11 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	151336	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	523619	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	224267	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	355244	20.000	ng	0.00
76) Chrysene-d12	13.945	240	286244	20.000	ng	0.00
86) Perylene-d12	15.415	264	280035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	888515	95.491	ng	0.01
7) Phenol-d6	6.404	99	1078181	91.128	ng	0.00
23) Nitrobenzene-d5	7.322	82	650697	67.515	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	171959	77.158	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1011232	68.029	ng	-0.01
79) Terphenyl-d14	12.880	244	851526	46.116	ng	-0.01

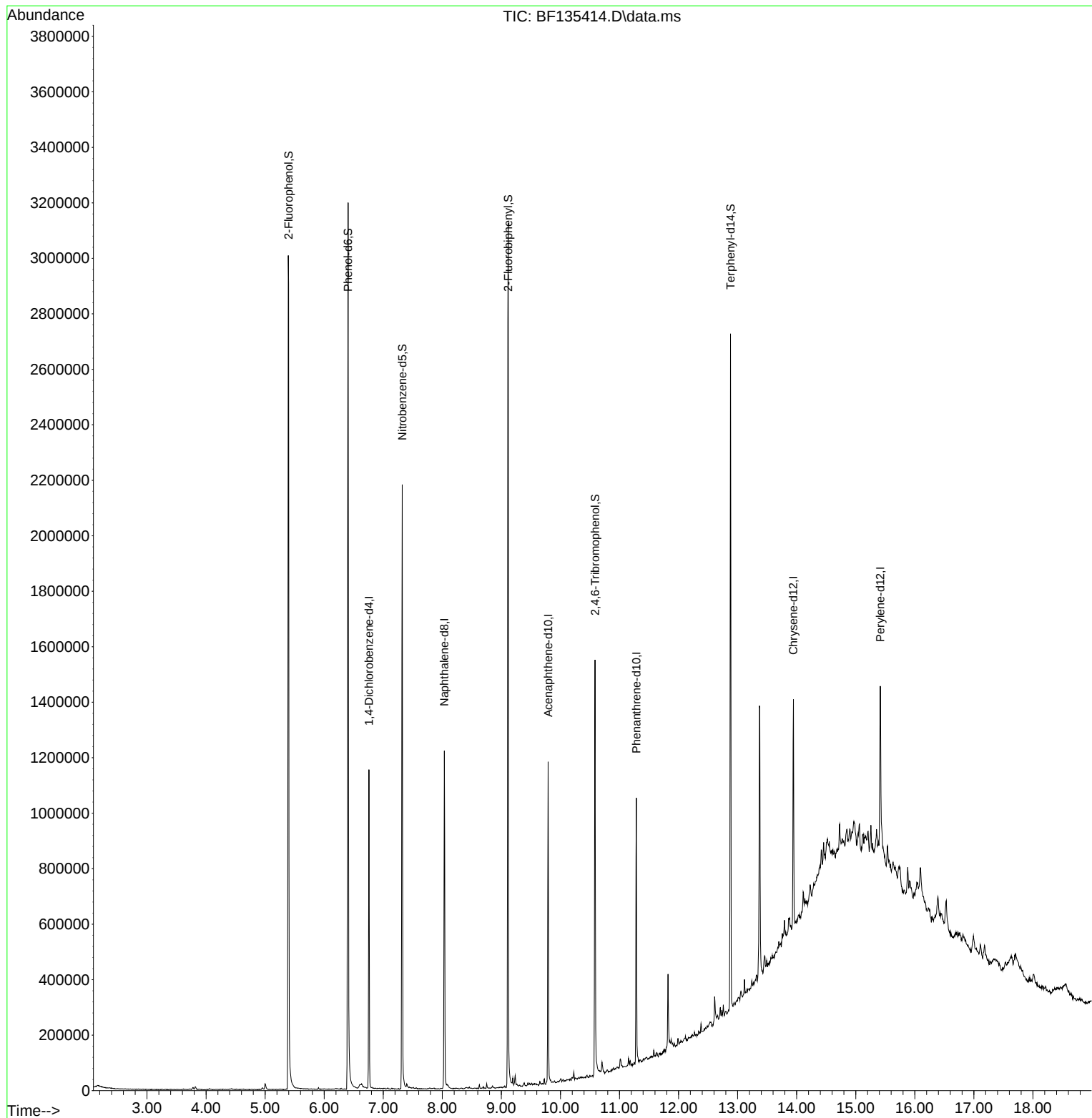
Target Compounds	Qvalue

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

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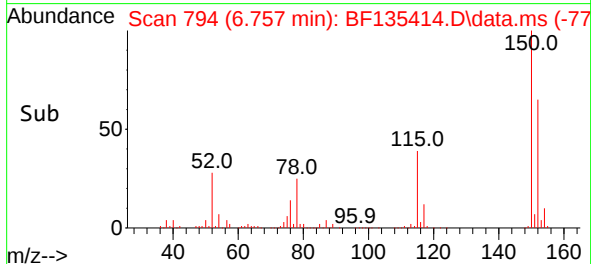
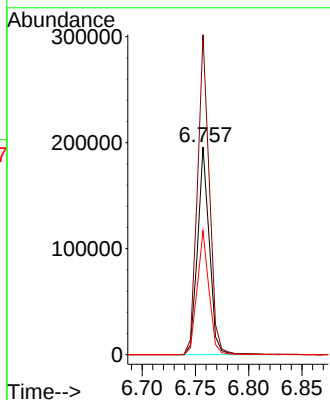
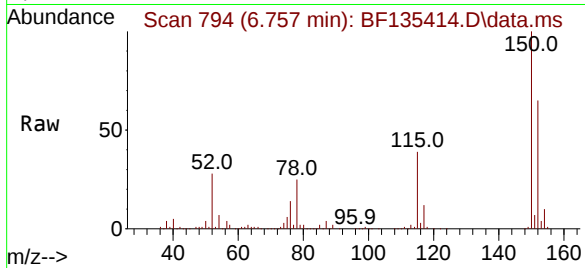




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135414.D
 Acq: 22 Sep 2023 22:53

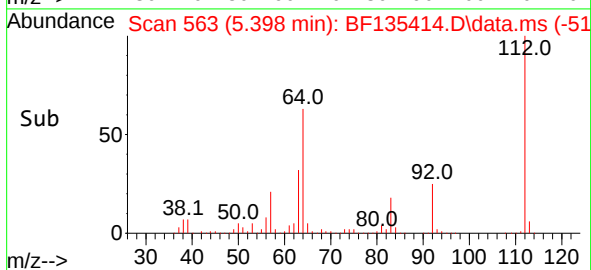
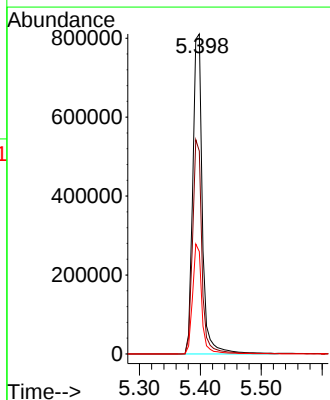
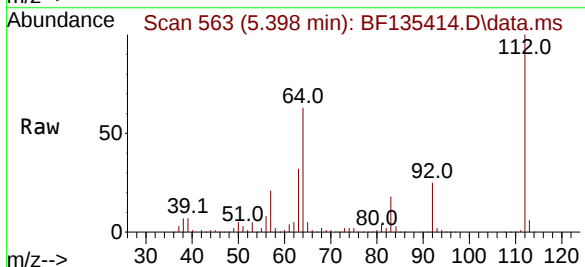
Instrument :
 BNA_F
 ClientSampleId :
 B102-02

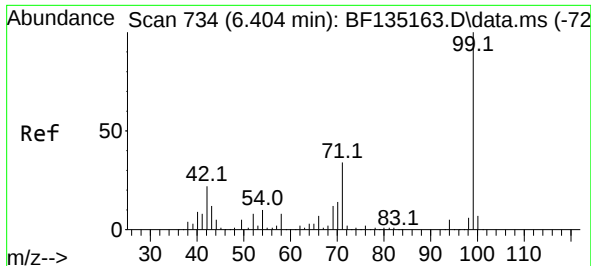
Tgt Ion:152 Resp: 151336
 Ion Ratio Lower Upper
 152 100
 150 154.1 127.8 191.6
 115 59.7 49.8 74.8



#5
 2-Fluorophenol
 Concen: 95.491 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF135414.D
 Acq: 22 Sep 2023 22:53

Tgt Ion:112 Resp: 888515
 Ion Ratio Lower Upper
 112 100
 64 63.4 55.9 83.9
 63 32.0 29.0 43.6

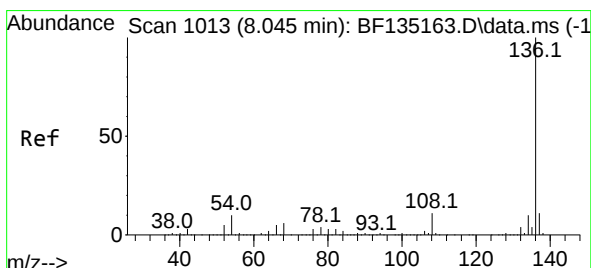
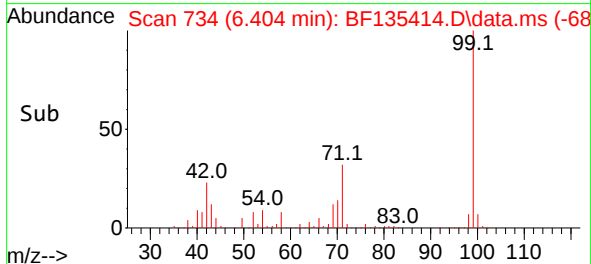
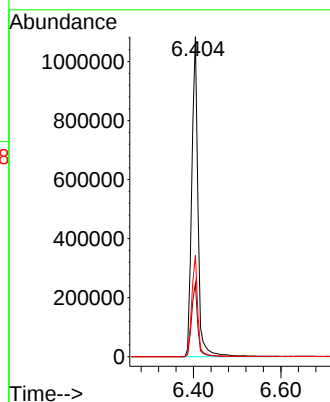
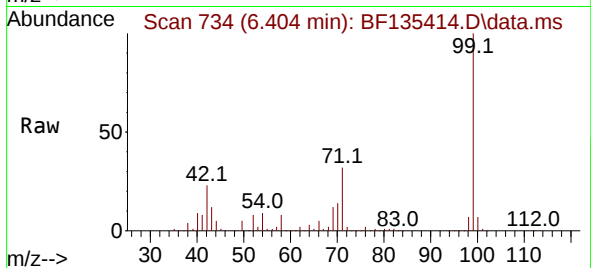




#7
Phenol-d6
Concen: 91.128 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

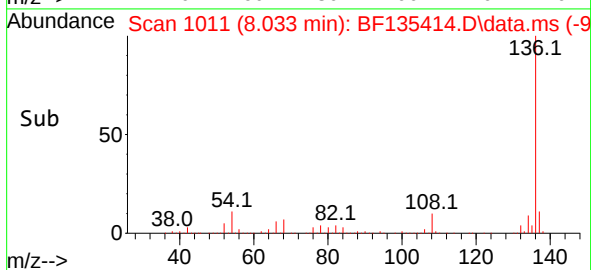
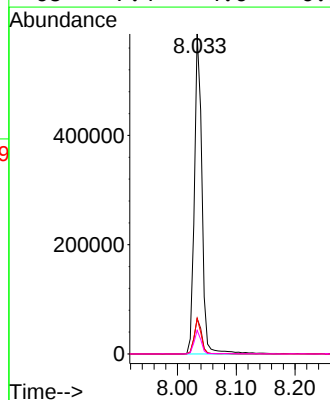
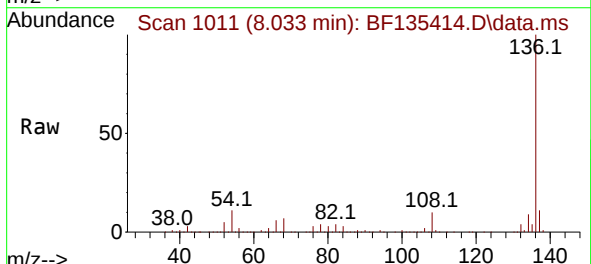
Instrument :
BNA_F
ClientSampleId :
B102-02

Tgt Ion: 99 Resp: 1078181
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 31.7 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135414.D
Acq: 22 Sep 2023 22:53

Tgt Ion: 136 Resp: 523619
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.0 7.7 11.5
68 7.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 67.515 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135414.D

Acq: 22 Sep 2023 22:53

Instrument :

BNA_F

ClientSampleId :

B102-02

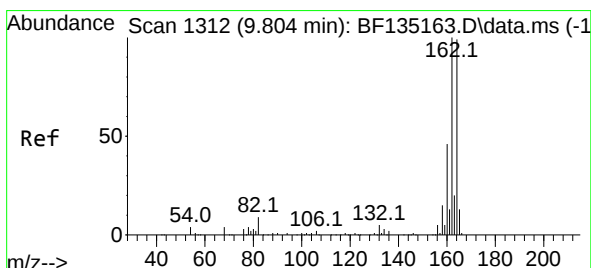
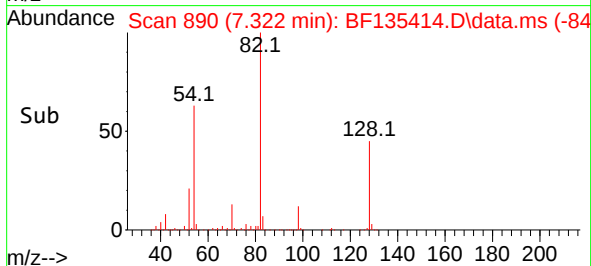
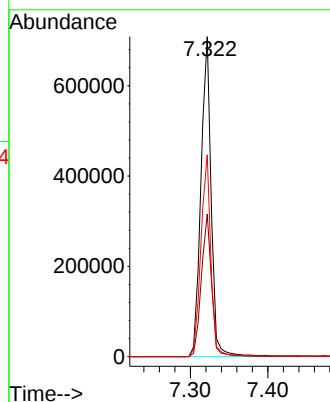
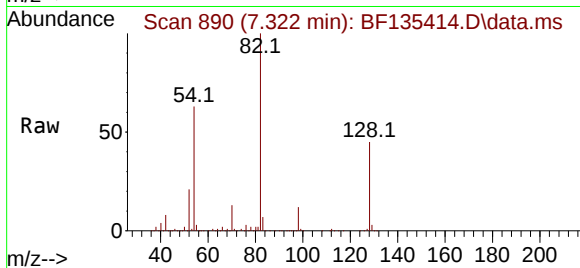
Tgt Ion: 82 Resp: 650697

Ion Ratio Lower Upper

82 100

128 44.6 35.8 53.6

54 63.0 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: BF135414.D

Acq: 22 Sep 2023 22:53

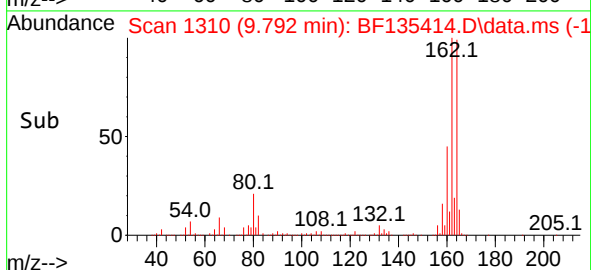
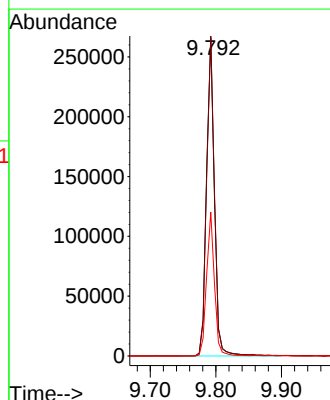
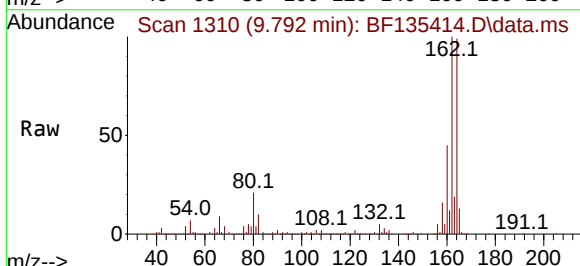
Tgt Ion: 164 Resp: 224267

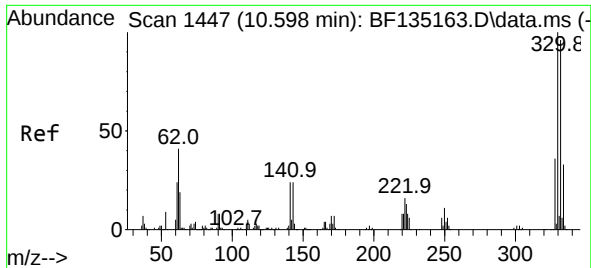
Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.4

160 45.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 77.158 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF135414.D

Acq: 22 Sep 2023 22:53

Instrument :

BNA_F

ClientSampleId :

B102-02

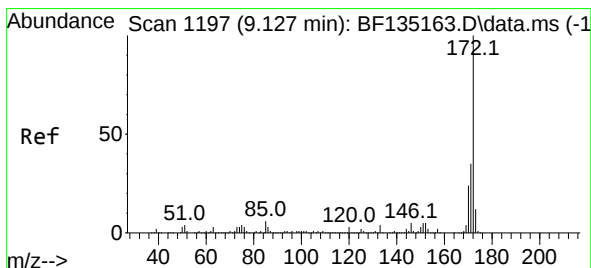
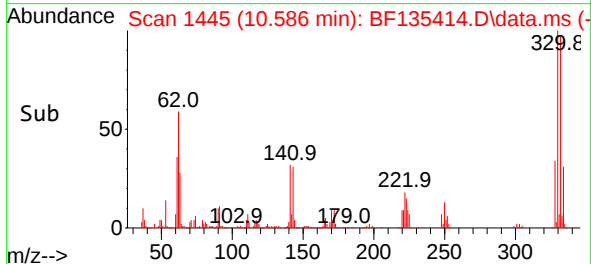
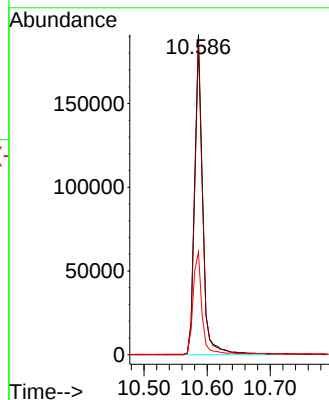
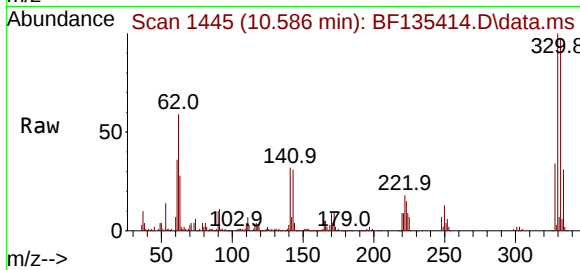
Tgt Ion:330 Resp: 171959

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 34.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 68.029 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135414.D

Acq: 22 Sep 2023 22:53

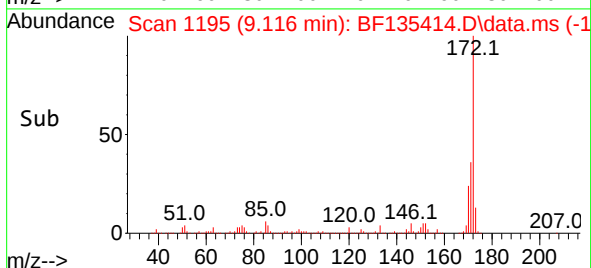
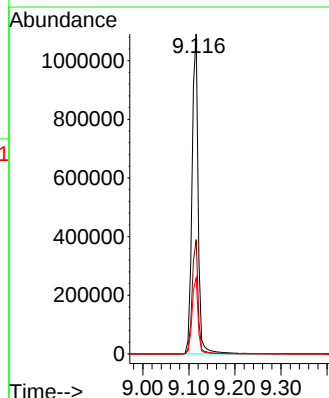
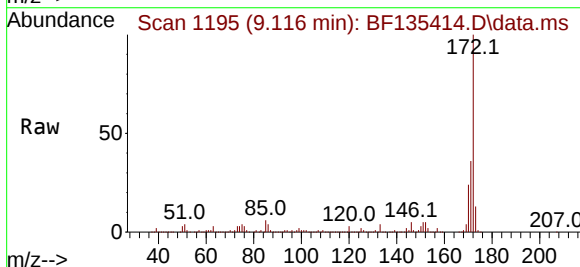
Tgt Ion:172 Resp: 1011232

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135414.D

Acq: 22 Sep 2023 22:53

Instrument :

BNA_F

ClientSampleId :

B102-02

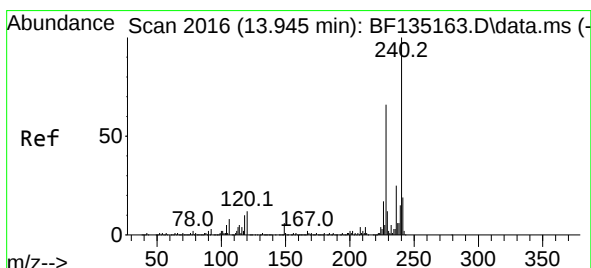
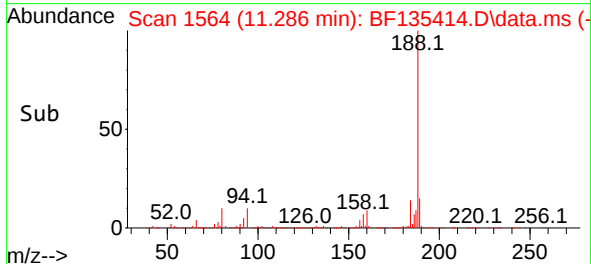
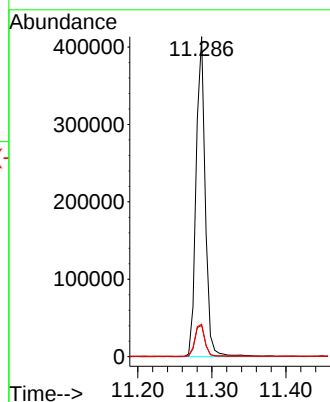
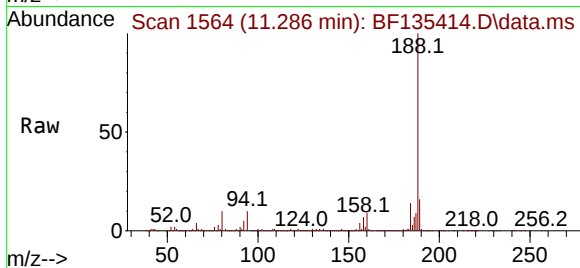
Tgt Ion:188 Resp: 355244

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

80 10.1 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: BF135414.D

Acq: 22 Sep 2023 22:53

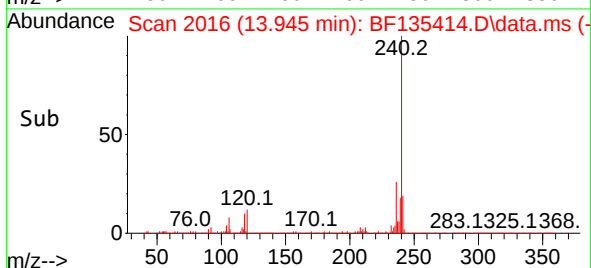
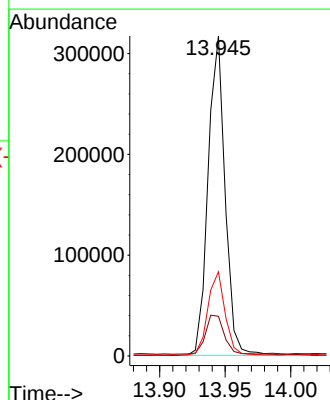
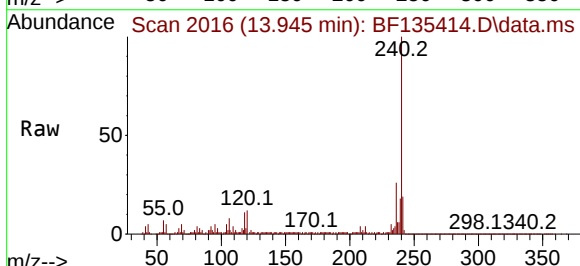
Tgt Ion:240 Resp: 286244

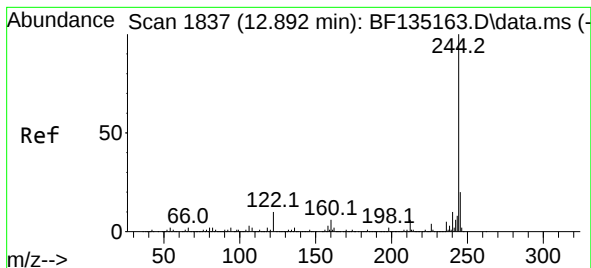
Ion Ratio Lower Upper

240 100

120 12.4 9.4 14.2

236 26.3 19.8 29.8





#79

Terphenyl-d14

Concen: 46.116 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.012 min

Lab File: BF135414.D

Acq: 22 Sep 2023 22:53

Instrument :

BNA_F

ClientSampleId :

B102-02

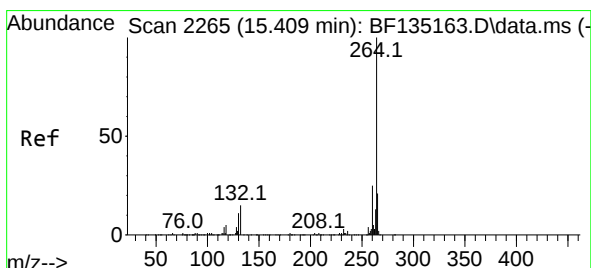
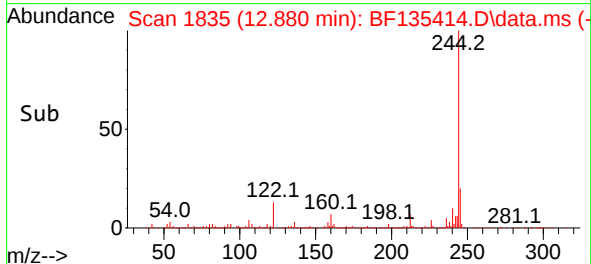
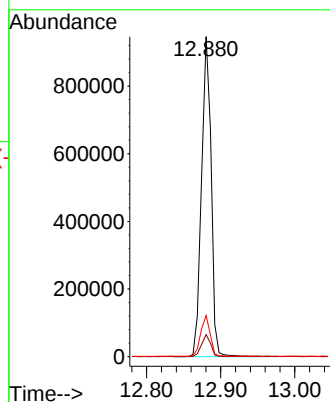
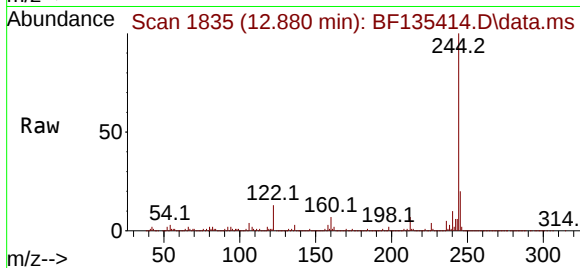
Tgt Ion:244 Resp: 851526

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 12.8 7.9 11.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF135414.D

Acq: 22 Sep 2023 22:53

Tgt Ion:264 Resp: 280035

Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.6

265 22.0 17.0 25.4

