

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135406.D
 Acq On : 22 Sep 2023 18:37
 Operator : CG\JU
 Sample : 04491-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B102-05

Quant Time: Sep 23 04:57:29 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	155827	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	592761	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	283068	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	487509	20.000	ng	0.00
76) Chrysene-d12	13.939	240	257732	20.000	ng	0.00
86) Perylene-d12	15.404	264	335102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1233575	128.755	ng	0.01
7) Phenol-d6	6.404	99	1559311	127.995	ng	0.00
23) Nitrobenzene-d5	7.322	82	982378	90.040	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	305091	108.457	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1510642	80.516	ng	-0.01
79) Terphenyl-d14	12.880	244	1147573	69.024	ng	-0.01

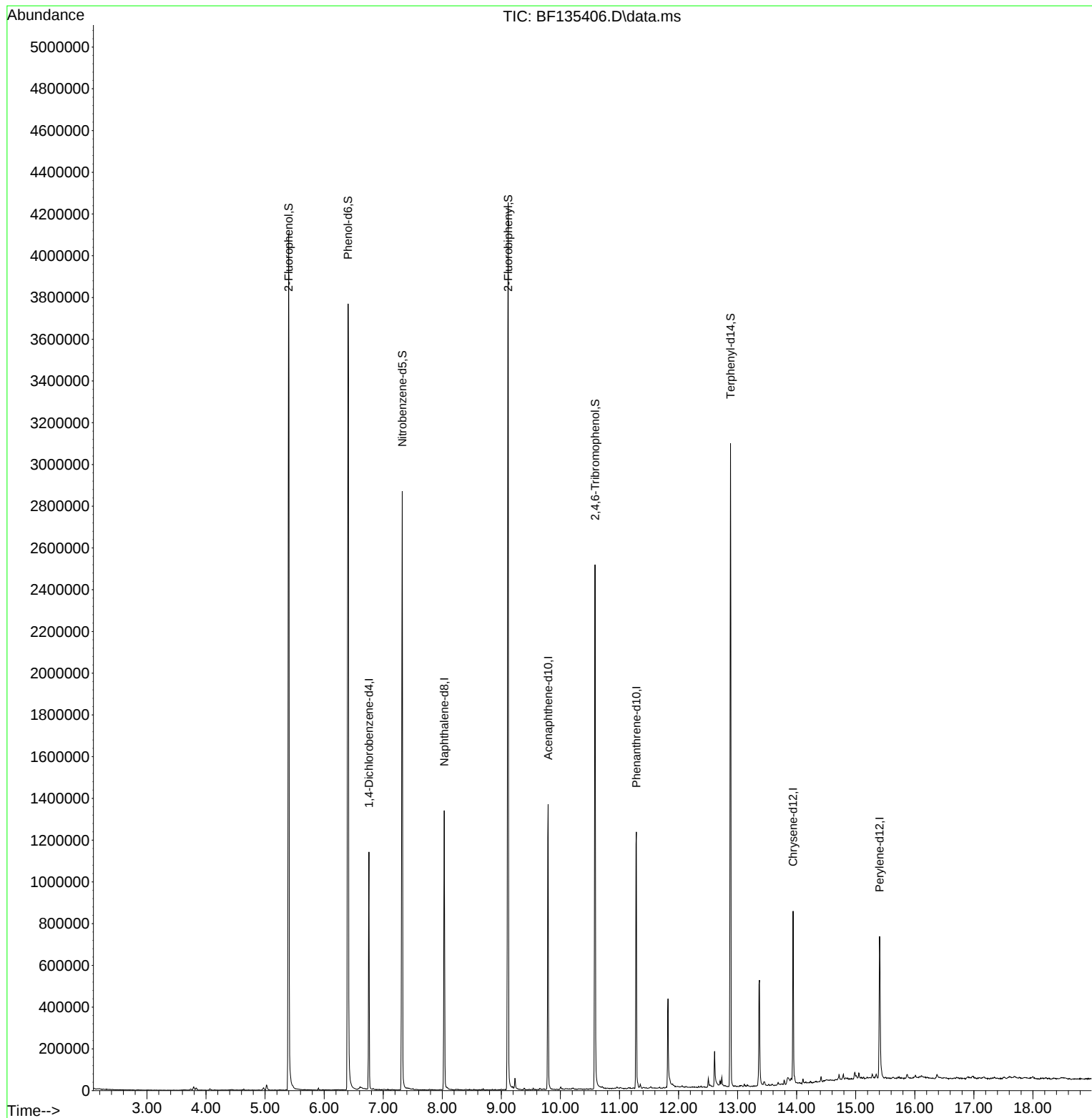
Target Compounds	Qvalue

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

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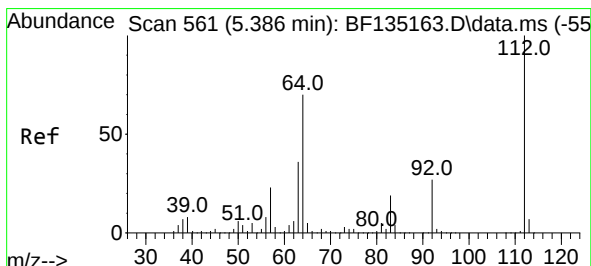
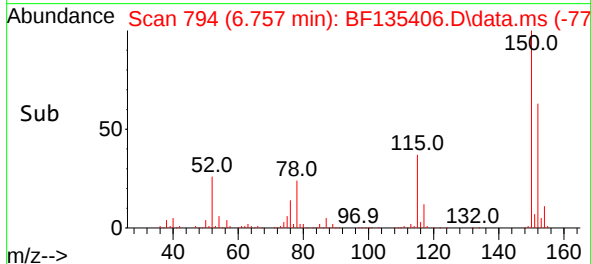
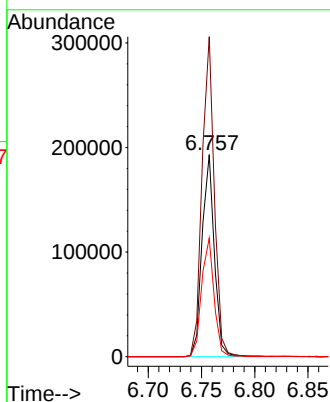
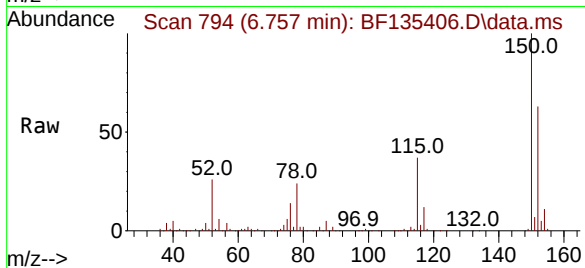




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

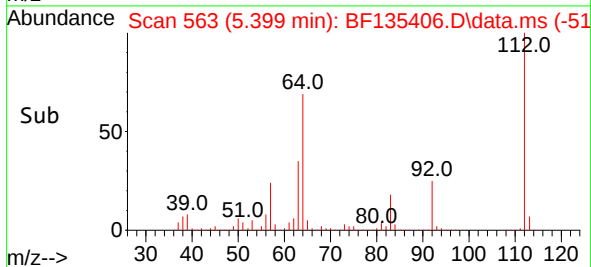
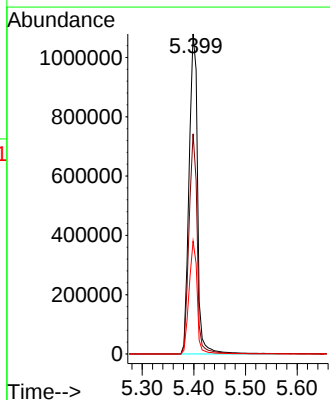
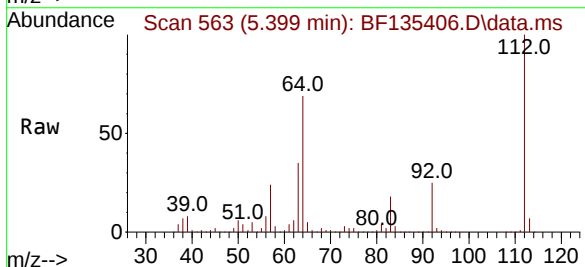
Instrument :
BNA_F
ClientSampleId :
B102-05

Tgt Ion:152 Resp: 155827
Ion Ratio Lower Upper
152 100
150 158.3 127.8 191.6
115 58.6 49.8 74.8



#5
2-Fluorophenol
Concen: 128.755 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

Tgt Ion:112 Resp: 1233575
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 35.3 29.0 43.6





#7

Phenol-d6

Concen: 127.995 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135406.D

Acq: 22 Sep 2023 18:37

Instrument :

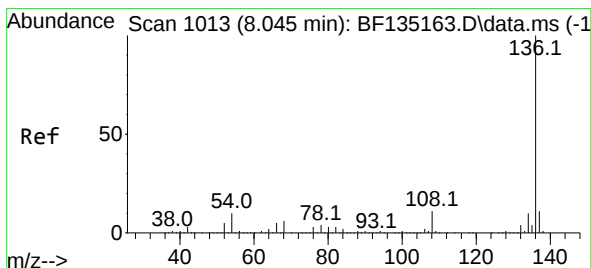
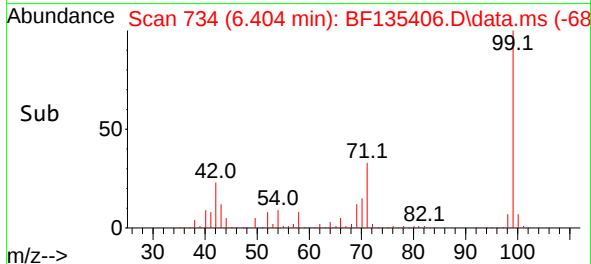
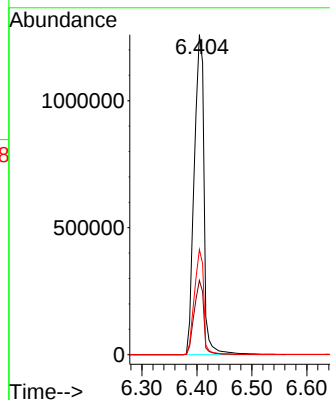
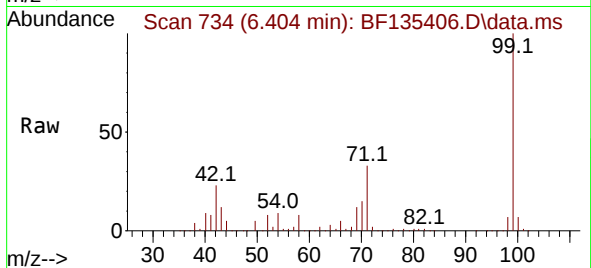
BNA_F

ClientSampleId :

B102-05

Tgt Ion: 99 Resp: 1559311

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.9	26.9
71	32.8	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1011

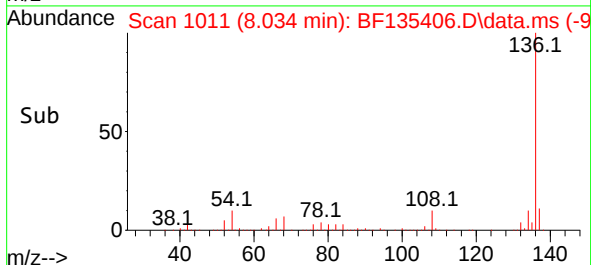
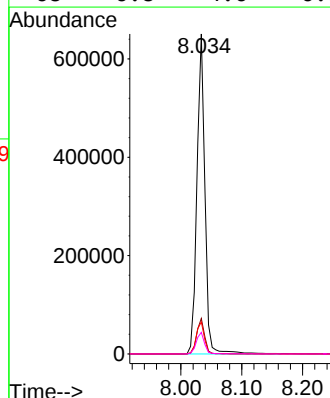
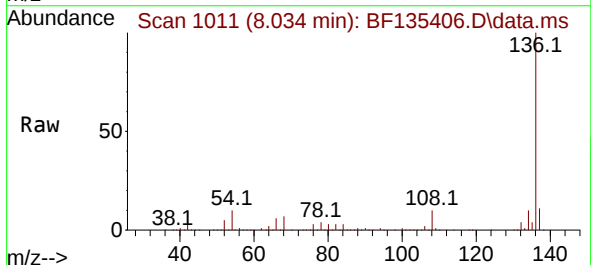
Delta R.T. -0.011 min

Lab File: BF135406.D

Acq: 22 Sep 2023 18:37

Tgt Ion: 136 Resp: 592761

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.0	7.7	11.5
68	6.8	4.6	6.8





#23

Nitrobenzene-d5

Concen: 90.040 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135406.D

Acq: 22 Sep 2023 18:37

Instrument :

BNA_F

ClientSampleId :

B102-05

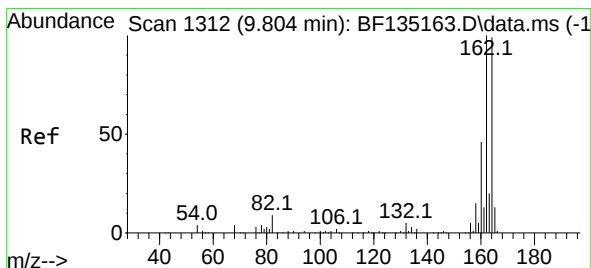
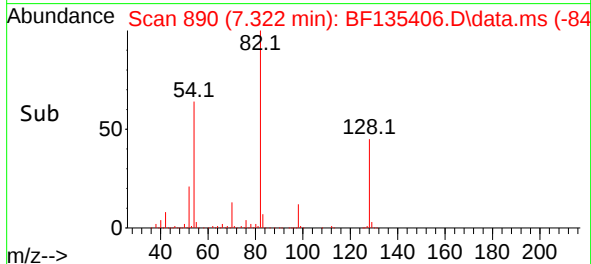
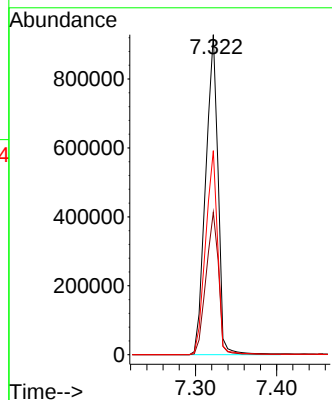
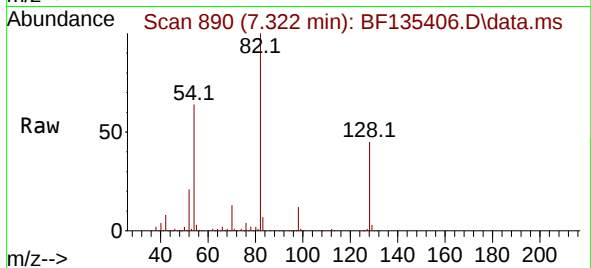
Tgt Ion: 82 Resp: 982378

Ion Ratio Lower Upper

82 100

128 44.5 35.8 53.6

54 63.8 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.011 min

Lab File: BF135406.D

Acq: 22 Sep 2023 18:37

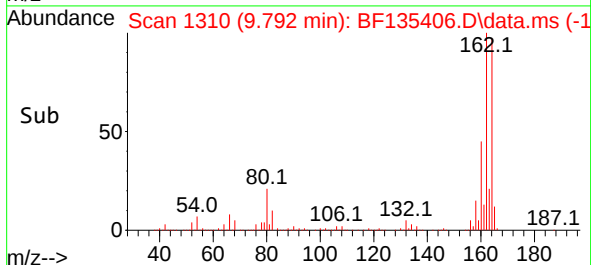
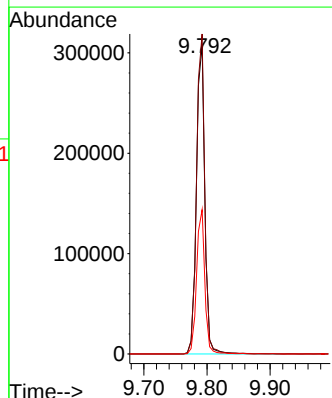
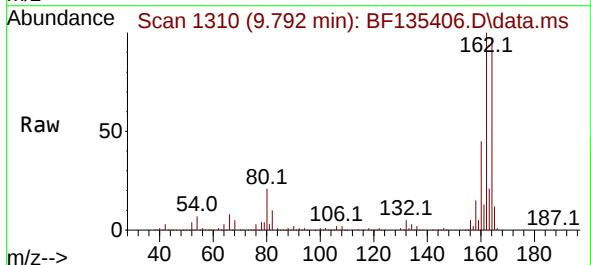
Tgt Ion: 164 Resp: 283068

Ion Ratio Lower Upper

164 100

162 103.4 81.0 121.4

160 46.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 108.457 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.011 min

Lab File: BF135406.D

Acq: 22 Sep 2023 18:37

Instrument :

BNA_F

ClientSampleId :

B102-05

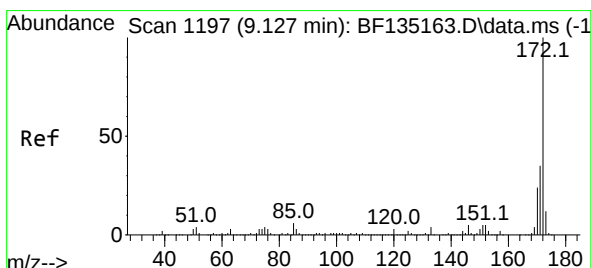
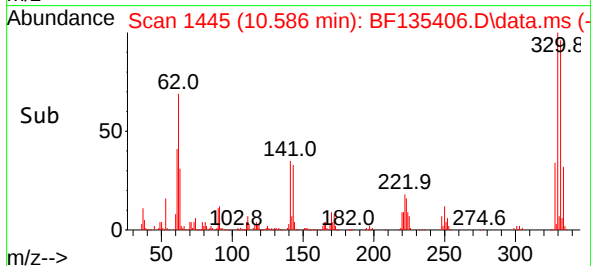
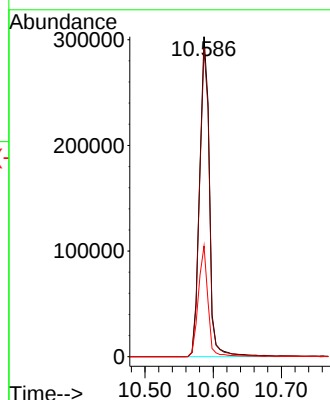
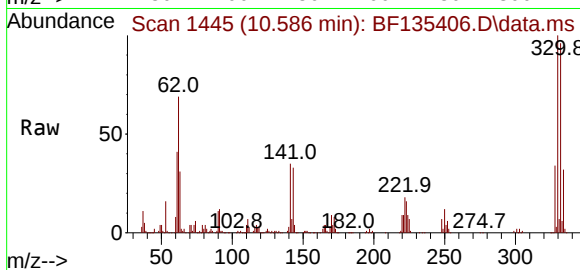
Tgt Ion:330 Resp: 305091

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 34.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 80.516 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135406.D

Acq: 22 Sep 2023 18:37

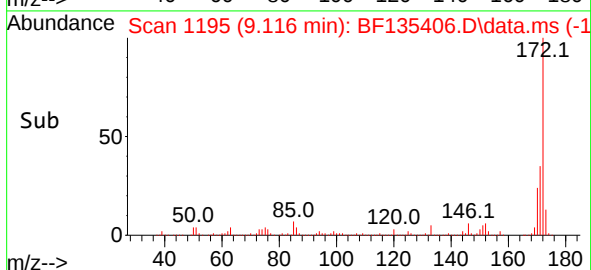
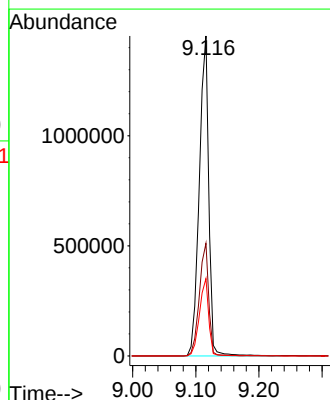
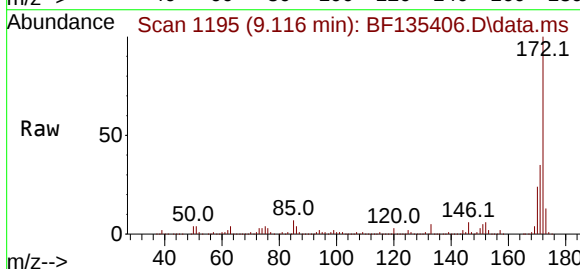
Tgt Ion:172 Resp: 1510642

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 24.2 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: BF135406.D

Acq: 22 Sep 2023 18:37

Instrument :

BNA_F

ClientSampleId :

B102-05

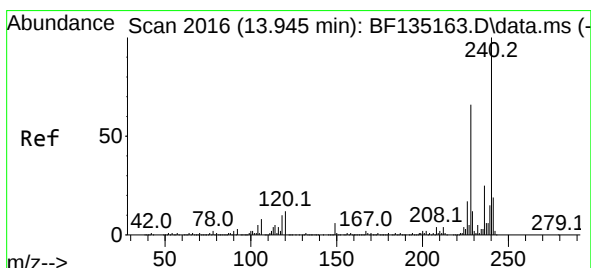
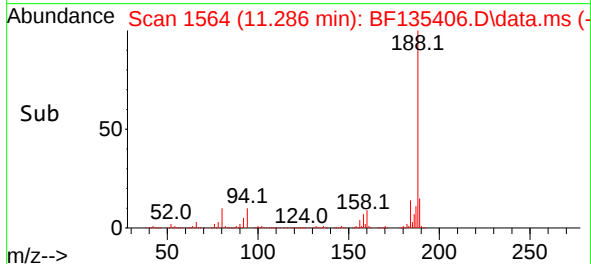
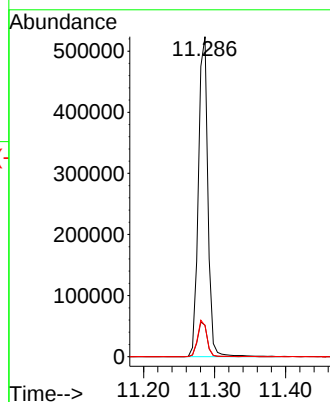
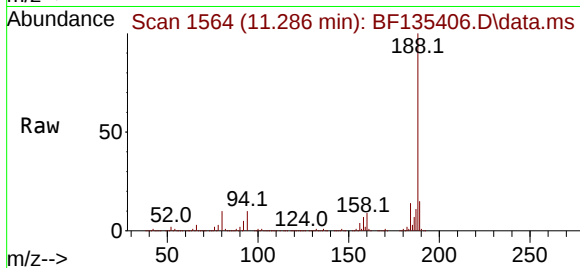
Tgt Ion:188 Resp: 487509

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 9.7 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: BF135406.D

Acq: 22 Sep 2023 18:37

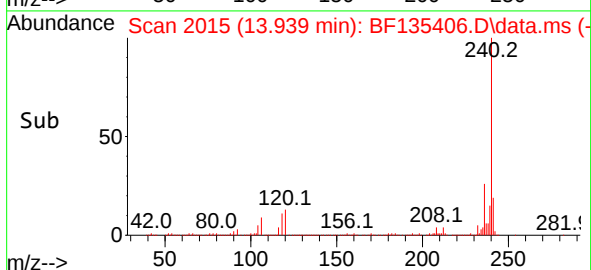
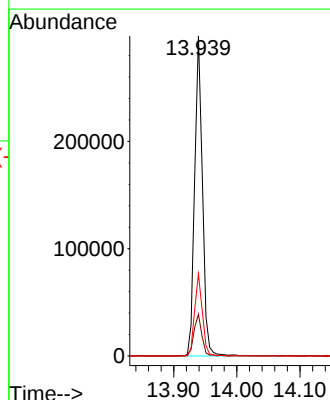
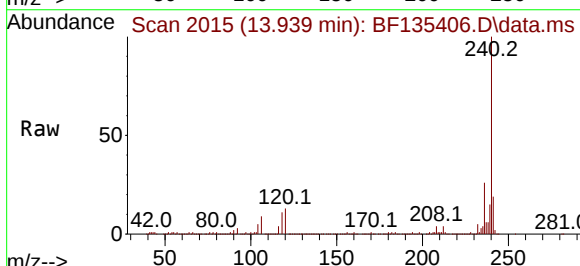
Tgt Ion:240 Resp: 257732

Ion Ratio Lower Upper

240 100

120 13.0 9.4 14.2

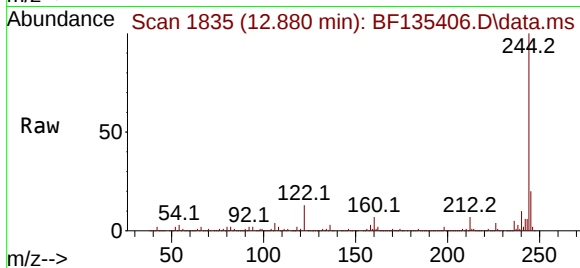
236 25.7 19.8 29.8



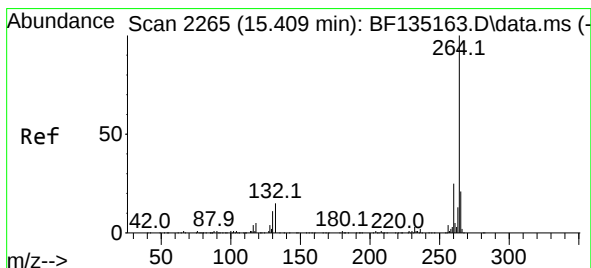
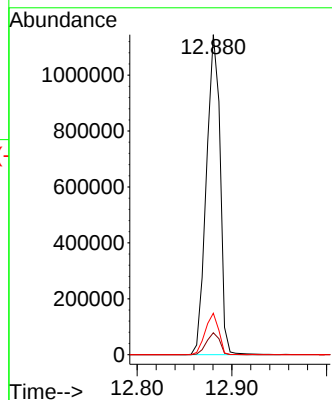
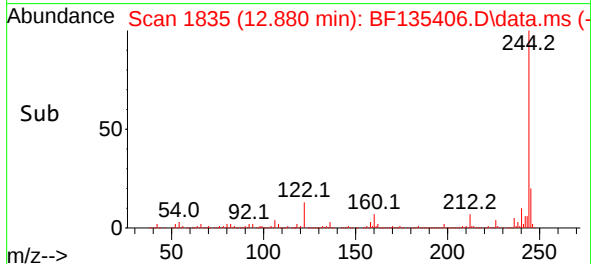


#79
 Terphenyl-d14
 Concen: 69.024 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BF135406.D
 Acq: 22 Sep 2023 18:37

Instrument :
 BNA_F
 ClientSampleId :
 B102-05



Tgt Ion:244 Resp: 1147573
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 12.9 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: BF135406.D
 Acq: 22 Sep 2023 18:37

Tgt Ion:264 Resp: 335102
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.8 29.6
 265 21.7 17.0 25.4

