

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135198.D
 Acq On : 13 Sep 2023 00:14
 Operator : CG\JU
 Sample : 04338-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2

Quant Time: Sep 13 02:48:49 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	113394	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	452800	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	237679	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	474380	20.000	ng	0.00
76) Chrysene-d12	13.939	240	270353	20.000	ng	0.00
86) Perylene-d12	15.404	264	239383	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	805203	115.493	ng	0.02
7) Phenol-d6	6.404	99	1084898	122.378	ng	0.00
23) Nitrobenzene-d5	7.328	82	656564	78.778	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	315803	133.704	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1257262	79.808	ng	0.00
79) Terphenyl-d14	12.892	244	1394536	79.962	ng	0.00

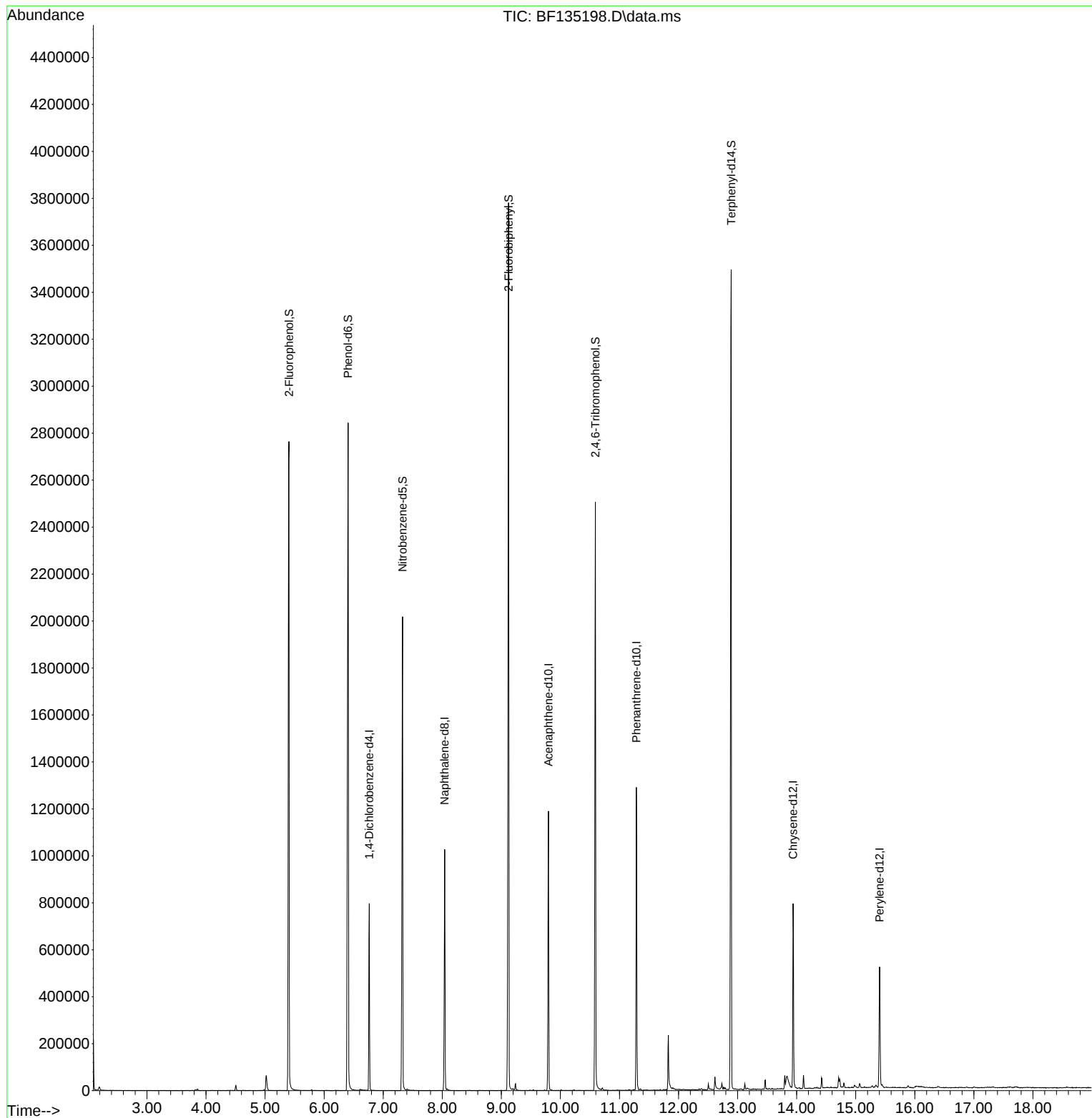
Target Compounds	Qvalue

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

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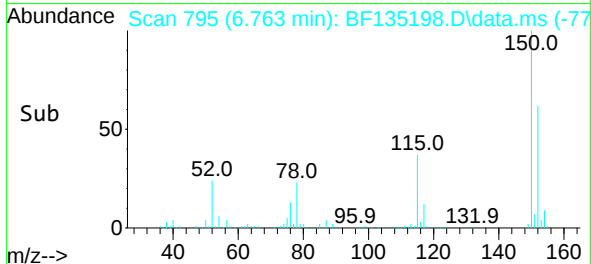
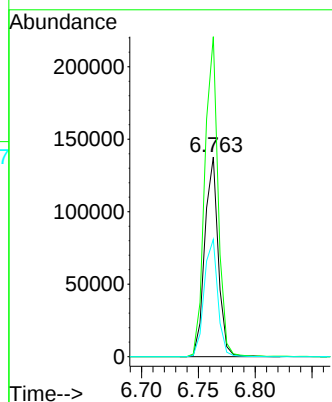
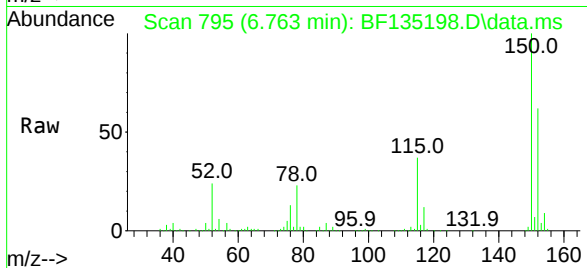




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135198.D
 Acq: 13 Sep 2023 00:14

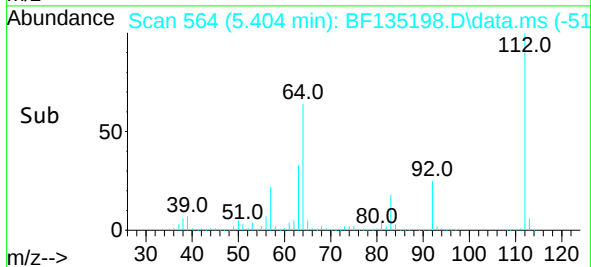
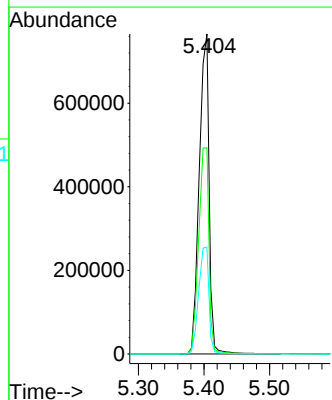
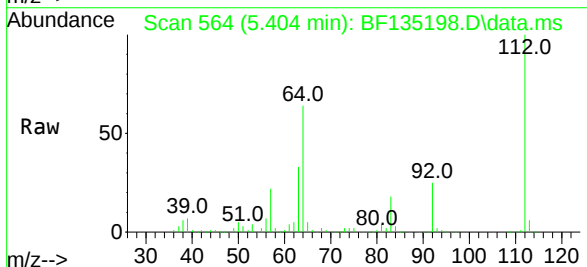
Instrument :
 BNA_F
 ClientSampleId :
 TP2

Tgt Ion:152 Resp: 113394
 Ion Ratio Lower Upper
 152 100
 150 160.3 127.8 191.6
 115 58.7 49.8 74.8



#5
 2-Fluorophenol
 Concen: 115.493 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.018 min
 Lab File: BF135198.D
 Acq: 13 Sep 2023 00:14

Tgt Ion:112 Resp: 805203
 Ion Ratio Lower Upper
 112 100
 64 64.4 55.9 83.9
 63 33.4 29.0 43.6





#7

Phenol-d6

Concen: 122.378 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135198.D

Acq: 13 Sep 2023 00:14

Instrument :

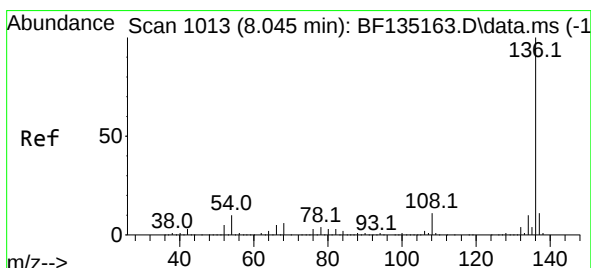
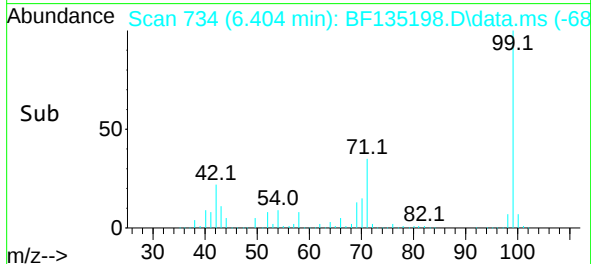
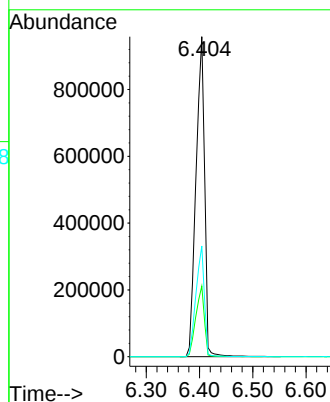
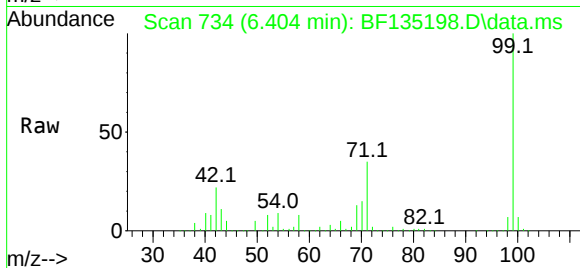
BNA_F

ClientSampleId :

TP2

Tgt Ion: 99 Resp: 1084898

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.9	26.9
71	34.6	27.0	40.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.040 min Scan# 1012

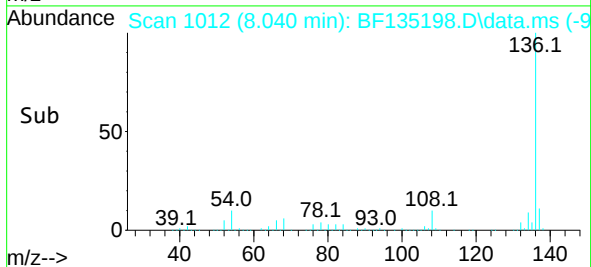
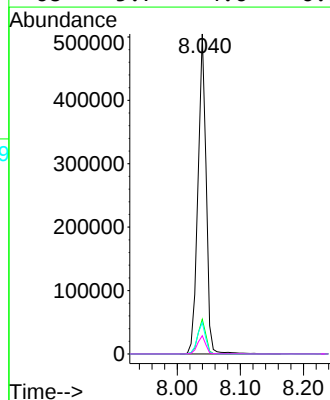
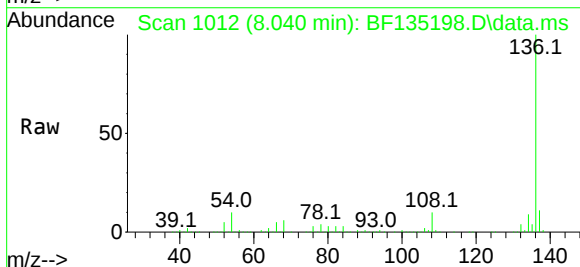
Delta R.T. -0.006 min

Lab File: BF135198.D

Acq: 13 Sep 2023 00:14

Tgt Ion: 136 Resp: 452800

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.8	7.7	11.5
68	5.7	4.6	6.8





#23

Nitrobenzene-d5

Concen: 78.778 ng

RT: 7.328 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF135198.D

Acq: 13 Sep 2023 00:14

Instrument :

BNA_F

ClientSampleId :

TP2

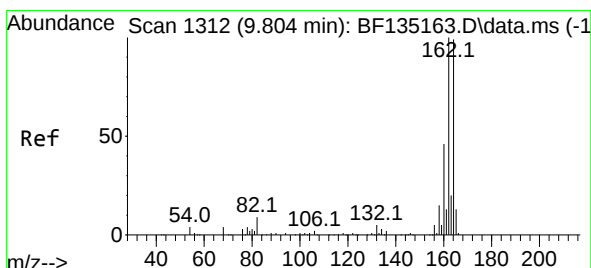
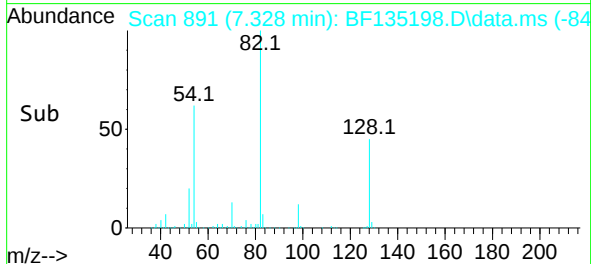
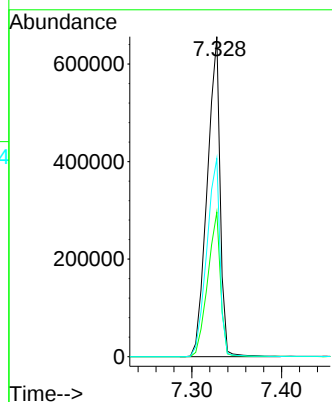
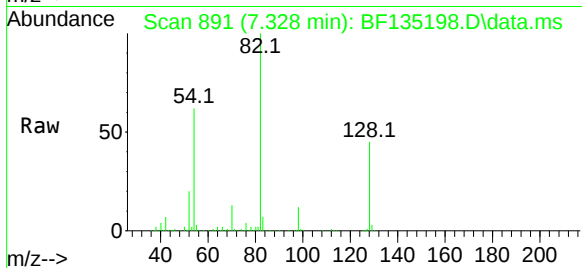
Tgt Ion: 82 Resp: 656564

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.6

54 62.0 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: BF135198.D

Acq: 13 Sep 2023 00:14

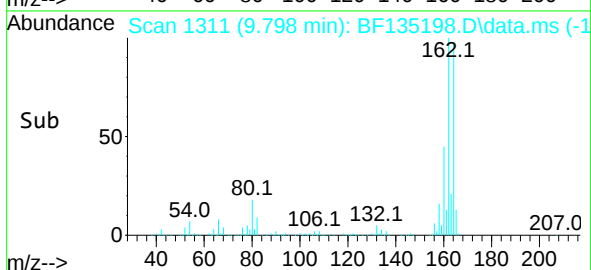
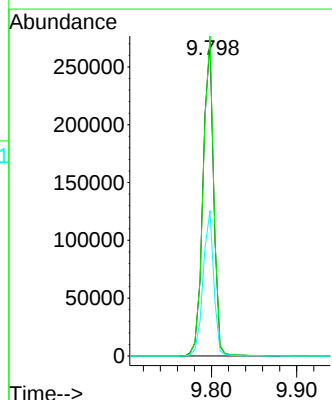
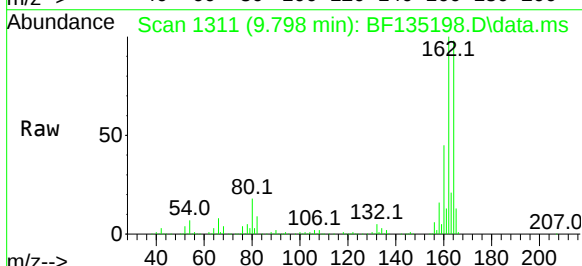
Tgt Ion:164 Resp: 237679

Ion Ratio Lower Upper

164 100

162 101.9 81.0 121.4

160 46.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 133.704 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135198.D

Acq: 13 Sep 2023 00:14

Instrument :

BNA_F

ClientSampleId :

TP2

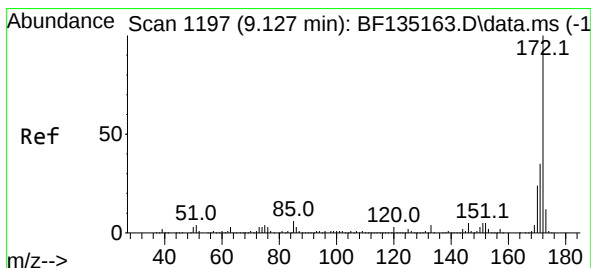
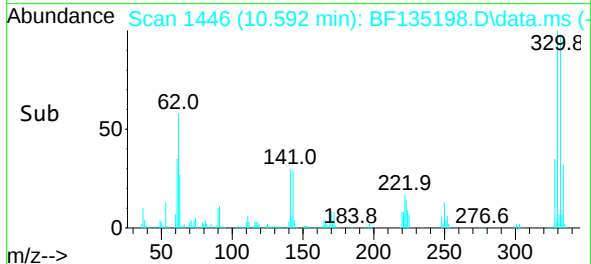
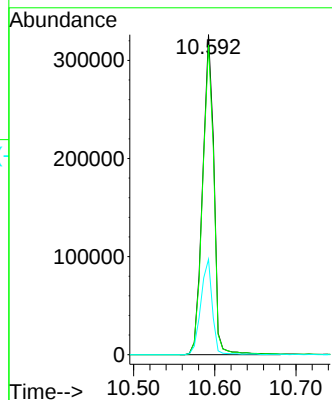
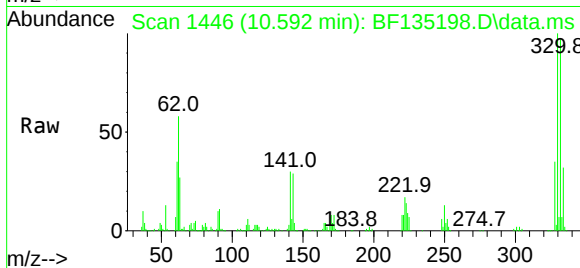
Tgt Ion:330 Resp: 315803

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 30.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 79.808 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135198.D

Acq: 13 Sep 2023 00:14

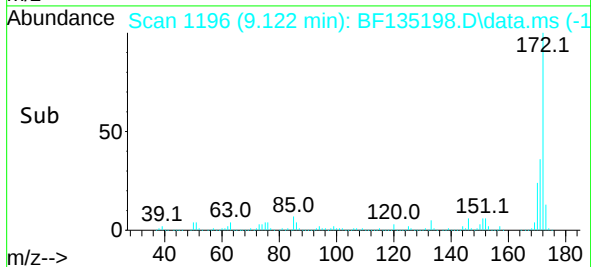
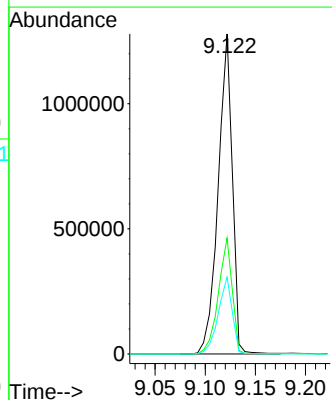
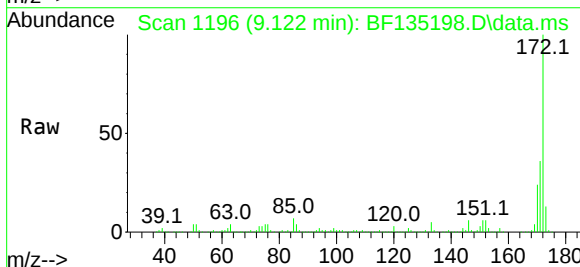
Tgt Ion:172 Resp: 1257262

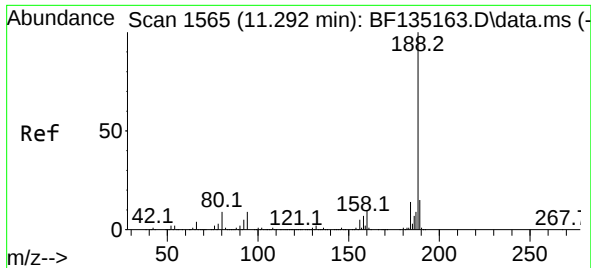
Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.0 19.0 28.4

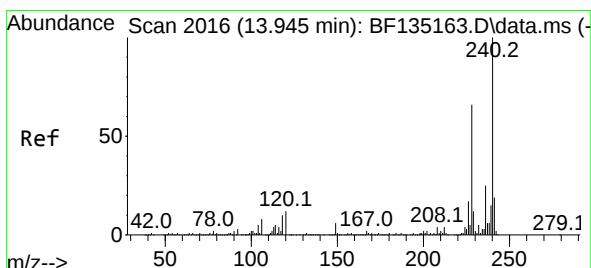
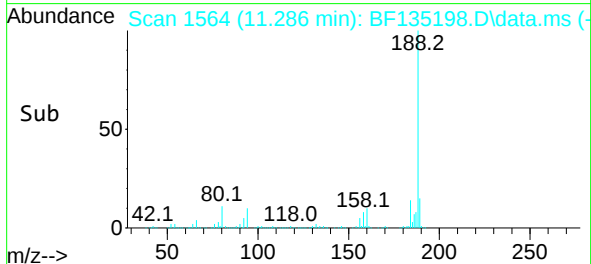
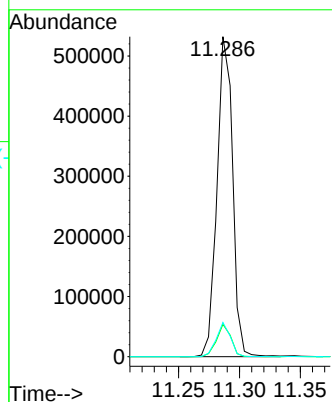
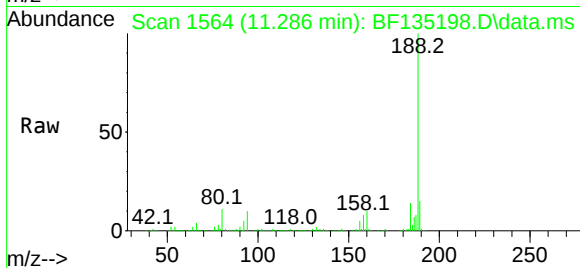




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135198.D
Acq: 13 Sep 2023 00:14

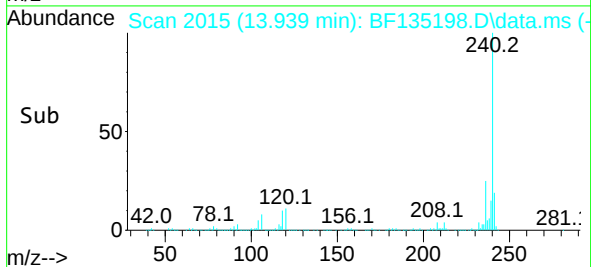
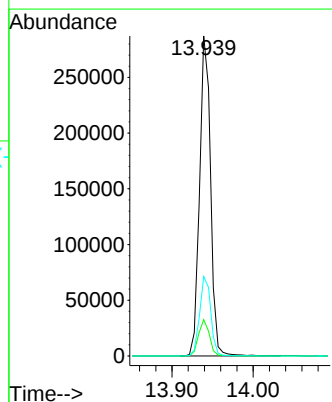
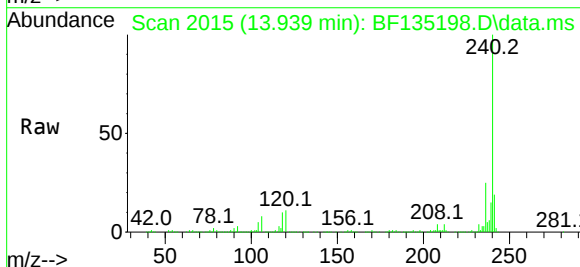
Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion:188 Resp: 474380
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.7 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: BF135198.D
Acq: 13 Sep 2023 00:14

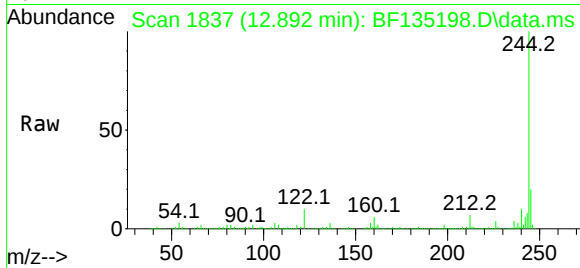
Tgt Ion:240 Resp: 270353
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 24.8 19.8 29.8



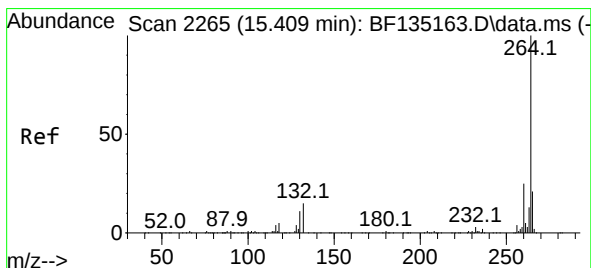
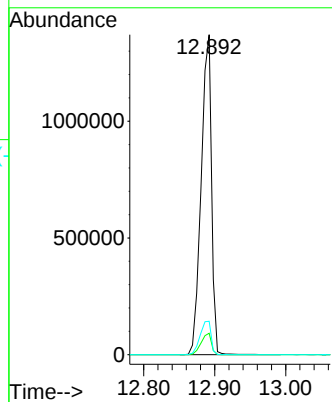
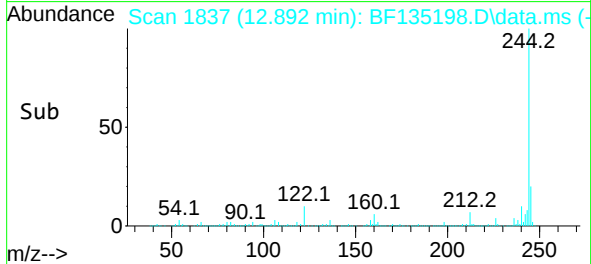


#79
 Terphenyl-d14
 Concen: 79.962 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF135198.D
 Acq: 13 Sep 2023 00:14

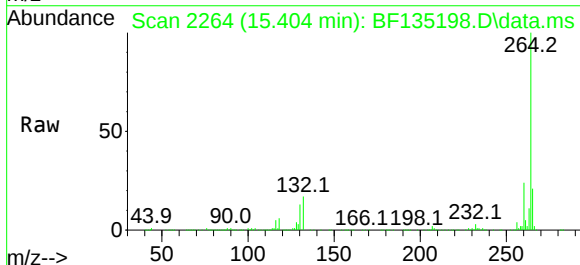
Instrument :
 BNA_F
 ClientSampleId :
 TP2



Tgt Ion:244 Resp: 1394536
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.5 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: BF135198.D
 Acq: 13 Sep 2023 00:14



Tgt Ion:264 Resp: 239383
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.8 29.6
 265 21.4 17.0 25.4

