

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135398.D
 Acq On : 22 Sep 2023 13:39
 Operator : CG\JU
 Sample : 04501-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Sep 23 04:41:09 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	161521	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	591753	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	286300	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	489981	20.000	ng	0.00
76) Chrysene-d12	13.939	240	270012	20.000	ng	0.00
86) Perylene-d12	15.409	264	350259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1126236	113.407	ng	0.02
7) Phenol-d6	6.410	99	1297153	102.723	ng	0.00
23) Nitrobenzene-d5	7.322	82	981401	90.103	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	308775	108.528	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1570329	82.752	ng	-0.01
79) Terphenyl-d14	12.886	244	1262404	72.477	ng	0.00

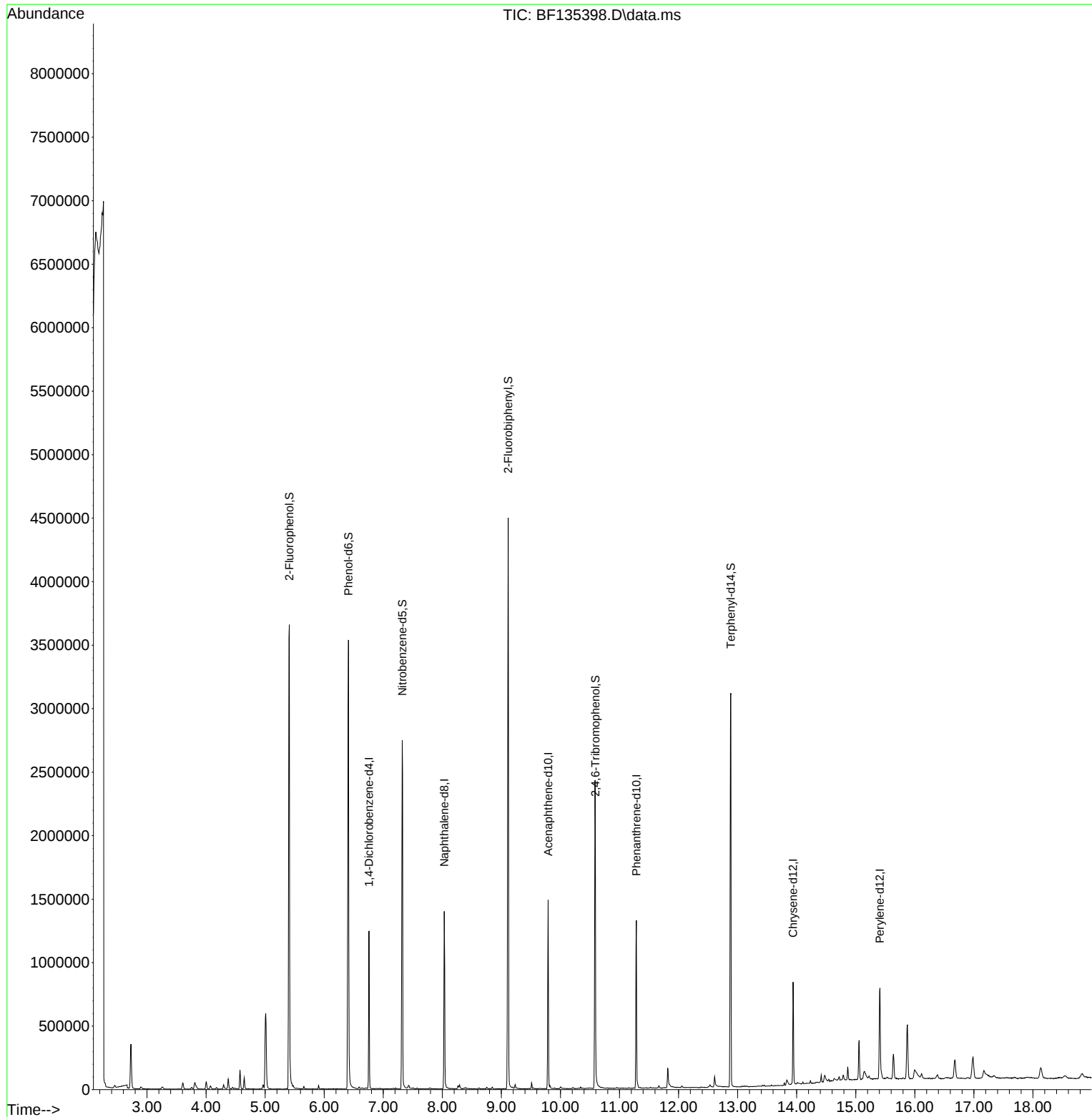
Target Compounds	Qvalue

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

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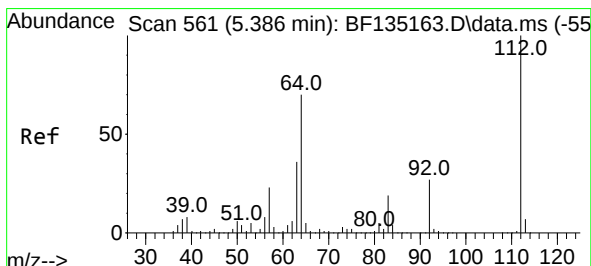
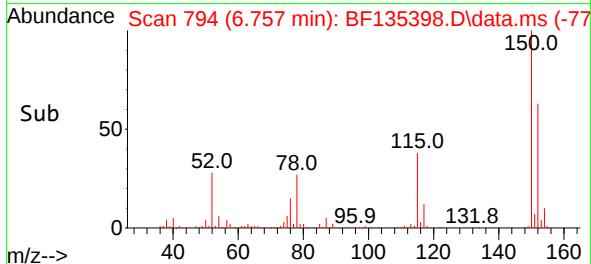
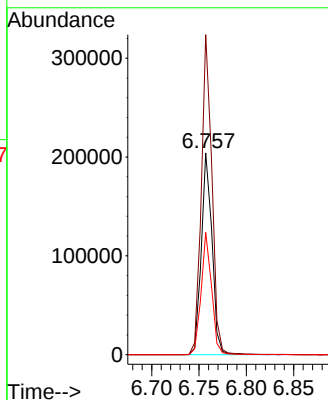
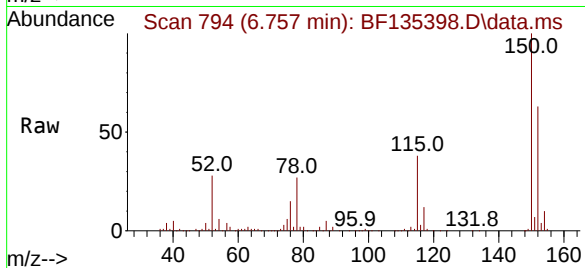




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135398.D
 Acq: 22 Sep 2023 13:39

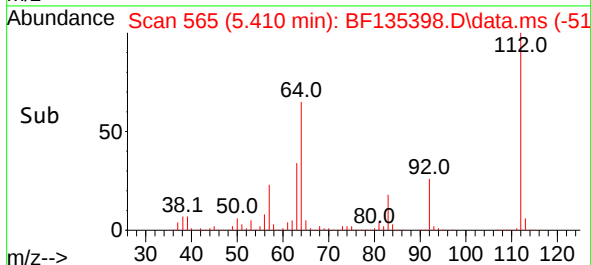
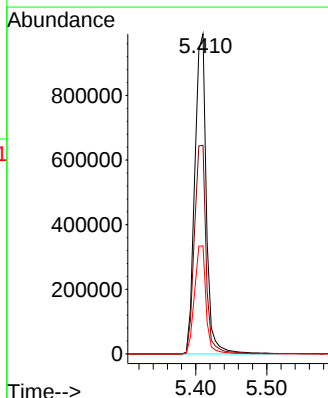
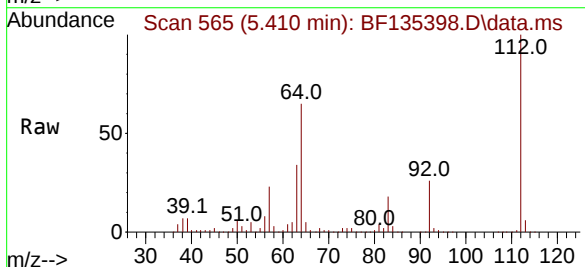
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:152 Resp: 161521
 Ion Ratio Lower Upper
 152 100
 150 158.6 127.8 191.6
 115 60.6 49.8 74.8



#5
 2-Fluorophenol
 Concen: 113.407 ng
 RT: 5.410 min Scan# 565
 Delta R.T. 0.024 min
 Lab File: BF135398.D
 Acq: 22 Sep 2023 13:39

Tgt Ion:112 Resp: 1126236
 Ion Ratio Lower Upper
 112 100
 64 65.2 55.9 83.9
 63 33.8 29.0 43.6

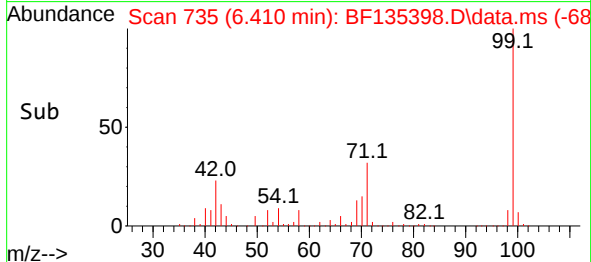
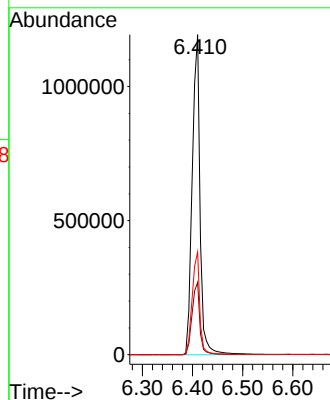
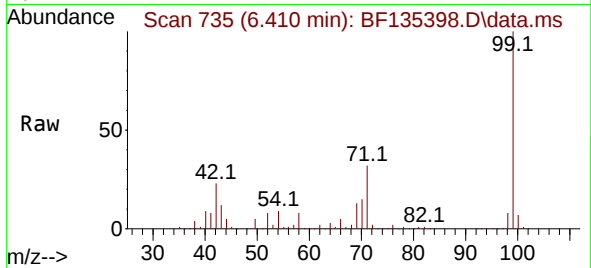




#7
Phenol-d6
Concen: 102.723 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135398.D
Acq: 22 Sep 2023 13:39

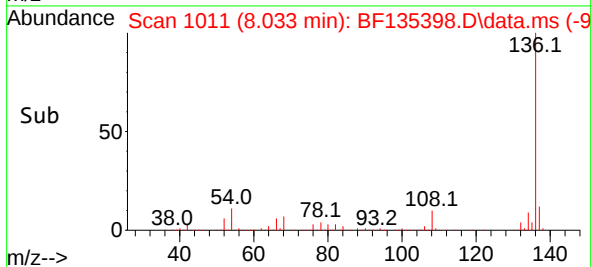
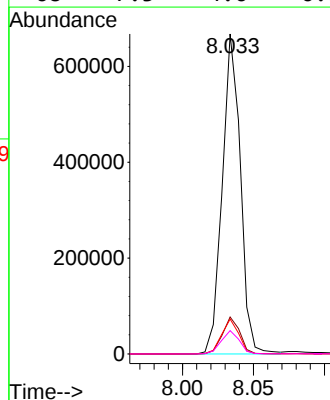
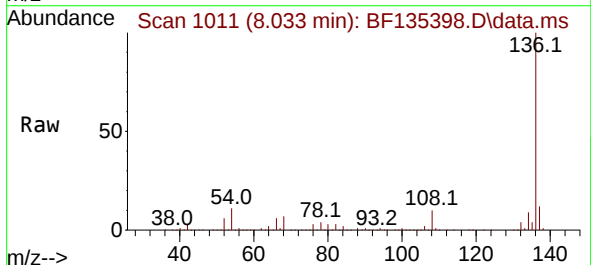
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 1297153
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 32.1 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: BF135398.D
Acq: 22 Sep 2023 13:39

Tgt Ion: 136 Resp: 591753
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 10.9 7.7 11.5
68 7.3 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 90.103 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135398.D

Acq: 22 Sep 2023 13:39

Instrument :

BNA_F

ClientSampleId :

TP-2

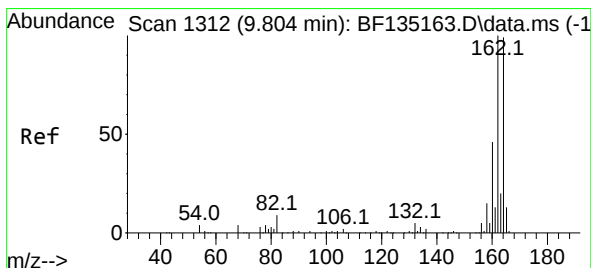
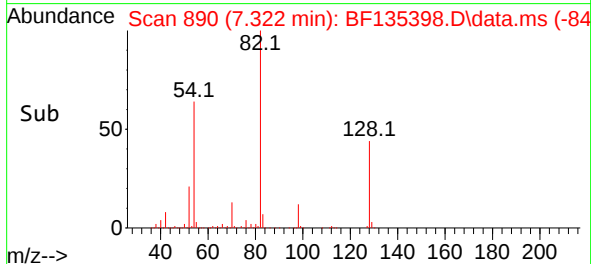
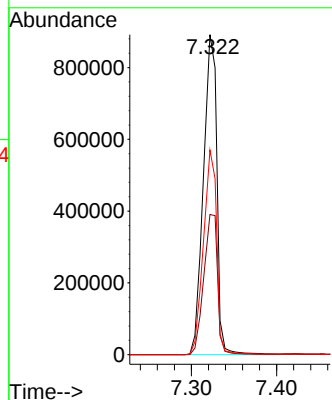
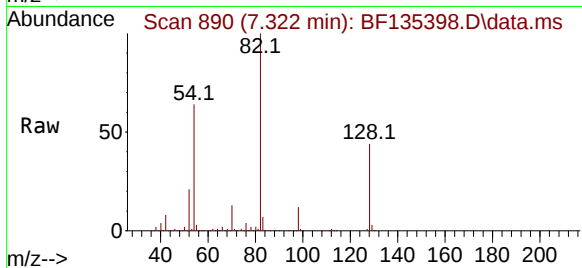
Tgt Ion: 82 Resp: 981401

Ion Ratio Lower Upper

82 100

128 43.8 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: BF135398.D

Acq: 22 Sep 2023 13:39

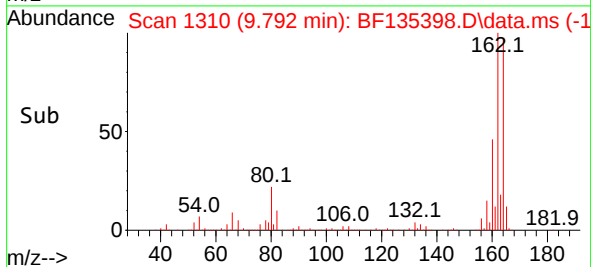
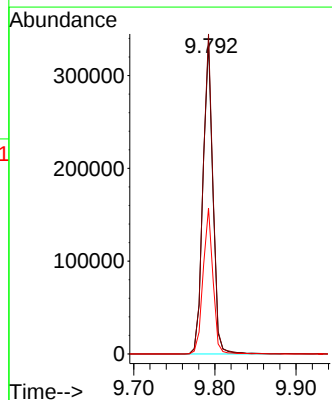
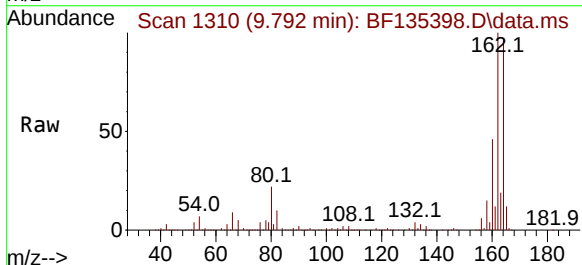
Tgt Ion: 164 Resp: 286300

Ion Ratio Lower Upper

164 100

162 102.7 81.0 121.4

160 46.8 37.0 55.4

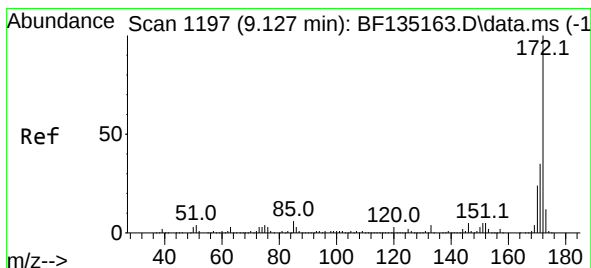
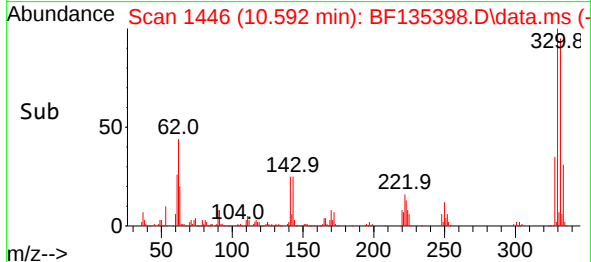
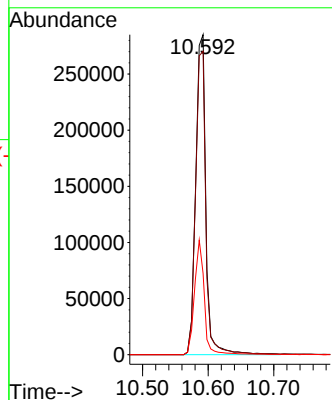
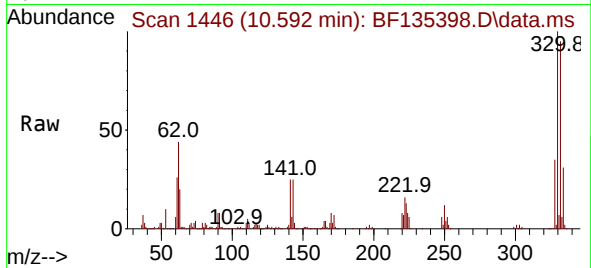




#42
2,4,6-Tribromophenol
Concen: 108.528 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135398.D
Acq: 22 Sep 2023 13:39

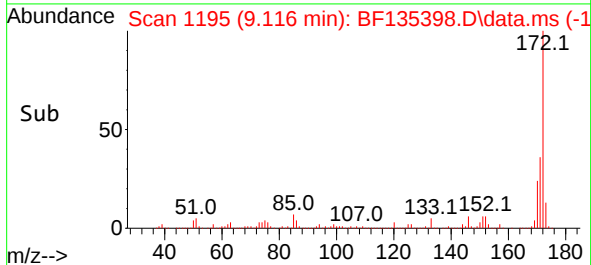
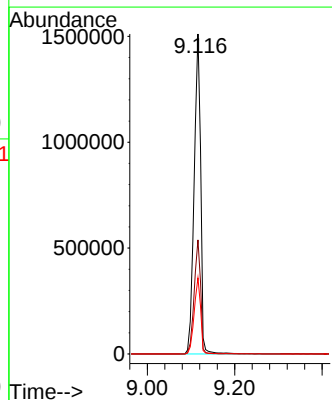
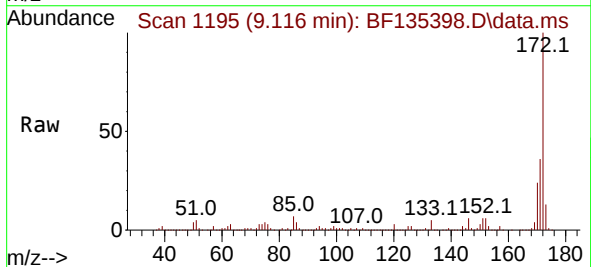
Instrument :
BNA_F
ClientSampleId :
TP-2

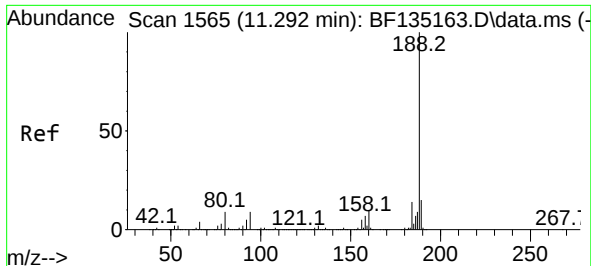
Tgt Ion:330 Resp: 308775
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 34.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 82.752 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135398.D
Acq: 22 Sep 2023 13:39

Tgt Ion:172 Resp: 1570329
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.8 19.0 28.4

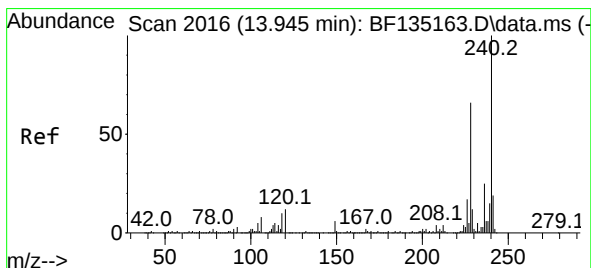
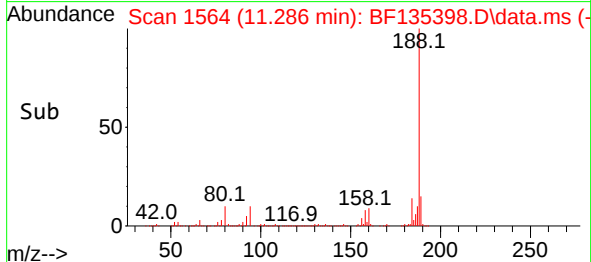
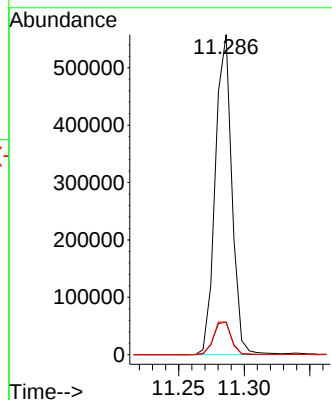
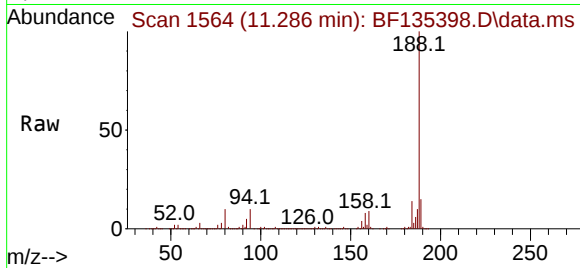




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF135398.D
Acq: 22 Sep 2023 13:39

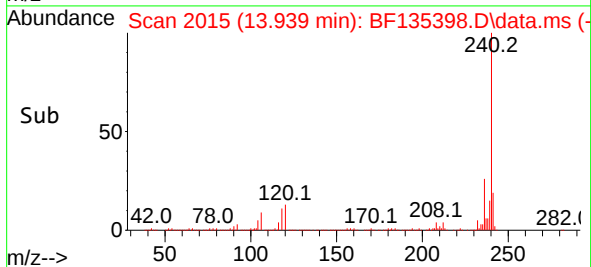
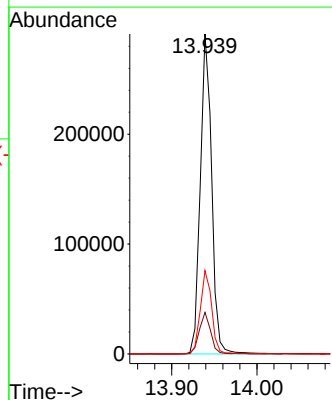
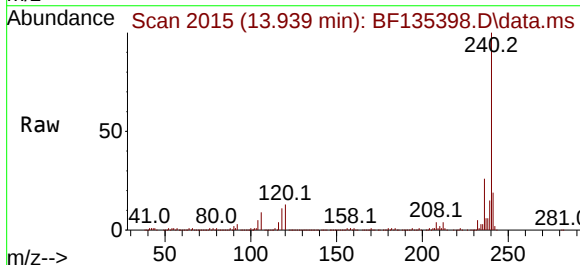
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:188 Resp: 489981
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.2 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: BF135398.D
Acq: 22 Sep 2023 13:39

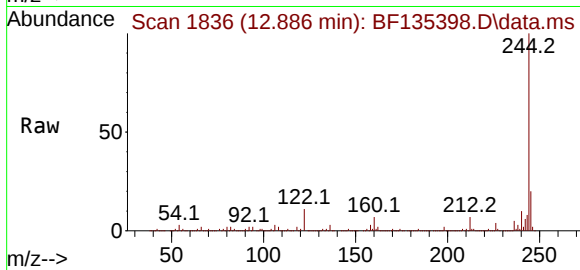
Tgt Ion:240 Resp: 270012
Ion Ratio Lower Upper
240 100
120 13.0 9.4 14.2
236 26.1 19.8 29.8





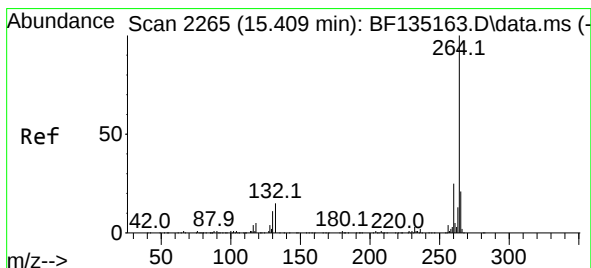
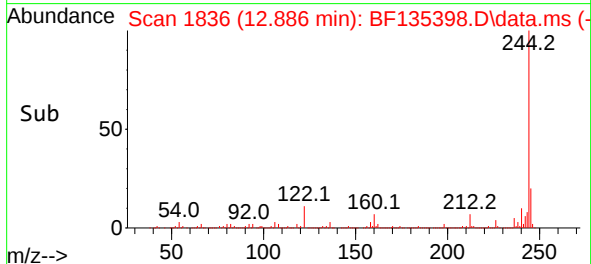
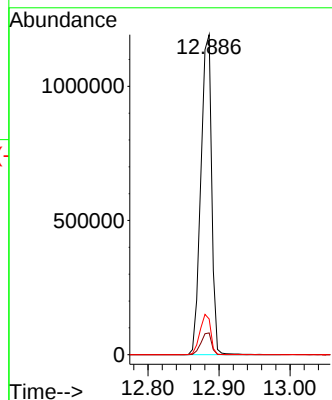
#79
 Terphenyl-d14
 Concen: 72.477 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135398.D
 Acq: 22 Sep 2023 13:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-2



Tgt Ion:244 Resp: 1262404

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.1	7.7
122	11.1	7.9	11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135398.D
 Acq: 22 Sep 2023 13:39

Tgt Ion:264 Resp: 350259

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	21.2	17.0	25.4

