

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135410.D
 Acq On : 22 Sep 2023 20:43
 Operator : CG\JU
 Sample : 04436-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B102-11

Quant Time: Sep 23 04:58:55 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	169081	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	632578	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	287369	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	480607	20.000	ng	0.00
76) Chrysene-d12	13.945	240	267202	20.000	ng	0.00
86) Perylene-d12	15.410	264	349366	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	795325	76.505	ng	0.00
7) Phenol-d6	6.404	99	974623	73.730	ng	0.00
23) Nitrobenzene-d5	7.322	82	591883	50.834	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	182586	63.936	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	942136	49.463	ng	-0.01
79) Terphenyl-d14	12.880	244	616774	35.783	ng	-0.01

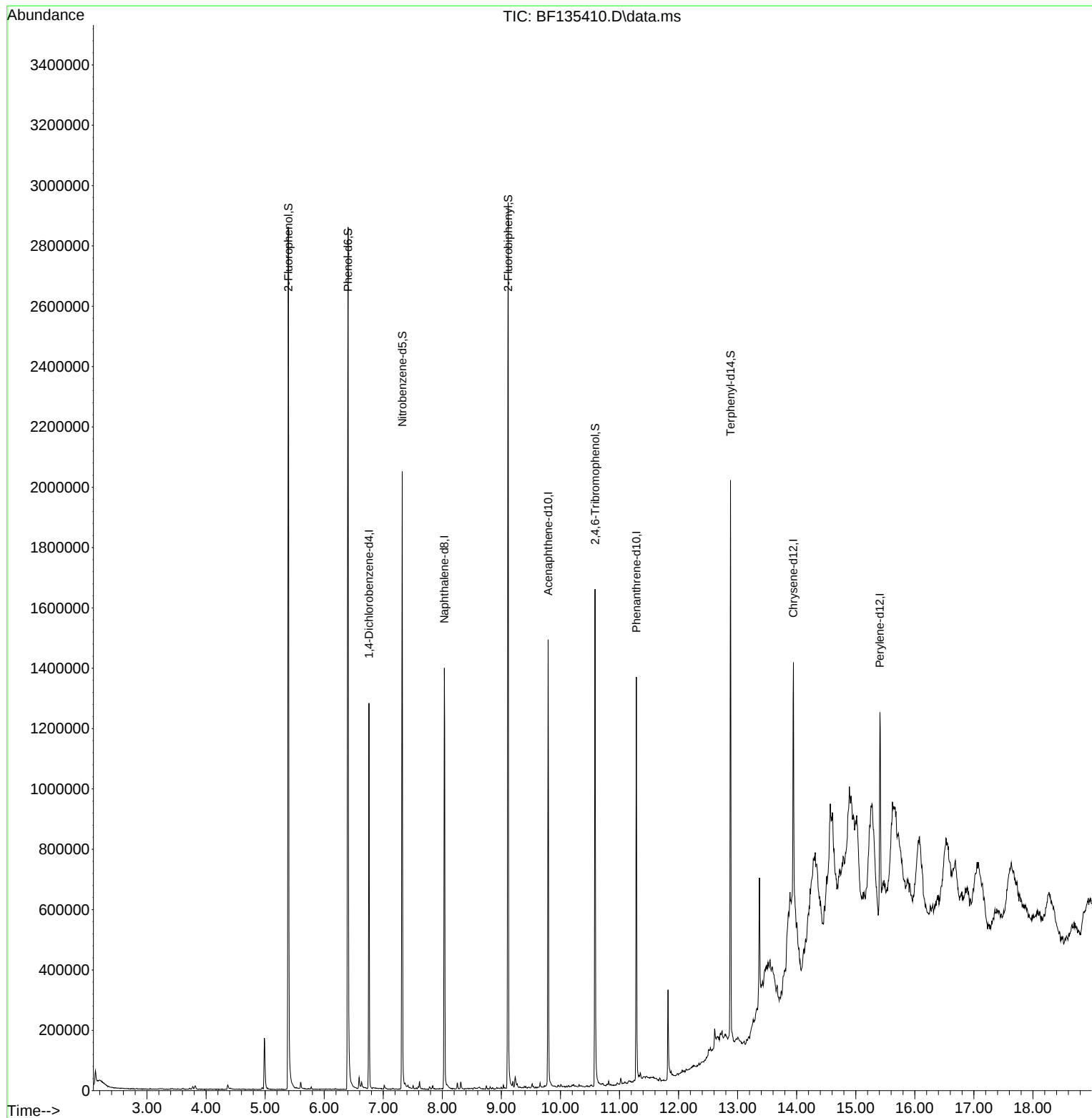
Target Compounds	Qvalue

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

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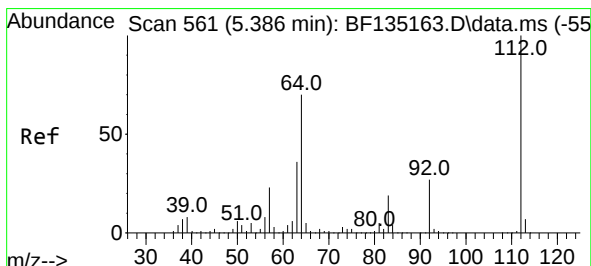
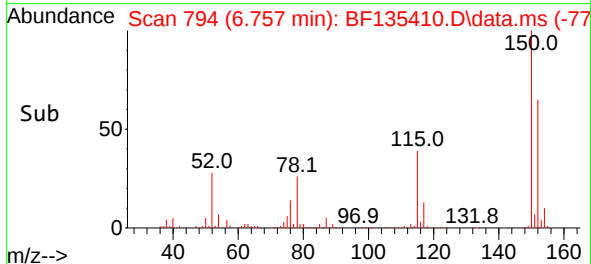
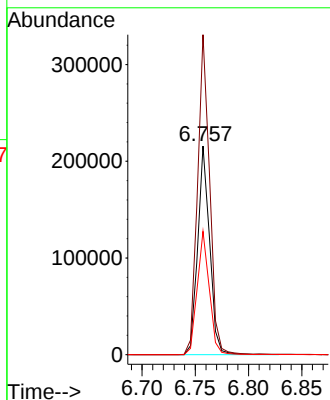
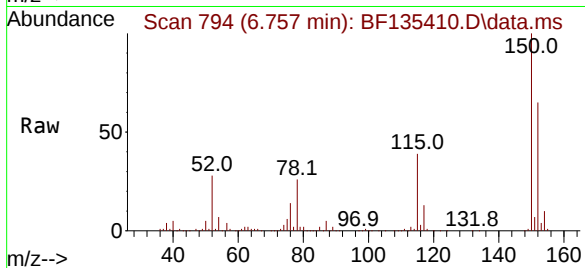




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

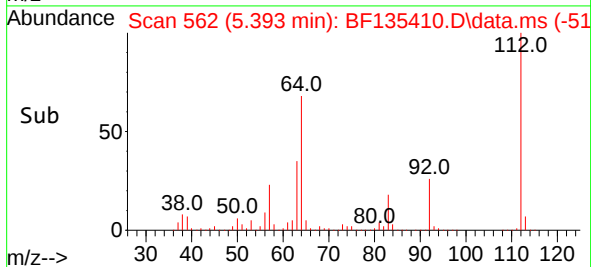
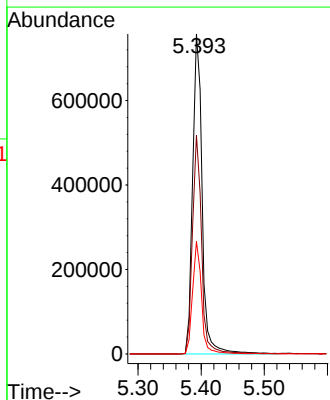
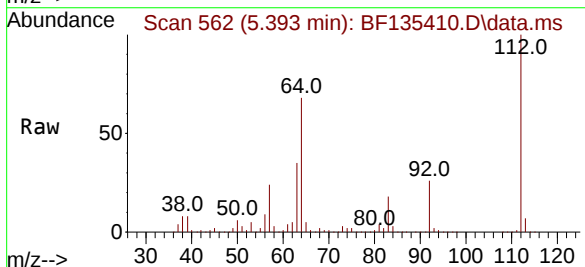
Instrument :
BNA_F
ClientSampleId :
B102-11

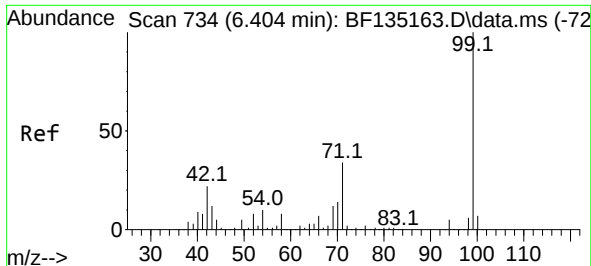
Tgt Ion:152 Resp: 169081
Ion Ratio Lower Upper
152 100
150 153.4 127.8 191.6
115 59.1 49.8 74.8



#5
2-Fluorophenol
Concen: 76.505 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

Tgt Ion:112 Resp: 795325
Ion Ratio Lower Upper
112 100
64 68.4 55.9 83.9
63 35.2 29.0 43.6

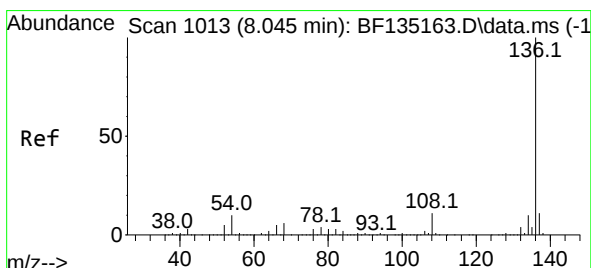
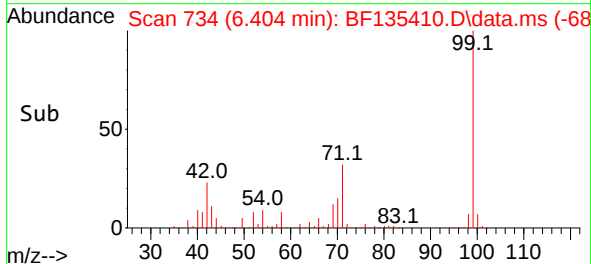
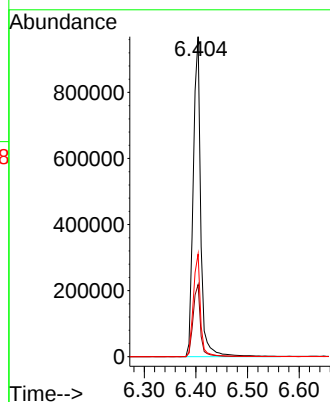
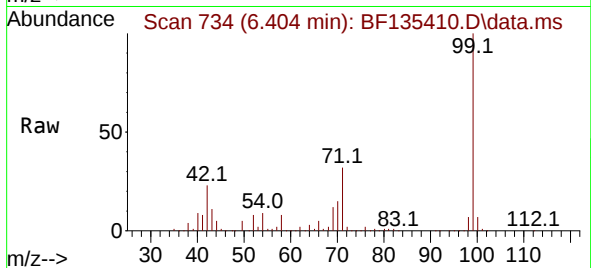




#7
Phenol-d6
Concen: 73.730 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

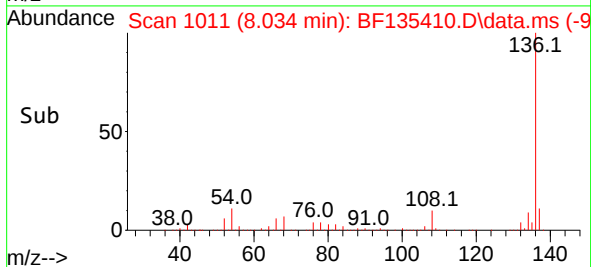
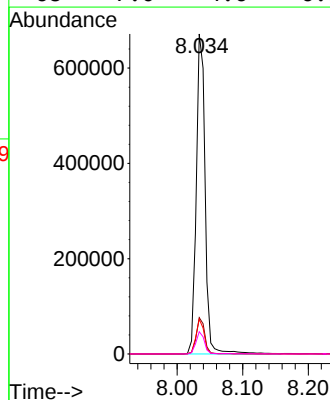
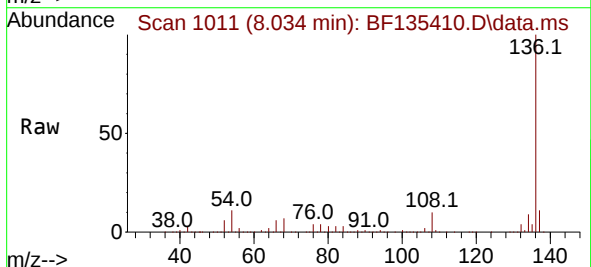
Instrument :
BNA_F
ClientSampleId :
B102-11

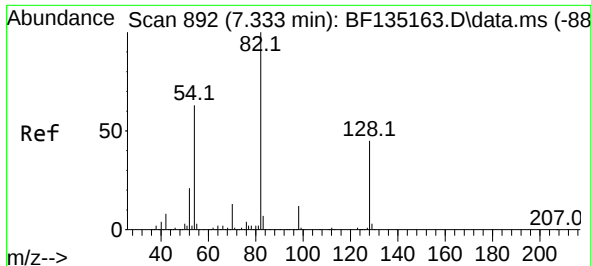
Tgt Ion: 99 Resp: 974623
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 32.1 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

Tgt Ion: 136 Resp: 632578
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 10.9 7.7 11.5
68 7.0 4.6 6.8#

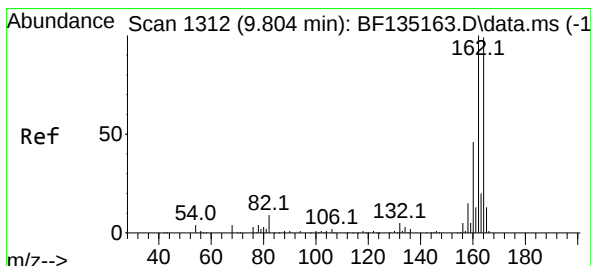
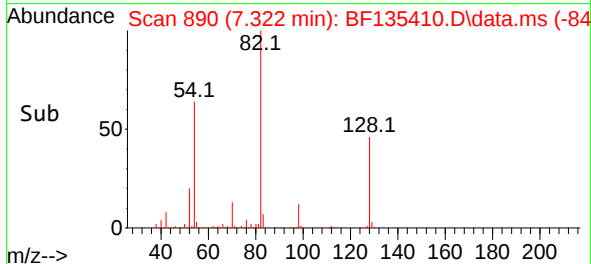
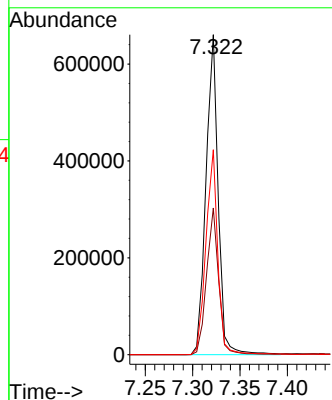
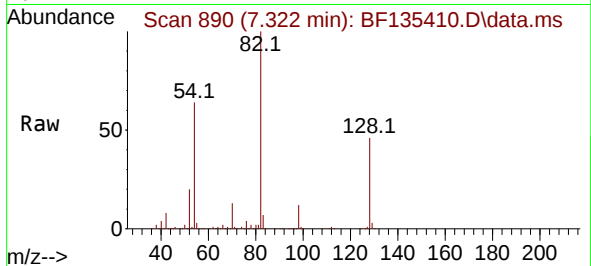




#23
Nitrobenzene-d5
Concen: 50.834 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

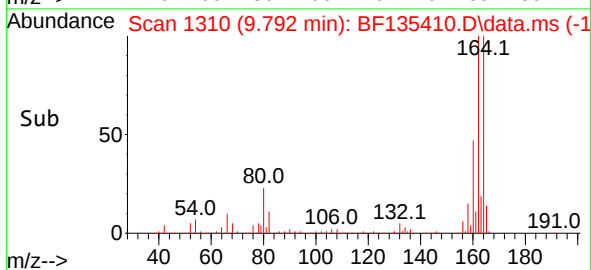
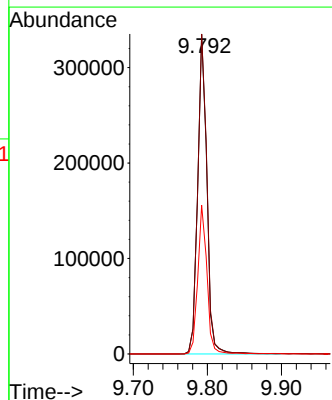
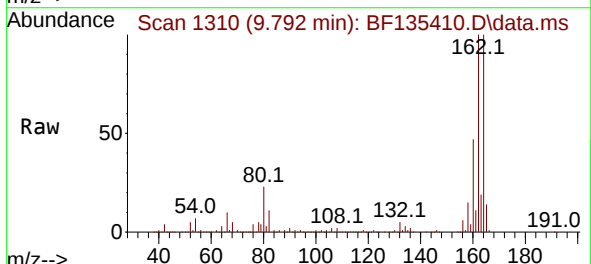
Instrument :
BNA_F
ClientSampleId :
B102-11

Tgt Ion: 82 Resp: 591883
Ion Ratio Lower Upper
82 100
128 45.9 35.8 53.6
54 64.1 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: BF135410.D
Acq: 22 Sep 2023 20:43

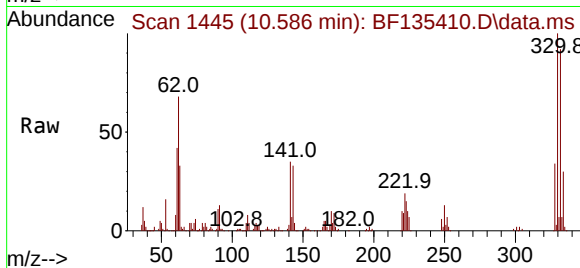
Tgt Ion: 164 Resp: 287369
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 46.5 37.0 55.4



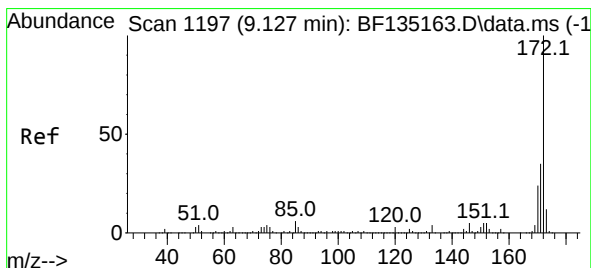
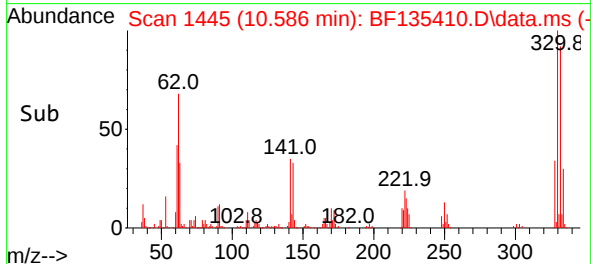
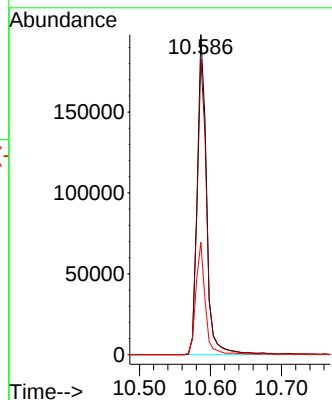


#42
2,4,6-Tribromophenol
Concen: 63.936 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

Instrument :
BNA_F
ClientSampleId :
B102-11

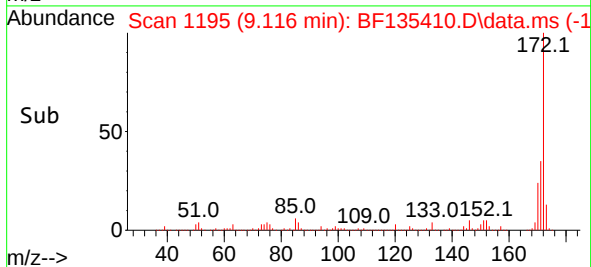
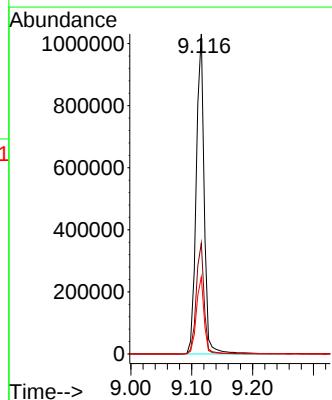
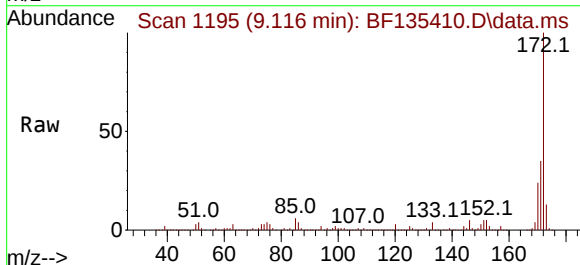


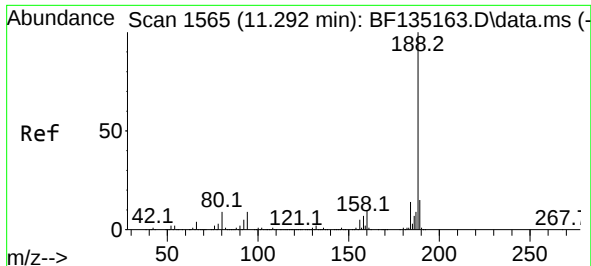
Tgt Ion:330 Resp: 182586
Ion Ratio Lower Upper
330 100
332 94.3 77.3 115.9
141 35.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 49.463 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

Tgt Ion:172 Resp: 942136
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 24.1 19.0 28.4

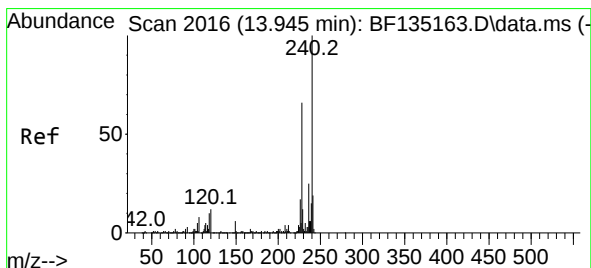
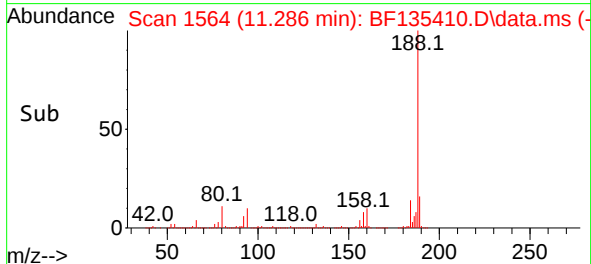
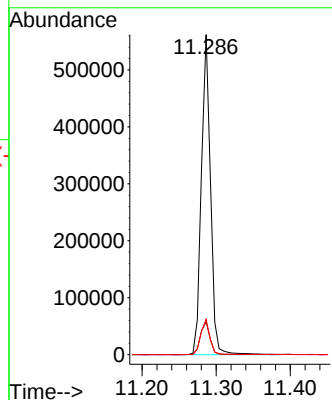
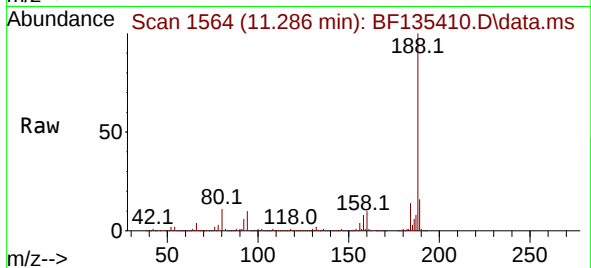




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

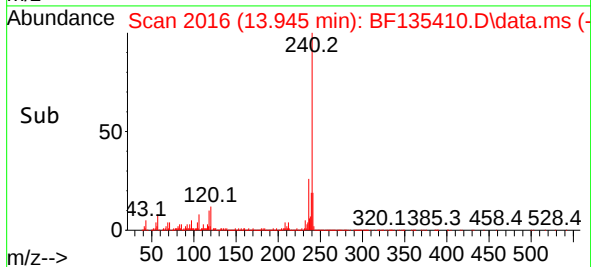
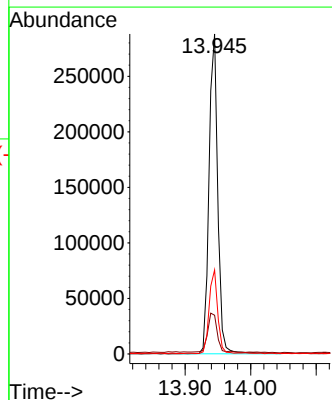
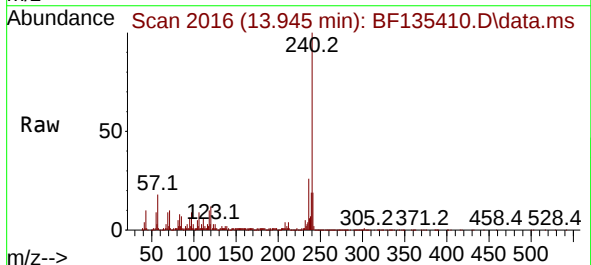
Instrument :
BNA_F
ClientSampleId :
B102-11

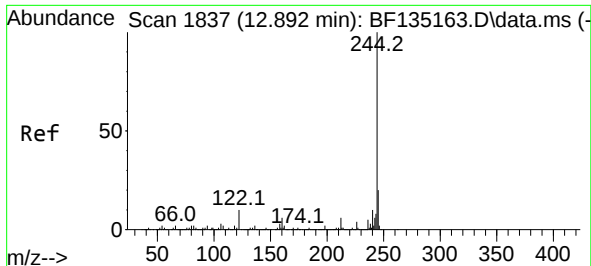
Tgt Ion:188 Resp: 480607
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 11.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135410.D
Acq: 22 Sep 2023 20:43

Tgt Ion:240 Resp: 267202
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 26.2 19.8 29.8

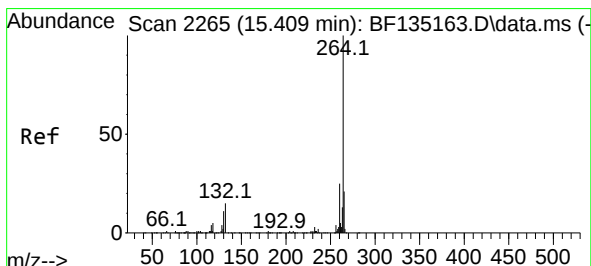
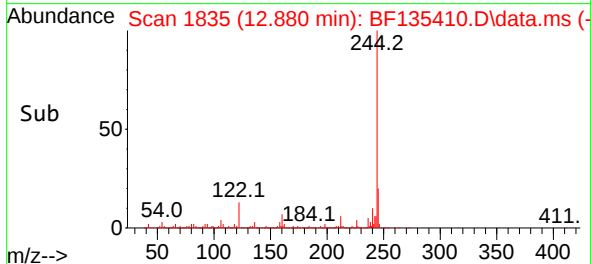
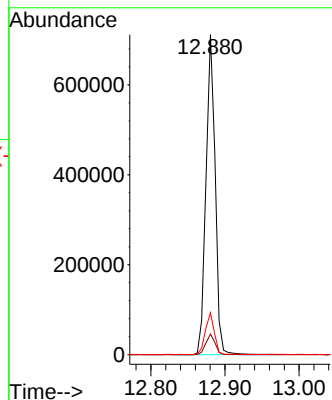
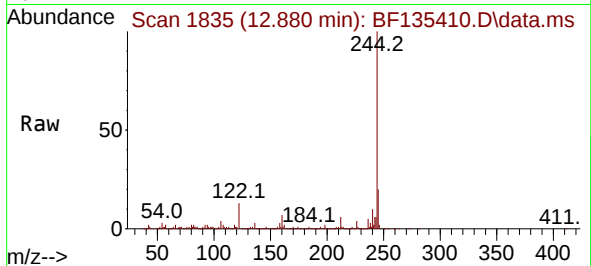




#79
 Terphenyl-d14
 Concen: 35.783 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.012 min
 Lab File: BF135410.D
 Acq: 22 Sep 2023 20:43

Instrument :
 BNA_F
 ClientSampleId :
 B102-11

Tgt Ion:244 Resp: 616774
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 13.1 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135410.D
 Acq: 22 Sep 2023 20:43

Tgt Ion:264 Resp: 349366
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.8 29.6
 265 21.7 17.0 25.4

