

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140183.D
 Acq On : 31 Oct 2024 12:33
 Operator : RC/JU
 Sample : P4616-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F10

Quant Time: Oct 31 13:34:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	105803	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	410849	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	234900	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	426856	20.000	ng	0.00
76) Chrysene-d12	14.074	240	225574	20.000	ng	0.02
86) Perylene-d12	15.592	264	185140	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	786201	116.328	ng	0.02
7) Phenol-d6	6.510	99	936150	106.948	ng	0.00
23) Nitrobenzene-d5	7.445	82	739503	99.759	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	344461	156.774	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1292656	90.948	ng	-0.01
79) Terphenyl-d14	13.015	244	1382004	99.832	ng	0.02

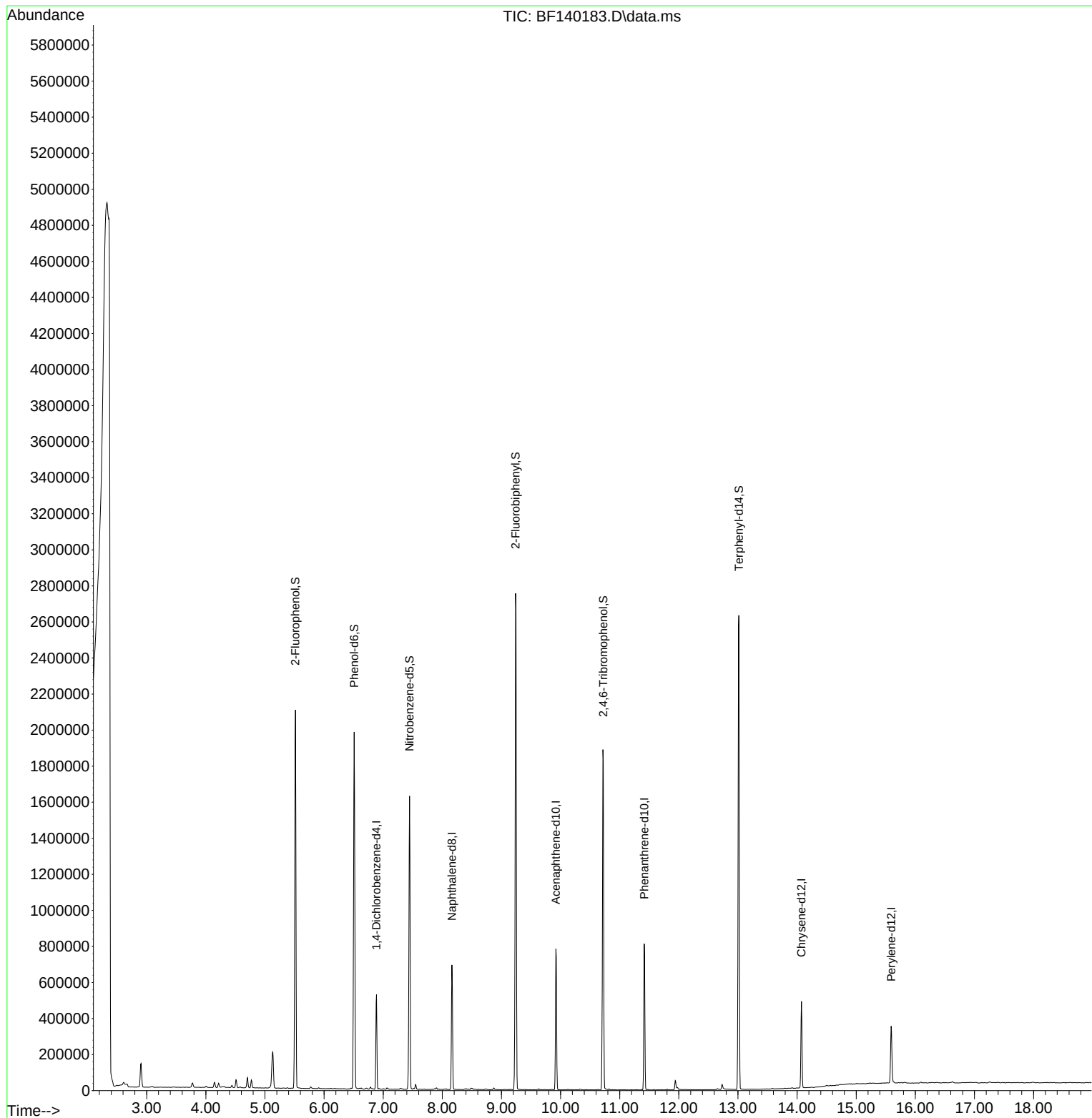
Target Compounds	Qvalue

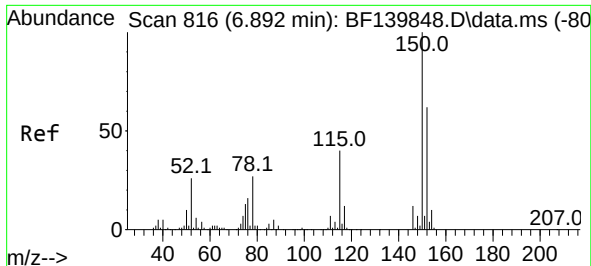
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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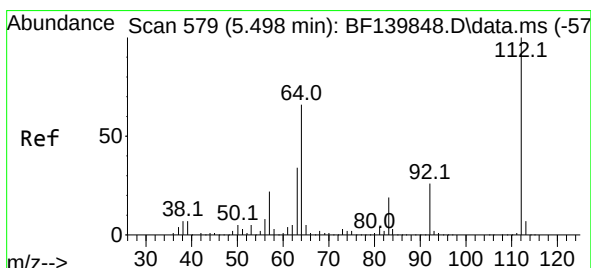
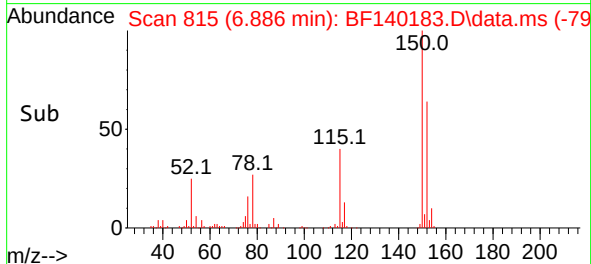
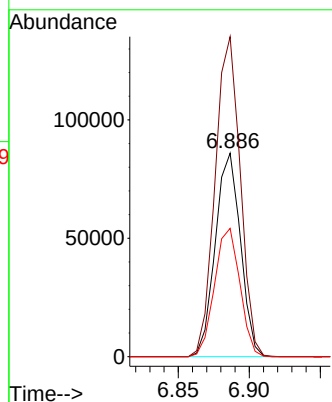
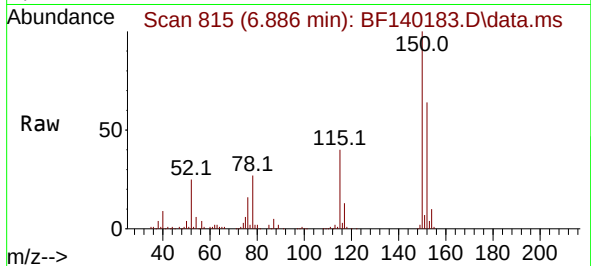




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140183.D
Acq: 31 Oct 2024 12:33

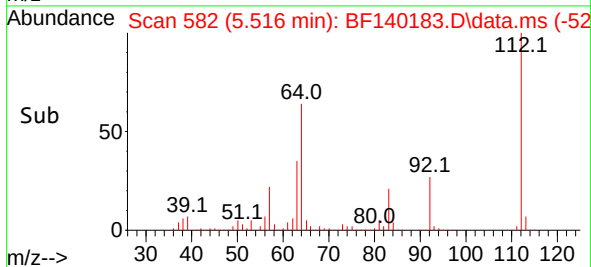
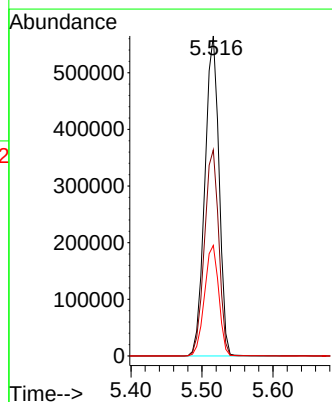
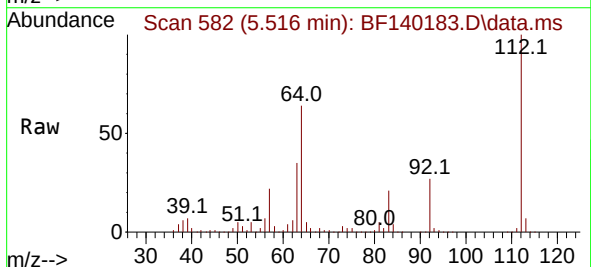
Instrument :
BNA_F
ClientSampleId :
BP-F10

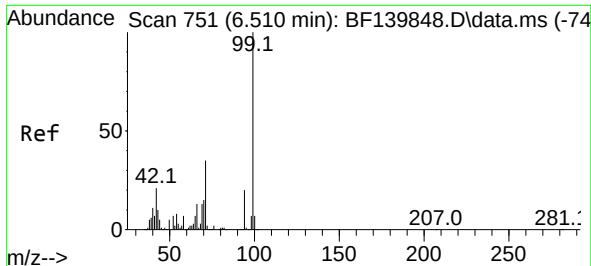
Tgt Ion:152 Resp: 105803
Ion Ratio Lower Upper
152 100
150 157.2 130.2 195.2
115 63.0 51.4 77.2



#5
2-Fluorophenol
Concen: 116.328 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140183.D
Acq: 31 Oct 2024 12:33

Tgt Ion:112 Resp: 786201
Ion Ratio Lower Upper
112 100
64 64.4 53.0 79.6
63 34.5 27.0 40.4

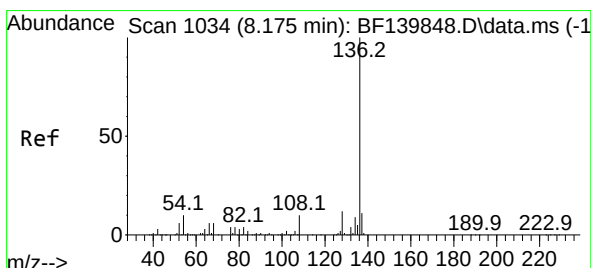
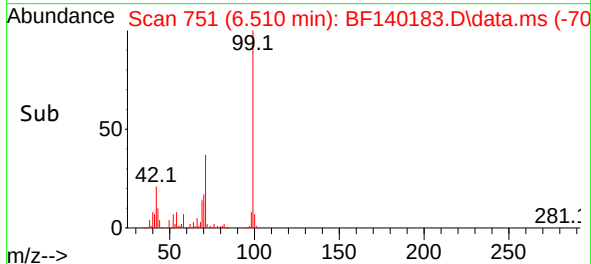
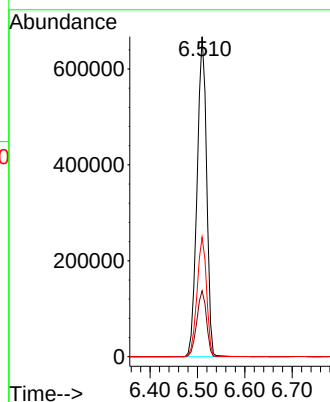
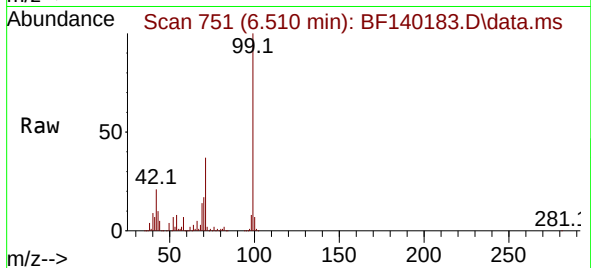




#7
Phenol-d6
Concen: 106.948 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140183.D
Acq: 31 Oct 2024 12:33

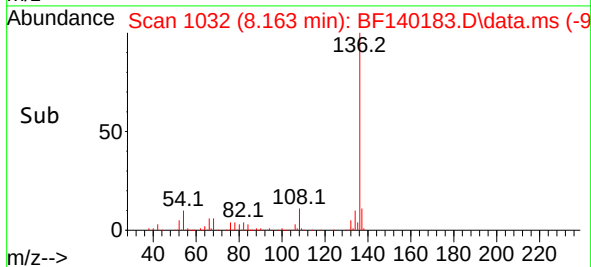
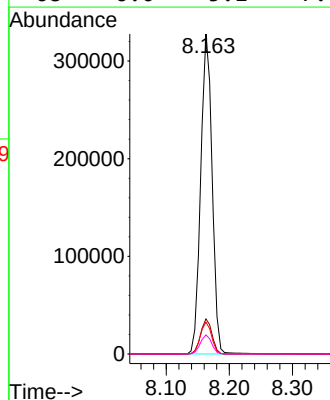
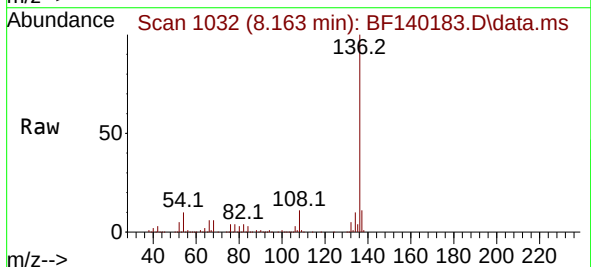
Instrument :
BNA_F
ClientSampleId :
BP-F10

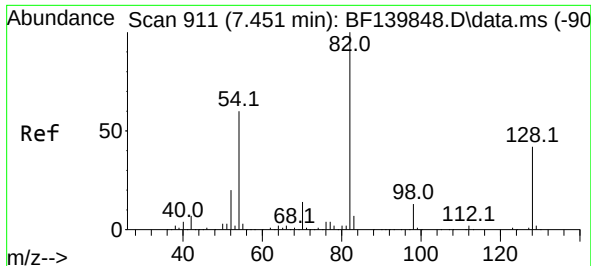
Tgt Ion: 99 Resp: 936150
Ion Ratio Lower Upper
99 100
42 20.6 16.7 25.1
71 37.3 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140183.D
Acq: 31 Oct 2024 12:33

Tgt Ion: 136 Resp: 410849
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.0 8.4 12.6
68 6.0 5.1 7.7

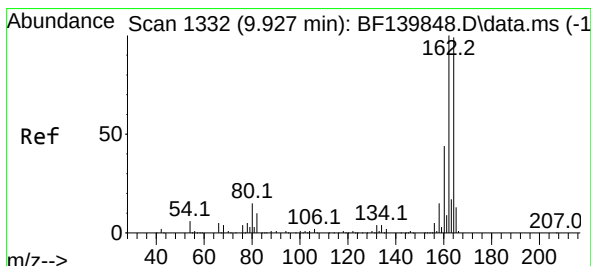
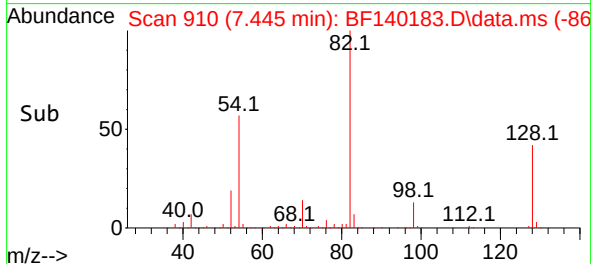
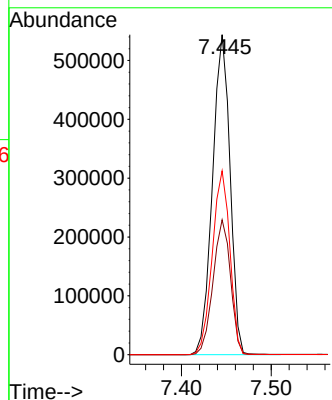
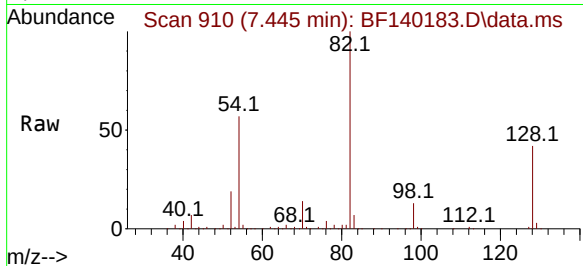




#23
 Nitrobenzene-d5
 Concen: 99.759 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF140183.D
 Acq: 31 Oct 2024 12:33

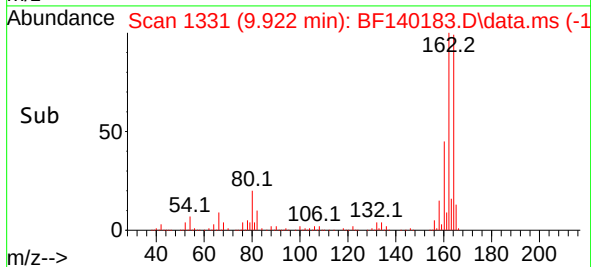
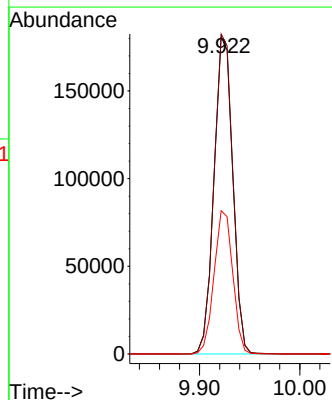
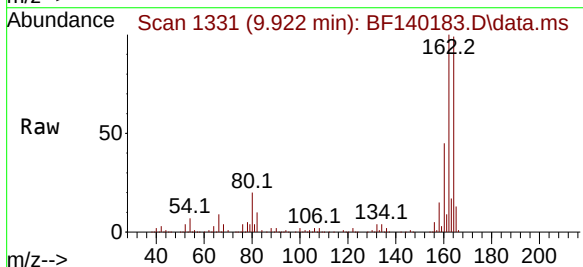
Instrument :
 BNA_F
 ClientSampleId :
 BP-F10

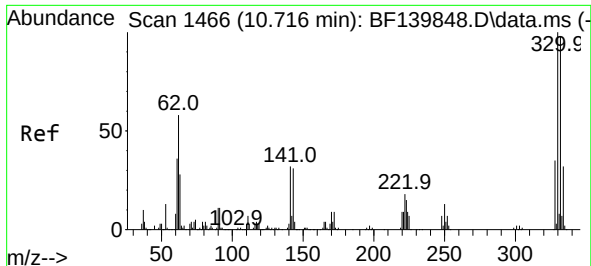
Tgt Ion: 82 Resp: 739503
 Ion Ratio Lower Upper
 82 100
 128 42.2 33.4 50.0
 54 57.5 47.8 71.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.005 min
 Lab File: BF140183.D
 Acq: 31 Oct 2024 12:33

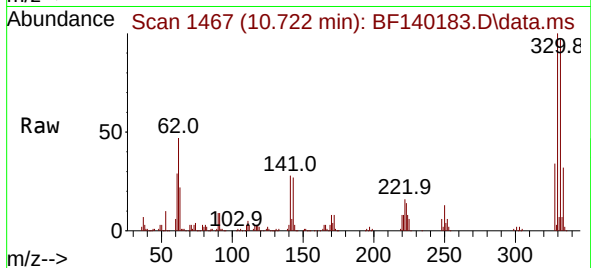
Tgt Ion: 164 Resp: 234900
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.0 121.4
 160 45.2 35.4 53.0



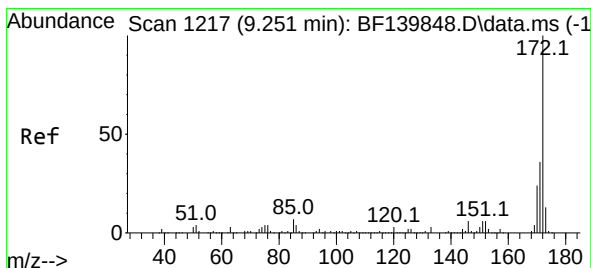
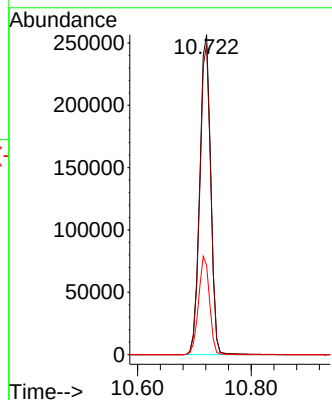
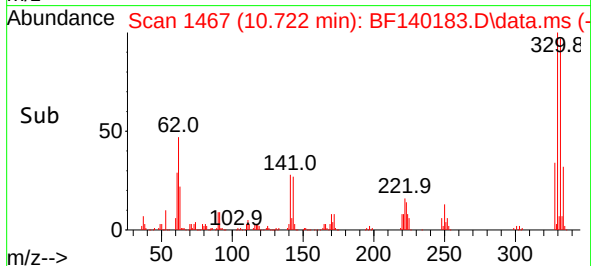


#42
2,4,6-Tribromophenol
Concen: 156.774 ng
RT: 10.722 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF140183.D
Acq: 31 Oct 2024 12:33

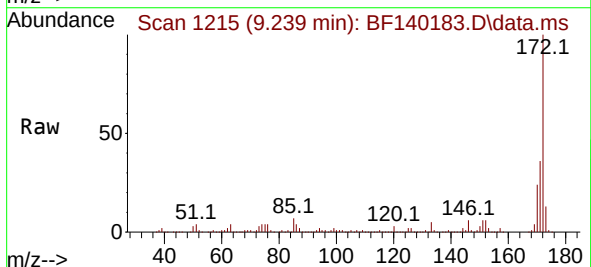
Instrument :
BNA_F
ClientSampleId :
BP-F10



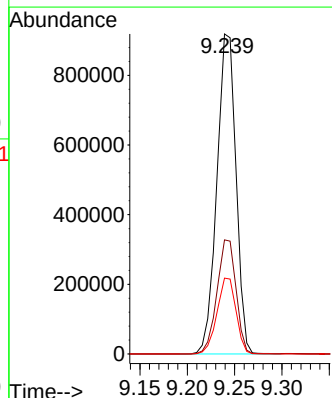
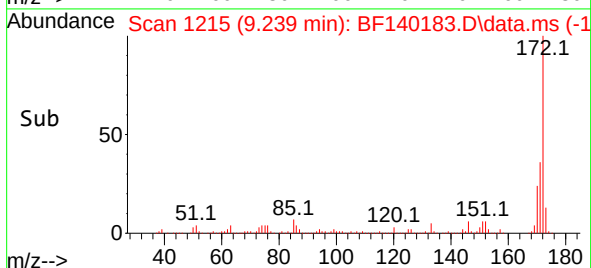
Tgt Ion:330 Resp: 344461
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 30.7 26.6 39.8

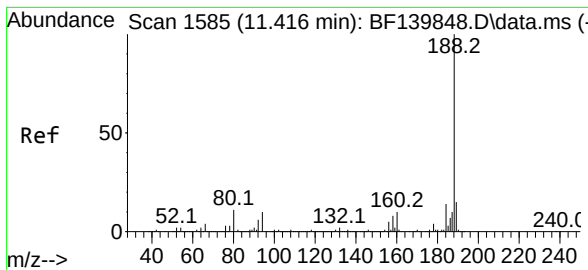


#45
2-Fluorobiphenyl
Concen: 90.948 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140183.D
Acq: 31 Oct 2024 12:33



Tgt Ion:172 Resp: 1292656
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.7 19.1 28.7

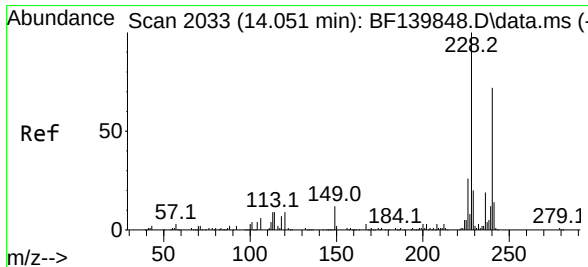
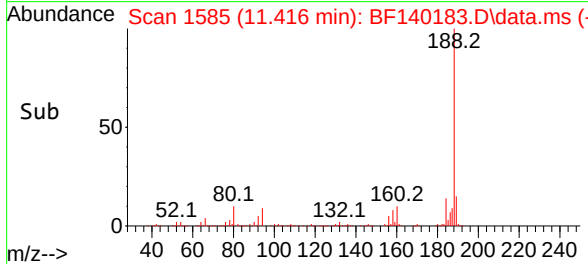
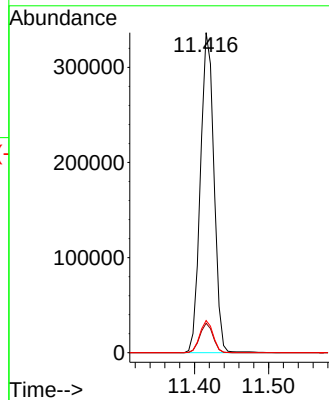
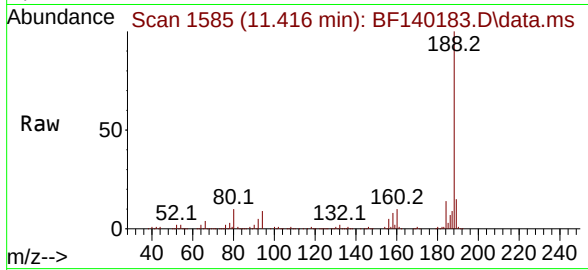




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140183.D
Acq: 31 Oct 2024 12:33

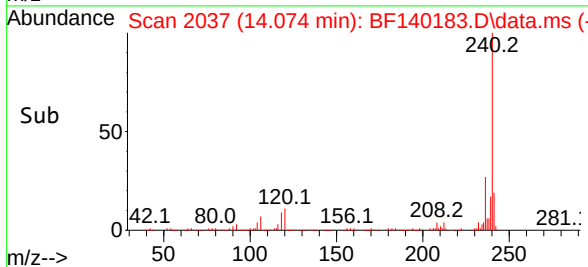
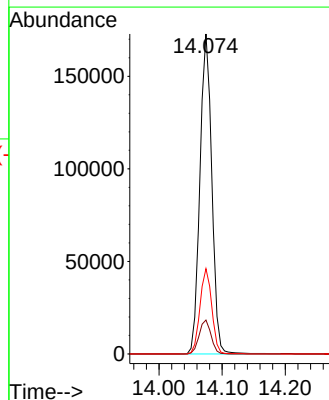
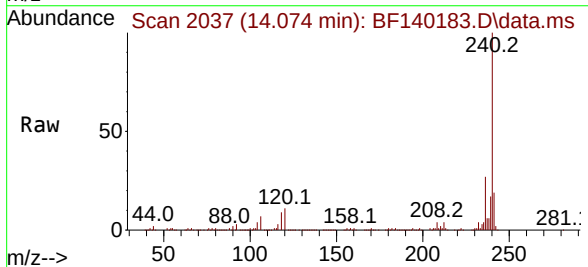
Instrument :
BNA_F
ClientSampleId :
BP-F10

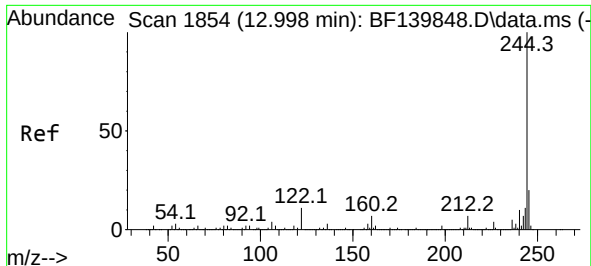
Tgt Ion:188 Resp: 426856
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2037
Delta R.T. 0.024 min
Lab File: BF140183.D
Acq: 31 Oct 2024 12:33

Tgt Ion:240 Resp: 225574
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.7 20.9 31.3

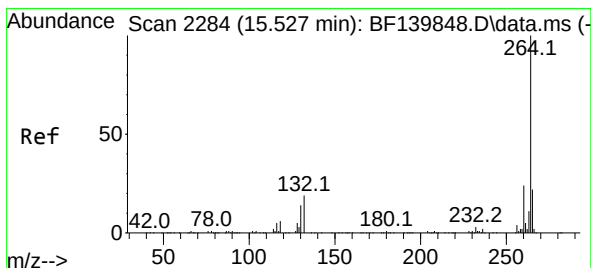
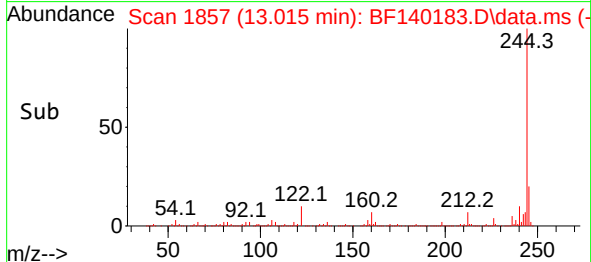
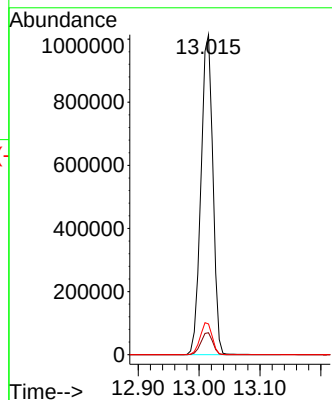
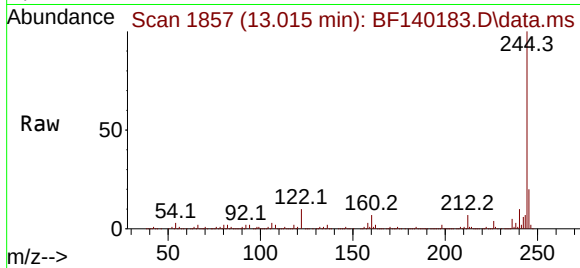




#79
 Terphenyl-d14
 Concen: 99.832 ng
 RT: 13.015 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF140183.D
 Acq: 31 Oct 2024 12:33

Instrument :
 BNA_F
 ClientSampleId :
 BP-F10

Tgt Ion:244 Resp: 1382004
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2295
 Delta R.T. 0.065 min
 Lab File: BF140183.D
 Acq: 31 Oct 2024 12:33

Tgt Ion:264 Resp: 185140
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 22.0 17.4 26.0

