

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140126.D
 Acq On : 29 Oct 2024 21:39
 Operator : RC/JU
 Sample : P4561-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-19

Quant Time: Oct 30 01:05:02 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	6.887	152	124374	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	486569	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	249649	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	350468	20.000	ng	0.00
76) Chrysene-d12	14.051	240	248754	20.000	ng	0.00
86) Perylene-d12	15.539	264	237714	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	647876	81.548	ng	0.01
7) Phenol-d6	6.510	99	832517	80.908	ng	0.00
23) Nitrobenzene-d5	7.445	82	554453	63.156	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	160280	68.638	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	992368	65.696	ng	0.00
79) Terphenyl-d14	12.998	244	721383	47.255	ng	0.00

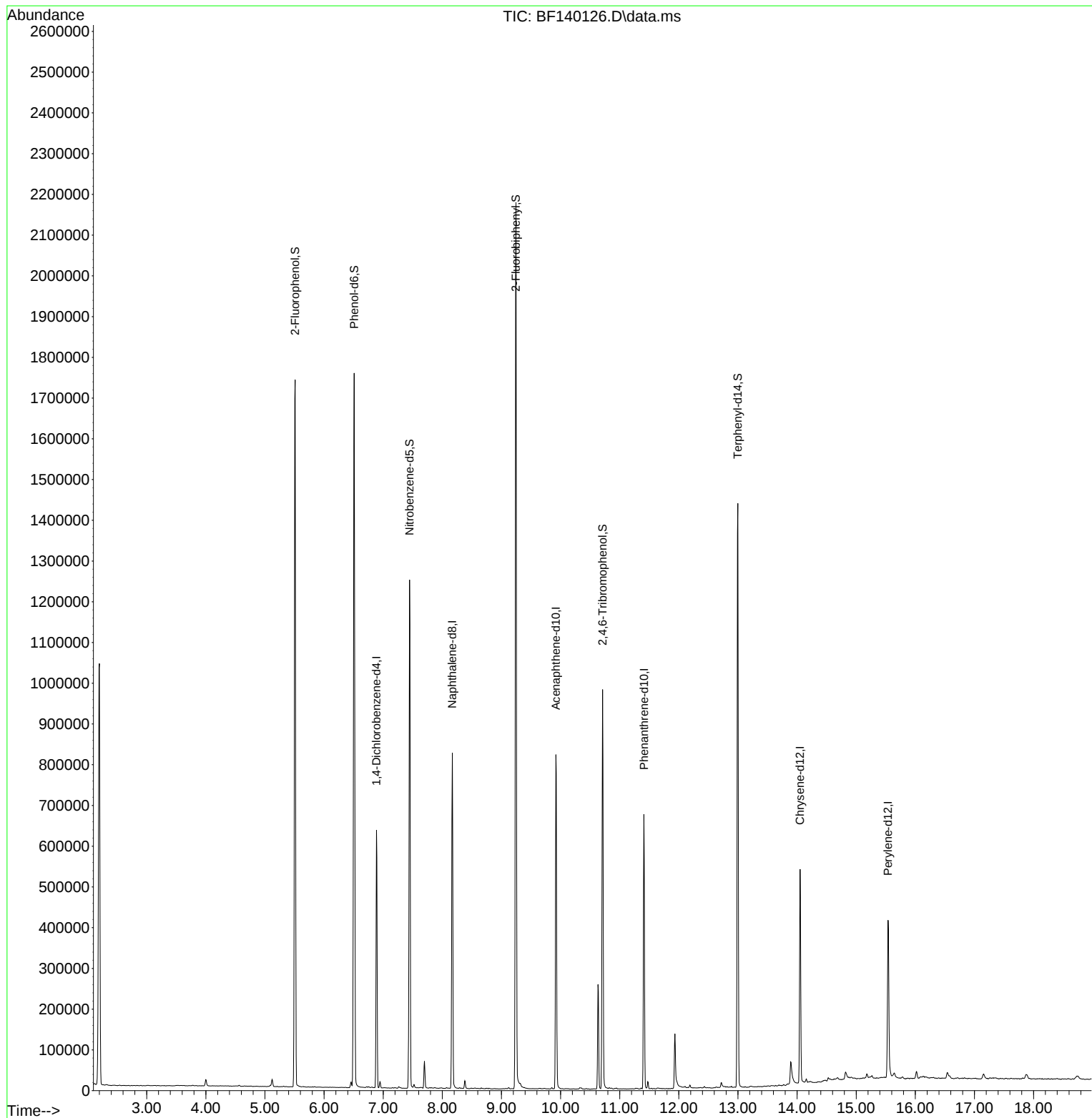
Target Compounds	Qvalue

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

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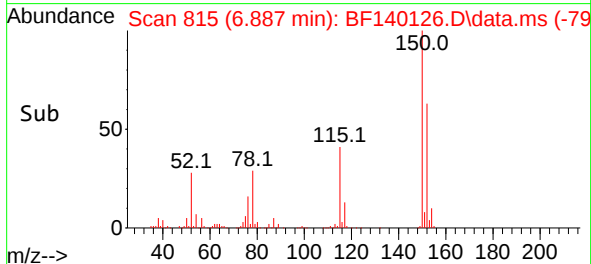
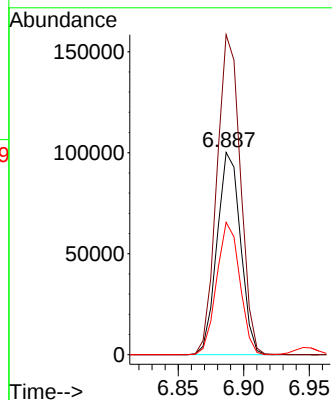
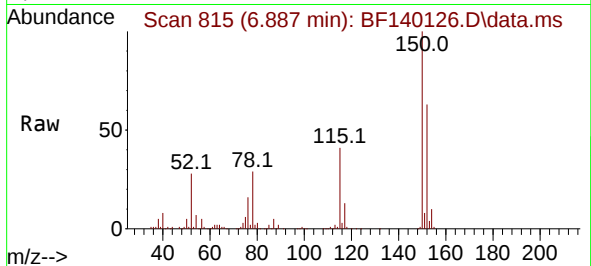




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140126.D
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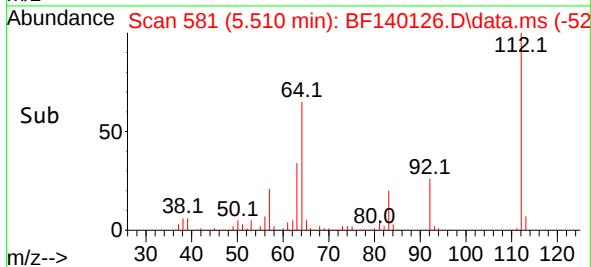
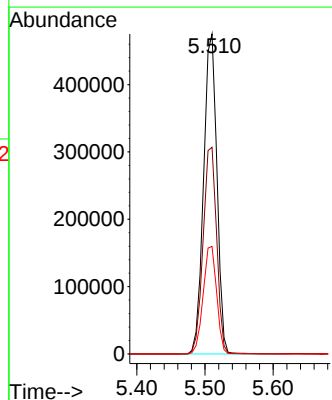
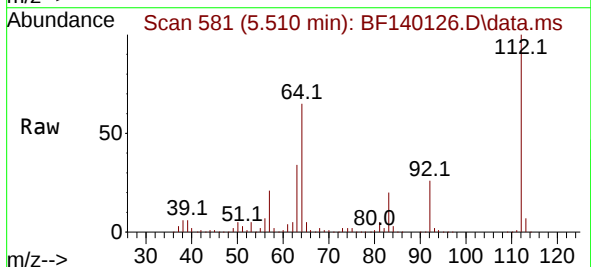
Instrument :
BNA_F
ClientSampleId :
BP-F-19

Tgt Ion:152 Resp: 124374
Ion Ratio Lower Upper
152 100
150 158.2 130.2 195.2
115 65.4 51.4 77.2



#5
2-Fluorophenol
Concen: 81.548 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

Tgt Ion:112 Resp: 647876
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 33.6 27.0 40.4

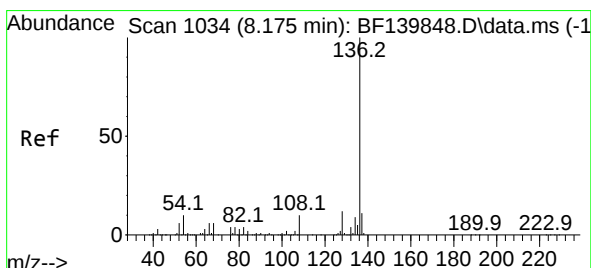
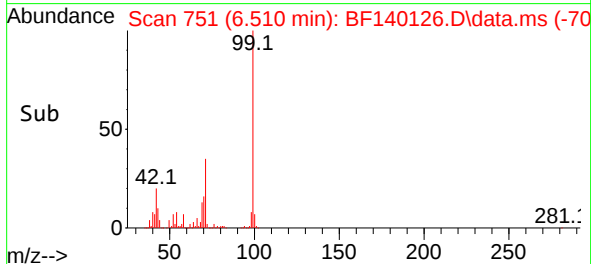
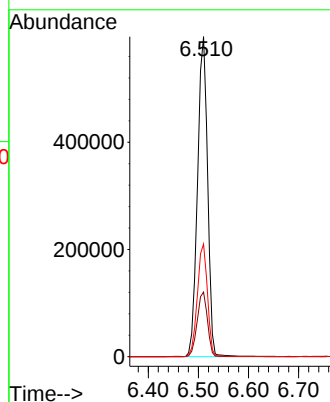
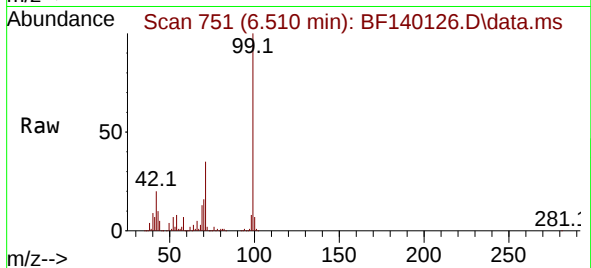




#7
Phenol-d6
Concen: 80.908 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

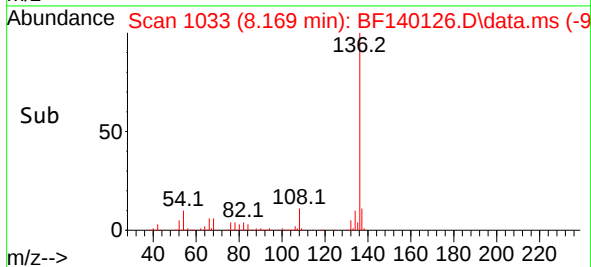
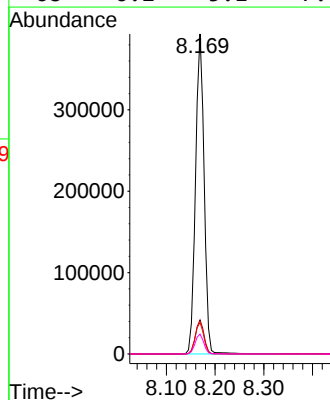
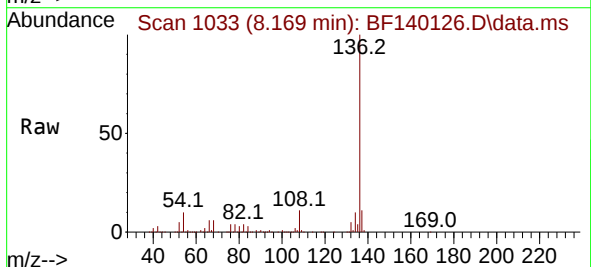
Instrument :
BNA_F
ClientSampleId :
BP-F-19

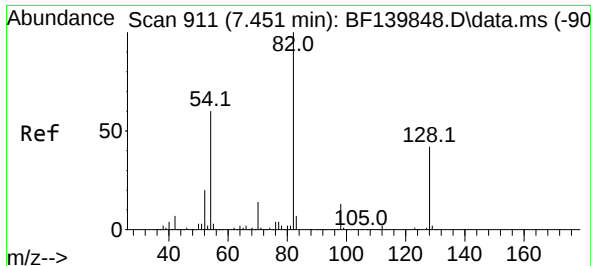
Tgt Ion: 99 Resp: 832517
Ion Ratio Lower Upper
99 100
42 20.2 16.7 25.1
71 35.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

Tgt Ion: 136 Resp: 486569
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.9 8.4 12.6
68 6.2 5.1 7.7

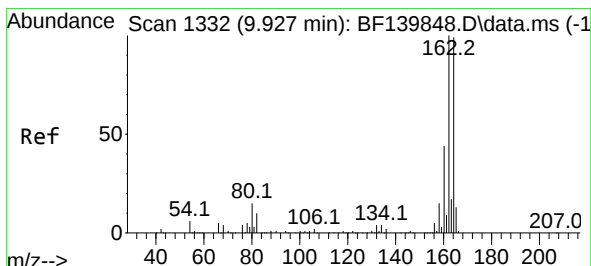
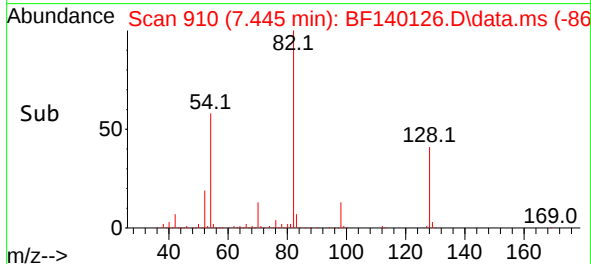
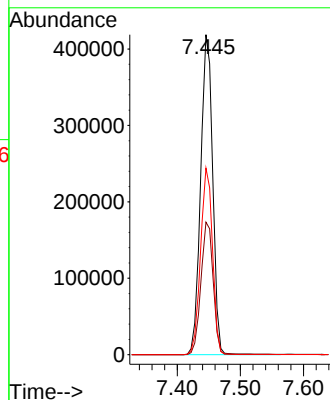
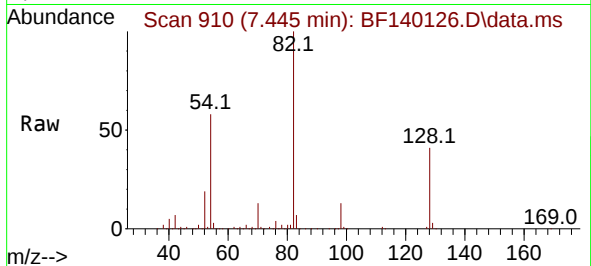




#23
Nitrobenzene-d5
Concen: 63.156 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

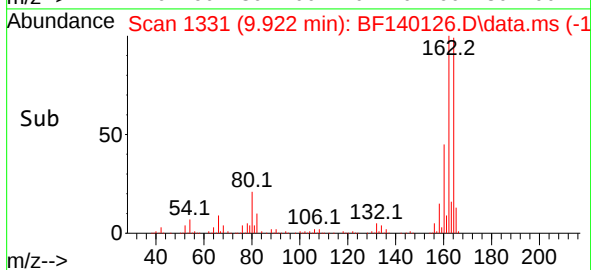
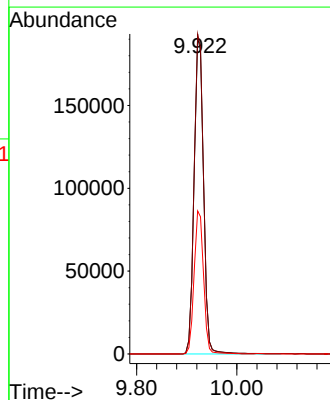
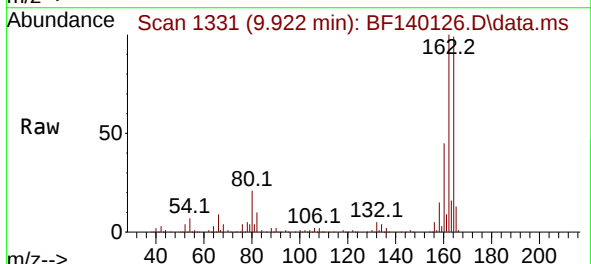
Instrument :
BNA_F
ClientSampleId :
BP-F-19

Tgt Ion: 82 Resp: 554453
Ion Ratio Lower Upper
82 100
128 41.4 33.4 50.0
54 58.3 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: BF140126.D
Acq: 29 Oct 2024 21:39

Tgt Ion:164 Resp: 249649
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 45.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 68.638 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140126.D

Acq: 29 Oct 2024 21:39

Instrument :

BNA_F

ClientSampleId :

BP-F-19

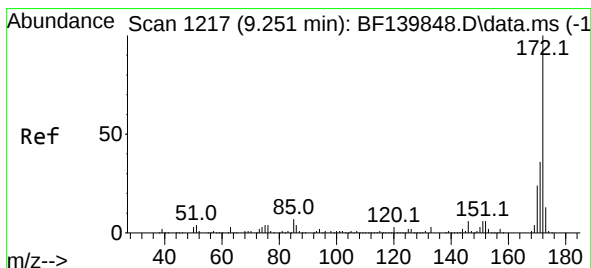
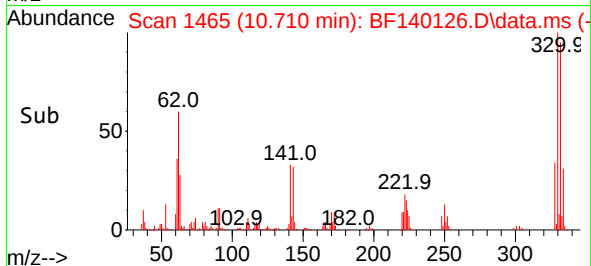
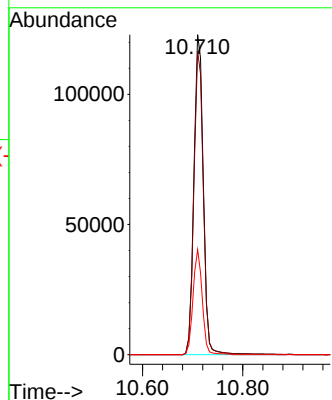
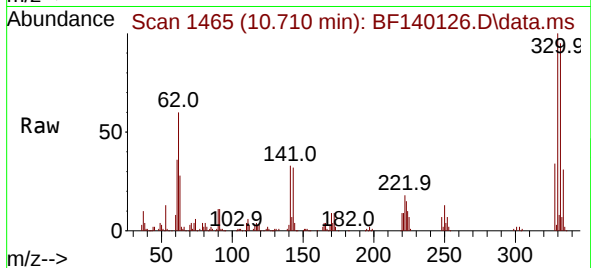
Tgt Ion:330 Resp: 160280

Ion Ratio Lower Upper

330 100

332 94.7 78.1 117.1

141 32.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 65.696 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140126.D

Acq: 29 Oct 2024 21:39

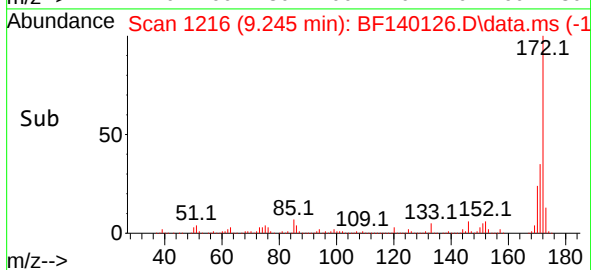
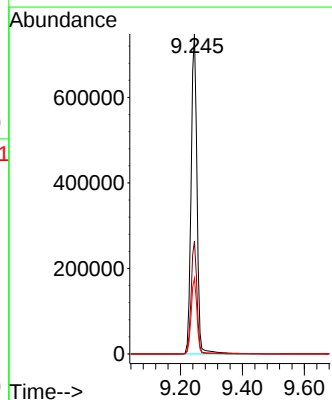
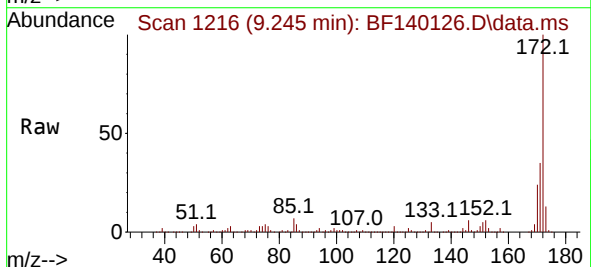
Tgt Ion:172 Resp: 992368

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.7 19.1 28.7

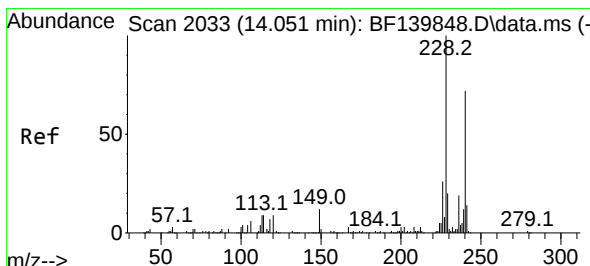
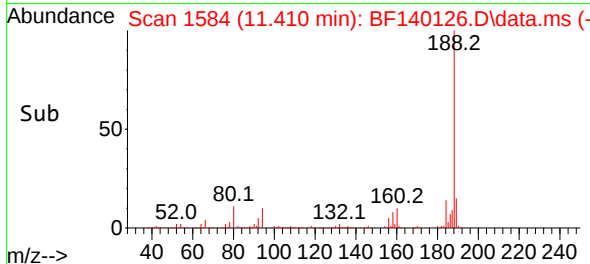
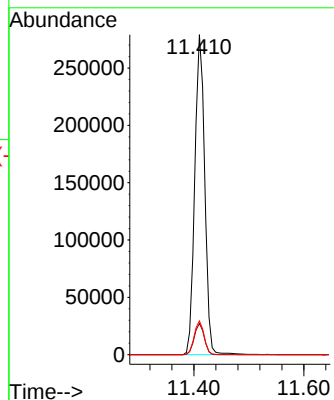
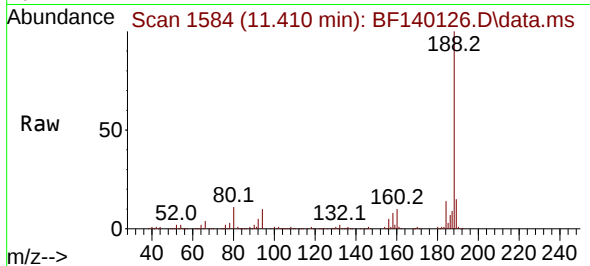




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

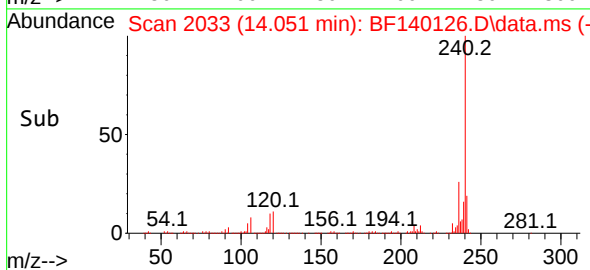
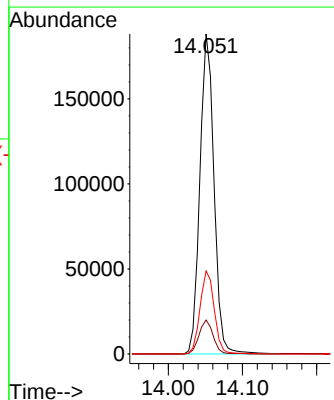
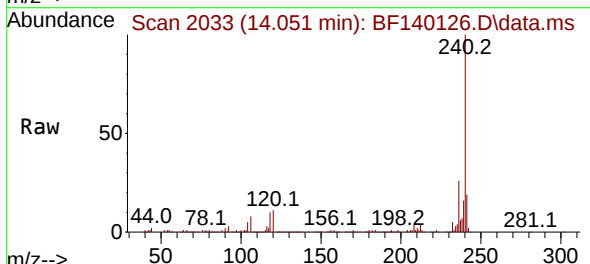
Instrument :
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Tgt Ion:188 Resp: 350468
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.6 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

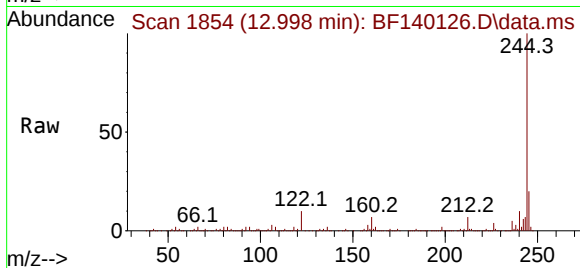
Tgt Ion:240 Resp: 248754
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 25.9 20.9 31.3



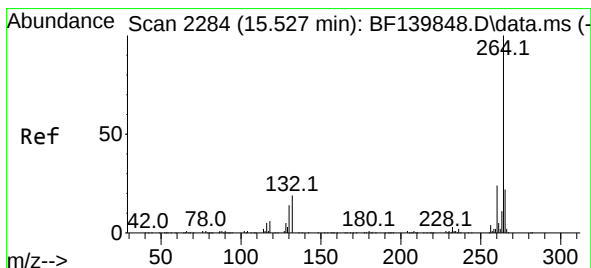
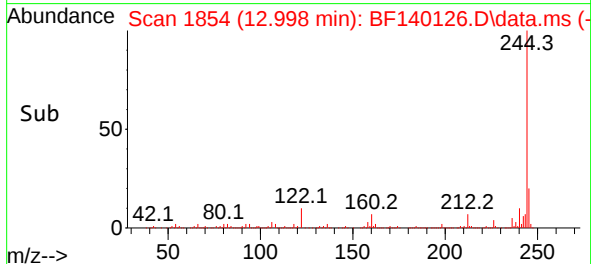
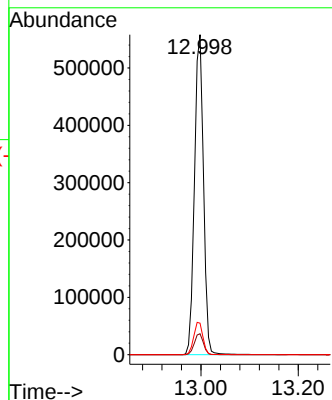


#79
Terphenyl-d14
Concen: 47.255 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

Instrument :
BNA_F
ClientSampleId :
BP-F-19



Tgt Ion:244 Resp: 721383
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 9.8 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. 0.012 min
Lab File: BF140126.D
Acq: 29 Oct 2024 21:39

Tgt Ion:264 Resp: 237714
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.1 17.4 26.0

