

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140014.D
 Acq On : 24 Oct 2024 21:33
 Operator : RC/JU
 Sample : P4460-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-303-BOT

Quant Time: Oct 25 01:09:48 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	78929	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	298852	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	160883	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	260924	20.000	ng	0.00
76) Chrysene-d12	14.045	240	149255	20.000	ng	0.00
86) Perylene-d12	15.527	264	181569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	703413	139.516	ng	0.02
7) Phenol-d6	6.510	99	824544	126.271	ng	0.00
23) Nitrobenzene-d5	7.451	82	635398	117.838	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	261706	173.908	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1163890	119.563	ng	0.00
79) Terphenyl-d14	12.998	244	950993	103.824	ng	0.00

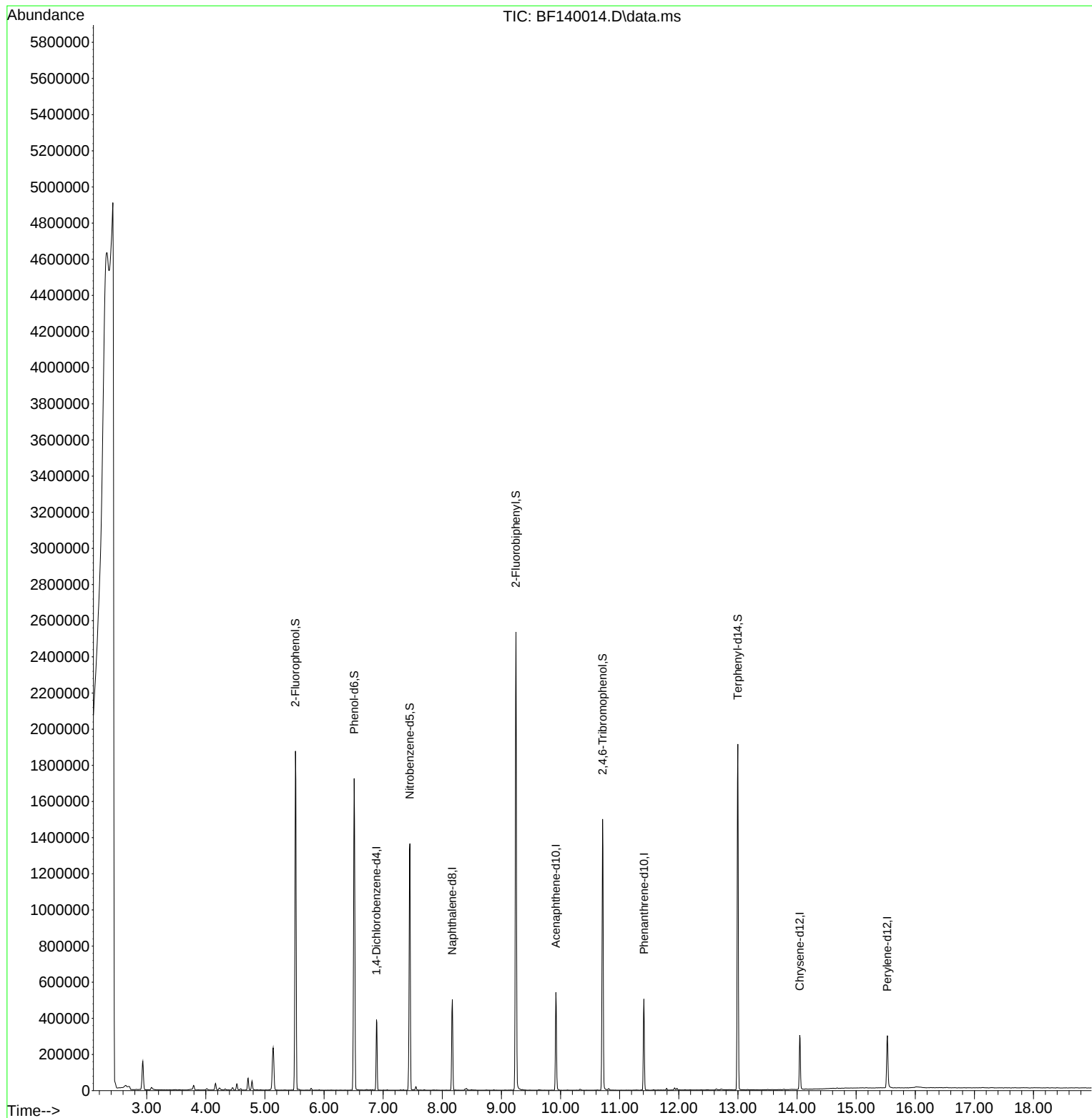
Target Compounds	Qvalue

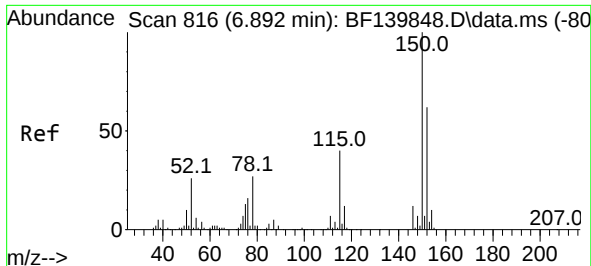
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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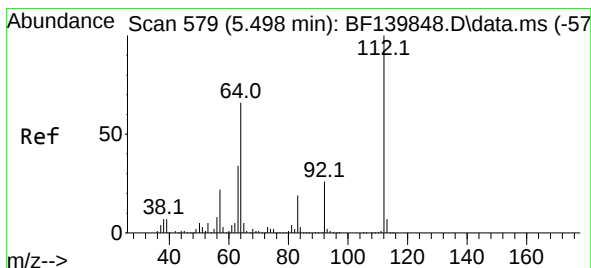
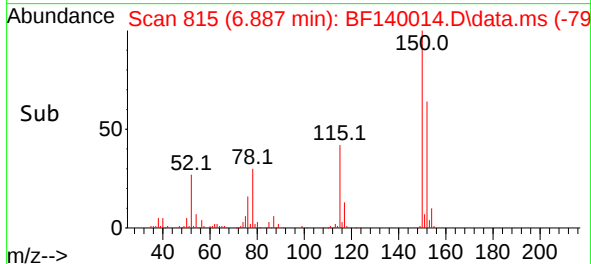
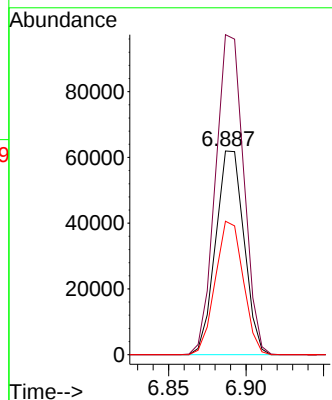
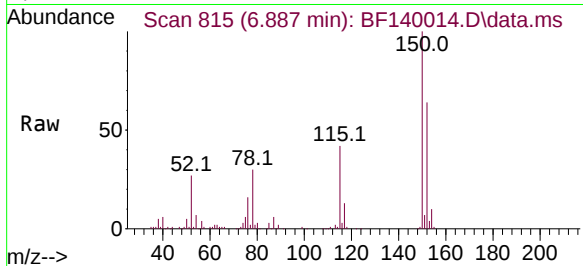




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

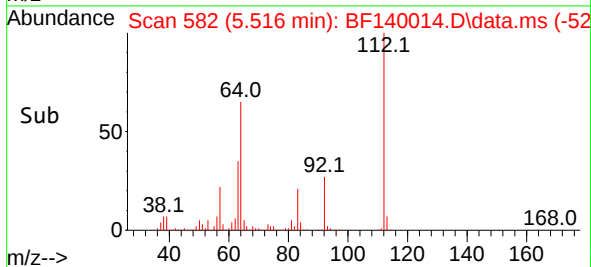
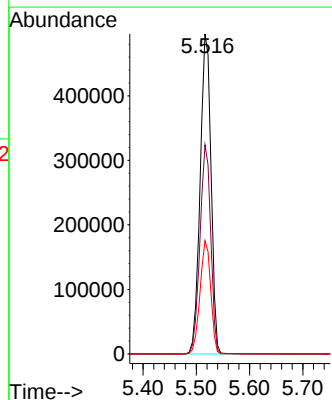
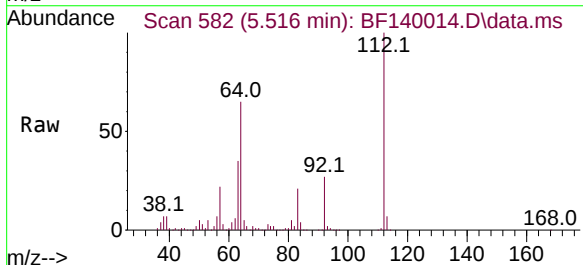
Instrument :
BNA_F
ClientSampleId :
WB-303-BOT

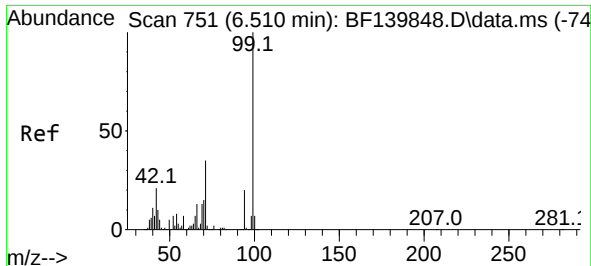
Tgt Ion:152 Resp: 78929
Ion Ratio Lower Upper
152 100
150 157.1 130.2 195.2
115 65.5 51.4 77.2



#5
2-Fluorophenol
Concen: 139.516 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

Tgt Ion:112 Resp: 703413
Ion Ratio Lower Upper
112 100
64 65.3 53.0 79.6
63 35.4 27.0 40.4

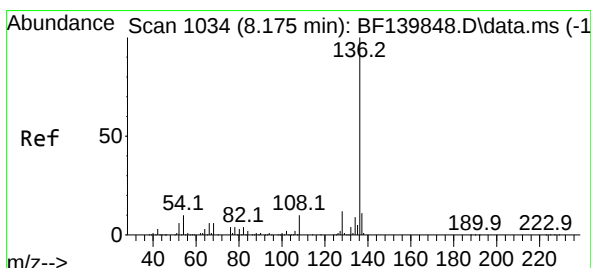
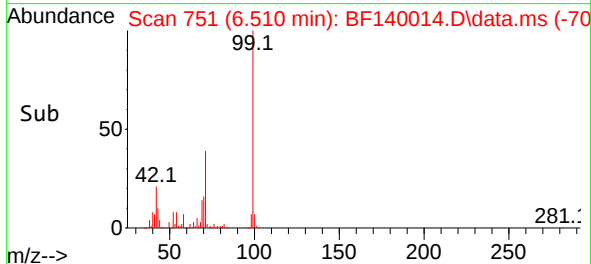
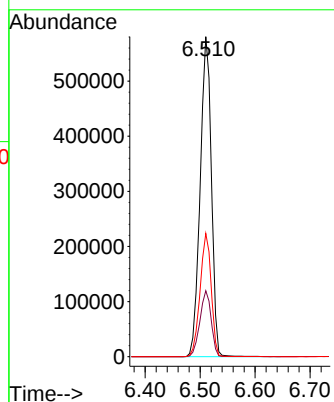
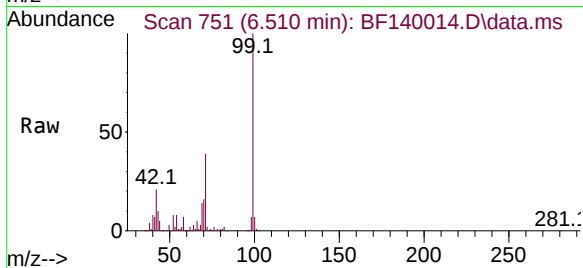




#7
Phenol-d6
Concen: 126.271 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

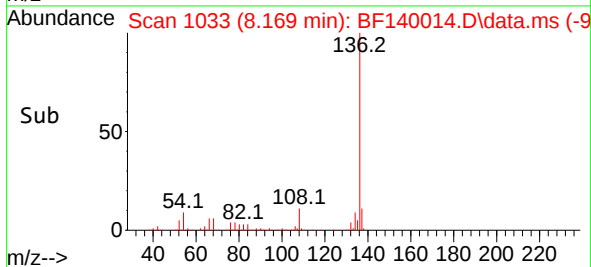
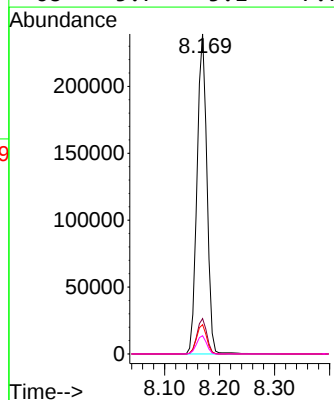
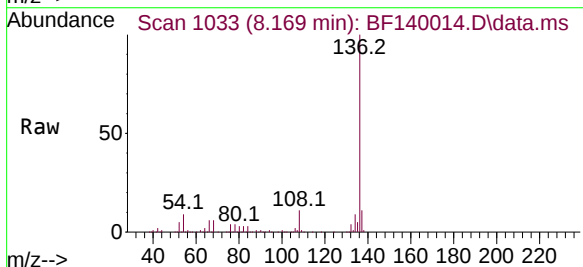
Instrument :
BNA_F
ClientSampleId :
WB-303-BOT

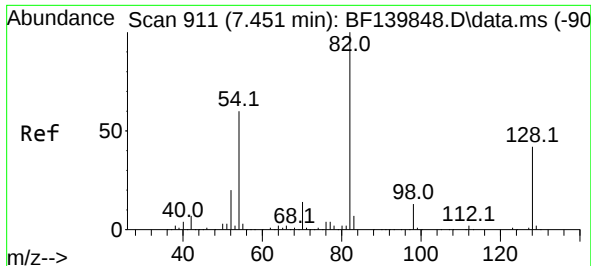
Tgt Ion: 99 Resp: 824544
Ion Ratio Lower Upper
99 100
42 20.6 16.7 25.1
71 38.5 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

Tgt Ion: 136 Resp: 298852
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.2 8.4 12.6
68 5.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 117.838 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140014.D

Acq: 24 Oct 2024 21:33

Instrument :

BNA_F

ClientSampleId :

WB-303-BOT

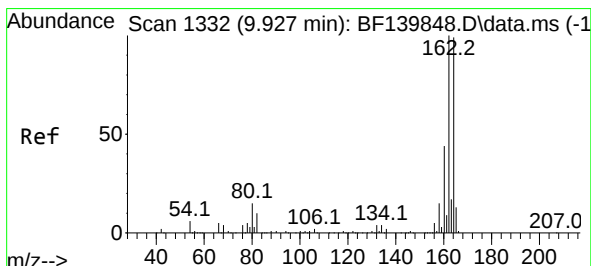
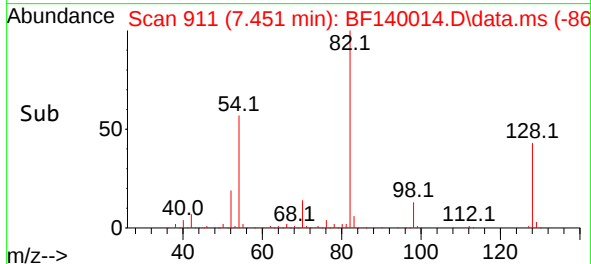
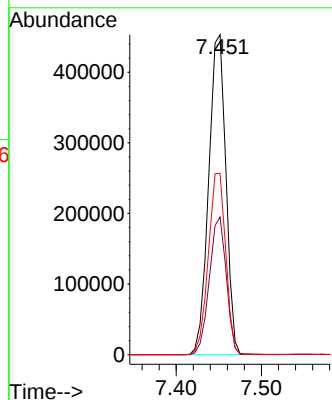
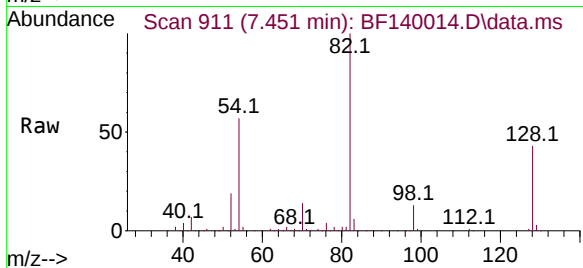
Tgt Ion: 82 Resp: 635398

Ion Ratio Lower Upper

82 100

128 43.0 33.4 50.0

54 56.7 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: BF140014.D

Acq: 24 Oct 2024 21:33

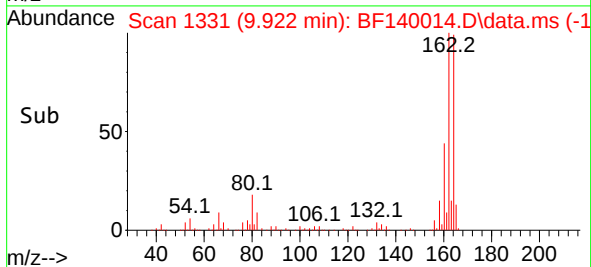
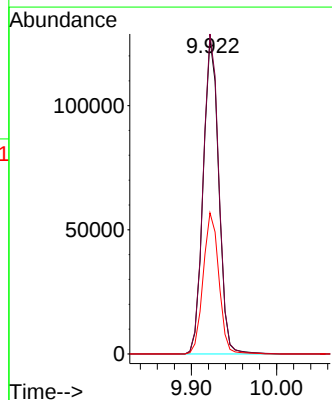
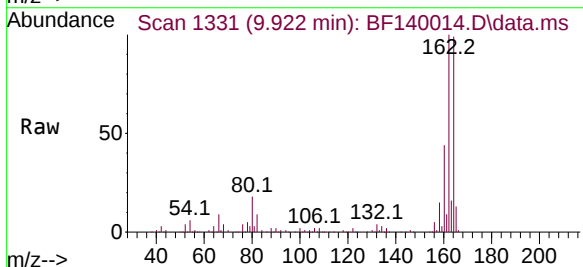
Tgt Ion:164 Resp: 160883

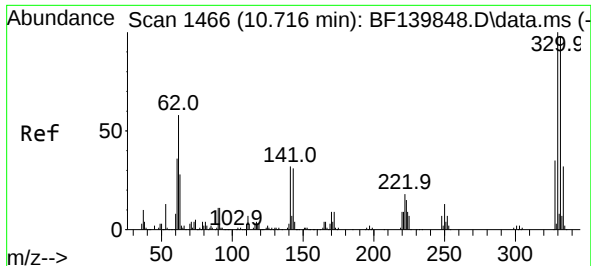
Ion Ratio Lower Upper

164 100

162 101.5 81.0 121.4

160 44.8 35.4 53.0

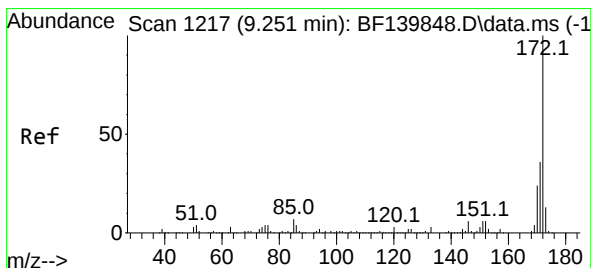
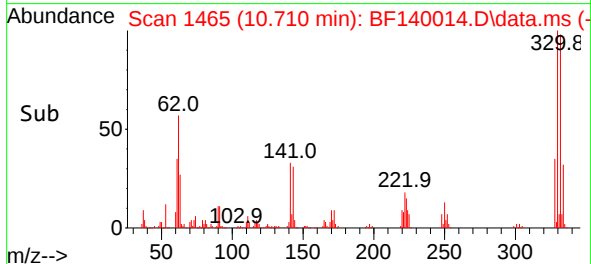
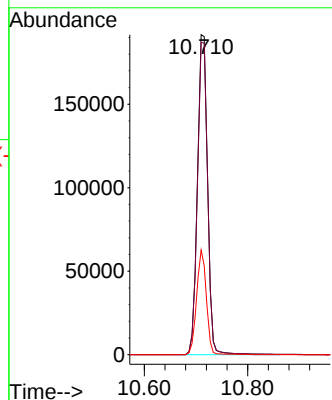
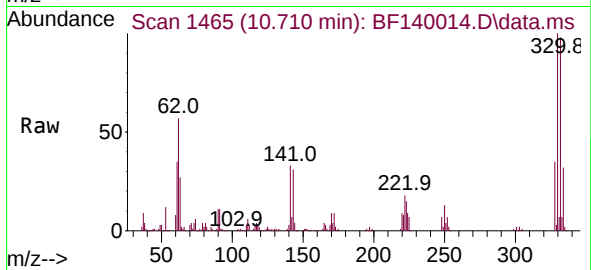




#42
2,4,6-Tribromophenol
Concen: 173.908 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

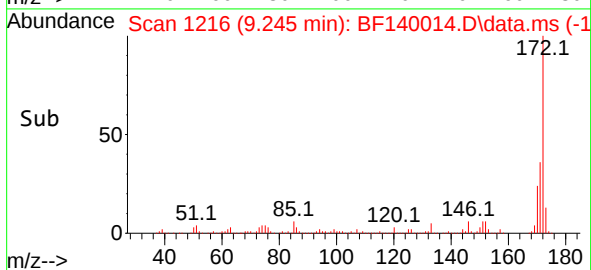
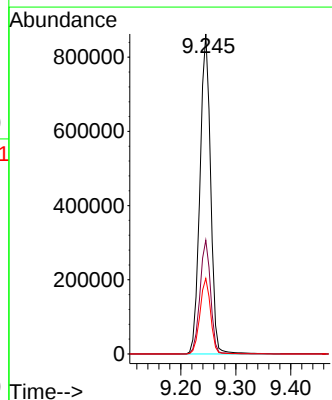
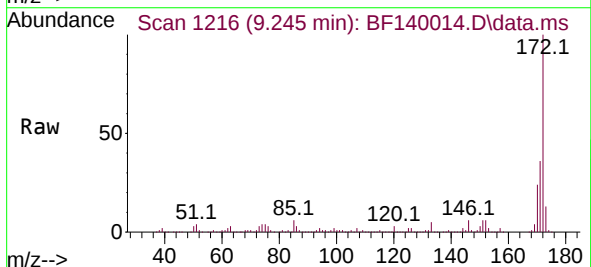
Instrument :
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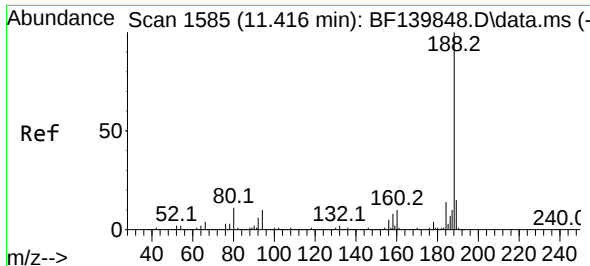
Tgt Ion:330 Resp: 261706
Ion Ratio Lower Upper
330 100
332 97.6 78.1 117.1
141 31.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 119.563 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

Tgt Ion:172 Resp: 1163890
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.6 19.1 28.7

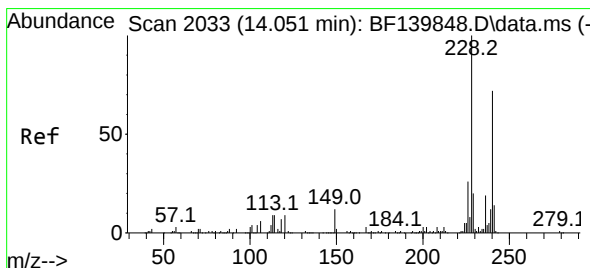
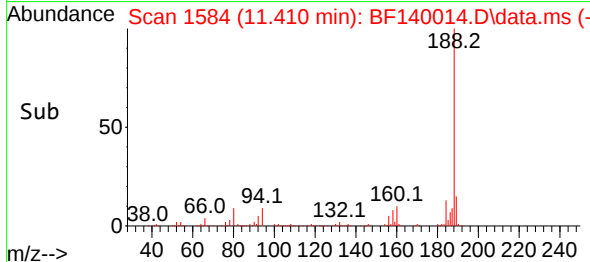
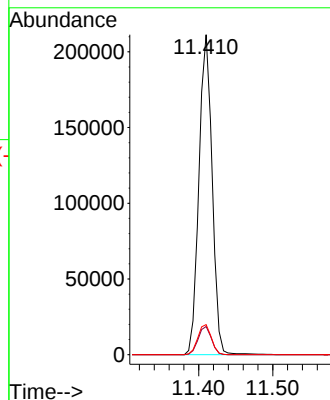
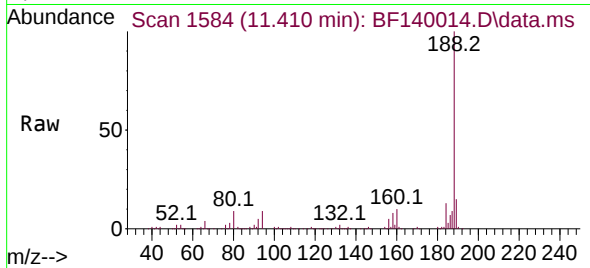




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

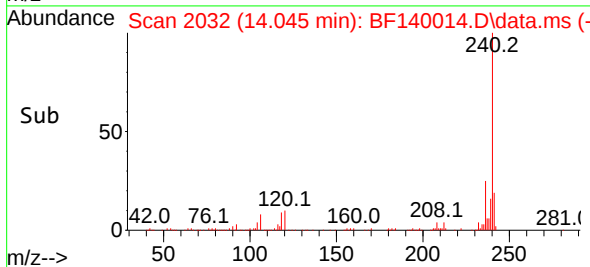
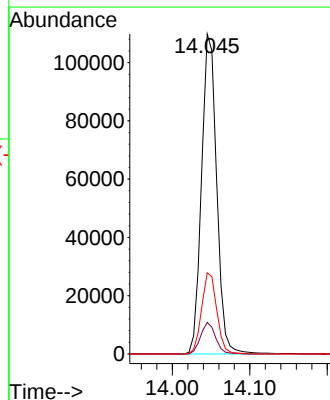
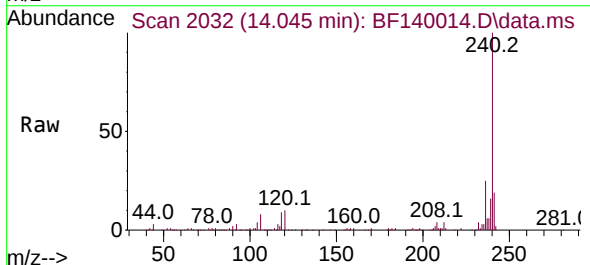
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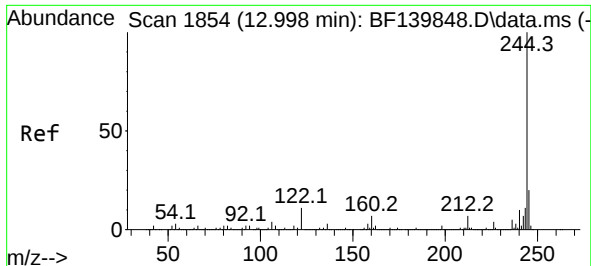
Tgt Ion:188 Resp: 260924
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.4 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

Tgt Ion:240 Resp: 149255
Ion Ratio Lower Upper
240 100
120 9.8 9.4 14.2
236 25.3 20.9 31.3

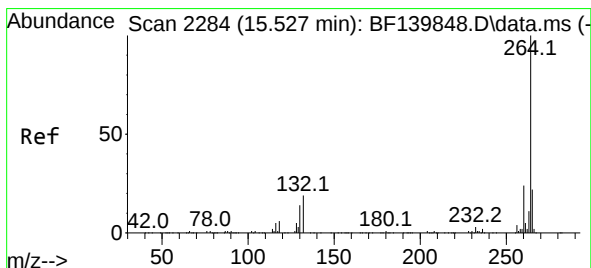
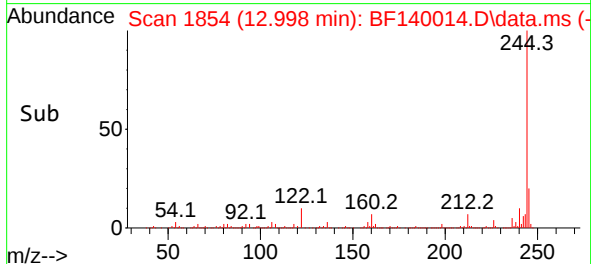
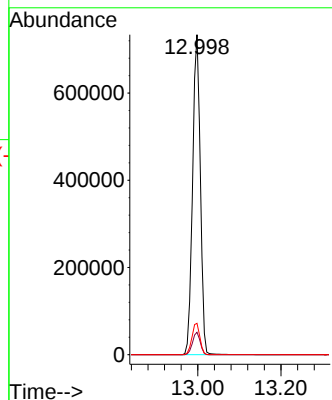
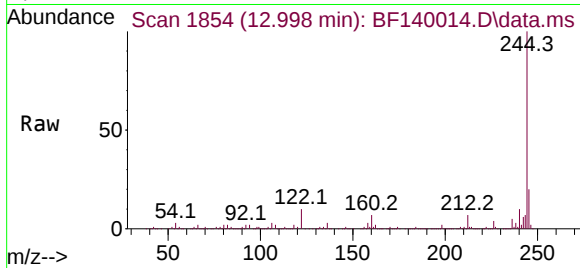




#79
 Terphenyl-d14
 Concen: 103.824 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140014.D
 Acq: 24 Oct 2024 21:33

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 950993
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF140014.D
 Acq: 24 Oct 2024 21:33

Tgt Ion:264 Resp: 181569
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.2 17.4 26.0

