

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140162.D
 Acq On : 30 Oct 2024 17:20
 Operator : RC/JU
 Sample : P4611-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 01 02:17:18 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	6.881	152	90472	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	336565	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	166370	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	243409	20.000	ng	0.00
76) Chrysene-d12	14.069	240	181975	20.000	ng	0.02
86) Perylene-d12	15.586	264	186922	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	463278	80.164	ng	0.00
7) Phenol-d6	6.498	99	600169	80.184	ng	-0.01
23) Nitrobenzene-d5	7.440	82	407376	67.084	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	122862	78.951	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	703050	69.840	ng	-0.01
79) Terphenyl-d14	13.004	244	545138	48.814	ng	0.00

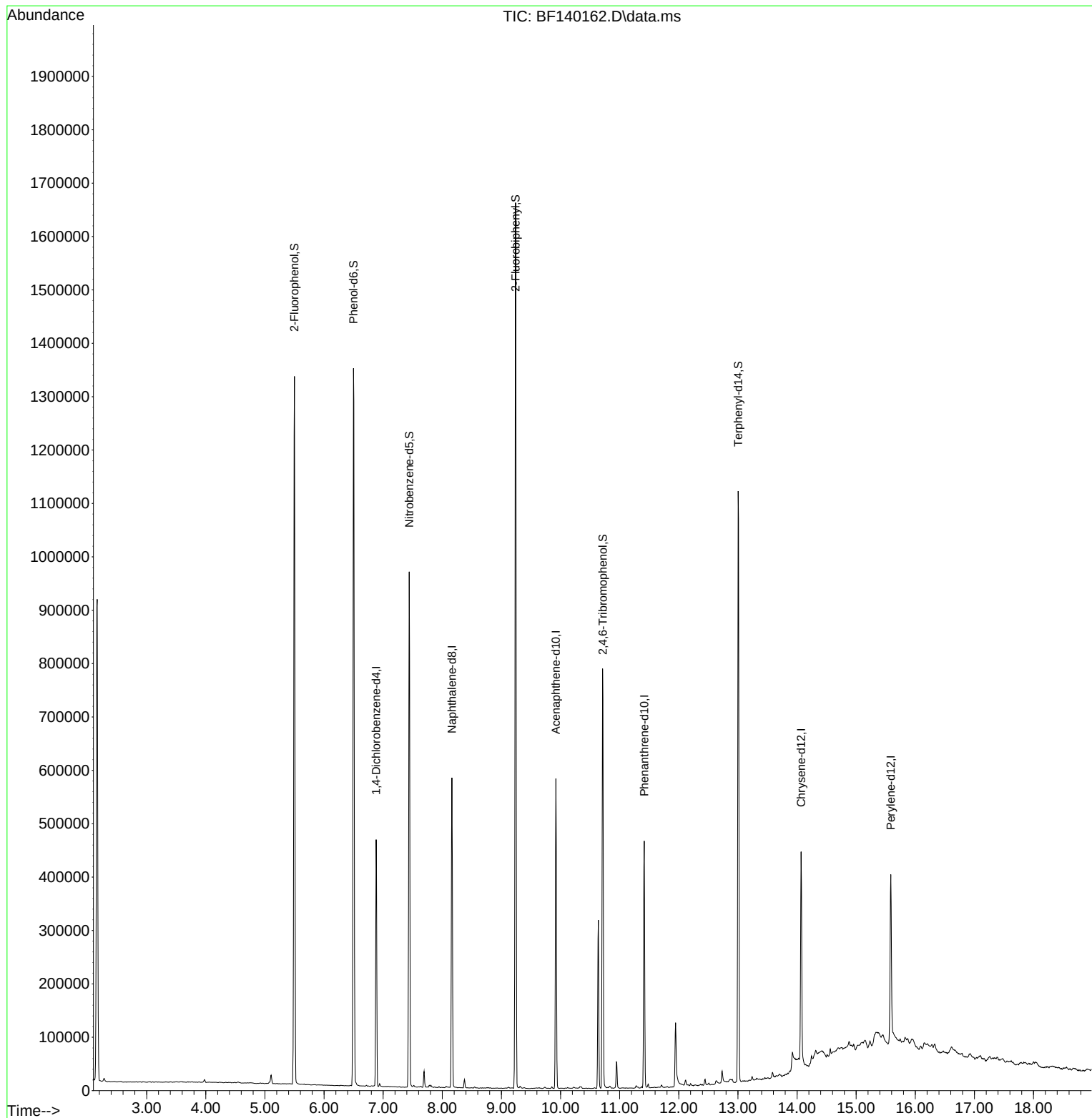
Target Compounds	Qvalue

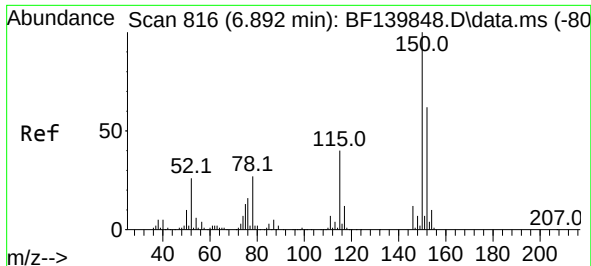
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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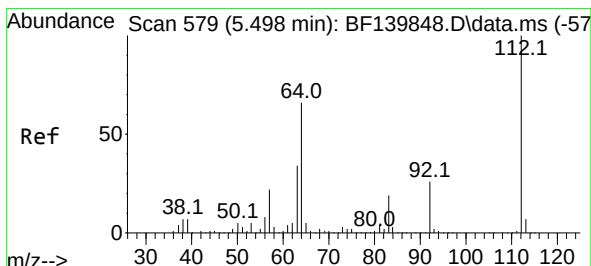
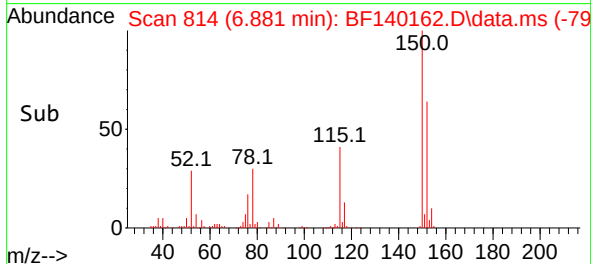
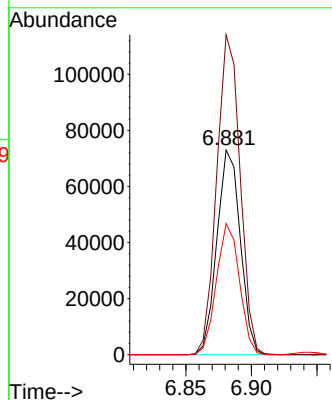
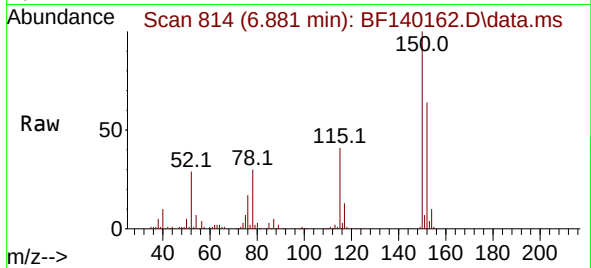




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

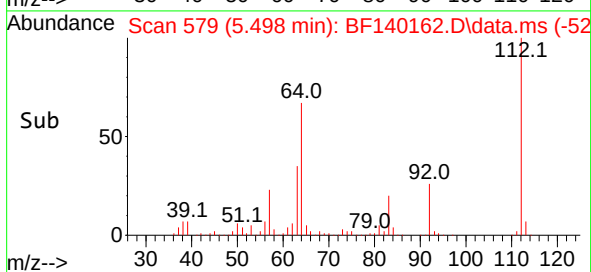
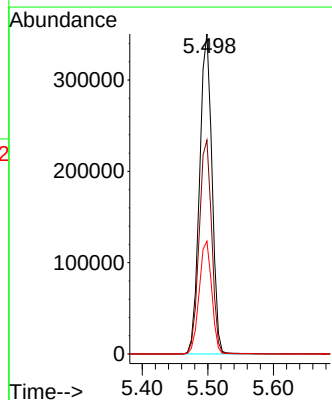
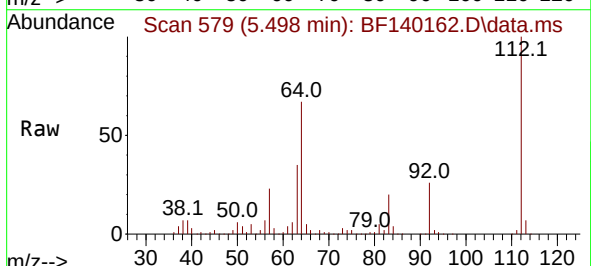
Instrument :
BNA_F
ClientSampleId :
TP-1

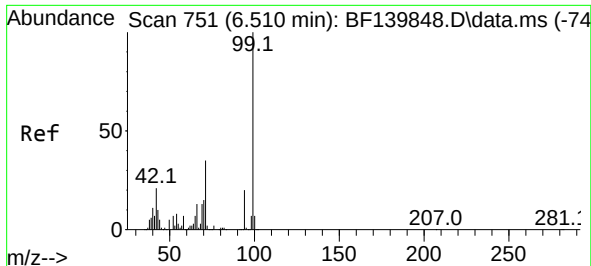
Tgt Ion:152 Resp: 90472
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 64.0 51.4 77.2



#5
2-Fluorophenol
Concen: 80.164 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

Tgt Ion:112 Resp: 463278
Ion Ratio Lower Upper
112 100
64 66.8 53.0 79.6
63 35.3 27.0 40.4

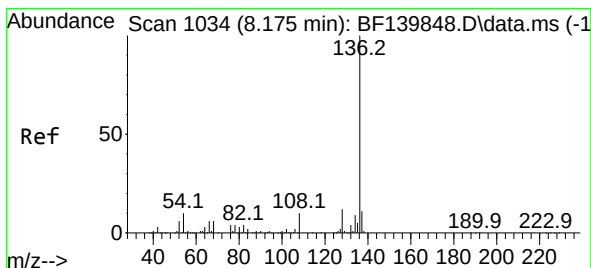
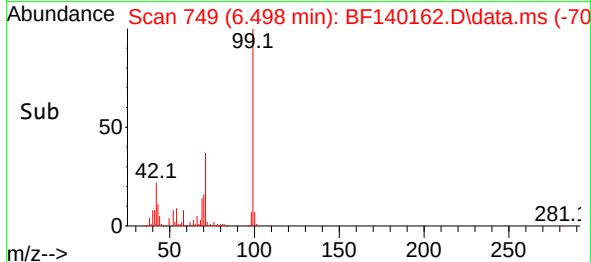
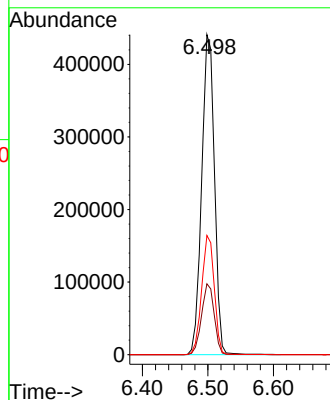
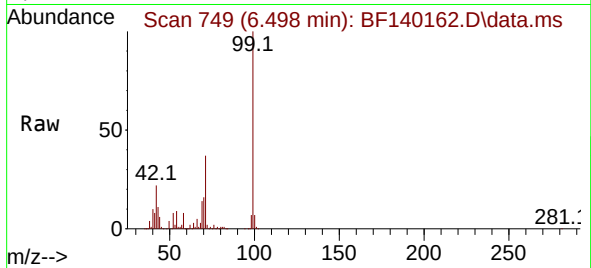




#7
Phenol-d6
Concen: 80.184 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

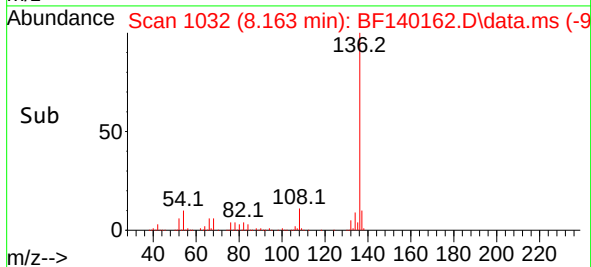
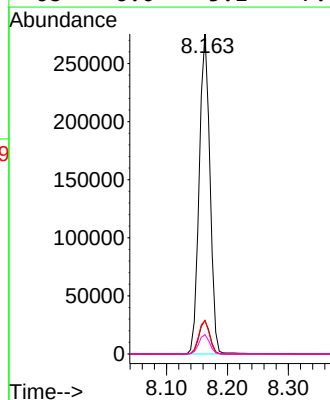
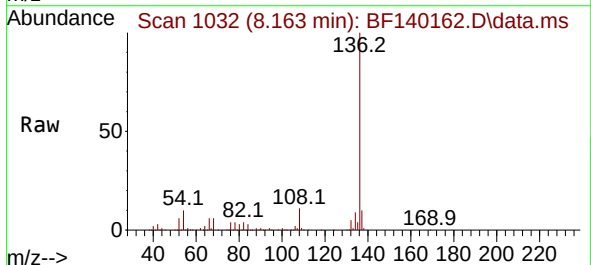
Instrument :
BNA_F
ClientSampleId :
TP-1

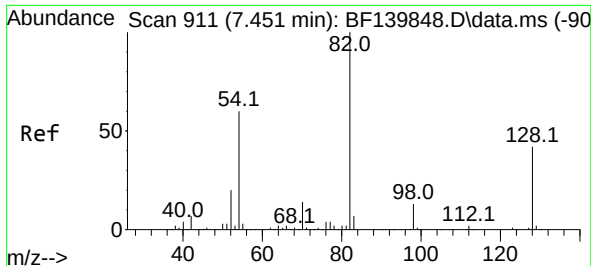
Tgt Ion: 99 Resp: 600169
Ion Ratio Lower Upper
99 100
42 22.2 16.7 25.1
71 37.3 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

Tgt Ion: 136 Resp: 336565
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 10.5 8.4 12.6
68 6.0 5.1 7.7





#23

Nitrobenzene-d5

Concen: 67.084 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140162.D

Acq: 30 Oct 2024 17:20

Instrument :

BNA_F

ClientSampleId :

TP-1

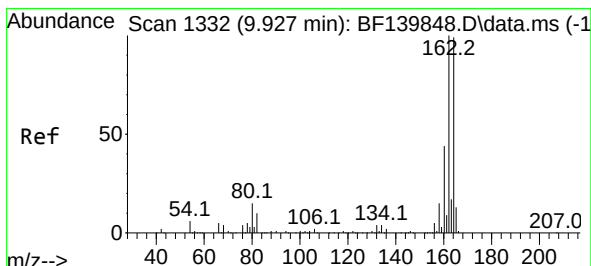
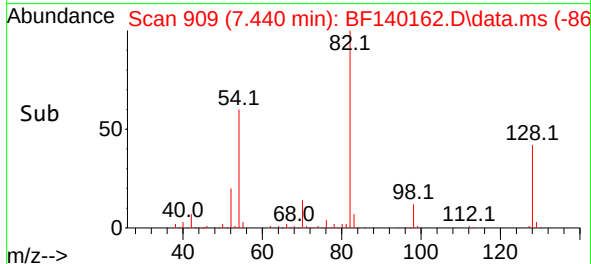
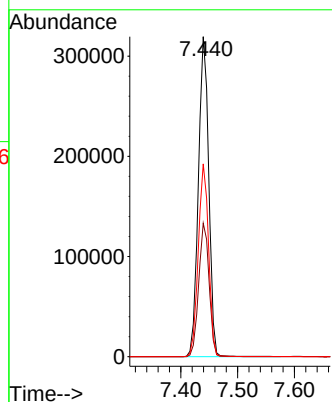
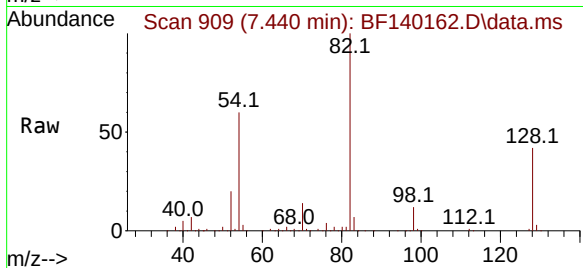
Tgt Ion: 82 Resp: 407376

Ion Ratio Lower Upper

82 100

128 41.7 33.4 50.0

54 60.2 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: BF140162.D

Acq: 30 Oct 2024 17:20

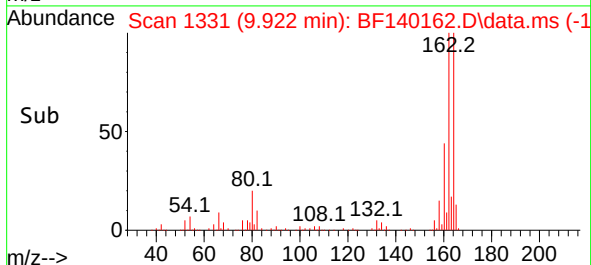
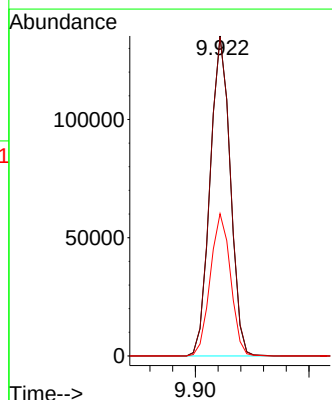
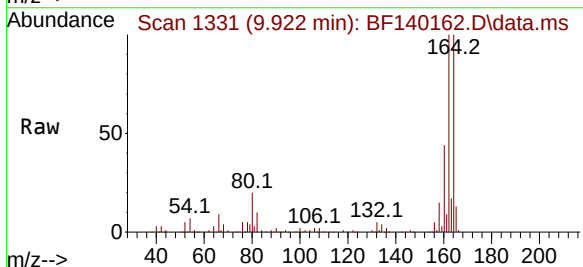
Tgt Ion:164 Resp: 166370

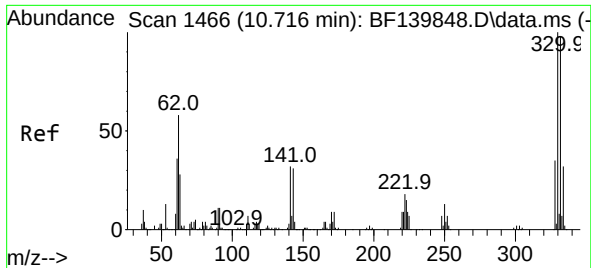
Ion Ratio Lower Upper

164 100

162 99.8 81.0 121.4

160 44.5 35.4 53.0

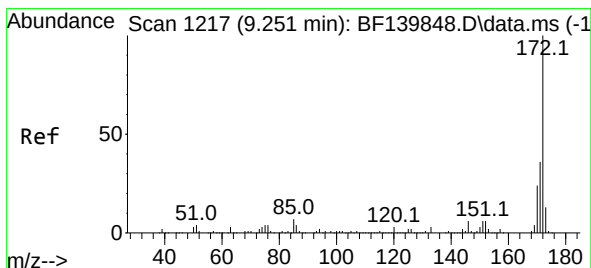
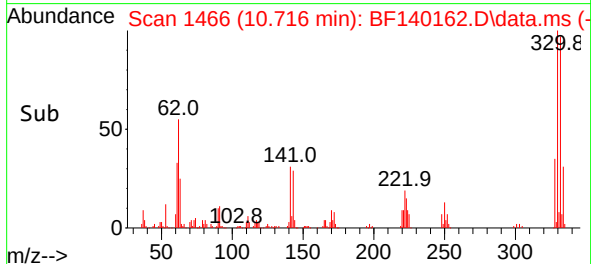
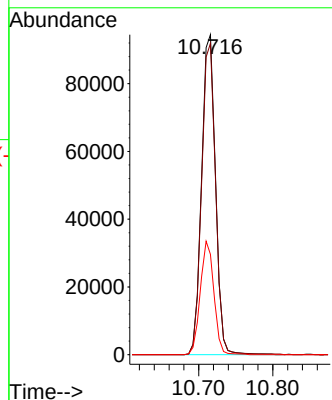
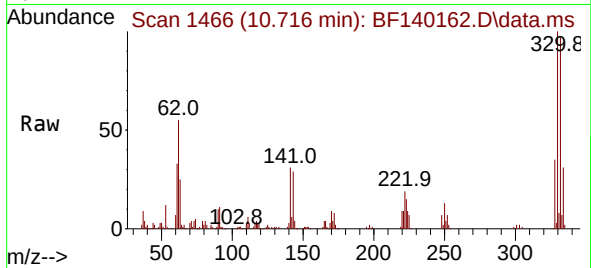




#42
2,4,6-Tribromophenol
Concen: 78.951 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

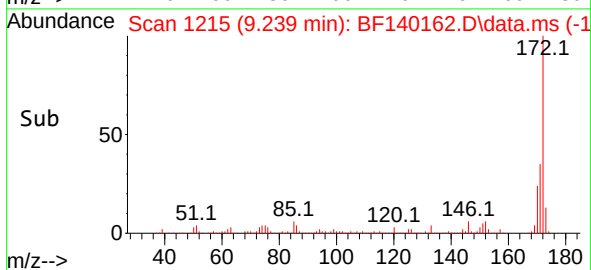
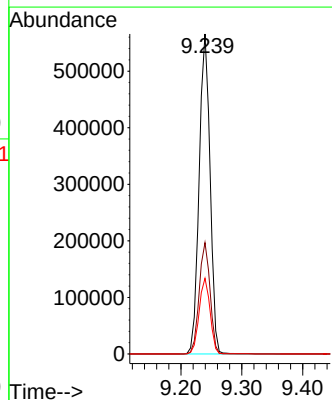
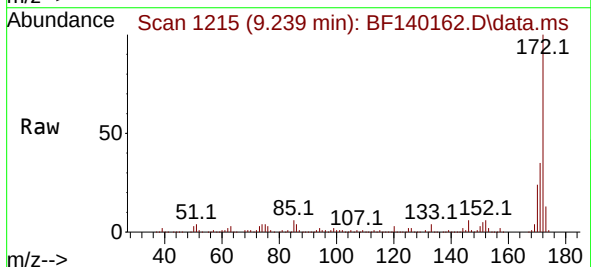
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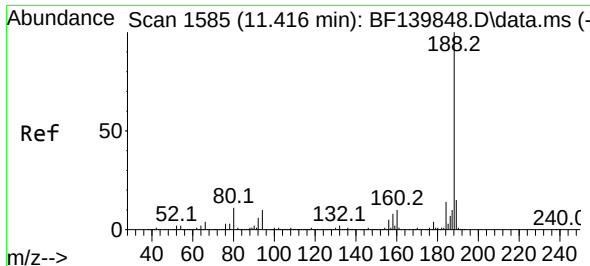
Tgt Ion: 330 Resp: 122862
Ion Ratio Lower Upper
330 100
332 97.6 78.1 117.1
141 34.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 69.840 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

Tgt Ion: 172 Resp: 703050
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.7 19.1 28.7

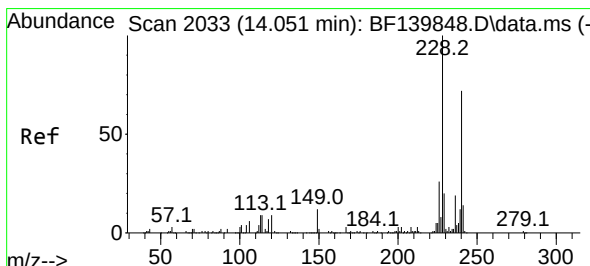
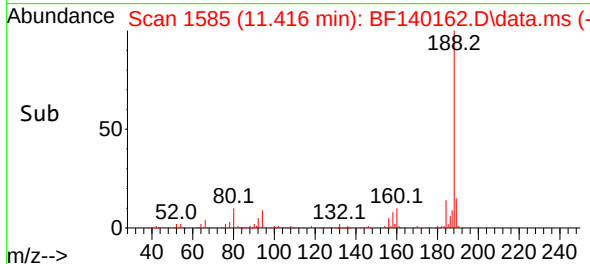
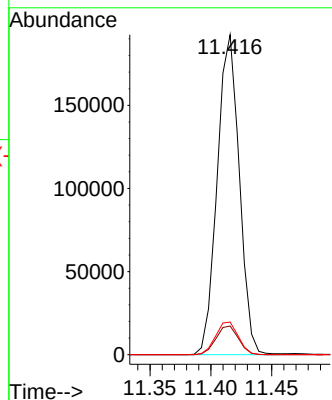
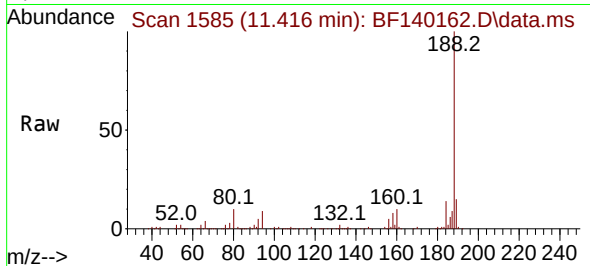




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

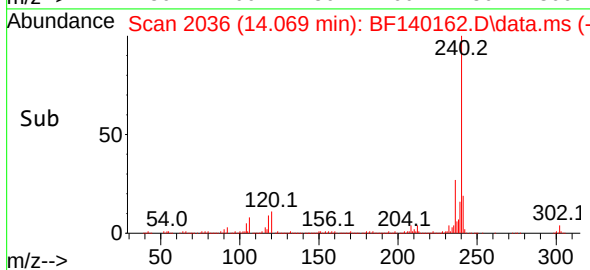
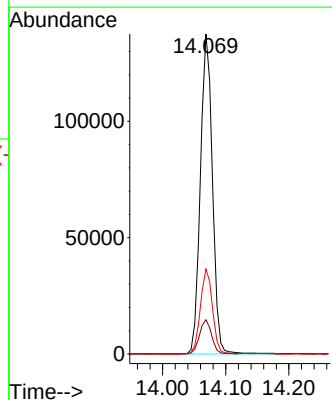
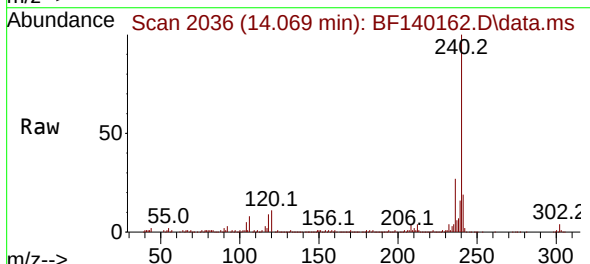
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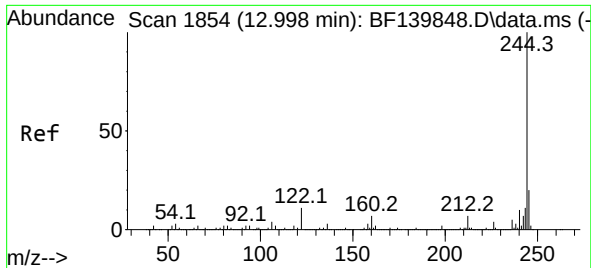
Tgt Ion:188 Resp: 243409
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 10.2 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140162.D
Acq: 30 Oct 2024 17:20

Tgt Ion:240 Resp: 181975
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 26.5 20.9 31.3

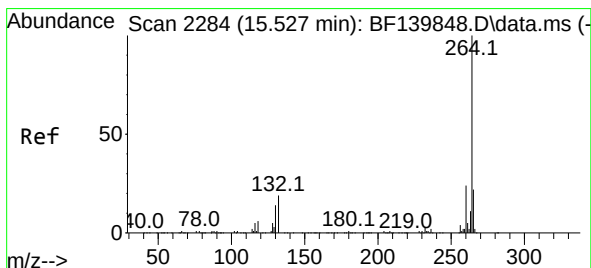
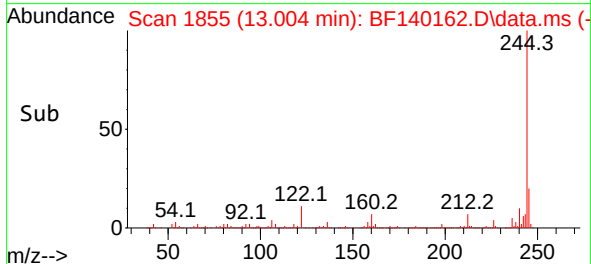
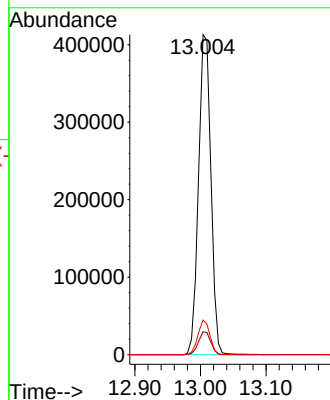
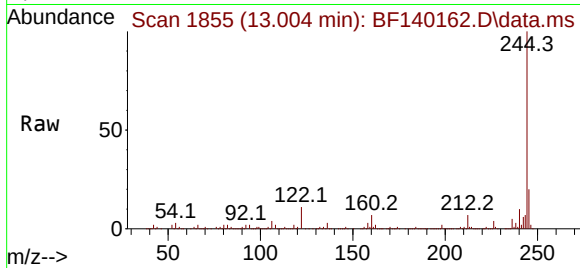




#79
 Terphenyl-d14
 Concen: 48.814 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140162.D
 Acq: 30 Oct 2024 17:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 545138
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2294
 Delta R.T. 0.059 min
 Lab File: BF140162.D
 Acq: 30 Oct 2024 17:20

Tgt Ion:264 Resp: 186922
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.3 17.4 26.0

