

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140897.D
 Acq On : 18 Dec 2024 11:27
 Operator : RC/JU
 Sample : PB165648BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165648BL

Quant Time: Dec 18 11:55:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	76848	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	304412	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	183535	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	373254	20.000	ng	0.00
76) Chrysene-d12	14.027	240	284135	20.000	ng	0.00
86) Perylene-d12	15.527	264	222606	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	558701	119.681	ng	0.01
7) Phenol-d6	6.498	99	779978	126.146	ng	0.00
23) Nitrobenzene-d5	7.410	82	542013	89.082	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	259926	119.743	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1123659	84.173	ng	0.00
79) Terphenyl-d14	12.963	244	1401330	77.770	ng	0.00

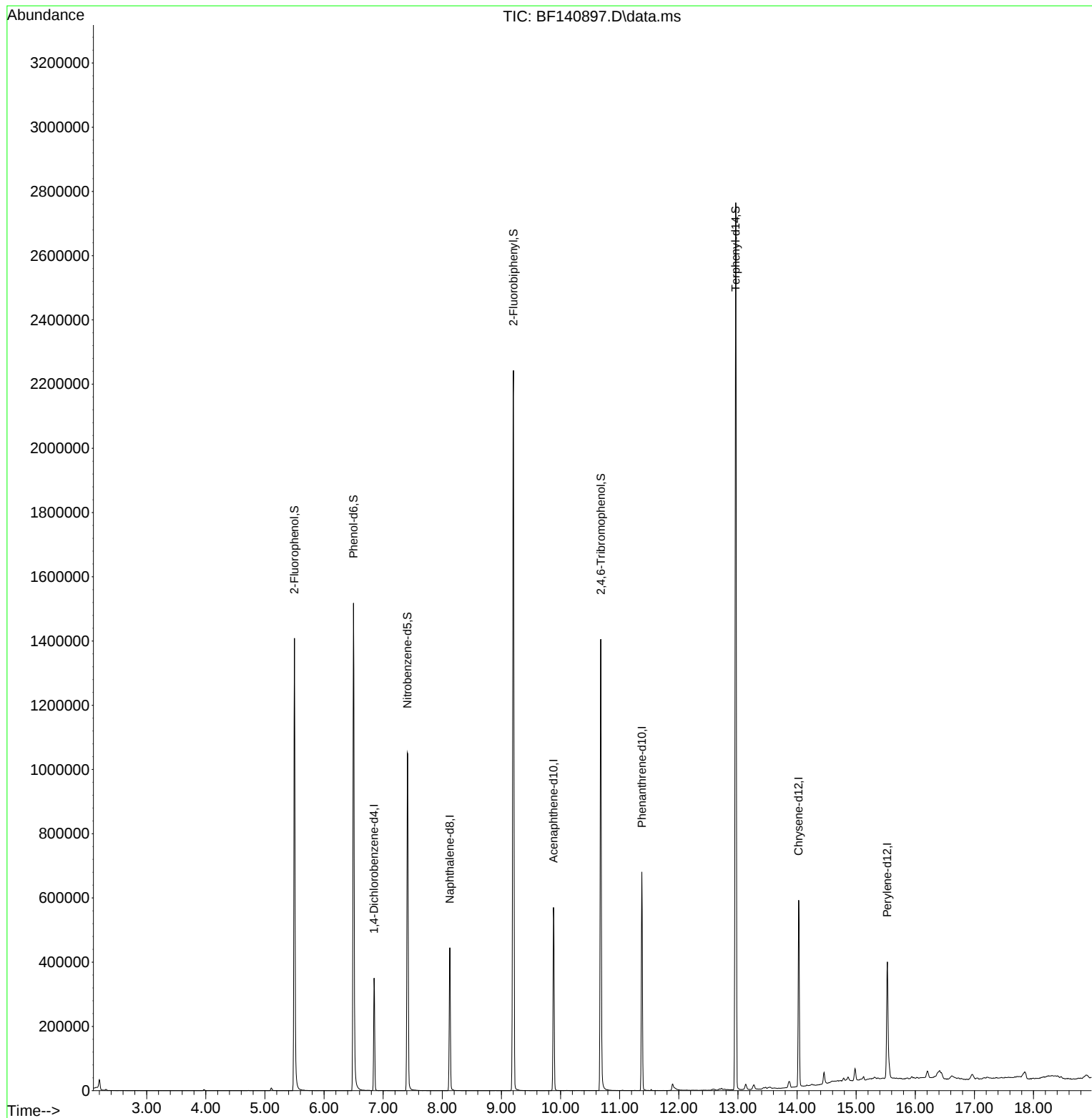
Target Compounds	Qvalue

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

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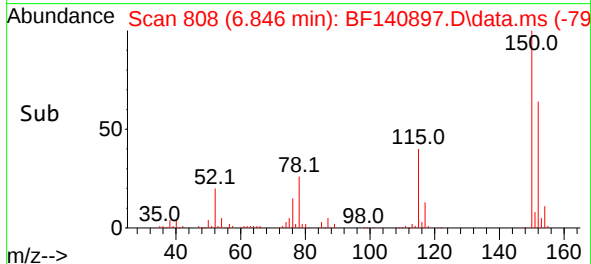
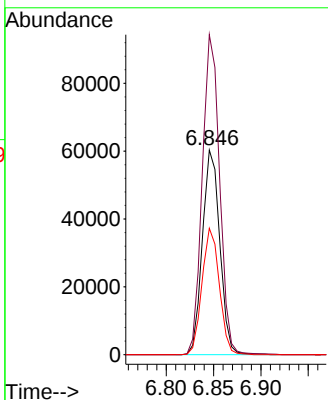
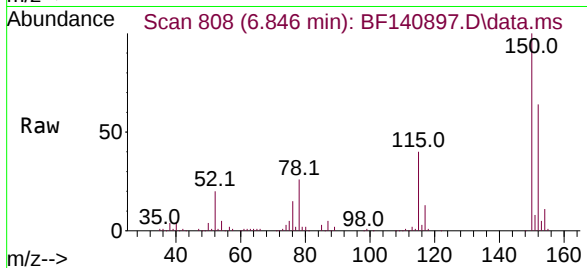




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

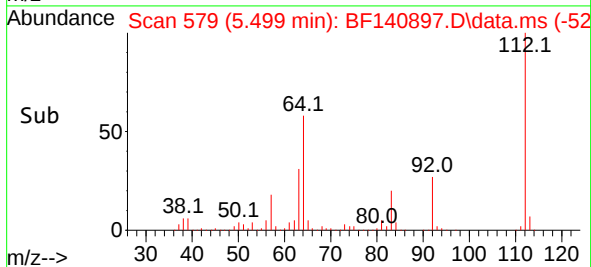
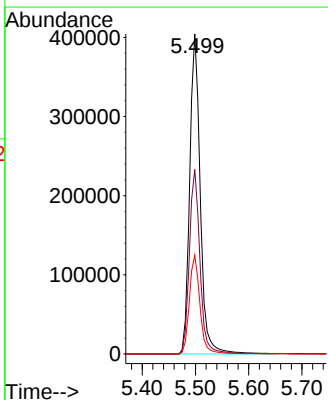
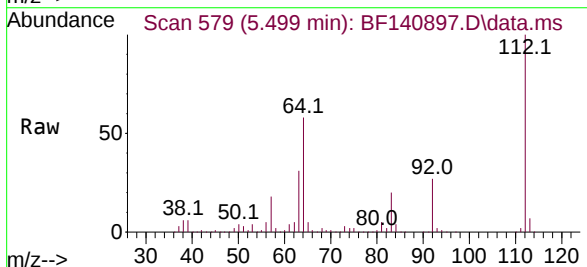
Instrument :
BNA_F
ClientSampleId :
PB165648BL

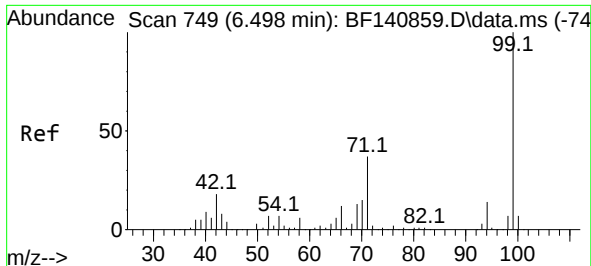
Tgt Ion:152 Resp: 76848
Ion Ratio Lower Upper
152 100
150 156.3 127.9 191.9
115 61.8 48.0 72.0



#5
2-Fluorophenol
Concen: 119.681 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

Tgt Ion:112 Resp: 558701
Ion Ratio Lower Upper
112 100
64 57.6 46.1 69.1
63 30.9 24.9 37.3

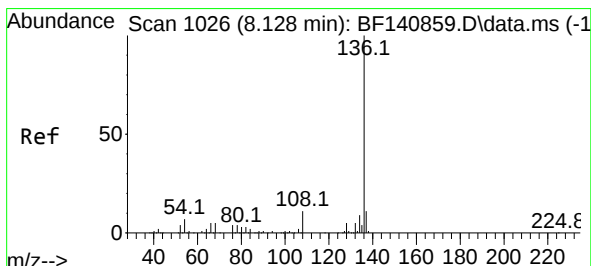
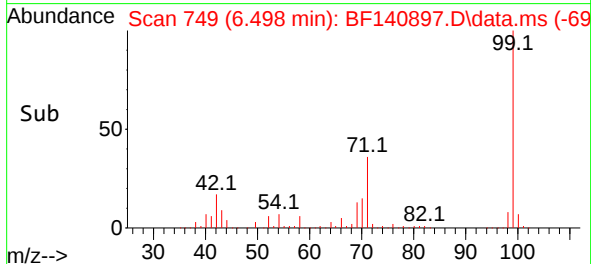
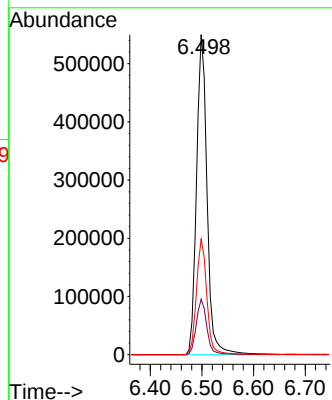
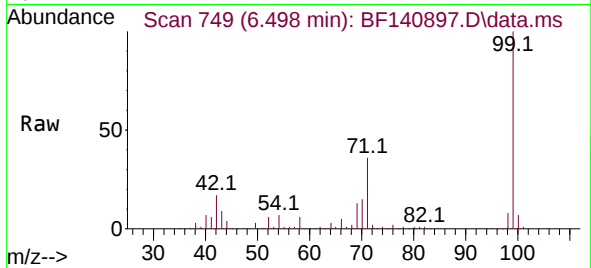




#7
Phenol-d6
Concen: 126.146 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

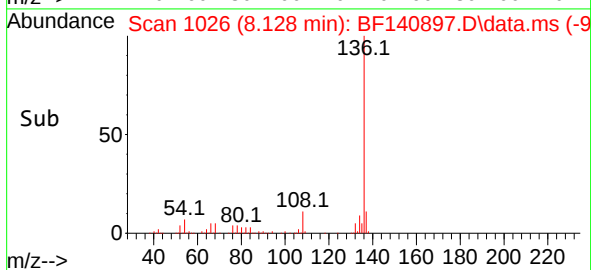
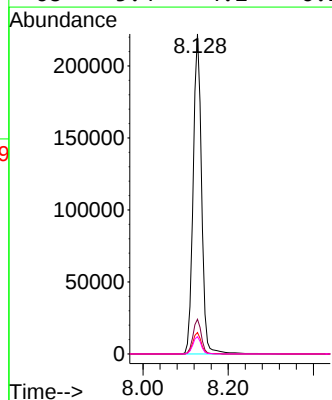
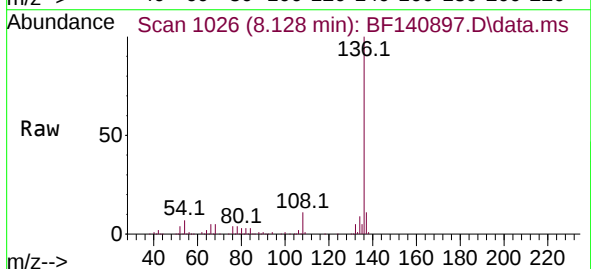
Instrument :
BNA_F
ClientSampleId :
PB165648BL

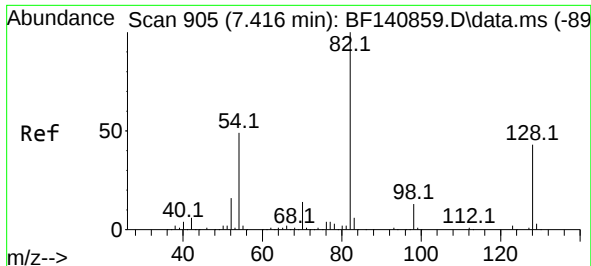
Tgt Ion: 99 Resp: 779978
Ion Ratio Lower Upper
99 100
42 17.3 14.3 21.5
71 36.1 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

Tgt Ion: 136 Resp: 304412
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.7 5.6 8.4
68 5.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 89.082 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF140897.D

Acq: 18 Dec 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB165648BL

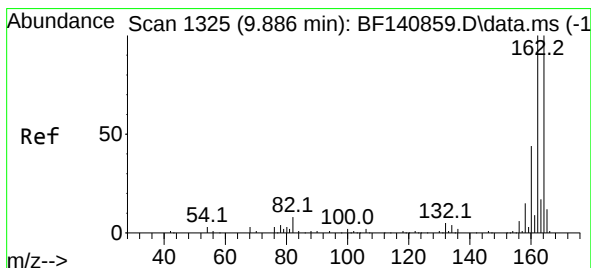
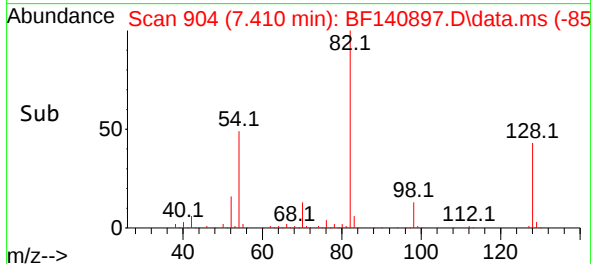
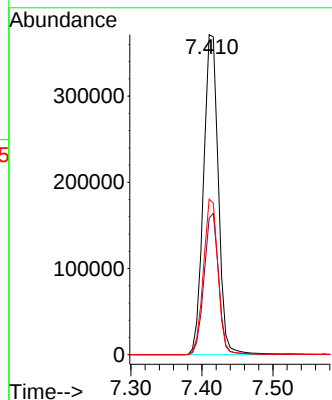
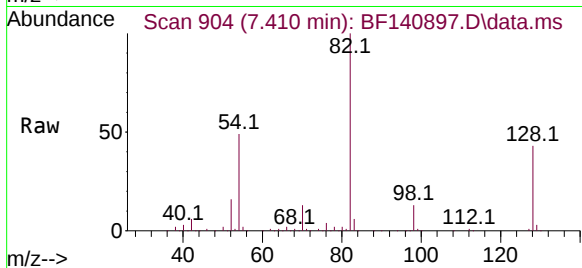
Tgt Ion: 82 Resp: 542013

Ion Ratio Lower Upper

82 100

128 42.7 34.4 51.6

54 48.6 38.8 58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF140897.D

Acq: 18 Dec 2024 11:27

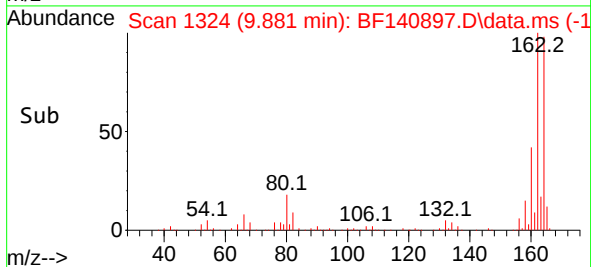
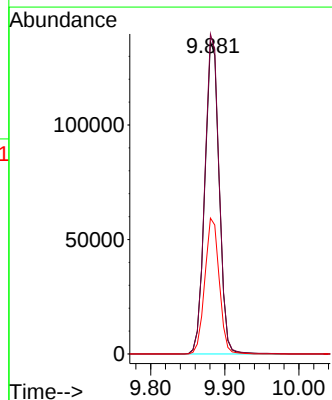
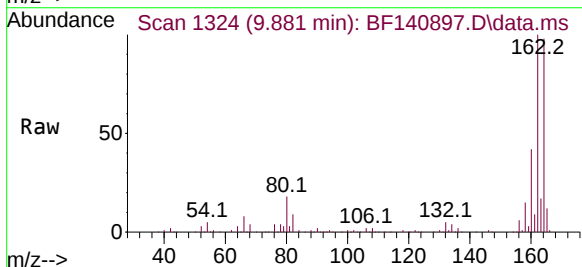
Tgt Ion:164 Resp: 183535

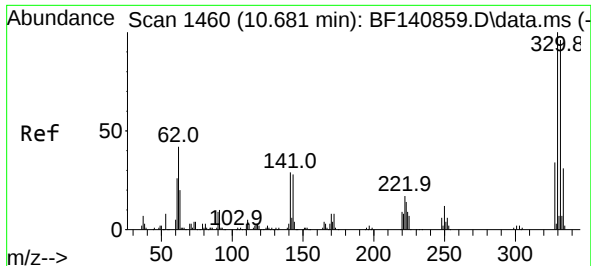
Ion Ratio Lower Upper

164 100

162 102.3 79.9 119.9

160 43.4 35.2 52.8

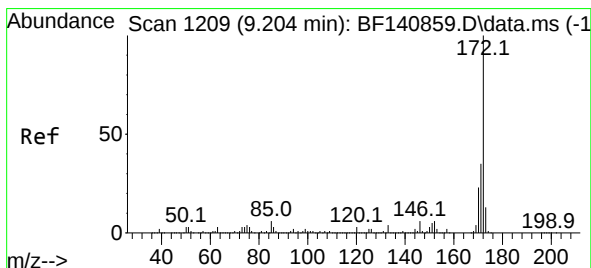
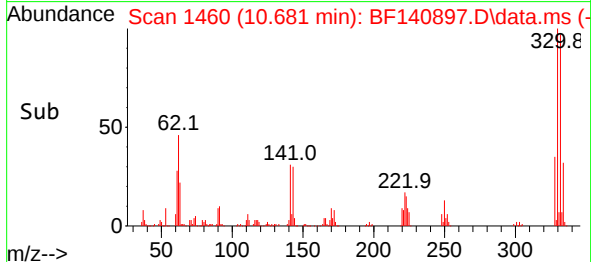
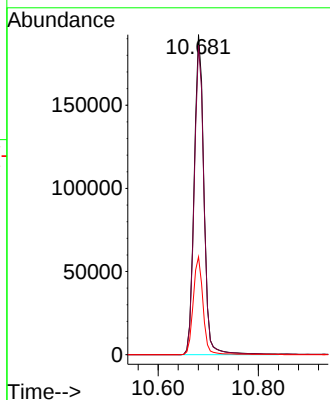
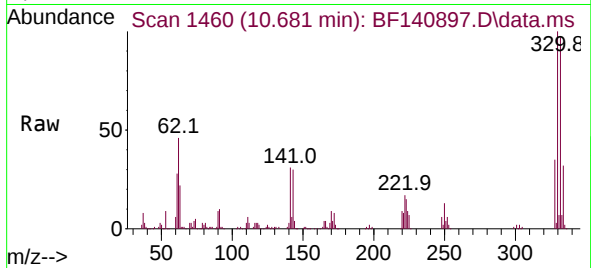




#42
2,4,6-Tribromophenol
Concen: 119.743 ng
RT: 10.681 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

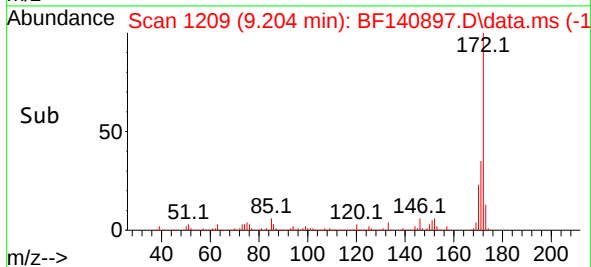
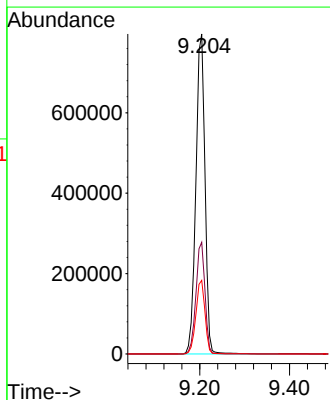
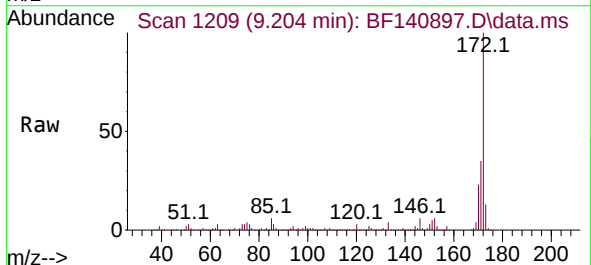
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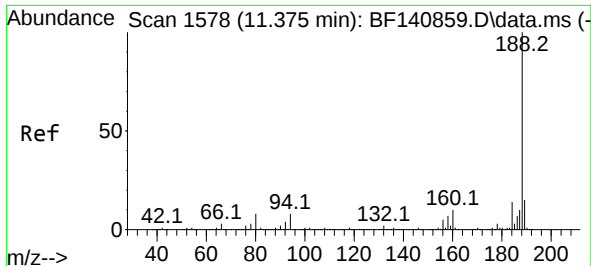
Tgt Ion:330 Resp: 259926
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 30.9 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 84.173 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

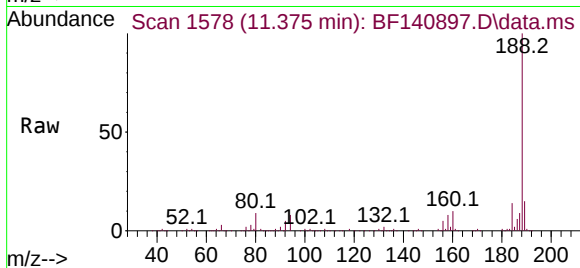
Tgt Ion:172 Resp: 1123659
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.0 18.6 28.0



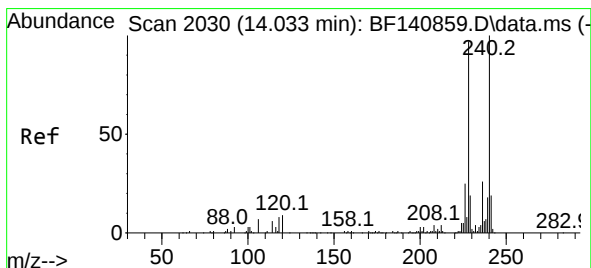
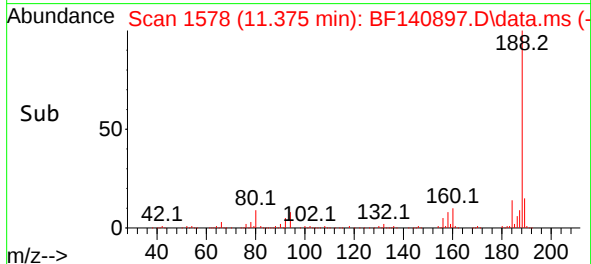
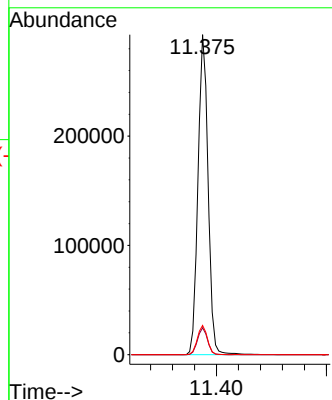


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

Instrument :
BNA_F
ClientSampleId :
PB165648BL

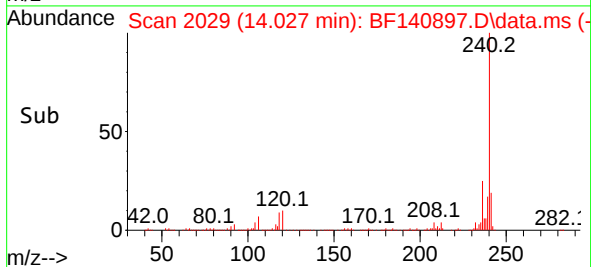
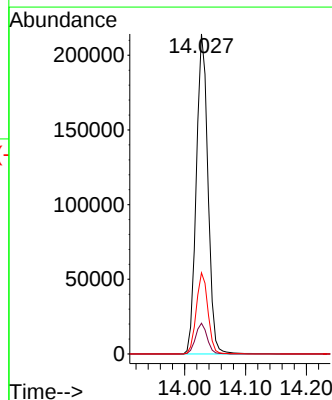
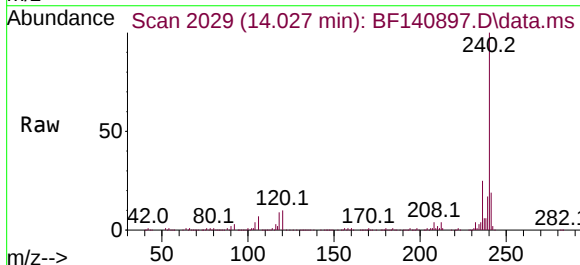


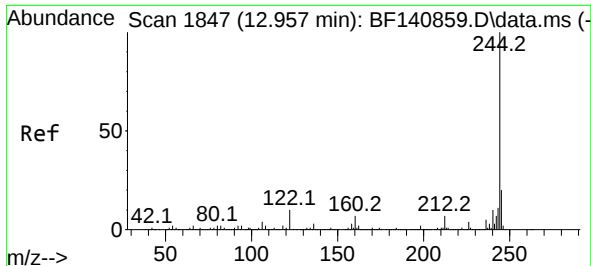
Tgt Ion:188 Resp: 373254
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

Tgt Ion:240 Resp: 284135
Ion Ratio Lower Upper
240 100
120 9.6 7.6 11.4
236 25.4 20.5 30.7

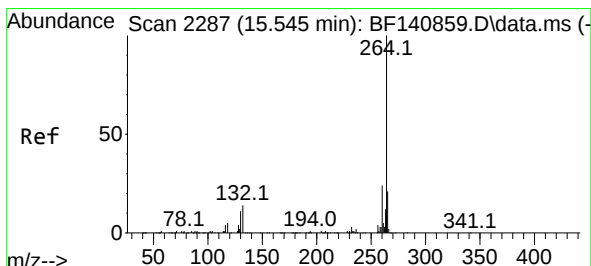
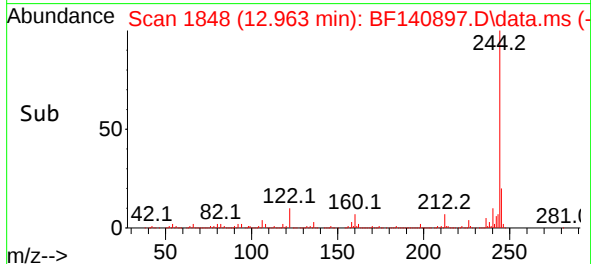
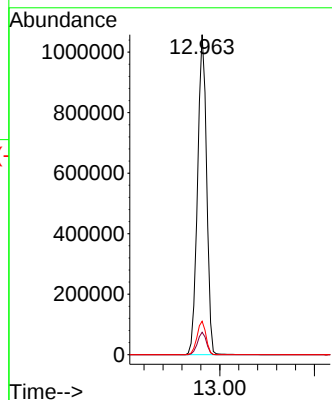
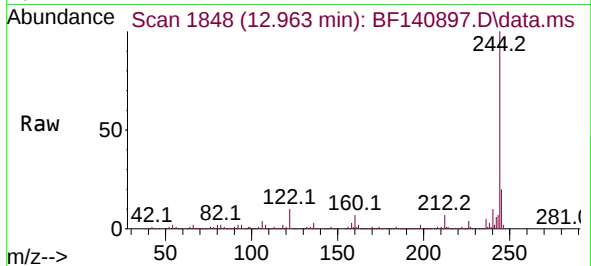




#79
 Terphenyl-d14
 Concen: 77.770 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140897.D
 Acq: 18 Dec 2024 11:27

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1401330
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.5 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.018 min
 Lab File: BF140897.D
 Acq: 18 Dec 2024 11:27

Tgt Ion:264 Resp: 222606
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.3 17.0 25.4

