

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140875.D
 Acq On : 17 Dec 2024 10:43
 Operator : RC/JU
 Sample : PB165623BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165623BL

Quant Time: Dec 17 11:16:49 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	6.845	152	71046	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	290274	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	145205	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	290900	20.000	ng	0.00
76) Chrysene-d12	14.021	240	197228	20.000	ng	-0.01
86) Perylene-d12	15.504	264	182284	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	593615	137.545	ng	0.00
7) Phenol-d6	6.492	99	755612	132.185	ng	0.00
23) Nitrobenzene-d5	7.410	82	513636	88.529	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	224186	130.541	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	991479	93.877	ng	0.00
79) Terphenyl-d14	12.957	244	1148291	91.808	ng	0.00

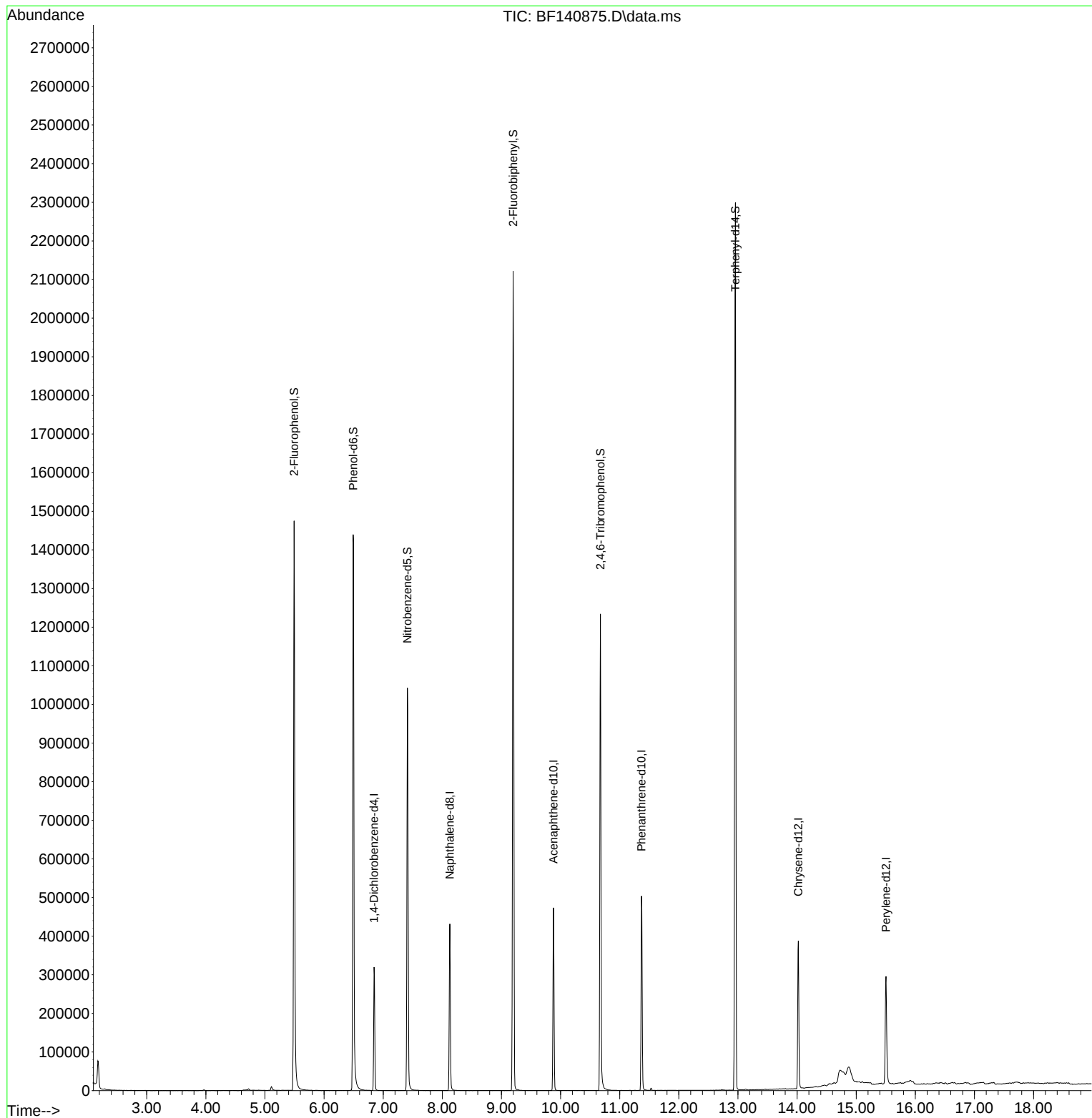
Target Compounds	Qvalue

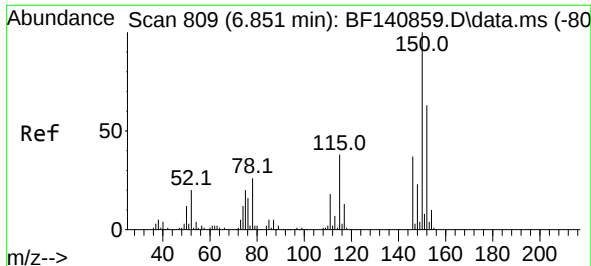
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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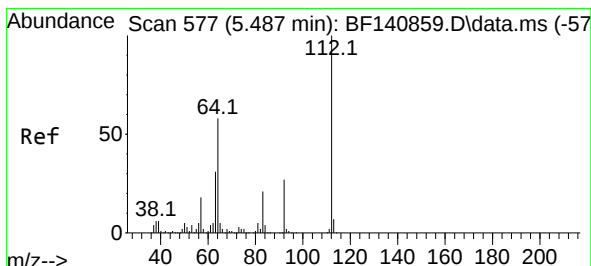
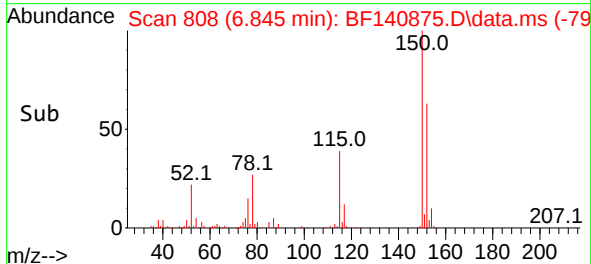
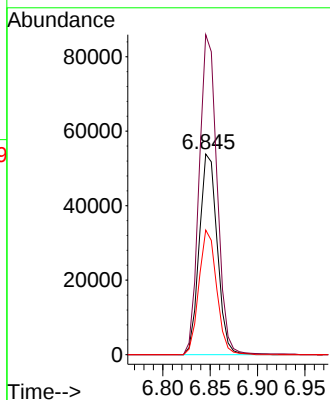
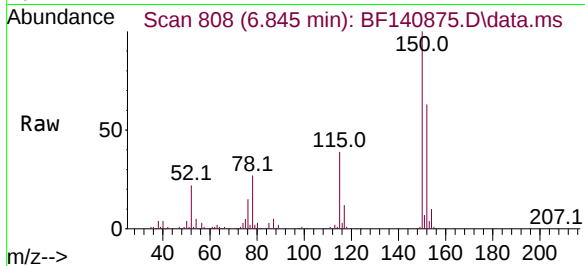




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

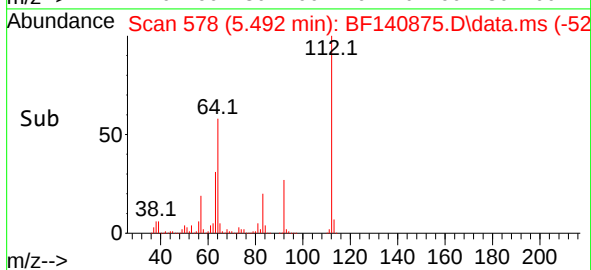
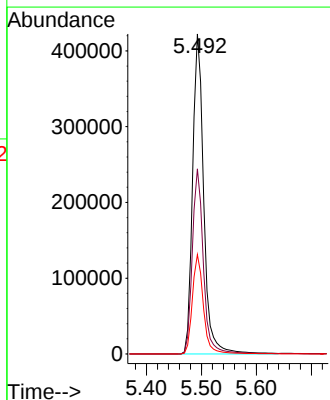
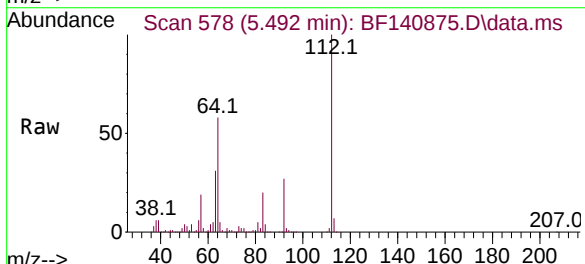
Instrument :
BNA_F
ClientSampleId :
PB165623BL

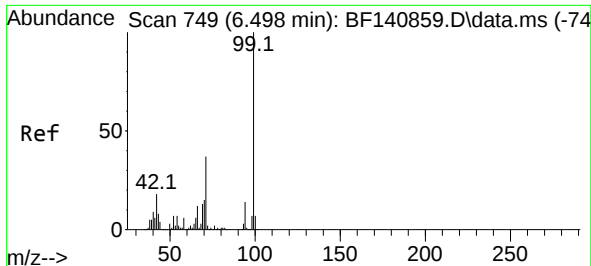
Tgt Ion:152 Resp: 71046
Ion Ratio Lower Upper
152 100
150 159.5 127.9 191.9
115 62.1 48.0 72.0



#5
2-Fluorophenol
Concen: 137.545 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

Tgt Ion:112 Resp: 593615
Ion Ratio Lower Upper
112 100
64 57.8 46.1 69.1
63 31.0 24.9 37.3

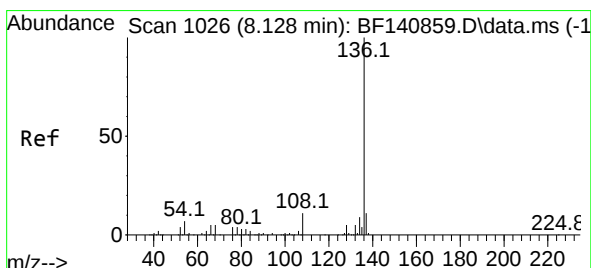
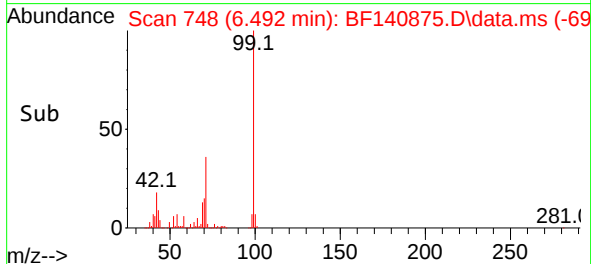
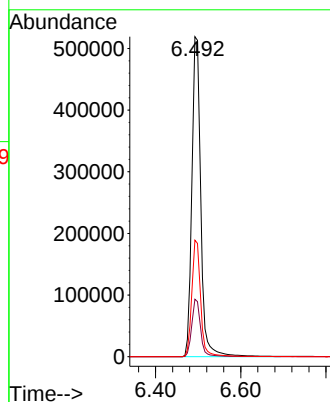
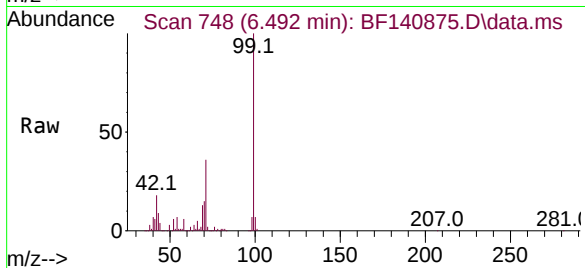




#7
Phenol-d6
Concen: 132.185 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

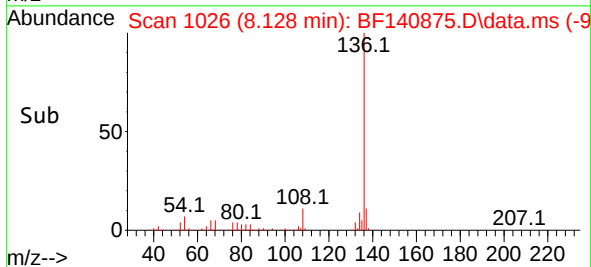
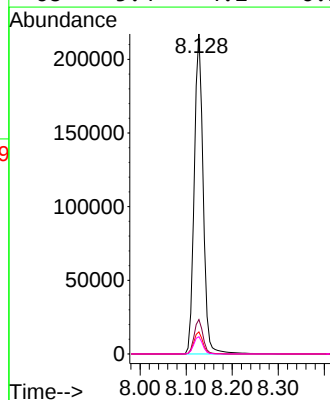
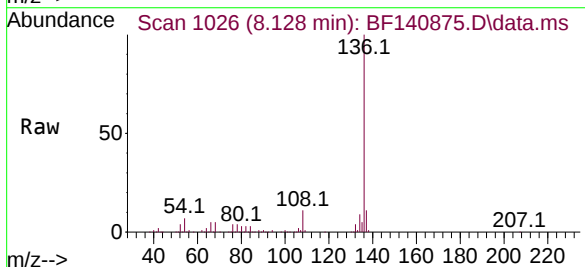
Instrument :
BNA_F
ClientSampleId :
PB165623BL

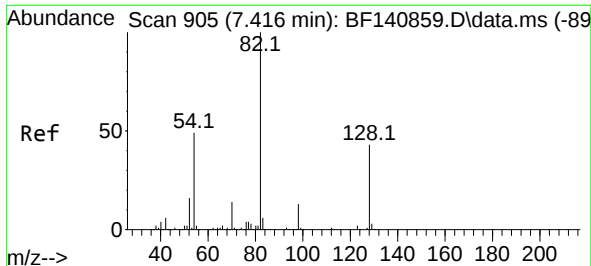
Tgt Ion: 99 Resp: 755612
Ion Ratio Lower Upper
99 100
42 17.9 14.3 21.5
71 36.4 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

Tgt Ion: 136 Resp: 290274
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.9 5.6 8.4
68 5.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 88.529 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF140875.D

Acq: 17 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB165623BL

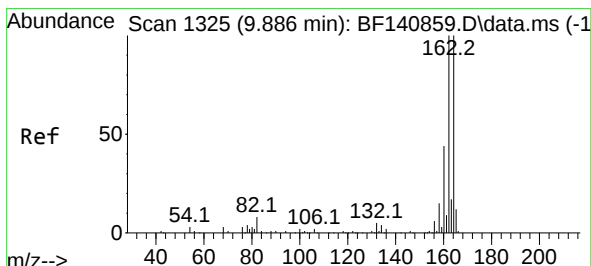
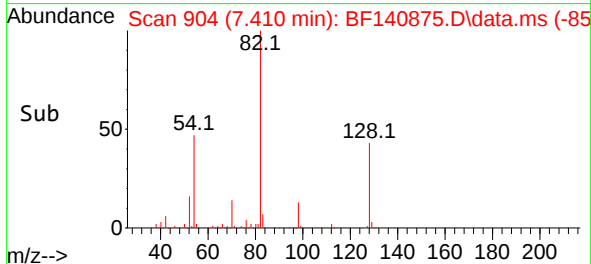
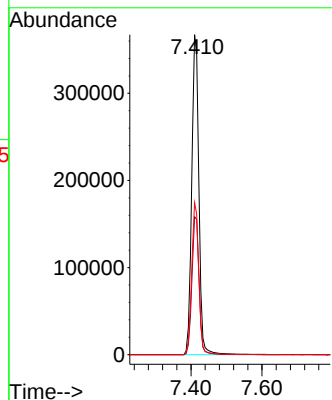
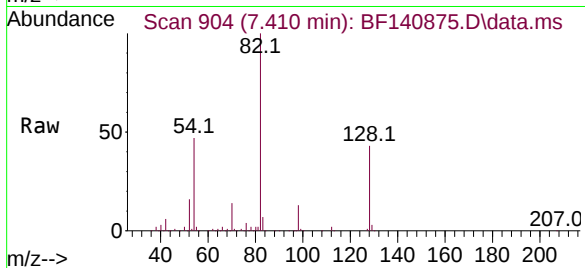
Tgt Ion: 82 Resp: 513636

Ion Ratio Lower Upper

82 100

128 43.1 34.4 51.6

54 47.5 38.8 58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF140875.D

Acq: 17 Dec 2024 10:43

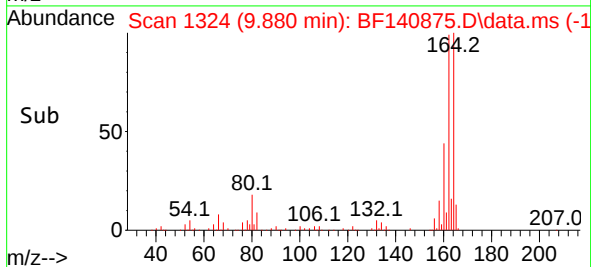
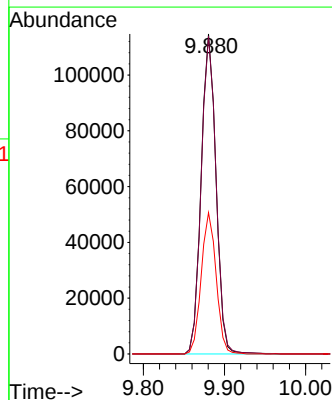
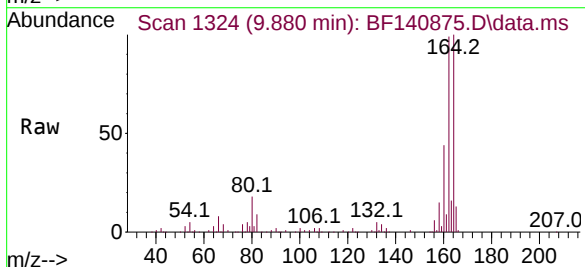
Tgt Ion: 164 Resp: 145205

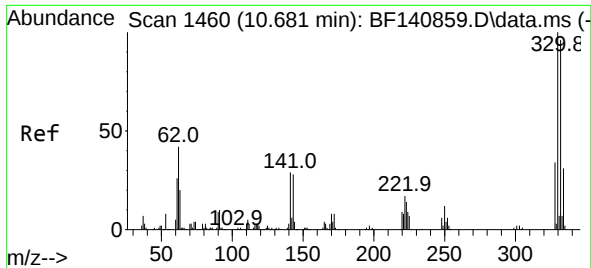
Ion Ratio Lower Upper

164 100

162 99.3 79.9 119.9

160 44.2 35.2 52.8

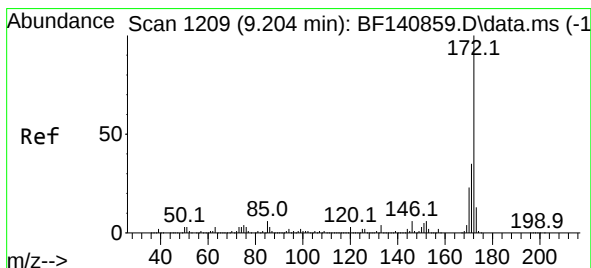
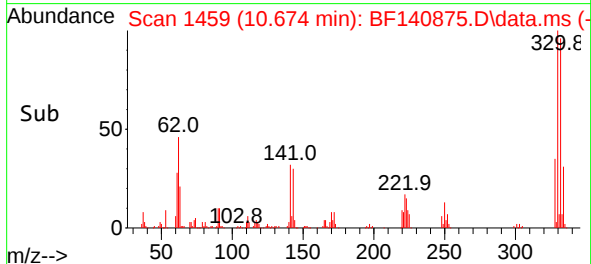
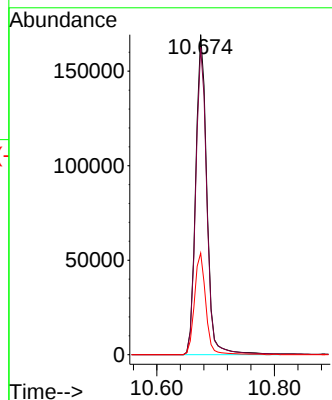
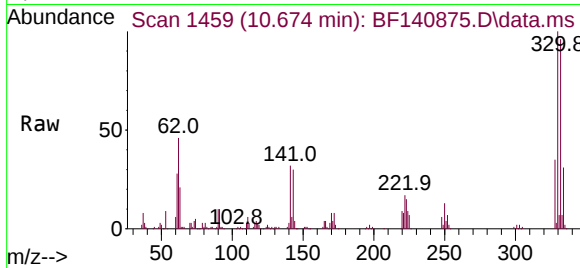




#42
2,4,6-Tribromophenol
Concen: 130.541 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

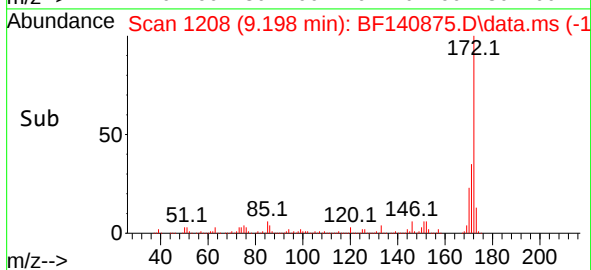
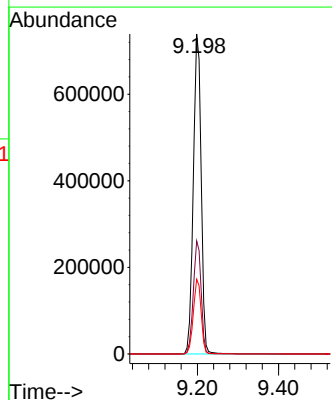
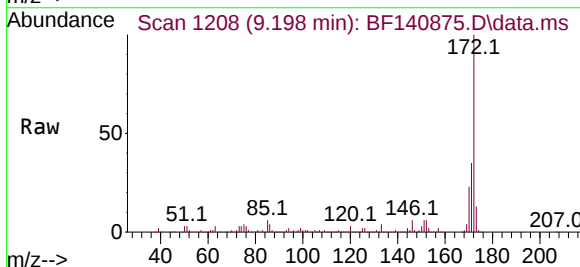
Instrument :
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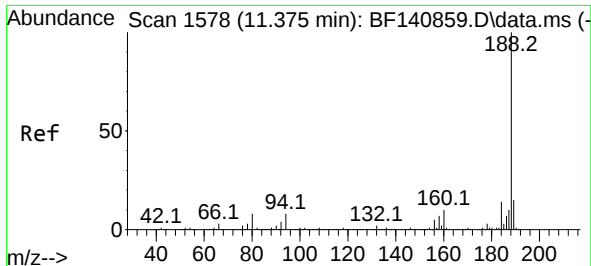
Tgt Ion:330 Resp: 224186
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 32.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 93.877 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

Tgt Ion:172 Resp: 991479
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 18.6 28.0

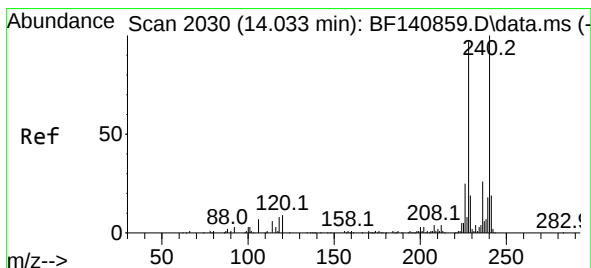
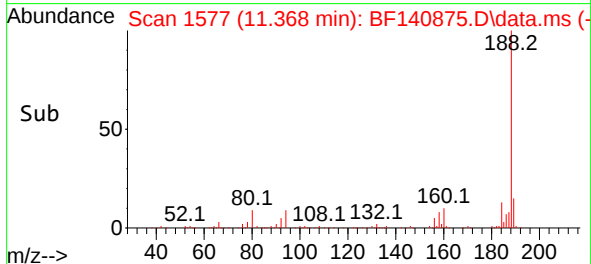
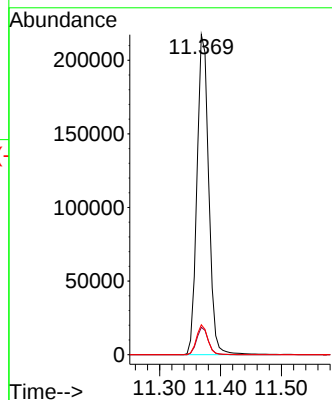
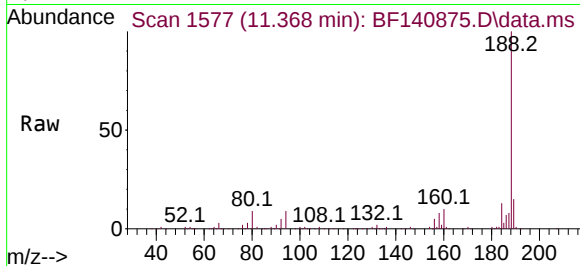




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

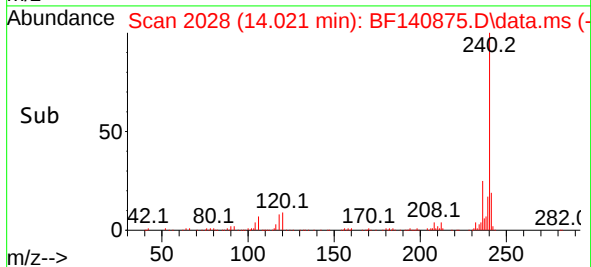
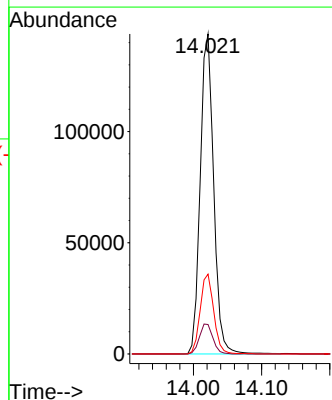
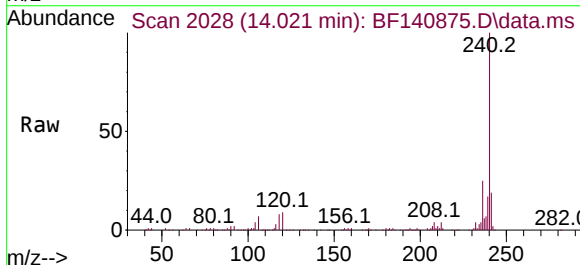
Instrument :
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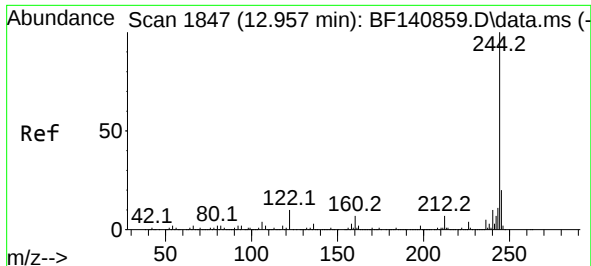
Tgt Ion:188 Resp: 290900
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140875.D
Acq: 17 Dec 2024 10:43

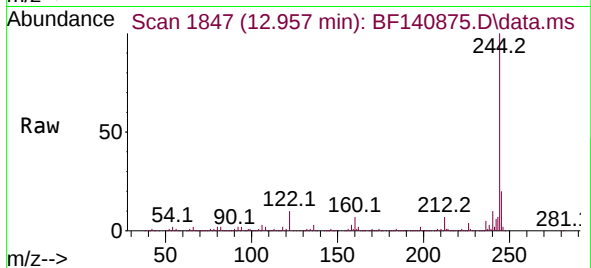
Tgt Ion:240 Resp: 197228
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 24.9 20.5 30.7



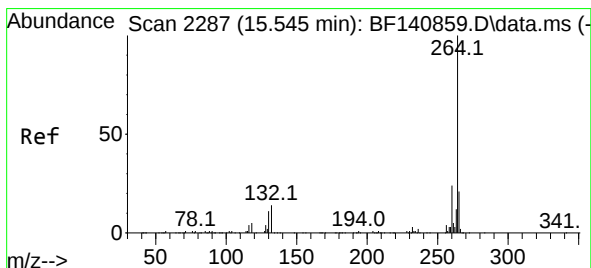
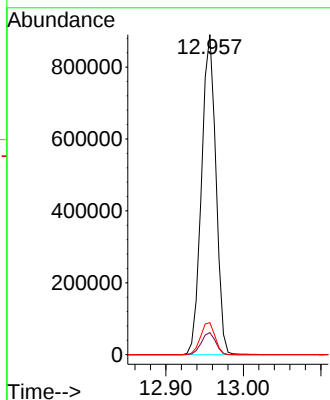
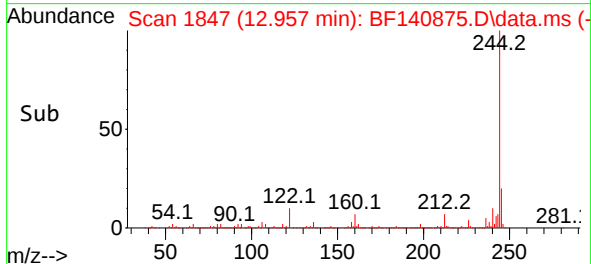


#79
 Terphenyl-d14
 Concen: 91.808 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140875.D
 Acq: 17 Dec 2024 10:43

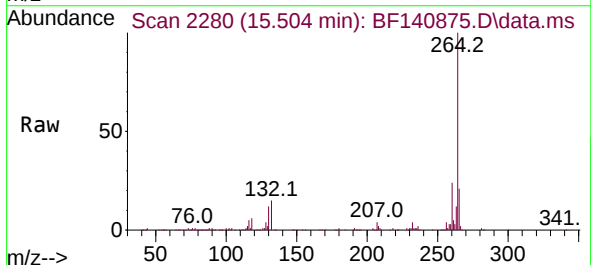
Instrument :
 BNA_F
 ClientSampleId :
 PB165623BL



Tgt Ion:244 Resp: 1148291
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.041 min
 Lab File: BF140875.D
 Acq: 17 Dec 2024 10:43



Tgt Ion:264 Resp: 182284
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 20.9 17.0 25.4

