

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140866.D
 Acq On : 16 Dec 2024 18:00
 Operator : RC/JU
 Sample : PB165590BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165590BL

Quant Time: Dec 17 00:03:29 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	68442	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	261160	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	167011	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	365848	20.000	ng	0.00
76) Chrysene-d12	14.027	240	260464	20.000	ng	0.00
86) Perylene-d12	15.527	264	204207	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	637679	153.376	ng	0.01
7) Phenol-d6	6.493	99	814964	147.992	ng	0.00
23) Nitrobenzene-d5	7.410	82	536575	102.793	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	307776	155.815	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1191501	98.085	ng	0.00
79) Terphenyl-d14	12.957	244	1549172	93.788	ng	0.00

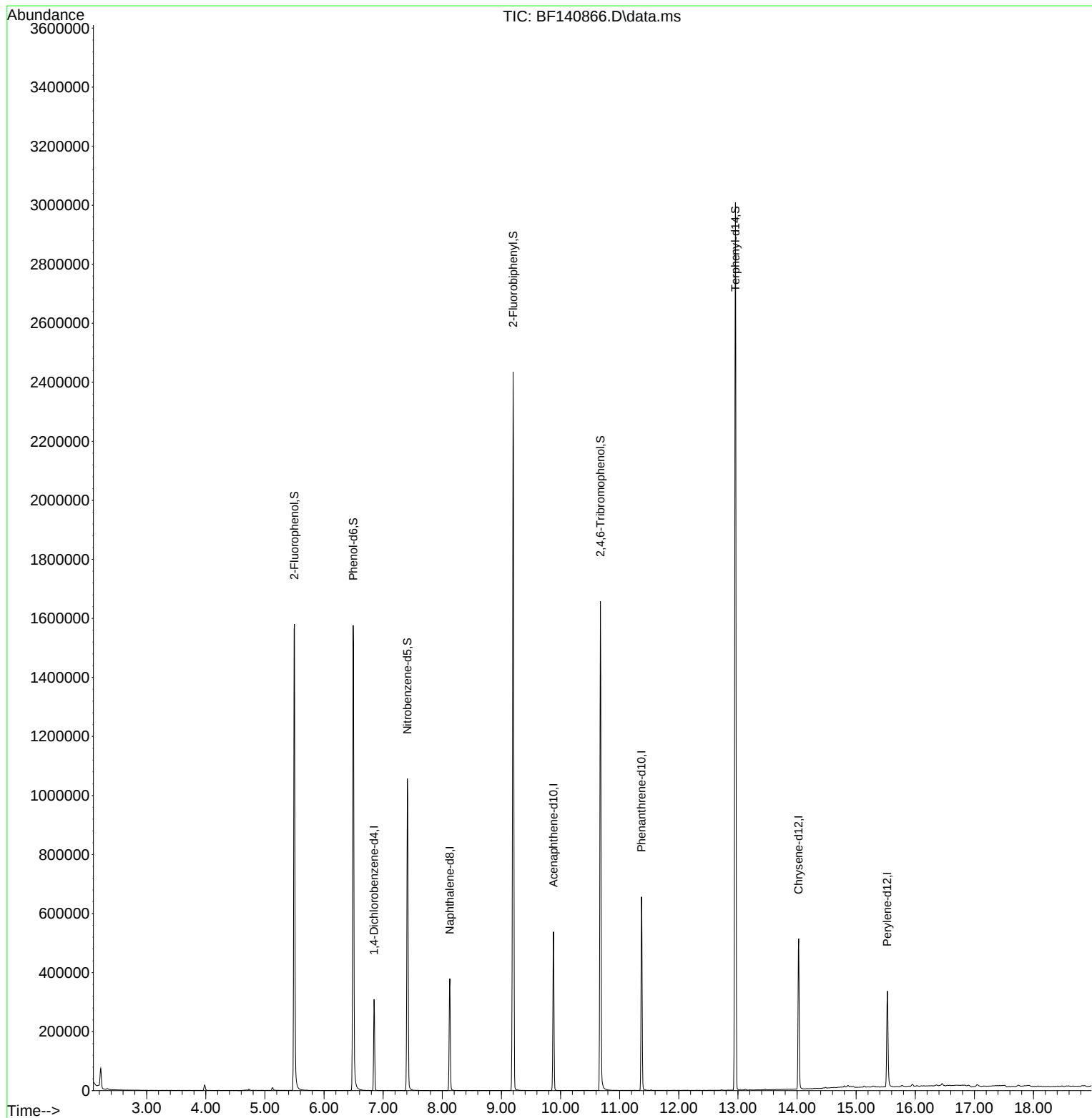
Target Compounds	Qvalue

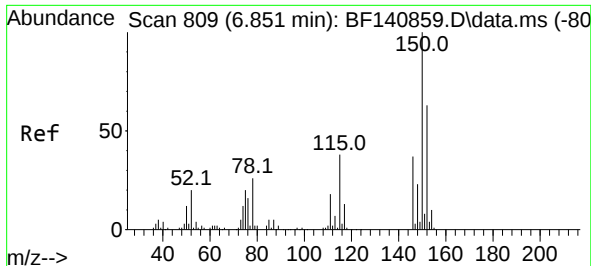
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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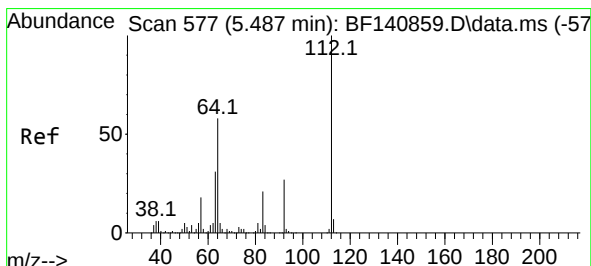
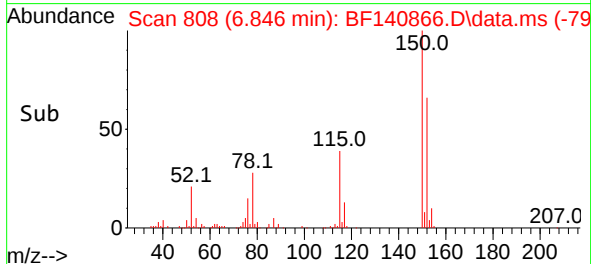
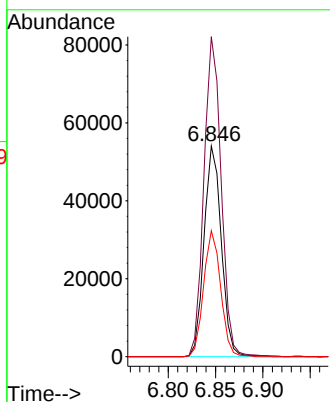
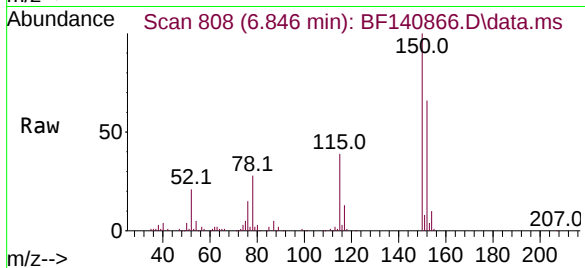




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.846 min Scan# 809
 Delta R.T. -0.005 min
 Lab File: BF140866.D
 Acq: 16 Dec 2024 18:00

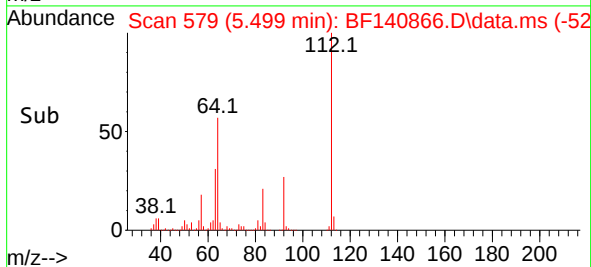
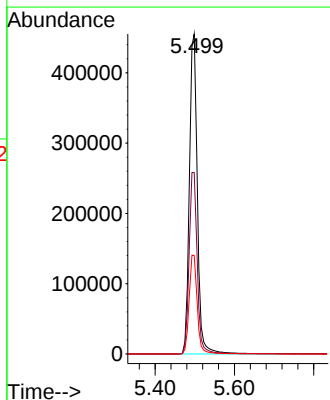
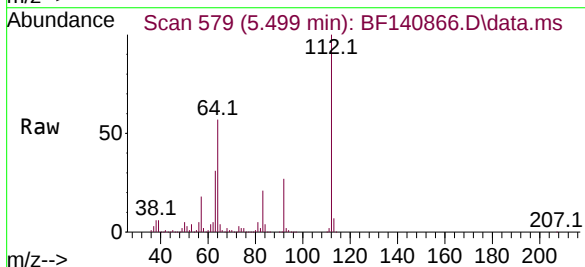
Instrument :
 BNA_F
 ClientSampleId :
 PB165590BL

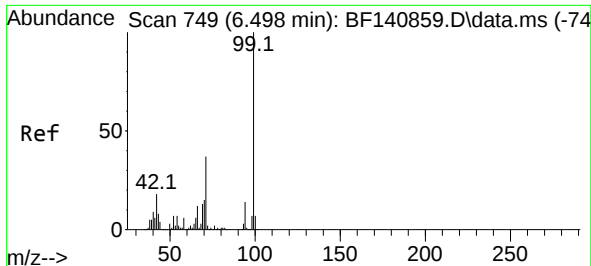
Tgt Ion:152 Resp: 68442
 Ion Ratio Lower Upper
 152 100
 150 151.9 127.9 191.9
 115 59.7 48.0 72.0



#5
 2-Fluorophenol
 Concen: 153.376 ng
 RT: 5.499 min Scan# 579
 Delta R.T. 0.012 min
 Lab File: BF140866.D
 Acq: 16 Dec 2024 18:00

Tgt Ion:112 Resp: 637679
 Ion Ratio Lower Upper
 112 100
 64 56.7 46.1 69.1
 63 30.8 24.9 37.3

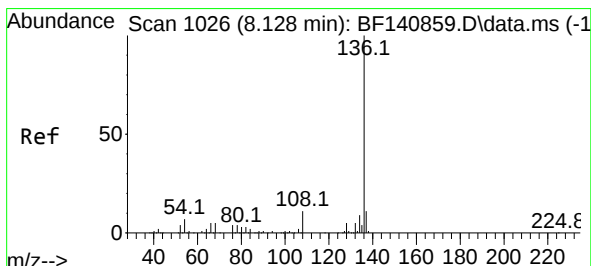
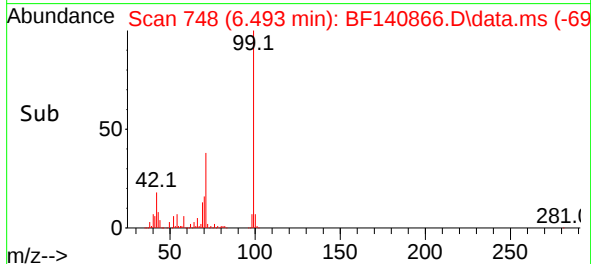
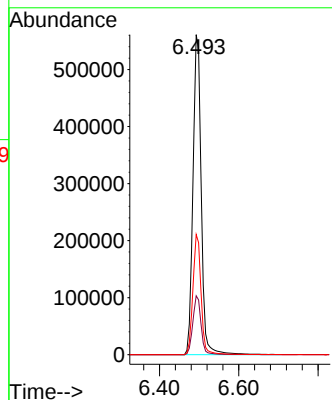
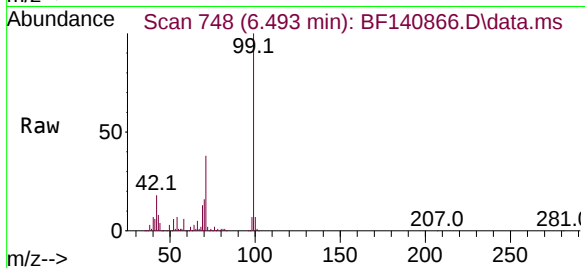




#7
Phenol-d6
Concen: 147.992 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

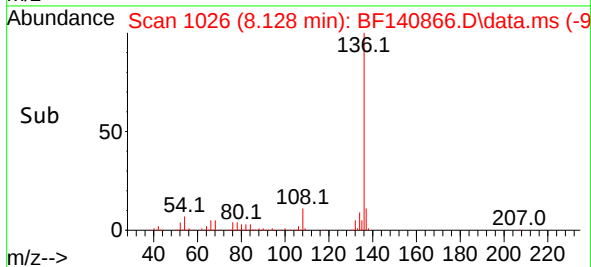
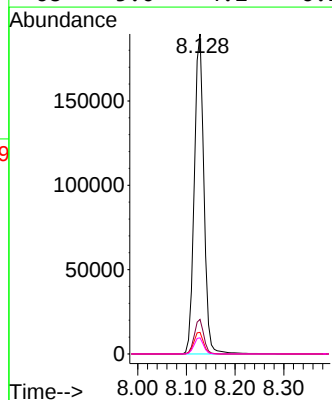
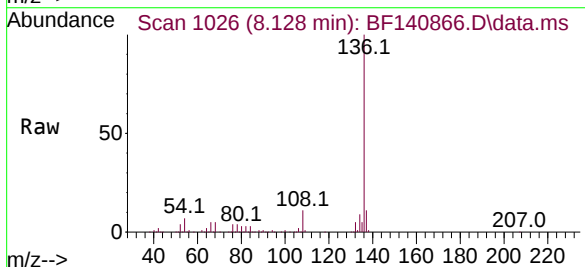
Instrument :
BNA_F
ClientSampleId :
PB165590BL

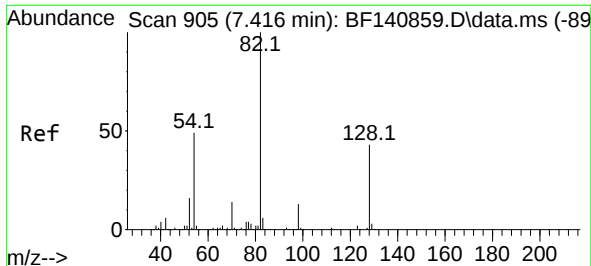
Tgt Ion: 99 Resp: 814964
Ion Ratio Lower Upper
99 100
42 18.4 14.3 21.5
71 37.6 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Tgt Ion: 136 Resp: 261160
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.8 5.6 8.4
68 5.0 4.2 6.2

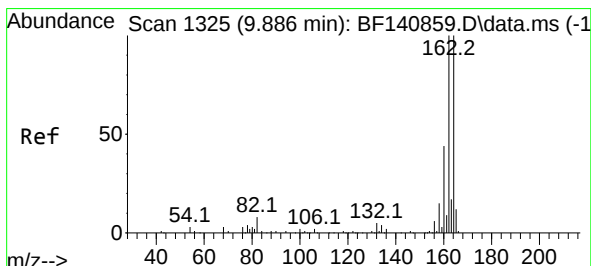
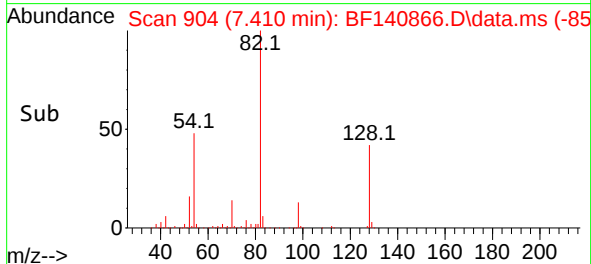
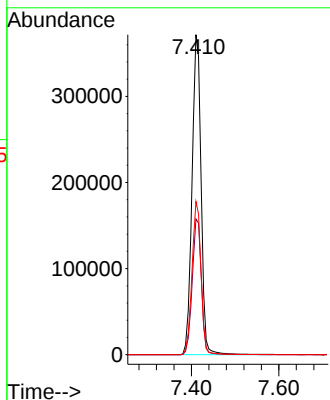
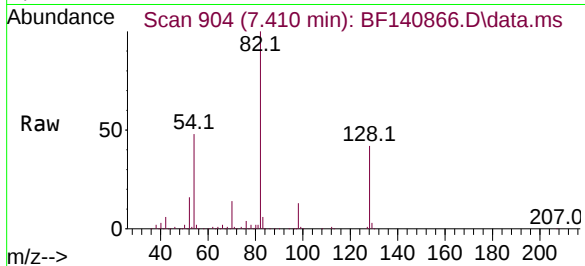




#23
Nitrobenzene-d5
Concen: 102.793 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

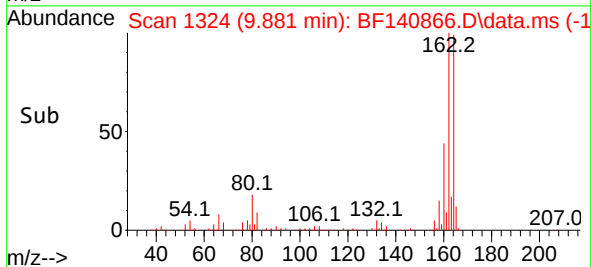
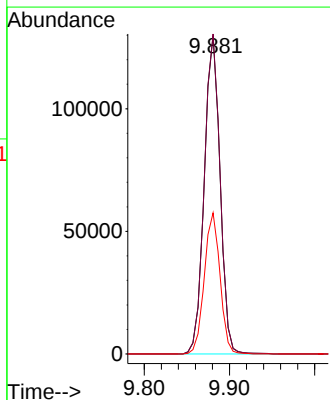
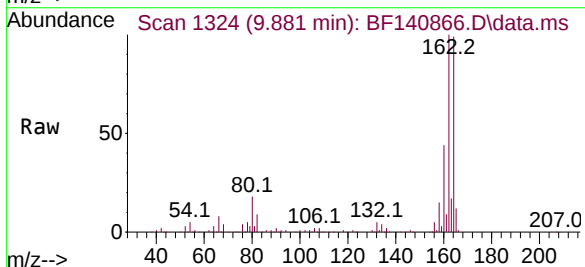
Instrument :
BNA_F
ClientSampleId :
PB165590BL

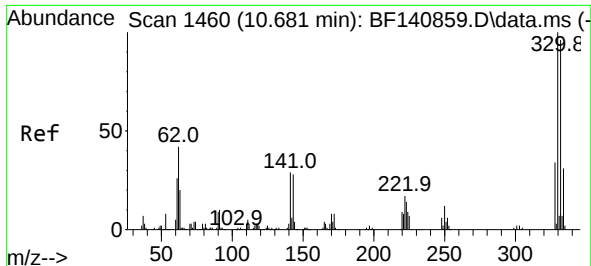
Tgt Ion: 82 Resp: 536575
Ion Ratio Lower Upper
82 100
128 42.4 34.4 51.6
54 47.9 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Tgt Ion: 164 Resp: 167011
Ion Ratio Lower Upper
164 100
162 100.6 79.9 119.9
160 44.4 35.2 52.8

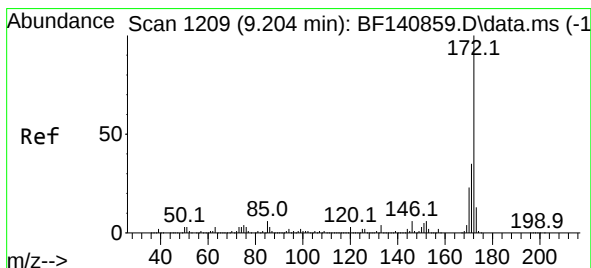
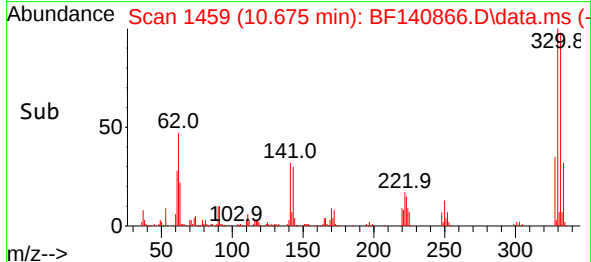
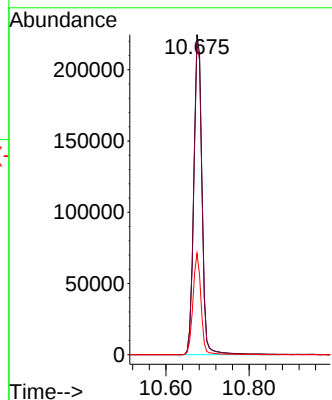
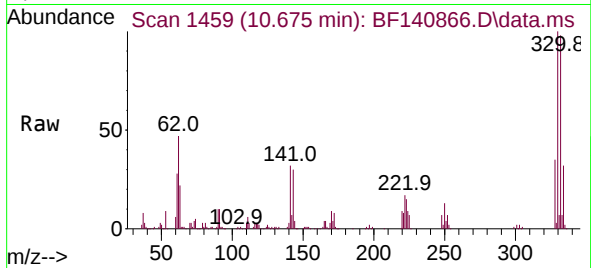




#42
2,4,6-Tribromophenol
Concen: 155.815 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

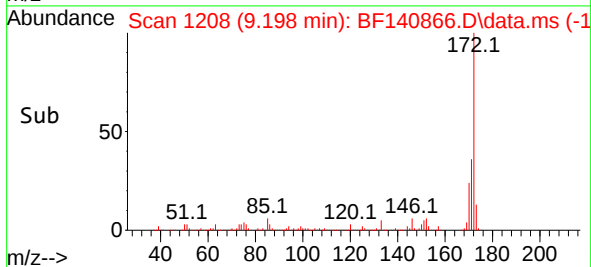
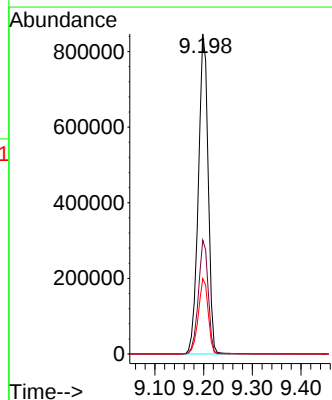
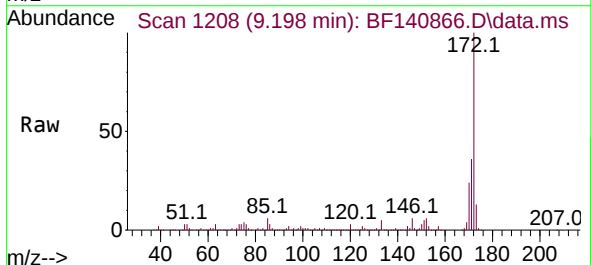
Instrument :
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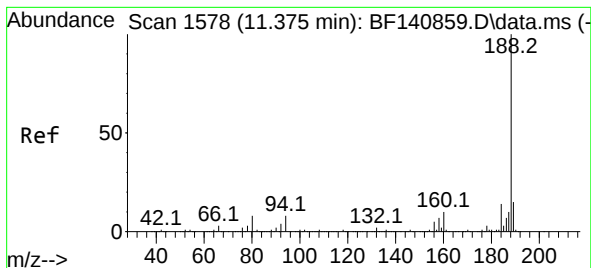
Tgt Ion:330 Resp: 307776
Ion Ratio Lower Upper
330 100
332 97.5 76.2 114.4
141 31.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 98.085 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF140866.D
Acq: 16 Dec 2024 18:00

Tgt Ion:172 Resp: 1191501
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.6 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

Instrument :

BNA_F

ClientSampleId :

PB165590BL

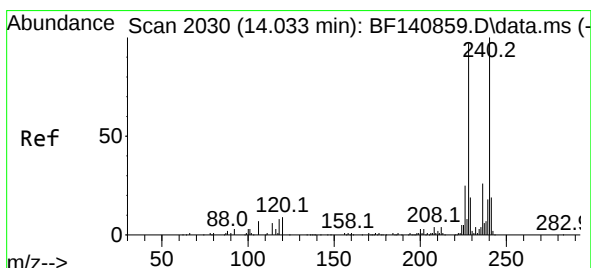
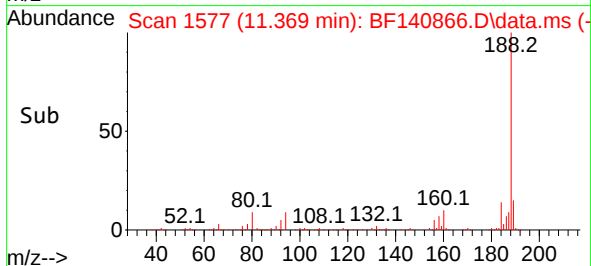
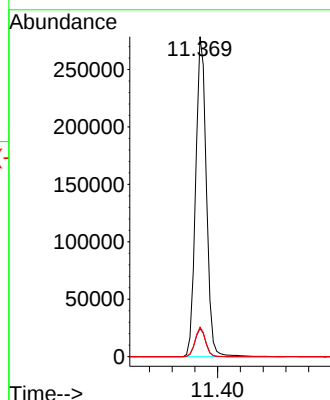
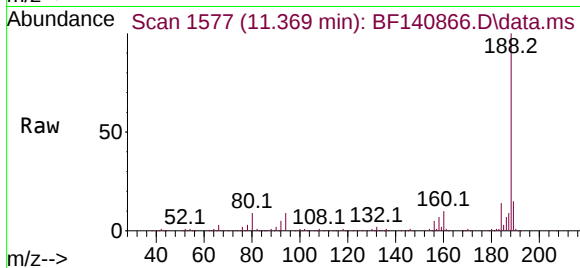
Tgt Ion:188 Resp: 365848

Ion Ratio Lower Upper

188 100

94 8.8 6.4 9.6

80 9.2 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: BF140866.D

Acq: 16 Dec 2024 18:00

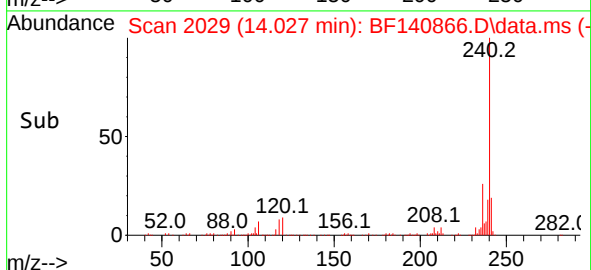
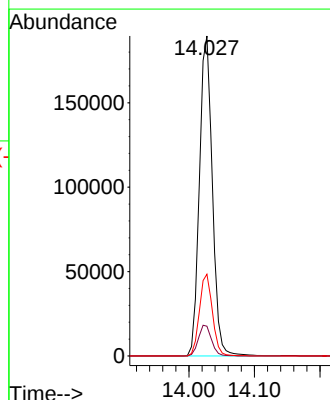
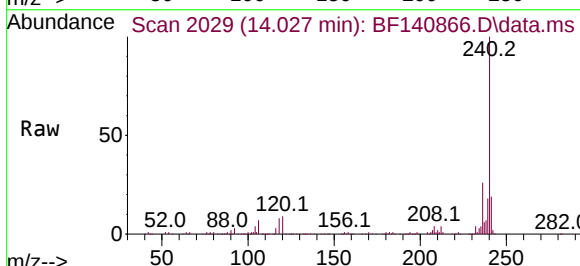
Tgt Ion:240 Resp: 260464

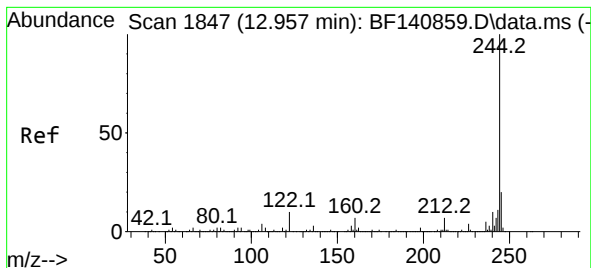
Ion Ratio Lower Upper

240 100

120 9.3 7.6 11.4

236 25.6 20.5 30.7





#79

Terphenyl-d14

Concen: 93.788 ng

RT: 12.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140866.D

Acq: 16 Dec 2024 18:00

Instrument :

BNA_F

ClientSampleId :

PB165590BL

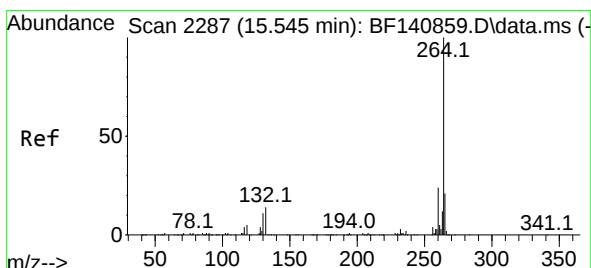
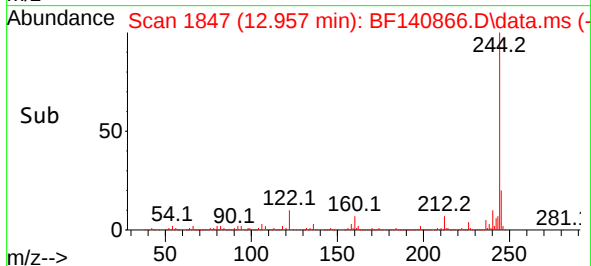
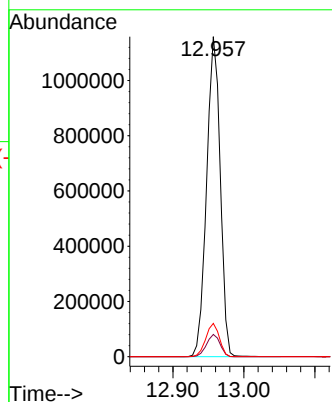
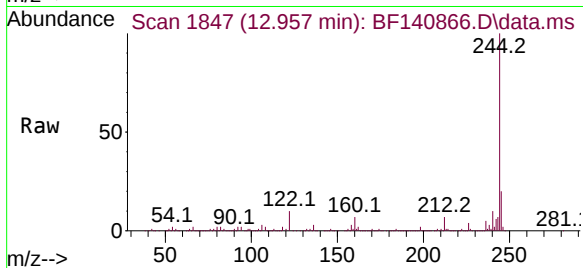
Tgt Ion:244 Resp: 1549172

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.4 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: BF140866.D

Acq: 16 Dec 2024 18:00

Tgt Ion:264 Resp: 204207

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 20.4 17.0 25.4

