

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140907.D
Acq On : 18 Dec 2024 15:54
Operator : RC/JU
Sample : P5291-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK-20241213

Quant Time: Dec 18 16:21:02 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	68564	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	271005	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	166965	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	332226	20.000	ng	0.00
76) Chrysene-d12	14.027	240	166648	20.000	ng	0.00
86) Perylene-d12	15.510	264	153161	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	266574	64.003	ng	0.00
7) Phenol-d6	6.498	99	193253	35.031	ng	0.00
23) Nitrobenzene-d5	7.416	82	501999	92.676	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	269102	136.273	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1102908	90.817	ng	0.00
79) Terphenyl-d14	12.963	244	1160788	109.837	ng	0.00

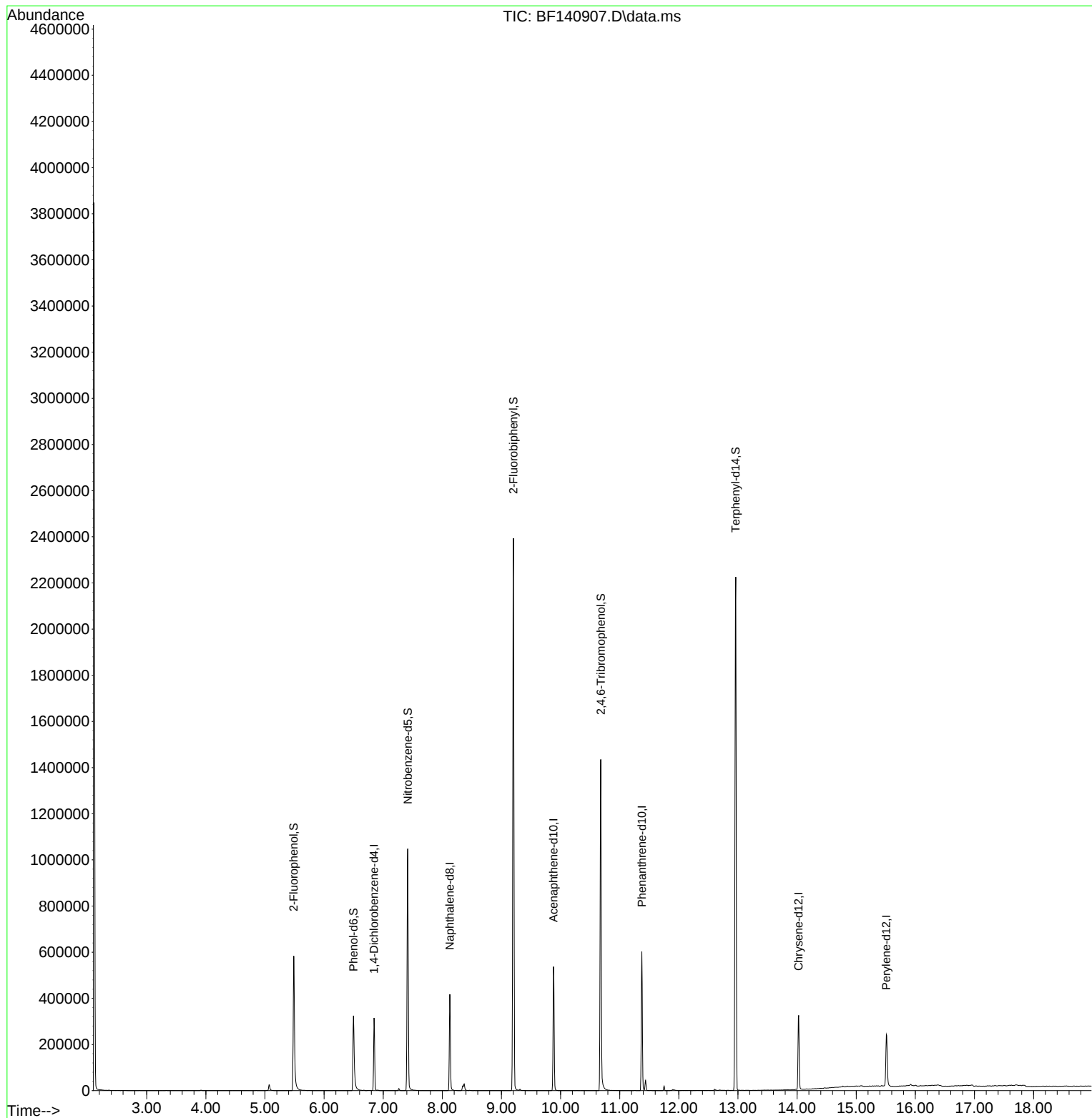
Target Compounds	Qvalue

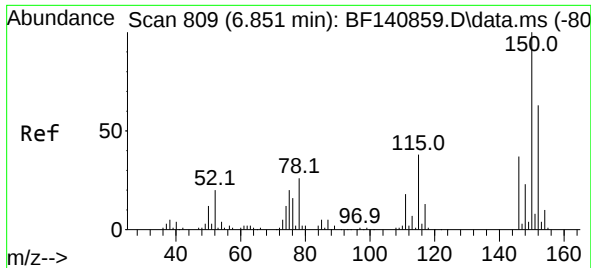
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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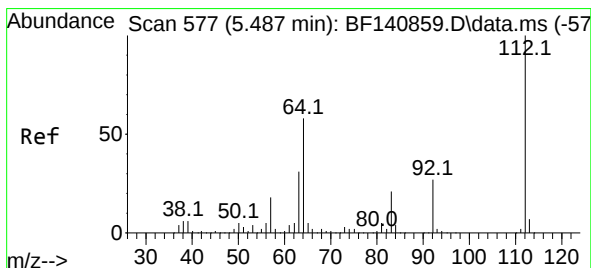
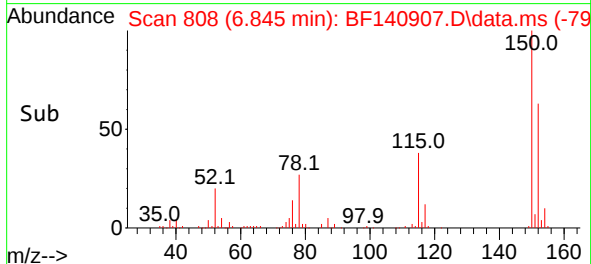
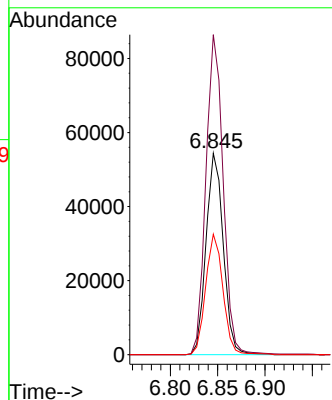
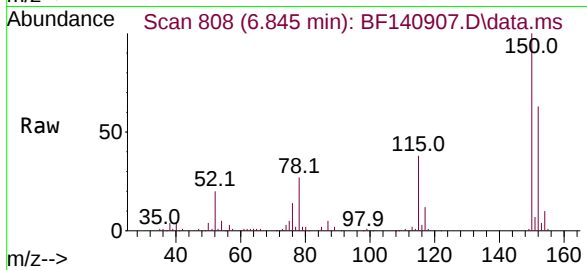




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

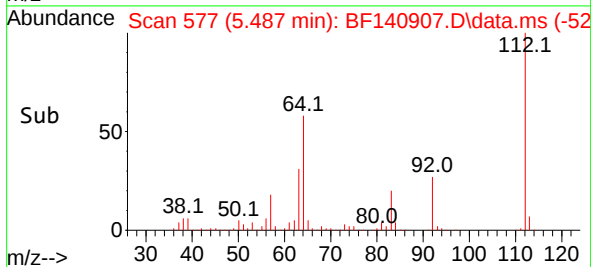
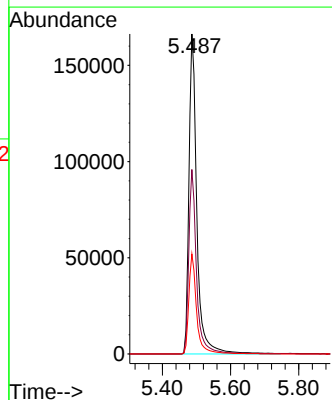
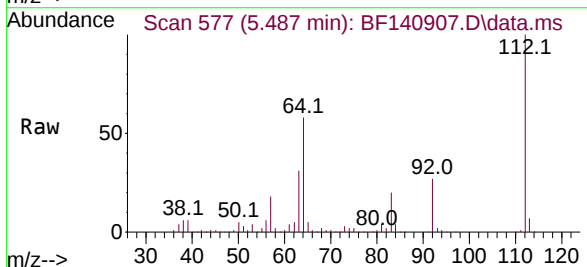
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK-20241213

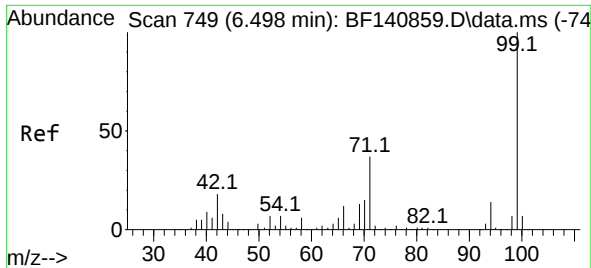
Tgt Ion:152 Resp: 68564
Ion Ratio Lower Upper
152 100
150 158.8 127.9 191.9
115 59.8 48.0 72.0



#5
2-Fluorophenol
Concen: 64.003 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Tgt Ion:112 Resp: 266574
Ion Ratio Lower Upper
112 100
64 57.6 46.1 69.1
63 31.2 24.9 37.3

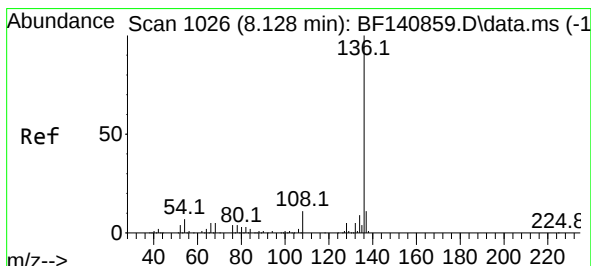
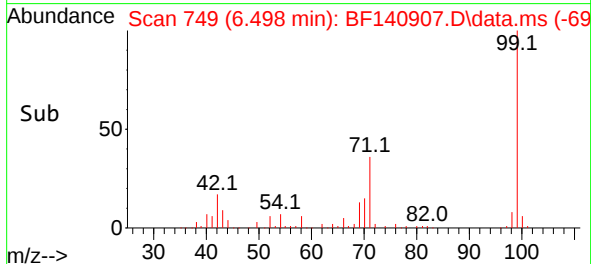
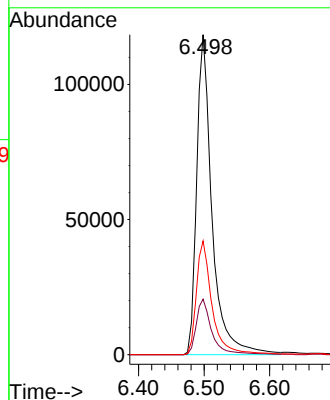
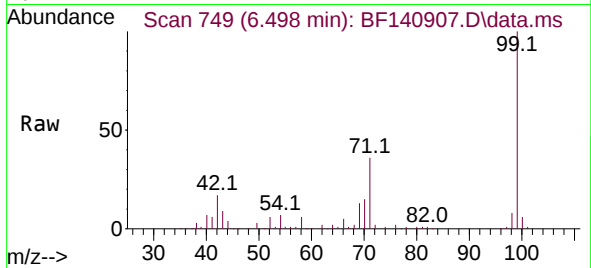




#7
Phenol-d6
Concen: 35.031 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

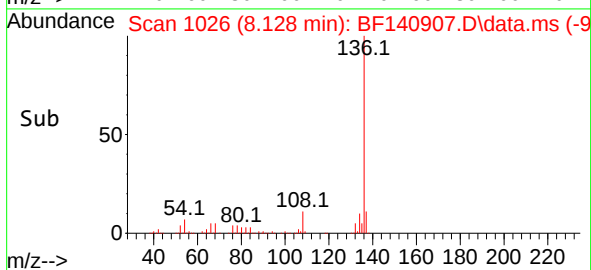
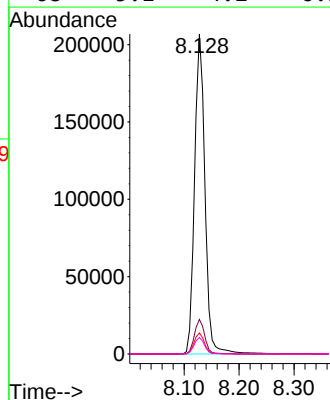
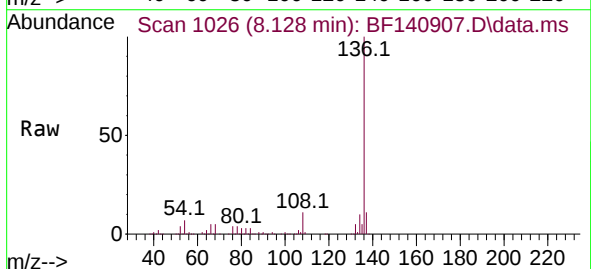
Instrument :
BNA_F
ClientSampleId :
EQUIP-BLANK-20241213

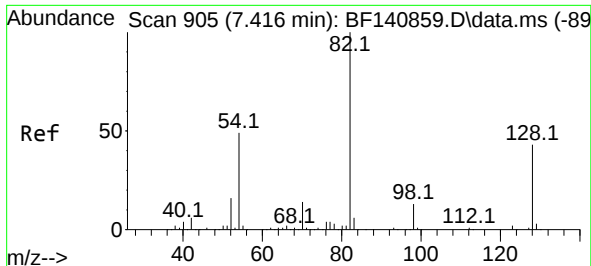
Tgt Ion: 99 Resp: 193253
Ion Ratio Lower Upper
99 100
42 17.4 14.3 21.5
71 35.6 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Tgt Ion: 136 Resp: 271005
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.6 5.6 8.4
68 5.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 92.676 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140907.D

Acq: 18 Dec 2024 15:54

Instrument :

BNA_F

ClientSampleId :

EQUIP-BLANK-20241213

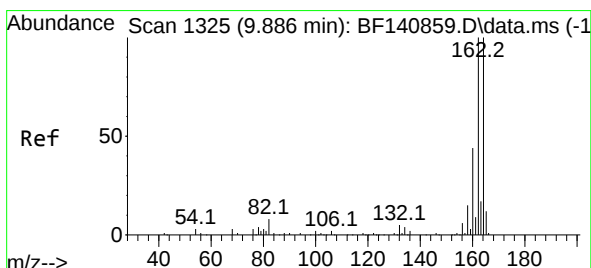
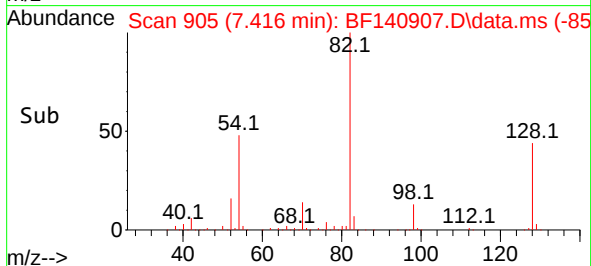
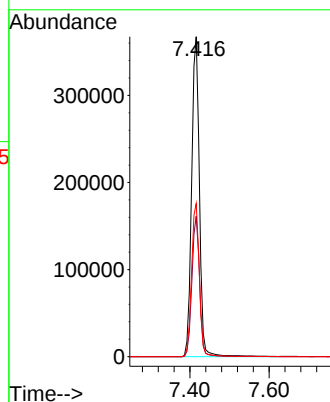
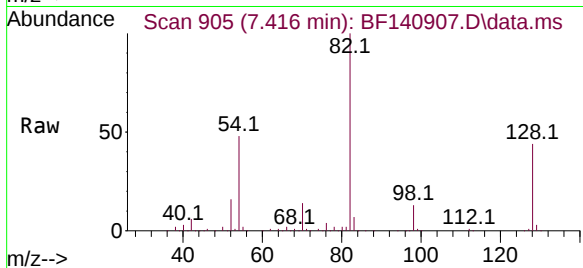
Tgt Ion: 82 Resp: 501999

Ion Ratio Lower Upper

82 100

128 43.9 34.4 51.6

54 47.8 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: BF140907.D

Acq: 18 Dec 2024 15:54

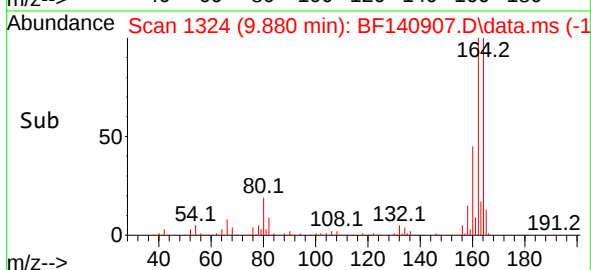
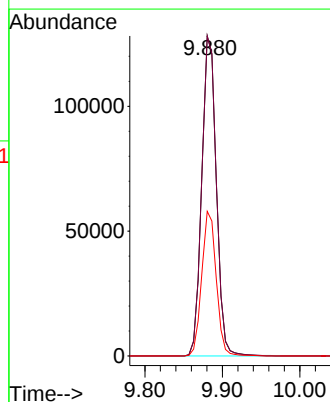
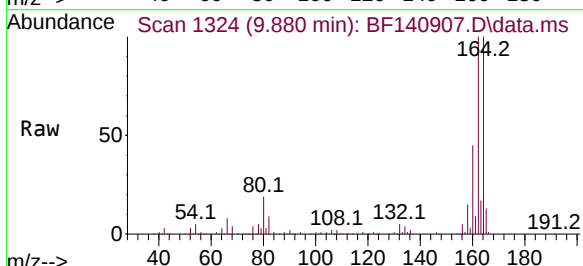
Tgt Ion:164 Resp: 166965

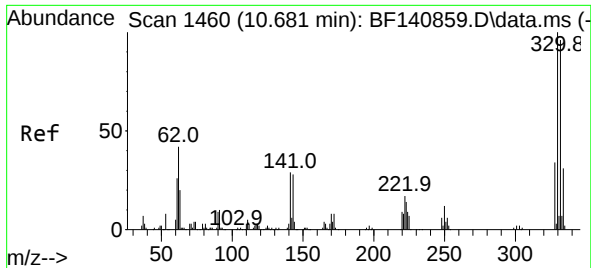
Ion Ratio Lower Upper

164 100

162 100.0 79.9 119.9

160 45.2 35.2 52.8

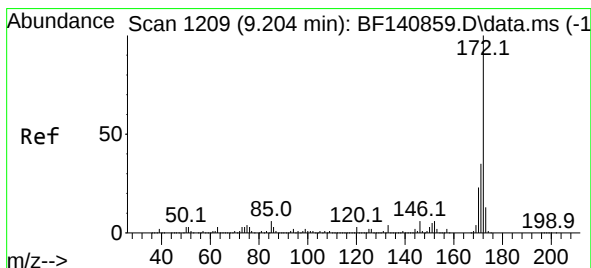
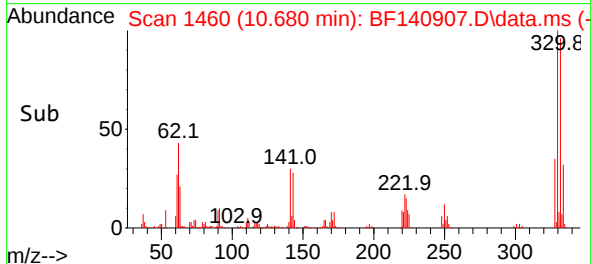
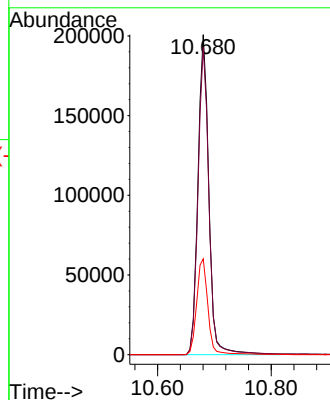
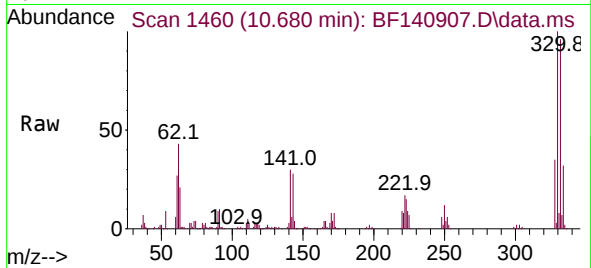




#42
2,4,6-Tribromophenol
Concen: 136.273 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

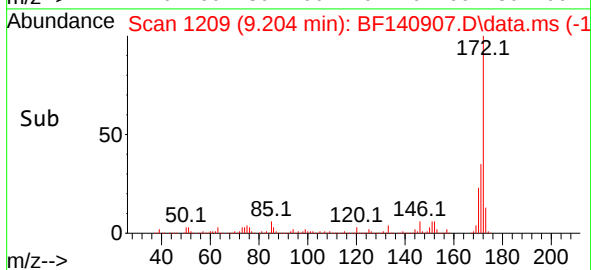
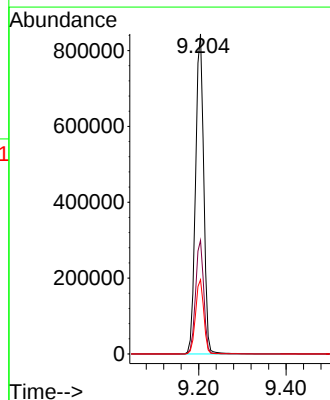
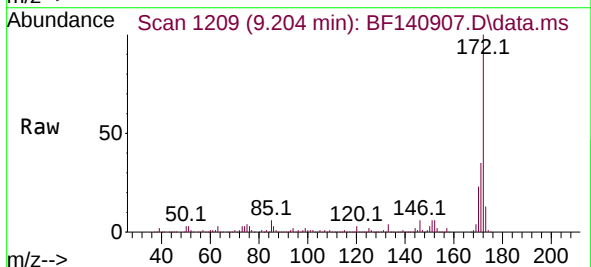
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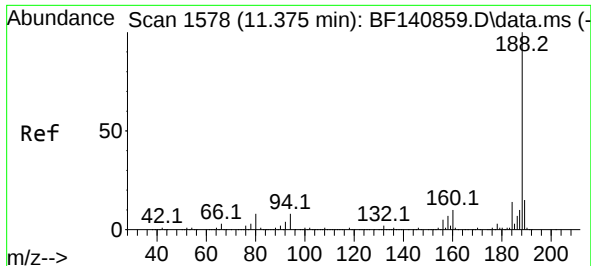
Tgt Ion:330 Resp: 269102
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 31.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 90.817 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Tgt Ion:172 Resp: 1102908
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.2 18.6 28.0

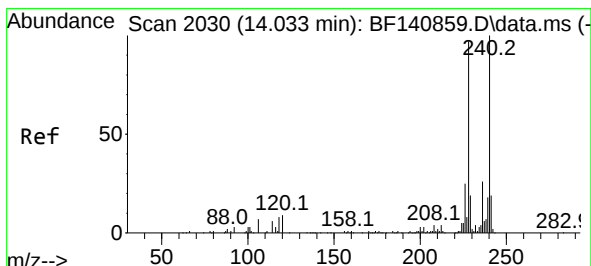
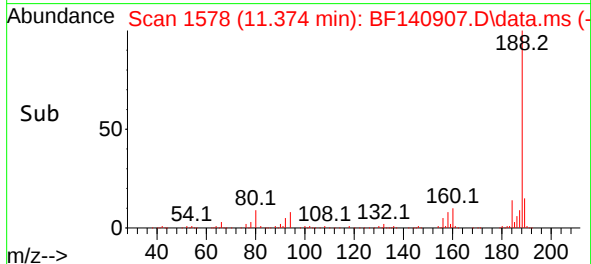
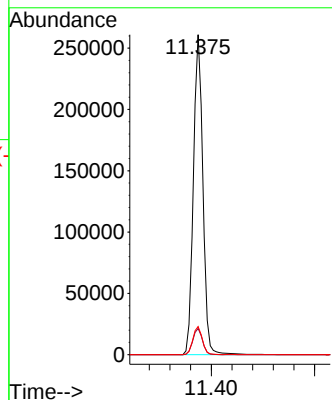
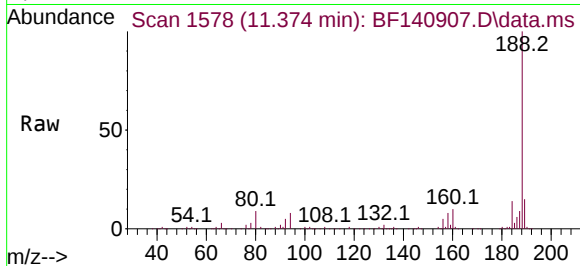




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

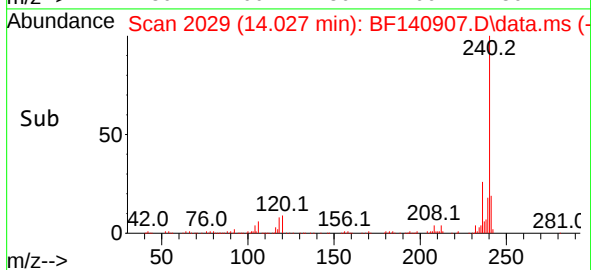
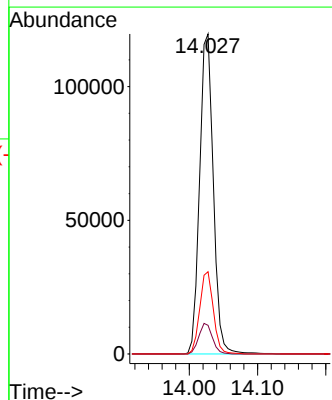
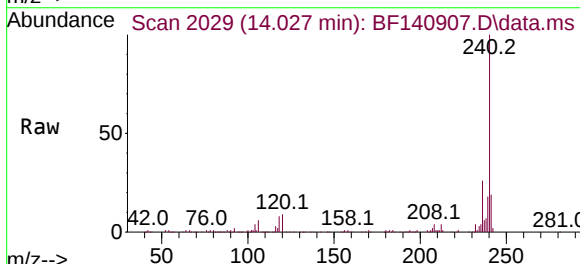
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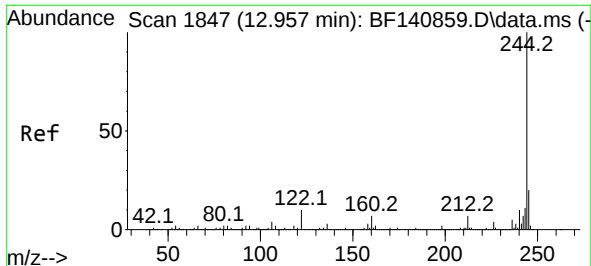
Tgt Ion:188 Resp: 332226
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140907.D
Acq: 18 Dec 2024 15:54

Tgt Ion:240 Resp: 166648
Ion Ratio Lower Upper
240 100
120 8.9 7.6 11.4
236 25.7 20.5 30.7

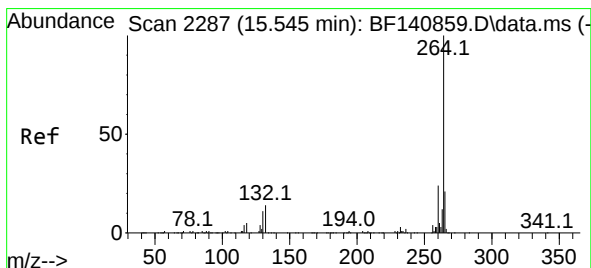
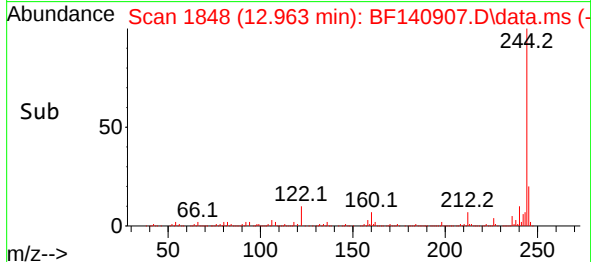
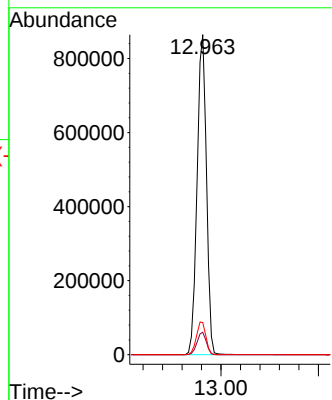
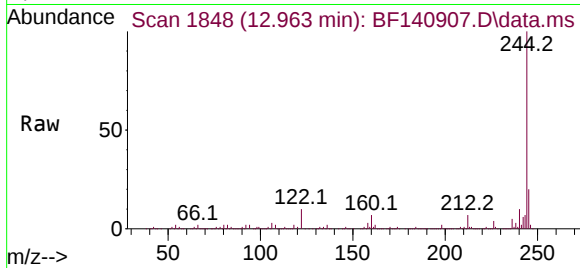




#79
 Terphenyl-d14
 Concen: 109.837 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140907.D
 Acq: 18 Dec 2024 15:54

Instrument :
 BNA_F
 ClientSampleId :
 EQUIP-BLANK-20241213

Tgt Ion:244 Resp: 1160788
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. -0.035 min
 Lab File: BF140907.D
 Acq: 18 Dec 2024 15:54

Tgt Ion:264 Resp: 153161
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.5 17.0 25.4

