

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140947.D
 Acq On : 20 Dec 2024 13:44
 Operator : RC/JU
 Sample : P5306-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-11-121224

Quant Time: Dec 20 14:17:12 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	58015	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	219653	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	121595	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	255298	20.000	ng	0.00
76) Chrysene-d12	14.027	240	180413	20.000	ng	0.00
86) Perylene-d12	15.521	264	133929	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	375173	106.456	ng	0.00
7) Phenol-d6	6.498	99	515012	110.332	ng	0.00
23) Nitrobenzene-d5	7.416	82	322489	73.454	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	154397	107.360	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	648580	73.334	ng	0.00
79) Terphenyl-d14	12.957	244	694475	60.699	ng	0.00

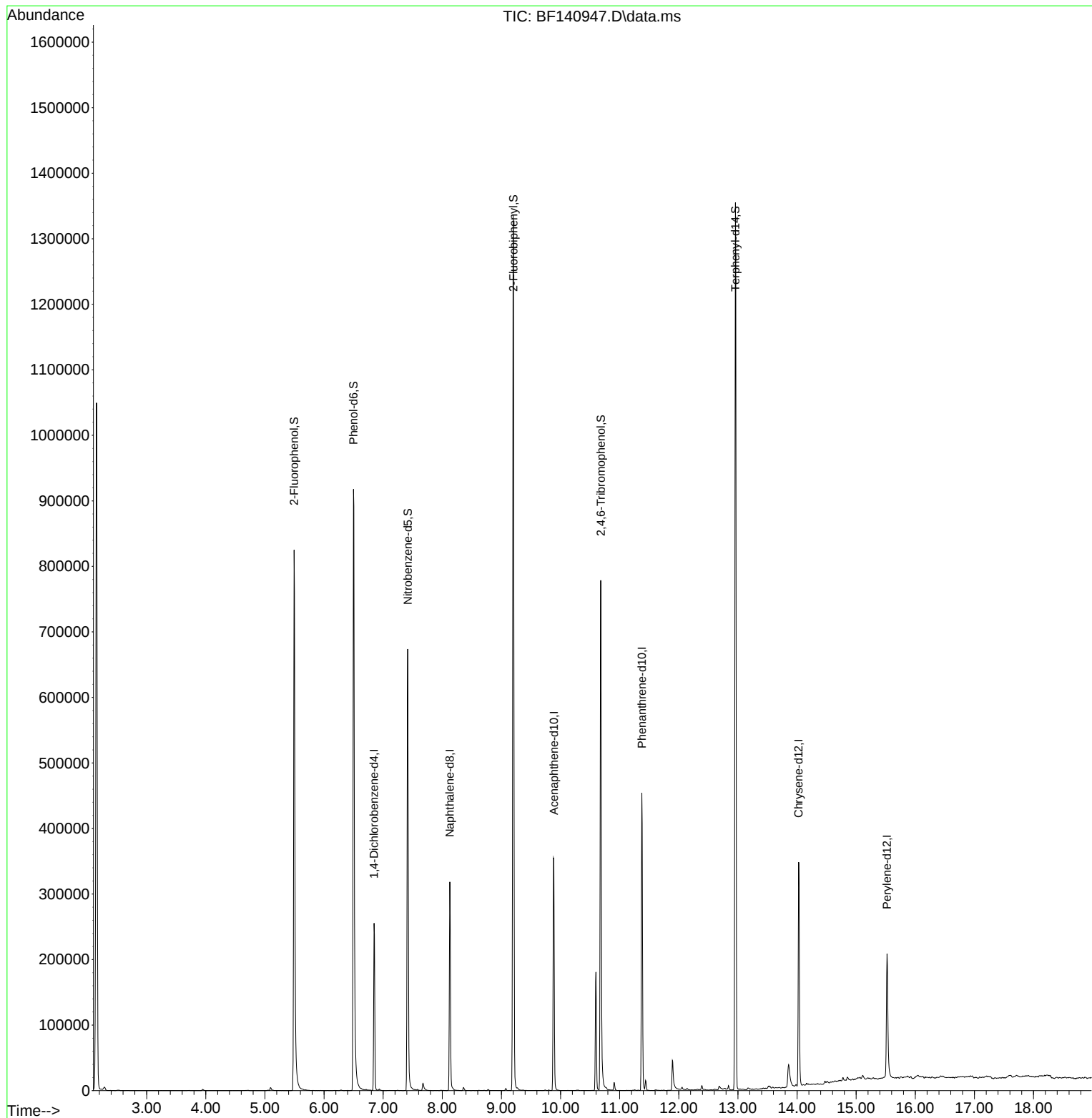
Target Compounds	Qvalue

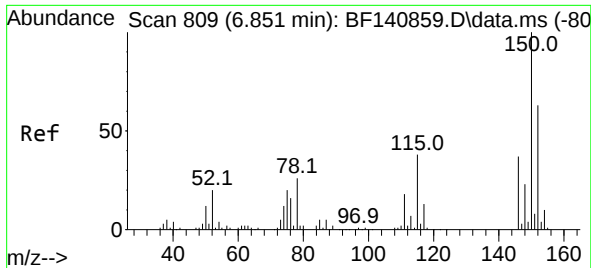
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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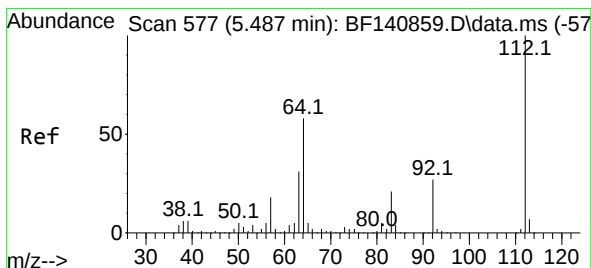
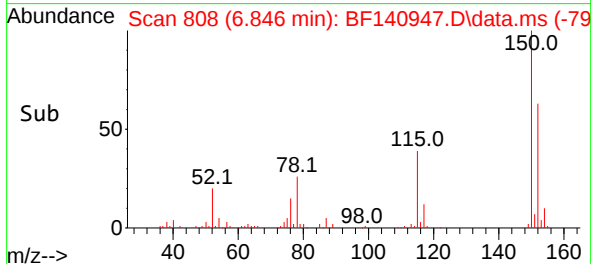
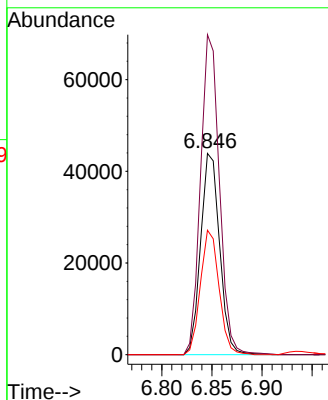
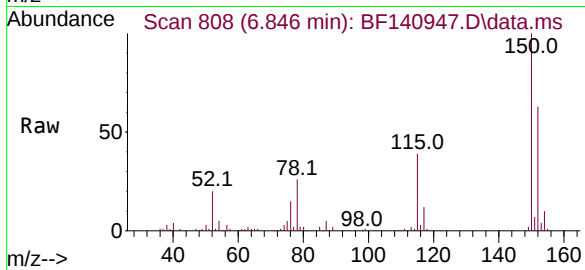




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

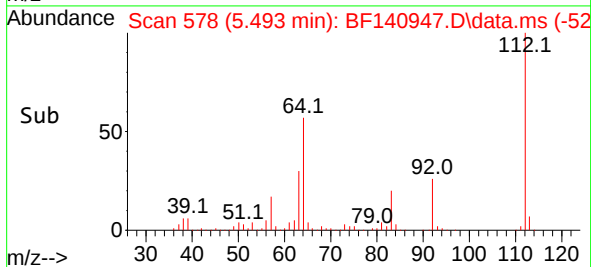
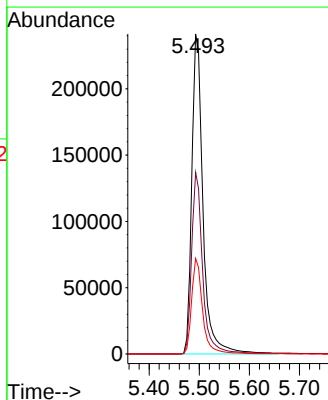
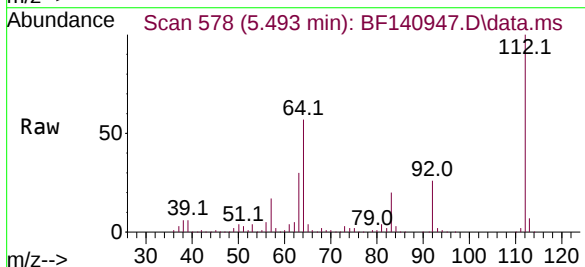
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224

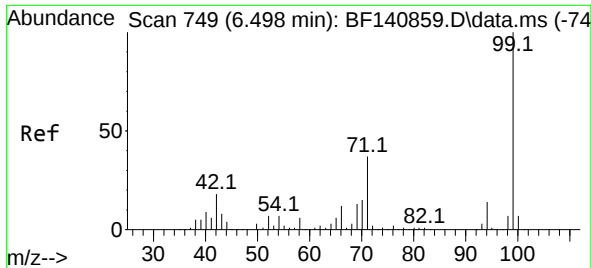
Tgt Ion:152 Resp: 58015
Ion Ratio Lower Upper
152 100
150 159.0 127.9 191.9
115 61.9 48.0 72.0



#5
2-Fluorophenol
Concen: 106.456 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

Tgt Ion:112 Resp: 375173
Ion Ratio Lower Upper
112 100
64 56.8 46.1 69.1
63 29.9 24.9 37.3

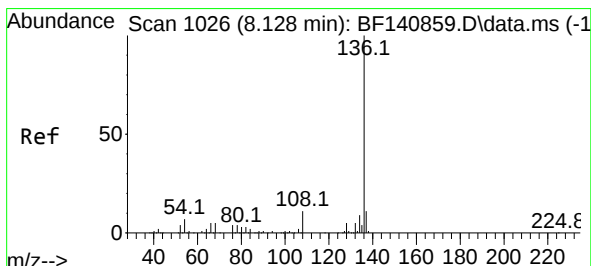
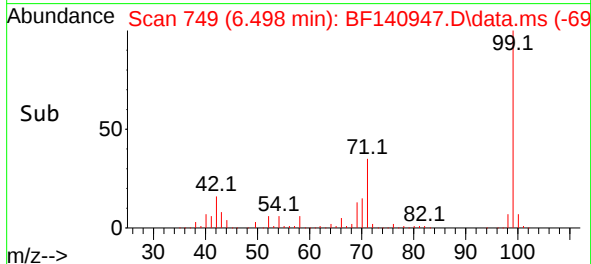
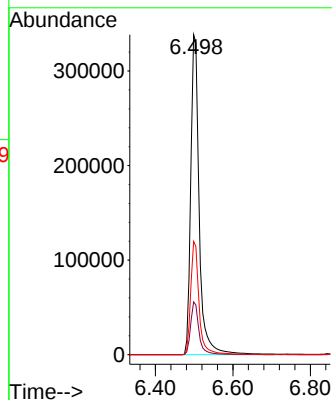
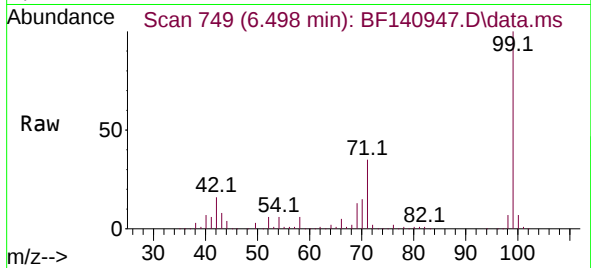




#7
Phenol-d6
Concen: 110.332 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

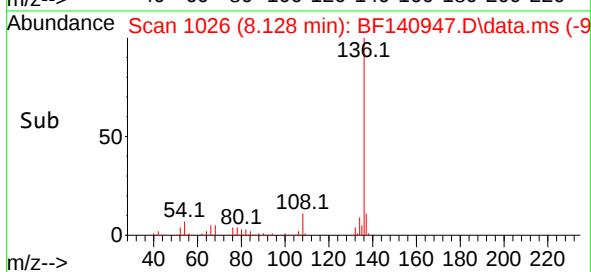
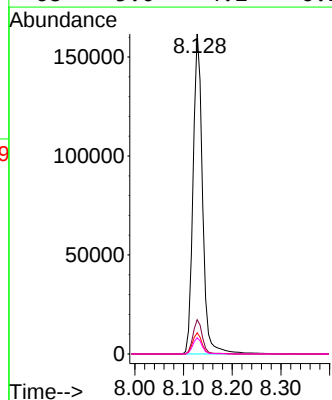
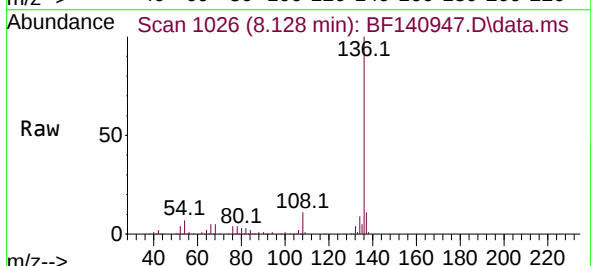
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224

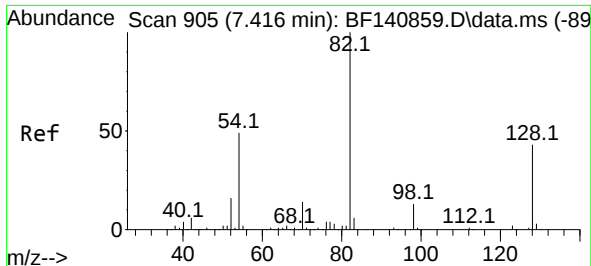
Tgt Ion: 99 Resp: 515012
Ion Ratio Lower Upper
99 100
42 16.5 14.3 21.5
71 35.4 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

Tgt Ion: 136 Resp: 219653
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.6 5.6 8.4
68 5.0 4.2 6.2

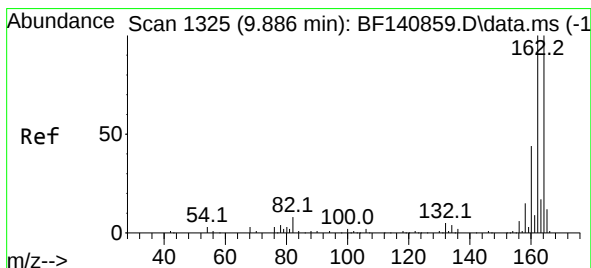
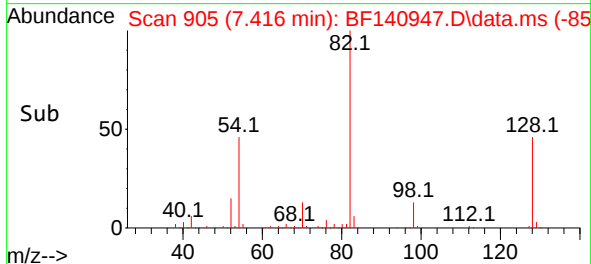
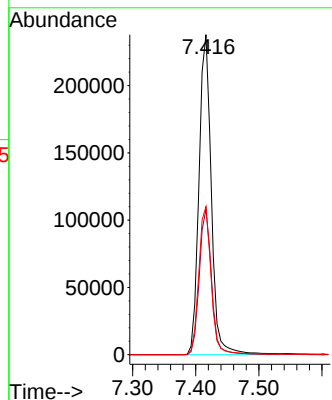
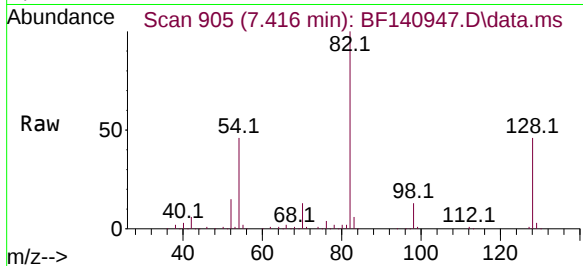




#23
Nitrobenzene-d5
Concen: 73.454 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

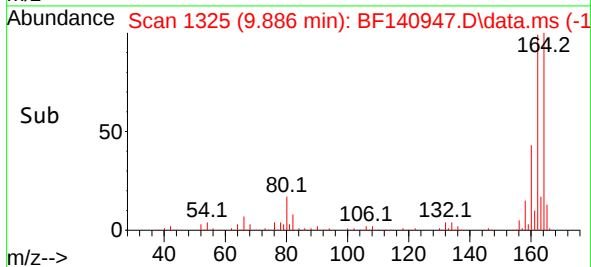
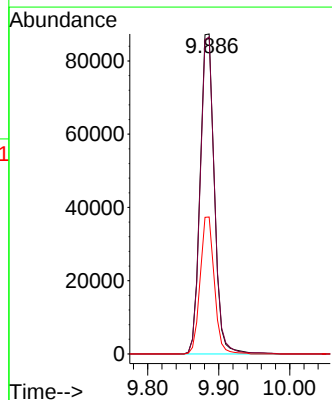
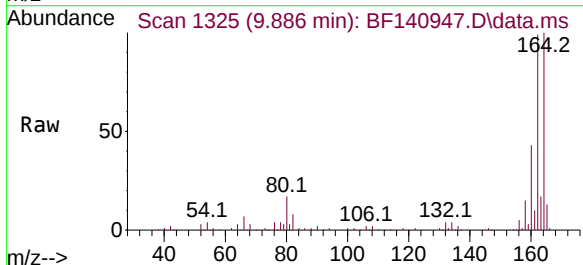
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224

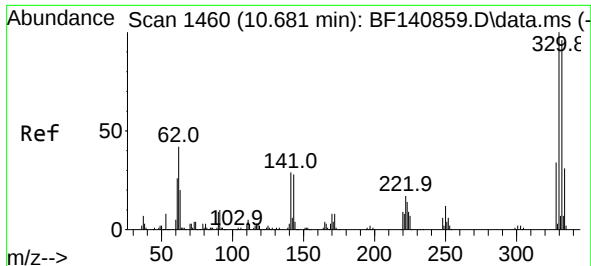
Tgt Ion: 82 Resp: 322489
Ion Ratio Lower Upper
82 100
128 45.5 34.4 51.6
54 46.3 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

Tgt Ion:164 Resp: 121595
Ion Ratio Lower Upper
164 100
162 99.1 79.9 119.9
160 42.8 35.2 52.8

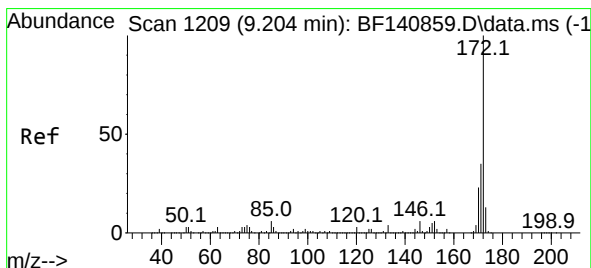
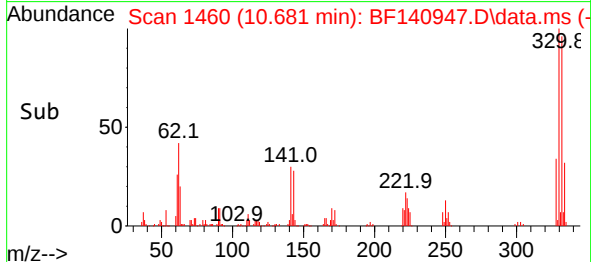
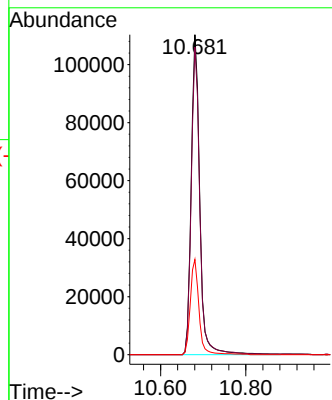
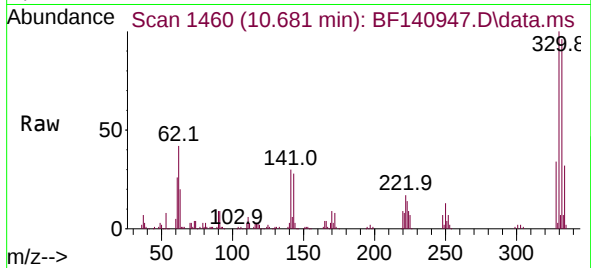




#42
2,4,6-Tribromophenol
Concen: 107.360 ng
RT: 10.681 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

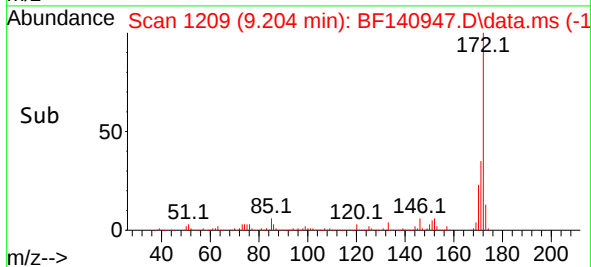
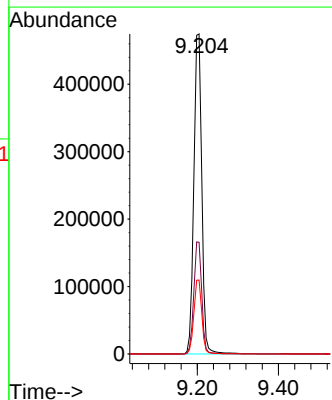
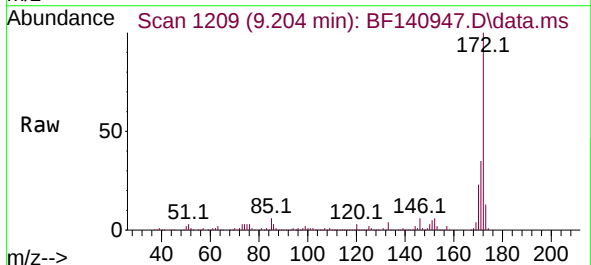
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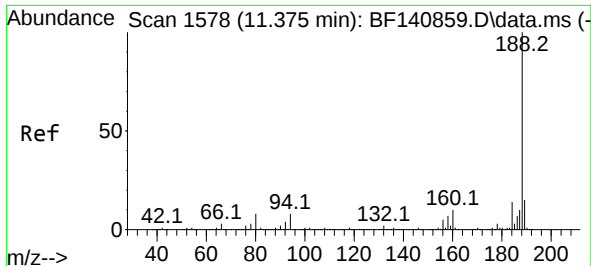
Tgt Ion:330 Resp: 154397
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 30.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 73.334 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

Tgt Ion:172 Resp: 648580
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.1 18.6 28.0

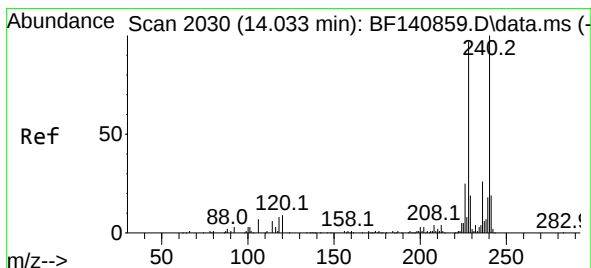
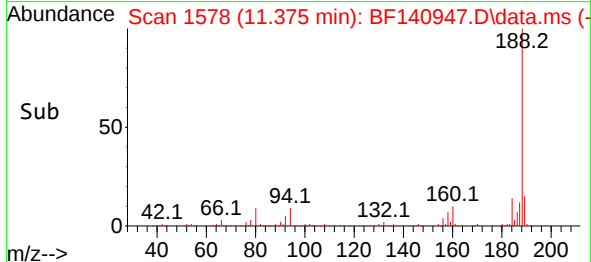
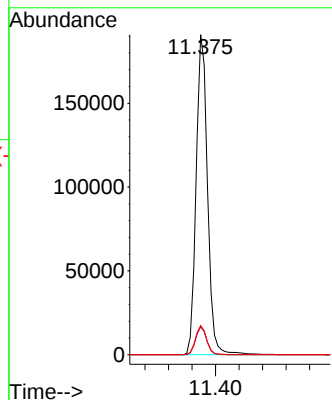
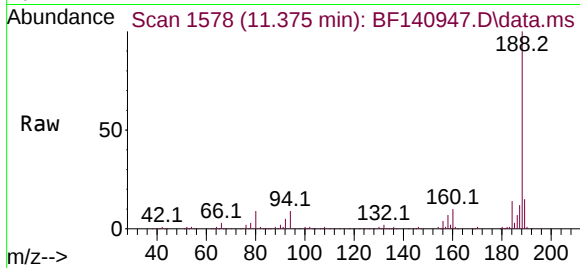




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

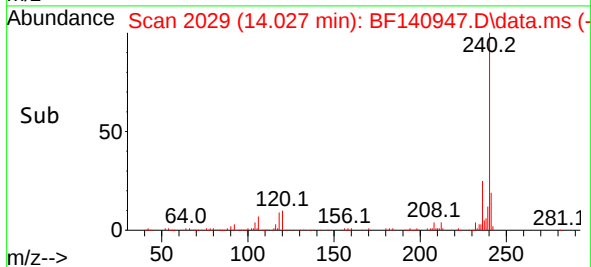
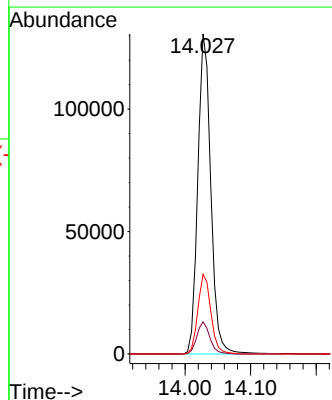
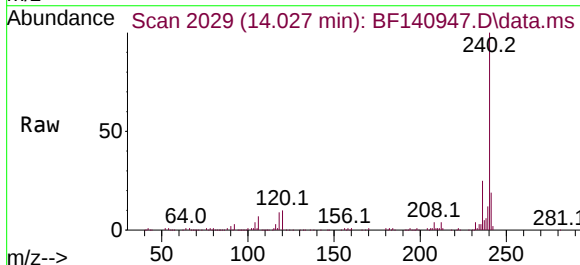
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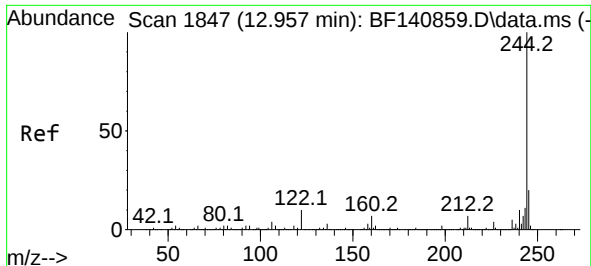
Tgt Ion:188 Resp: 255298
Ion Ratio Lower Upper
188 100
94 8.7 6.4 9.6
80 9.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

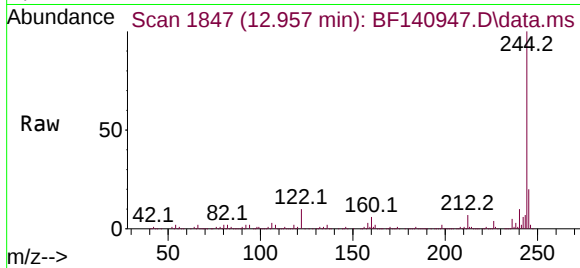
Tgt Ion:240 Resp: 180413
Ion Ratio Lower Upper
240 100
120 10.0 7.6 11.4
236 24.9 20.5 30.7



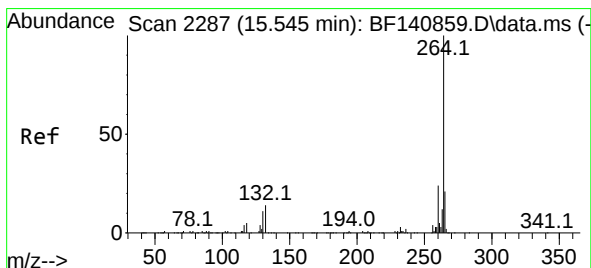
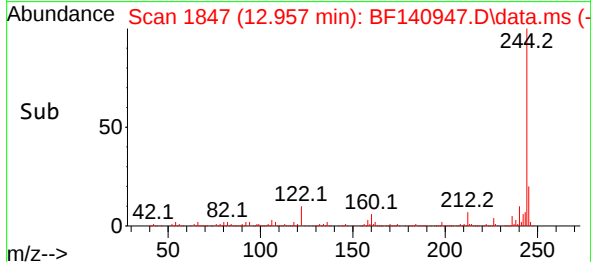
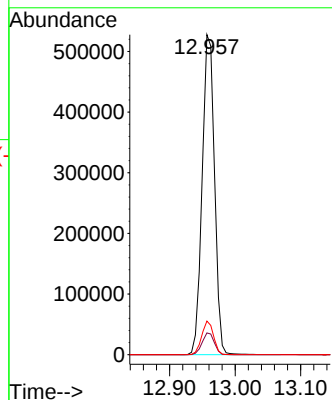


#79
 Terphenyl-d14
 Concen: 60.699 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: BF140947.D
 Acq: 20 Dec 2024 13:44

Instrument :
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Tgt Ion:244 Resp: 694475
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.5 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2283
 Delta R.T. -0.024 min
 Lab File: BF140947.D
 Acq: 20 Dec 2024 13:44

Tgt Ion:264 Resp: 133929
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 21.5 17.0 25.4

