

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140682.D
 Acq On : 02 Dec 2024 10:57
 Operator : RC/JU
 Sample : PB165296BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165296BL

Quant Time: Dec 02 11:18:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73230	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	279727	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	158263	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	307927	20.000	ng	0.00
76) Chrysene-d12	14.068	240	198812	20.000	ng	0.02
86) Perylene-d12	15.598	264	157266	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	624934	145.605	ng	0.01
7) Phenol-d6	6.510	99	801347	141.229	ng	0.00
23) Nitrobenzene-d5	7.434	82	516728	94.488	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	230564	136.216	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1020212	96.046	ng	-0.01
79) Terphenyl-d14	12.986	244	1209487	94.729	ng	0.00

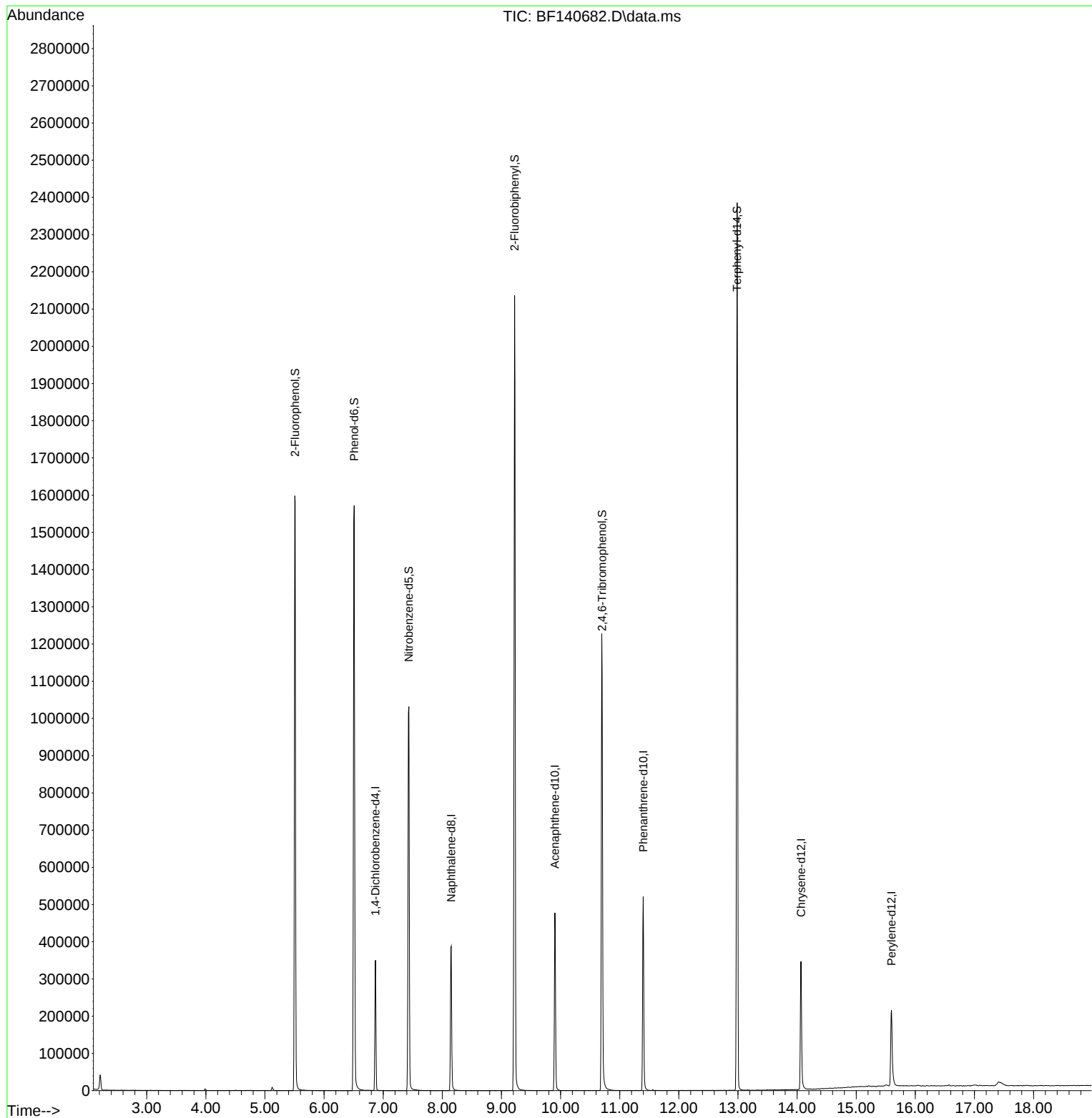
Target Compounds	Qvalue

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

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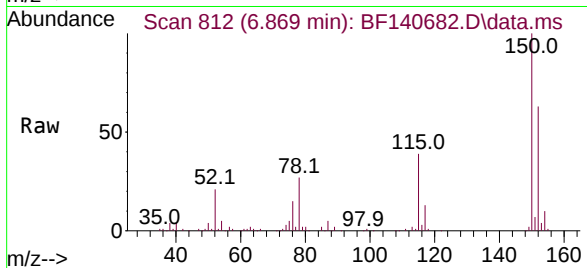
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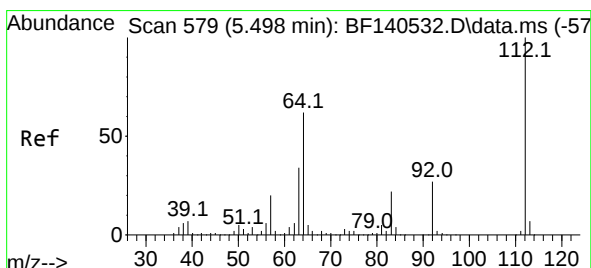
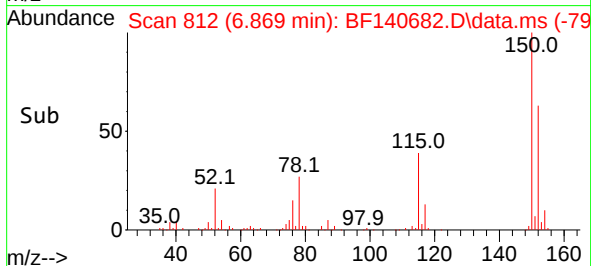
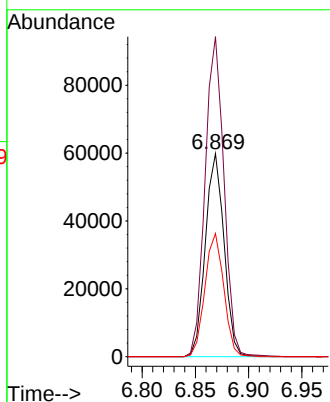


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

Instrument :
BNA_F
ClientSampleId :
PB165296BL

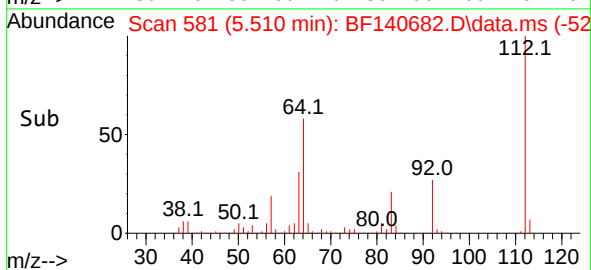
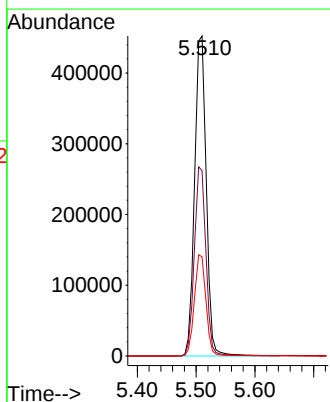
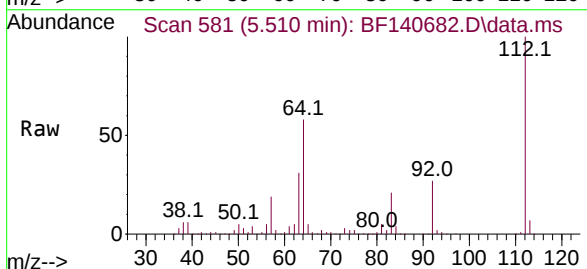


Tgt Ion:152 Resp: 73230
Ion Ratio Lower Upper
152 100
150 157.5 128.5 192.7
115 60.7 50.2 75.4



#5
2-Fluorophenol
Concen: 145.605 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

Tgt Ion:112 Resp: 624934
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 31.0 27.0 40.4

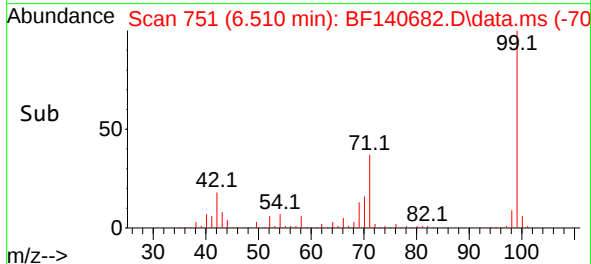
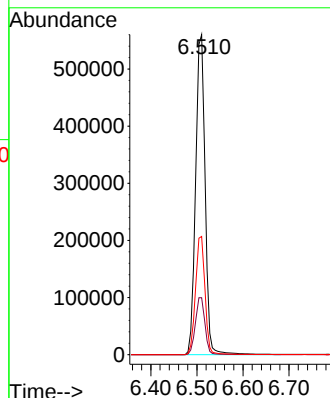
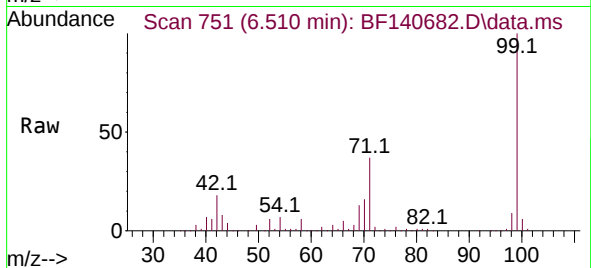




#7
Phenol-d6
Concen: 141.229 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

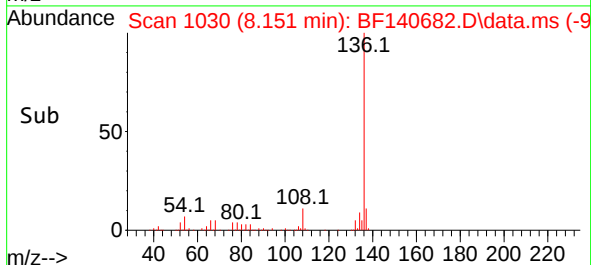
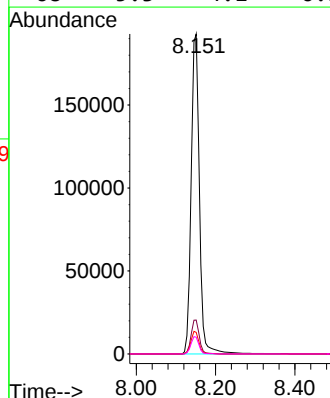
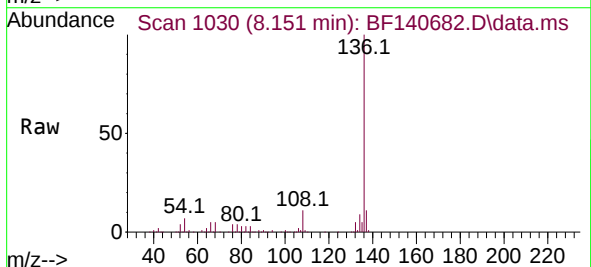
Instrument :
BNA_F
ClientSampleId :
PB165296BL

Tgt Ion: 99 Resp: 801347
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 37.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

Tgt Ion: 136 Resp: 279727
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.8 5.8 8.8
68 5.3 4.1 6.1

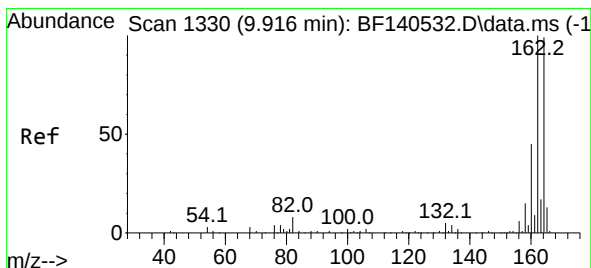
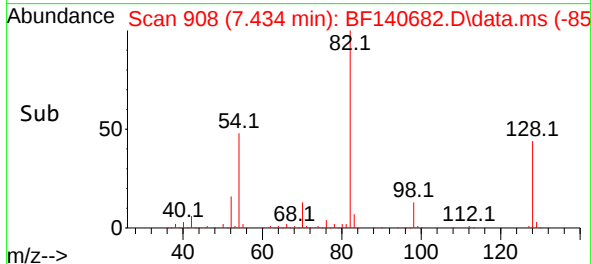
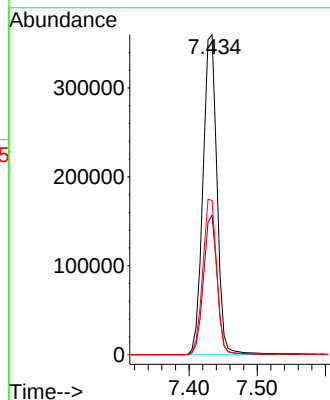
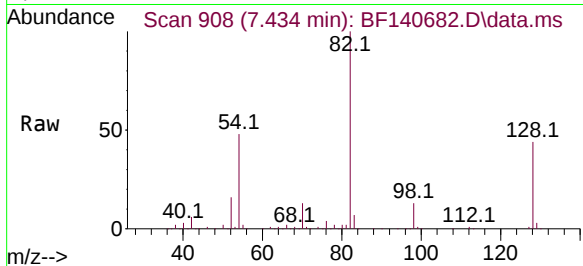




#23
Nitrobenzene-d5
Concen: 94.488 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

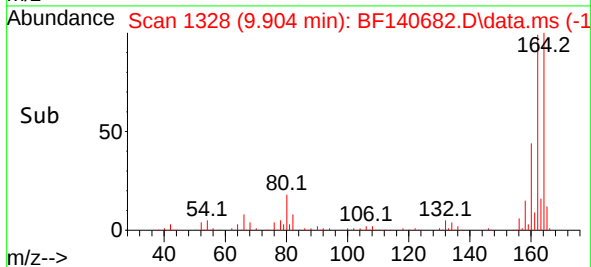
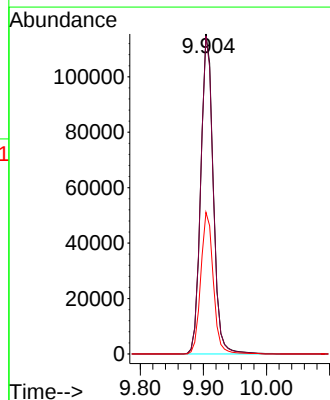
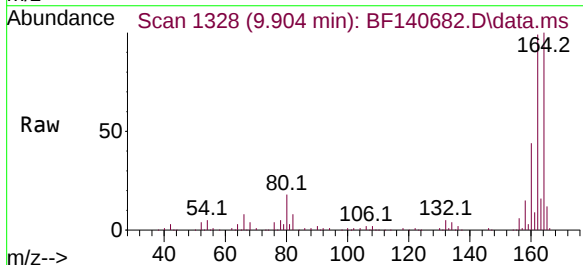
Instrument :
BNA_F
ClientSampleId :
PB165296BL

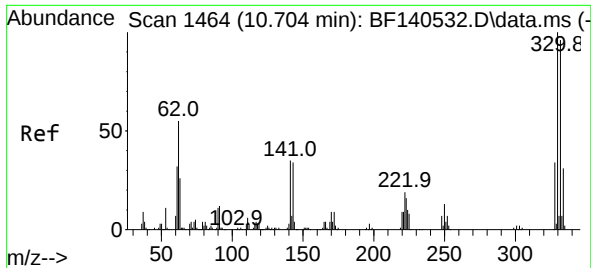
Tgt Ion: 82 Resp: 516728
Ion Ratio Lower Upper
82 100
128 43.6 33.0 49.4
54 48.2 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

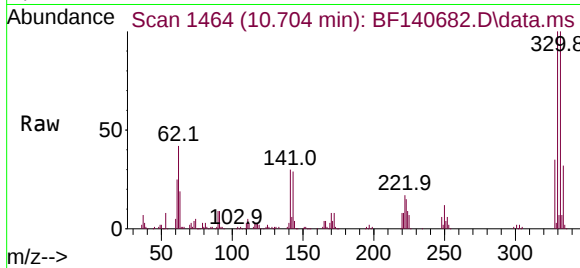
Tgt Ion:164 Resp: 158263
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 44.3 36.2 54.4



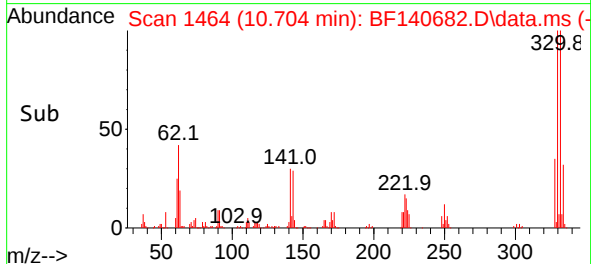
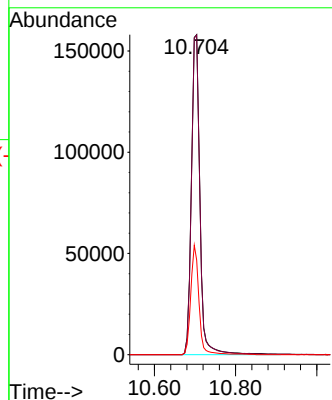


#42
2,4,6-Tribromophenol
Concen: 136.216 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

Instrument :
BNA_F
ClientSampleId :
PB165296BL

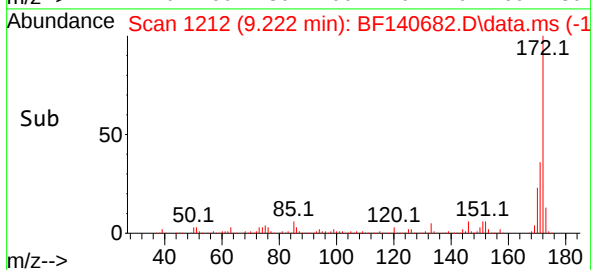
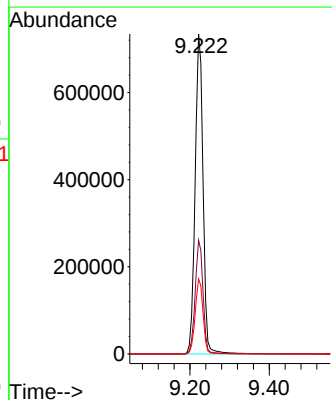
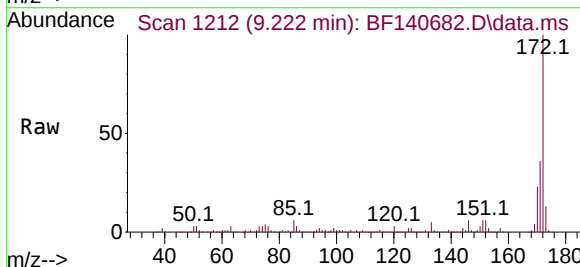


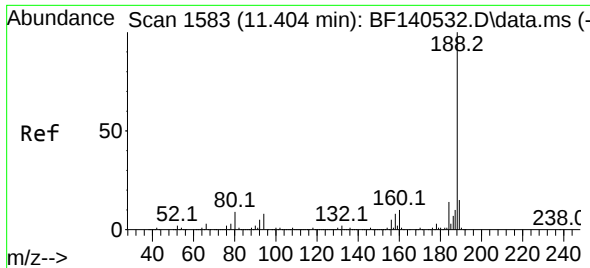
Tgt Ion:330 Resp: 230564
Ion Ratio Lower Upper
330 100
332 98.0 76.9 115.3
141 33.0 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 96.046 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

Tgt Ion:172 Resp: 1020212
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 19.0 28.6

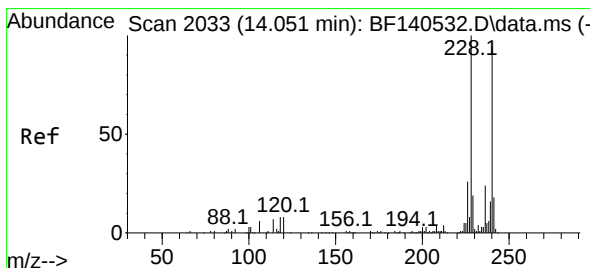
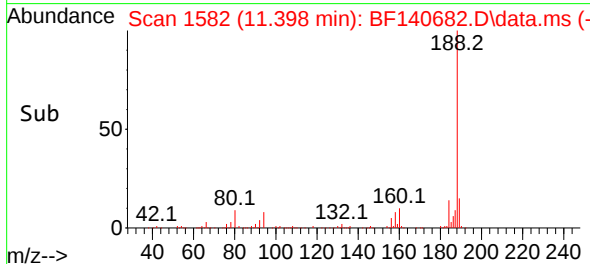
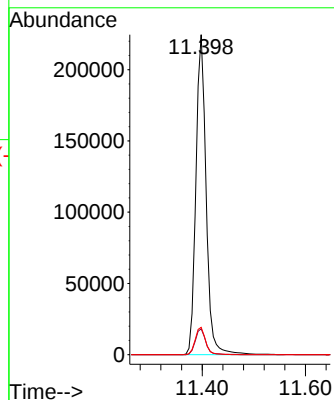
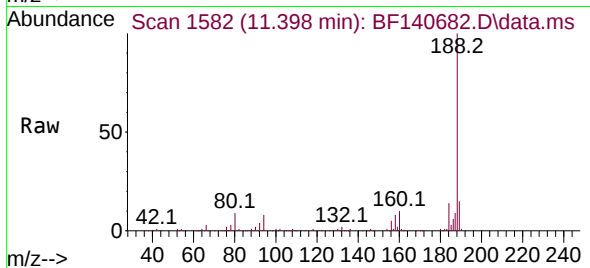




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

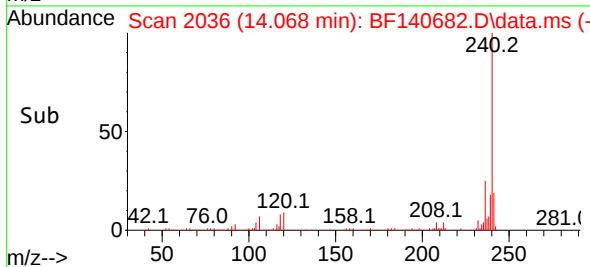
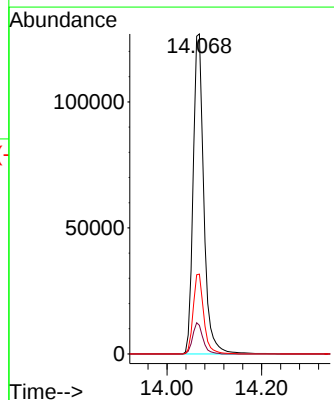
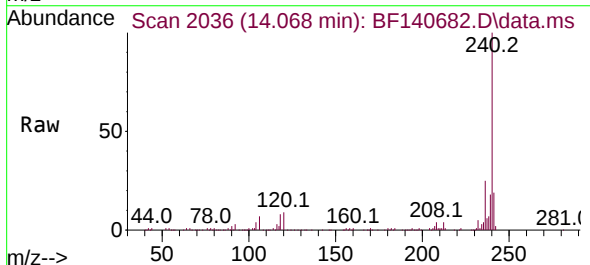
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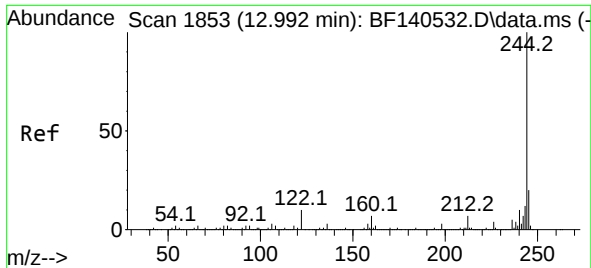
Tgt Ion:188 Resp: 307927
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140682.D
Acq: 02 Dec 2024 10:57

Tgt Ion:240 Resp: 198812
Ion Ratio Lower Upper
240 100
120 9.0 7.3 10.9
236 24.9 20.6 31.0

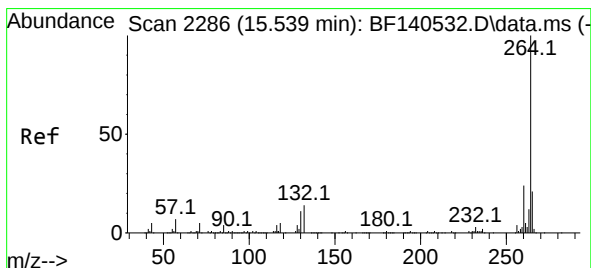
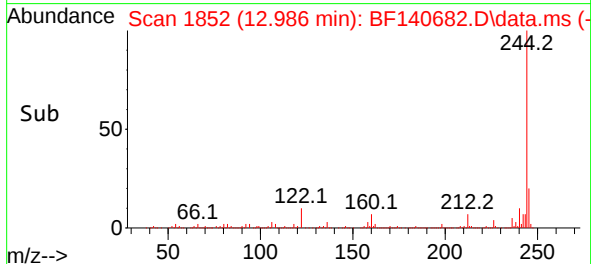
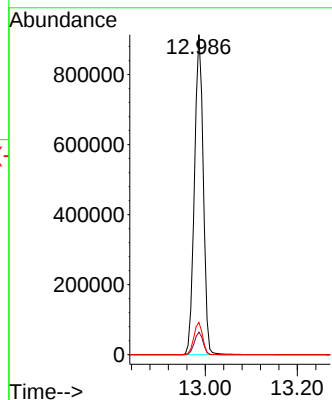
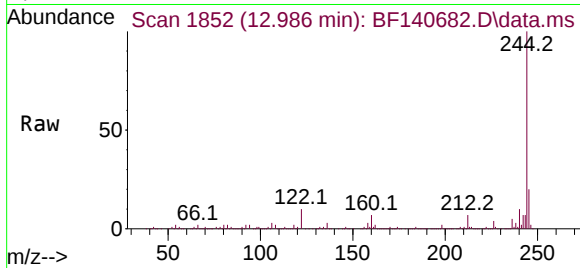




#79
 Terphenyl-d14
 Concen: 94.729 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140682.D
 Acq: 02 Dec 2024 10:57

Instrument :
 BNA_F
 ClientSampleId :
 PB165296BL

Tgt Ion:244 Resp: 1209487
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.598 min Scan# 2296
 Delta R.T. 0.059 min
 Lab File: BF140682.D
 Acq: 02 Dec 2024 10:57

Tgt Ion:264 Resp: 157266
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.1 16.6 25.0

