

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142077.D
 Acq On : 25 Mar 2025 14:37
 Operator : RC/JU
 Sample : PB167254BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167254BL

Quant Time: Mar 25 15:11:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	115903	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	456229	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	260856	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	480962	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	245623	20.000	ng	0.00
86) Perylene-d12	15.510	264	169754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1043959	150.326	ng	0.00
7) Phenol-d6	6.498	99	1280410	144.809	ng	0.00
23) Nitrobenzene-d5	7.434	82	846542	104.421	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	568102	171.668	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1815144	105.824	ng	-0.01
79) Terphenyl-d14	12.980	244	2495861	150.231	ng	0.00

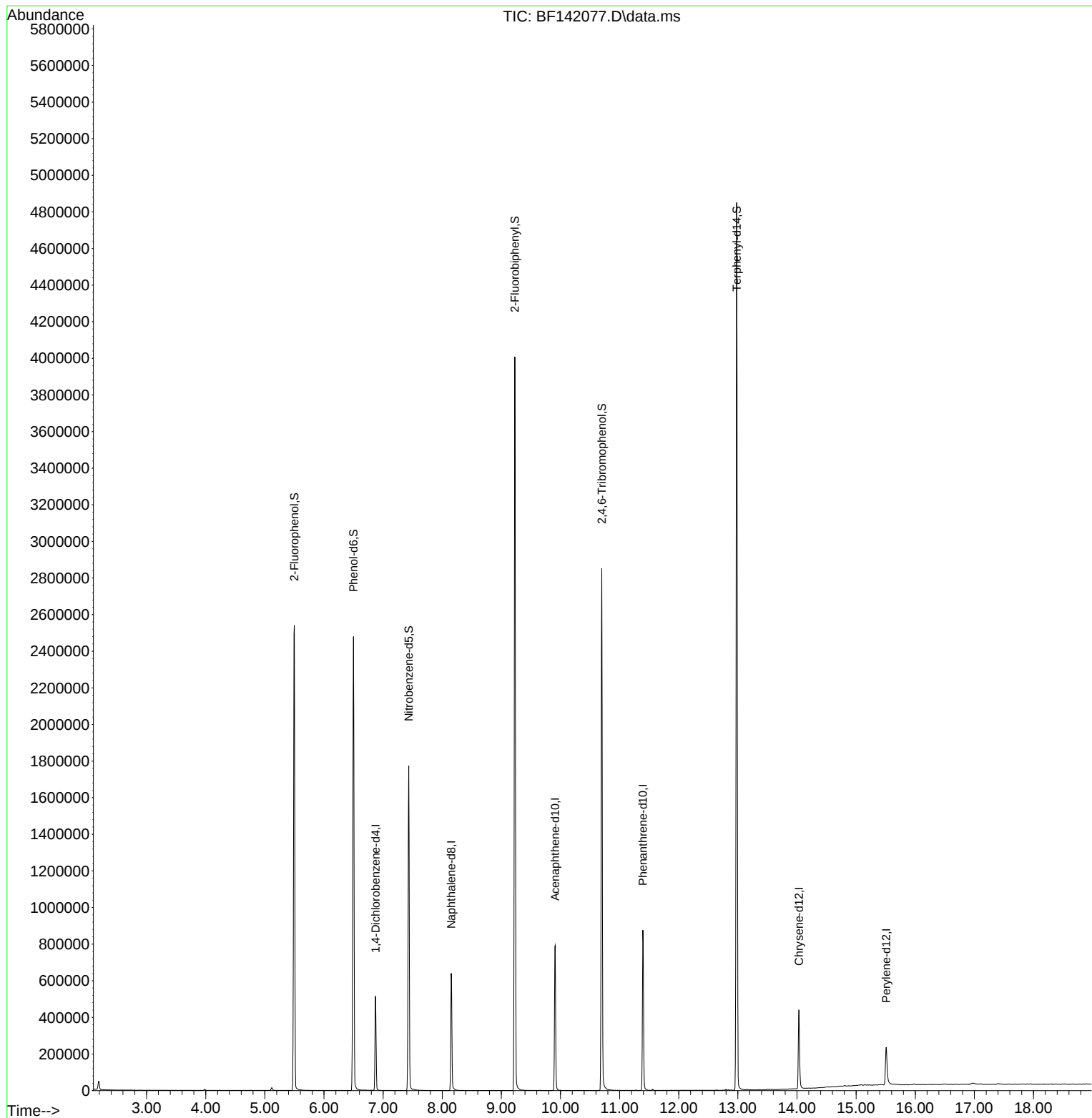
Target Compounds Qvalue

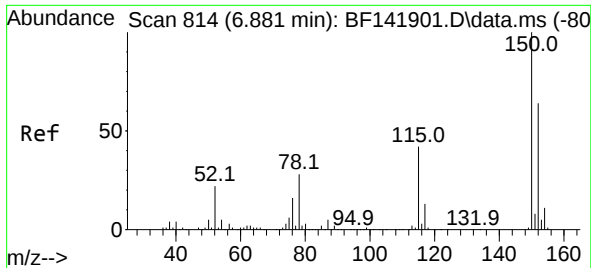
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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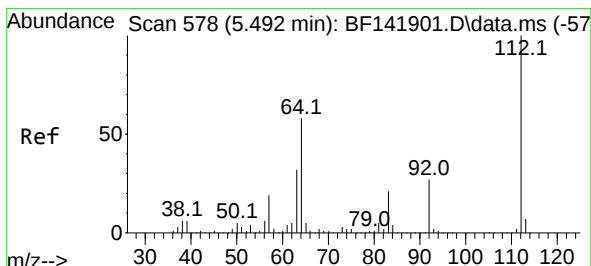
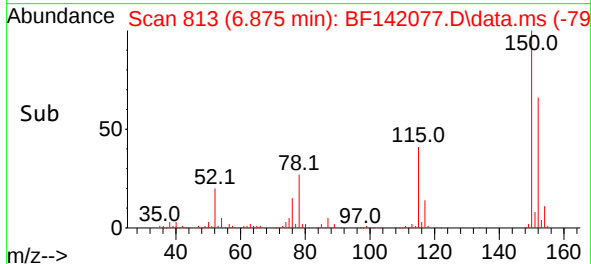
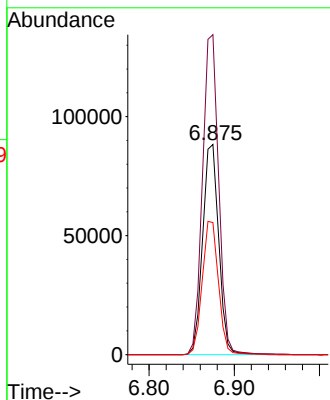
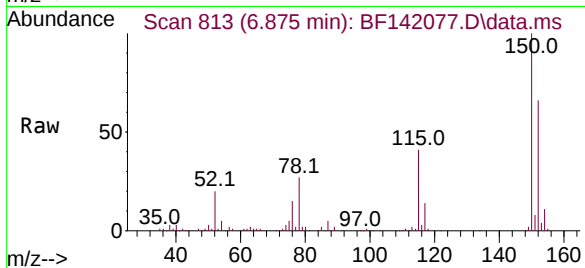




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142077.D
Acq: 25 Mar 2025 14:37

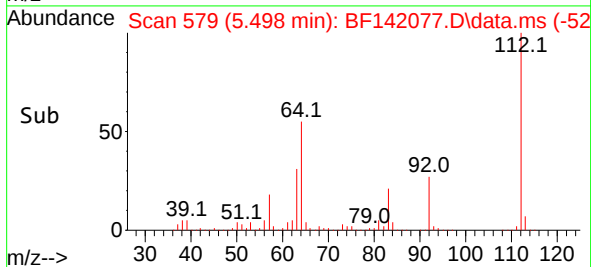
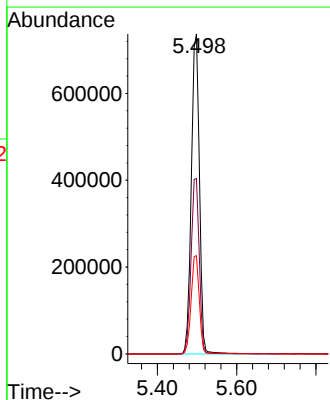
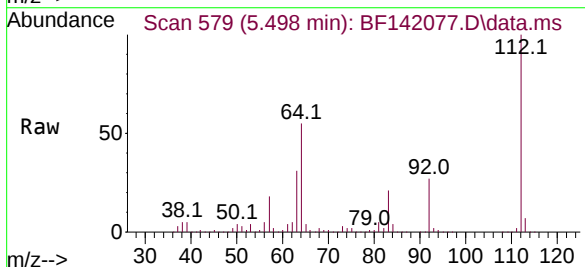
Instrument :
BNA_F
ClientSampleId :
PB167254BL

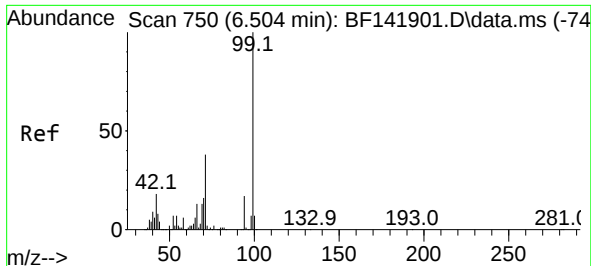
Tgt Ion:152 Resp: 115903
Ion Ratio Lower Upper
152 100
150 152.2 127.4 191.2
115 62.8 51.9 77.9



#5
2-Fluorophenol
Concen: 150.326 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142077.D
Acq: 25 Mar 2025 14:37

Tgt Ion:112 Resp: 1043959
Ion Ratio Lower Upper
112 100
64 54.8 46.5 69.7
63 30.7 25.4 38.2

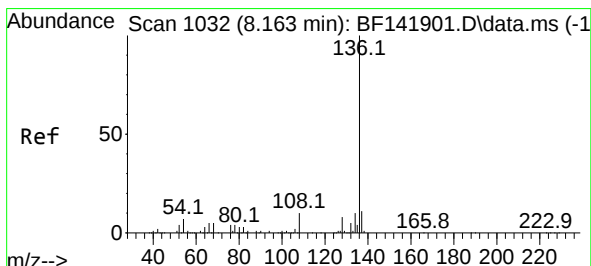
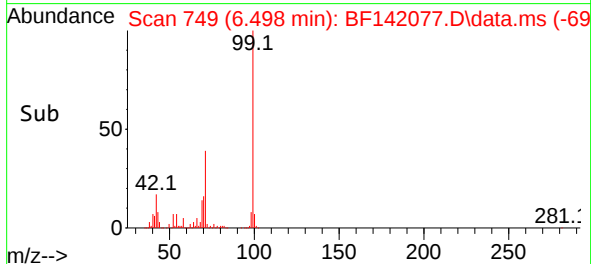
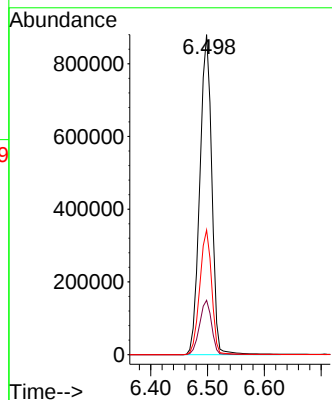
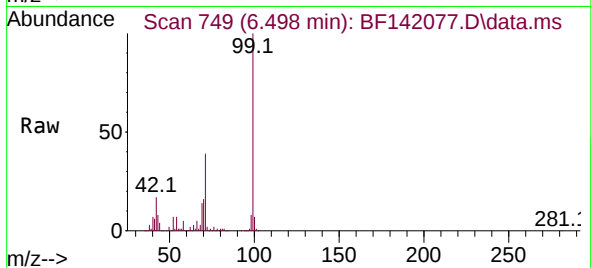




#7
Phenol-d6
Concen: 144.809 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142077.D
Acq: 25 Mar 2025 14:37

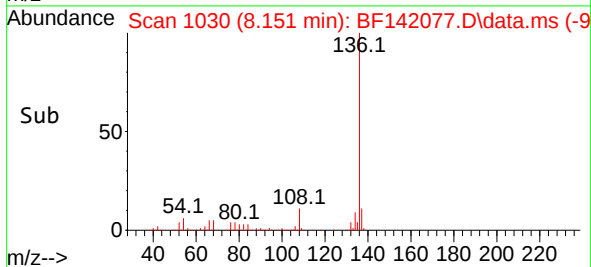
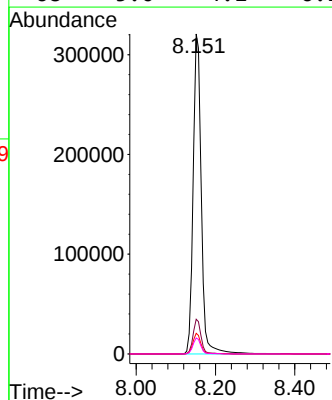
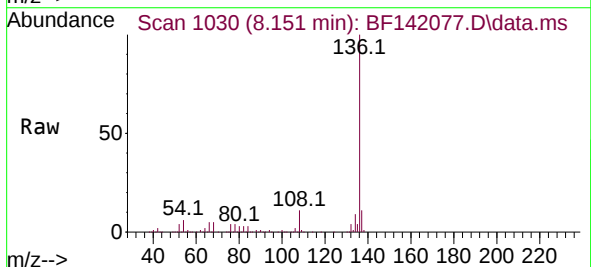
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ClientSampleId :
PB167254BL

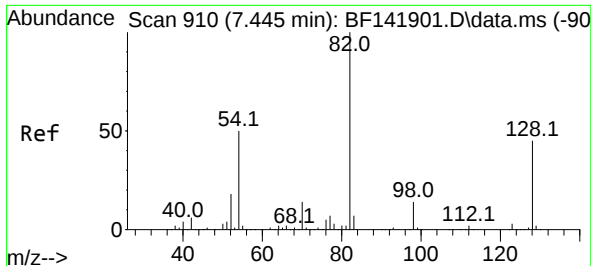
Tgt Ion: 99 Resp: 1280410
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 38.9 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142077.D
Acq: 25 Mar 2025 14:37

Tgt Ion:136 Resp: 456229
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.4 5.8 8.8
68 5.0 4.1 6.1

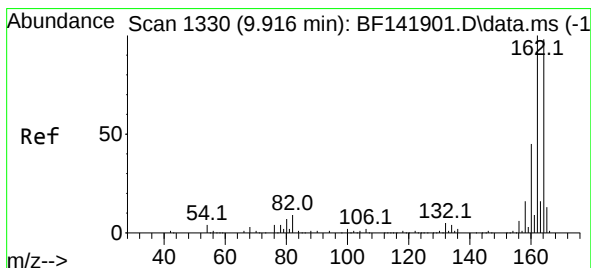
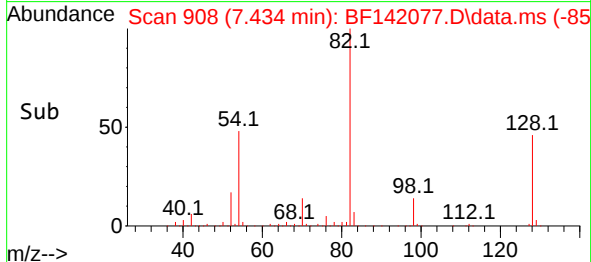
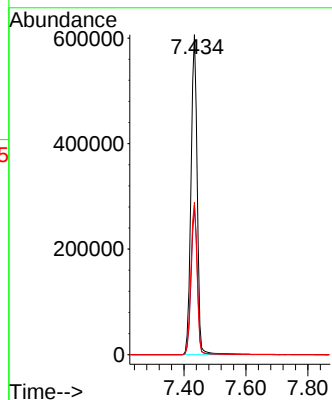
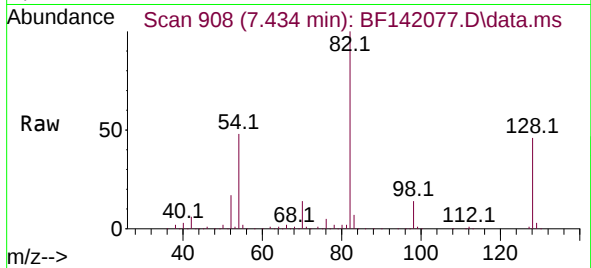




#23
 Nitrobenzene-d5
 Concen: 104.421 ng
 RT: 7.434 min Scan# 90
 Delta R.T. -0.012 min
 Lab File: BF142077.D
 Acq: 25 Mar 2025 14:37

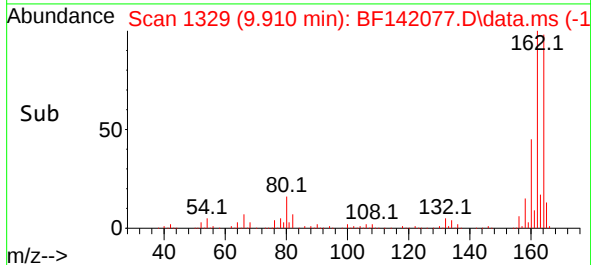
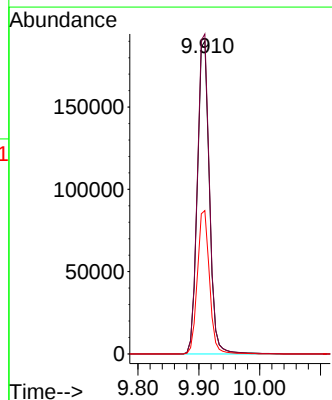
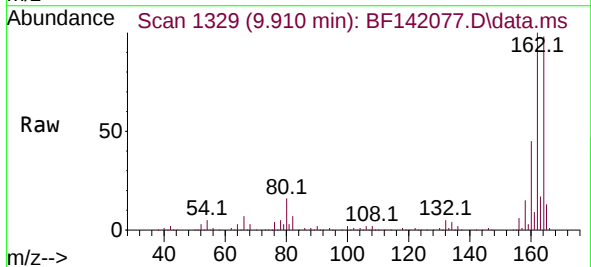
Instrument :
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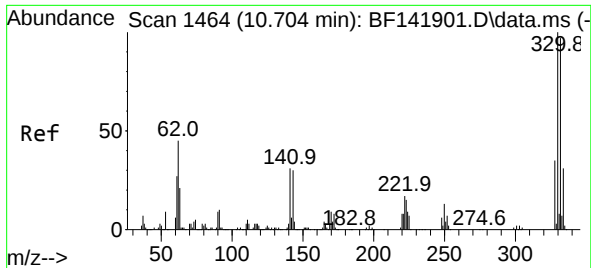
Tgt Ion: 82 Resp: 846542
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.0 54.0
 54 47.6 39.6 59.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF142077.D
 Acq: 25 Mar 2025 14:37

Tgt Ion:164 Resp: 260856
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.8 122.6
 160 45.8 36.7 55.1

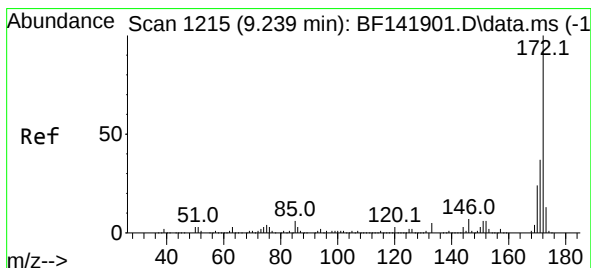
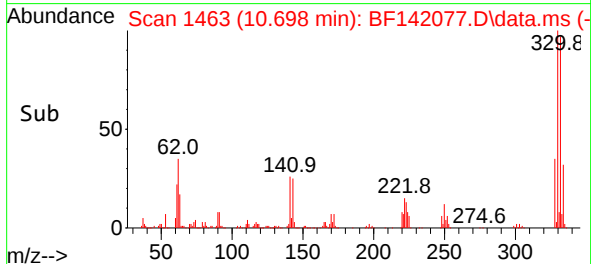
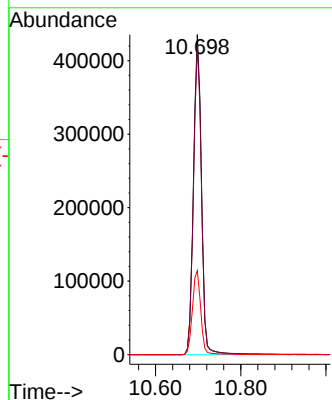
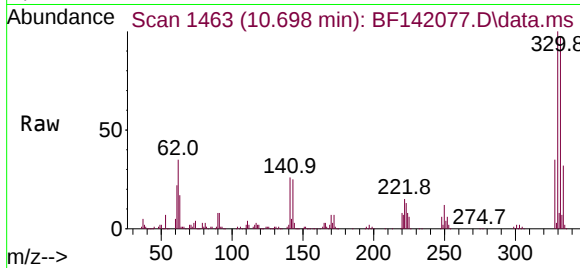




#42
 2,4,6-Tribromophenol
 Concen: 171.668 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF142077.D
 Acq: 25 Mar 2025 14:37

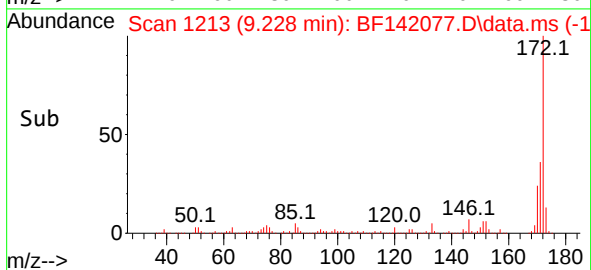
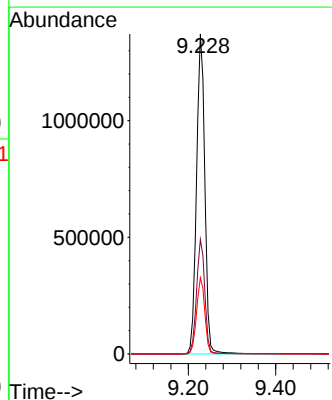
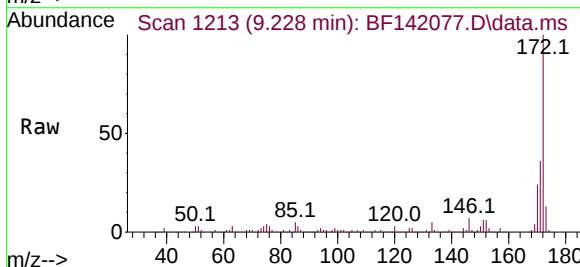
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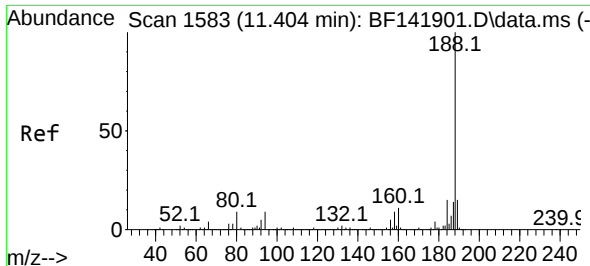
Tgt Ion:330 Resp: 568102
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.6 116.4
 141 27.6 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 105.824 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142077.D
 Acq: 25 Mar 2025 14:37

Tgt Ion:172 Resp: 1815144
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.3 43.9
 170 23.8 19.4 29.0

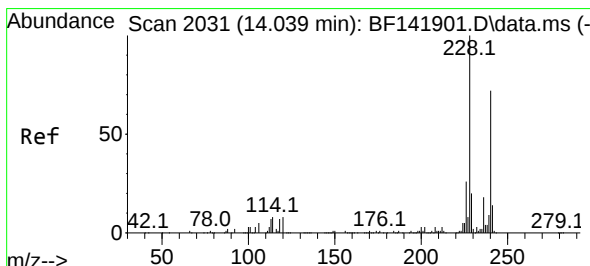
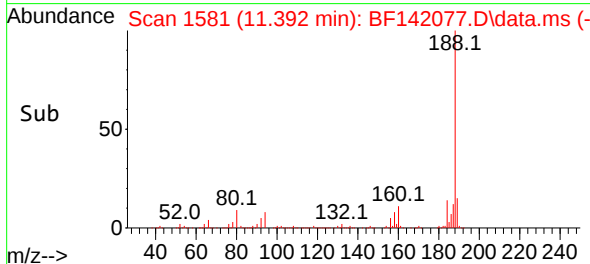
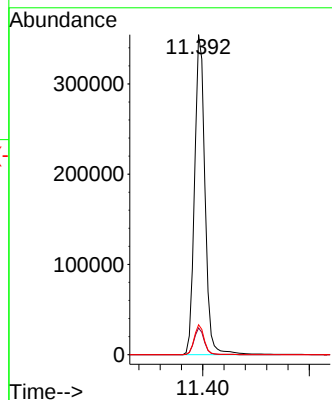
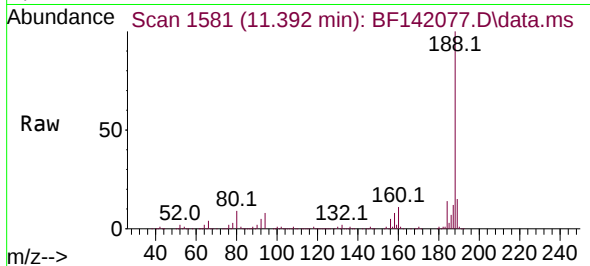




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142077.D
Acq: 25 Mar 2025 14:37

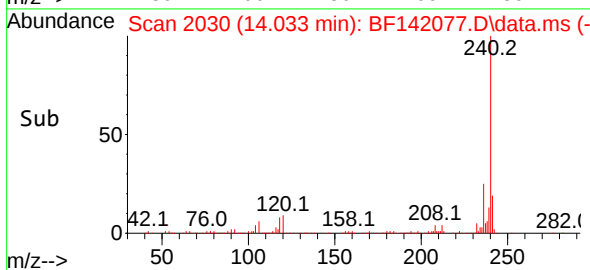
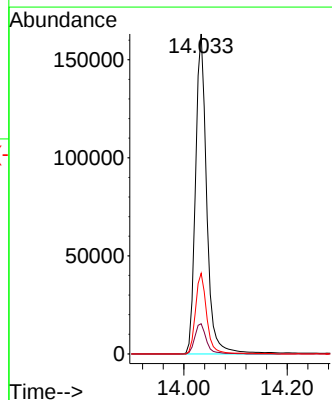
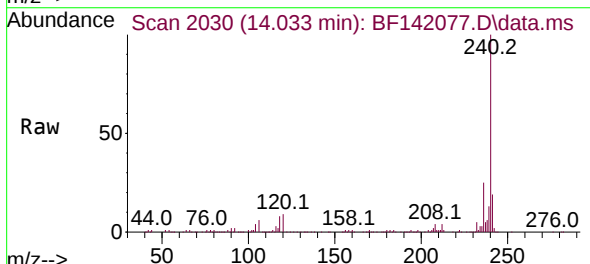
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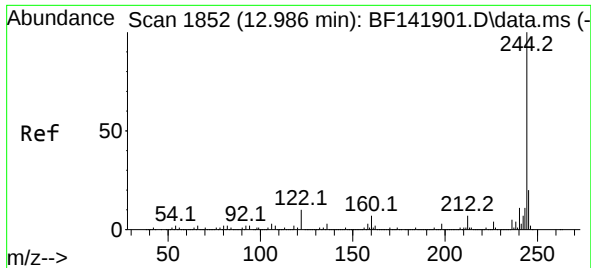
Tgt Ion:188 Resp: 480962
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142077.D
Acq: 25 Mar 2025 14:37

Tgt Ion:240 Resp: 245623
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 25.2 20.5 30.7

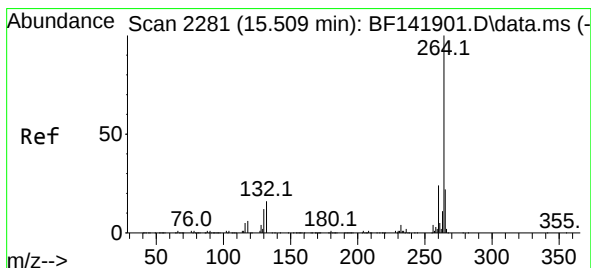
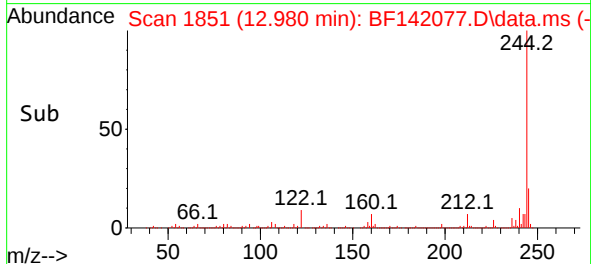
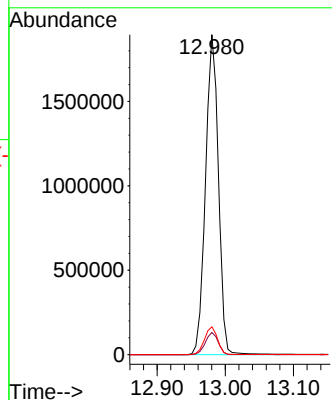
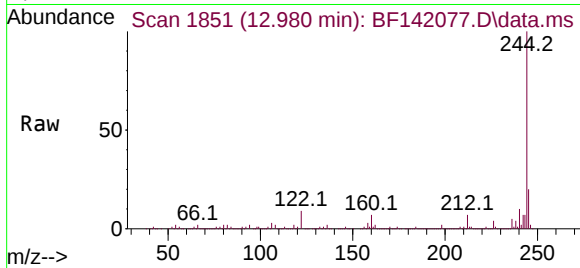




#79
 Terphenyl-d14
 Concen: 150.231 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF142077.D
 Acq: 25 Mar 2025 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB167254BL

Tgt Ion:244 Resp: 2495861
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.7 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF142077.D
 Acq: 25 Mar 2025 14:37

Tgt Ion:264 Resp: 169754
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 20.8 17.5 26.3

