

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142074.D
 Acq On : 25 Mar 2025 13:07
 Operator : RC/JU
 Sample : PB167230BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167230BL

Quant Time: Mar 25 13:35:08 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	133022	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	531369	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	305019	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	577941	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	313839	20.000	ng	0.00
86) Perylene-d12	15.510	264	208944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1114810	139.870	ng	0.00
7) Phenol-d6	6.498	99	1363922	134.403	ng	0.00
23) Nitrobenzene-d5	7.434	82	917750	97.197	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	609910	157.617	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1944825	96.968	ng	-0.01
79) Terphenyl-d14	12.980	244	2699497	127.170	ng	0.00

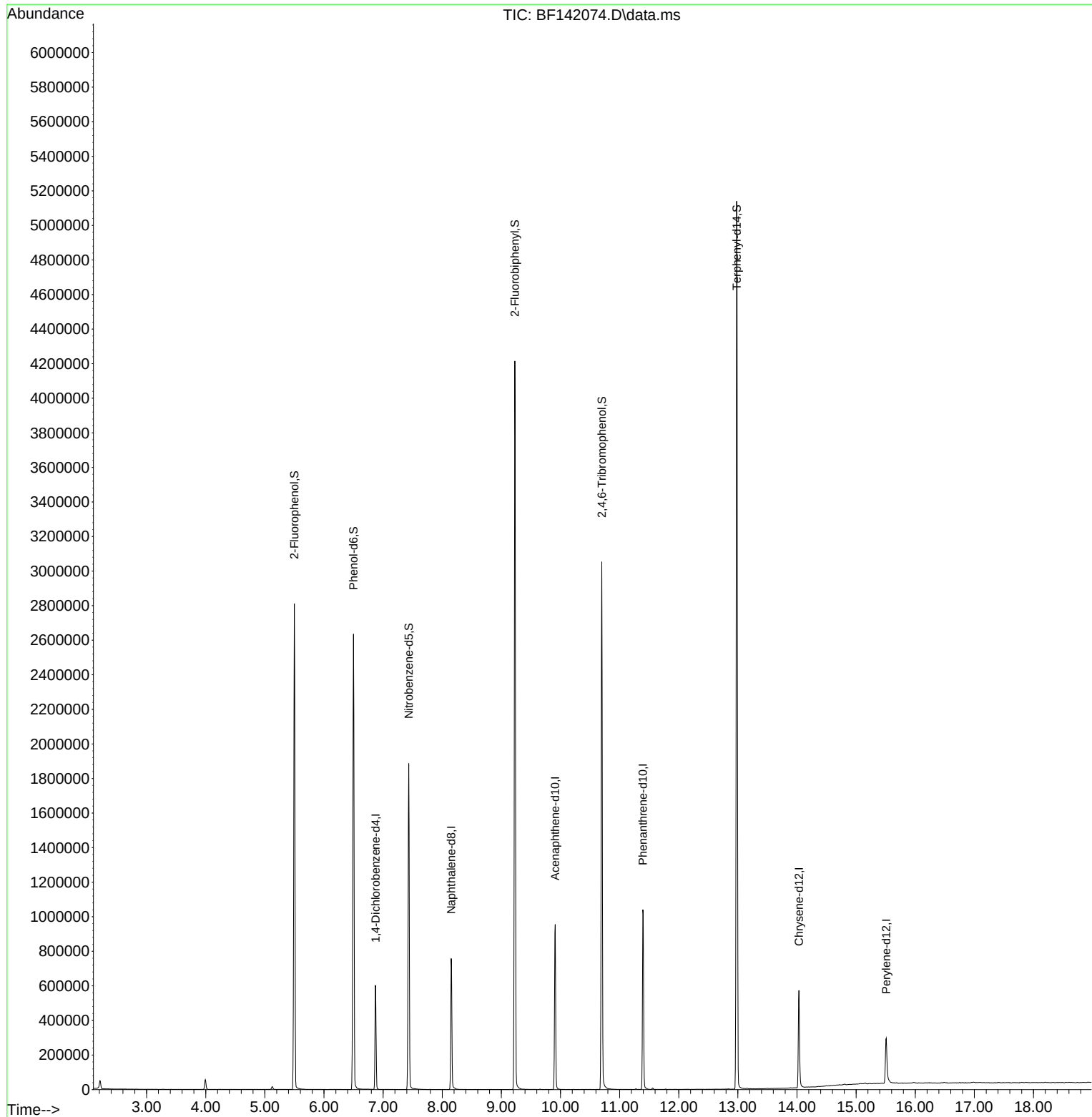
Target Compounds	Qvalue

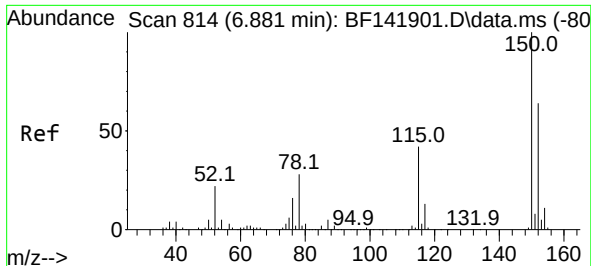
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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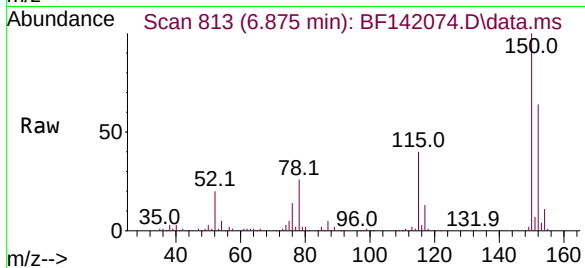
Quant Time: Mar 25 13:35:08 2025
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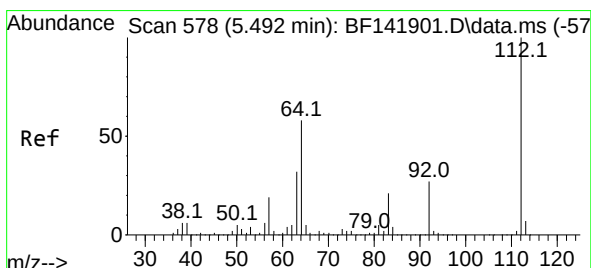
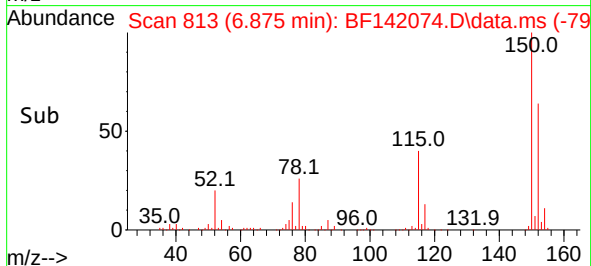
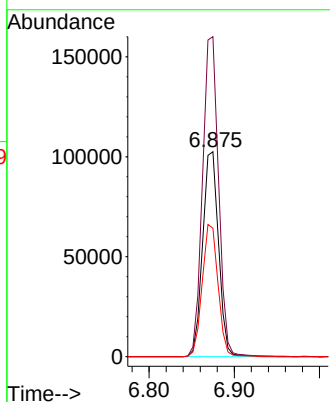


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142074.D
Acq: 25 Mar 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB167230BL

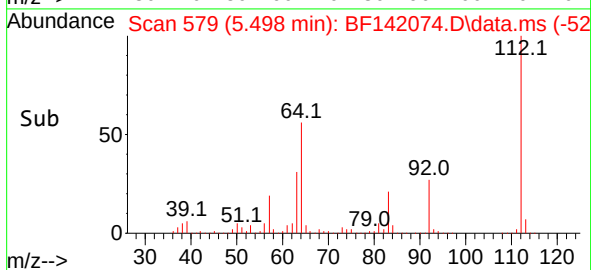
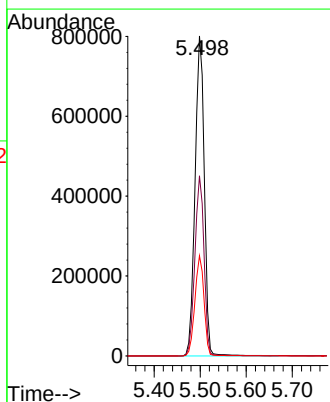
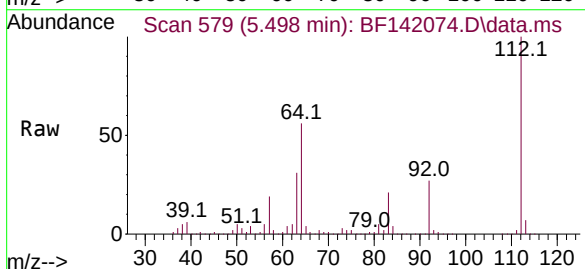


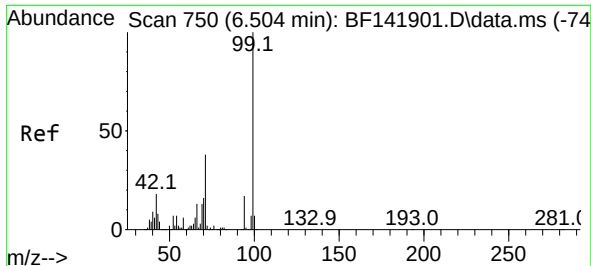
Tgt Ion:152 Resp: 133022
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.2
115 62.7 51.9 77.9



#5
2-Fluorophenol
Concen: 139.870 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142074.D
Acq: 25 Mar 2025 13:07

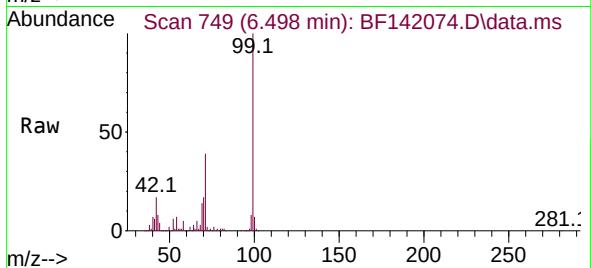
Tgt Ion:112 Resp: 1114810
Ion Ratio Lower Upper
112 100
64 56.3 46.5 69.7
63 31.3 25.4 38.2





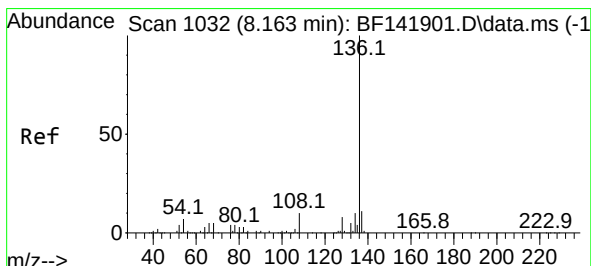
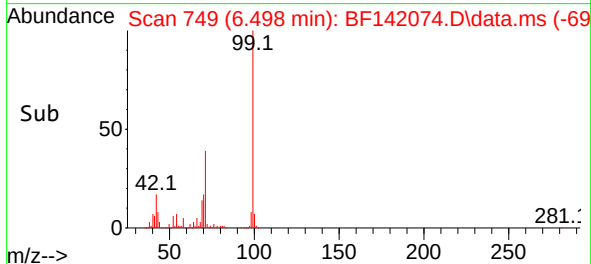
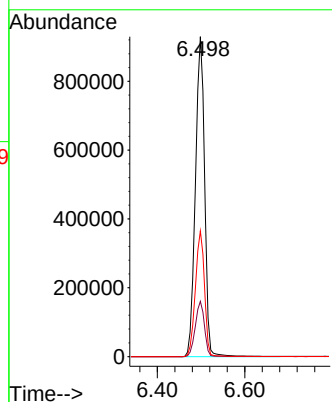
#7
Phenol-d6
Concen: 134.403 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142074.D
Acq: 25 Mar 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB167230BL



Tgt Ion: 99 Resp: 1363922

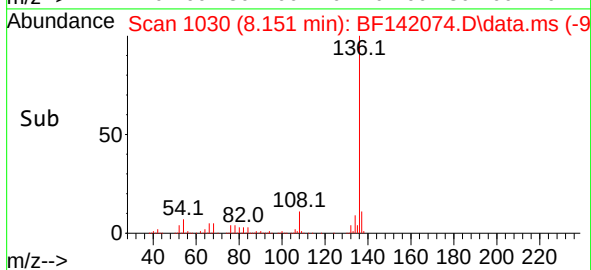
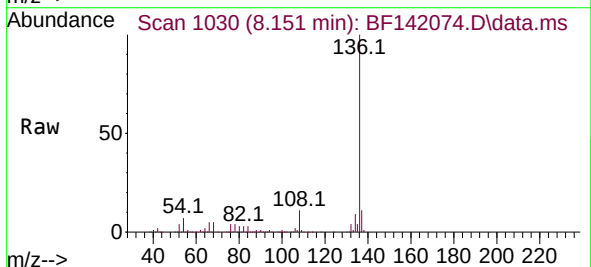
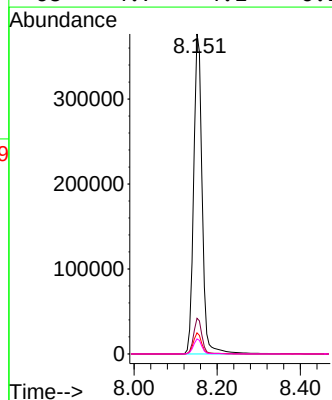
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.6	21.8
71	39.3	30.8	46.2

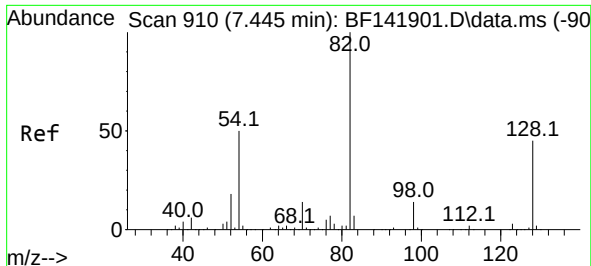


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142074.D
Acq: 25 Mar 2025 13:07

Tgt Ion: 136 Resp: 531369

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.6	5.8	8.8
68	4.7	4.1	6.1

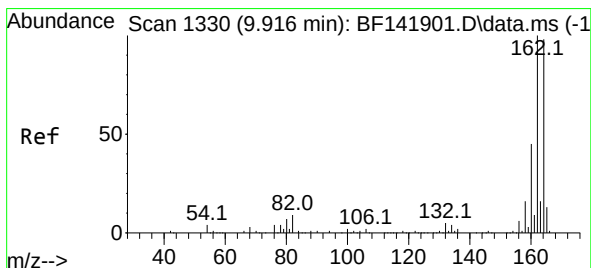
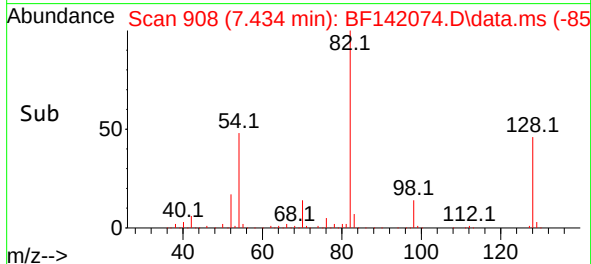
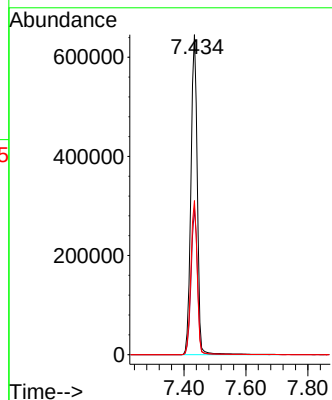
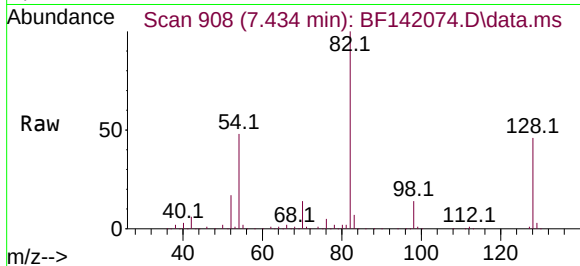




#23
Nitrobenzene-d5
Concen: 97.197 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142074.D
Acq: 25 Mar 2025 13:07

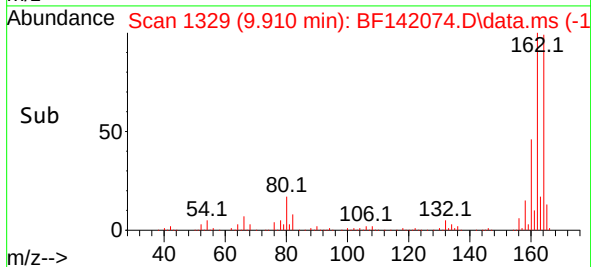
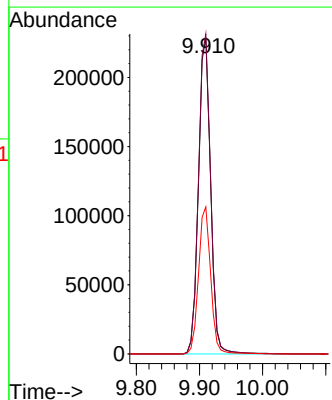
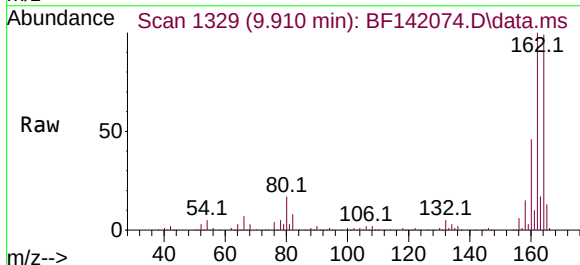
Instrument :
BNA_F
ClientSampleId :
PB167230BL

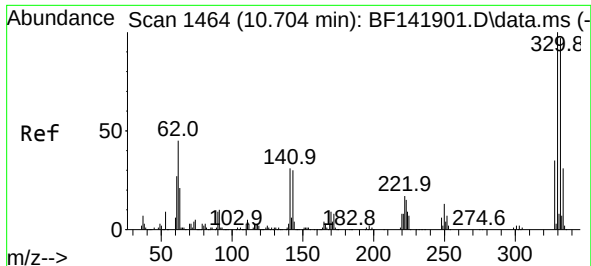
Tgt Ion: 82 Resp: 917750
Ion Ratio Lower Upper
82 100
128 45.8 36.0 54.0
54 48.1 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142074.D
Acq: 25 Mar 2025 13:07

Tgt Ion:164 Resp: 305019
Ion Ratio Lower Upper
164 100
162 101.2 81.8 122.6
160 46.5 36.7 55.1

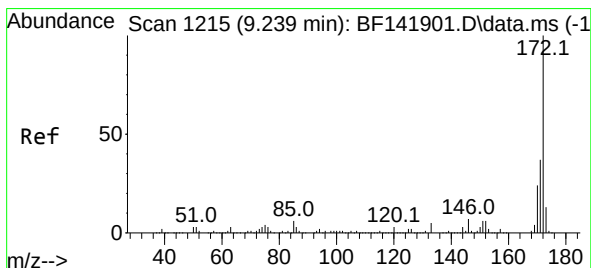
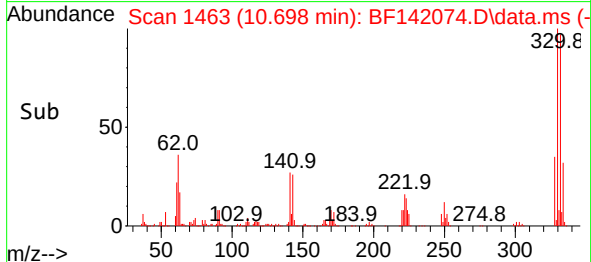
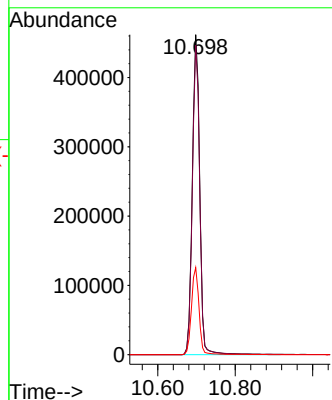
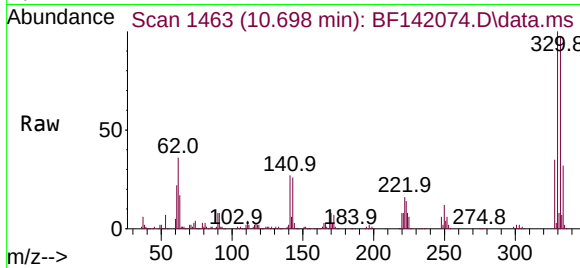




#42
2,4,6-Tribromophenol
Concen: 157.617 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142074.D
Acq: 25 Mar 2025 13:07

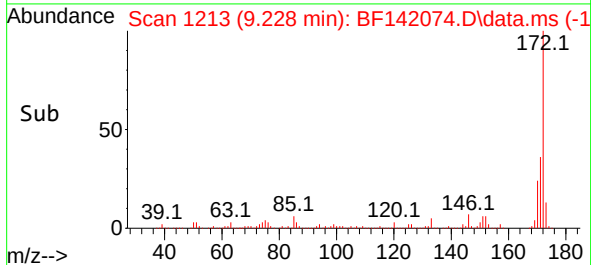
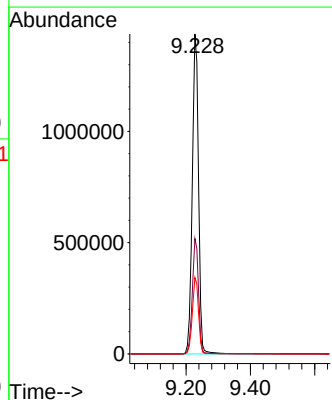
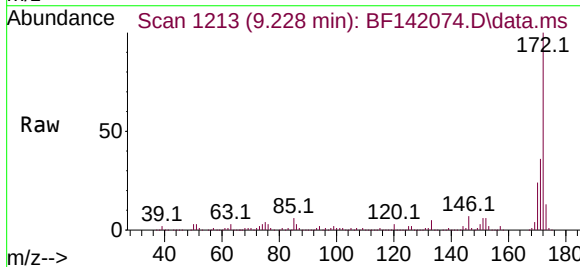
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ClientSampleId :
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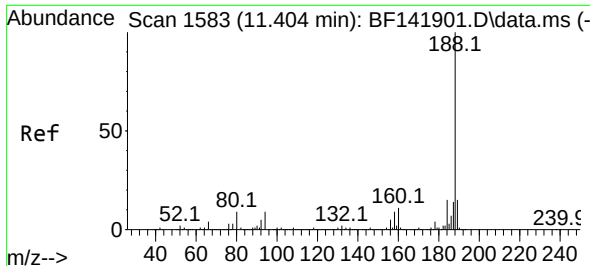
Tgt Ion:330 Resp: 609910
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 27.8 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 96.968 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142074.D
Acq: 25 Mar 2025 13:07

Tgt Ion:172 Resp: 1944825
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 23.8 19.4 29.0

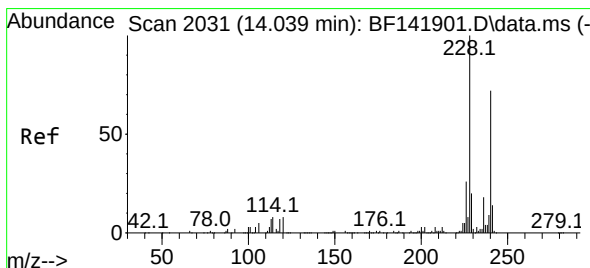
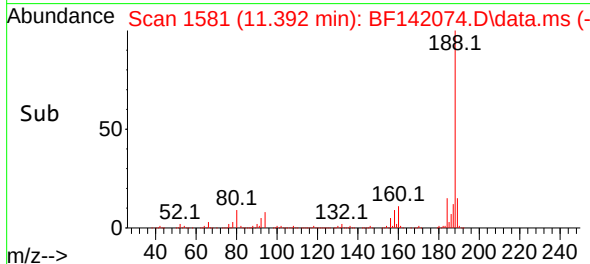
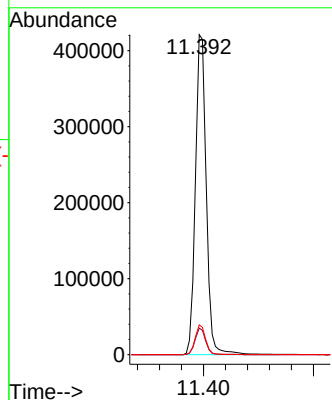
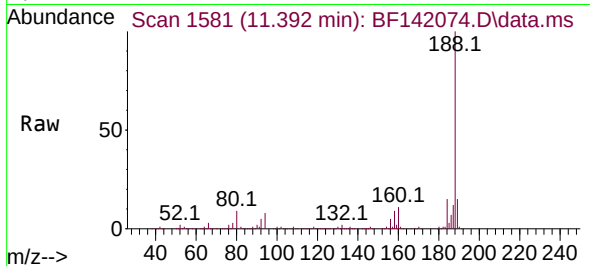




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142074.D
Acq: 25 Mar 2025 13:07

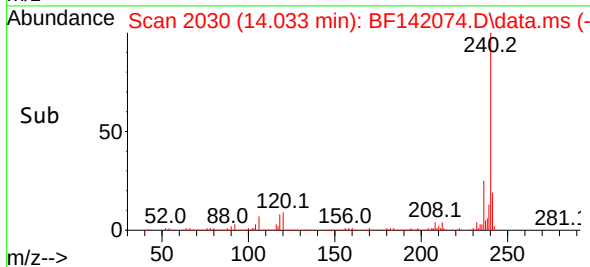
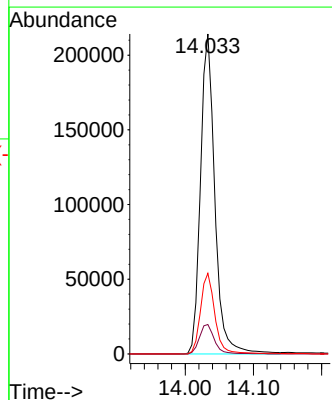
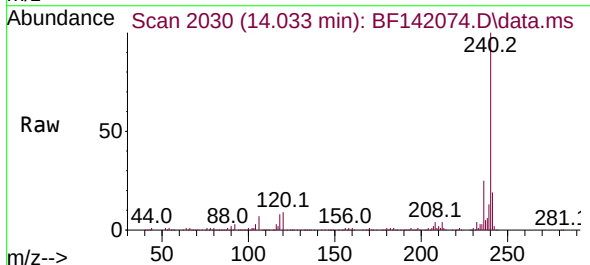
Instrument :
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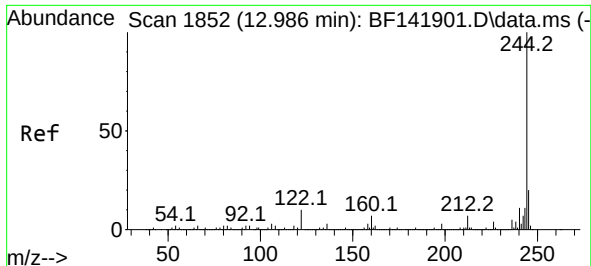
Tgt Ion:188 Resp: 577941
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142074.D
Acq: 25 Mar 2025 13:07

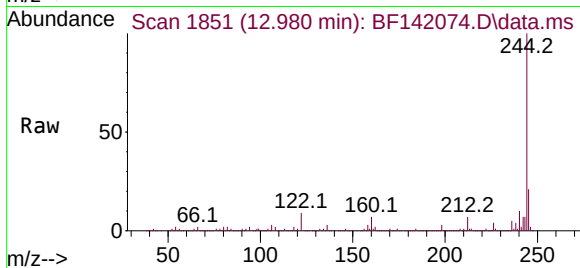
Tgt Ion:240 Resp: 313839
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 25.2 20.5 30.7



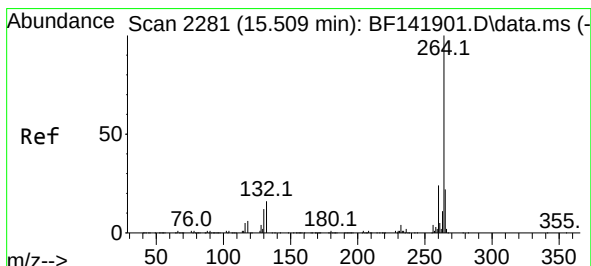
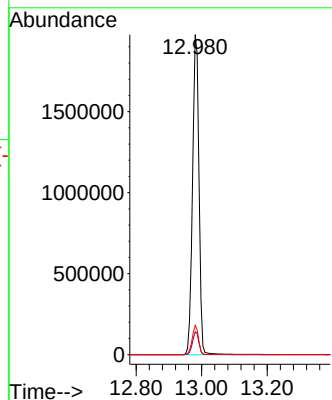
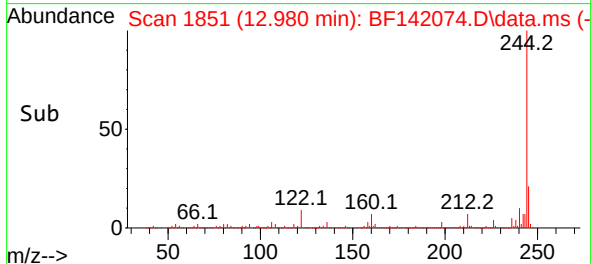


#79
Terphenyl-d14
Concen: 127.170 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF142074.D
Acq: 25 Mar 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB167230BL



Tgt Ion:244 Resp: 2699497
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.1 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: BF142074.D
Acq: 25 Mar 2025 13:07

Tgt Ion:264 Resp: 208944
Ion Ratio Lower Upper
264 100
260 23.1 19.1 28.7
265 22.1 17.5 26.3

