

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036602.D
 Acq On : 14 Mar 2025 10:45
 Operator : RC/JU
 Sample : PB167128BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167128BL

Quant Time: Mar 14 11:09:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2841	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	5859	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2810	0.400	ng	0.00
19) Phenanthrene-d10	17.124	188	5672	0.400	ng	# 0.01
29) Chrysene-d12	21.304	240	3724	0.400	ng	0.00
35) Perylene-d12	23.554	264	3370	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	2519	0.380	ng	0.00
5) Phenol-d6	6.901	99	2530	0.309	ng	0.00
8) Nitrobenzene-d5	8.875	82	2090	0.328	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	2345	0.269	ng	0.01
14) 2,4,6-Tribromophenol	15.883	330	406	0.318	ng	0.03
15) 2-Fluorobiphenyl	13.009	172	3699	0.226	ng	0.02
27) Fluoranthene-d10	19.146	212	5383	0.370	ng	0.00
31) Terphenyl-d14	19.745	244	3582	0.401	ng	0.00

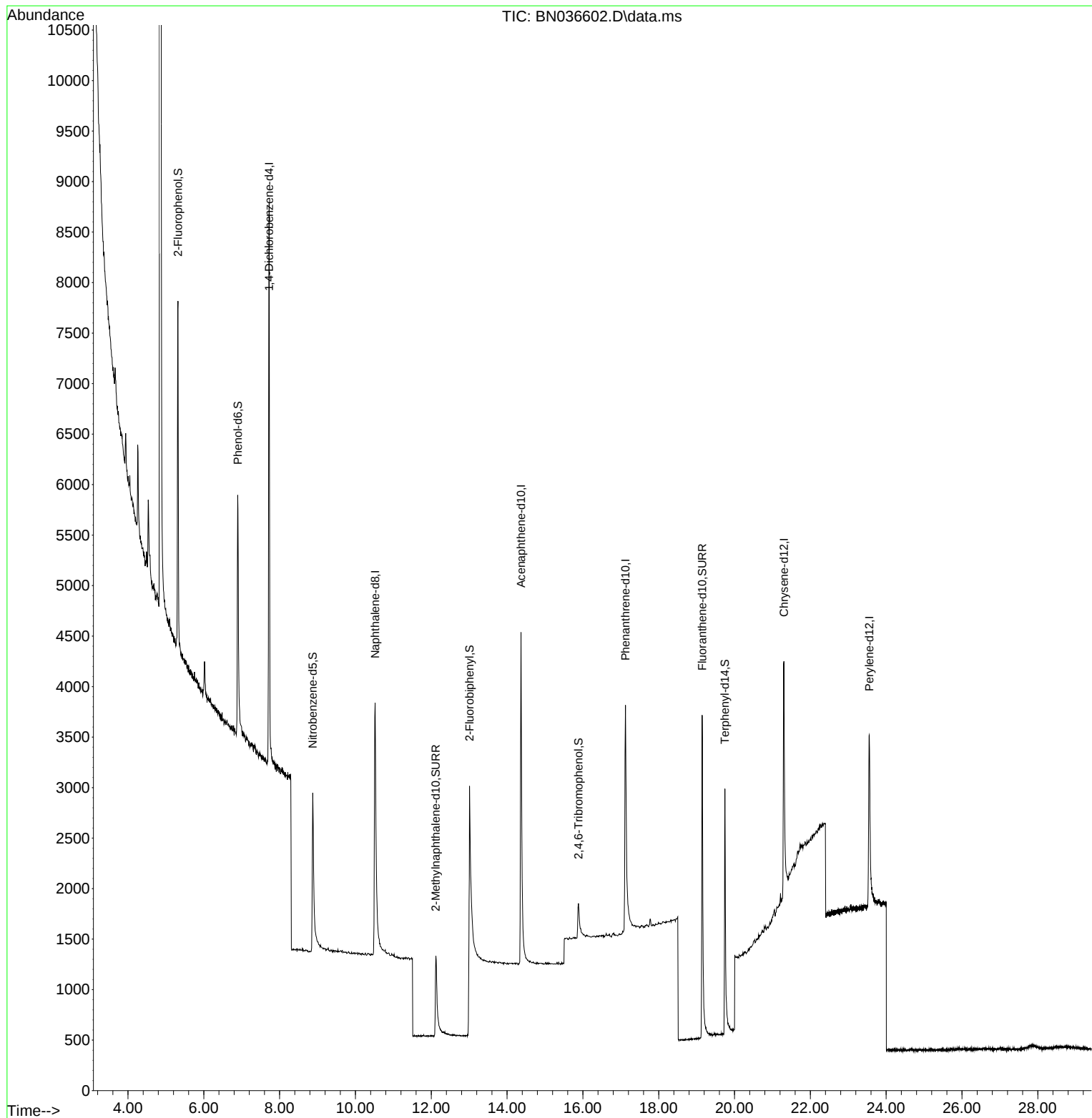
Target Compounds Qvalue

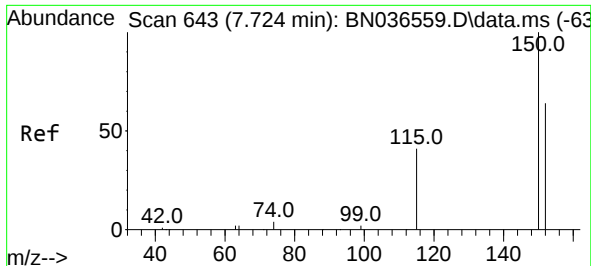
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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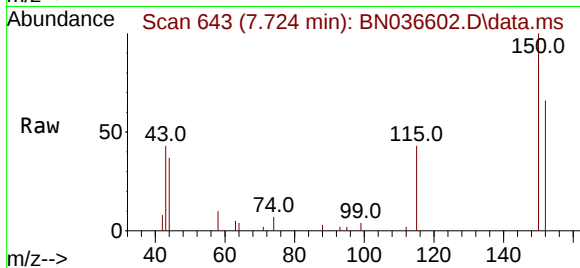
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



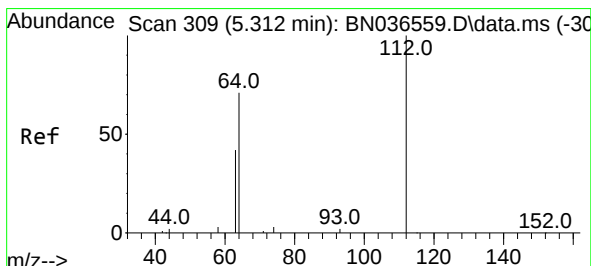
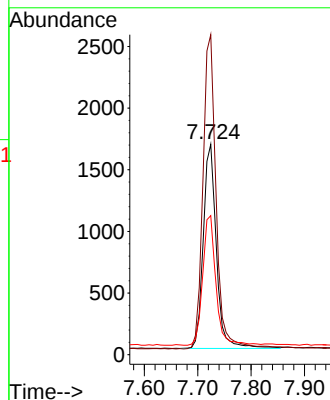
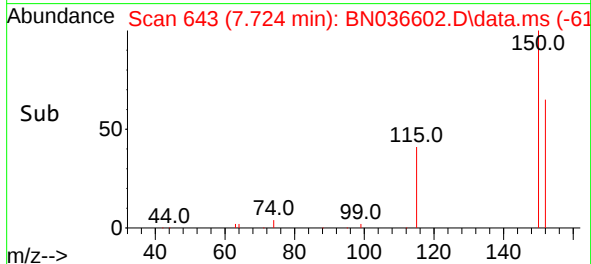


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036602.D
 Acq: 14 Mar 2025 10:45

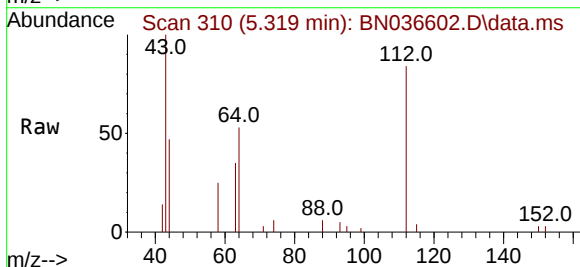
Instrument :
 BNA_N
 ClientSampleId :
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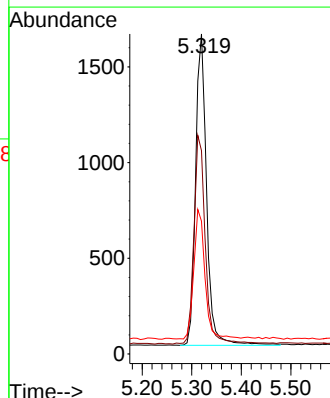
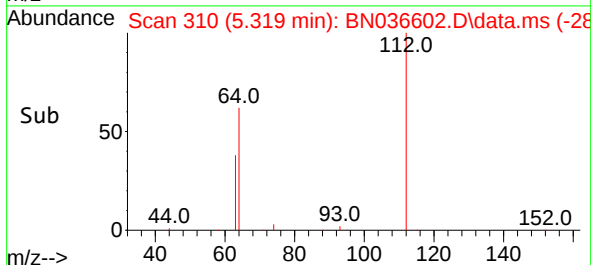
Tgt Ion:152 Resp: 2841
 Ion Ratio Lower Upper
 152 100
 150 152.1 123.7 185.5
 115 66.1 54.3 81.5

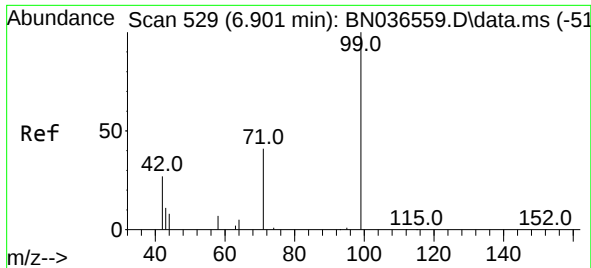


#4
 2-Fluorophenol
 Concen: 0.380 ng
 RT: 5.319 min Scan# 310
 Delta R.T. 0.007 min
 Lab File: BN036602.D
 Acq: 14 Mar 2025 10:45



Tgt Ion:112 Resp: 2519
 Ion Ratio Lower Upper
 112 100
 64 69.5 53.1 79.7
 63 41.8 31.8 47.8

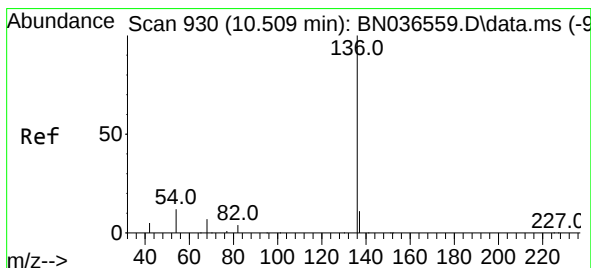
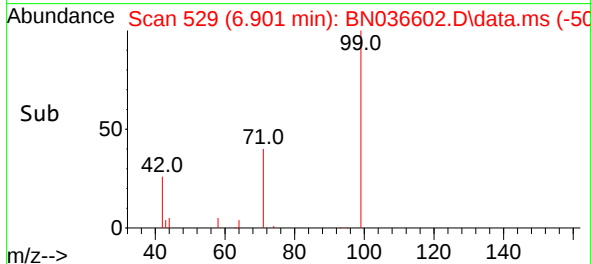
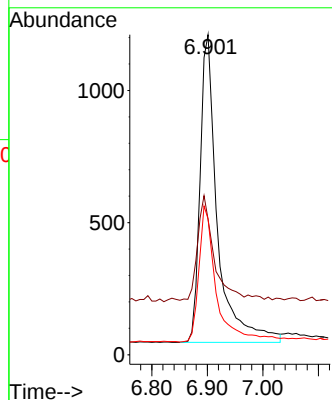
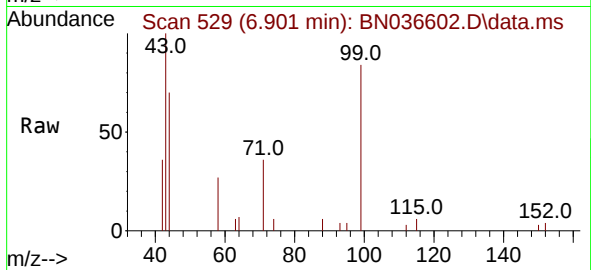




#5
Phenol-d6
Concen: 0.309 ng
RT: 6.901 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN036602.D
Acq: 14 Mar 2025 10:45

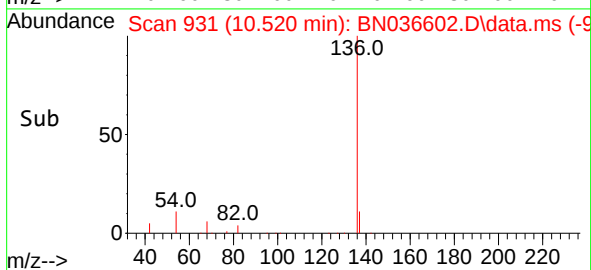
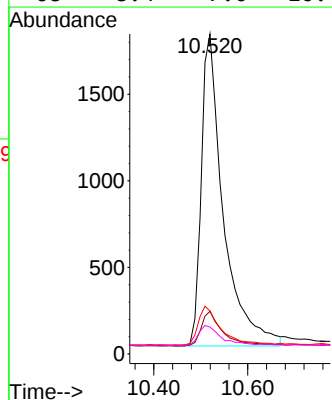
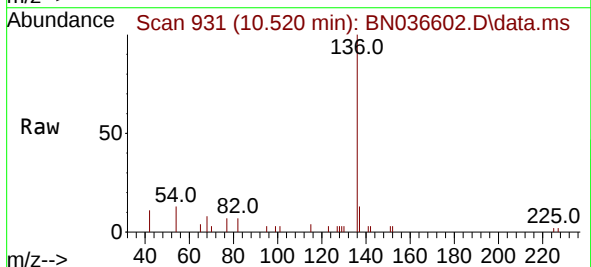
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BNA_N
ClientSampleId :
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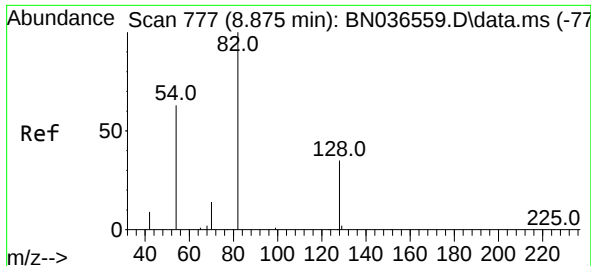
Tgt Ion: 99 Resp: 2530
Ion Ratio Lower Upper
99 100
42 33.0 26.5 39.7
71 45.7 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. 0.011 min
Lab File: BN036602.D
Acq: 14 Mar 2025 10:45

Tgt Ion: 136 Resp: 5859
Ion Ratio Lower Upper
136 100
137 13.3 10.3 15.5
54 13.5 11.5 17.3
68 8.4 7.0 10.4

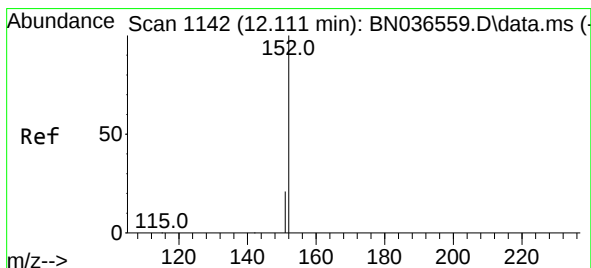
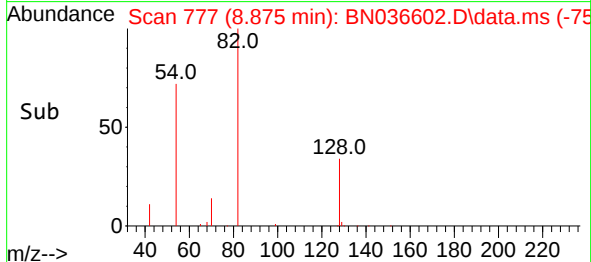
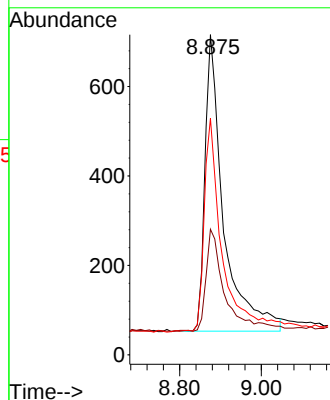
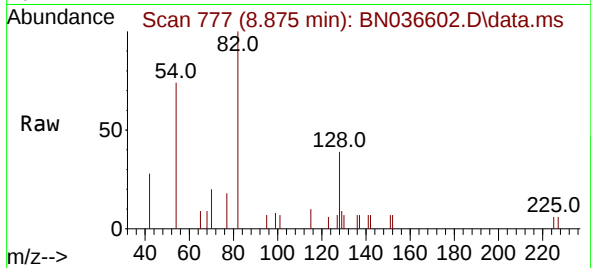




#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 8.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN036602.D
Acq: 14 Mar 2025 10:45

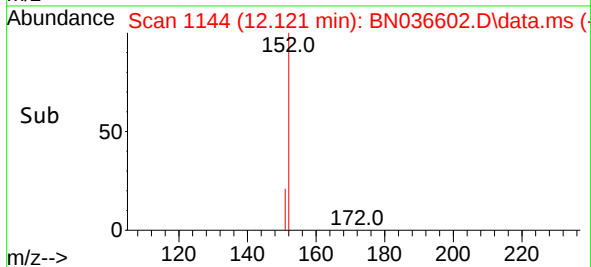
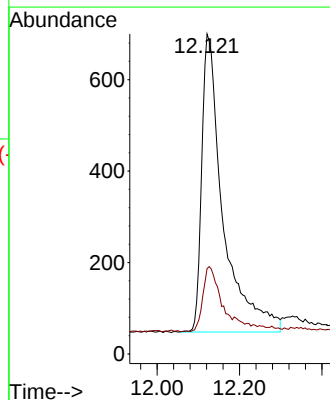
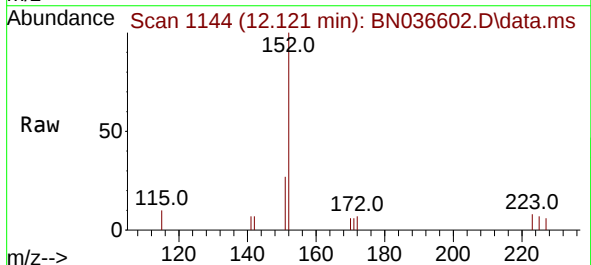
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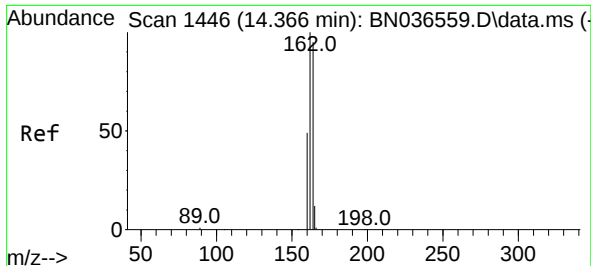
Tgt Ion: 82 Resp: 2090
Ion Ratio Lower Upper
82 100
128 39.2 30.6 45.8
54 73.9 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.121 min Scan# 1144
Delta R.T. 0.010 min
Lab File: BN036602.D
Acq: 14 Mar 2025 10:45

Tgt Ion: 152 Resp: 2345
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.6

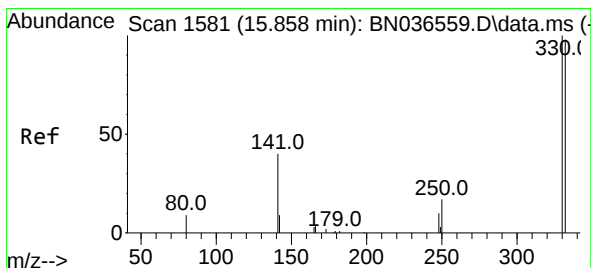
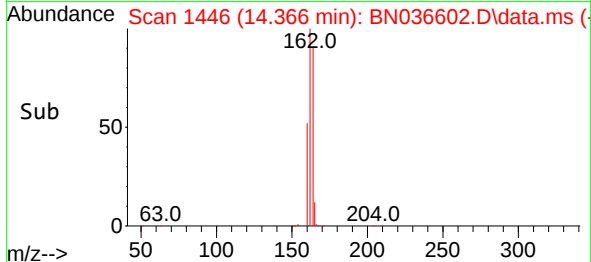
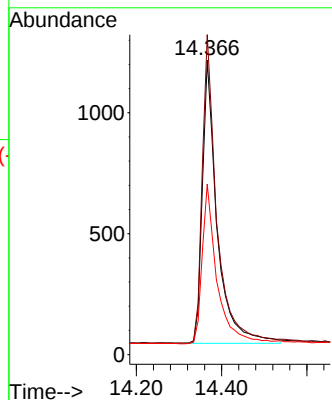
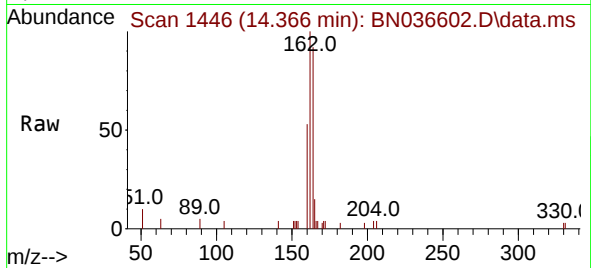




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036602.D
Acq: 14 Mar 2025 10:45

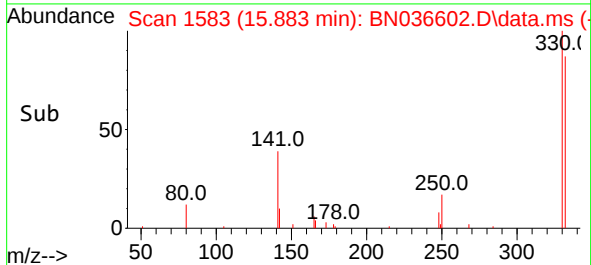
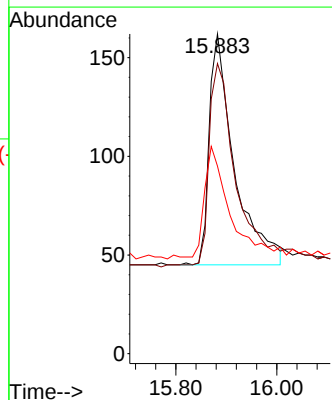
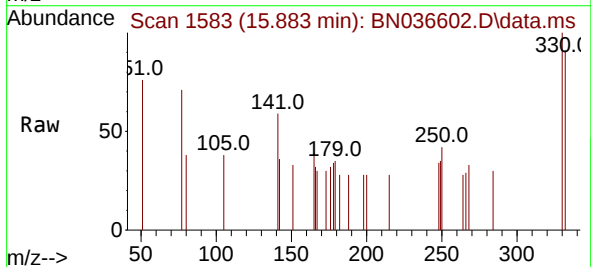
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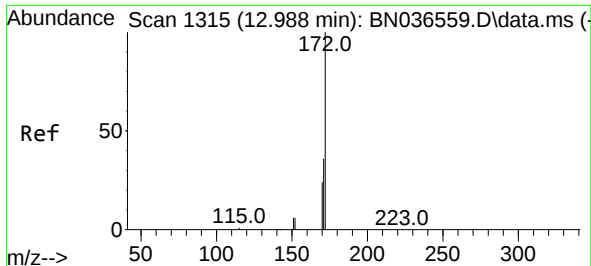
Tgt Ion:164 Resp: 2810
Ion Ratio Lower Upper
164 100
162 108.7 84.2 126.2
160 57.9 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.883 min Scan# 1583
Delta R.T. 0.025 min
Lab File: BN036602.D
Acq: 14 Mar 2025 10:45

Tgt Ion:330 Resp: 406
Ion Ratio Lower Upper
330 100
332 91.6 75.2 112.8
141 46.3 43.4 65.2

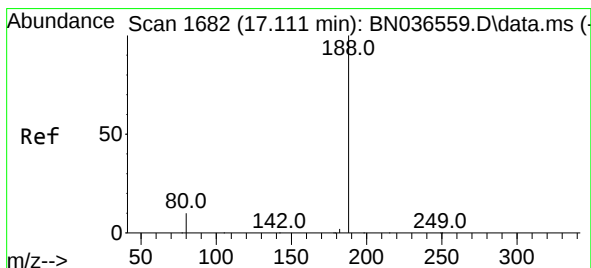
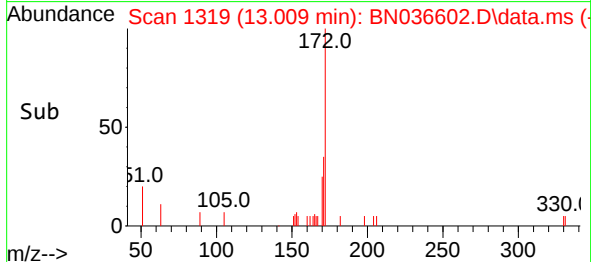
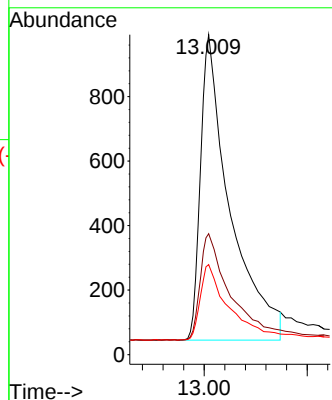
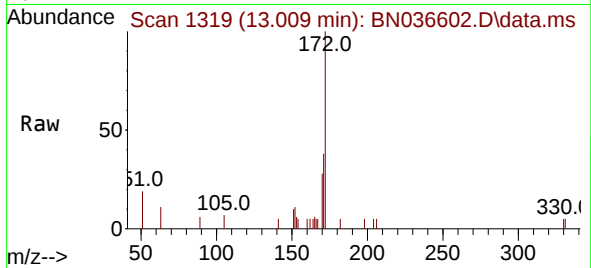




#15
2-Fluorobiphenyl
Concen: 0.226 ng
RT: 13.009 min Scan# 11
Delta R.T. 0.020 min
Lab File: BN036602.D
Acq: 14 Mar 2025 10:45

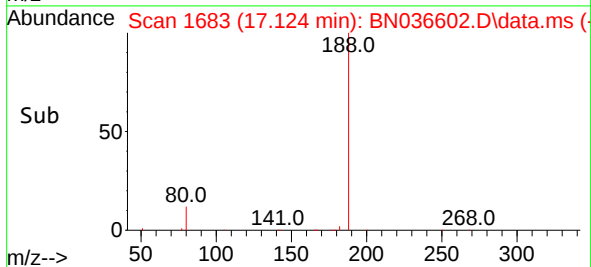
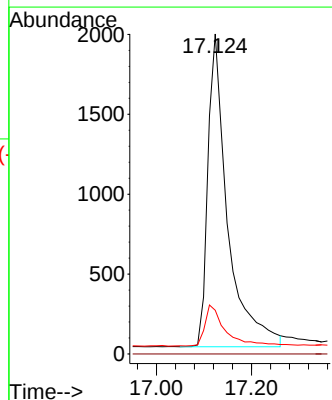
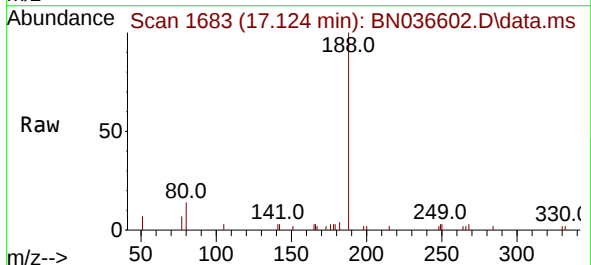
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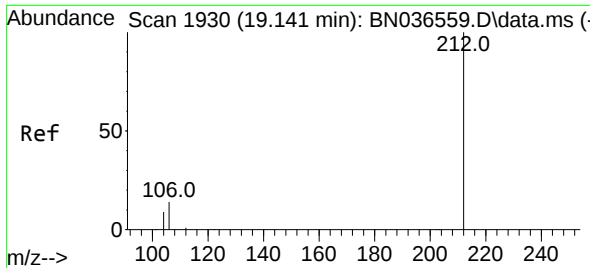
Tgt Ion:172 Resp: 3699
Ion Ratio Lower Upper
172 100
171 37.8 29.5 44.3
170 28.1 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.013 min
Lab File: BN036602.D
Acq: 14 Mar 2025 10:45

Tgt Ion:188 Resp: 5672
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 8.8 13.2#

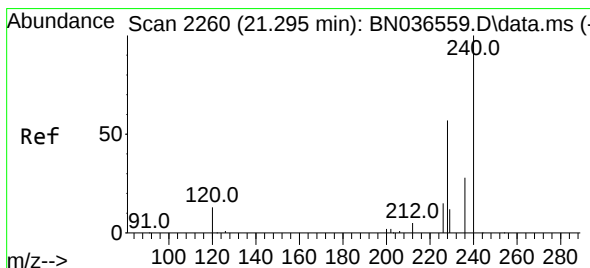
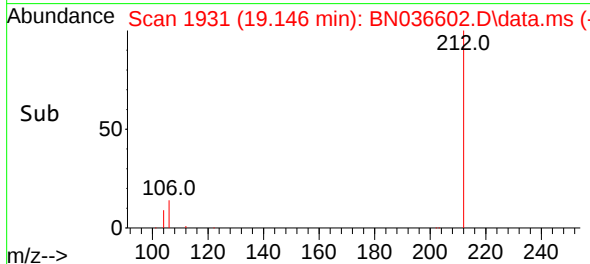
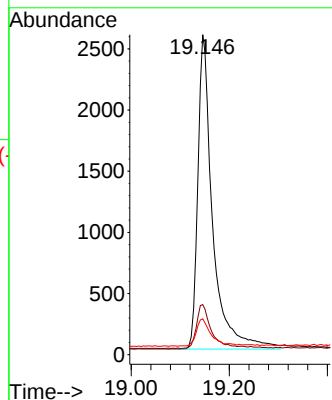
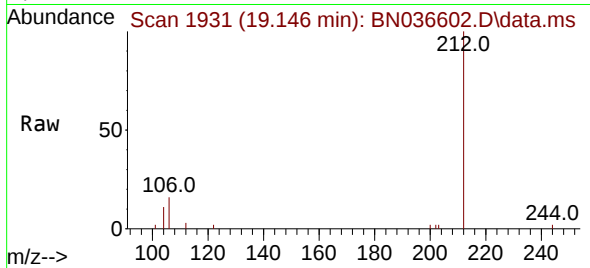




#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.146 min Scan# 1931
Delta R.T. 0.005 min
Lab File: BN036602.D
Acq: 14 Mar 2025 10:45

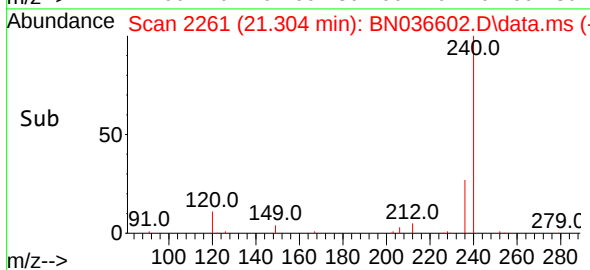
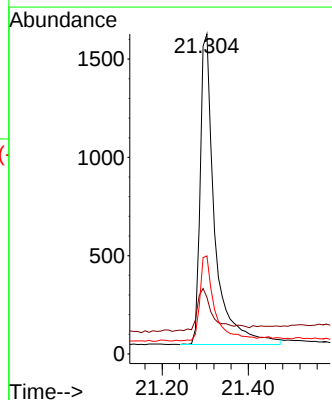
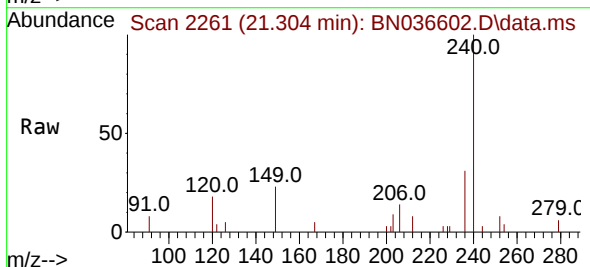
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ClientSampleId :
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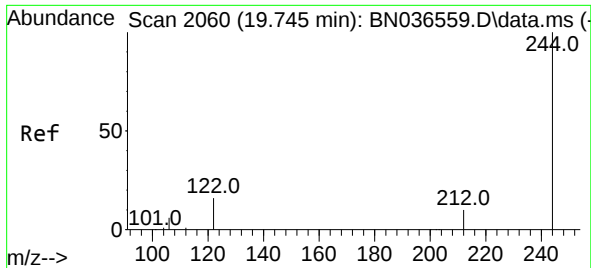
Tgt Ion:212 Resp: 5383
Ion Ratio Lower Upper
212 100
106 13.6 11.8 17.6
104 8.7 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036602.D
Acq: 14 Mar 2025 10:45

Tgt Ion:240 Resp: 3724
Ion Ratio Lower Upper
240 100
120 17.7 14.6 22.0
236 30.7 24.1 36.1

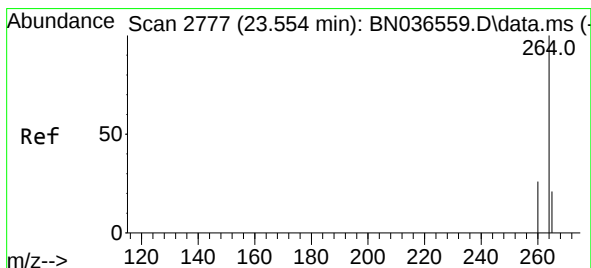
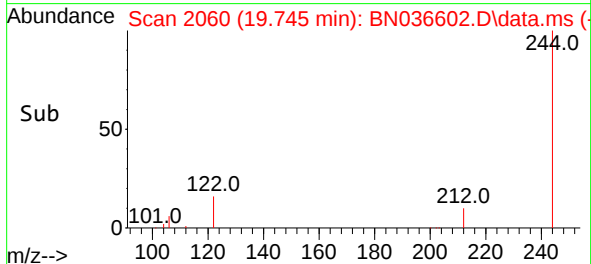
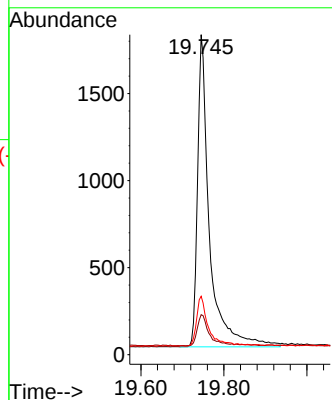
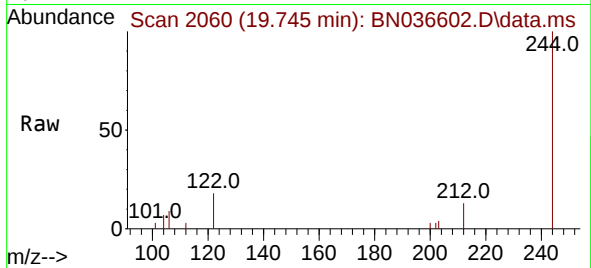




#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.745 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: BN036602.D
 Acq: 14 Mar 2025 10:45

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 3582
 Ion Ratio Lower Upper
 244 100
 212 12.5 9.6 14.4
 122 18.3 13.9 20.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 2777
 Delta R.T. 0.000 min
 Lab File: BN036602.D
 Acq: 14 Mar 2025 10:45

Tgt Ion:264 Resp: 3370
 Ion Ratio Lower Upper
 264 100
 260 28.1 22.6 33.8
 265 104.8 88.1 132.1

