

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031125\
 Data File : BN036578.D
 Acq On : 11 Mar 2025 12:33
 Operator : RC/JU
 Sample : Q1531-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20250306

Quant Time: Mar 11 12:56:03 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)

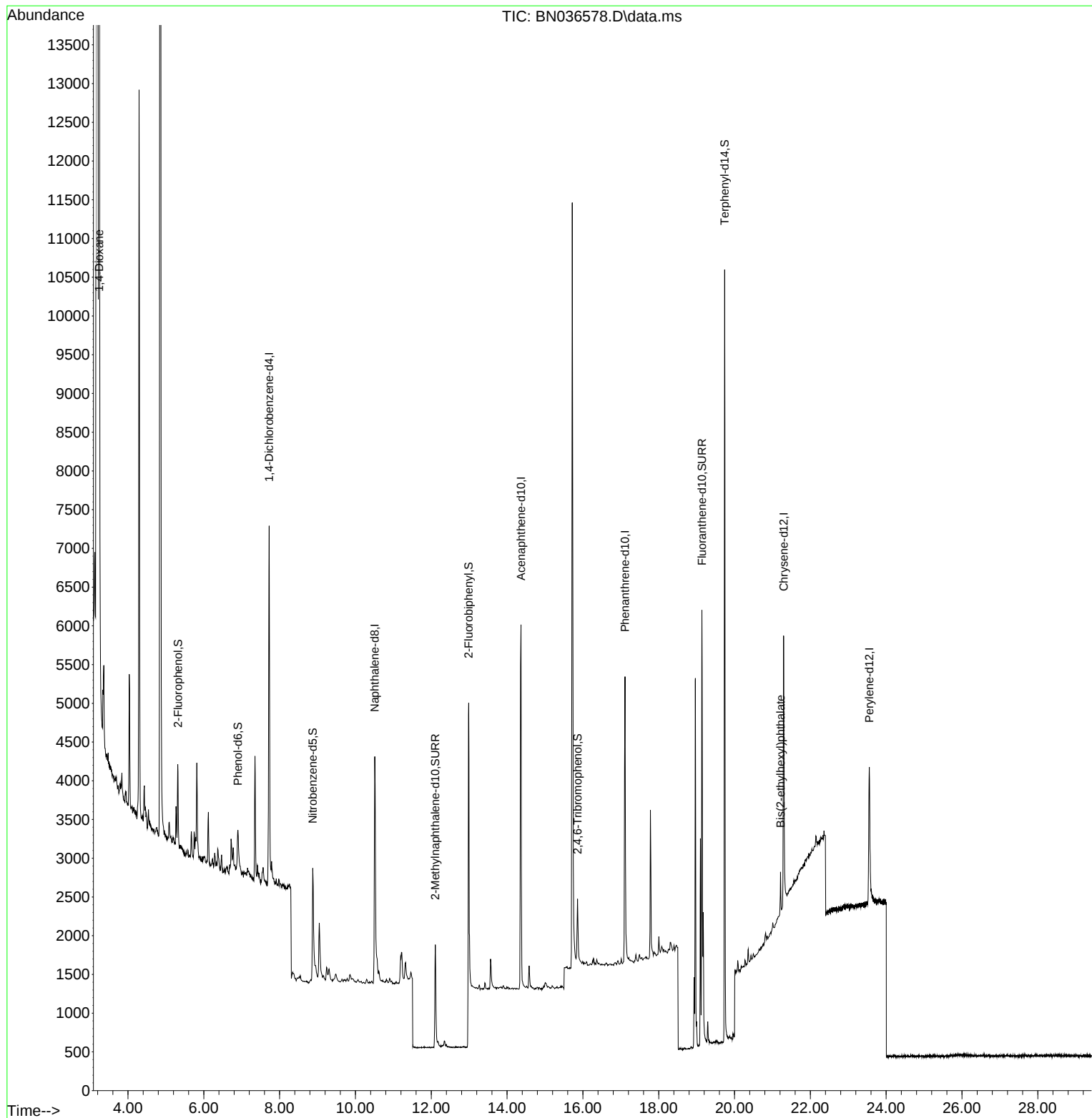
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2056	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4839	0.400	ng	0.00
13) Acenaphthene-d10	14.366	164	2887	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5689	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3805	0.400	ng	0.00
35) Perylene-d12	23.554	264	2891	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	791	0.165	ng	0.00
5) Phenol-d6	6.901	99	552	0.093	ng	0.00
8) Nitrobenzene-d5	8.875	82	1568	0.298	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2236	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	514	0.392	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	6510	0.388	ng	0.00
27) Fluoranthene-d10	19.141	212	6442	0.442	ng	0.00
31) Terphenyl-d14	19.740	244	9369	1.028	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	14330	6.283	ng	98
34) Bis(2-ethylhexyl)phtha...	21.214	149	574	0.061	ng	# 93

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

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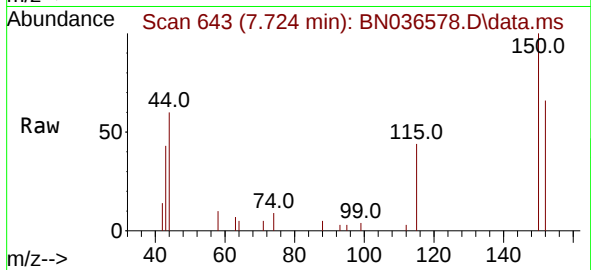
Quant Time: Mar 11 12:56:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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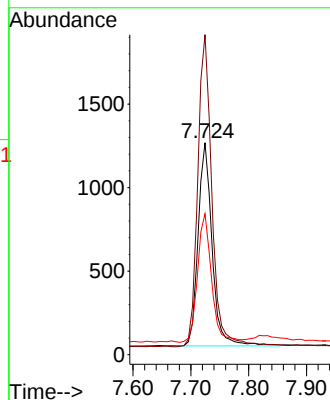
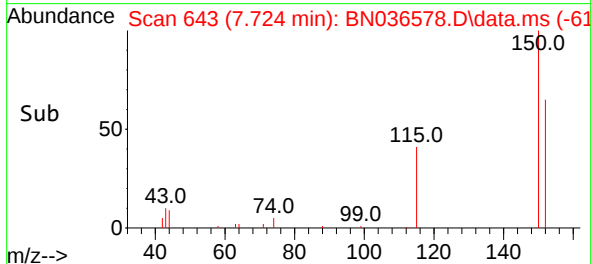


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036578.D
 Acq: 11 Mar 2025 12:33

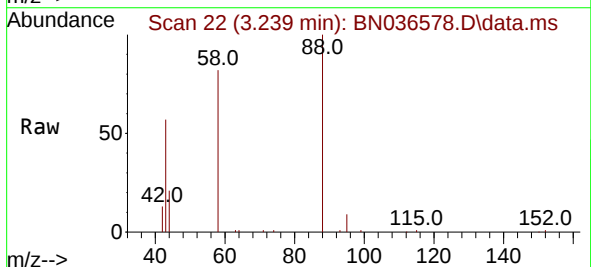
Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20250306



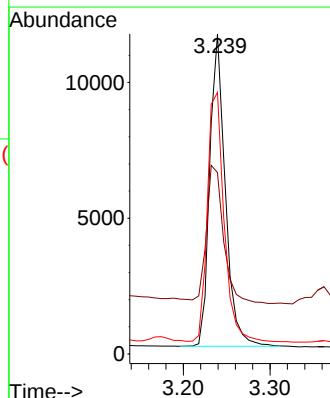
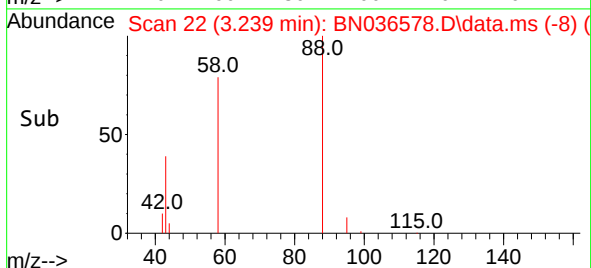
Tgt Ion:152 Resp: 2056
 Ion Ratio Lower Upper
 152 100
 150 150.9 123.7 185.5
 115 66.5 54.3 81.5



#2
 1,4-Dioxane
 Concen: 6.283 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036578.D
 Acq: 11 Mar 2025 12:33



Tgt Ion: 88 Resp: 14330
 Ion Ratio Lower Upper
 88 100
 43 48.3 37.8 56.8
 58 86.0 67.4 101.2

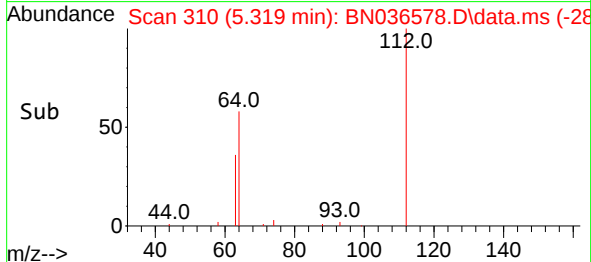
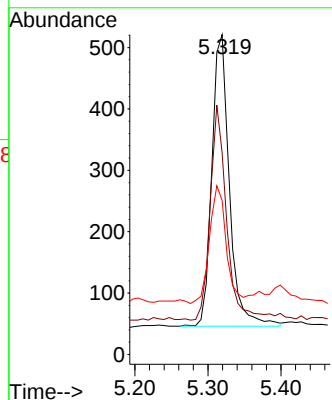
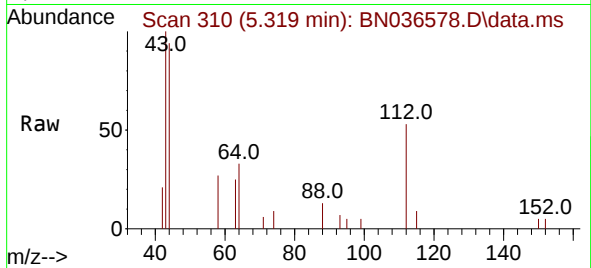




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

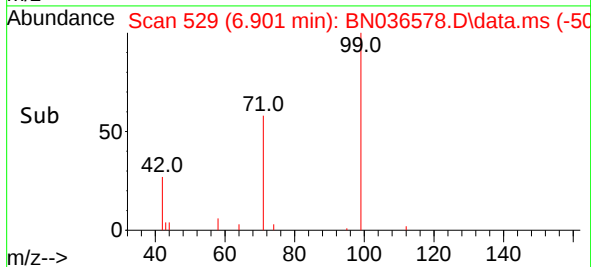
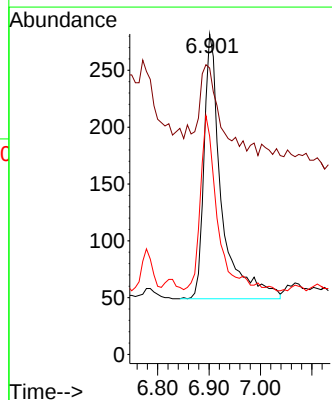
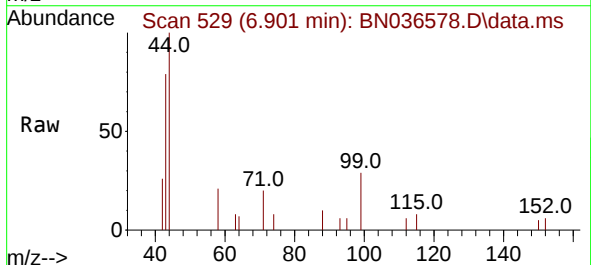
Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306

Tgt Ion:112 Resp: 791
Ion Ratio Lower Upper
112 100
64 70.3 53.1 79.7
63 38.4 31.8 47.8



#5
Phenol-d6
Concen: 0.093 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Tgt Ion: 99 Resp: 552
Ion Ratio Lower Upper
99 100
42 40.6 26.5 39.7#
71 64.7 34.1 51.1#

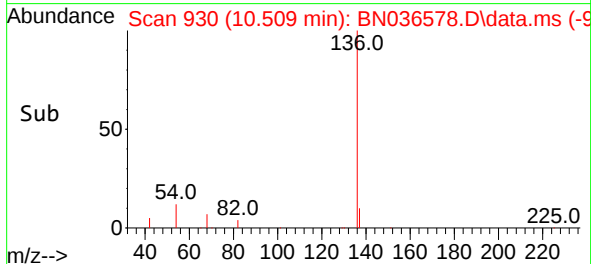
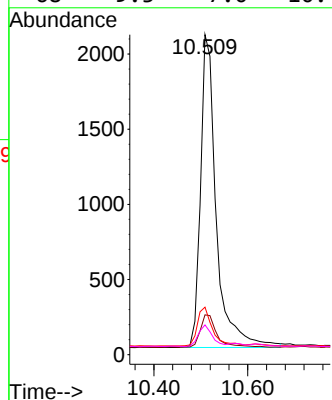
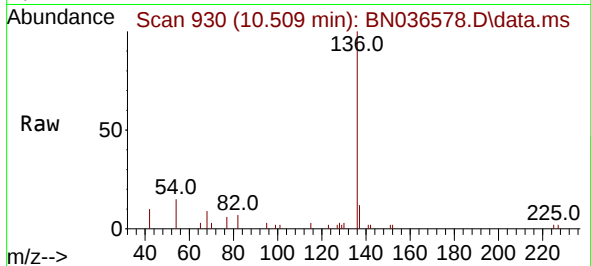




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

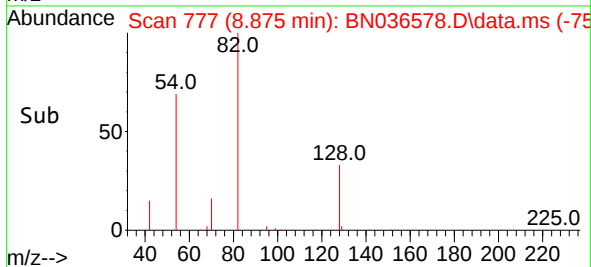
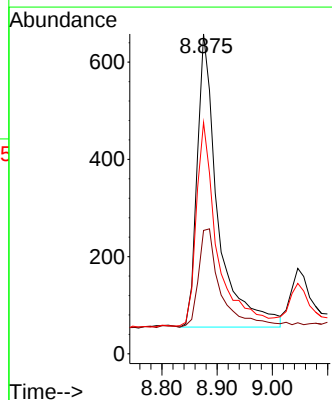
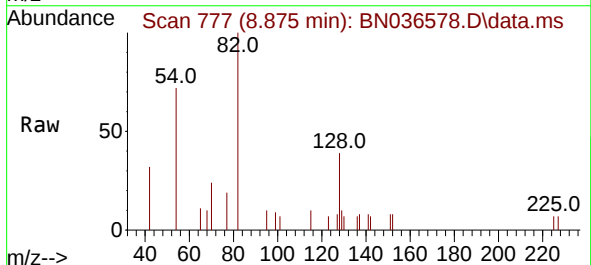
Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306

Tgt Ion:	136	Resp:	4839
Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.3	15.5
54	14.8	11.5	17.3
68	9.3	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.298 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Tgt Ion:	82	Resp:	1568
Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.6	45.8
54	72.3	52.2	78.4

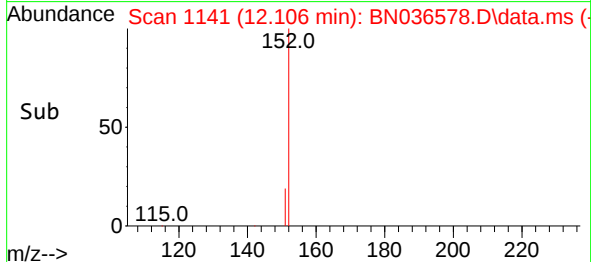
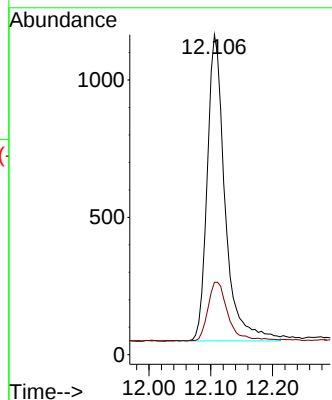
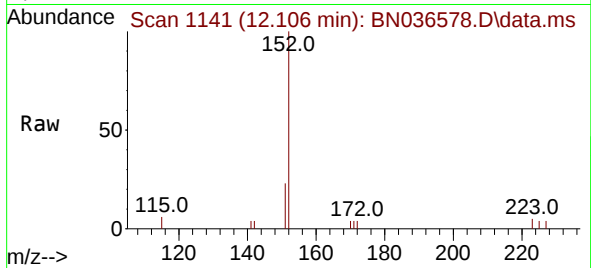




#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

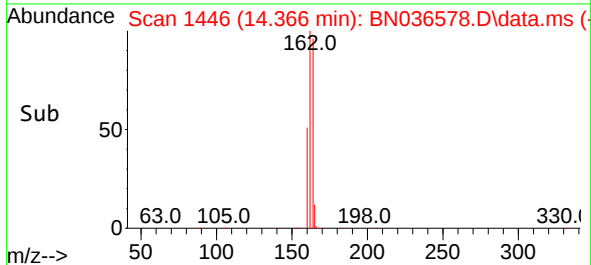
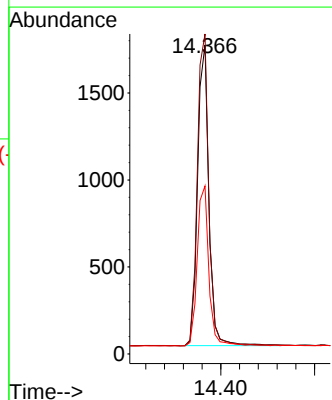
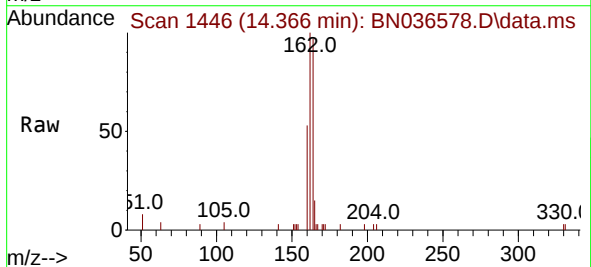
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BNA_N
ClientSampleId :
RE103D1-20250306

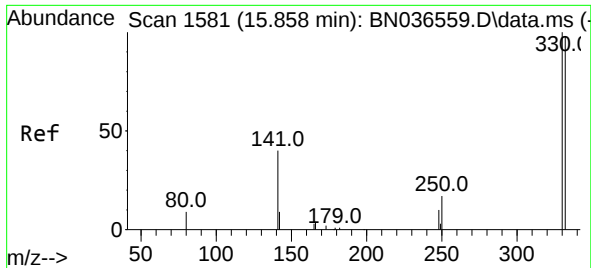
Tgt Ion:152 Resp: 2236
Ion Ratio Lower Upper
152 100
151 21.7 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Tgt Ion:164 Resp: 2887
Ion Ratio Lower Upper
164 100
162 103.5 84.2 126.2
160 54.4 42.2 63.2

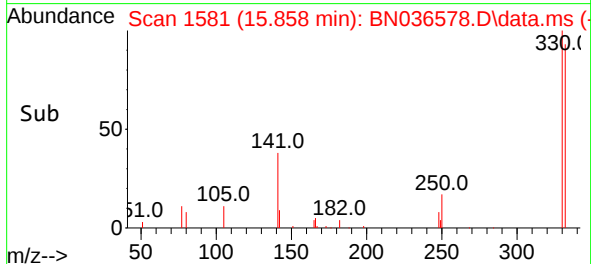
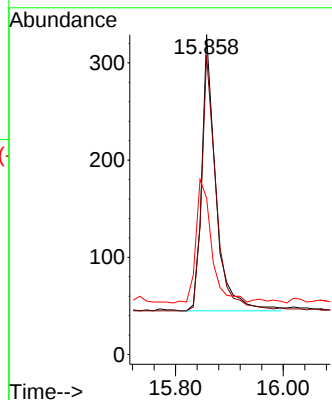
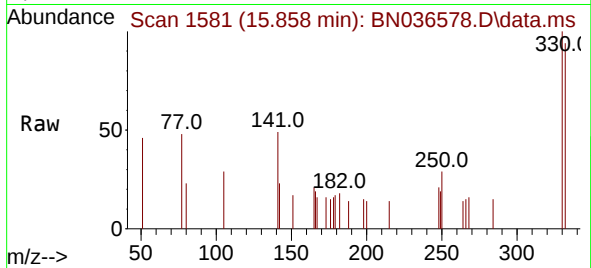




#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

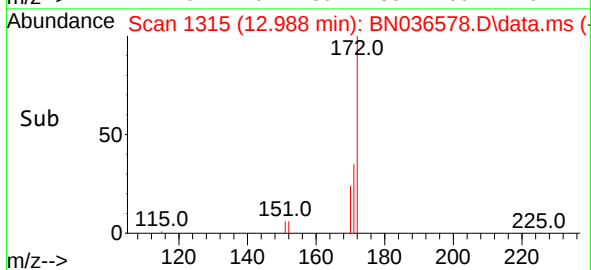
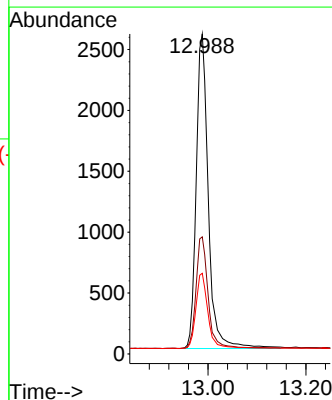
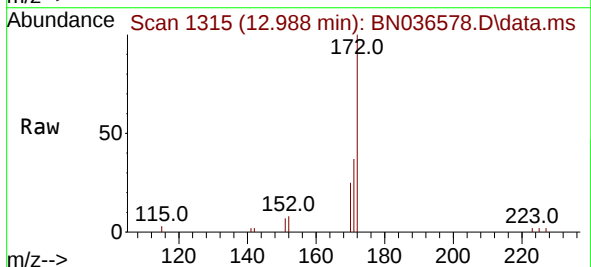
Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306

Tgt Ion: 330 Resp: 514
Ion Ratio Lower Upper
330 100
332 95.5 75.2 112.8
141 50.8 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

Tgt Ion: 172 Resp: 6510
Ion Ratio Lower Upper
172 100
171 36.6 29.5 44.3
170 25.2 20.2 30.4

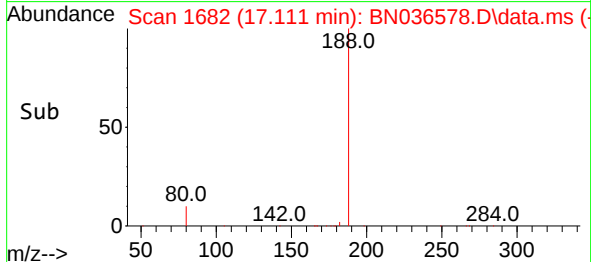
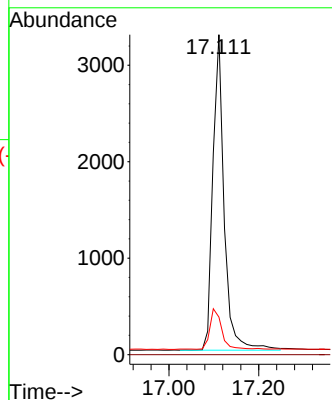
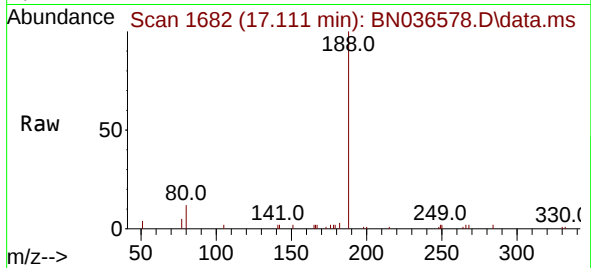




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

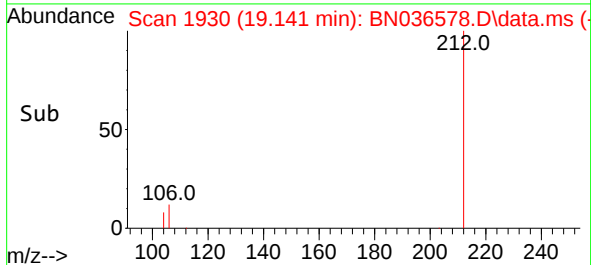
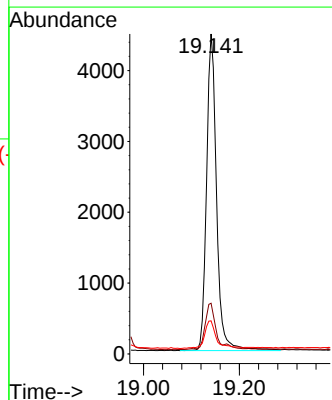
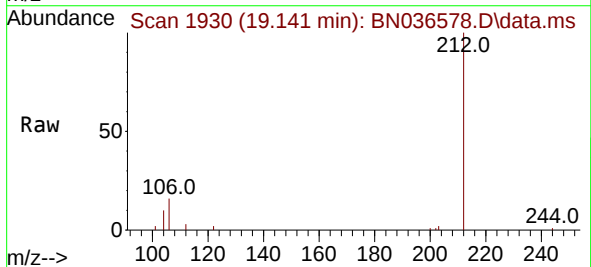
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RE103D1-20250306

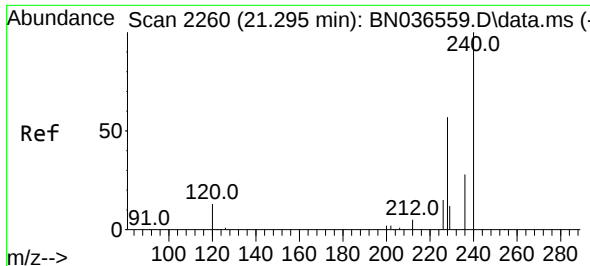
Tgt Ion:188 Resp: 5689
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 8.8 13.2



#27
Fluoranthene-d10
Concen: 0.442 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

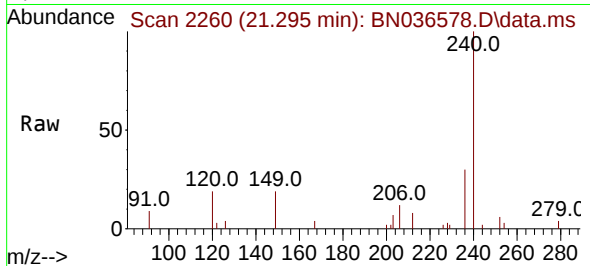
Tgt Ion:212 Resp: 6442
Ion Ratio Lower Upper
212 100
106 16.3 11.8 17.6
104 10.3 7.3 10.9



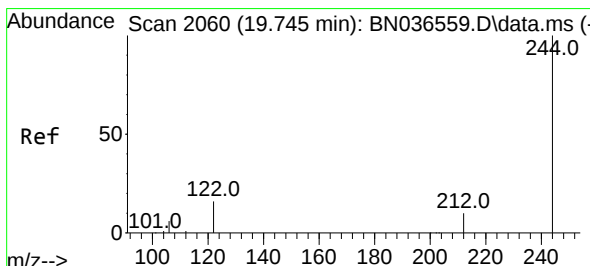
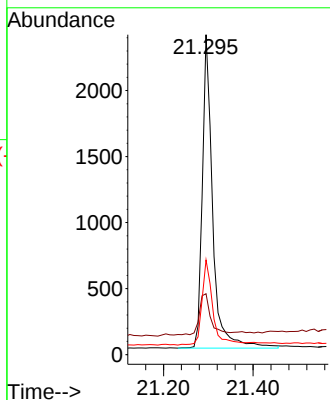
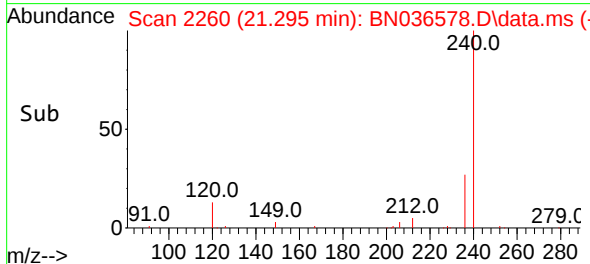


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33

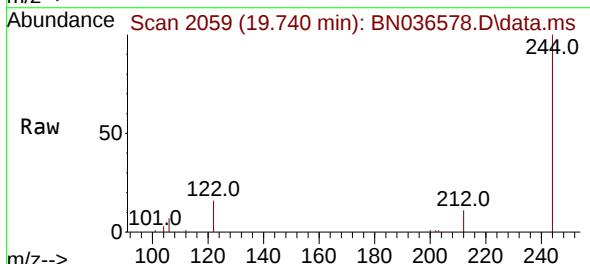
Instrument :
BNA_N
ClientSampleId :
RE103D1-20250306



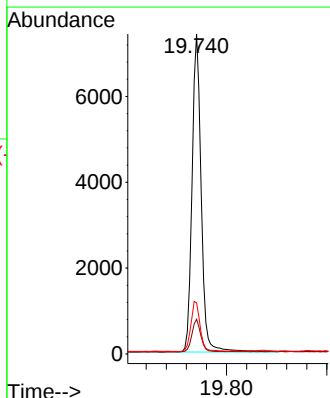
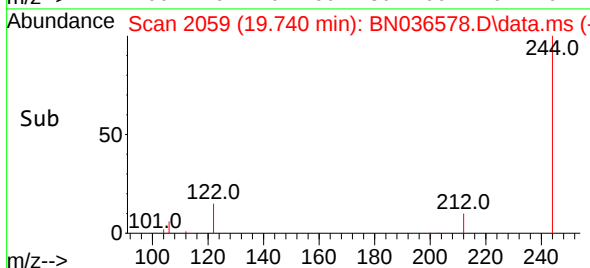
Tgt Ion:240 Resp: 3805
Ion Ratio Lower Upper
240 100
120 19.0 14.6 22.0
236 29.6 24.1 36.1

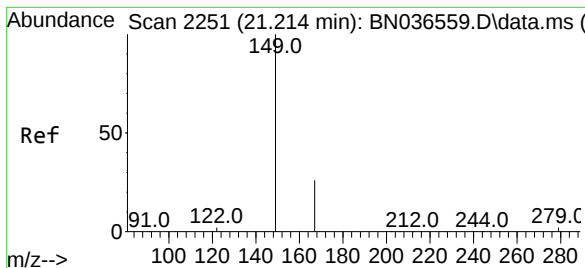


#31
Terphenyl-d14
Concen: 1.028 ng
RT: 19.740 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN036578.D
Acq: 11 Mar 2025 12:33



Tgt Ion:244 Resp: 9369
Ion Ratio Lower Upper
244 100
212 10.9 9.6 14.4
122 16.0 13.9 20.9

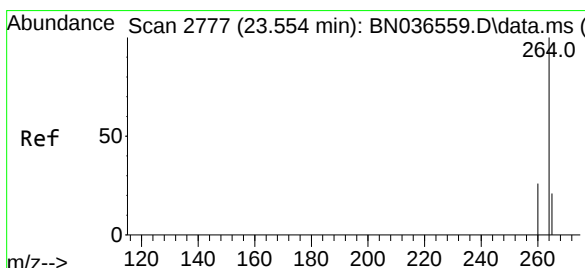
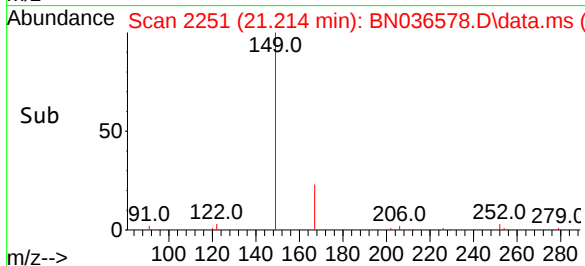
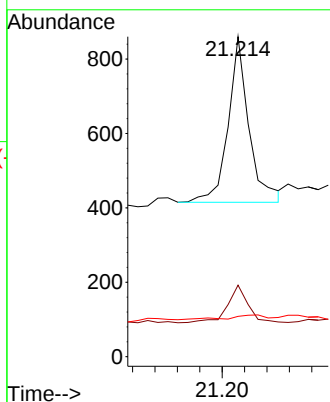
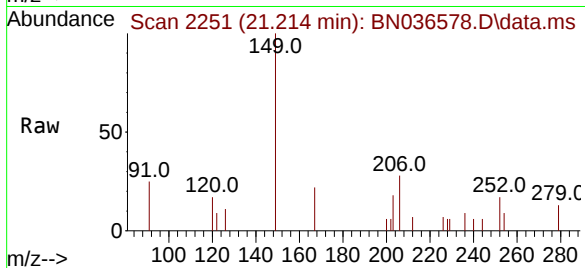




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 21.214 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN036578.D
 Acq: 11 Mar 2025 12:33

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20250306

Tgt Ion:149 Resp: 574
 Ion Ratio Lower Upper
 149 100
 167 22.3 20.7 31.1
 279 3.0 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.554 min Scan# 2777
 Delta R.T. 0.000 min
 Lab File: BN036578.D
 Acq: 11 Mar 2025 12:33

Tgt Ion:264 Resp: 2891
 Ion Ratio Lower Upper
 264 100
 260 28.9 22.6 33.8
 265 126.7 88.1 132.1

