

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036793.D
 Acq On : 29 Mar 2025 03:56
 Operator : RC/JU
 Sample : Q1620-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 29 04:29:07 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)

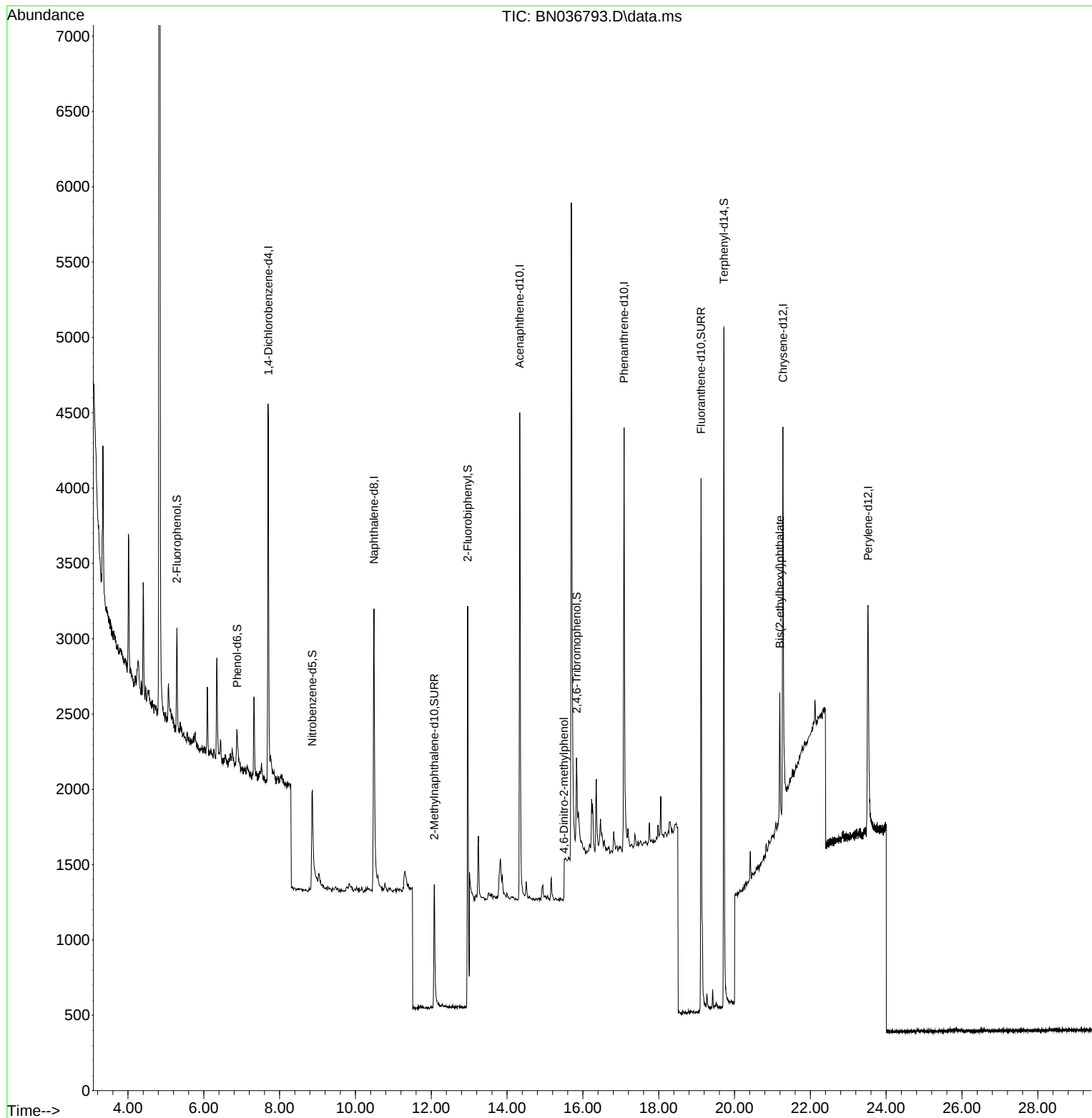
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1389	0.400	ng	-0.02
7) Naphthalene-d8	10.488	136	3240	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2031	0.400	ng	-0.03
19) Phenanthrene-d10	17.087	188	4392	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3210	0.400	ng	-0.02
35) Perylene-d12	23.522	264	2752	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	500	0.154	ng	-0.02
5) Phenol-d6	6.879	99	309	0.077	ng	-0.02
8) Nitrobenzene-d5	8.865	82	999	0.283	ng	-0.01
11) 2-Methylnaphthalene-d10	12.081	152	1431	0.297	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	389	0.422	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	3898	0.330	ng	-0.03
27) Fluoranthene-d10	19.118	212	4398	0.391	ng	-0.02
31) Terphenyl-d14	19.722	244	4903	0.638	ng	-0.02
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.499	198	3	0.148	ng	# 10
34) Bis(2-ethylhexyl)phtha...	21.196	149	1015	0.128	ng	# 93

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

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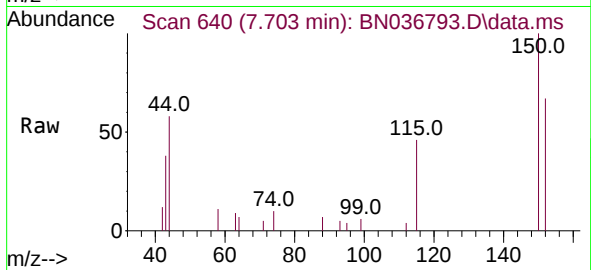
Quant Time: Mar 29 04:29:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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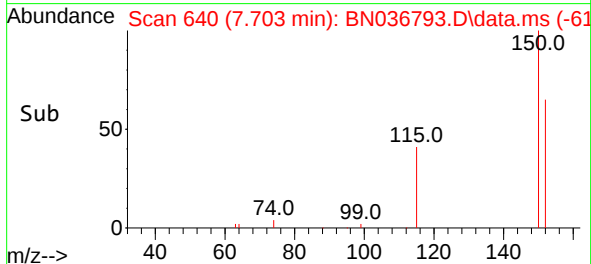
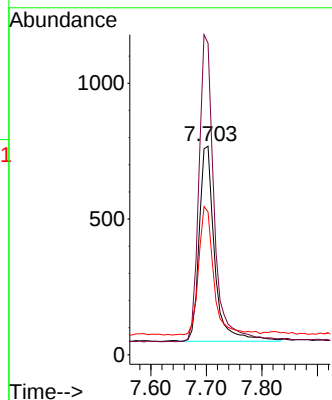


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.703 min Scan# 64
Delta R.T. -0.021 min
Lab File: BN036793.D
Acq: 29 Mar 2025 03:56

Instrument :
BNA_N
ClientSampleId :

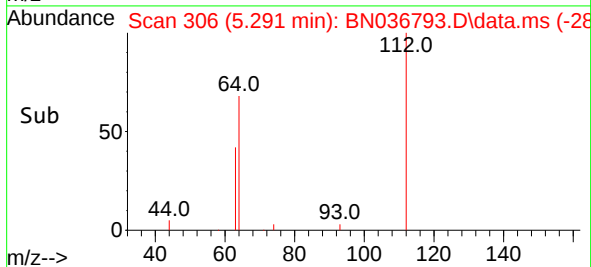
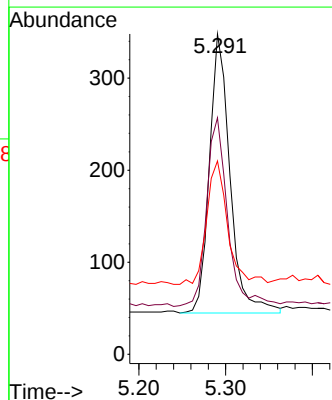
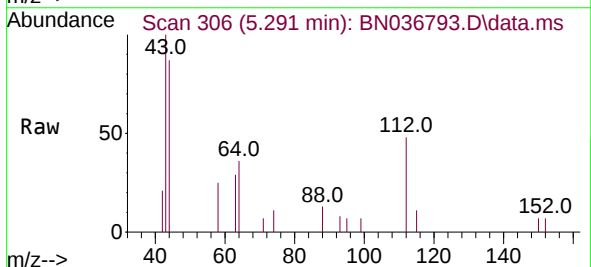


Tgt Ion:152 Resp: 1389
Ion Ratio Lower Upper
152 100
150 149.5 123.7 185.5
115 68.5 54.3 81.5



#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.291 min Scan# 306
Delta R.T. -0.021 min
Lab File: BN036793.D
Acq: 29 Mar 2025 03:56

Tgt Ion:112 Resp: 500
Ion Ratio Lower Upper
112 100
64 69.6 53.1 79.7
63 45.0 31.8 47.8

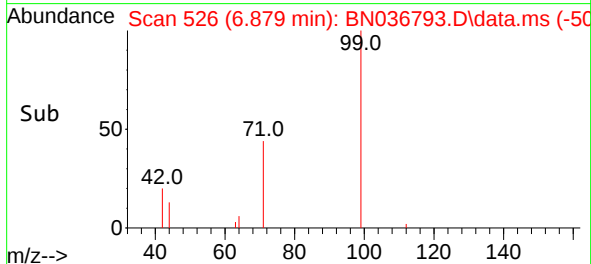
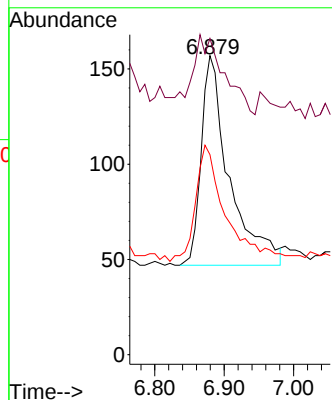
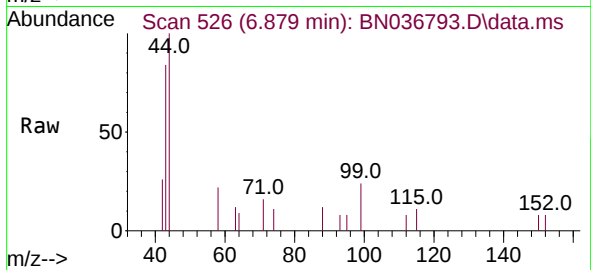




#5
Phenol-d6
Concen: 0.077 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.021 min
Lab File: BN036793.D
Acq: 29 Mar 2025 03:56

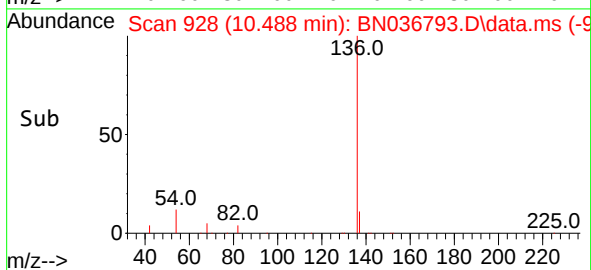
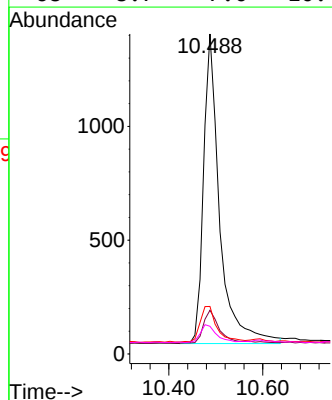
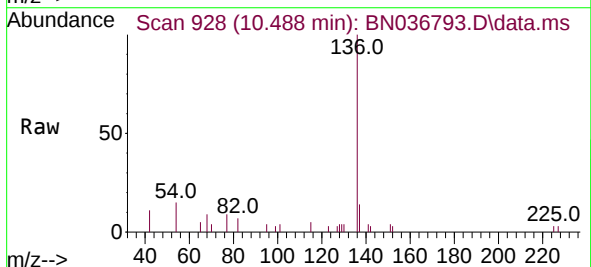
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 309
Ion Ratio Lower Upper
99 100
42 43.0 26.5 39.7#
71 59.9 34.1 51.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036793.D
Acq: 29 Mar 2025 03:56

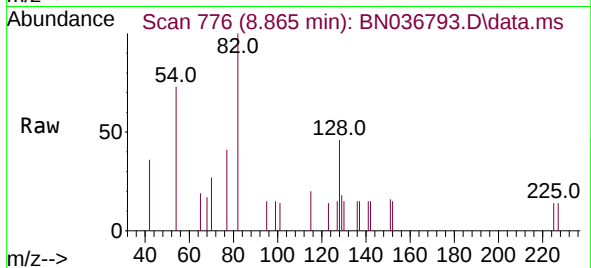
Tgt Ion: 136 Resp: 3240
Ion Ratio Lower Upper
136 100
137 13.7 10.3 15.5
54 14.9 11.5 17.3
68 8.7 7.0 10.4



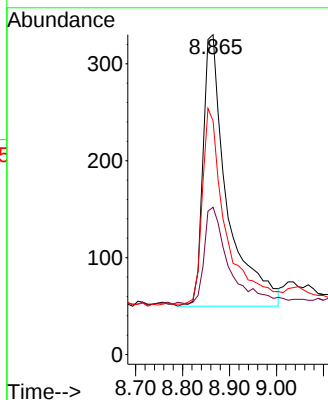
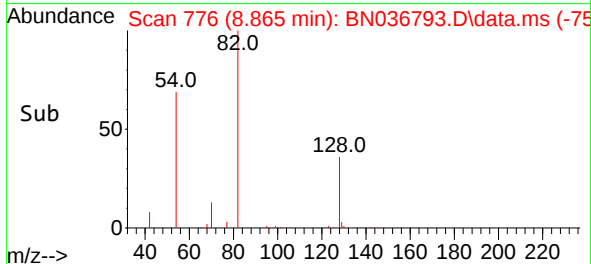


#8
 Nitrobenzene-d5
 Concen: 0.283 ng
 RT: 8.865 min Scan# 71
 Delta R.T. -0.010 min
 Lab File: BN036793.D
 Acq: 29 Mar 2025 03:56

Instrument :
 BNA_N
 ClientSampleId :

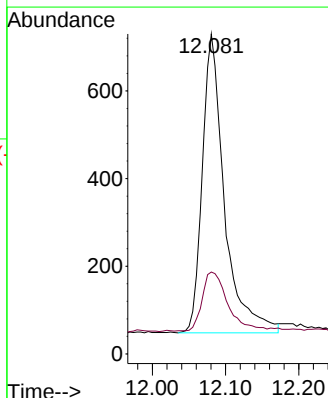
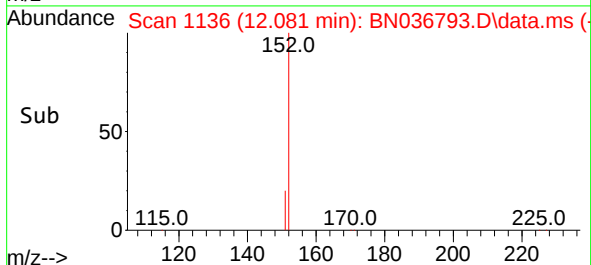
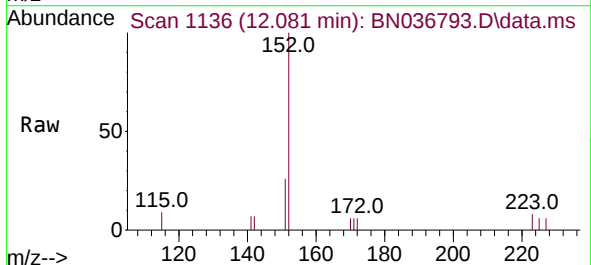


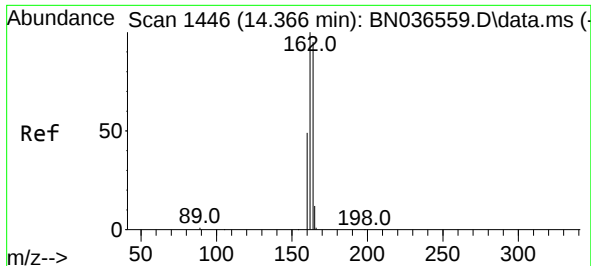
Tgt Ion: 82 Resp: 999
 Ion Ratio Lower Upper
 82 100
 128 46.1 30.6 45.8#
 54 73.0 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.297 ng
 RT: 12.081 min Scan# 1136
 Delta R.T. -0.030 min
 Lab File: BN036793.D
 Acq: 29 Mar 2025 03:56

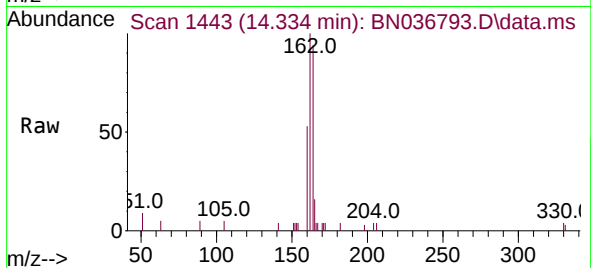
Tgt Ion: 152 Resp: 1431
 Ion Ratio Lower Upper
 152 100
 151 22.9 17.0 25.6



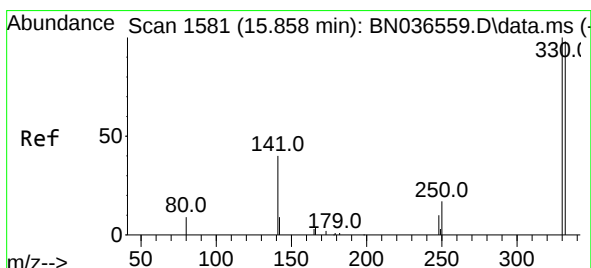
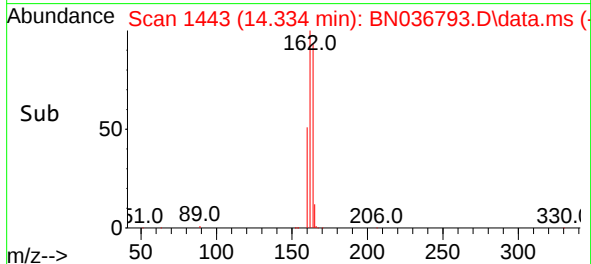
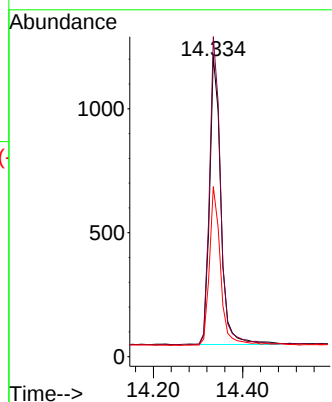


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. -0.032 min
Lab File: BN036793.D
Acq: 29 Mar 2025 03:56

Instrument :
BNA_N
ClientSampleId :

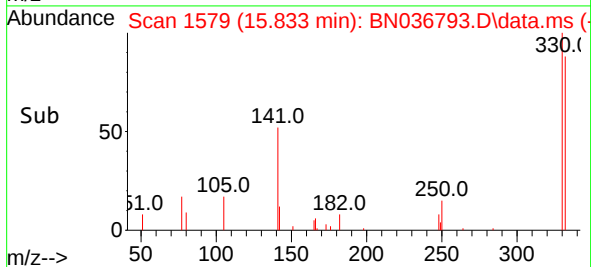
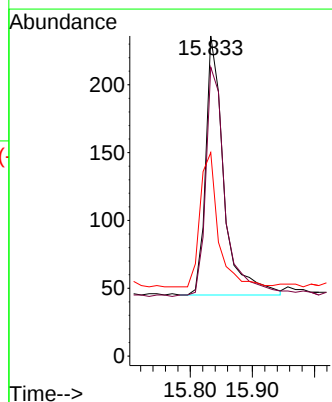
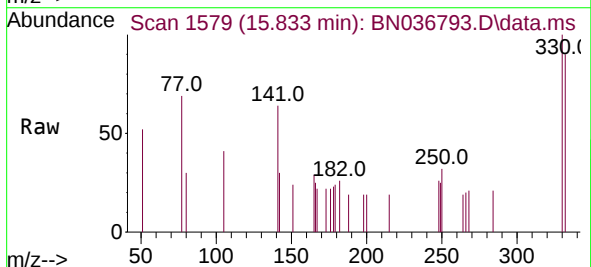


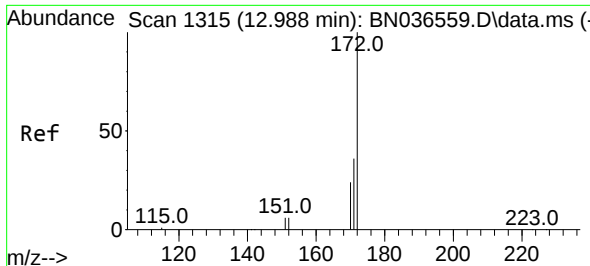
Tgt Ion:164 Resp: 2031
Ion Ratio Lower Upper
164 100
162 106.6 84.2 126.2
160 56.6 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.422 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.025 min
Lab File: BN036793.D
Acq: 29 Mar 2025 03:56

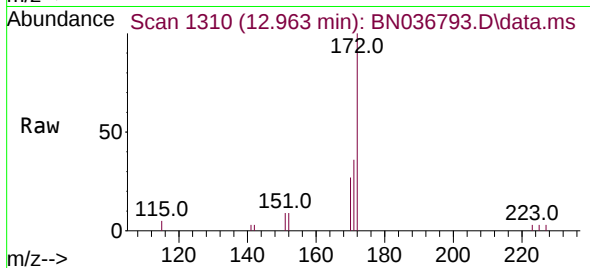
Tgt Ion:330 Resp: 389
Ion Ratio Lower Upper
330 100
332 97.2 75.2 112.8
141 52.2 43.4 65.2



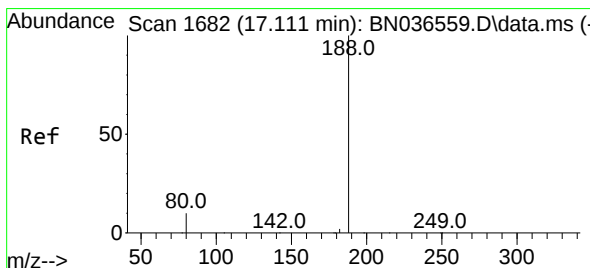
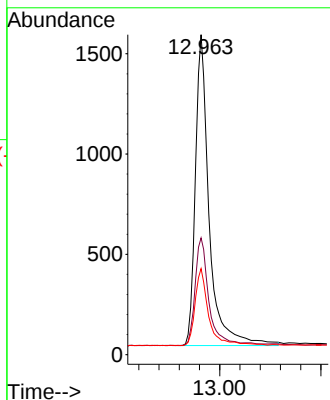
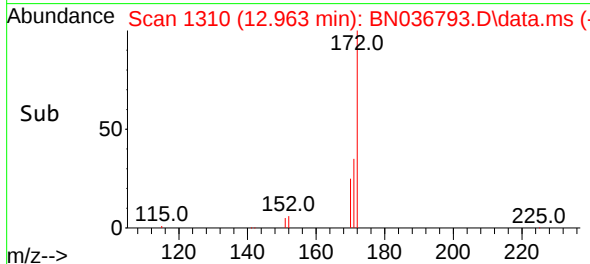


#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 12.963 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036793.D
Acq: 29 Mar 2025 03:56

Instrument :
BNA_N
ClientSampleId :

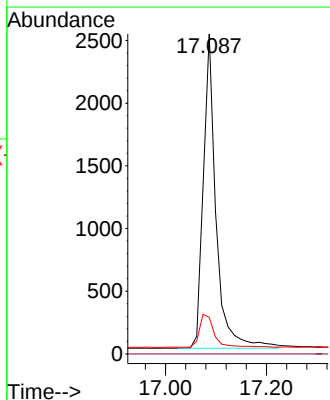
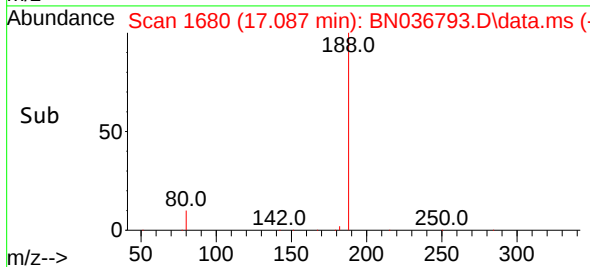
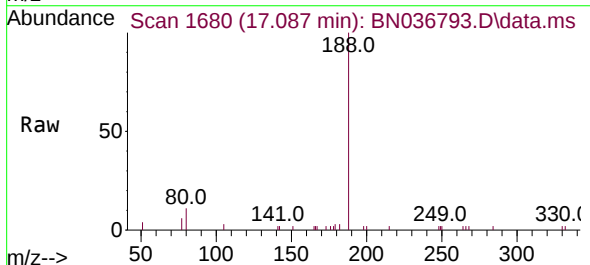


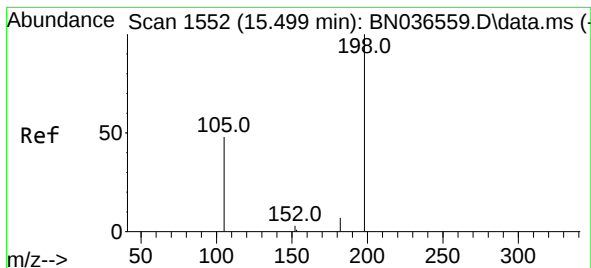
Tgt Ion:172 Resp: 3898
Ion Ratio Lower Upper
172 100
171 36.5 29.5 44.3
170 26.9 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036793.D
Acq: 29 Mar 2025 03:56

Tgt Ion:188 Resp: 4392
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 8.8 13.2

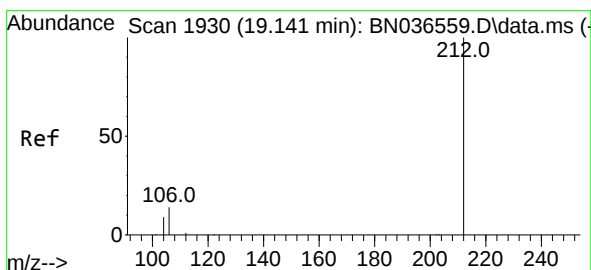
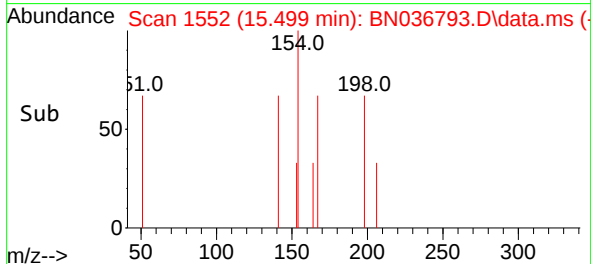
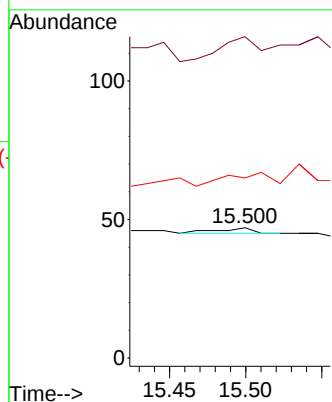
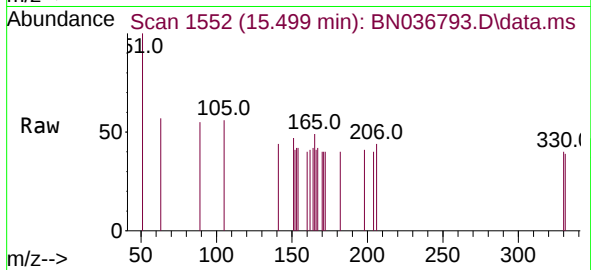




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.499 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036793.D
Acq: 29 Mar 2025 03:56

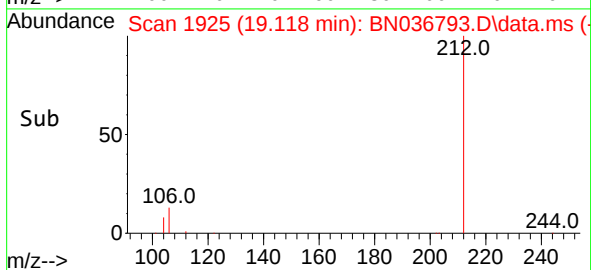
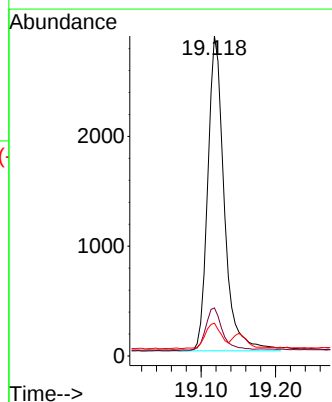
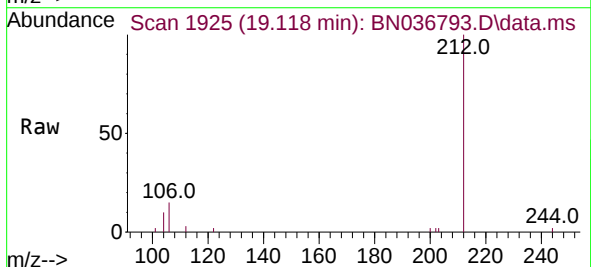
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 246.8 107.9 161.9#
105 138.3 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.023 min
Lab File: BN036793.D
Acq: 29 Mar 2025 03:56

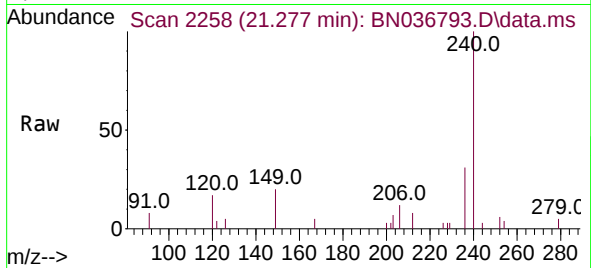
Tgt Ion:212 Resp: 4398
Ion Ratio Lower Upper
212 100
106 13.3 11.8 17.6
104 7.8 7.3 10.9



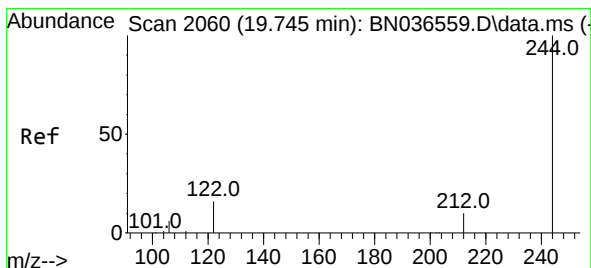
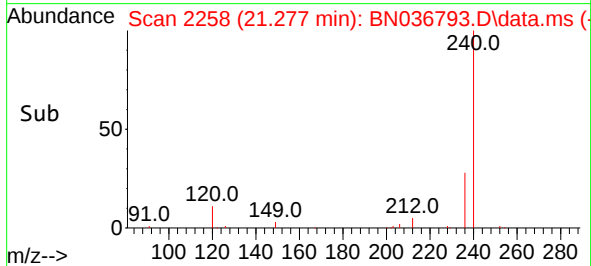
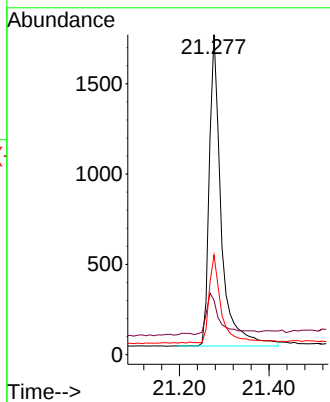


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036793.D
Acq: 29 Mar 2025 03:56

Instrument :
BNA_N
ClientSampleId :

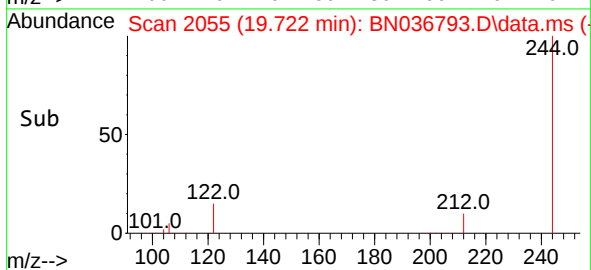
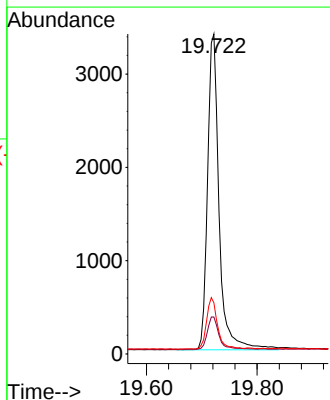
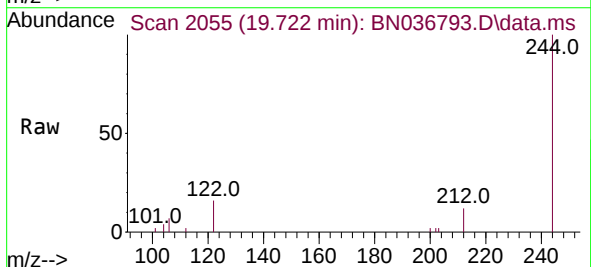


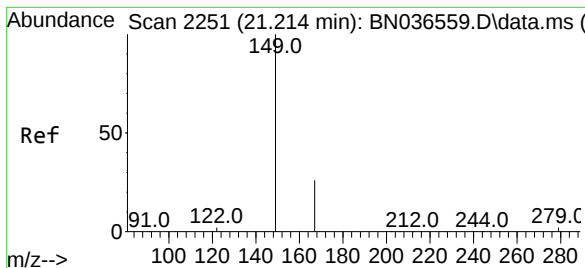
Tgt Ion:240 Resp: 3210
Ion Ratio Lower Upper
240 100
120 17.0 14.6 22.0
236 31.2 24.1 36.1



#31
Terphenyl-d14
Concen: 0.638 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036793.D
Acq: 29 Mar 2025 03:56

Tgt Ion:244 Resp: 4903
Ion Ratio Lower Upper
244 100
212 11.5 9.6 14.4
122 16.0 13.9 20.9

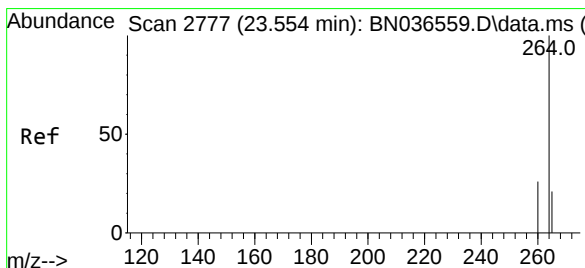
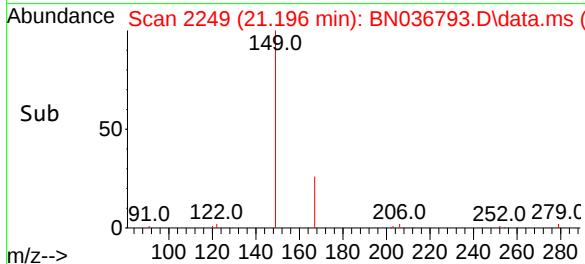
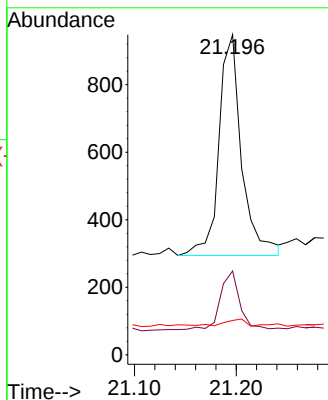
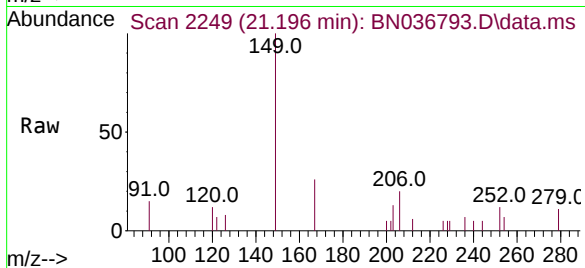




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.128 ng
 RT: 21.196 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN036793.D
 Acq: 29 Mar 2025 03:56

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:149 Resp: 1015
 Ion Ratio Lower Upper
 149 100
 167 22.5 20.7 31.1
 279 2.6 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.522 min Scan# 2766
 Delta R.T. -0.032 min
 Lab File: BN036793.D
 Acq: 29 Mar 2025 03:56

Tgt Ion:264 Resp: 2752
 Ion Ratio Lower Upper
 264 100
 260 28.0 22.6 33.8
 265 105.5 88.1 132.1

