

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036781.D
 Acq On : 28 Mar 2025 20:02
 Operator : RC/JU
 Sample : Q1608-27
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 28 22:52:44 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)

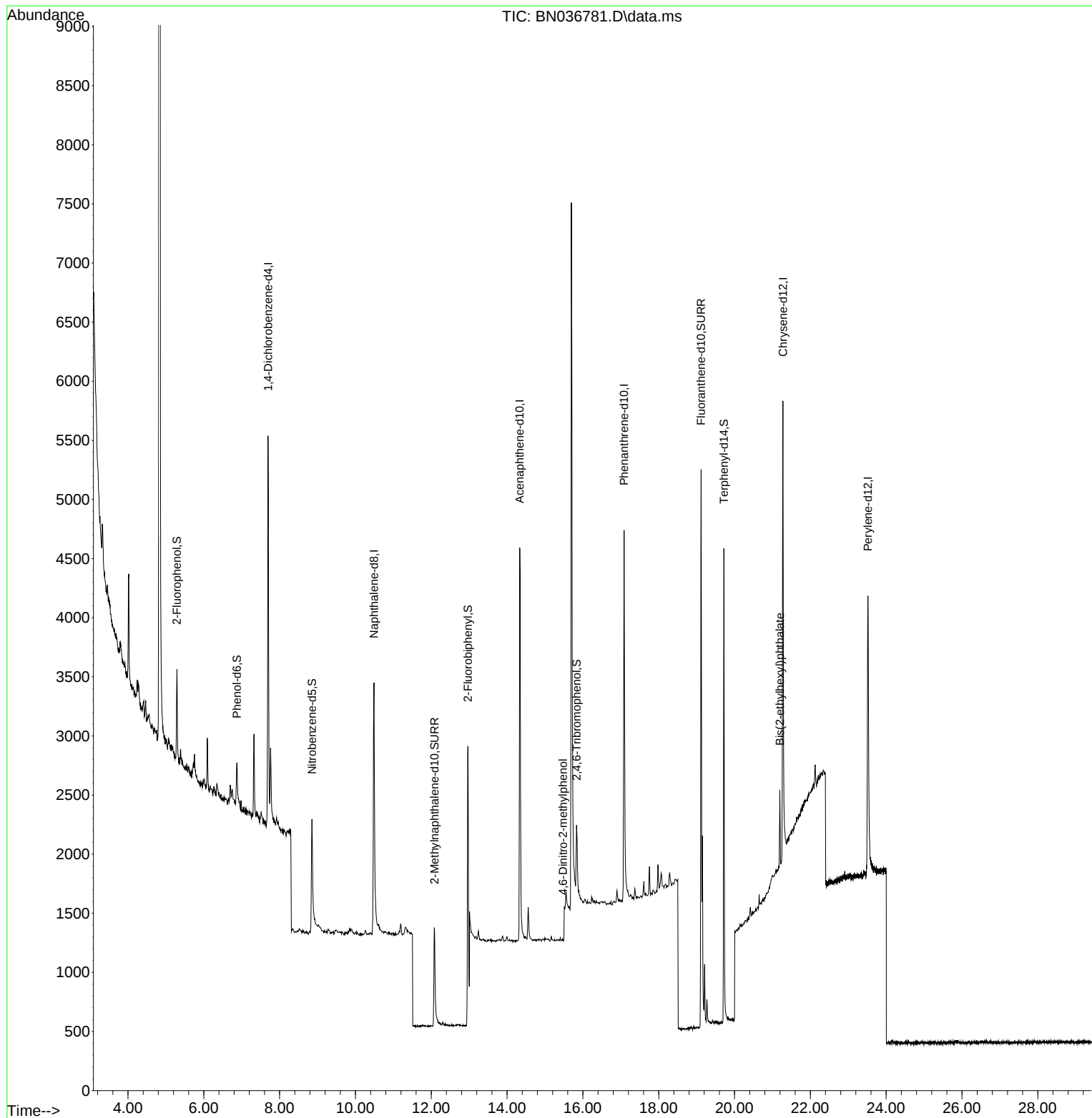
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	1632	0.400	ng	-0.03
7) Naphthalene-d8	10.487	136	3714	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2302	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5150	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4271	0.400	ng	-0.02
35) Perylene-d12	23.519	264	3690	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	527	0.139	ng	-0.02
5) Phenol-d6	6.872	99	366	0.078	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1178	0.292	ng	-0.02
11) 2-Methylnaphthalene-d10	12.086	152	1696	0.307	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	436	0.417	ng	-0.02
15) 2-Fluorobiphenyl	12.968	172	3874	0.289	ng	-0.02
27) Fluoranthene-d10	19.118	212	5801	0.439	ng	-0.02
31) Terphenyl-d14	19.717	244	4087	0.399	ng	-0.03
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.478	198	1	0.146	ng	# 8
34) Bis(2-ethylhexyl)phtha...	21.196	149	581	0.055	ng	# 94

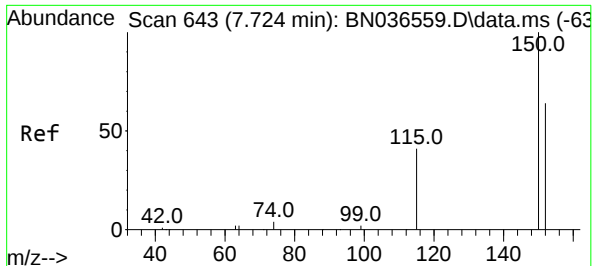
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
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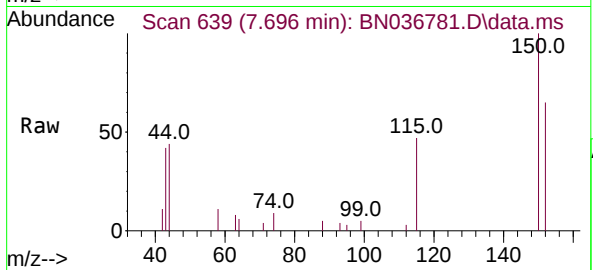
Quant Time: Mar 28 22:52:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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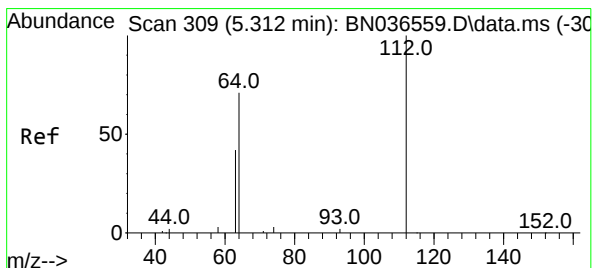
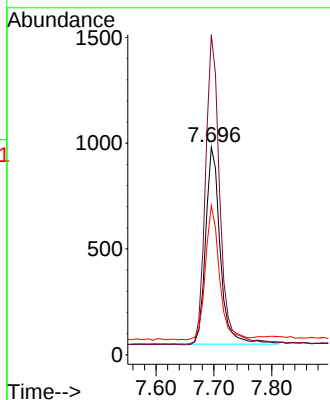
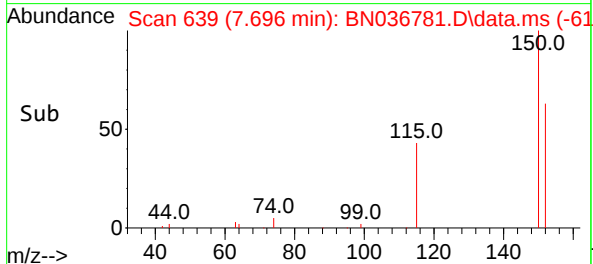


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.696 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036781.D
 Acq: 28 Mar 2025 20:02

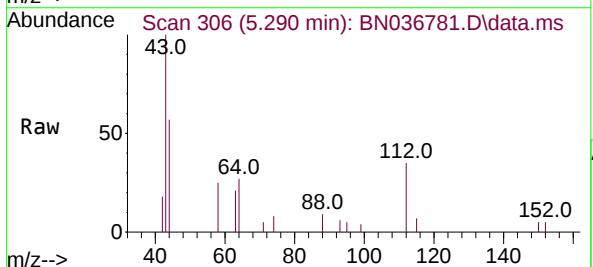
Instrument :
 BNA_N
 ClientSampleId :



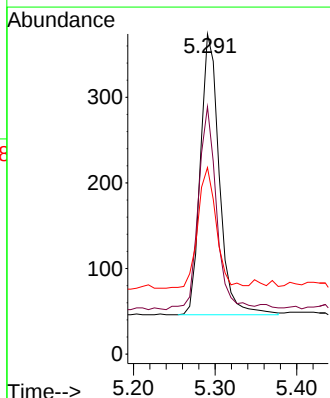
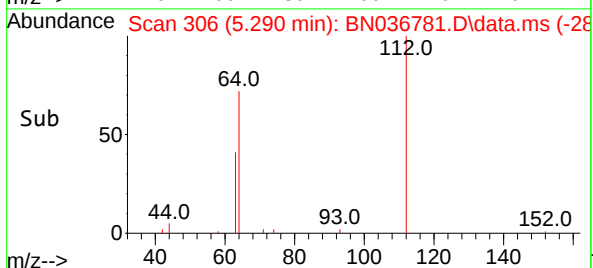
Tgt Ion:152 Resp: 1632
 Ion Ratio Lower Upper
 152 100
 150 154.2 123.7 185.5
 115 71.9 54.3 81.5



#4
 2-Fluorophenol
 Concen: 0.139 ng
 RT: 5.290 min Scan# 306
 Delta R.T. -0.022 min
 Lab File: BN036781.D
 Acq: 28 Mar 2025 20:02



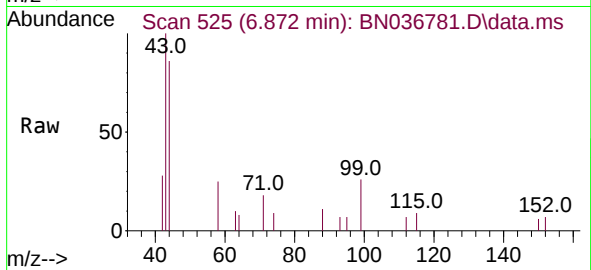
Tgt Ion:112 Resp: 527
 Ion Ratio Lower Upper
 112 100
 64 68.5 53.1 79.7
 63 42.1 31.8 47.8



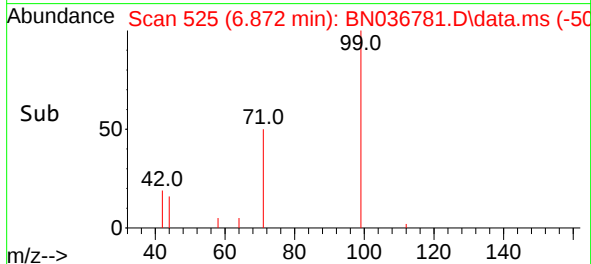
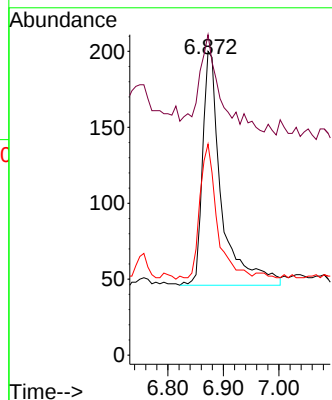


#5
Phenol-d6
Concen: 0.078 ng
RT: 6.872 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Instrument :
BNA_N
ClientSampleId :

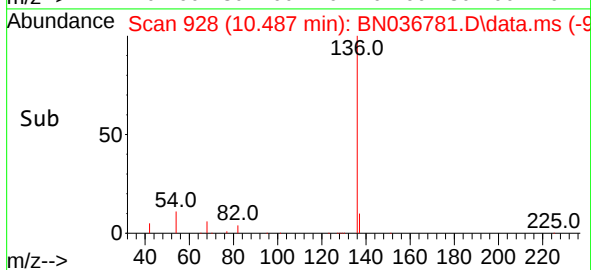
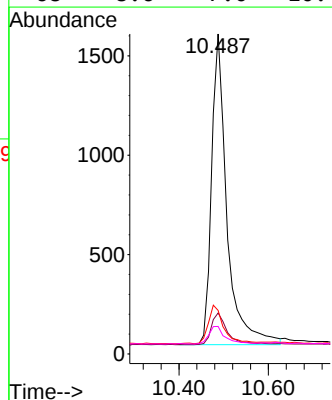
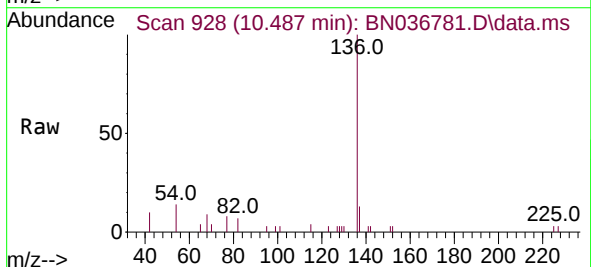


Tgt Ion: 99 Resp: 366
Ion Ratio Lower Upper
99 100
42 33.6 26.5 39.7
71 53.3 34.1 51.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Tgt Ion: 136 Resp: 3714
Ion Ratio Lower Upper
136 100
137 12.8 10.3 15.5
54 13.6 11.5 17.3
68 8.6 7.0 10.4

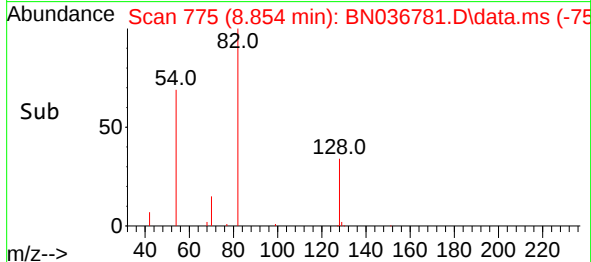
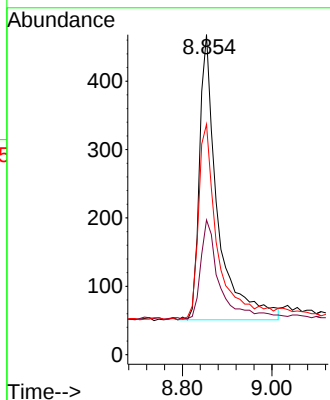
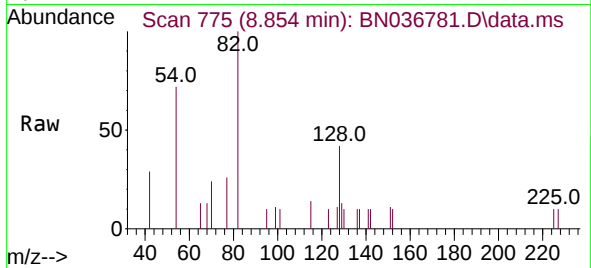




#8
 Nitrobenzene-d5
 Concen: 0.292 ng
 RT: 8.854 min Scan# 71
 Delta R.T. -0.021 min
 Lab File: BN036781.D
 Acq: 28 Mar 2025 20:02

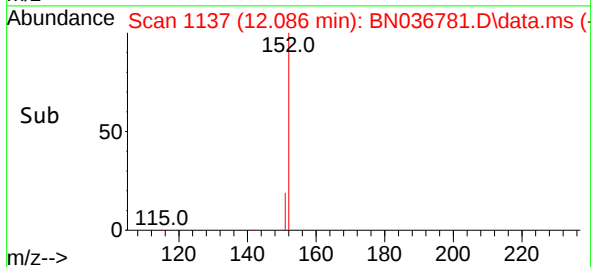
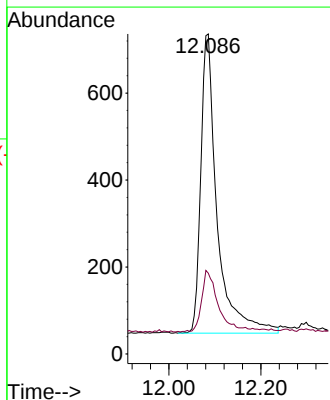
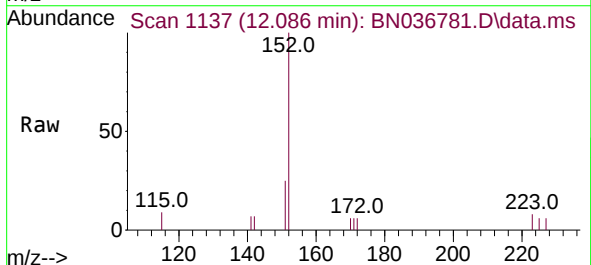
Instrument :
 BNA_N
 ClientSampleId :

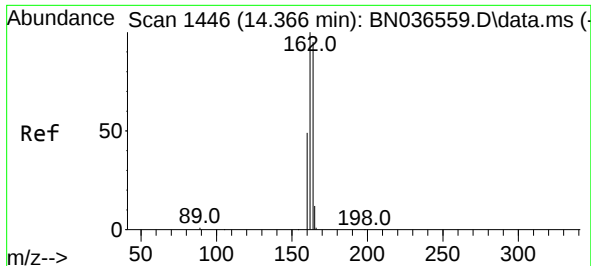
Tgt Ion: 82 Resp: 1178
 Ion Ratio Lower Upper
 82 100
 128 42.1 30.6 45.8
 54 72.0 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.307 ng
 RT: 12.086 min Scan# 1137
 Delta R.T. -0.025 min
 Lab File: BN036781.D
 Acq: 28 Mar 2025 20:02

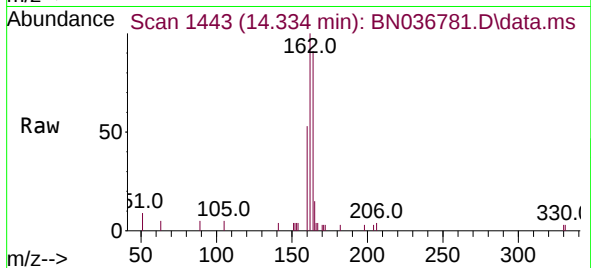
Tgt Ion: 152 Resp: 1696
 Ion Ratio Lower Upper
 152 100
 151 20.8 17.0 25.6



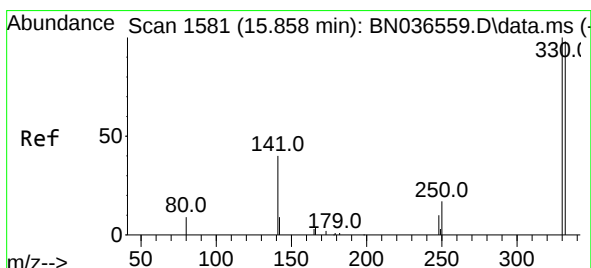
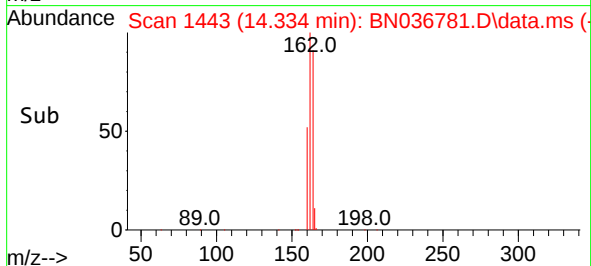
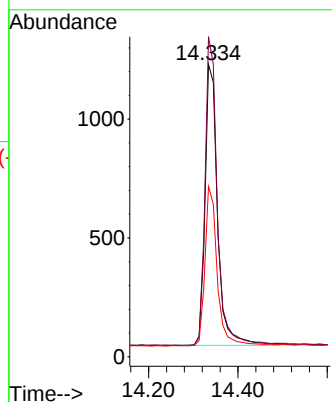


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. -0.032 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Instrument :
BNA_N
ClientSampleId :

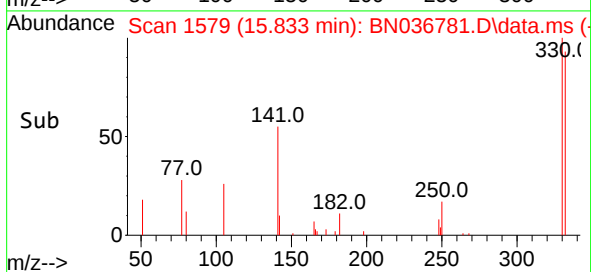
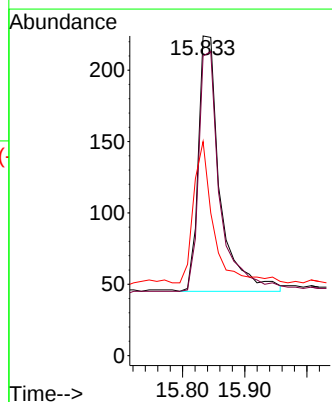
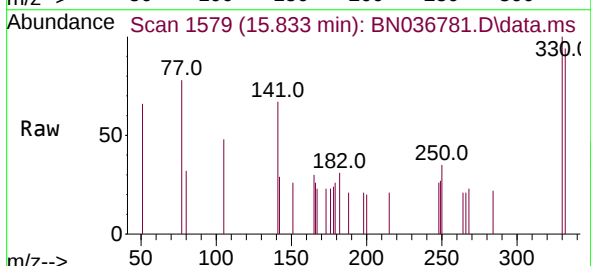


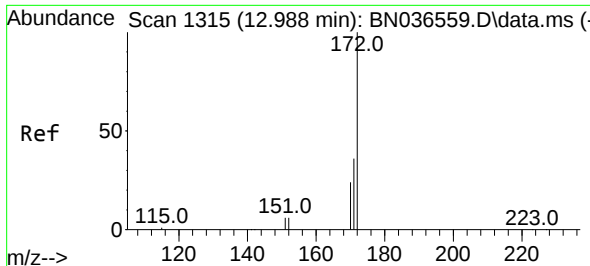
Tgt Ion:164 Resp: 2302
Ion Ratio Lower Upper
164 100
162 109.5 84.2 126.2
160 58.3 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.417 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.025 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

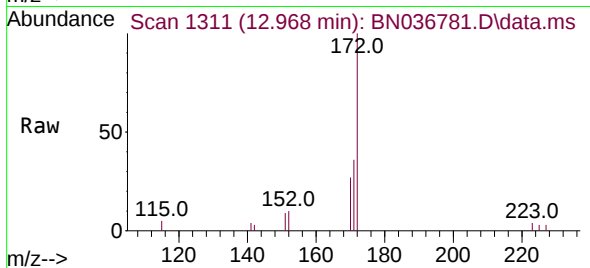
Tgt Ion:330 Resp: 436
Ion Ratio Lower Upper
330 100
332 93.3 75.2 112.8
141 50.0 43.4 65.2



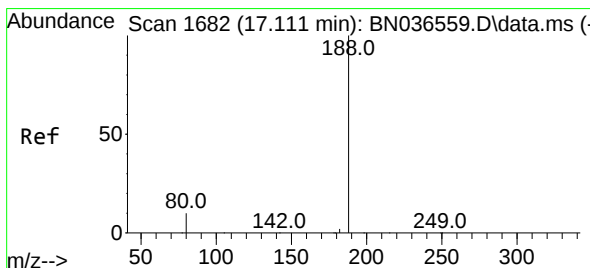
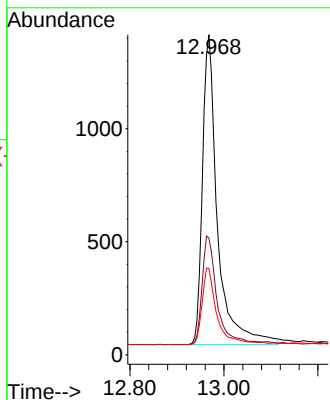
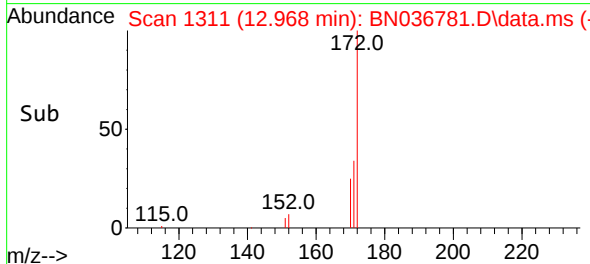


#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Instrument :
BNA_N
ClientSampleId :

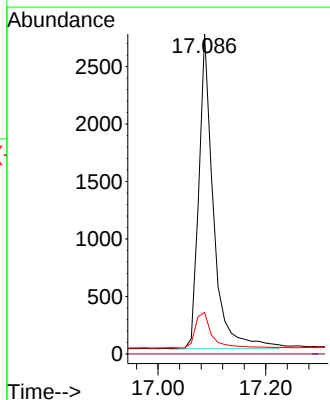
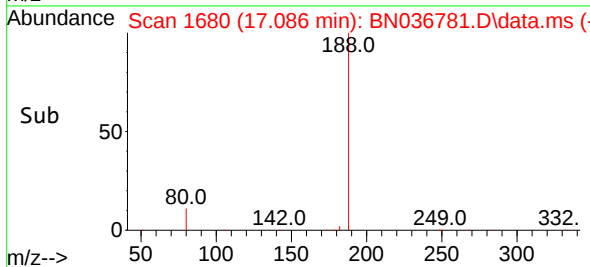
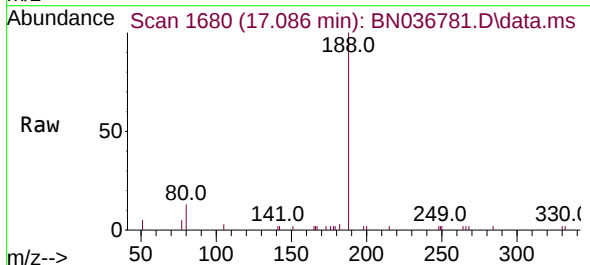


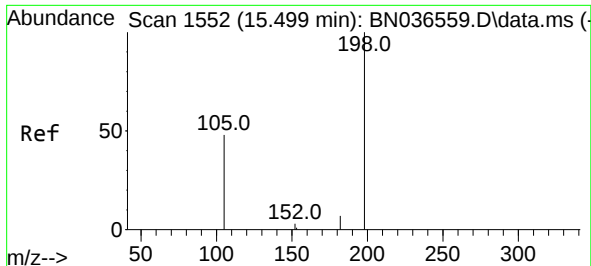
Tgt Ion:172 Resp: 3874
Ion Ratio Lower Upper
172 100
171 36.4 29.5 44.3
170 27.0 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Tgt Ion:188 Resp: 5150
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 8.8 13.2

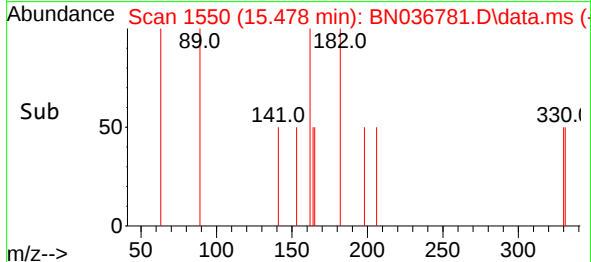
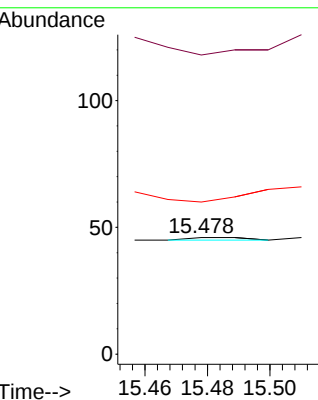
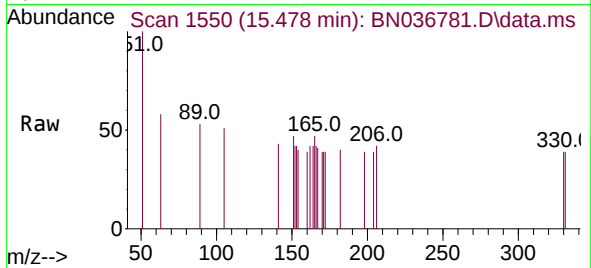




#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.478 min Scan# 1
Delta R.T. -0.021 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

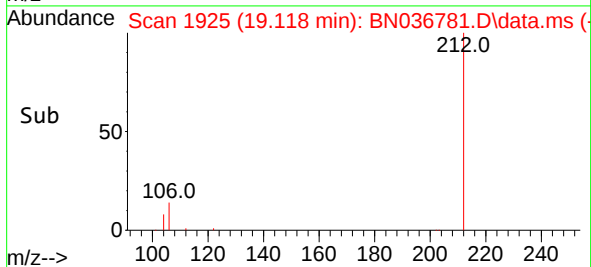
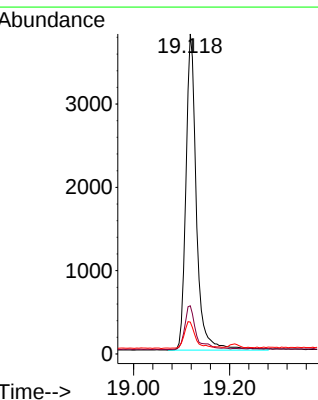
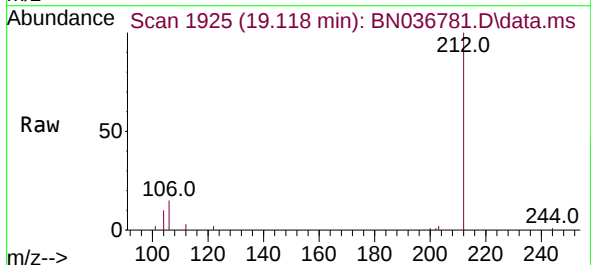
Instrument :
BNA_N
ClientSampleId :

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 256.5 107.9 161.9#
105 130.4 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.439 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.023 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

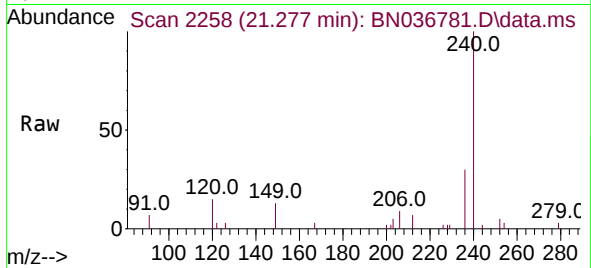
Tgt Ion:212 Resp: 5801
Ion Ratio Lower Upper
212 100
106 15.0 11.8 17.6
104 8.7 7.3 10.9



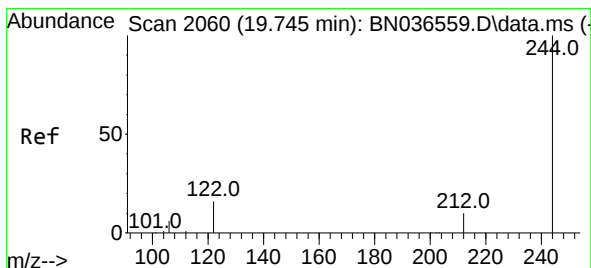
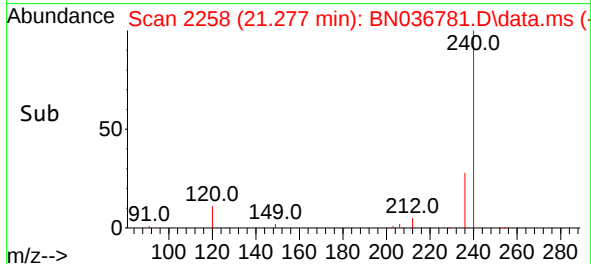
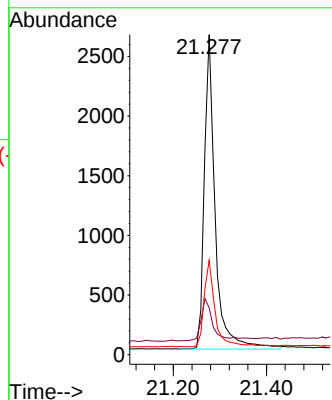


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Instrument :
BNA_N
ClientSampleId :

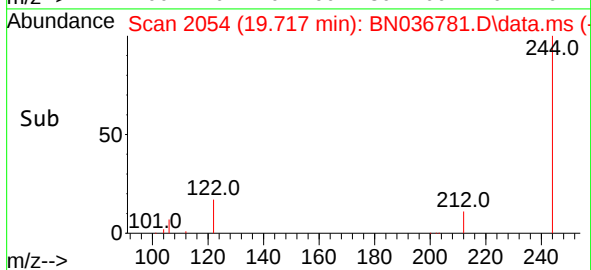
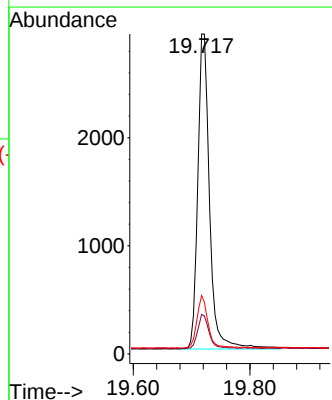
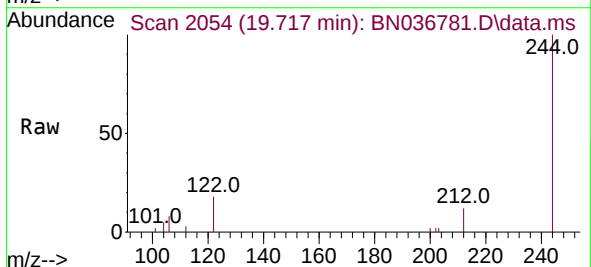


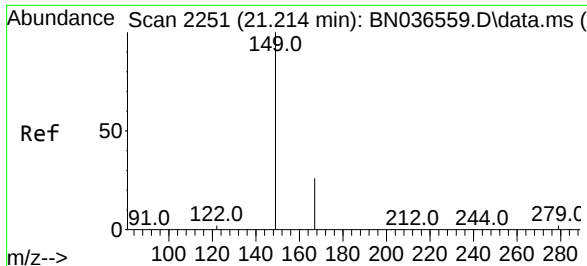
Tgt Ion:240 Resp: 4271
Ion Ratio Lower Upper
240 100
120 14.7 14.6 22.0
236 29.5 24.1 36.1



#31
Terphenyl-d14
Concen: 0.399 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.028 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Tgt Ion:244 Resp: 4087
Ion Ratio Lower Upper
244 100
212 12.4 9.6 14.4
122 18.2 13.9 20.9

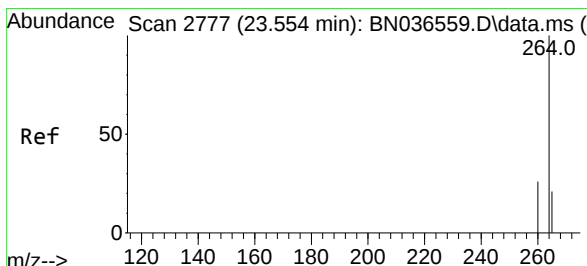
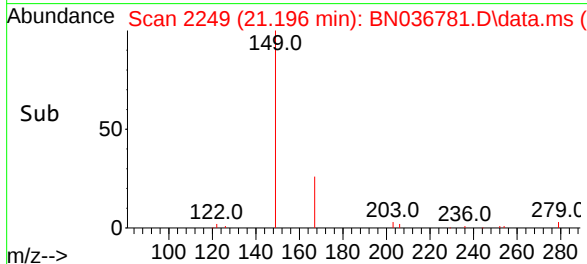
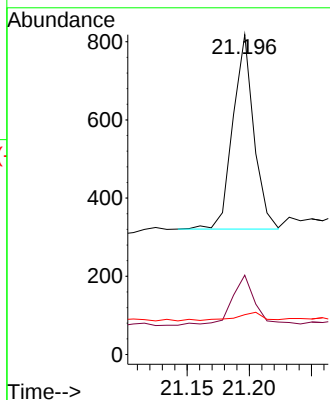
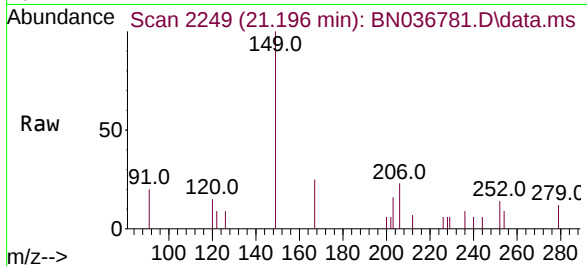




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.055 ng
RT: 21.196 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 581
Ion Ratio Lower Upper
149 100
167 29.1 20.7 31.1
279 6.0 3.6 5.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.519 min Scan# 2765
Delta R.T. -0.035 min
Lab File: BN036781.D
Acq: 28 Mar 2025 20:02

Tgt Ion:264 Resp: 3690
Ion Ratio Lower Upper
264 100
260 27.0 22.6 33.8
265 79.3 88.1 132.1#

