

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036824.D
 Acq On : 03 Apr 2025 16:01
 Operator : RC/JU
 Sample : Q1697-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 IW-03-55-040125

Quant Time: Apr 03 16:28:01 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)

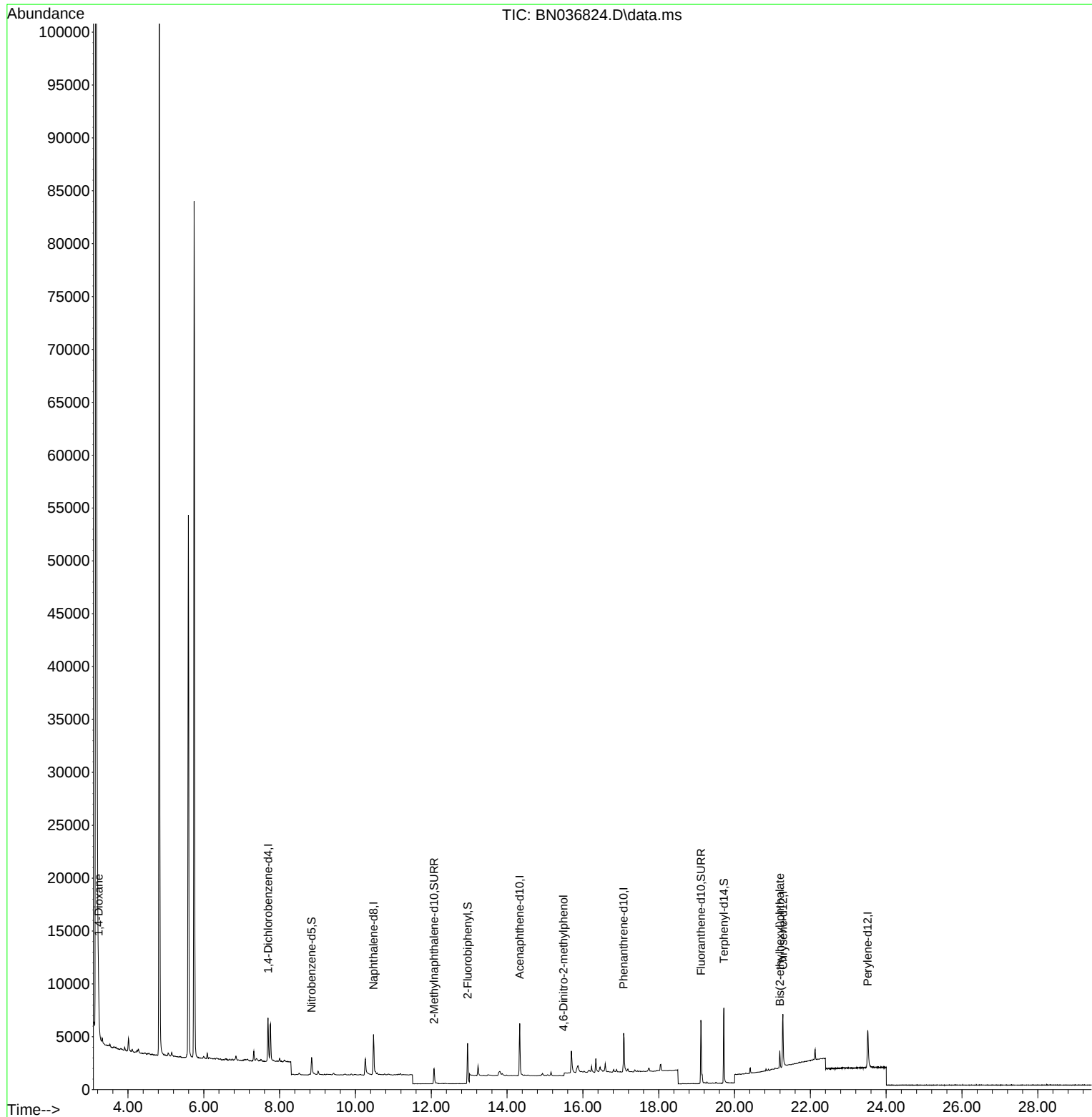
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2109	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	5014	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2862	0.400	ng	-0.03
19) Phenanthrene-d10	17.074	188	6078	0.400	ng	#-0.04
29) Chrysene-d12	21.277	240	5687	0.400	ng	#-0.02
35) Perylene-d12	23.513	264	5490	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	10	0.002	ng	-0.02
5) Phenol-d6	6.872	99	11	0.002	ng	-0.03
8) Nitrobenzene-d5	8.843	82	1641	0.301	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2307	0.309	ng	-0.04
14) 2,4,6-Tribromophenol	15.845	330	19	0.015	ng	-0.01
15) 2-Fluorobiphenyl	12.958	172	5380	0.323	ng	-0.03
27) Fluoranthene-d10	19.113	212	7184	0.461	ng	-0.03
31) Terphenyl-d14	19.717	244	7267	0.533	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	1420	0.607	ng	# 68
20) 4,6-Dinitro-2-methylph...	15.489	198	1	0.146	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	1760	0.125	ng	98

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

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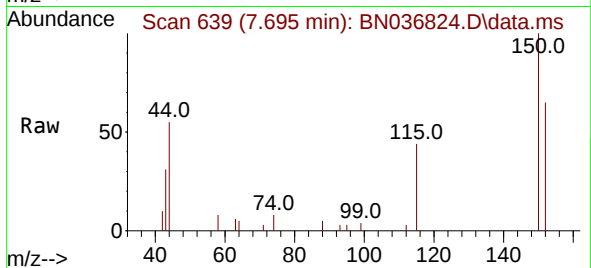
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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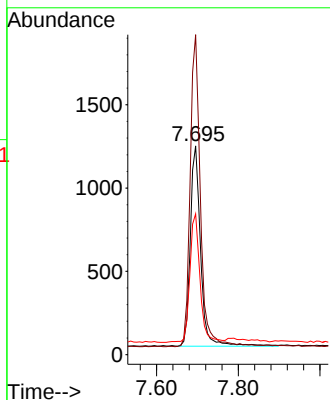
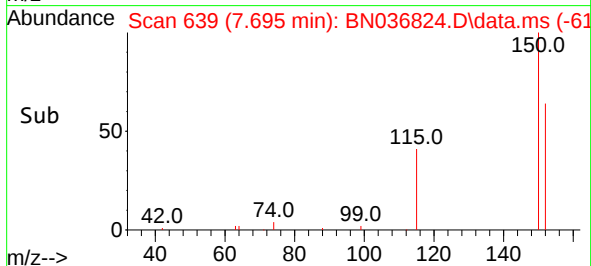


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036824.D
 Acq: 03 Apr 2025 16:01

Instrument :
 BNA_N
 ClientSampleId :
 IW-03-55-040125

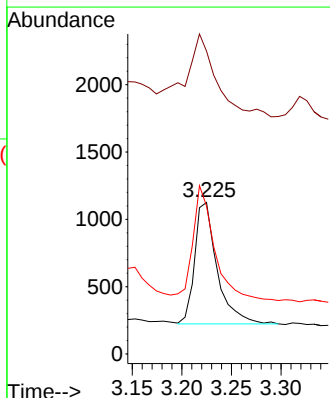
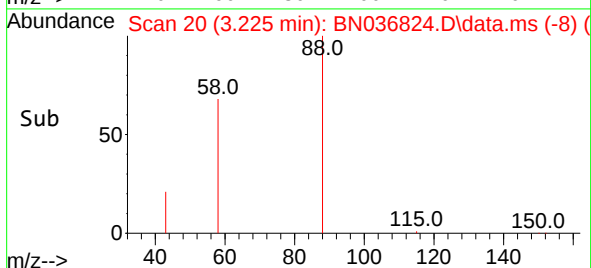
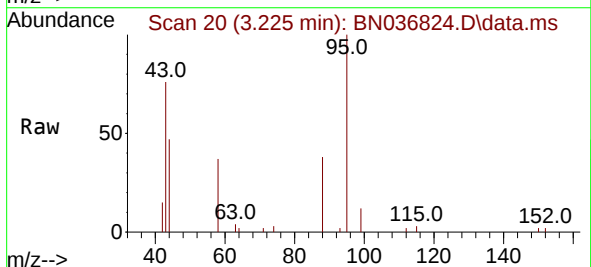


Tgt Ion:152 Resp: 2109
 Ion Ratio Lower Upper
 152 100
 150 153.3 123.7 185.5
 115 67.4 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.607 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036824.D
 Acq: 03 Apr 2025 16:01

Tgt Ion: 88 Resp: 1420
 Ion Ratio Lower Upper
 88 100
 43 95.4 37.8 56.8#
 58 92.4 67.4 101.2

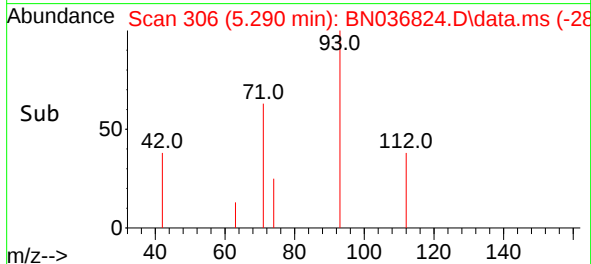
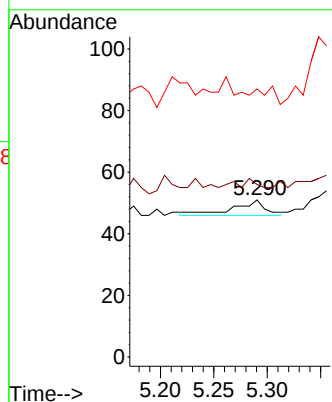
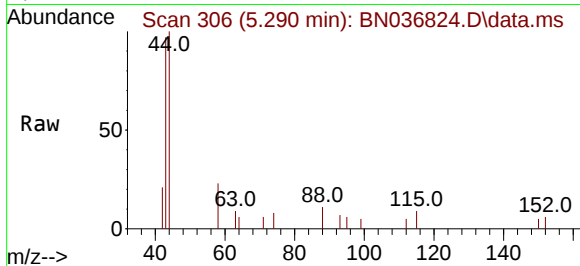




#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

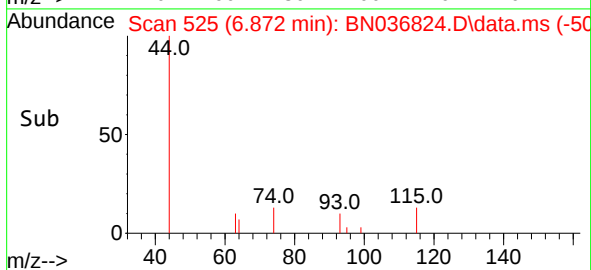
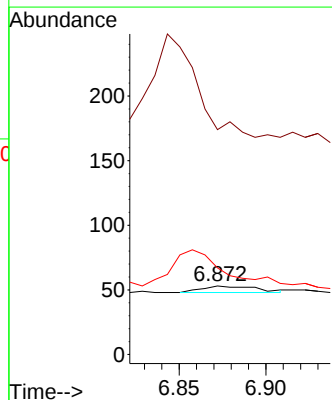
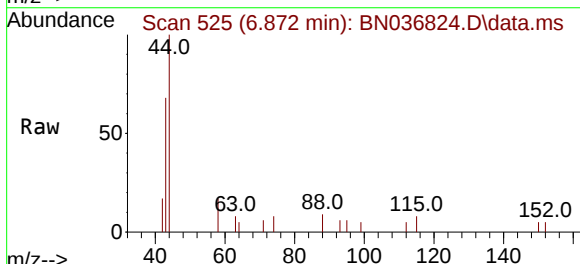
Instrument :
BNA_N
ClientSampleId :
IW-03-55-040125

Tgt Ion:112 Resp: 10
Ion Ratio Lower Upper
112 100
64 0.0 53.1 79.7#
63 0.0 31.8 47.8#



#5
Phenol-d6
Concen: 0.002 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

Tgt Ion: 99 Resp: 11
Ion Ratio Lower Upper
99 100
42 0.0 26.5 39.7#
71 0.0 34.1 51.1#

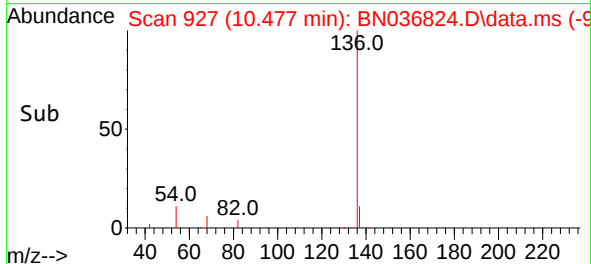
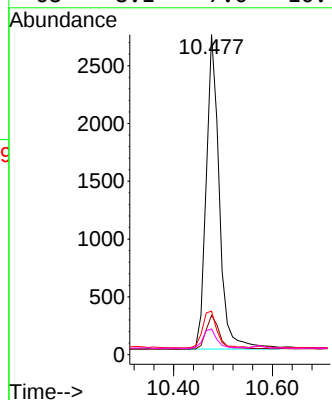
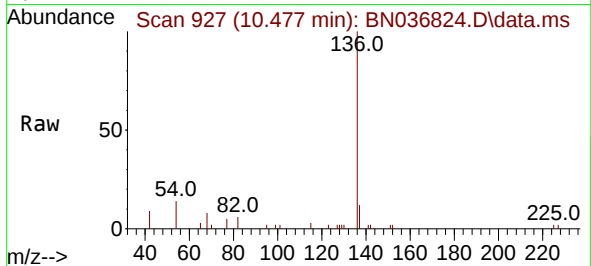




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

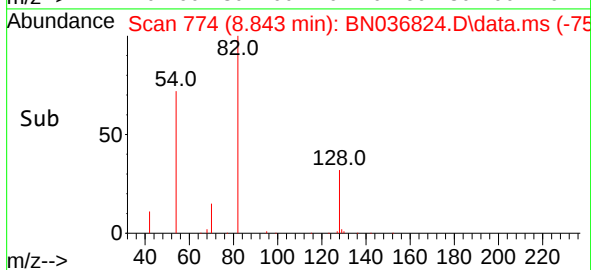
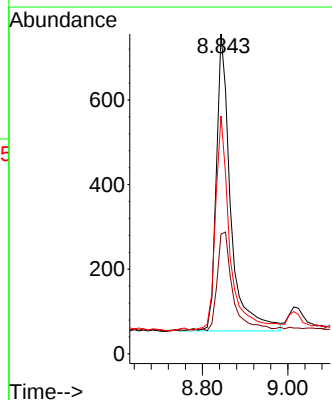
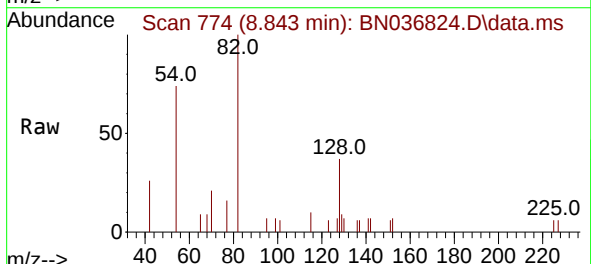
Instrument :
BNA_N
ClientSampleId :
IW-03-55-040125

Tgt Ion:	136	Resp:	5014
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.3	15.5
54	13.6	11.5	17.3
68	8.1	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.301 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.032 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

Tgt Ion:	82	Resp:	1641
Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.6	45.8
54	74.3	52.2	78.4

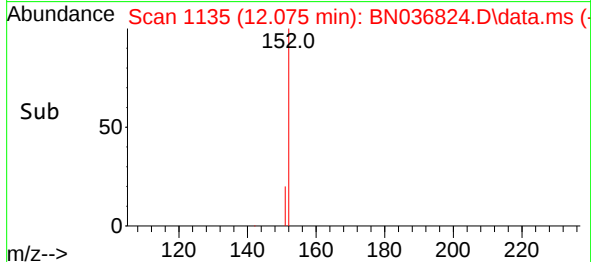
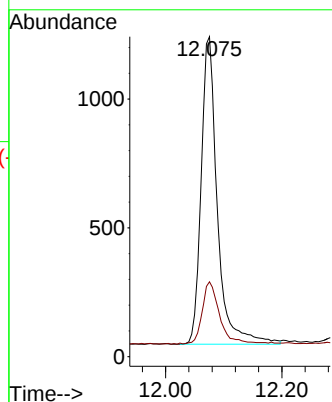
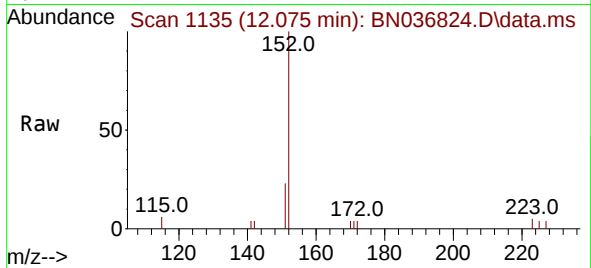




#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.075 min Scan# 1142
Delta R.T. -0.035 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

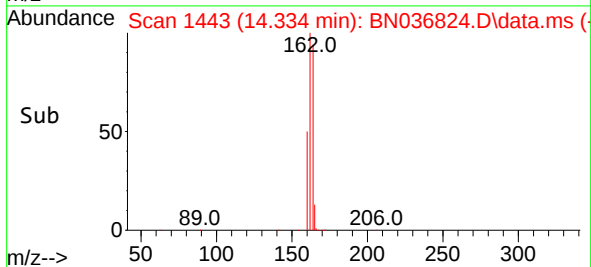
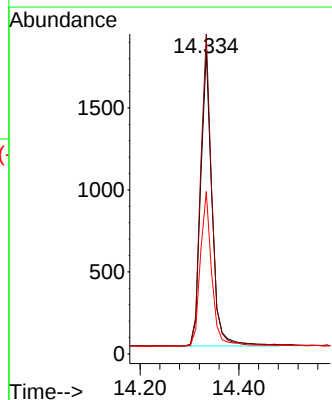
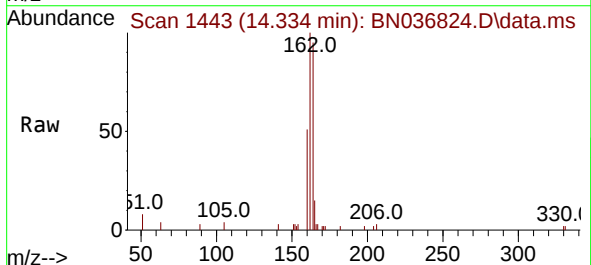
Instrument :
BNA_N
ClientSampleId :
IW-03-55-040125

Tgt Ion:152 Resp: 2307
Ion Ratio Lower Upper
152 100
151 22.0 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

Tgt Ion:164 Resp: 2862
Ion Ratio Lower Upper
164 100
162 105.7 84.2 126.2
160 53.7 42.2 63.2

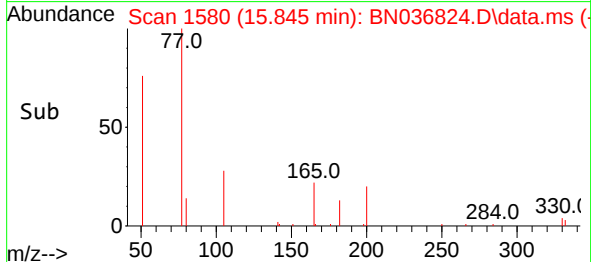
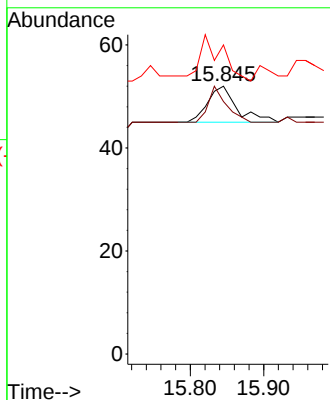
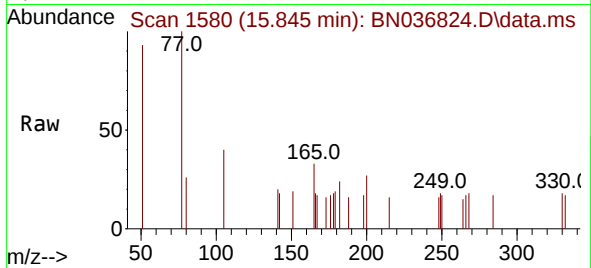




#14
2,4,6-Tribromophenol
Concen: 0.015 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

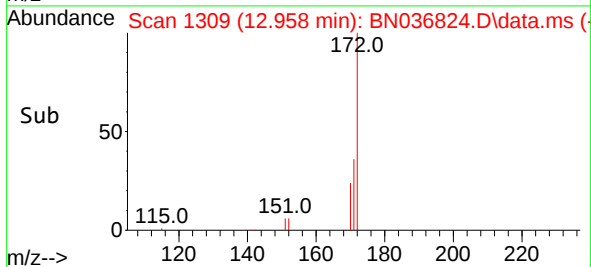
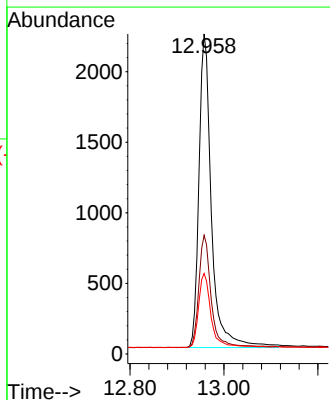
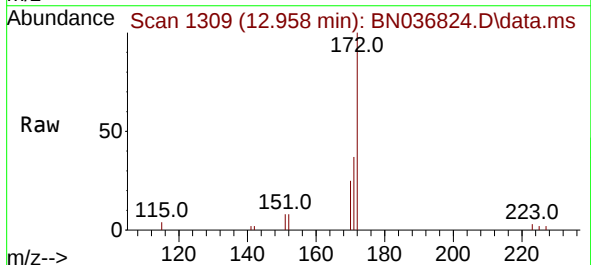
Instrument :
BNA_N
ClientSampleId :
IW-03-55-040125

Tgt Ion:330 Resp: 19
Ion Ratio Lower Upper
330 100
332 63.2 75.2 112.8#
141 0.0 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.958 min Scan# 1309
Delta R.T. -0.030 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

Tgt Ion:172 Resp: 5380
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 25.1 20.2 30.4

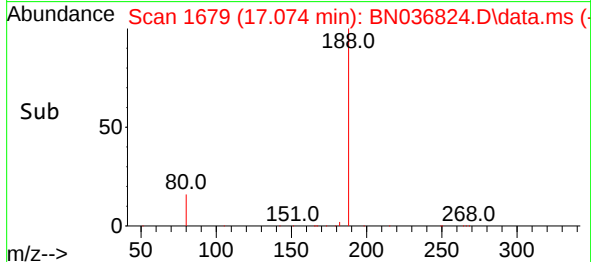
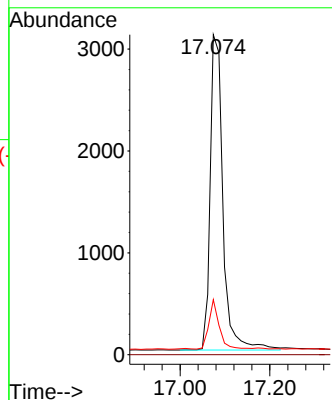
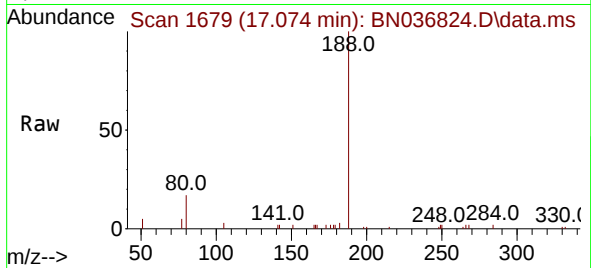




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1
Delta R.T. -0.037 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

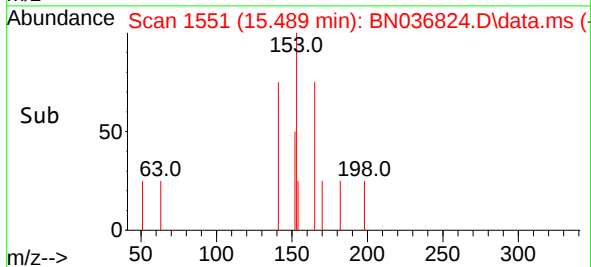
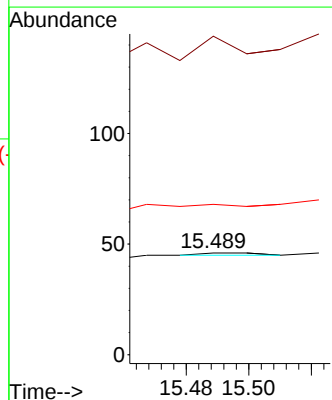
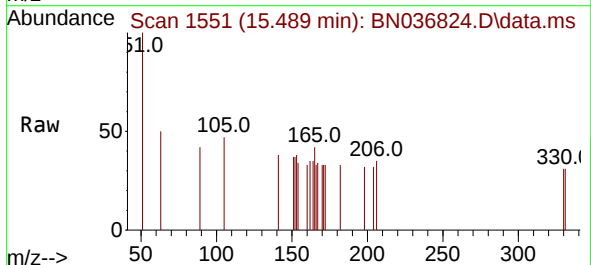
Instrument :
BNA_N
ClientSampleId :
IW-03-55-040125

Tgt Ion:188 Resp: 6078
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.2 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.146 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.010 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 313.0 107.9 161.9#
105 147.8 56.2 84.2#

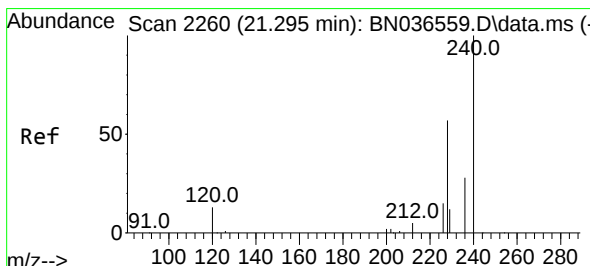
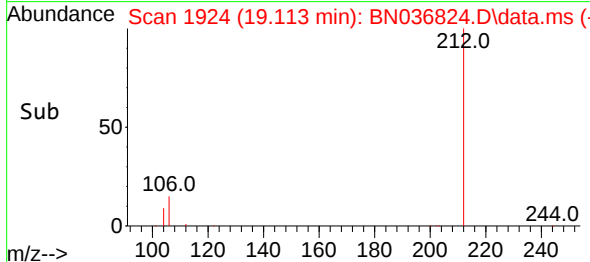
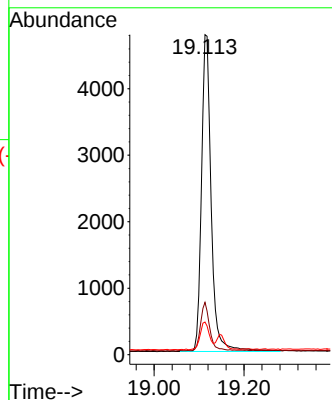
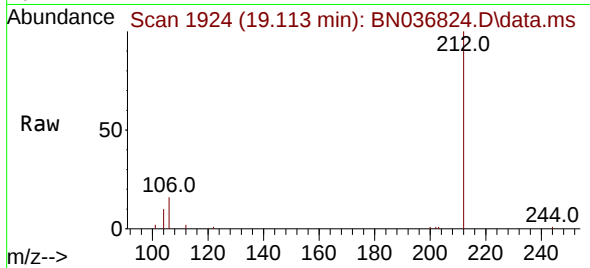




#27
Fluoranthene-d10
Concen: 0.461 ng
RT: 19.113 min Scan# 19
Delta R.T. -0.028 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

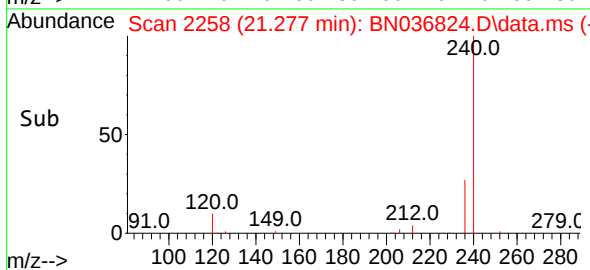
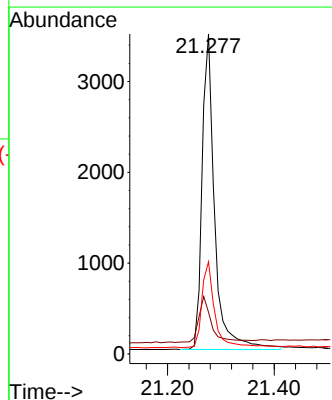
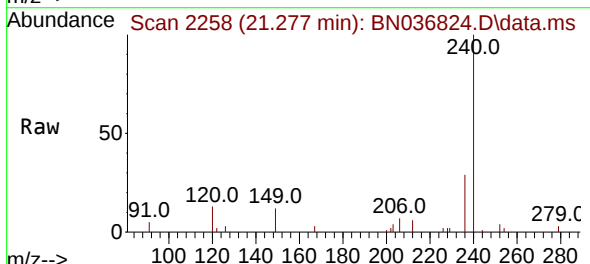
Instrument :
BNA_N
ClientSampleId :
IW-03-55-040125

Tgt Ion:212 Resp: 7184
Ion Ratio Lower Upper
212 100
106 14.3 11.8 17.6
104 8.2 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

Tgt Ion:240 Resp: 5687
Ion Ratio Lower Upper
240 100
120 13.1 14.6 22.0#
236 28.8 24.1 36.1

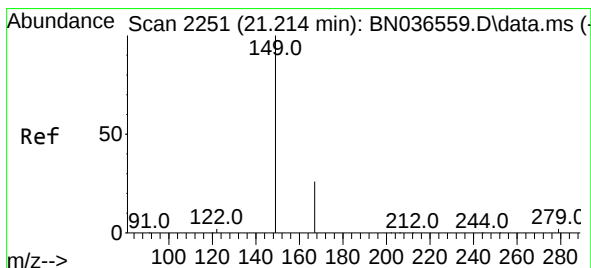
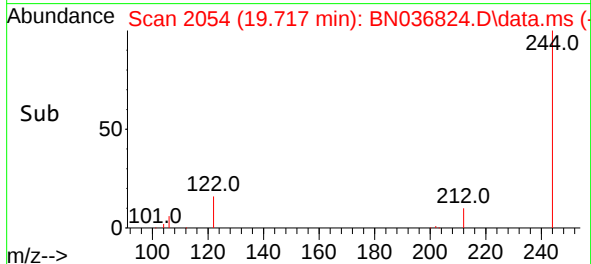
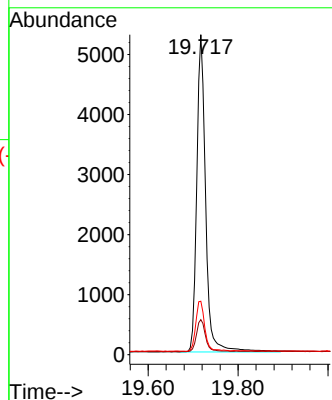
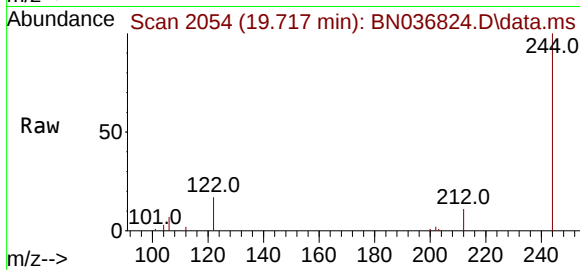




#31
 Terphenyl-d14
 Concen: 0.533 ng
 RT: 19.717 min Scan# 2054
 Delta R.T. -0.028 min
 Lab File: BN036824.D
 Acq: 03 Apr 2025 16:01

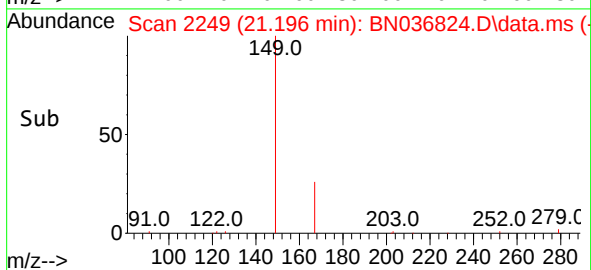
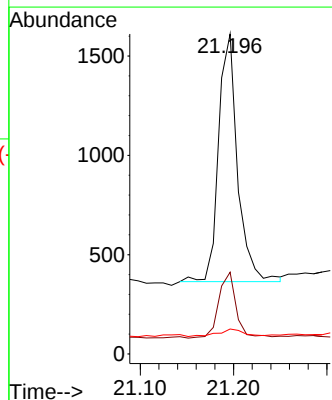
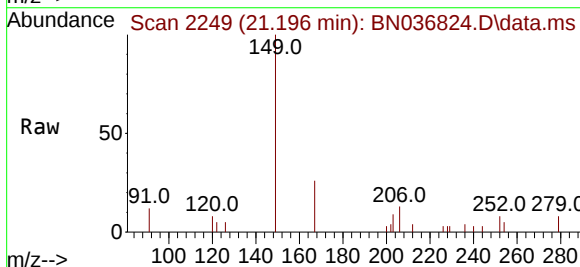
Instrument :
 BNA_N
 ClientSampleId :
 IW-03-55-040125

Tgt Ion:244 Resp: 7267
 Ion Ratio Lower Upper
 244 100
 212 11.0 9.6 14.4
 122 16.7 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.125 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036824.D
 Acq: 03 Apr 2025 16:01

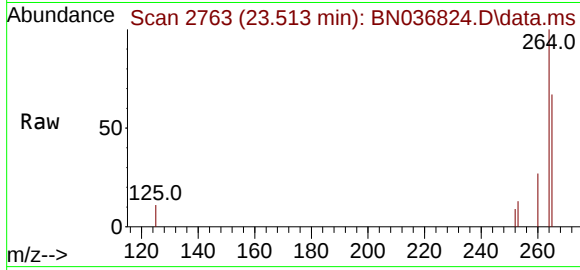
Tgt Ion:149 Resp: 1760
 Ion Ratio Lower Upper
 149 100
 167 24.6 20.7 31.1
 279 4.1 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.513 min Scan# 21
Delta R.T. -0.041 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

Instrument :
BNA_N
ClientSampleId :
IW-03-55-040125



Tgt Ion:264 Resp: 5490
Ion Ratio Lower Upper
264 100
260 26.8 22.6 33.8
265 67.1 88.1 132.1#

