

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 17:05:05 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

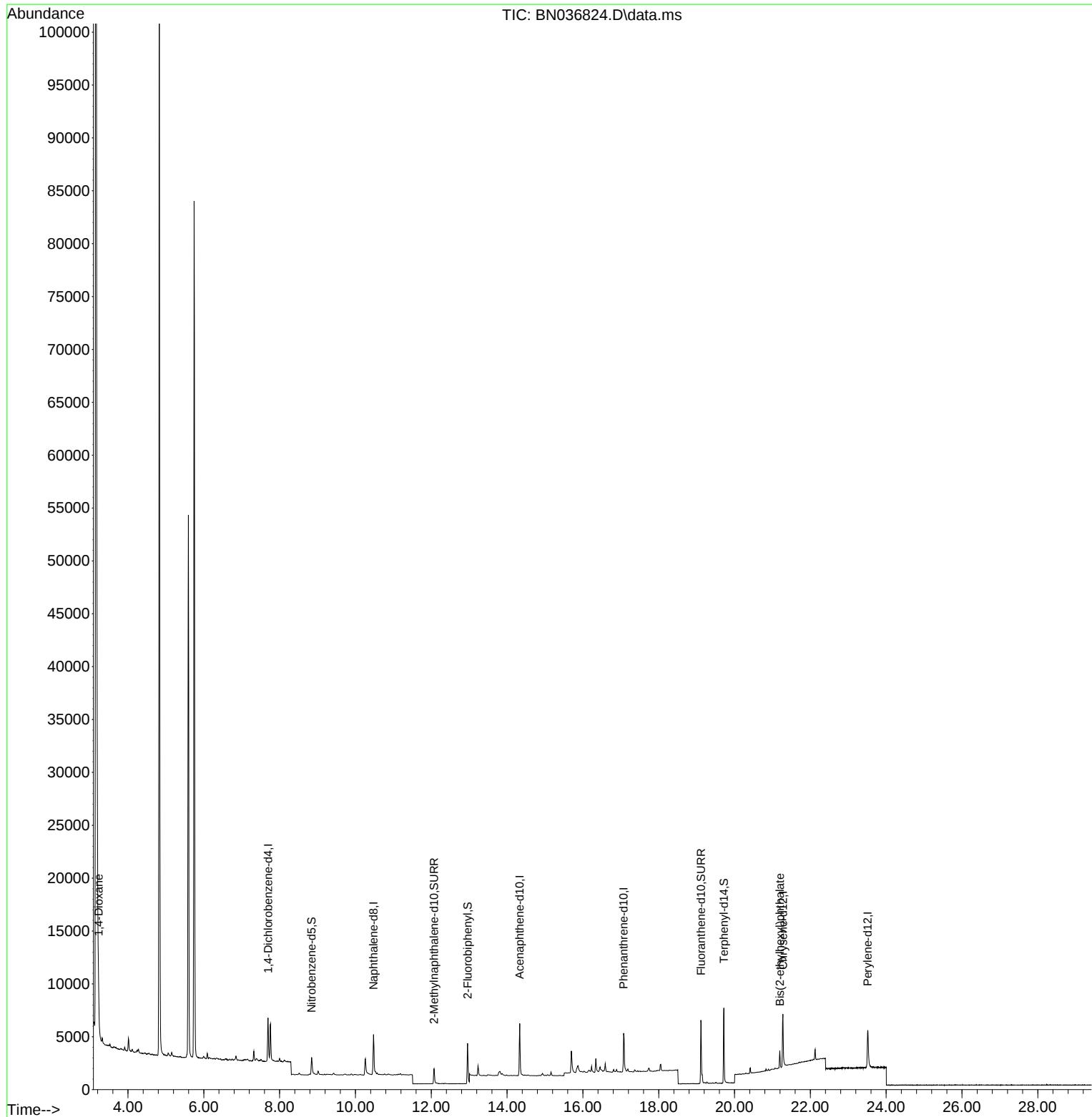
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2109	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	5014	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2862	0.400	ng	-0.03
19) Phenanthrene-d10	17.074	188	6078	0.400	ng	#-0.04
29) Chrysene-d12	21.277	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	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
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	0.000	330	0d	0.000	ng	
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						
2) 1,4-Dioxane	3.225	88	1420	0.607	ng	# 68
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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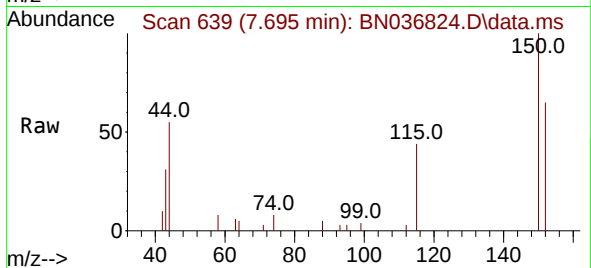
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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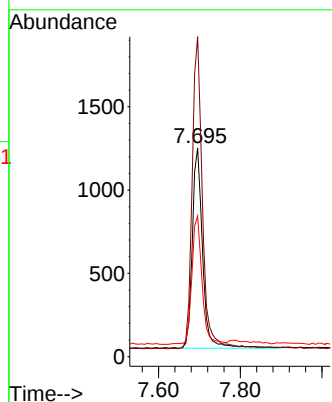
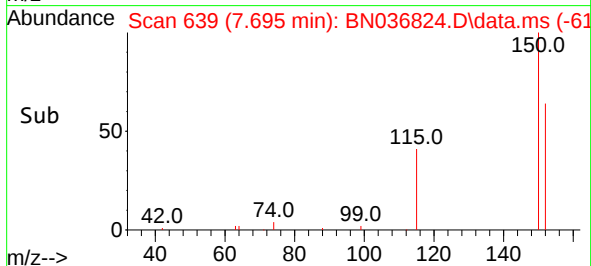


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036824.D
 Acq: 03 Apr 2025 16:01

Instrument :
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 IW-03-55-040125

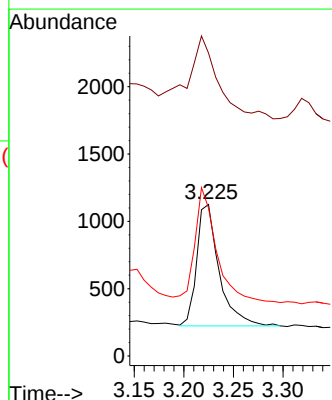
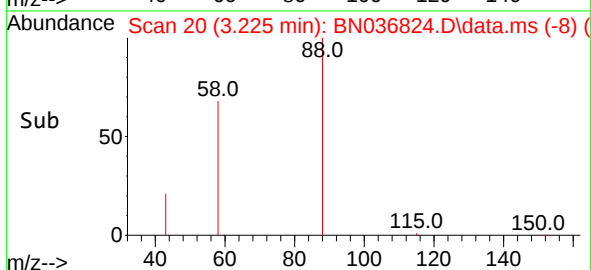
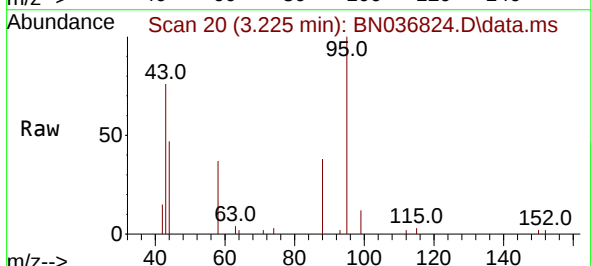


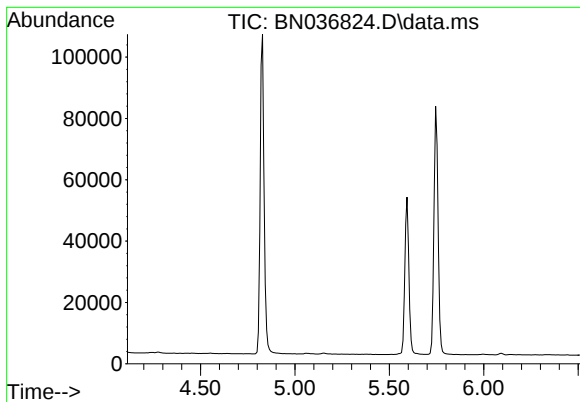
Tgt Ion:152 Resp: 2109
 Ion Ratio Lower Upper
 152 100
 150 153.3 123.7 185.5
 115 67.4 54.3 81.5



#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



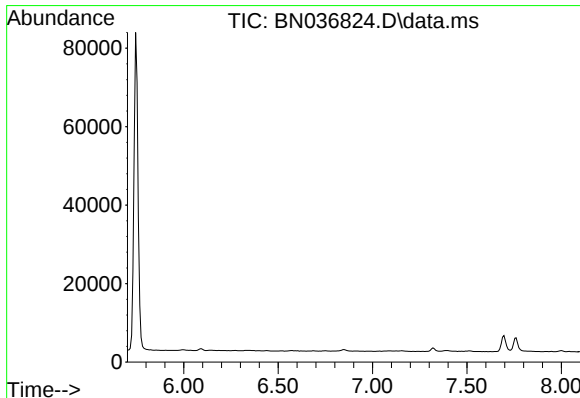
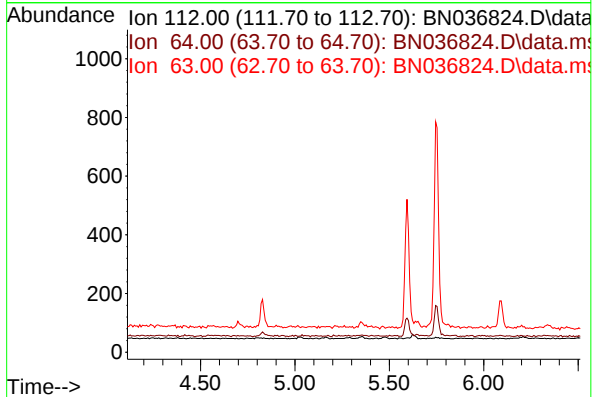


#4
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.31 min
 Lab File: BN036824.D
 Acq: 03 Apr 2025 16:01

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

Tgt Ion: 112

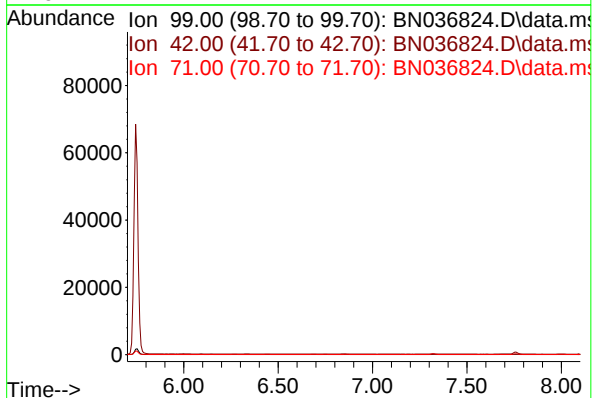
Sig	Exp Ratio
112	100
64	66.4
63	39.8



#5
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.90 min
 Lab File: BN036824.D
 Acq: 03 Apr 2025 16:01

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	33.1
71	42.6

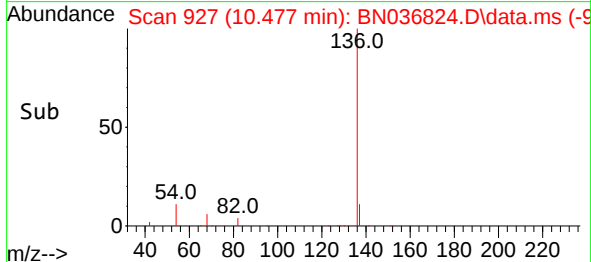
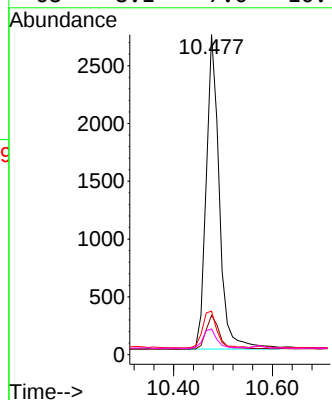
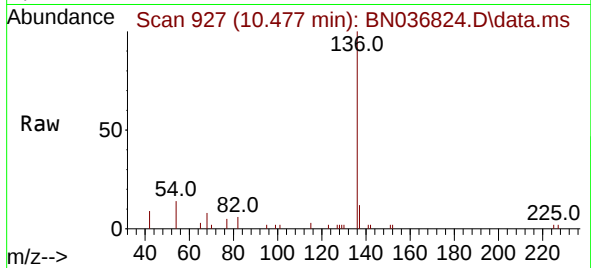




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

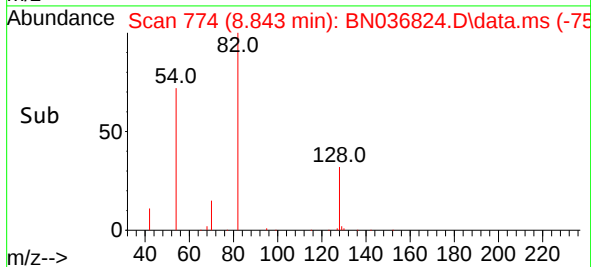
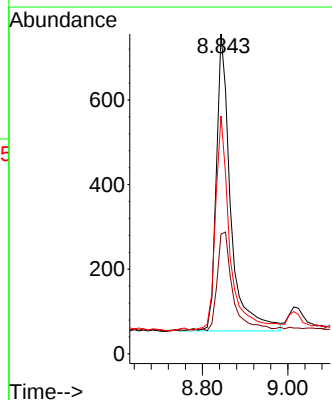
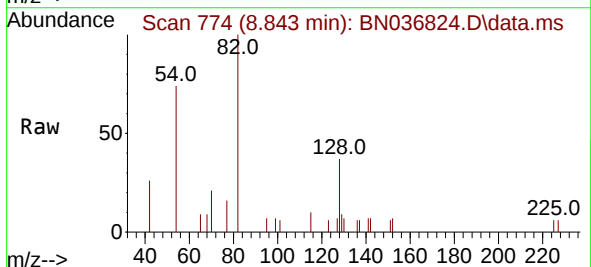
Instrument :
BNA_N
ClientSampleId :
IW-03-55-040125

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

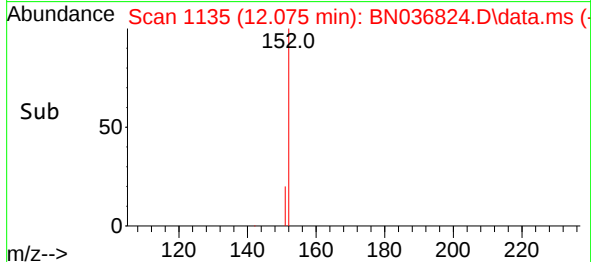
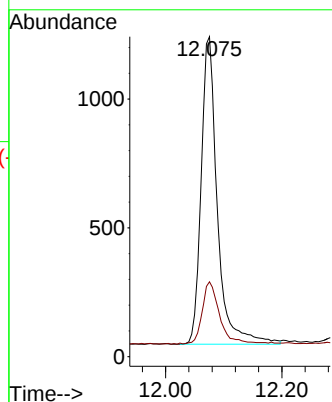
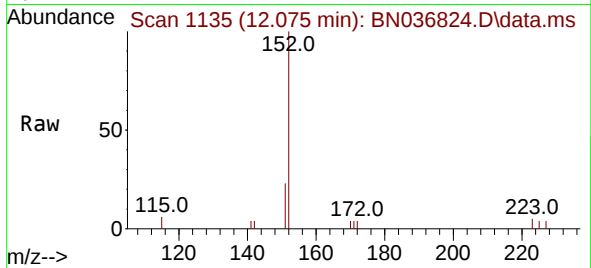




#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.075 min Scan# 1142
Delta R.T. -0.035 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

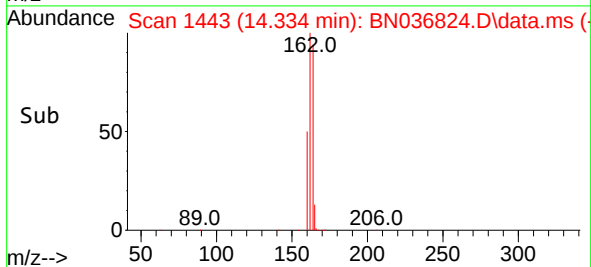
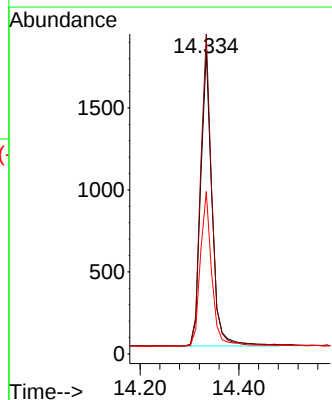
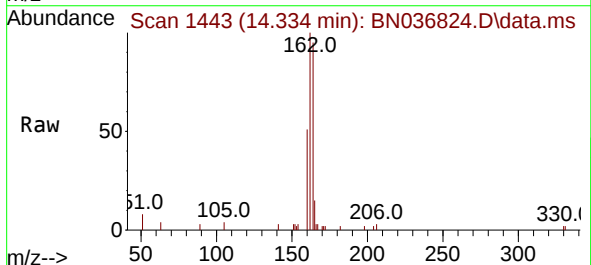
Instrument :
BNA_N
ClientSampleId :
IW-03-55-040125

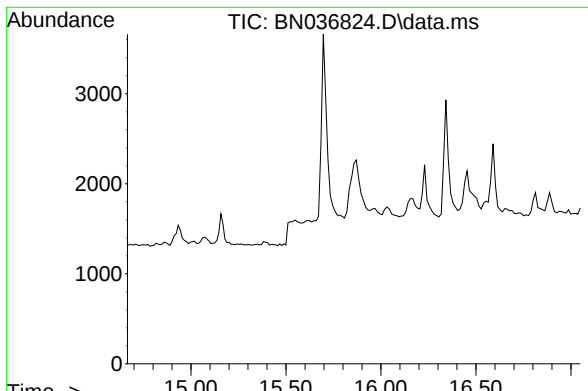
Tgt Ion:152 Resp: 2307
Ion Ratio Lower Upper
152 100
151 22.0 17.0 25.6



#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



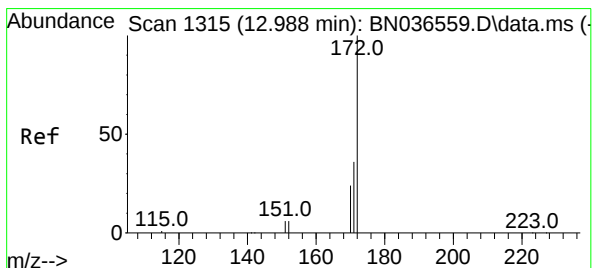
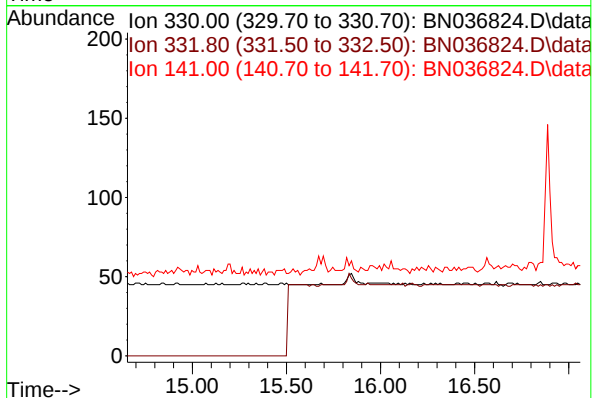


#14
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.86 min
 Lab File: BN036824.D
 Acq: 03 Apr 2025 16:01

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

Tgt Ion: 330

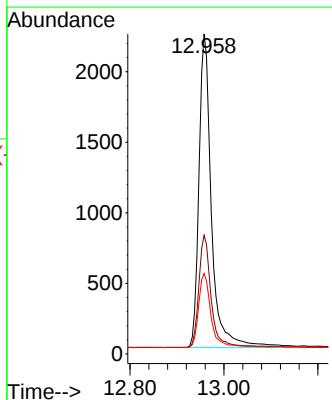
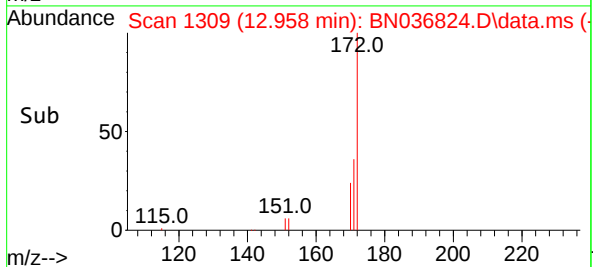
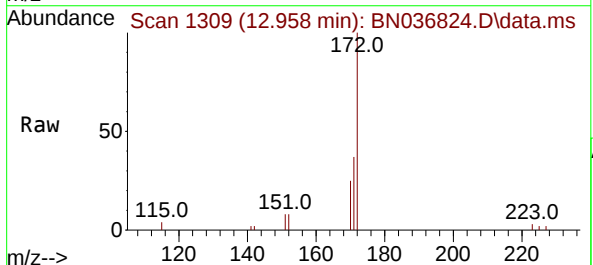
Sig	Exp Ratio
330	100
332	94.0
141	54.3



#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

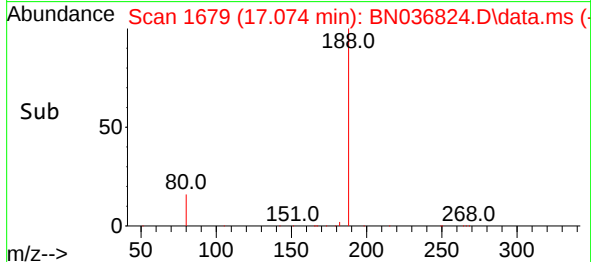
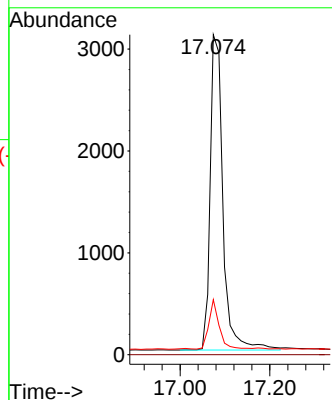
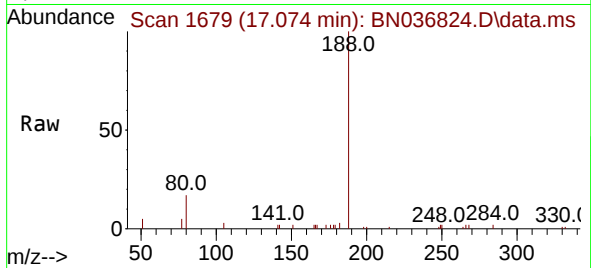




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1682
Delta R.T. -0.037 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

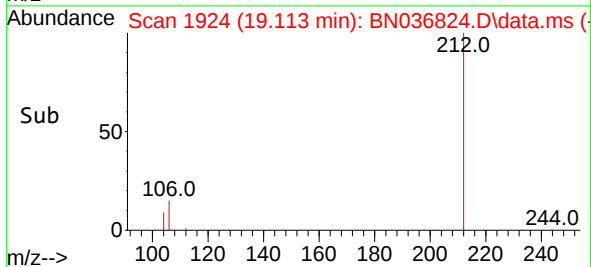
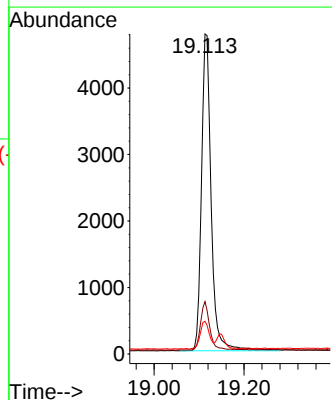
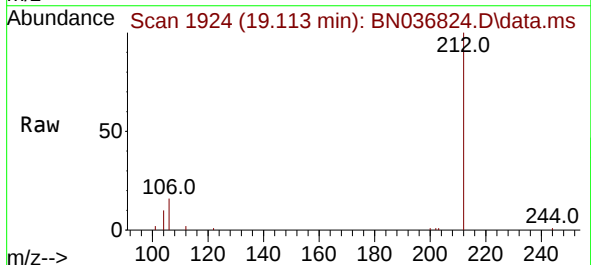
Instrument :
BNA_N
ClientSampleId :
IW-03-55-040125

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#



#27
Fluoranthene-d10
Concen: 0.461 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.028 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

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

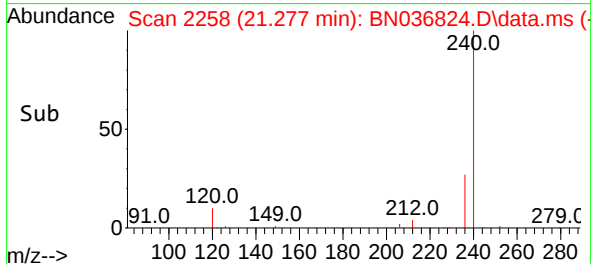
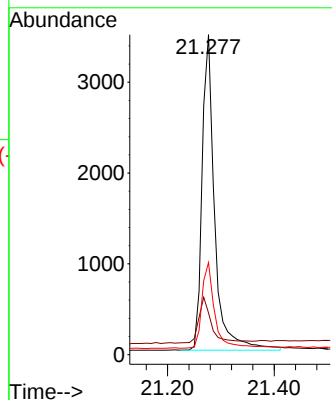
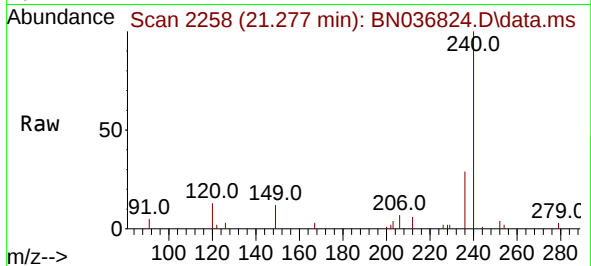




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036824.D
Acq: 03 Apr 2025 16:01

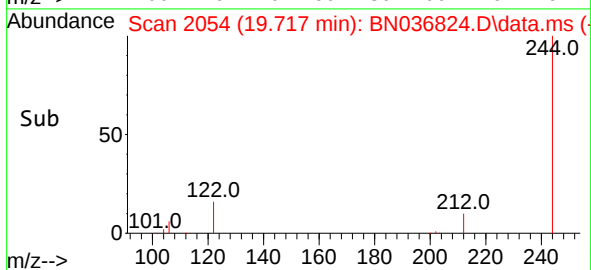
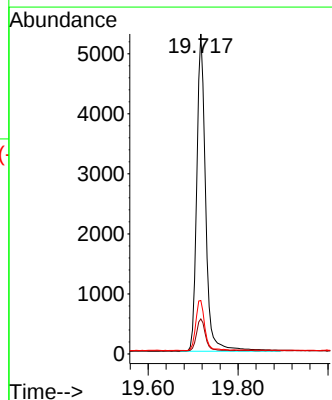
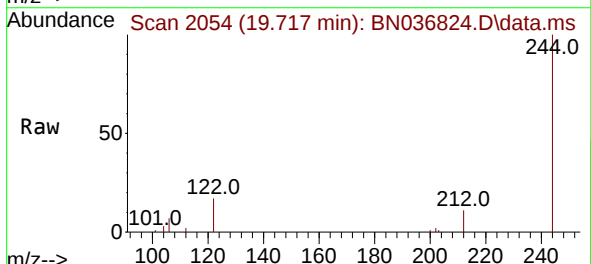
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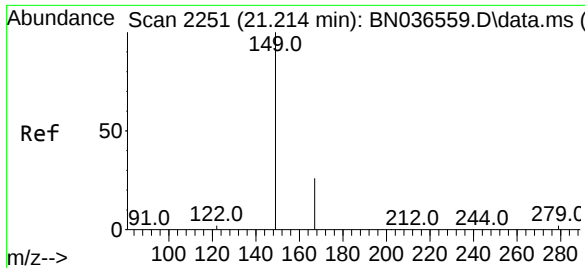
Tgt Ion:240 Resp: 5687
Ion Ratio Lower Upper
240 100
120 13.1 14.6 22.0#
236 28.8 24.1 36.1



#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

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

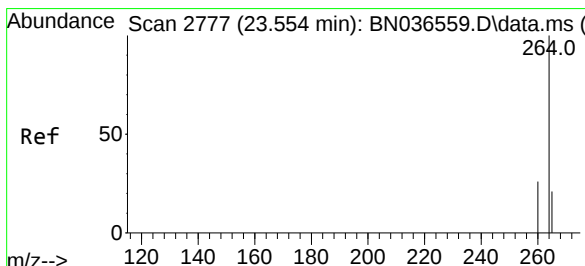
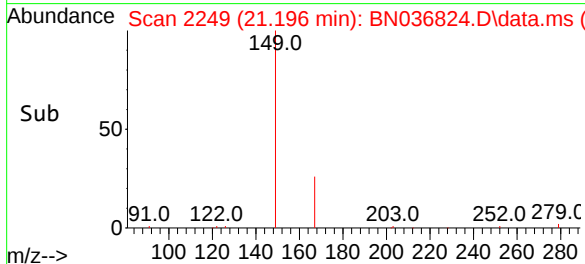
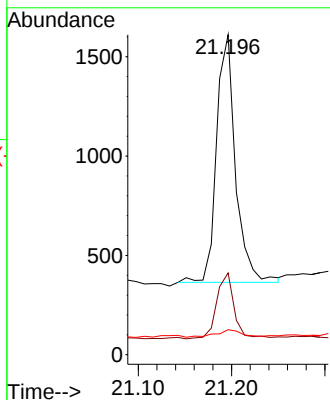
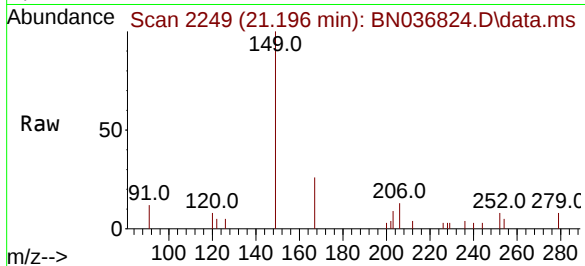




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.125 ng
 RT: 21.196 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN036824.D
 Acq: 03 Apr 2025 16:01

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

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# 2763
 Delta R.T. -0.041 min
 Lab File: BN036824.D
 Acq: 03 Apr 2025 16:01

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#

