

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036822.D
 Acq On : 03 Apr 2025 14:49
 Operator : RC/JU
 Sample : Q1697-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 IW-02-55-040125

Quant Time: Apr 03 15:15:17 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)

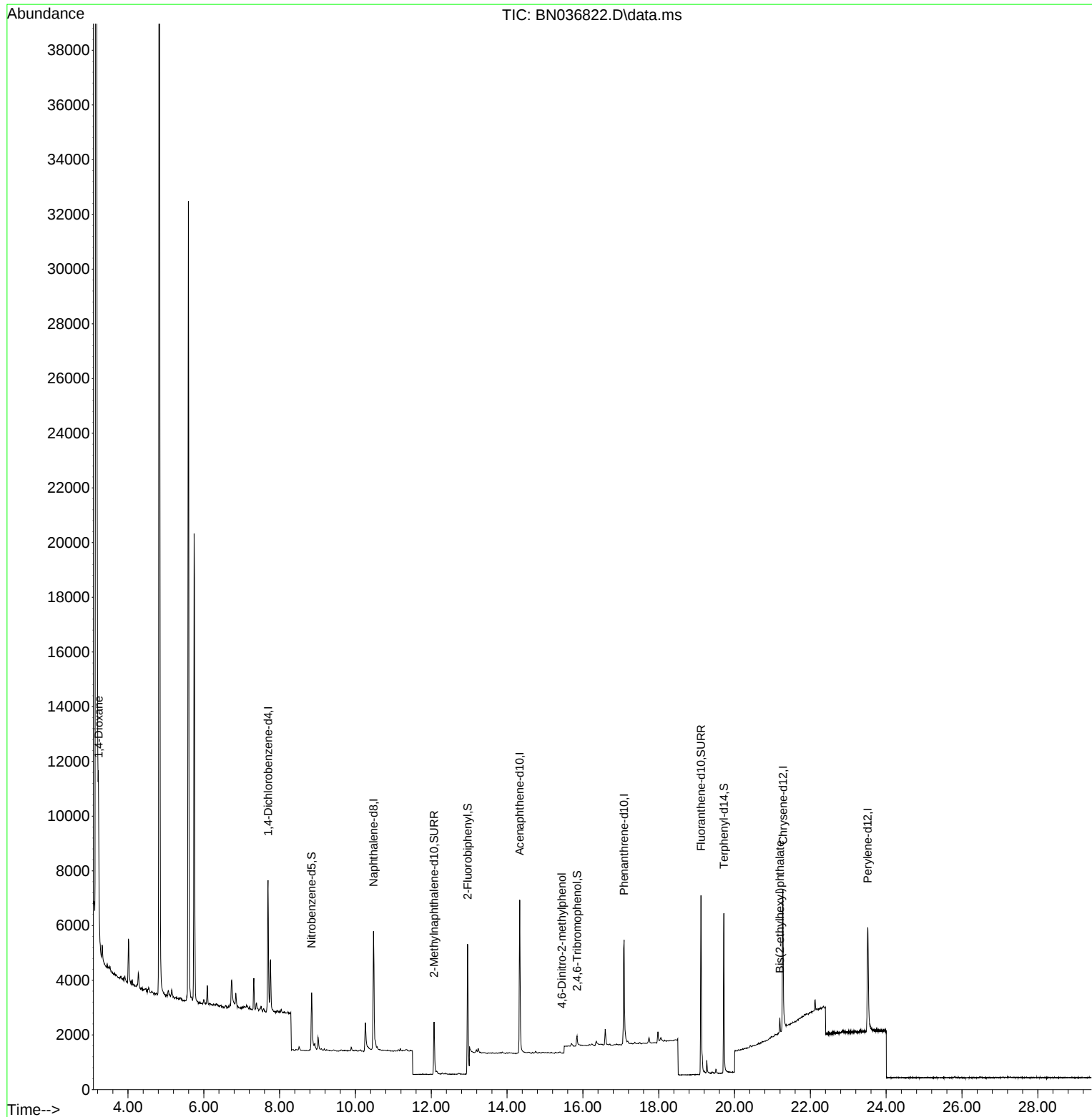
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2465	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	5939	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	3300	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	6930	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	6224	0.400	ng	#-0.02
35) Perylene-d12	23.516	264	5856	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	13	0.002	ng	-0.03
5) Phenol-d6	6.872	99	11	0.002	ng	-0.03
8) Nitrobenzene-d5	8.843	82	2165	0.335	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	3075	0.348	ng	-0.04
14) 2,4,6-Tribromophenol	15.845	330	31	0.021	ng	-0.01
15) 2-Fluorobiphenyl	12.958	172	6746	0.351	ng	-0.03
27) Fluoranthene-d10	19.118	212	8021	0.452	ng	-0.02
31) Terphenyl-d14	19.717	244	5985	0.401	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	2039	0.746	ng	# 80
20) 4,6-Dinitro-2-methylph...	15.446	198	16	0.155	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	566	0.037	ng	# 96

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

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IW-02-55-040125

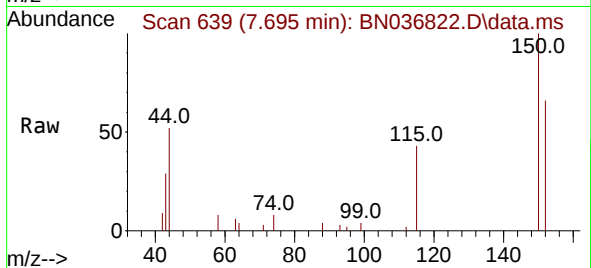
Quant Time: Apr 03 15:15:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
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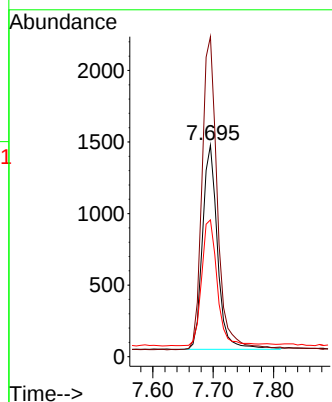
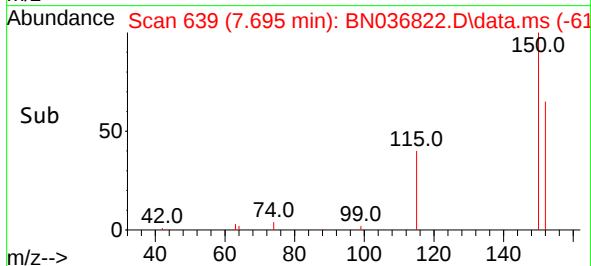


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.695 min Scan# 61
 Delta R.T. -0.029 min
 Lab File: BN036822.D
 Acq: 03 Apr 2025 14:49

Instrument :
 BNA_N
 ClientSampleId :
 IW-02-55-040125

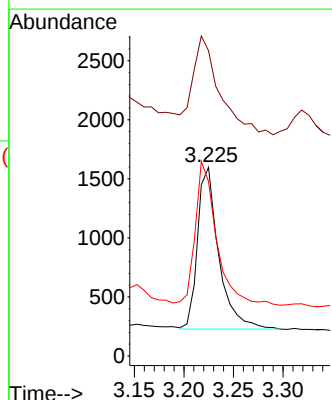
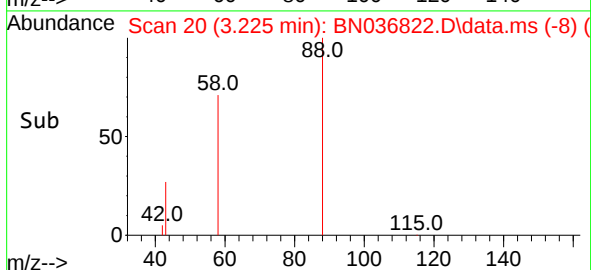
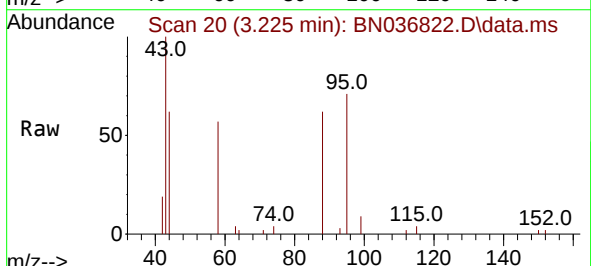


Tgt Ion:152 Resp: 2465
 Ion Ratio Lower Upper
 152 100
 150 151.3 123.7 185.5
 115 64.7 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.746 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036822.D
 Acq: 03 Apr 2025 14:49

Tgt Ion: 88 Resp: 2039
 Ion Ratio Lower Upper
 88 100
 43 77.5 37.8 56.8#
 58 89.8 67.4 101.2

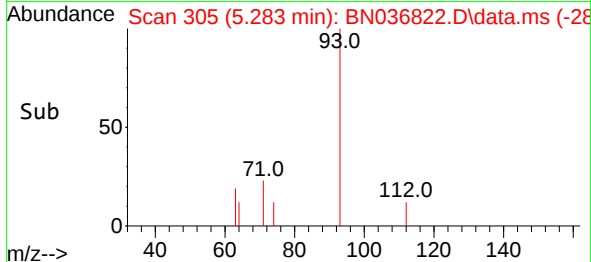
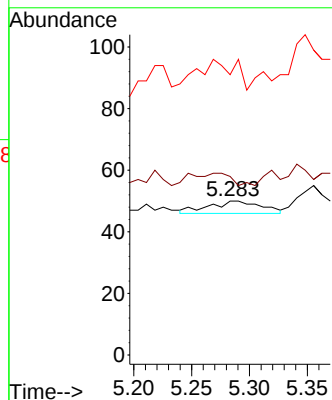
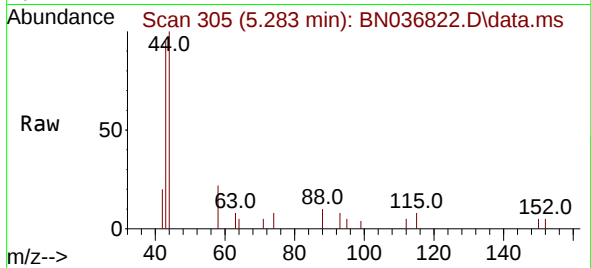




#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.283 min Scan# 309
Delta R.T. -0.029 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

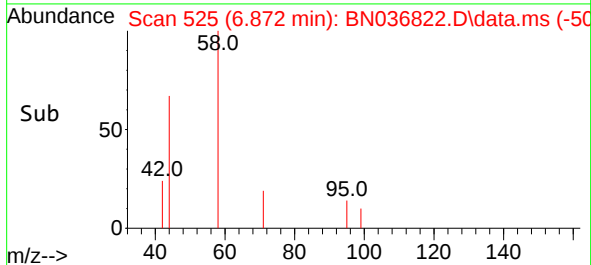
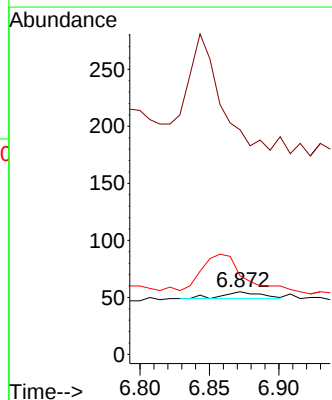
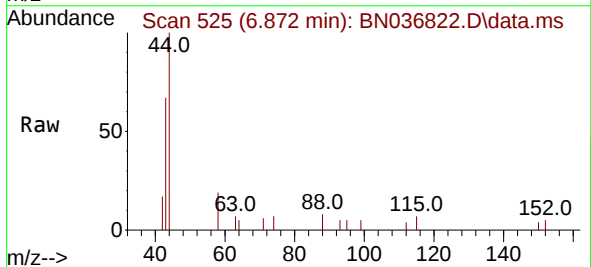
Instrument :
BNA_N
ClientSampleId :
IW-02-55-040125

Tgt Ion:112 Resp: 13
Ion Ratio Lower Upper
112 100
64 0.0 53.1 79.7#
63 246.2 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: BN036822.D
Acq: 03 Apr 2025 14:49

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#

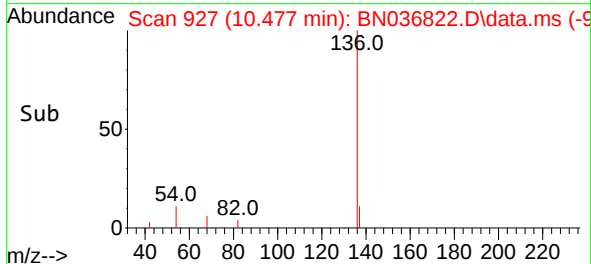
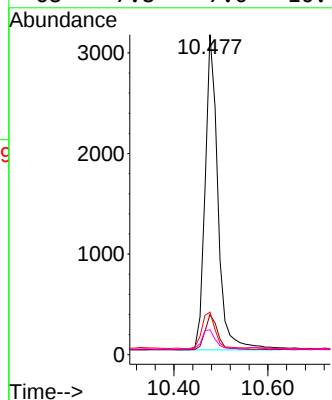
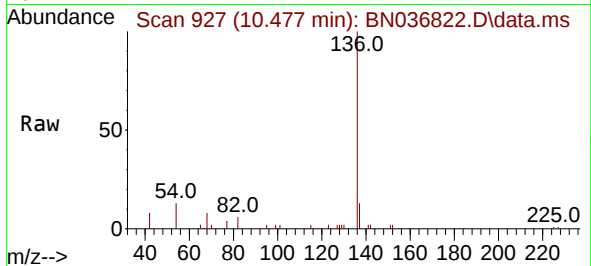




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

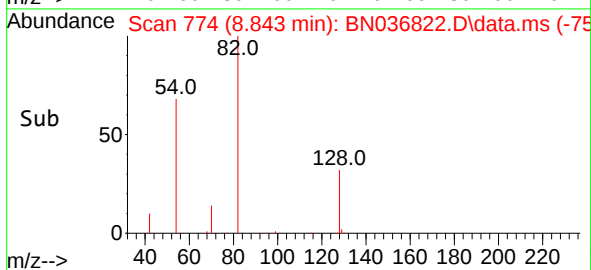
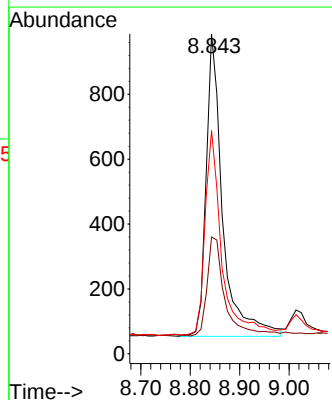
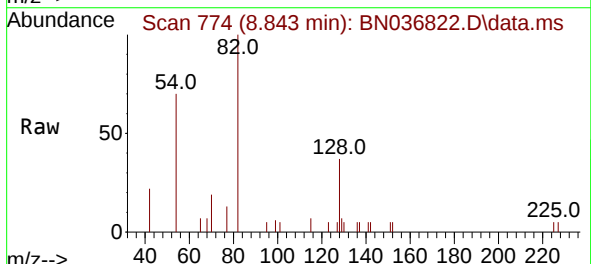
Instrument :
BNA_N
ClientSampleId :
IW-02-55-040125

Tgt Ion:136	Resp:	5939
Ion	Ratio	Lower Upper
136	100	
137	12.5	10.3 15.5
54	13.3	11.5 17.3
68	7.8	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.032 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

Tgt Ion: 82	Resp:	2165
Ion	Ratio	Lower Upper
82	100	
128	36.5	30.6 45.8
54	69.8	52.2 78.4

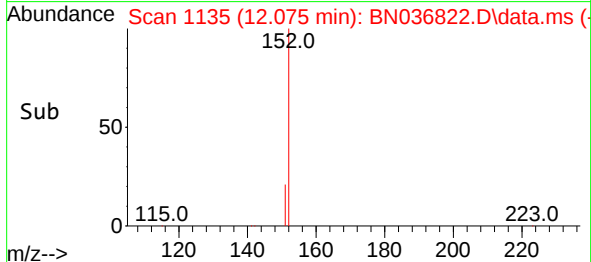
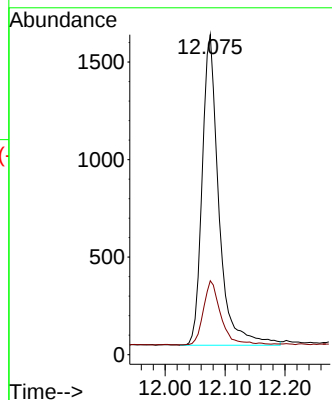
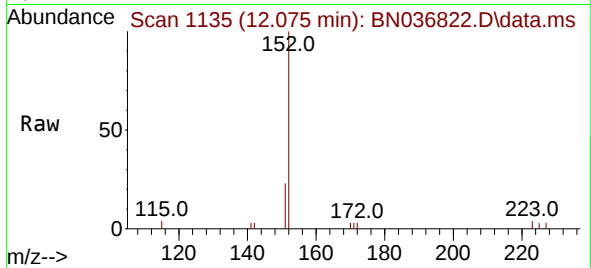




#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.075 min Scan# 1142
Delta R.T. -0.036 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

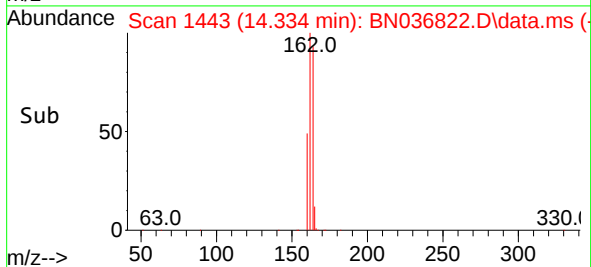
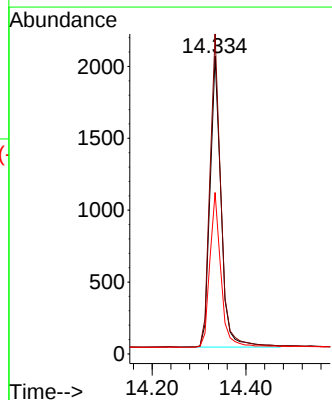
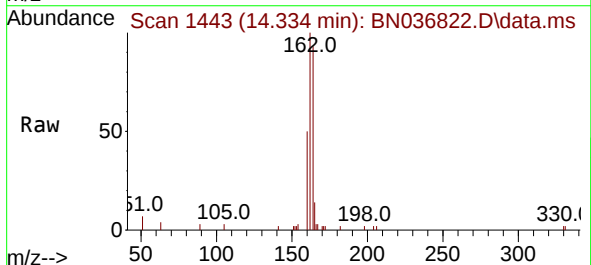
Instrument :
BNA_N
ClientSampleId :
IW-02-55-040125

Tgt Ion:152 Resp: 3075
Ion Ratio Lower Upper
152 100
151 21.5 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: BN036822.D
Acq: 03 Apr 2025 14:49

Tgt Ion:164 Resp: 3300
Ion Ratio Lower Upper
164 100
162 107.5 84.2 126.2
160 54.2 42.2 63.2

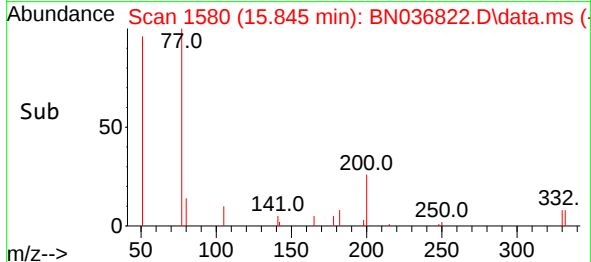
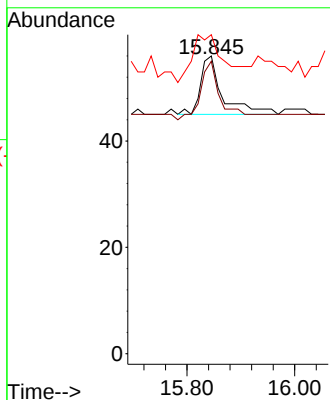
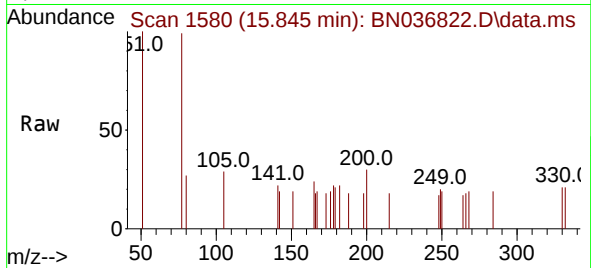




#14
2,4,6-Tribromophenol
Concen: 0.021 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

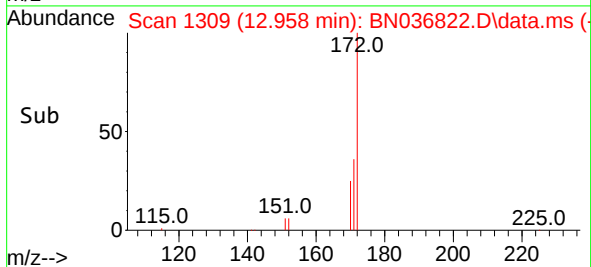
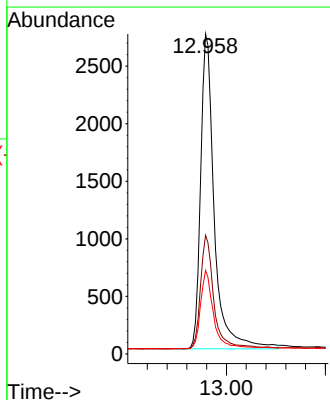
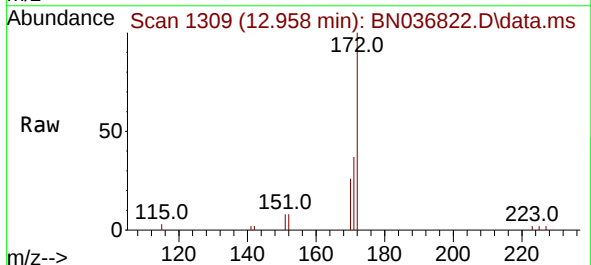
Instrument :
BNA_N
ClientSampleId :
IW-02-55-040125

Tgt Ion:330 Resp: 31
Ion Ratio Lower Upper
330 100
332 90.3 75.2 112.8
141 0.0 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.958 min Scan# 1309
Delta R.T. -0.030 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

Tgt Ion:172 Resp: 6746
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 26.1 20.2 30.4

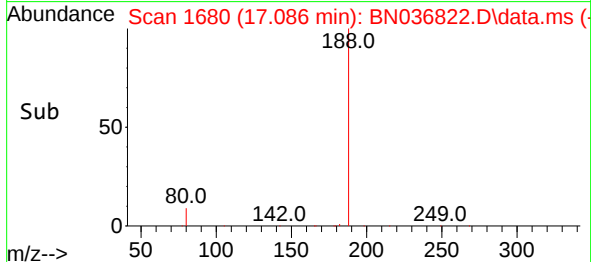
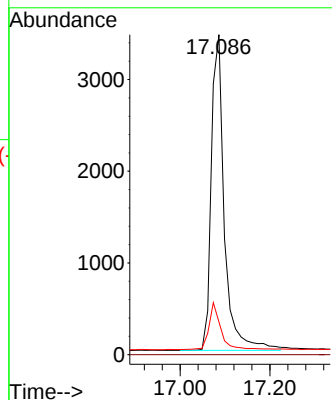
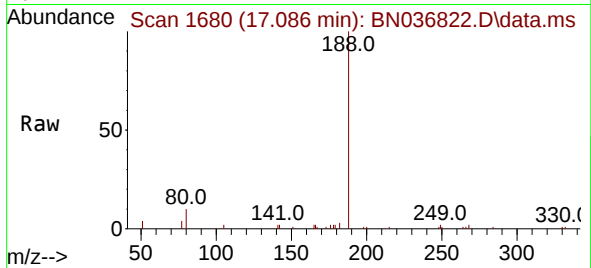




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

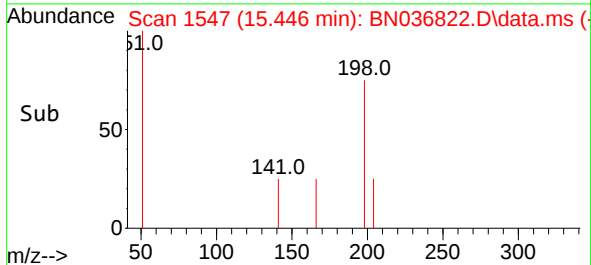
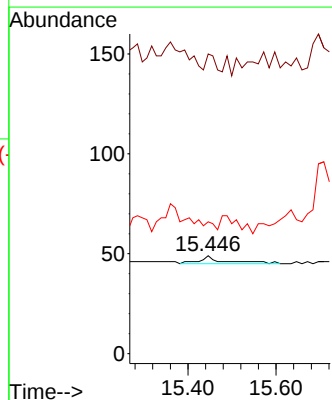
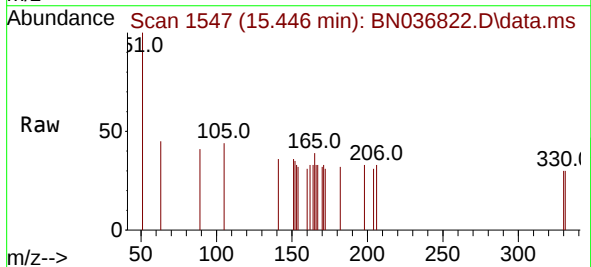
Instrument :
BNA_N
ClientSampleId :
IW-02-55-040125

Tgt Ion:188 Resp: 6930
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.155 ng
RT: 15.446 min Scan# 1547
Delta R.T. -0.053 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 306.1 107.9 161.9#
105 134.7 56.2 84.2#

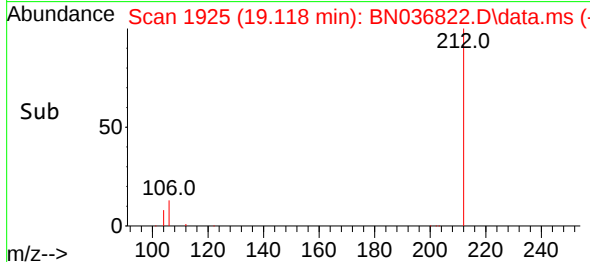
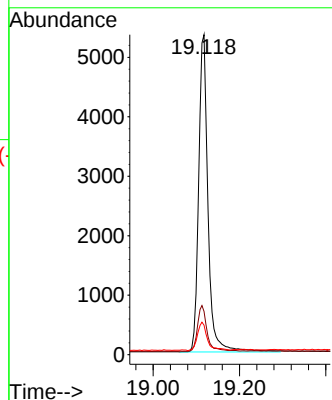
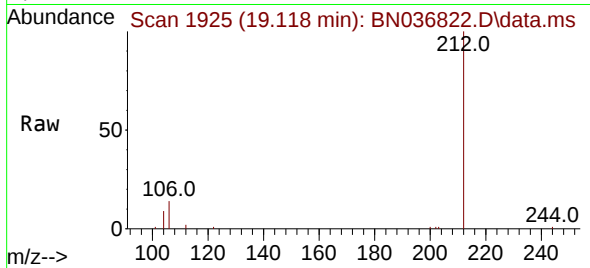




#27
Fluoranthene-d10
Concen: 0.452 ng
RT: 19.118 min Scan# 1930
Delta R.T. -0.023 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

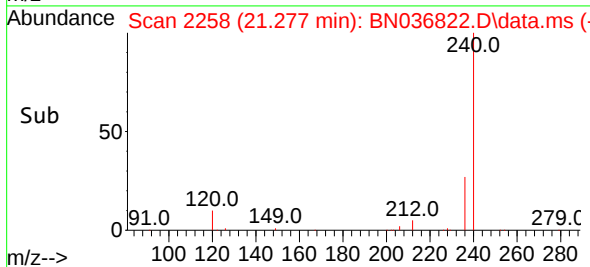
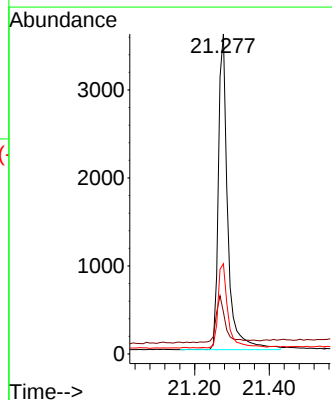
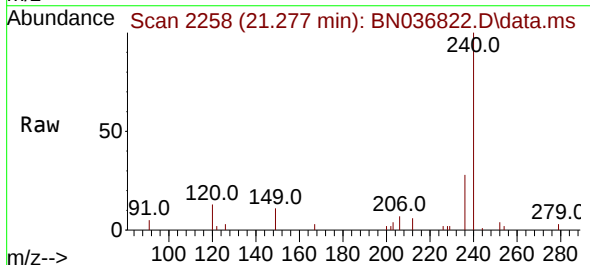
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:212 Resp: 8021
Ion Ratio Lower Upper
212 100
106 14.6 11.8 17.6
104 9.6 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036822.D
Acq: 03 Apr 2025 14:49

Tgt Ion:240 Resp: 6224
Ion Ratio Lower Upper
240 100
120 13.1 14.6 22.0#
236 28.2 24.1 36.1

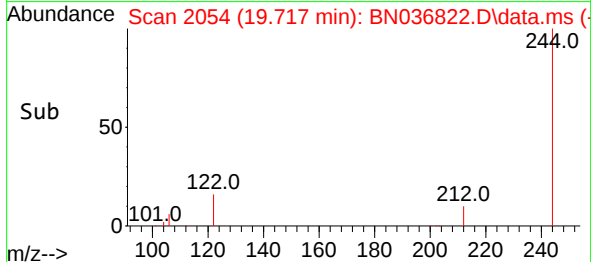
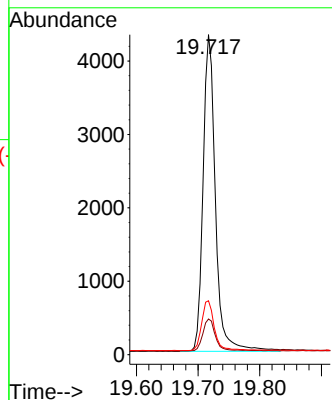
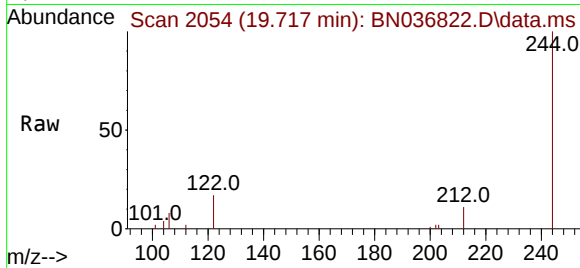




#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.717 min Scan# 2060
 Delta R.T. -0.028 min
 Lab File: BN036822.D
 Acq: 03 Apr 2025 14:49

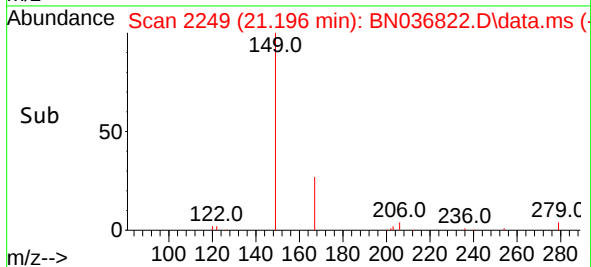
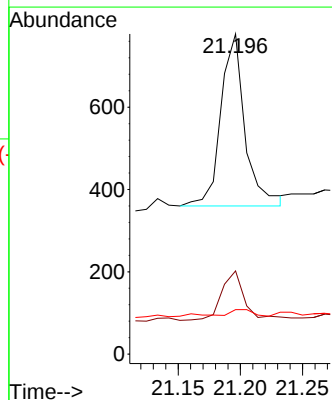
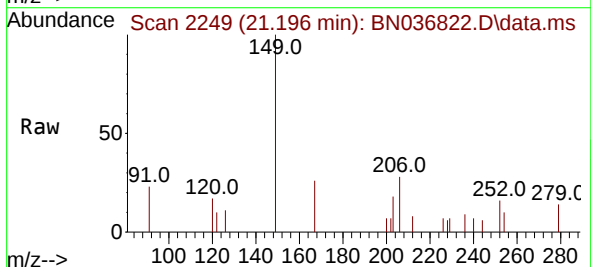
Instrument :
 BNA_N
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Tgt Ion:244 Resp: 5985
 Ion Ratio Lower Upper
 244 100
 212 11.1 9.6 14.4
 122 16.8 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.037 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036822.D
 Acq: 03 Apr 2025 14:49

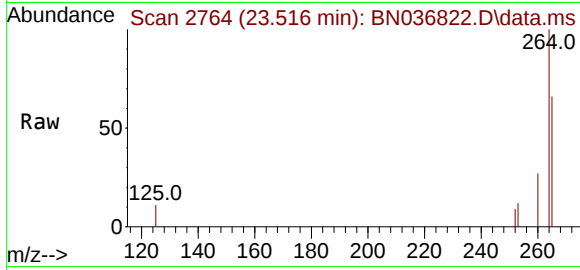
Tgt Ion:149 Resp: 566
 Ion Ratio Lower Upper
 149 100
 167 27.7 20.7 31.1
 279 3.5 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.516 min Scan# 21
 Delta R.T. -0.038 min
 Lab File: BN036822.D
 Acq: 03 Apr 2025 14:49

Instrument :
 BNA_N
 ClientSampleId :
 IW-02-55-040125



Tgt Ion:	264	Resp:	5856
Ion Ratio	Lower	Upper	
264	100		
260	27.0	22.6	33.8
265	65.9	88.1	132.1#

