

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036763.D
 Acq On : 28 Mar 2025 07:22
 Operator : RC/JU
 Sample : Q1608-25
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D1-20250319

Quant Time: Mar 28 07:50:09 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)

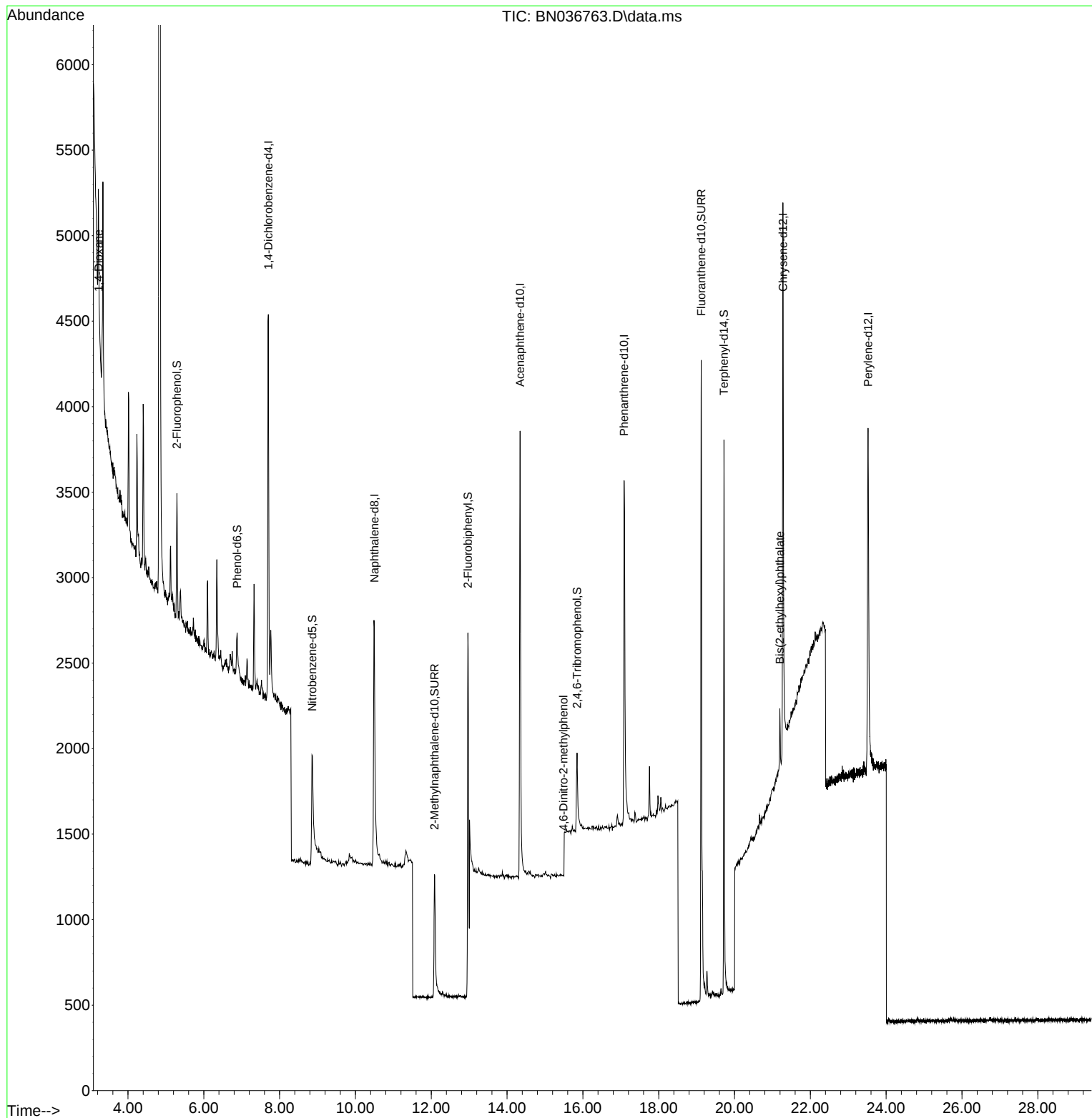
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1286	0.400	ng	-0.02
7) Naphthalene-d8	10.498	136	2922	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	1856	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	4045	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	3693	0.400	ng	-0.02
35) Perylene-d12	23.525	264	3430	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	501	0.167	ng	-0.02
5) Phenol-d6	6.879	99	325	0.088	ng	-0.02
8) Nitrobenzene-d5	8.865	82	1043	0.328	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	1603	0.369	ng	-0.03
14) 2,4,6-Tribromophenol	15.845	330	385	0.457	ng	-0.01
15) 2-Fluorobiphenyl	12.968	172	3677	0.341	ng	-0.02
27) Fluoranthene-d10	19.122	212	4853	0.468	ng	-0.02
31) Terphenyl-d14	19.722	244	3401	0.384	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	454	0.318	ng	# 36
20) 4,6-Dinitro-2-methylph...	15.489	198	2	0.148	ng	# 15
34) Bis(2-ethylhexyl)phtha...	21.196	149	316	0.035	ng	# 91

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

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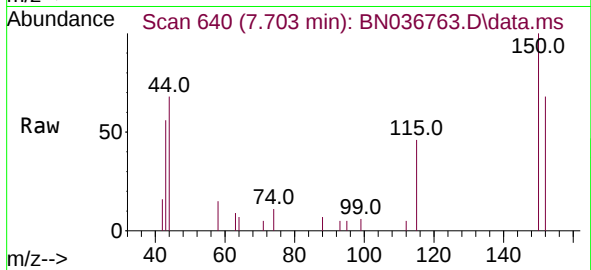
Quant Time: Mar 28 07:50:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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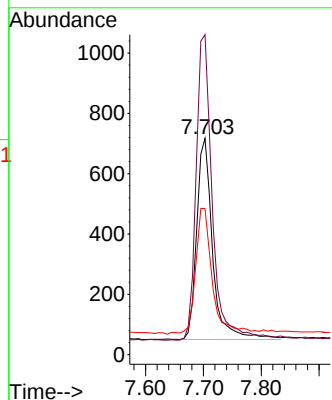
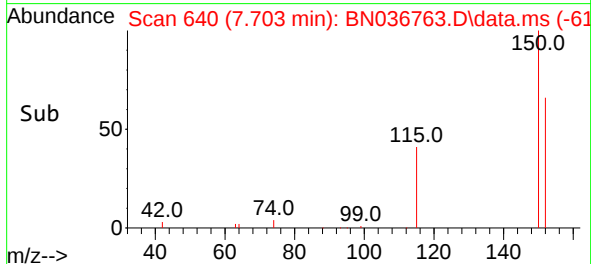


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036763.D
 Acq: 28 Mar 2025 07:22

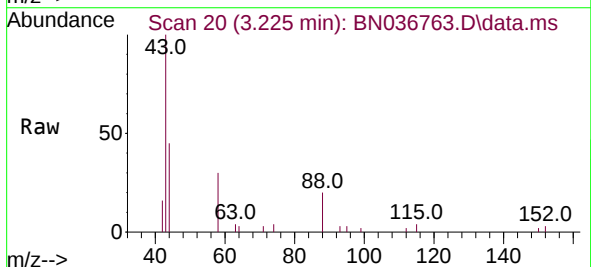
Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D1-20250319



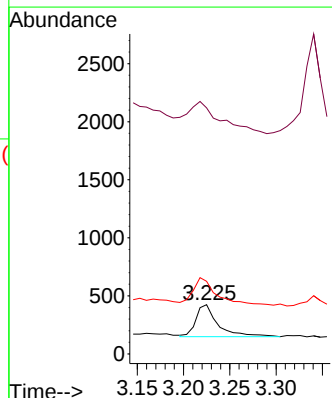
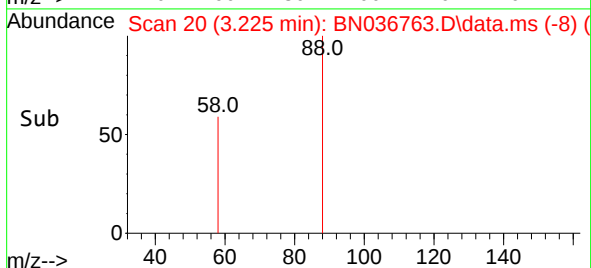
Tgt Ion:152 Resp: 1286
 Ion Ratio Lower Upper
 152 100
 150 148.0 123.7 185.5
 115 67.6 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.318 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036763.D
 Acq: 28 Mar 2025 07:22



Tgt Ion: 88 Resp: 454
 Ion Ratio Lower Upper
 88 100
 43 157.0 37.8 56.8#
 58 91.9 67.4 101.2

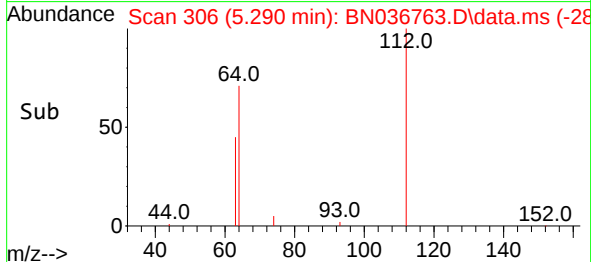
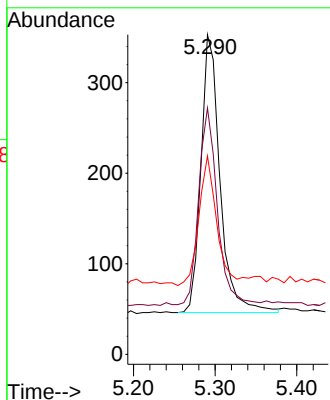
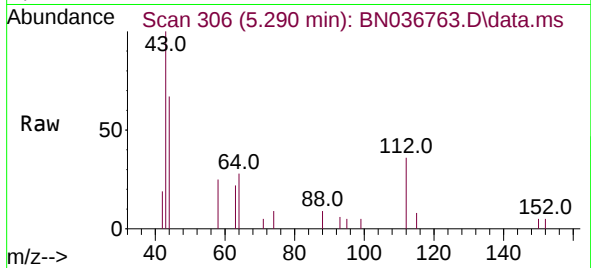




#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036763.D
Acq: 28 Mar 2025 07:22

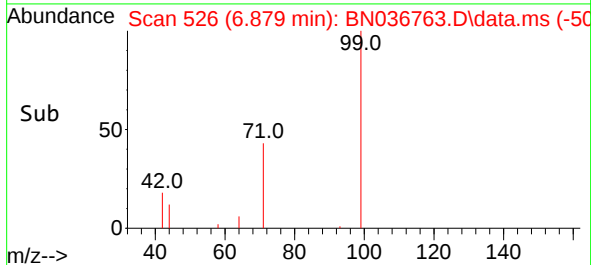
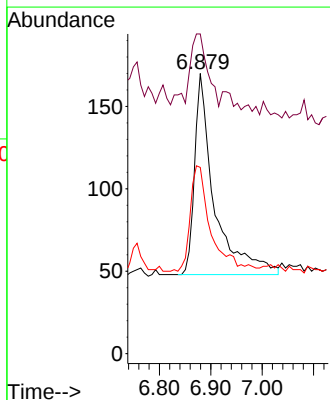
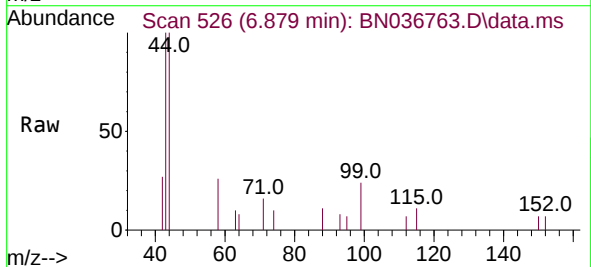
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20250319

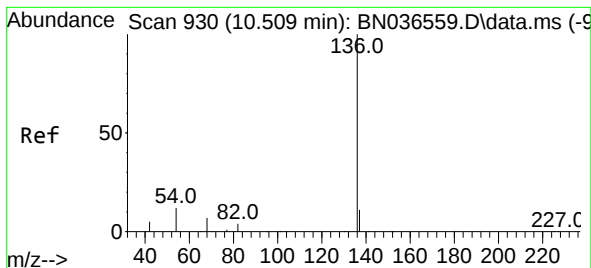
Tgt Ion:	112	Resp:	501
Ion	Ratio	Lower	Upper
112	100		
64	68.7	53.1	79.7
63	44.3	31.8	47.8



#5
Phenol-d6
Concen: 0.088 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036763.D
Acq: 28 Mar 2025 07:22

Tgt Ion:	99	Resp:	325
Ion	Ratio	Lower	Upper
99	100		
42	35.4	26.5	39.7
71	54.2	34.1	51.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.498 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN036763.D

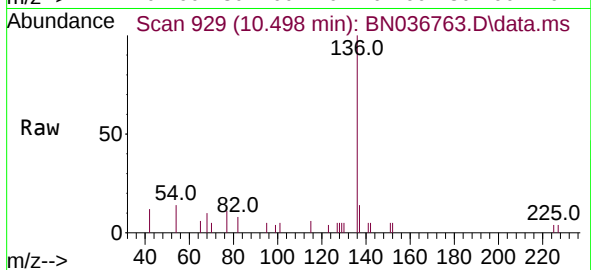
Acq: 28 Mar 2025 07:22

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D1-20250319



Tgt Ion:136 Resp: 2922

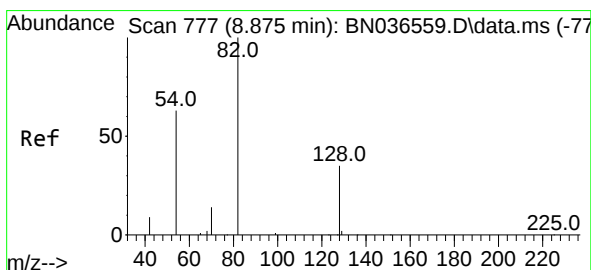
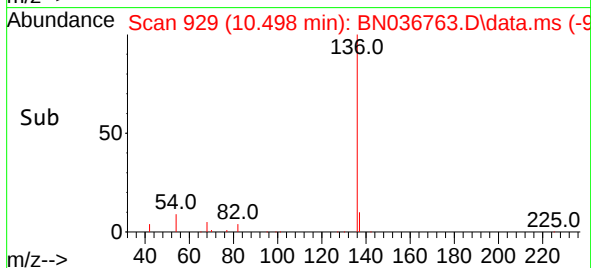
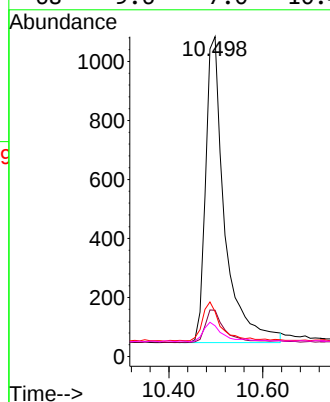
Ion Ratio Lower Upper

136 100

137 14.5 10.3 15.5

54 14.0 11.5 17.3

68 9.6 7.0 10.4



#8

Nitrobenzene-d5

Concen: 0.328 ng

RT: 8.865 min Scan# 776

Delta R.T. -0.011 min

Lab File: BN036763.D

Acq: 28 Mar 2025 07:22

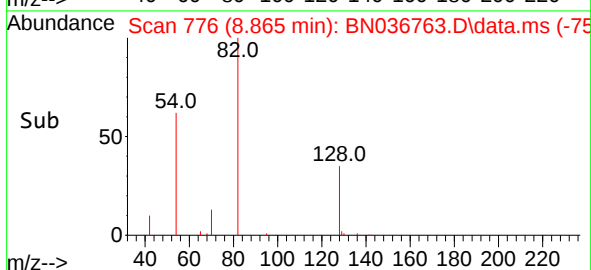
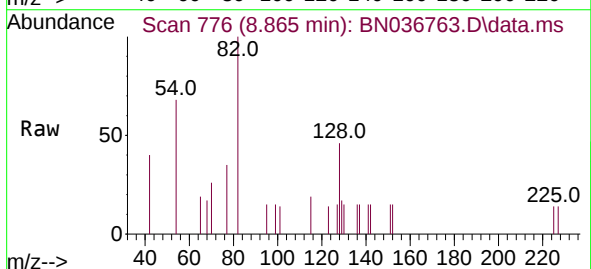
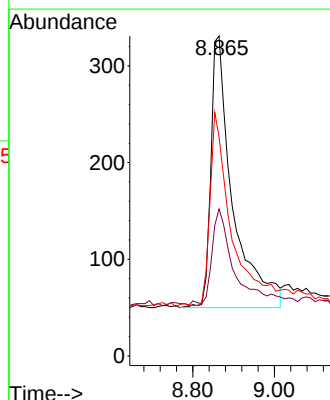
Tgt Ion: 82 Resp: 1043

Ion Ratio Lower Upper

82 100

128 45.9 30.6 45.8#

54 68.3 52.2 78.4

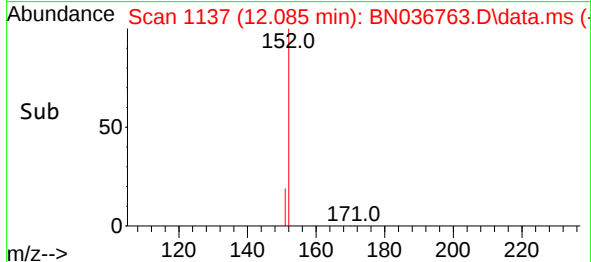
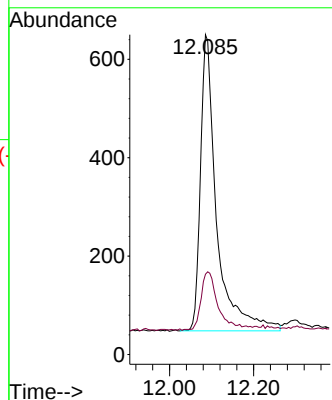
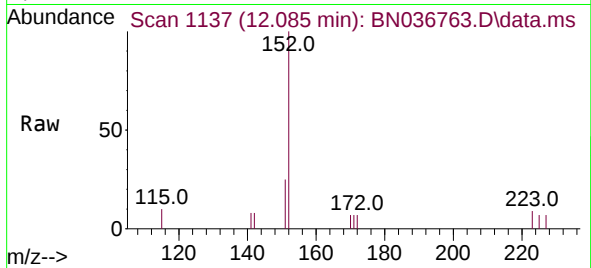




#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.085 min Scan# 1142
Delta R.T. -0.025 min
Lab File: BN036763.D
Acq: 28 Mar 2025 07:22

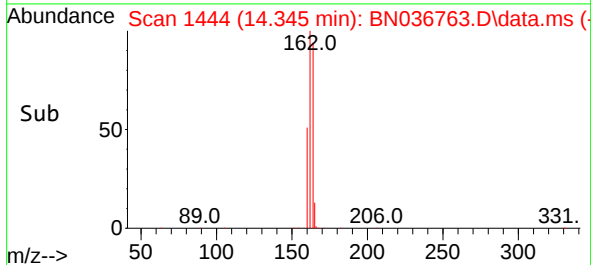
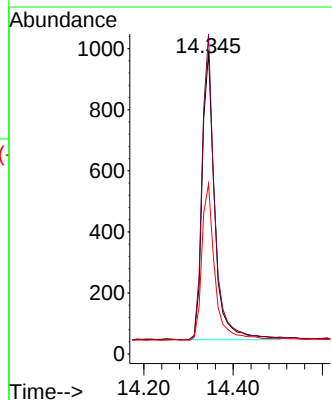
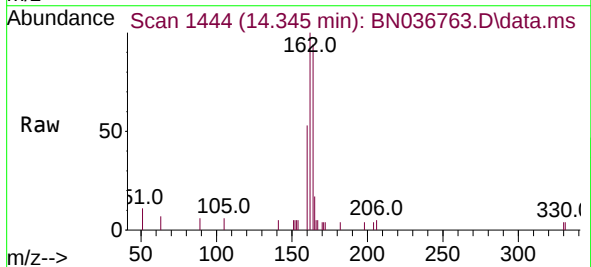
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20250319

Tgt Ion:152 Resp: 1603
Ion Ratio Lower Upper
152 100
151 20.8 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036763.D
Acq: 28 Mar 2025 07:22

Tgt Ion:164 Resp: 1856
Ion Ratio Lower Upper
164 100
162 106.2 84.2 126.2
160 56.4 42.2 63.2

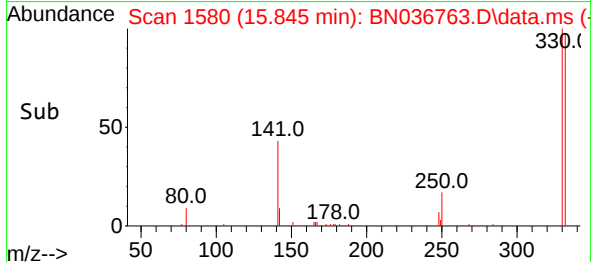
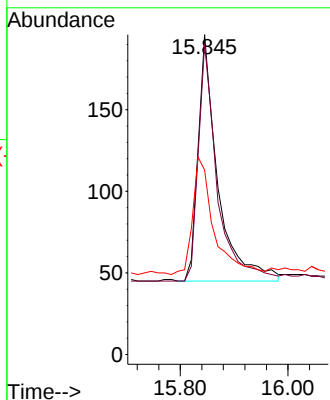
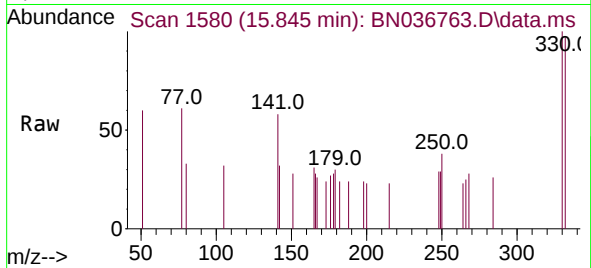




#14
2,4,6-Tribromophenol
Concen: 0.457 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BN036763.D
Acq: 28 Mar 2025 07:22

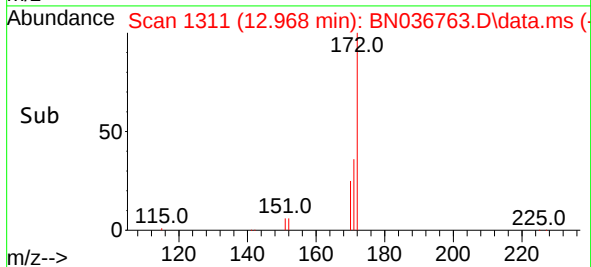
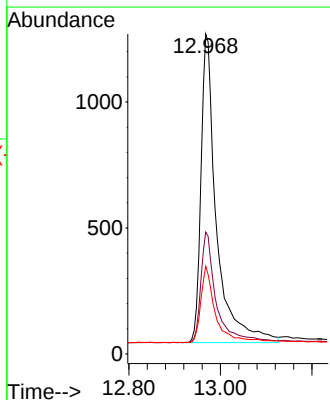
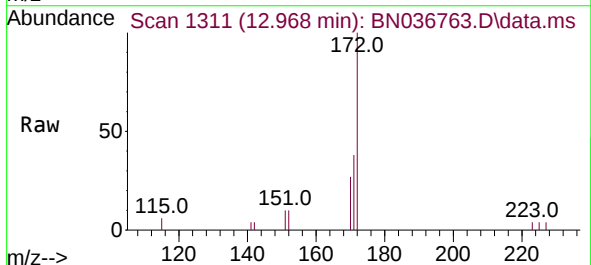
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20250319

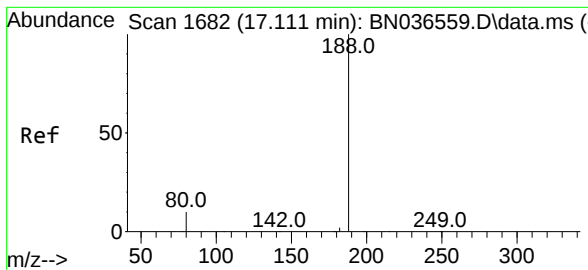
Tgt Ion:330 Resp: 385
Ion Ratio Lower Upper
330 100
332 92.5 75.2 112.8
141 51.2 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.020 min
Lab File: BN036763.D
Acq: 28 Mar 2025 07:22

Tgt Ion:172 Resp: 3677
Ion Ratio Lower Upper
172 100
171 38.1 29.5 44.3
170 27.4 20.2 30.4

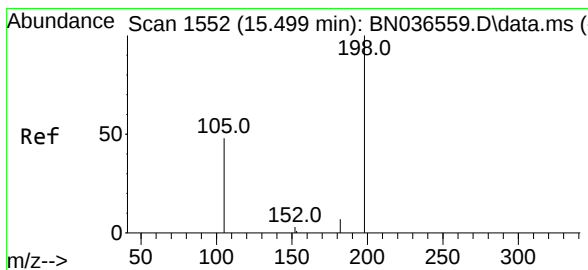
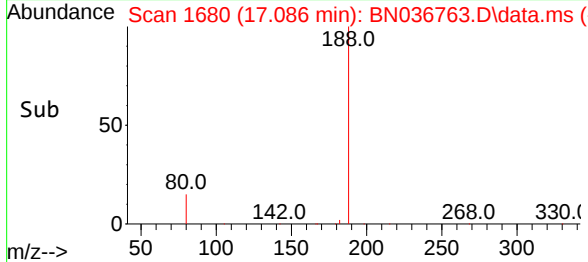
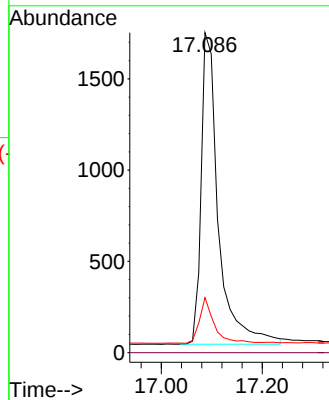
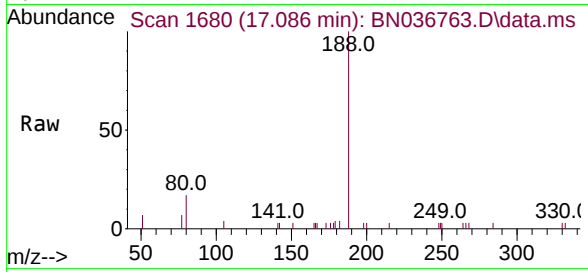




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036763.D
Acq: 28 Mar 2025 07:22

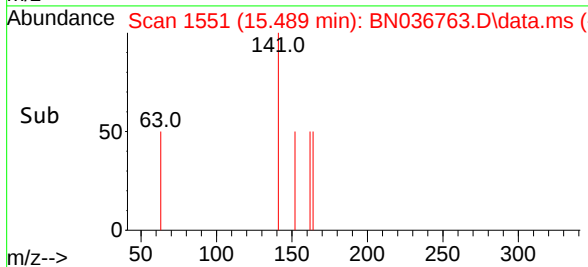
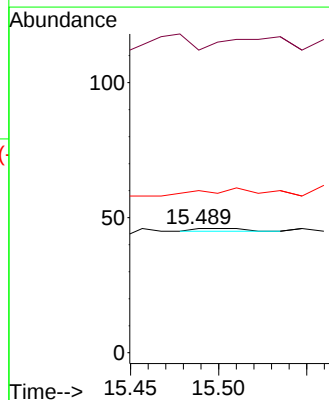
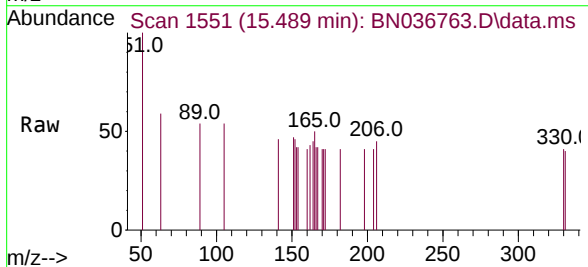
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20250319

Tgt Ion:188 Resp: 4045
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: 0.148 ng
RT: 15.489 min Scan# 1551
Delta R.T. -0.010 min
Lab File: BN036763.D
Acq: 28 Mar 2025 07:22

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 243.5 107.9 161.9#
105 130.4 56.2 84.2#

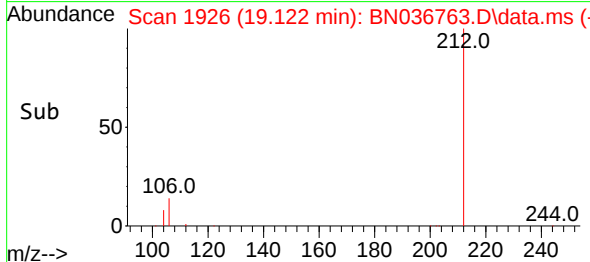
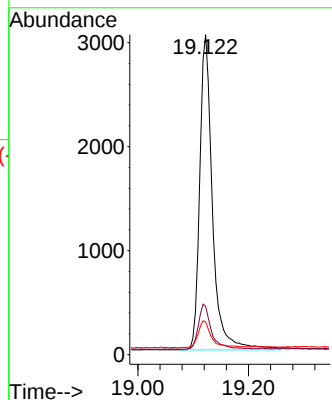
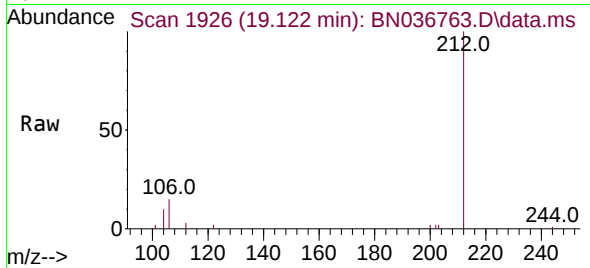




#27
Fluoranthene-d10
Concen: 0.468 ng
RT: 19.122 min Scan# 1930
Delta R.T. -0.018 min
Lab File: BN036763.D
Acq: 28 Mar 2025 07:22

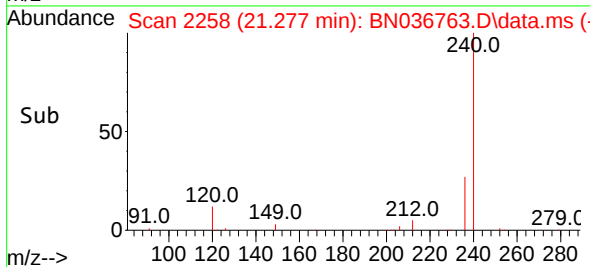
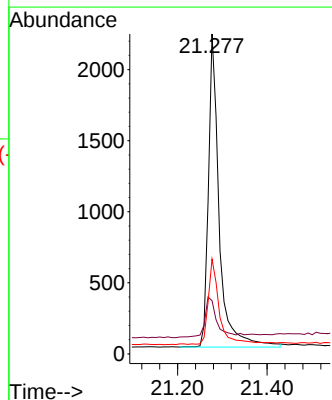
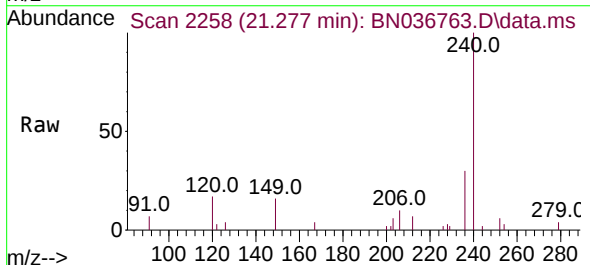
Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20250319

Tgt Ion:212 Resp: 4853
Ion Ratio Lower Upper
212 100
106 14.6 11.8 17.6
104 9.0 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: BN036763.D
Acq: 28 Mar 2025 07:22

Tgt Ion:240 Resp: 3693
Ion Ratio Lower Upper
240 100
120 16.6 14.6 22.0
236 29.6 24.1 36.1

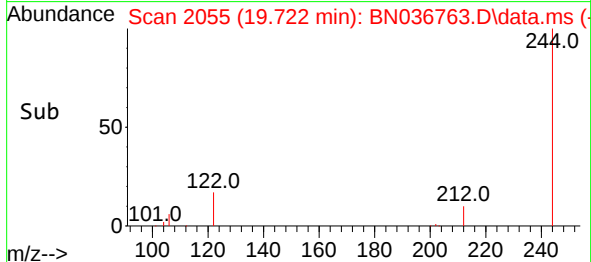
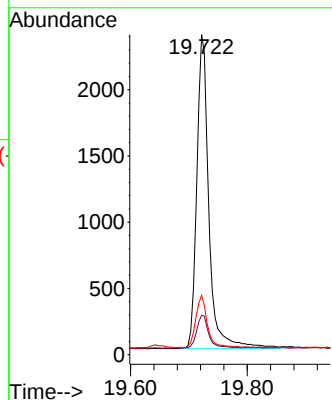
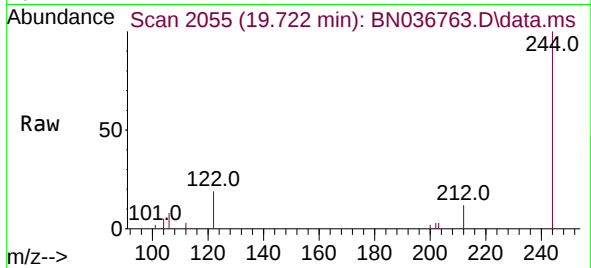




#31
 Terphenyl-d14
 Concen: 0.384 ng
 RT: 19.722 min Scan# 2060
 Delta R.T. -0.023 min
 Lab File: BN036763.D
 Acq: 28 Mar 2025 07:22

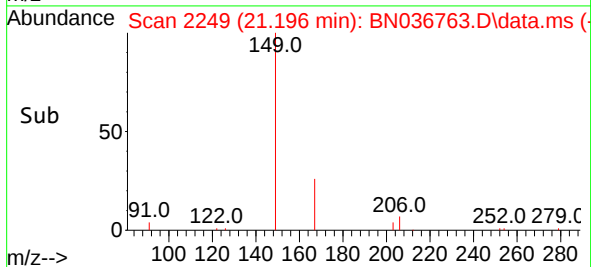
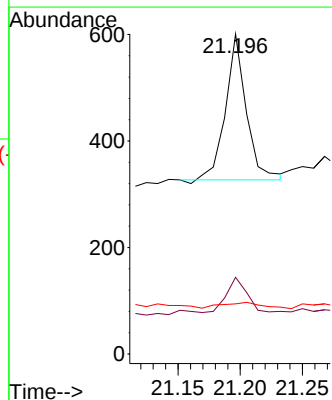
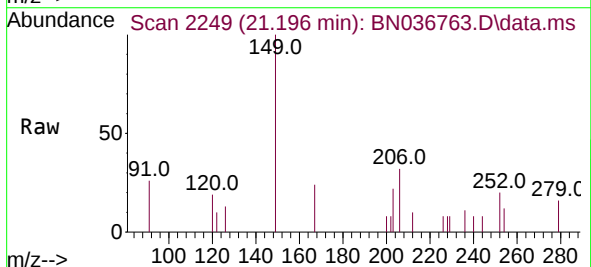
Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D1-20250319

Tgt Ion:244 Resp: 3401
 Ion Ratio Lower Upper
 244 100
 212 12.3 9.6 14.4
 122 18.6 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.035 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036763.D
 Acq: 28 Mar 2025 07:22

Tgt Ion:149 Resp: 316
 Ion Ratio Lower Upper
 149 100
 167 30.4 20.7 31.1
 279 8.5 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.525 min Scan# 21
Delta R.T. -0.029 min
Lab File: BN036763.D
Acq: 28 Mar 2025 07:22

Instrument :
BNA_N
ClientSampleId :
RW8-MW01D1-20250319

Tgt Ion:	264	Resp:	3430
Ion	Ratio	Lower	Upper
264	100		
260	27.7	22.6	33.8
265	93.7	88.1	132.1

