

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036741.D
 Acq On : 27 Mar 2025 17:26
 Operator : RC/JU
 Sample : Q1621-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250320

Quant Time: Mar 27 18:12:53 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)

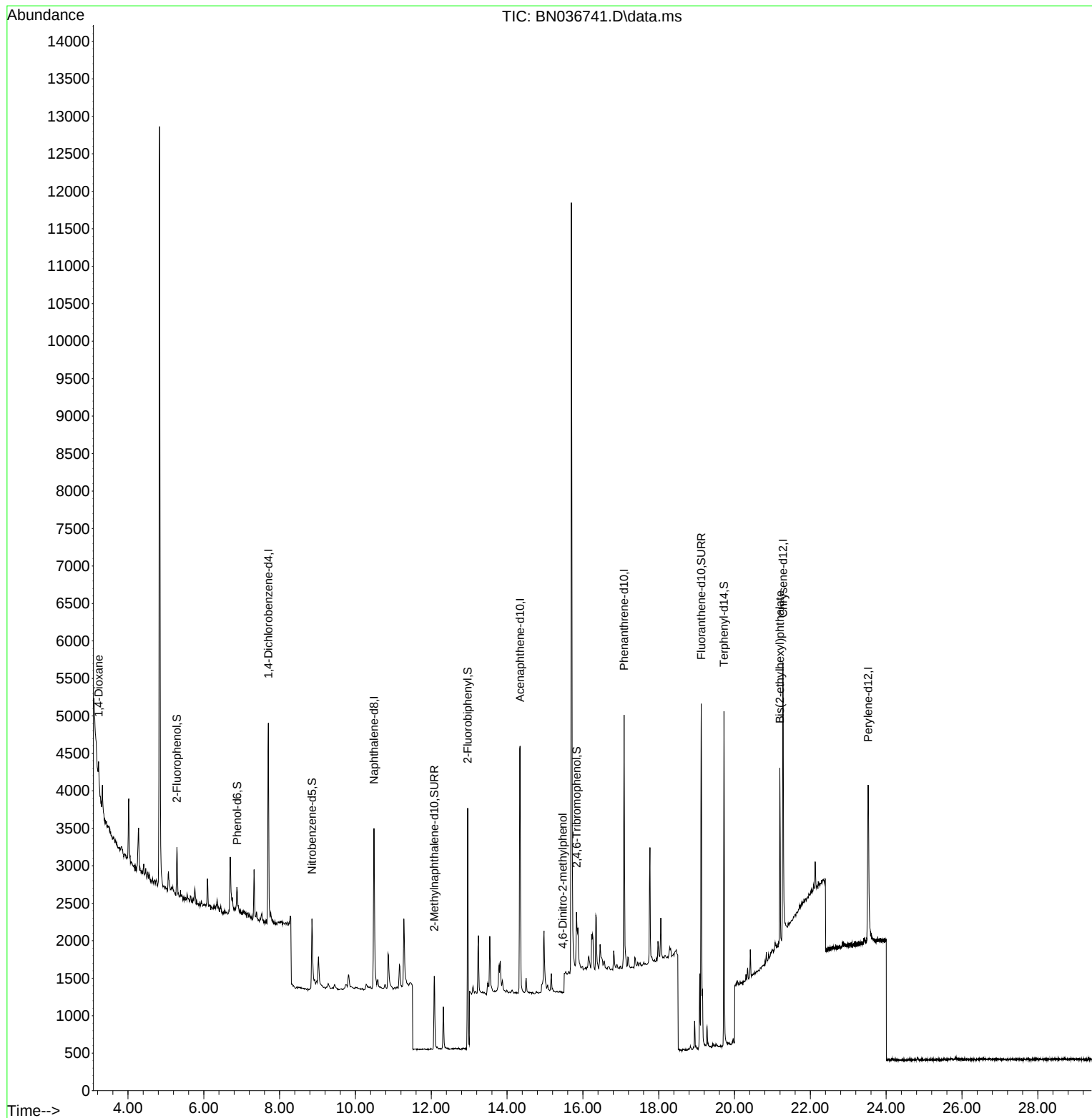
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1324	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3208	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2058	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	4583	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3932	0.400	ng	-0.02
35) Perylene-d12	23.528	264	3540	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	461	0.149	ng	-0.02
5) Phenol-d6	6.879	99	302	0.079	ng	-0.02
8) Nitrobenzene-d5	8.854	82	998	0.286	ng	-0.02
11) 2-Methylnaphthalene-d10	12.080	152	1497	0.314	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	448	0.480	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	4021	0.336	ng	-0.03
27) Fluoranthene-d10	19.122	212	5441	0.463	ng	-0.02
31) Terphenyl-d14	19.722	244	4322	0.459	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	231	0.157	ng	# 79
20) 4,6-Dinitro-2-methylph...	15.467	198	4	0.149	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	2170	0.223	ng	# 97

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

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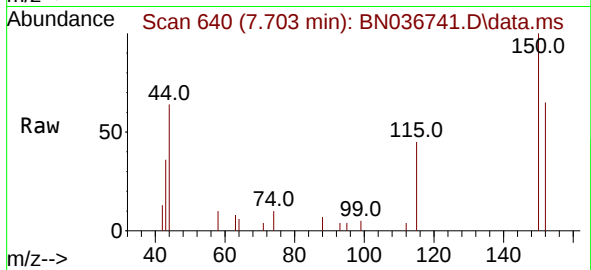
Quant Time: Mar 27 18:12:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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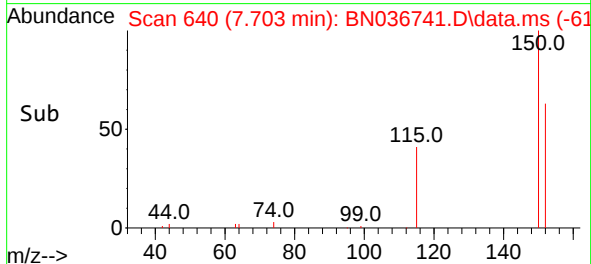
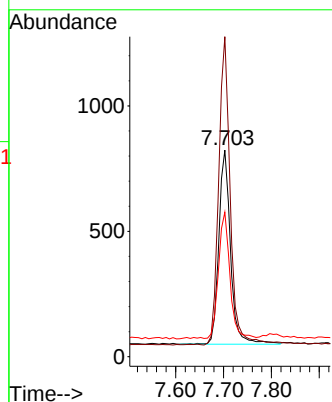
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036741.D
 Acq: 27 Mar 2025 17:26

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250320



Tgt Ion:152 Resp: 1324

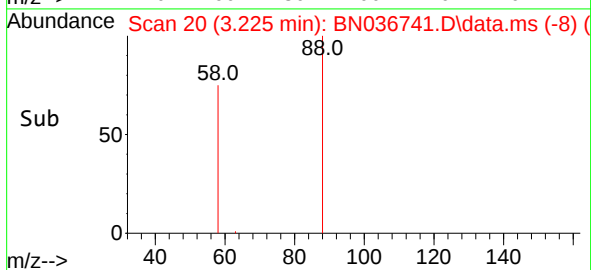
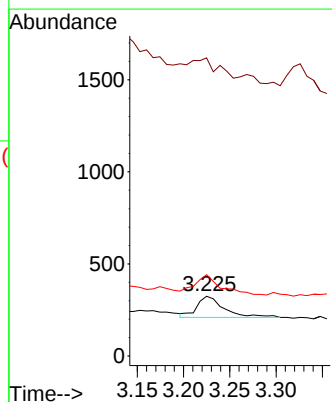
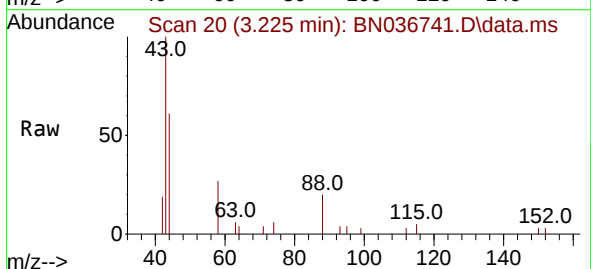
Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.7	185.5
115	69.9	54.3	81.5



#2
 1,4-Dioxane
 Concen: 0.157 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036741.D
 Acq: 27 Mar 2025 17:26

Tgt Ion: 88 Resp: 231

Ion	Ratio	Lower	Upper
88	100		
43	73.6	37.8	56.8
58	93.5	67.4	101.2

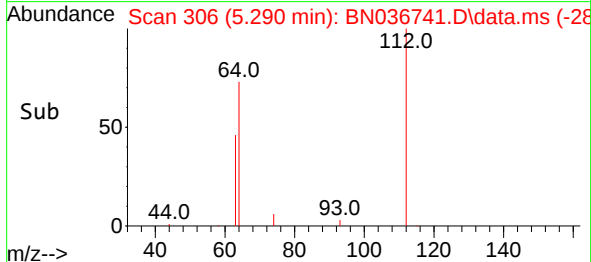
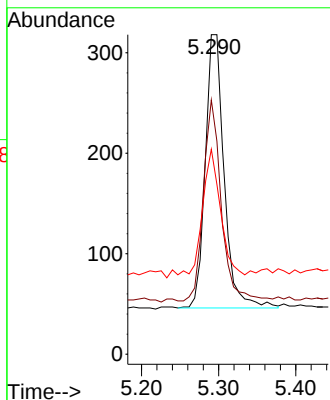
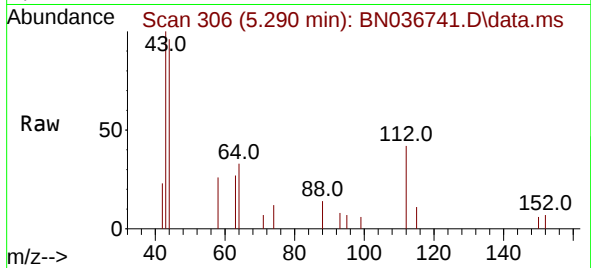




#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036741.D
Acq: 27 Mar 2025 17:26

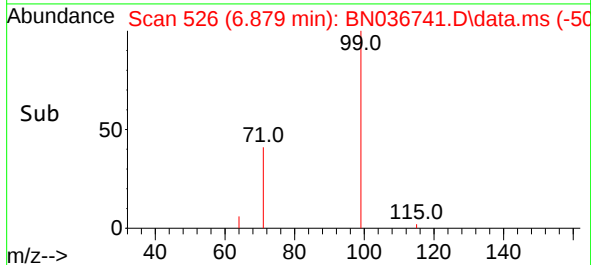
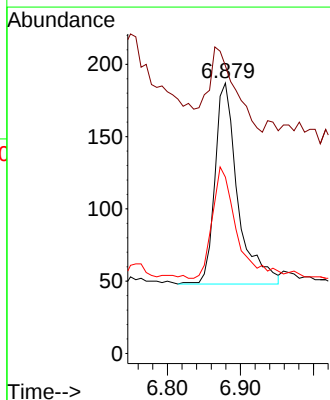
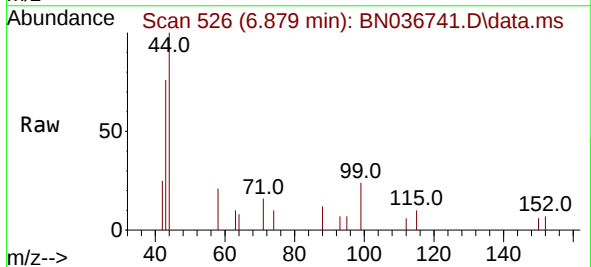
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250320

Tgt Ion:	112	Resp:	461
Ion Ratio	Lower	Upper	
112	100		
64	69.6	53.1	79.7
63	46.9	31.8	47.8



#5
Phenol-d6
Concen: 0.079 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036741.D
Acq: 27 Mar 2025 17:26

Tgt Ion:	99	Resp:	302
Ion Ratio	Lower	Upper	
99	100		
42	50.0	26.5	39.7#
71	58.6	34.1	51.1#

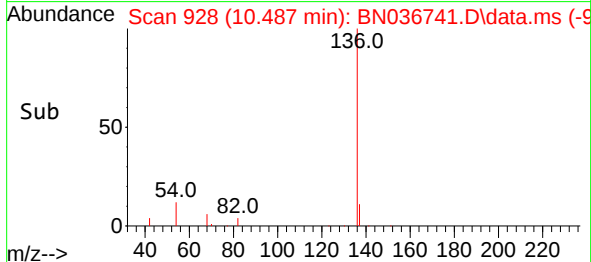
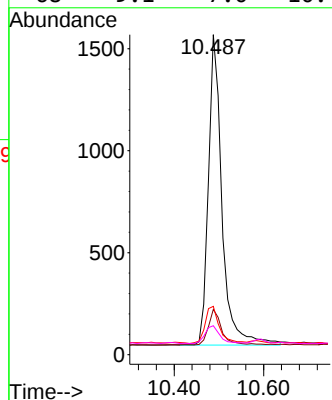
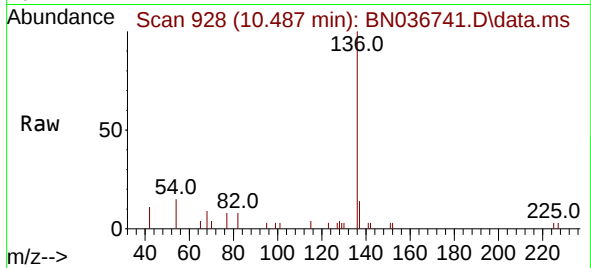




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036741.D
Acq: 27 Mar 2025 17:26

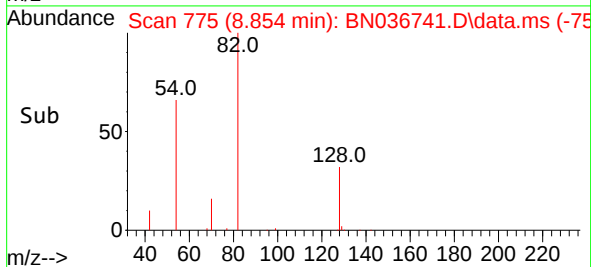
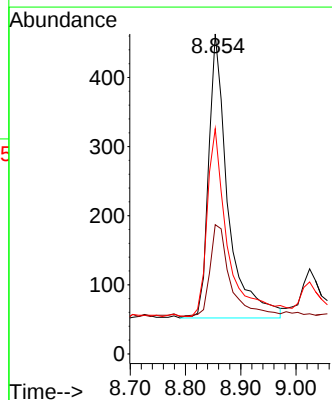
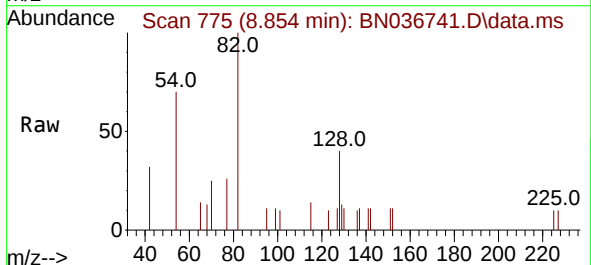
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250320

Tgt Ion:	136	Resp:	3208
Ion	Ratio	Lower	Upper
136	100		
137	14.1	10.3	15.5
54	15.1	11.5	17.3
68	9.1	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036741.D
Acq: 27 Mar 2025 17:26

Tgt Ion:	82	Resp:	998
Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.6	45.8
54	70.4	52.2	78.4

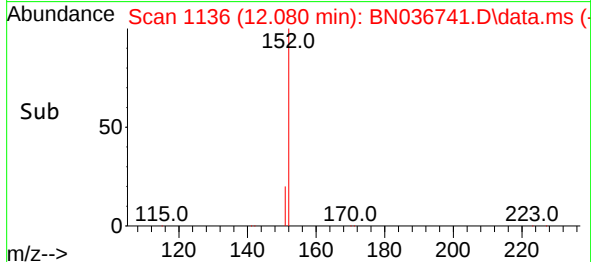
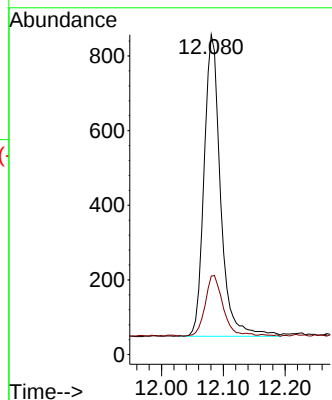
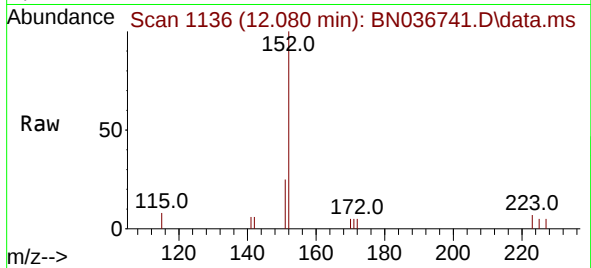




#11
2-Methylnaphthalene-d10
Concen: 0.314 ng
RT: 12.080 min Scan# 1142
Delta R.T. -0.030 min
Lab File: BN036741.D
Acq: 27 Mar 2025 17:26

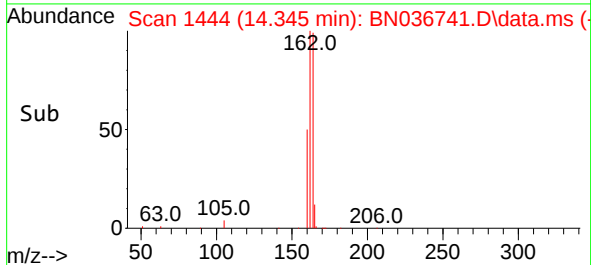
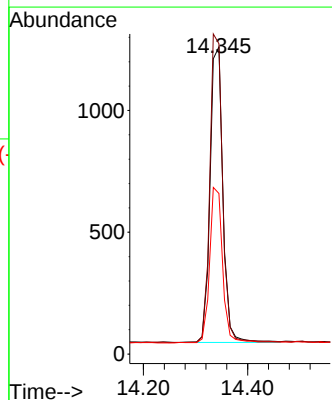
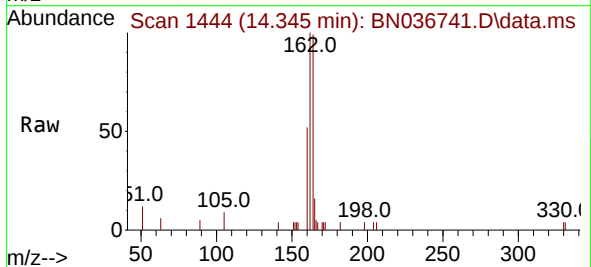
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250320

Tgt Ion:152 Resp: 1497
Ion Ratio Lower Upper
152 100
151 22.1 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: BN036741.D
Acq: 27 Mar 2025 17:26

Tgt Ion:164 Resp: 2058
Ion Ratio Lower Upper
164 100
162 101.0 84.2 126.2
160 52.3 42.2 63.2

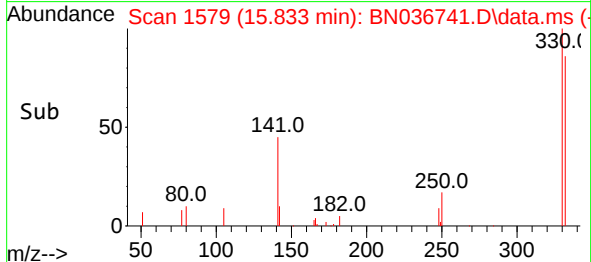
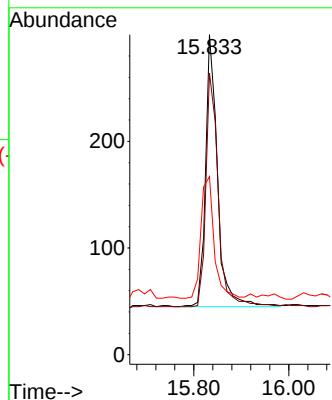
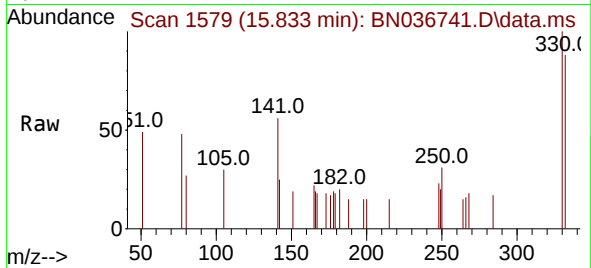




#14
2,4,6-Tribromophenol
Concen: 0.480 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036741.D
Acq: 27 Mar 2025 17:26

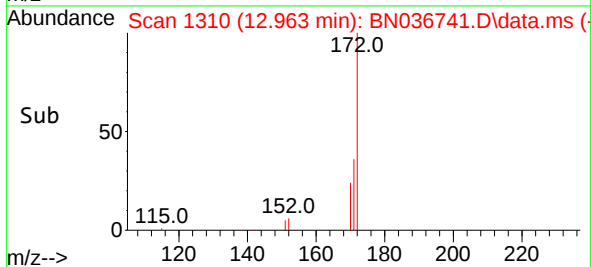
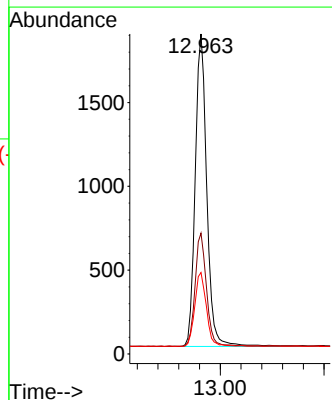
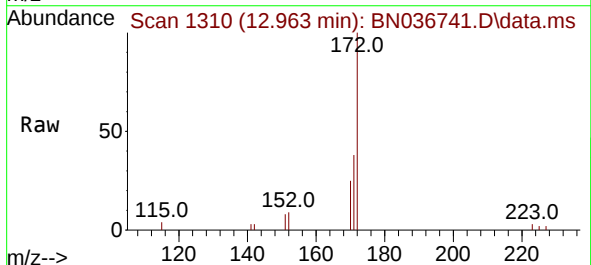
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250320

Tgt Ion:330 Resp: 448
Ion Ratio Lower Upper
330 100
332 88.2 75.2 112.8
141 49.1 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.963 min Scan# 1310
Delta R.T. -0.025 min
Lab File: BN036741.D
Acq: 27 Mar 2025 17:26

Tgt Ion:172 Resp: 4021
Ion Ratio Lower Upper
172 100
171 37.8 29.5 44.3
170 25.5 20.2 30.4

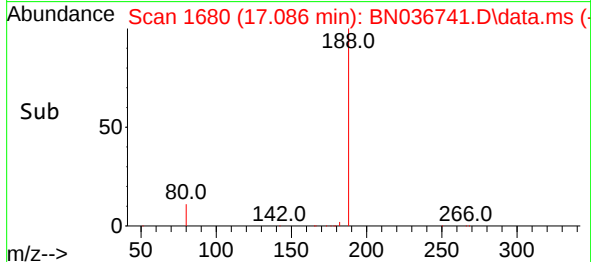
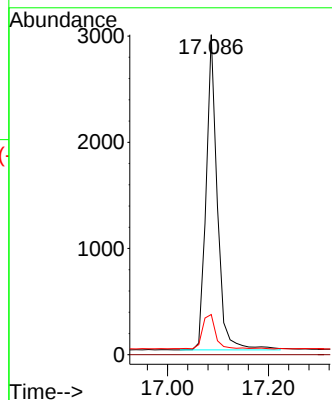
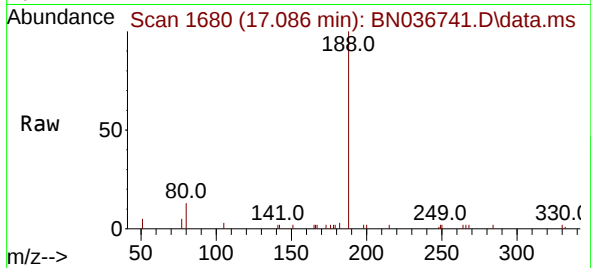




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036741.D
Acq: 27 Mar 2025 17:26

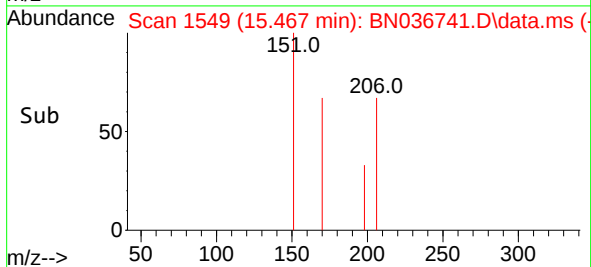
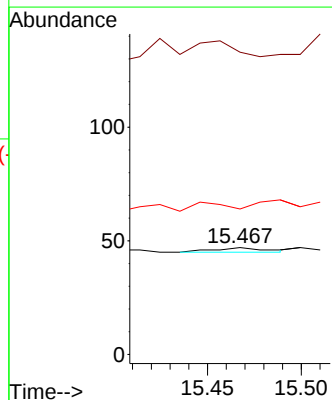
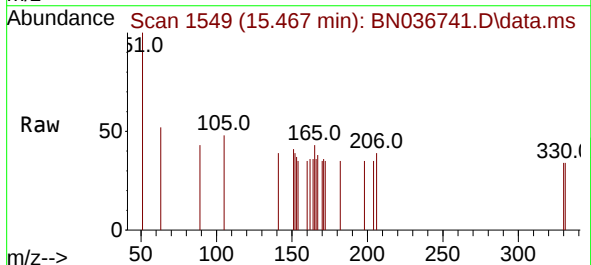
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250320

Tgt Ion:188 Resp: 4583
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.149 ng
RT: 15.467 min Scan# 1549
Delta R.T. -0.032 min
Lab File: BN036741.D
Acq: 27 Mar 2025 17:26

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 283.0 107.9 161.9#
105 136.2 56.2 84.2#

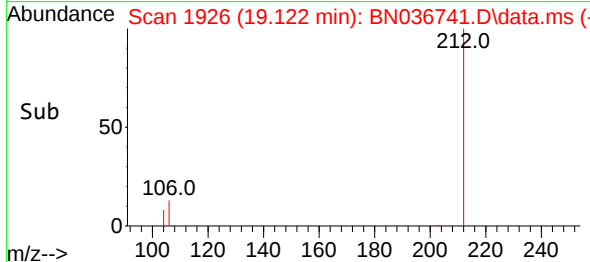
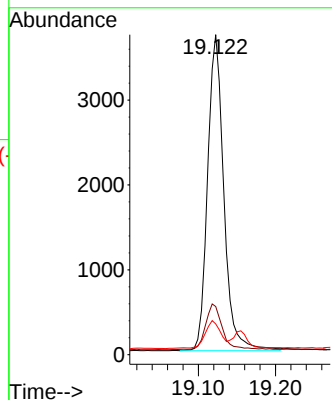
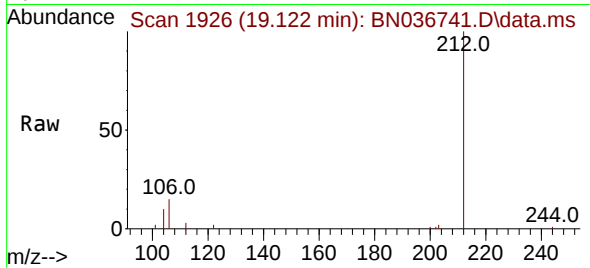




#27
Fluoranthene-d10
Concen: 0.463 ng
RT: 19.122 min Scan# 19
Delta R.T. -0.018 min
Lab File: BN036741.D
Acq: 27 Mar 2025 17:26

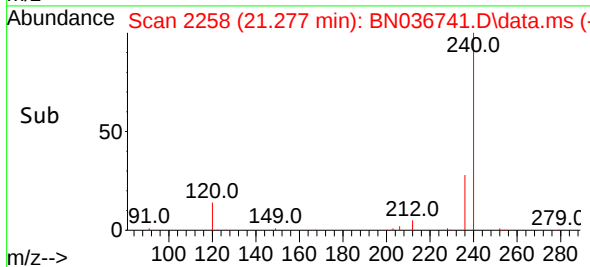
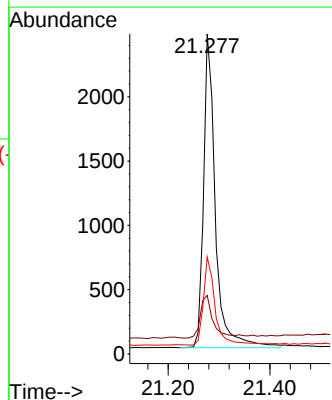
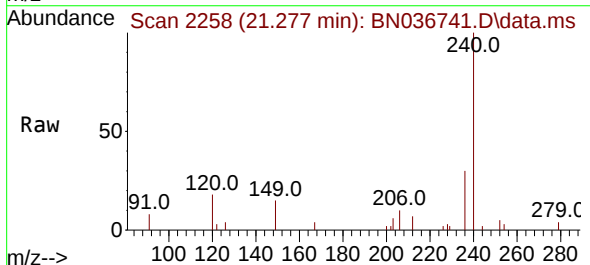
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250320

Tgt Ion:212 Resp: 5441
Ion Ratio Lower Upper
212 100
106 15.2 11.8 17.6
104 8.7 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: BN036741.D
Acq: 27 Mar 2025 17:26

Tgt Ion:240 Resp: 3932
Ion Ratio Lower Upper
240 100
120 18.3 14.6 22.0
236 30.3 24.1 36.1

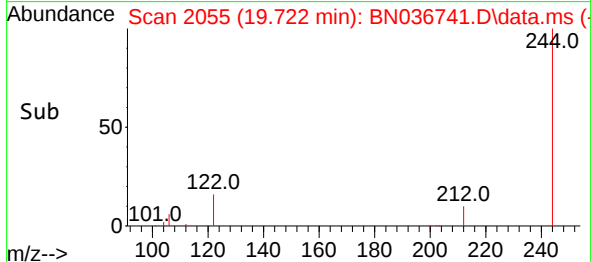
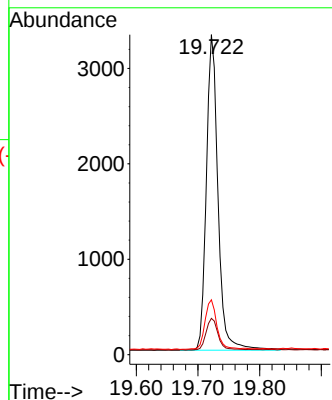
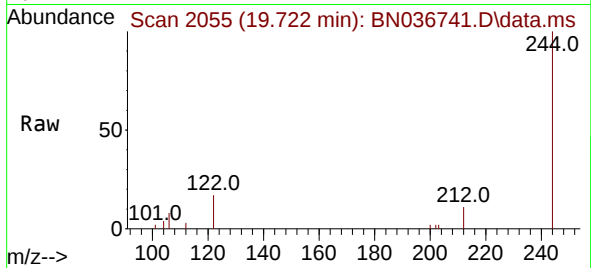




#31
 Terphenyl-d14
 Concen: 0.459 ng
 RT: 19.722 min Scan# 2060
 Delta R.T. -0.023 min
 Lab File: BN036741.D
 Acq: 27 Mar 2025 17:26

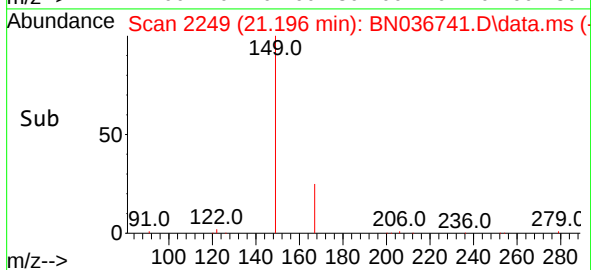
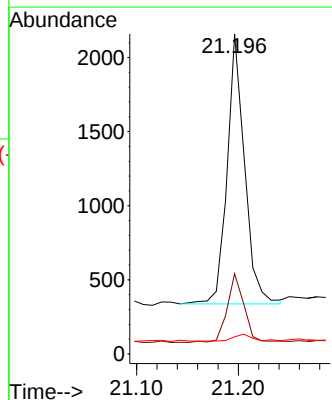
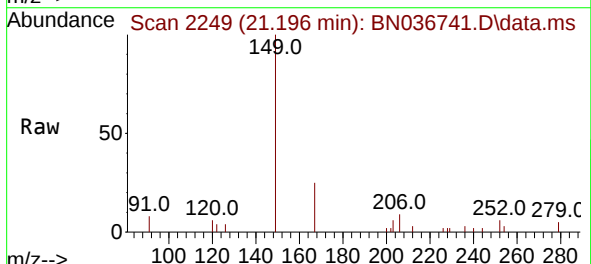
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250320

Tgt Ion:244 Resp: 4322
 Ion Ratio Lower Upper
 244 100
 212 11.3 9.6 14.4
 122 17.1 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.223 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036741.D
 Acq: 27 Mar 2025 17:26

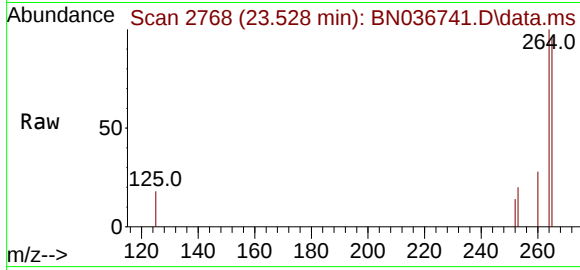
Tgt Ion:149 Resp: 2170
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.7 31.1
 279 2.9 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.528 min Scan# 21
 Delta R.T. -0.026 min
 Lab File: BN036741.D
 Acq: 27 Mar 2025 17:26

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250320



Tgt Ion:264 Resp: 3540

Ion	Ratio	Lower	Upper
264	100		
260	27.5	22.6	33.8
265	95.5	88.1	132.1

