

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036735.D
 Acq On : 27 Mar 2025 13:26
 Operator : RC/JU
 Sample : Q1621-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250320

Quant Time: Mar 27 13:54:34 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)

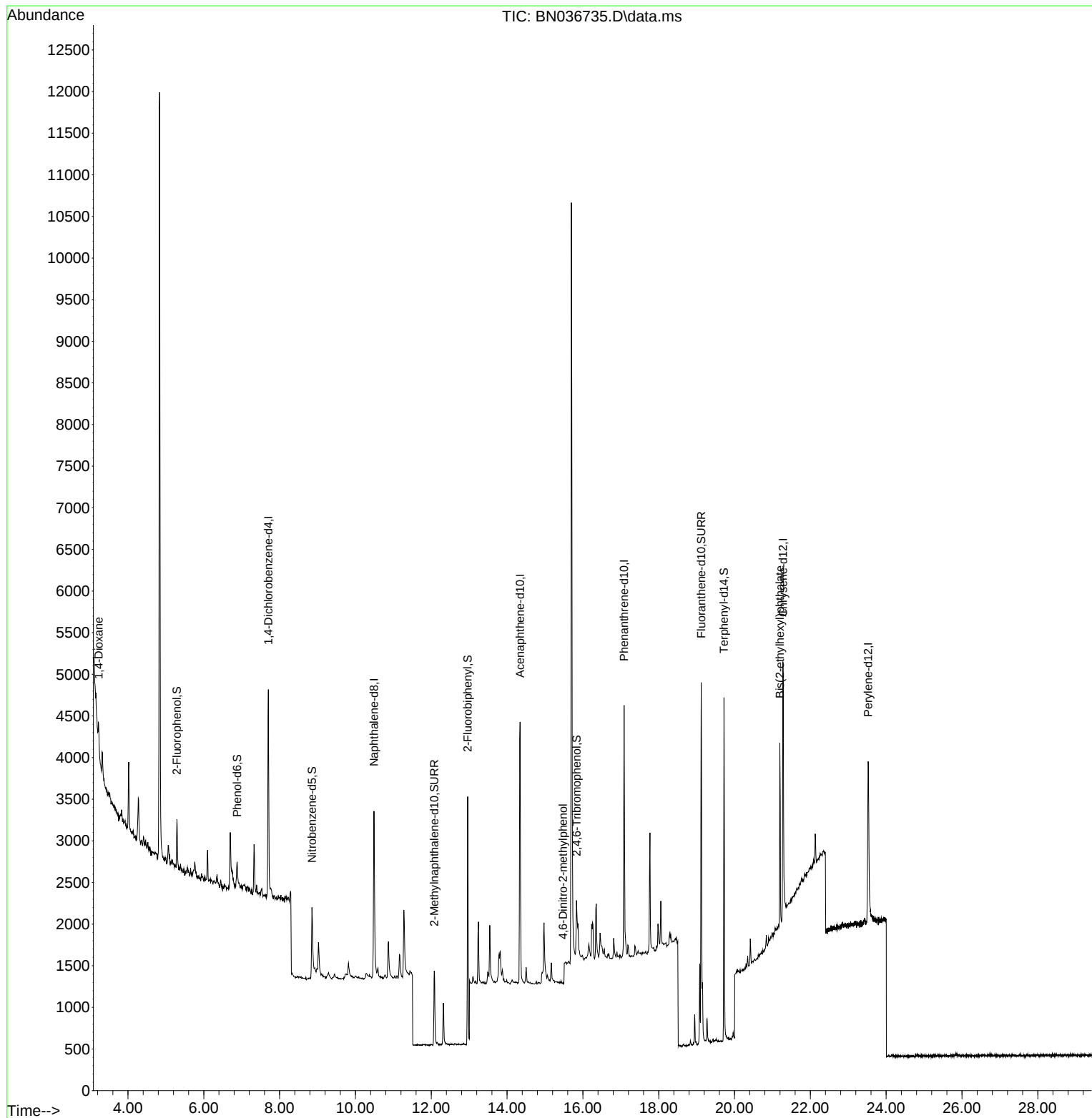
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1249	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3019	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	1882	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	4161	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	3643	0.400	ng	-0.02
35) Perylene-d12	23.525	264	3289	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	433	0.149	ng	-0.02
5) Phenol-d6	6.879	99	283	0.079	ng	-0.02
8) Nitrobenzene-d5	8.854	82	918	0.280	ng	-0.02
11) 2-Methylnaphthalene-d10	12.080	152	1393	0.310	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	403	0.472	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	3437	0.314	ng	-0.03
27) Fluoranthene-d10	19.122	212	5050	0.474	ng	-0.02
31) Terphenyl-d14	19.722	244	3957	0.453	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	171	0.123	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.478	198	5	0.150	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	2159	0.239	ng	# 95

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

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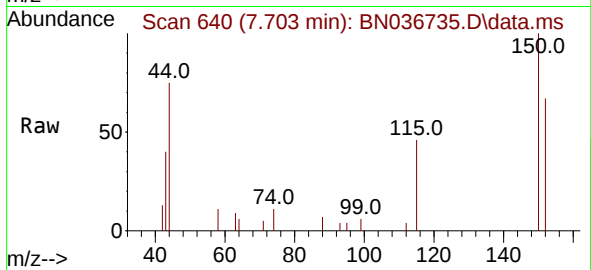
Quant Time: Mar 27 13:54:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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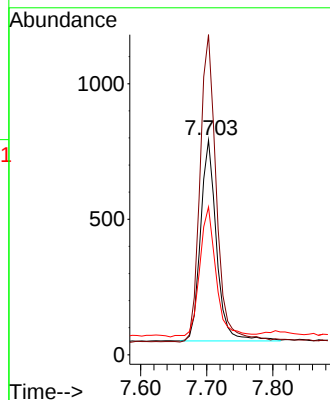
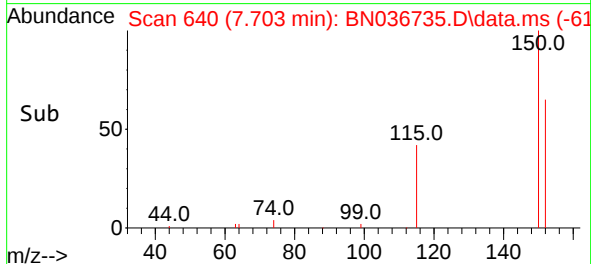


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036735.D
 Acq: 27 Mar 2025 13:26

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP303-20250320

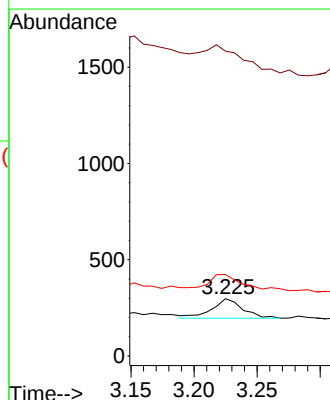
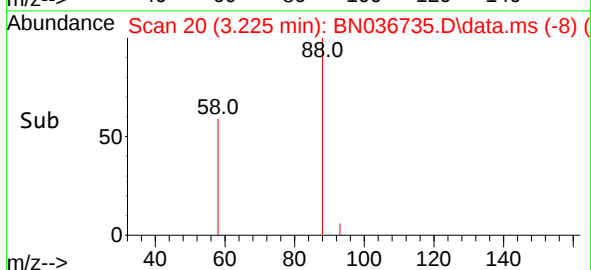
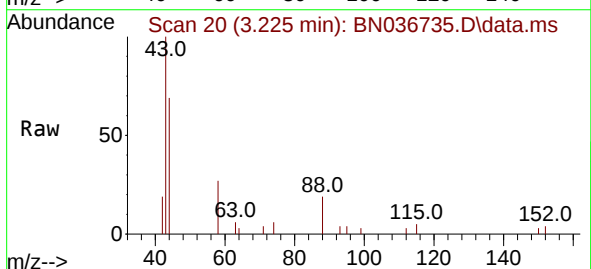


Tgt Ion:152 Resp: 1249
 Ion Ratio Lower Upper
 152 100
 150 149.1 123.7 185.5
 115 68.8 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.123 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036735.D
 Acq: 27 Mar 2025 13:26

Tgt Ion: 88 Resp: 171
 Ion Ratio Lower Upper
 88 100
 43 205.3 37.8 56.8#
 58 117.0 67.4 101.2#

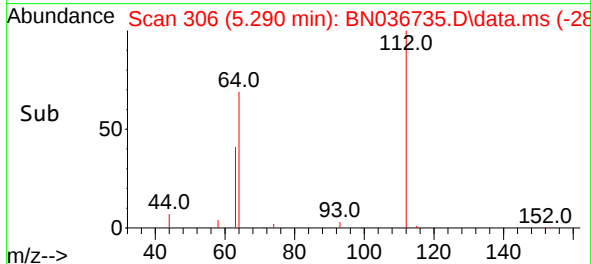
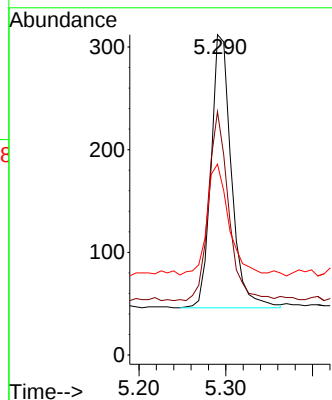
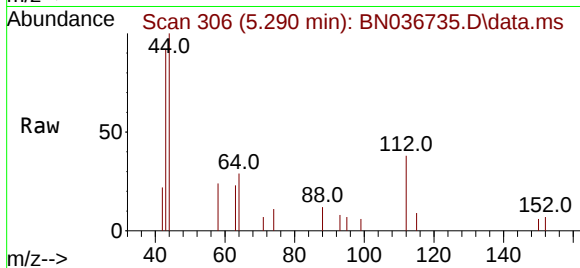




#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036735.D
Acq: 27 Mar 2025 13:26

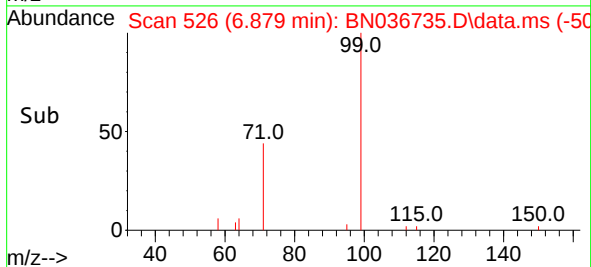
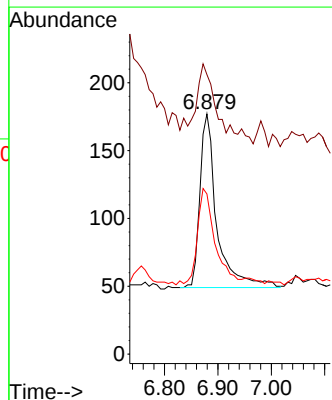
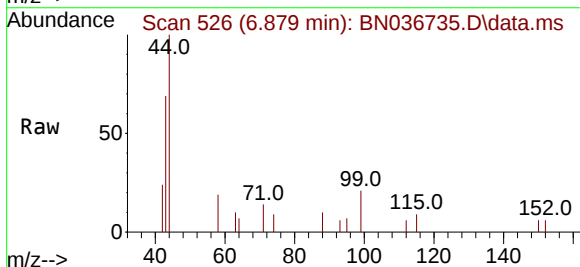
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250320

Tgt Ion:112 Resp: 433
Ion Ratio Lower Upper
112 100
64 68.6 53.1 79.7
63 45.0 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: BN036735.D
Acq: 27 Mar 2025 13:26

Tgt Ion: 99 Resp: 283
Ion Ratio Lower Upper
99 100
42 38.5 26.5 39.7
71 58.3 34.1 51.1#

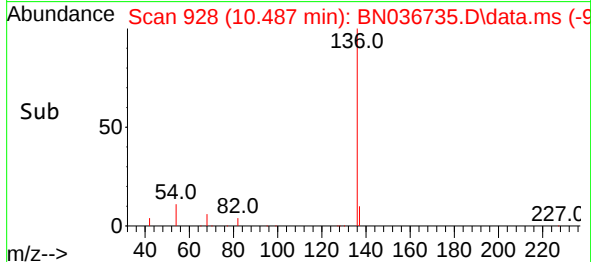
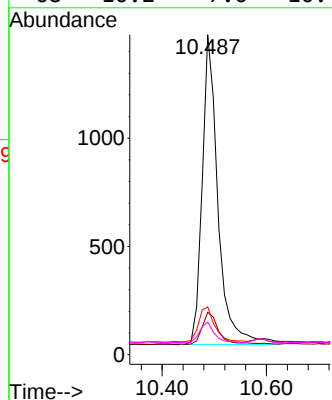
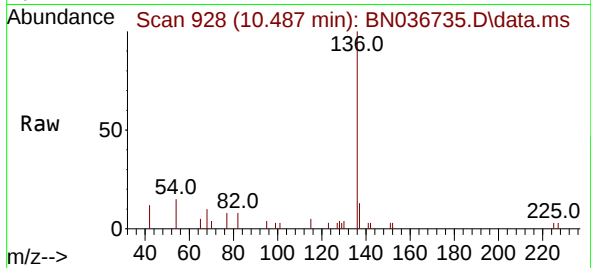




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036735.D
Acq: 27 Mar 2025 13:26

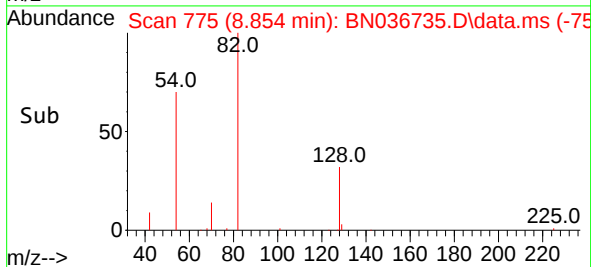
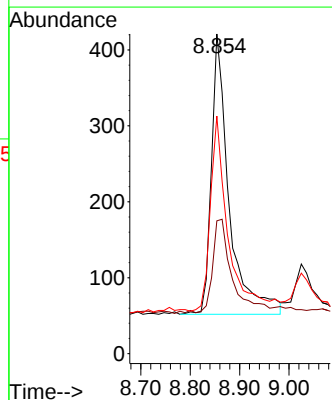
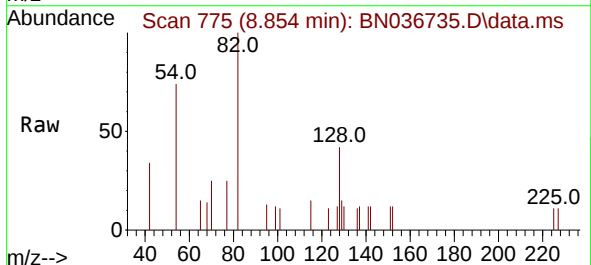
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250320

Tgt Ion:	136	Resp:	3019
Ion	Ratio	Lower	Upper
136	100		
137	13.3	10.3	15.5
54	15.0	11.5	17.3
68	10.2	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.280 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036735.D
Acq: 27 Mar 2025 13:26

Tgt Ion:	82	Resp:	918
Ion	Ratio	Lower	Upper
82	100		
128	41.6	30.6	45.8
54	74.3	52.2	78.4

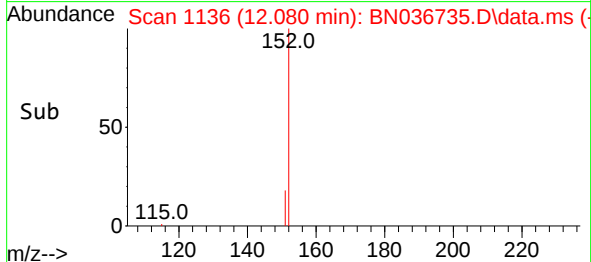
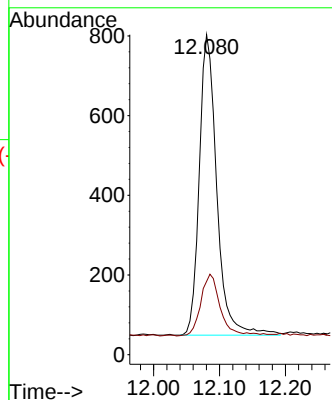
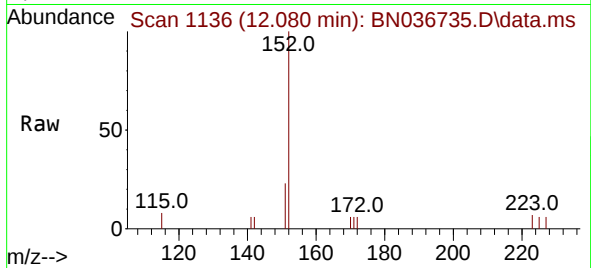




#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.080 min Scan# 1142
Delta R.T. -0.030 min
Lab File: BN036735.D
Acq: 27 Mar 2025 13:26

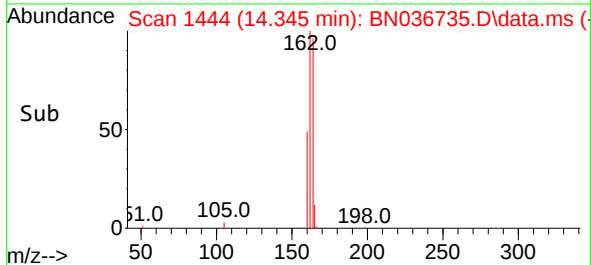
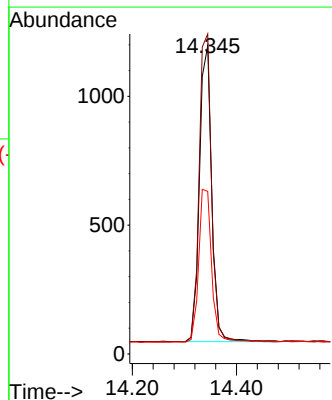
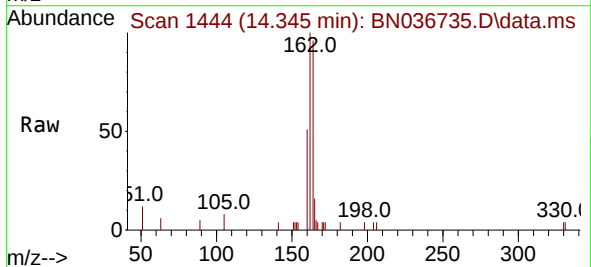
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250320

Tgt Ion:152 Resp: 1393
Ion Ratio Lower Upper
152 100
151 22.3 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: BN036735.D
Acq: 27 Mar 2025 13:26

Tgt Ion:164 Resp: 1882
Ion Ratio Lower Upper
164 100
162 103.8 84.2 126.2
160 52.7 42.2 63.2

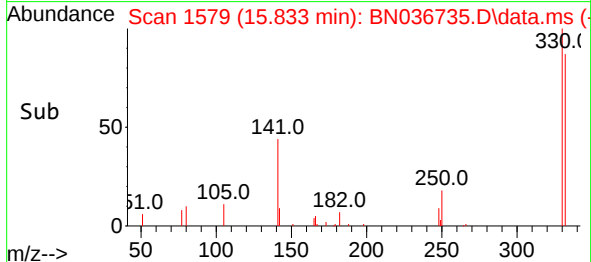
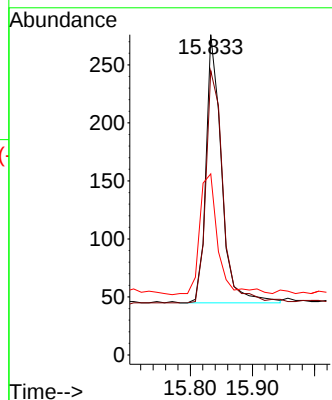
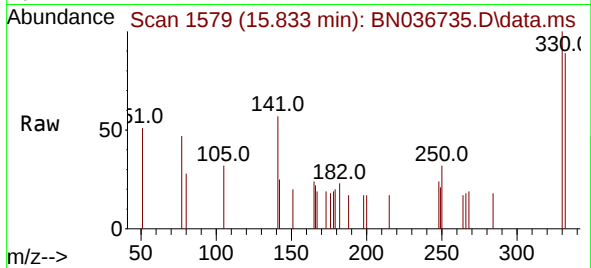




#14
2,4,6-Tribromophenol
Concen: 0.472 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036735.D
Acq: 27 Mar 2025 13:26

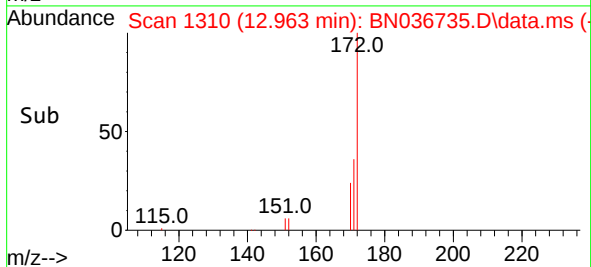
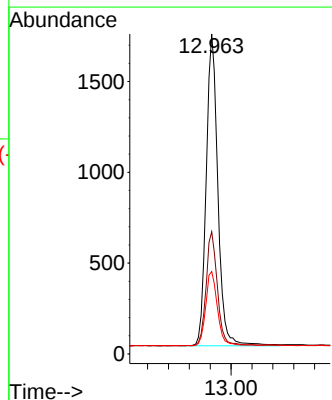
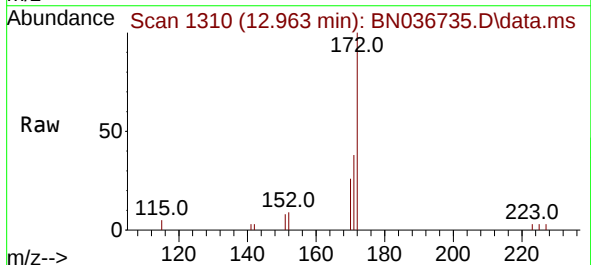
Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250320

Tgt Ion: 330 Resp: 403
Ion Ratio Lower Upper
330 100
332 95.3 75.2 112.8
141 53.1 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.963 min Scan# 1310
Delta R.T. -0.025 min
Lab File: BN036735.D
Acq: 27 Mar 2025 13:26

Tgt Ion: 172 Resp: 3437
Ion Ratio Lower Upper
172 100
171 38.2 29.5 44.3
170 25.8 20.2 30.4

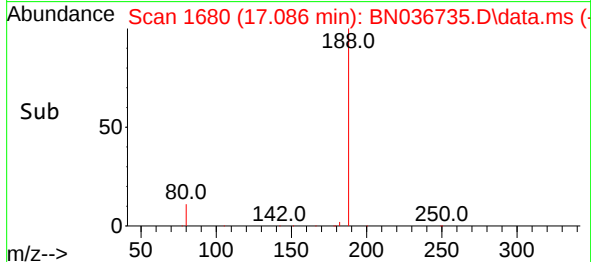
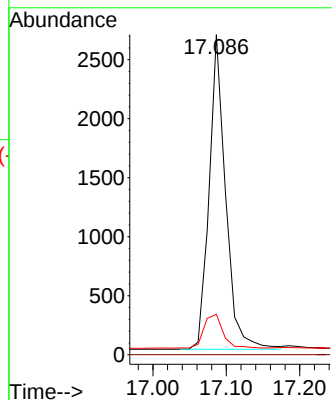
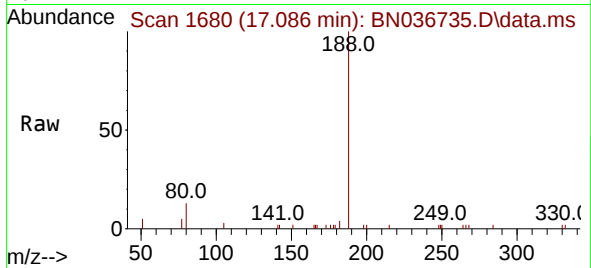




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036735.D
Acq: 27 Mar 2025 13:26

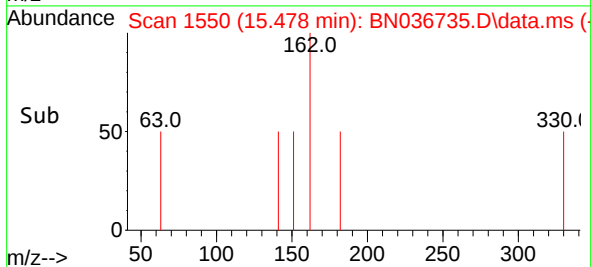
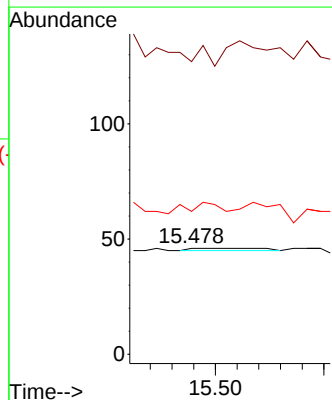
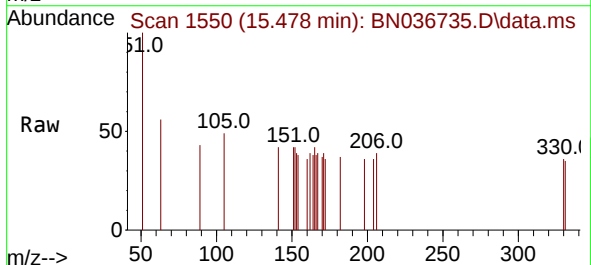
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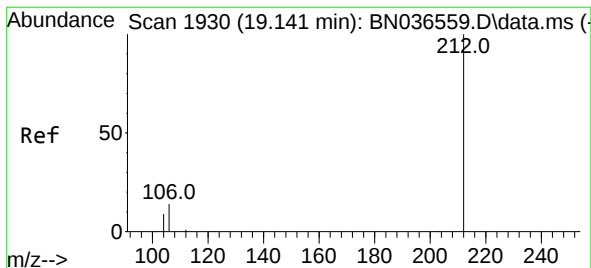
Tgt Ion:188 Resp: 4161
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 8.8 13.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.150 ng
RT: 15.478 min Scan# 1550
Delta R.T. -0.021 min
Lab File: BN036735.D
Acq: 27 Mar 2025 13:26

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 276.1 107.9 161.9#
105 134.8 56.2 84.2#





#27

Fluoranthene-d10

Concen: 0.474 ng

RT: 19.122 min Scan# 19

Delta R.T. -0.019 min

Lab File: BN036735.D

Acq: 27 Mar 2025 13:26

Instrument :

BNA_N

ClientSampleId :

RW5-SP303-20250320

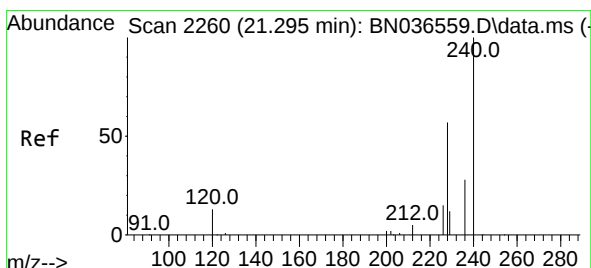
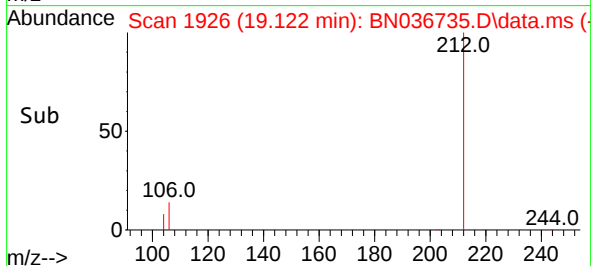
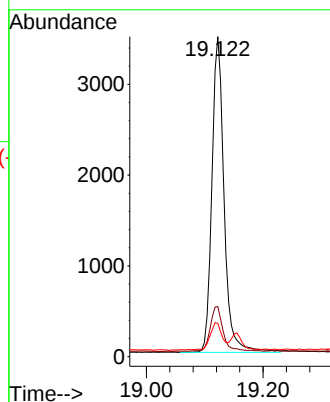
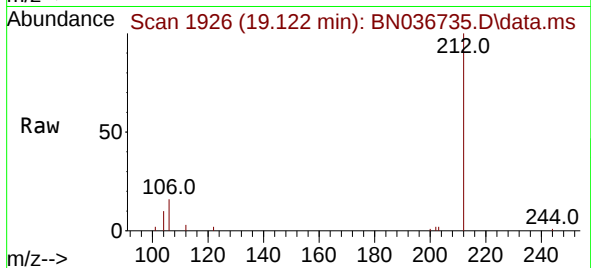
Tgt Ion:212 Resp: 5050

Ion Ratio Lower Upper

212 100

106 14.9 11.8 17.6

104 8.9 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: BN036735.D

Acq: 27 Mar 2025 13:26

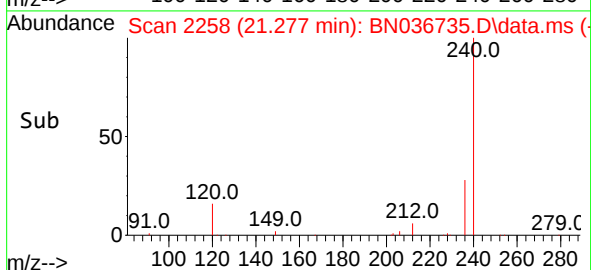
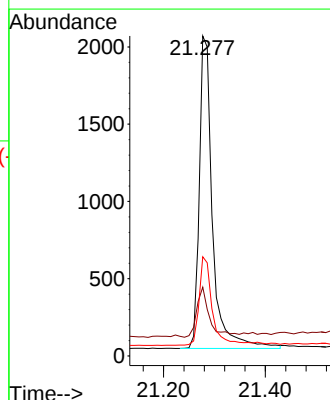
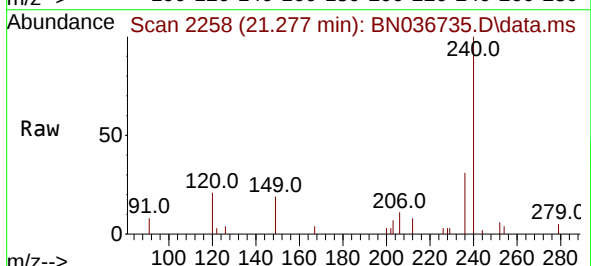
Tgt Ion:240 Resp: 3643

Ion Ratio Lower Upper

240 100

120 21.5 14.6 22.0

236 31.0 24.1 36.1

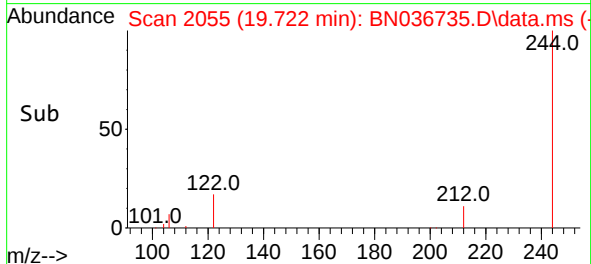
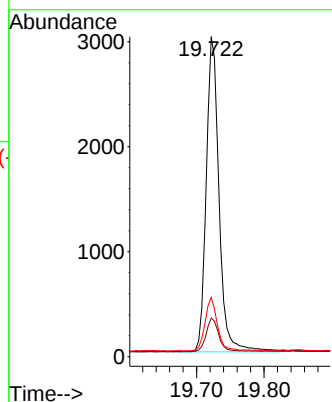
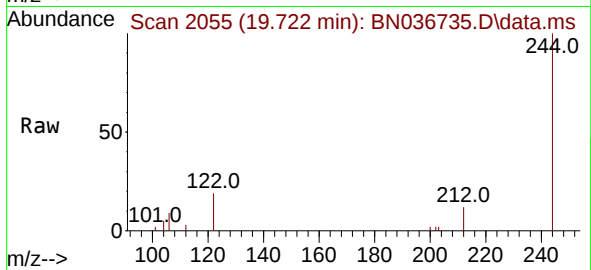




#31
 Terphenyl-d14
 Concen: 0.453 ng
 RT: 19.722 min Scan# 2060
 Delta R.T. -0.023 min
 Lab File: BN036735.D
 Acq: 27 Mar 2025 13:26

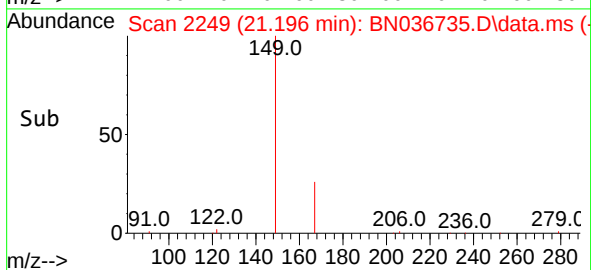
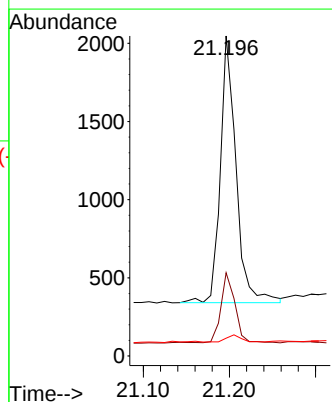
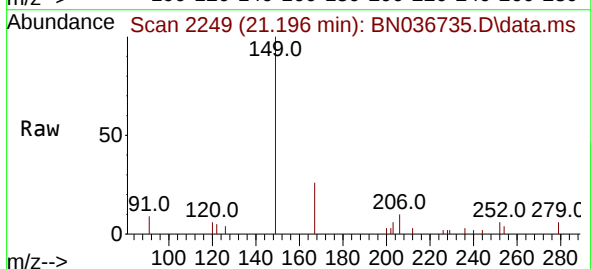
Instrument :
 BNA_N
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 RW5-SP303-20250320

Tgt Ion:244 Resp: 3957
 Ion Ratio Lower Upper
 244 100
 212 12.1 9.6 14.4
 122 18.5 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.239 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036735.D
 Acq: 27 Mar 2025 13:26

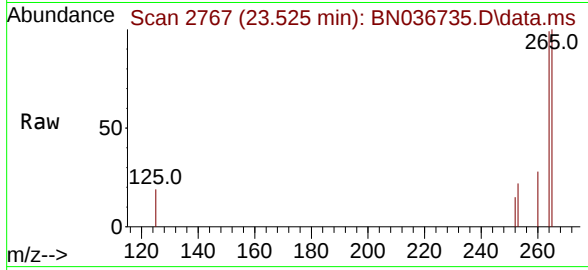
Tgt Ion:149 Resp: 2159
 Ion Ratio Lower Upper
 149 100
 167 23.5 20.7 31.1
 279 2.5 3.6 5.4#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.525 min Scan# 21
Delta R.T. -0.029 min
Lab File: BN036735.D
Acq: 27 Mar 2025 13:26

Instrument :
BNA_N
ClientSampleId :
RW5-SP303-20250320



Tgt Ion:264 Resp: 3289

Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.6	33.8
265	100.9	88.1	132.1

