

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
 Data File : BN036786.D
 Acq On : 28 Mar 2025 23:02
 Operator : RC/JU
 Sample : Q1608-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01I-20250317

Quant Time: Mar 28 23:44:46 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)

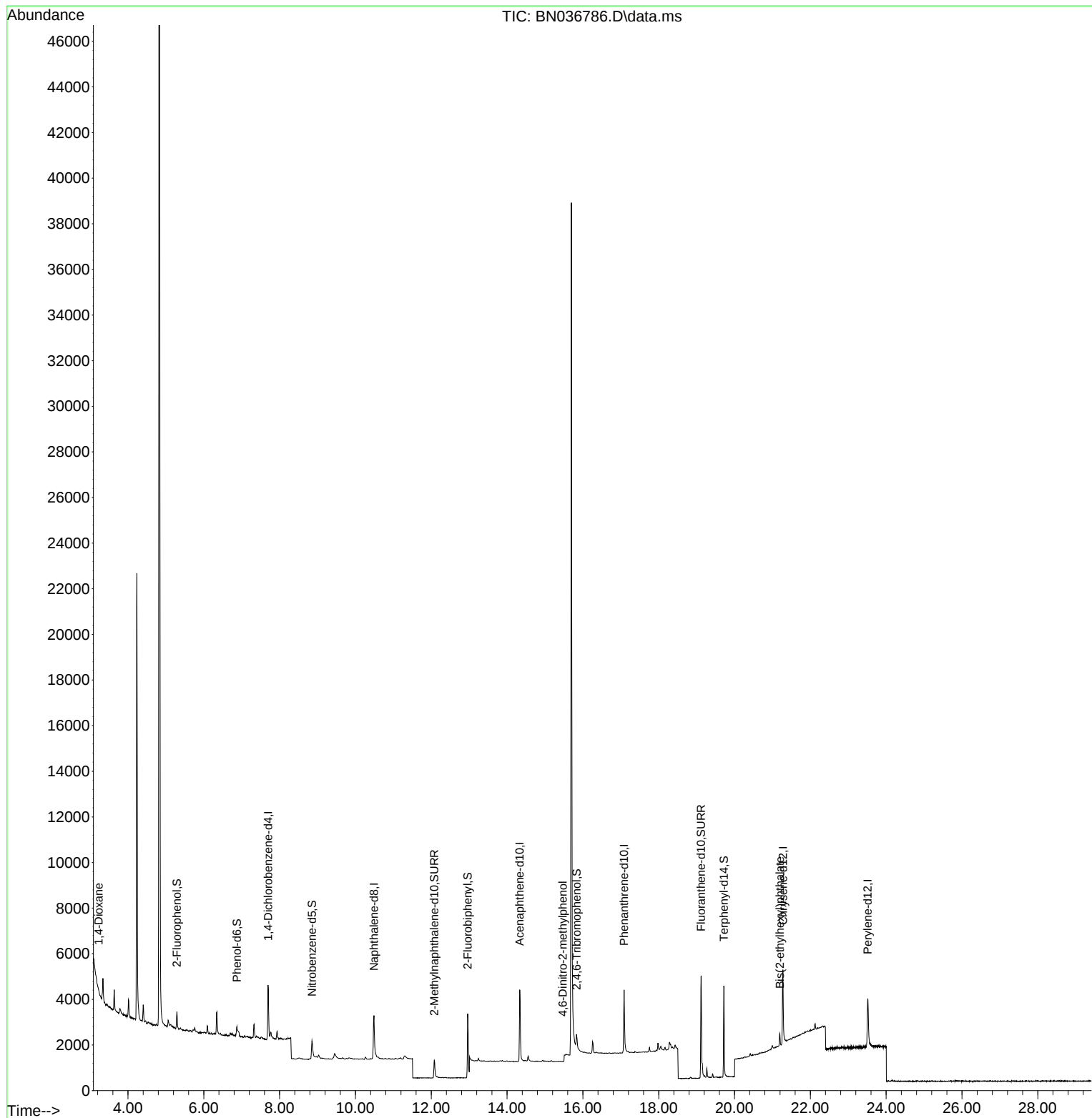
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	1258	0.400	ng	-0.03
7) Naphthalene-d8	10.488	136	3175	0.400	ng	-0.02
13) Acenaphthene-d10	14.334	164	2022	0.400	ng	-0.03
19) Phenanthrene-d10	17.087	188	4337	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	3802	0.400	ng	-0.02
35) Perylene-d12	23.516	264	3357	0.400	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	521	0.178	ng	-0.02
5) Phenol-d6	6.872	99	398	0.110	ng	-0.03
8) Nitrobenzene-d5	8.854	82	1052	0.305	ng	-0.02
11) 2-Methylnaphthalene-d10	12.081	152	1474	0.312	ng	-0.03
14) 2,4,6-Tribromophenol	15.833	330	416	0.453	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	4167	0.354	ng	-0.03
27) Fluoranthene-d10	19.118	212	5443	0.490	ng	-0.02
31) Terphenyl-d14	19.717	244	4098	0.450	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	28	0.020	ng	# 15
20) 4,6-Dinitro-2-methylph...	15.467	198	1	0.147	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	602	0.064	ng	99

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

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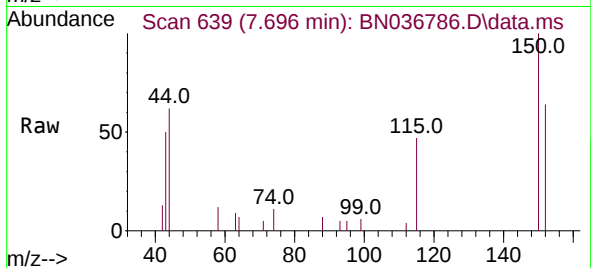
Quant Time: Mar 28 23:44:46 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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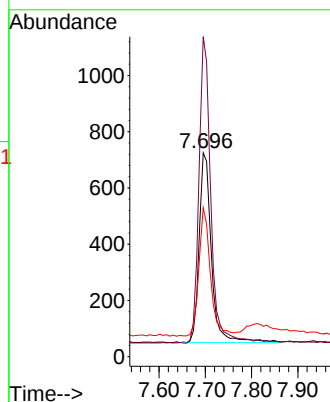
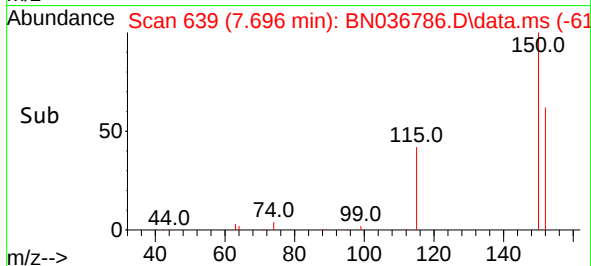


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.696 min Scan# 61
Delta R.T. -0.028 min
Lab File: BN036786.D
Acq: 28 Mar 2025 23:02

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250317

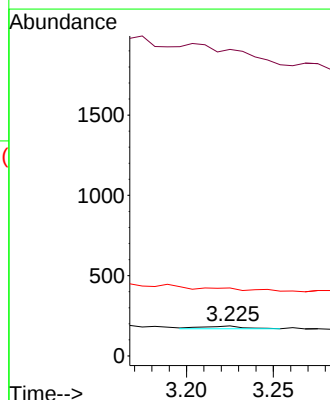
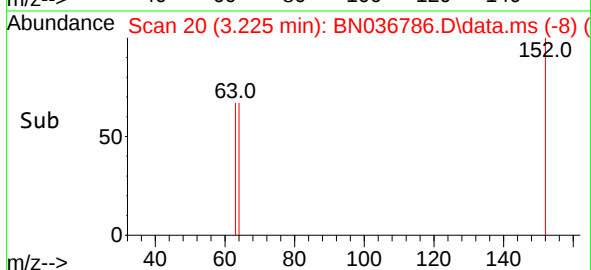
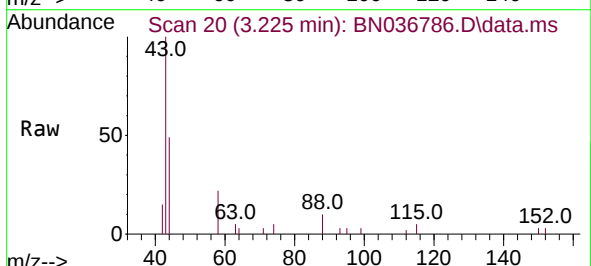


Tgt Ion:152 Resp: 1258
Ion Ratio Lower Upper
152 100
150 157.0 123.7 185.5
115 73.1 54.3 81.5



#2
1,4-Dioxane
Concen: 0.020 ng
RT: 3.225 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN036786.D
Acq: 28 Mar 2025 23:02

Tgt Ion: 88 Resp: 28
Ion Ratio Lower Upper
88 100
43 0.0 37.8 56.8#
58 0.0 67.4 101.2#

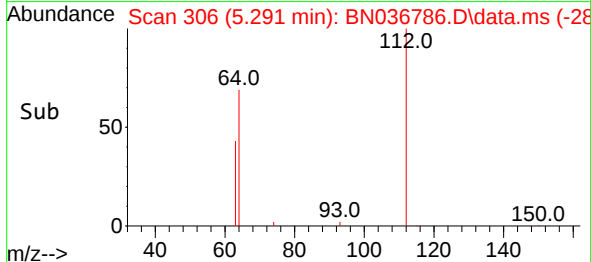
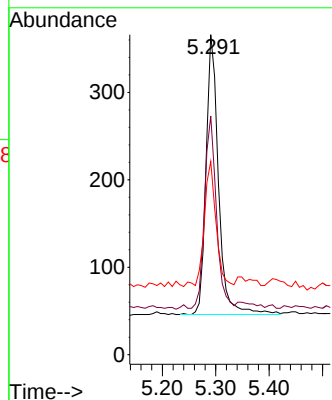
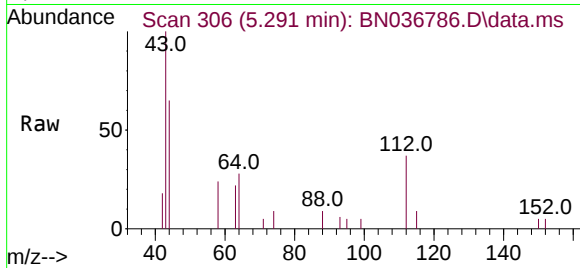




#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.291 min Scan# 309
Delta R.T. -0.021 min
Lab File: BN036786.D
Acq: 28 Mar 2025 23:02

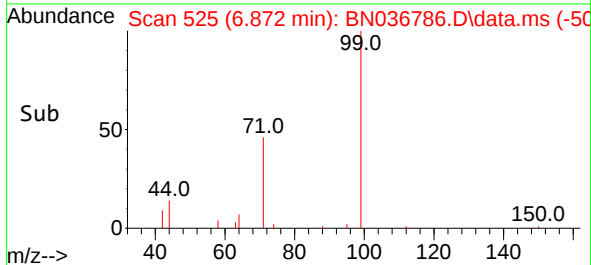
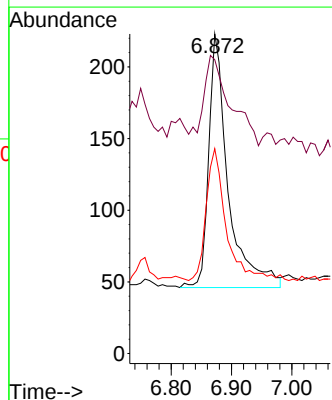
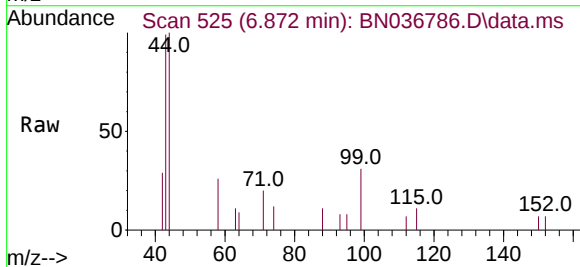
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250317

Tgt Ion:112 Resp: 521
Ion Ratio Lower Upper
112 100
64 64.9 53.1 79.7
63 42.0 31.8 47.8



#5
Phenol-d6
Concen: 0.110 ng
RT: 6.872 min Scan# 525
Delta R.T. -0.029 min
Lab File: BN036786.D
Acq: 28 Mar 2025 23:02

Tgt Ion: 99 Resp: 398
Ion Ratio Lower Upper
99 100
42 49.0 26.5 39.7#
71 54.5 34.1 51.1#

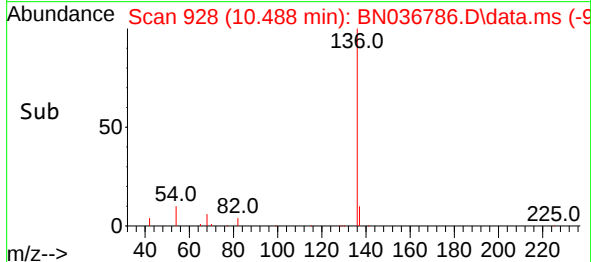
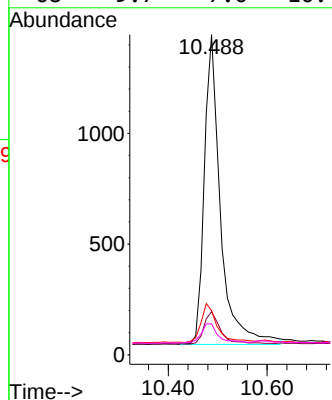
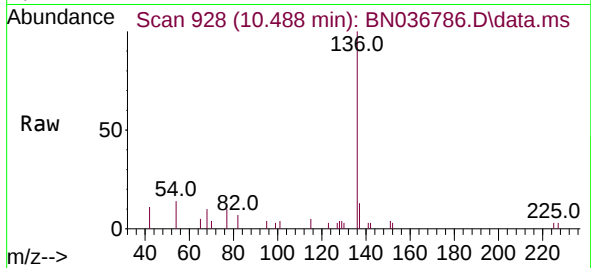




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036786.D
Acq: 28 Mar 2025 23:02

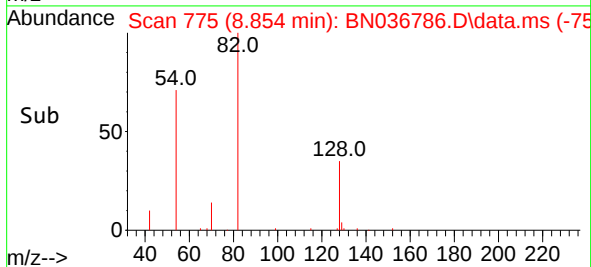
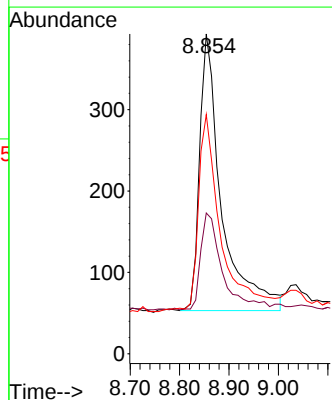
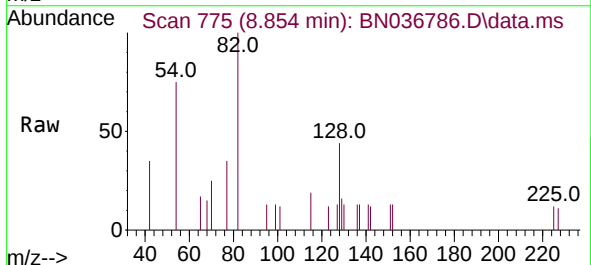
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250317

Tgt Ion:	136	Resp:	3175
Ion	Ratio	Lower	Upper
136	100		
137	13.5	10.3	15.5
54	13.8	11.5	17.3
68	9.7	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036786.D
Acq: 28 Mar 2025 23:02

Tgt Ion:	82	Resp:	1052
Ion	Ratio	Lower	Upper
82	100		
128	44.0	30.6	45.8
54	74.8	52.2	78.4

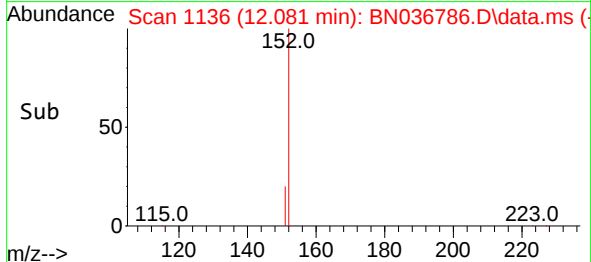
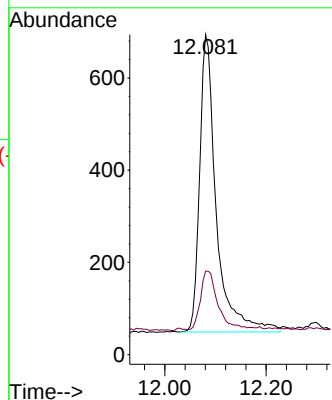
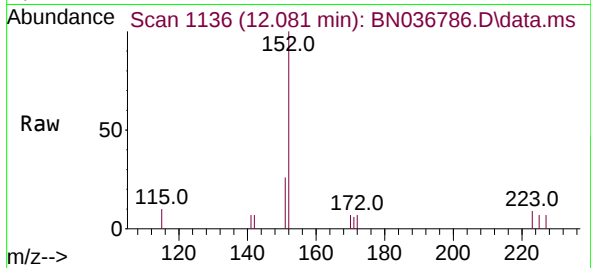




#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.081 min Scan# 1142
Delta R.T. -0.030 min
Lab File: BN036786.D
Acq: 28 Mar 2025 23:02

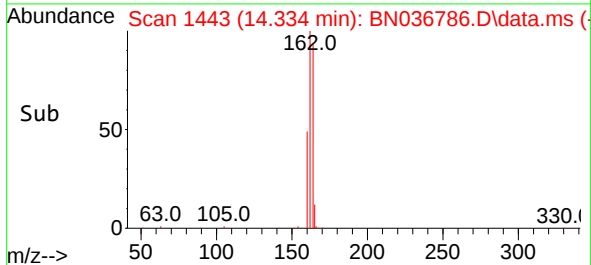
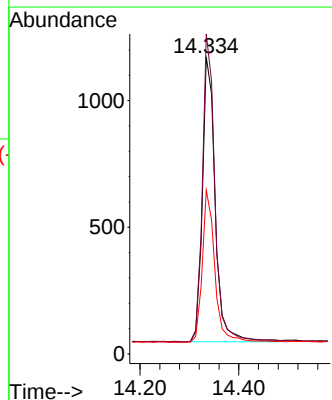
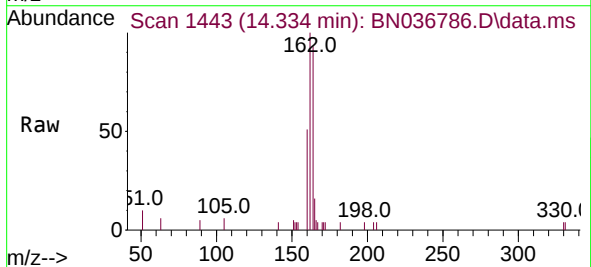
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250317

Tgt Ion:152 Resp: 1474
Ion Ratio Lower Upper
152 100
151 21.0 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: BN036786.D
Acq: 28 Mar 2025 23:02

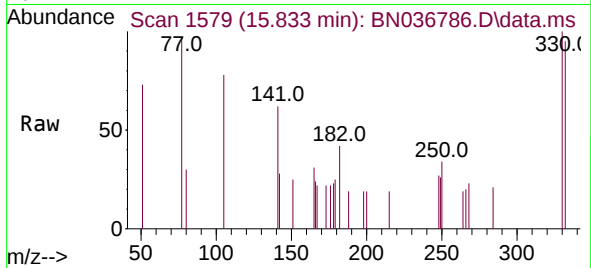
Tgt Ion:164 Resp: 2022
Ion Ratio Lower Upper
164 100
162 107.7 84.2 126.2
160 55.1 42.2 63.2



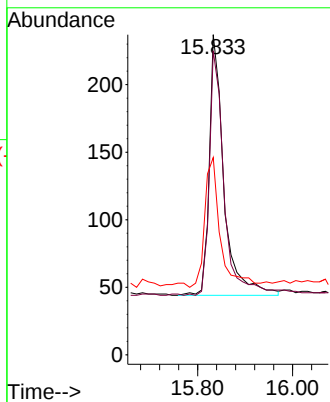
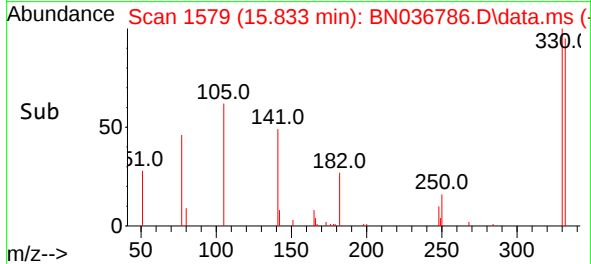


#14
2,4,6-Tribromophenol
Concen: 0.453 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036786.D
Acq: 28 Mar 2025 23:02

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250317

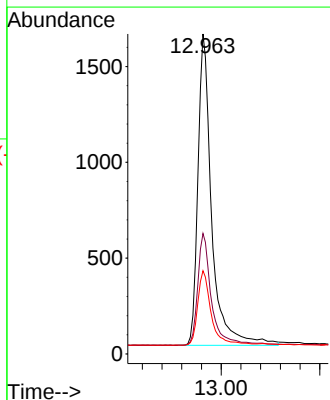
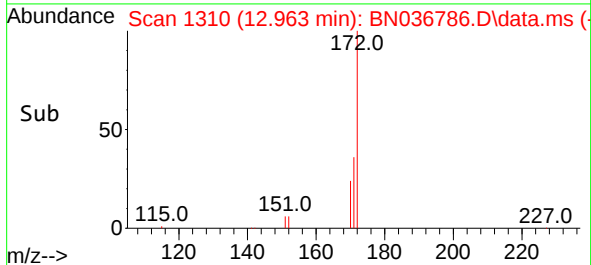
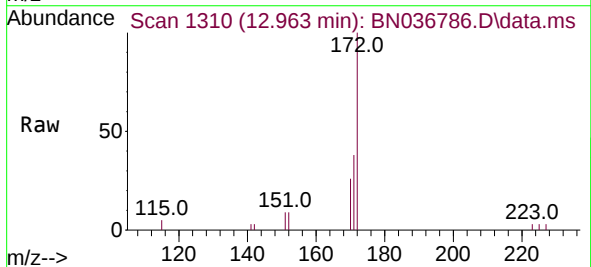


Tgt Ion:330 Resp: 416
Ion Ratio Lower Upper
330 100
332 93.5 75.2 112.8
141 52.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 12.963 min Scan# 1310
Delta R.T. -0.025 min
Lab File: BN036786.D
Acq: 28 Mar 2025 23:02

Tgt Ion:172 Resp: 4167
Ion Ratio Lower Upper
172 100
171 37.7 29.5 44.3
170 26.0 20.2 30.4

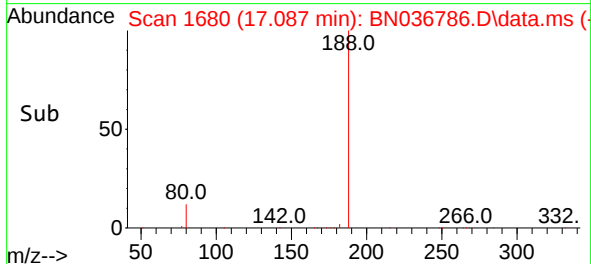
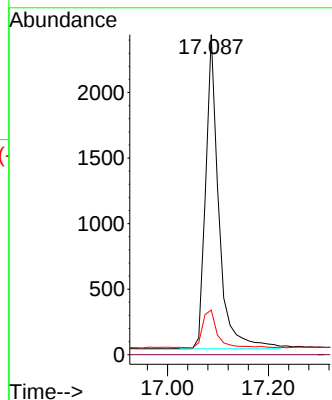
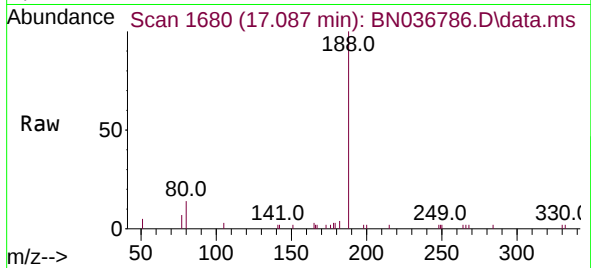




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN036786.D
Acq: 28 Mar 2025 23:02

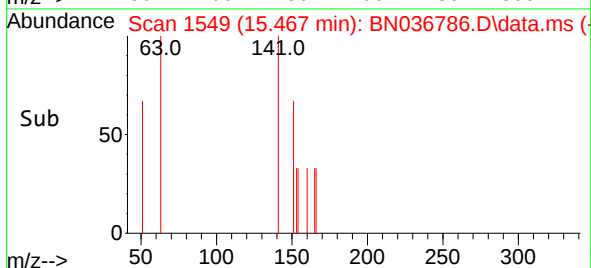
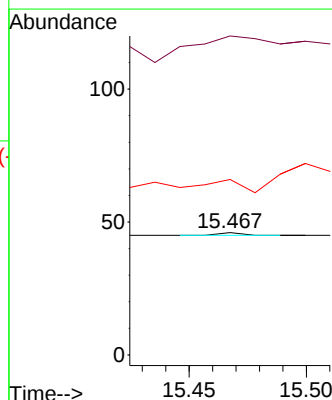
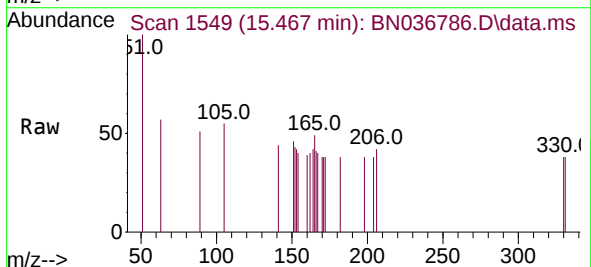
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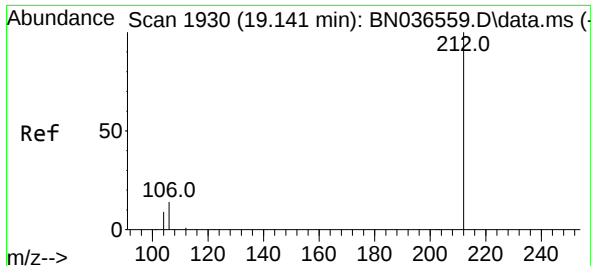
Tgt Ion:188 Resp: 4337
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 8.8 13.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.467 min Scan# 1549
Delta R.T. -0.032 min
Lab File: BN036786.D
Acq: 28 Mar 2025 23:02

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 260.9 107.9 161.9#
105 143.5 56.2 84.2#

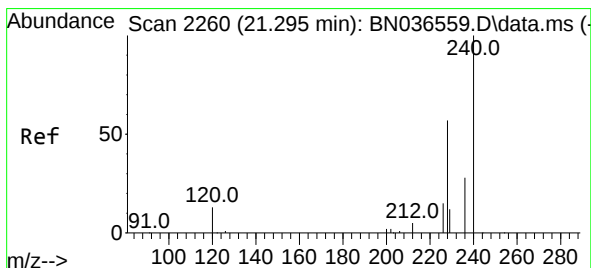
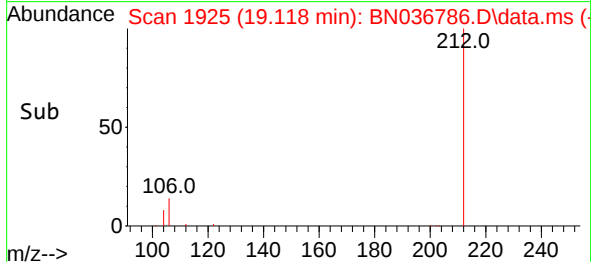
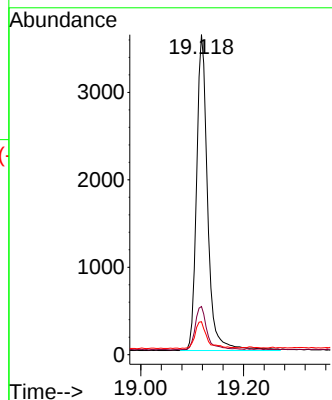
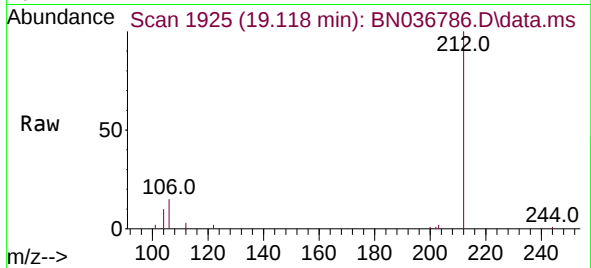




#27
Fluoranthene-d10
Concen: 0.490 ng
RT: 19.118 min Scan# 19
Delta R.T. -0.023 min
Lab File: BN036786.D
Acq: 28 Mar 2025 23:02

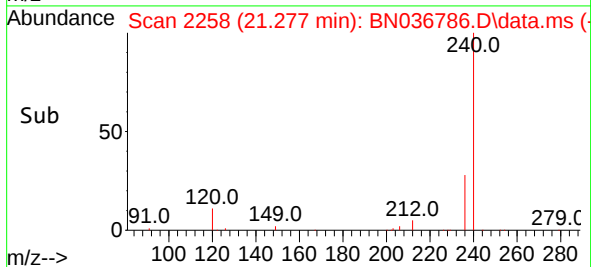
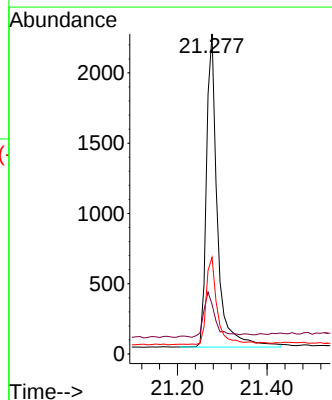
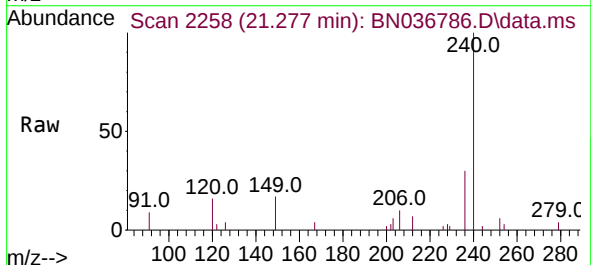
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250317

Tgt Ion:212 Resp: 5443
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.6
104 9.5 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: BN036786.D
Acq: 28 Mar 2025 23:02

Tgt Ion:240 Resp: 3802
Ion Ratio Lower Upper
240 100
120 15.5 14.6 22.0
236 30.2 24.1 36.1

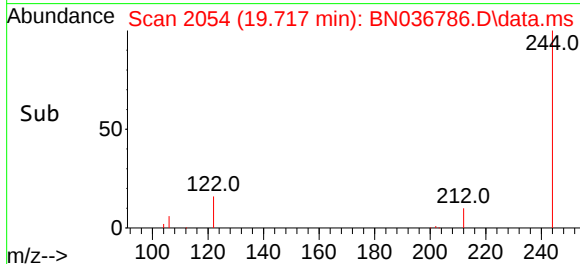
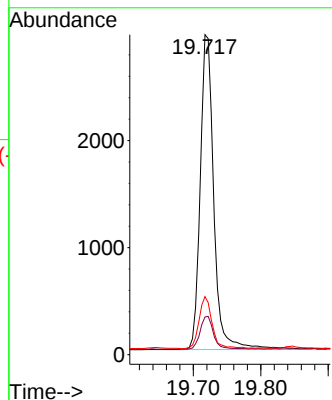
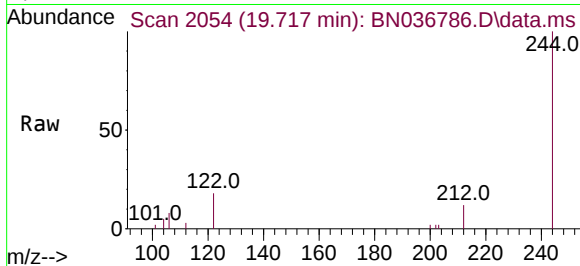




#31
 Terphenyl-d14
 Concen: 0.450 ng
 RT: 19.717 min Scan# 2060
 Delta R.T. -0.028 min
 Lab File: BN036786.D
 Acq: 28 Mar 2025 23:02

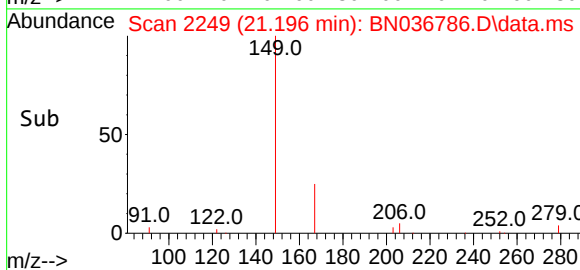
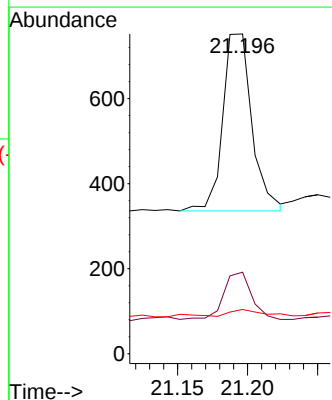
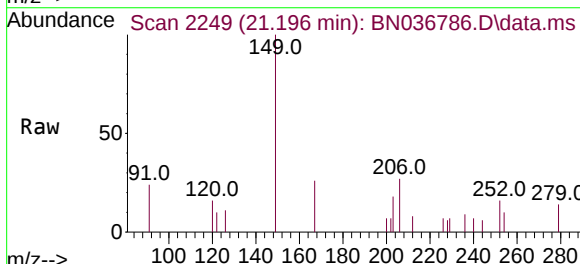
Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01I-20250317

Tgt Ion:244 Resp: 4098
 Ion Ratio Lower Upper
 244 100
 212 11.8 9.6 14.4
 122 18.2 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.064 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.018 min
 Lab File: BN036786.D
 Acq: 28 Mar 2025 23:02

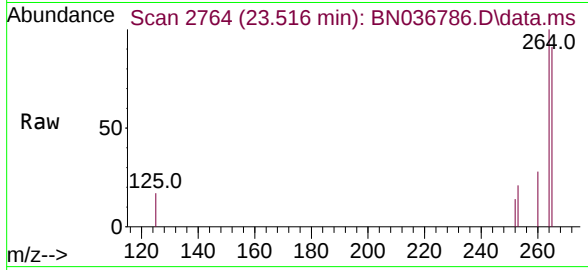
Tgt Ion:149 Resp: 602
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.7 31.1
 279 4.3 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.516 min Scan# 21
Delta R.T. -0.038 min
Lab File: BN036786.D
Acq: 28 Mar 2025 23:02

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250317



Tgt Ion:264 Resp: 3357

Ion	Ratio	Lower	Upper
264	100		
260	28.0	22.6	33.8
265	91.1	88.1	132.1

