

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036643.D
 Acq On : 15 Mar 2025 14:36
 Operator : RC/JU
 Sample : Q1559-14
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01S-20250311

Quant Time: Mar 17 00:36:24 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)

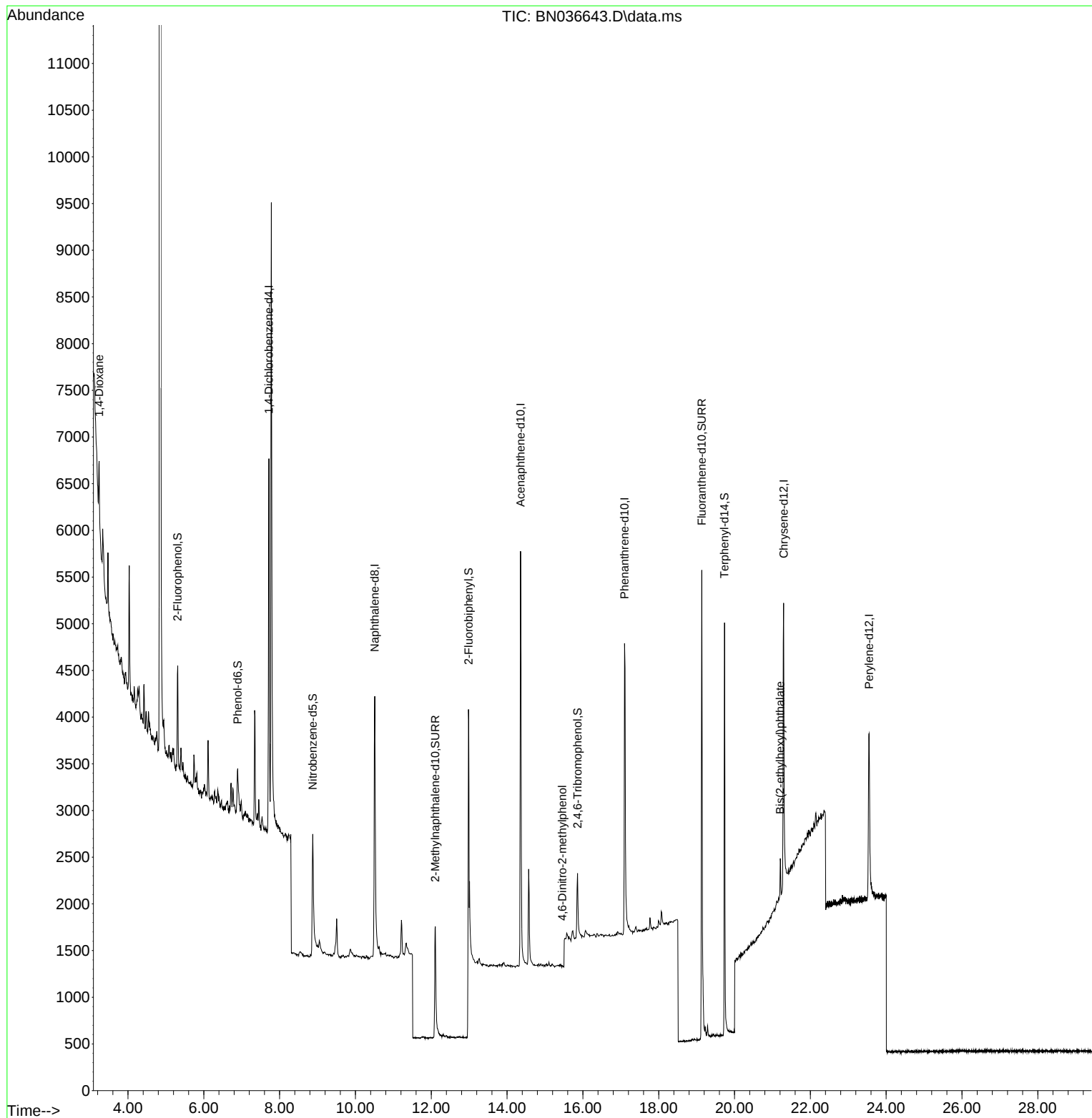
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2068	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	4757	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	2865	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	5682	0.400	ng	#-0.01
29) Chrysene-d12	21.295	240	3838	0.400	ng	0.00
35) Perylene-d12	23.548	264	3126	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	802	0.166	ng	0.00
5) Phenol-d6	6.894	99	502	0.084	ng	0.00
8) Nitrobenzene-d5	8.875	82	1695	0.328	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2458	0.347	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	502	0.386	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	5783	0.347	ng	0.00
27) Fluoranthene-d10	19.136	212	6428	0.441	ng	0.00
31) Terphenyl-d14	19.736	244	4547	0.494	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	360	0.157	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.457	198	6	0.150	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	491	0.052	ng	# 95

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

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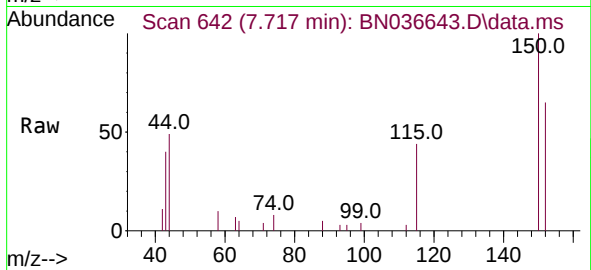
Quant Time: Mar 17 00:36:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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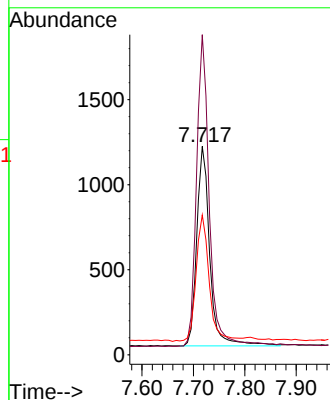
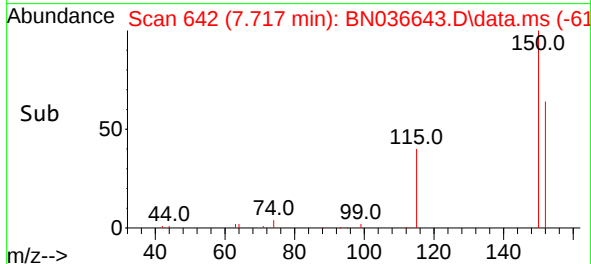


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036643.D
Acq: 15 Mar 2025 14:36

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20250311

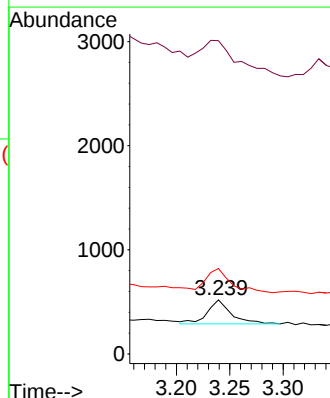
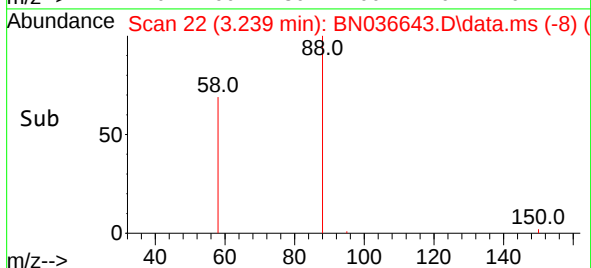
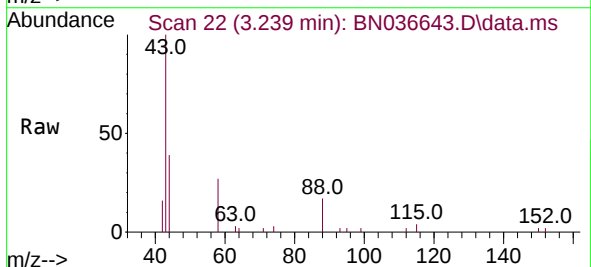


Tgt Ion:152 Resp: 2068
Ion Ratio Lower Upper
152 100
150 153.6 123.7 185.5
115 67.1 54.3 81.5



#2
1,4-Dioxane
Concen: 0.157 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN036643.D
Acq: 15 Mar 2025 14:36

Tgt Ion: 88 Resp: 360
Ion Ratio Lower Upper
88 100
43 247.2 37.8 56.8#
58 102.5 67.4 101.2#

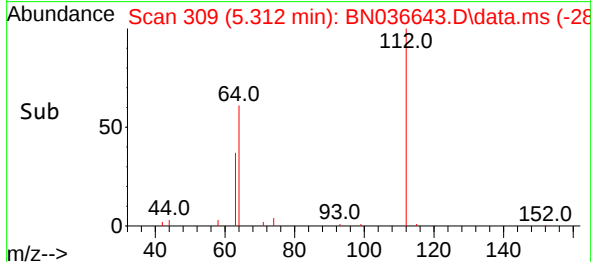
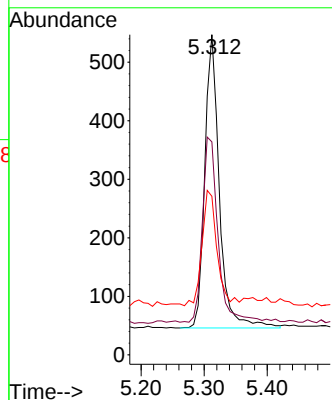
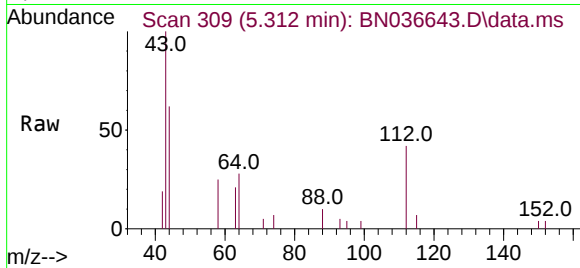




#4
2-Fluorophenol
Concen: 0.166 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036643.D
Acq: 15 Mar 2025 14:36

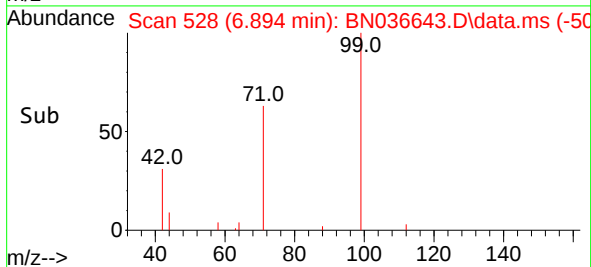
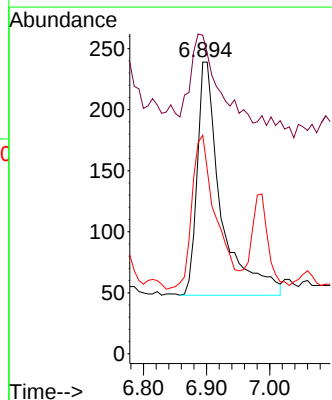
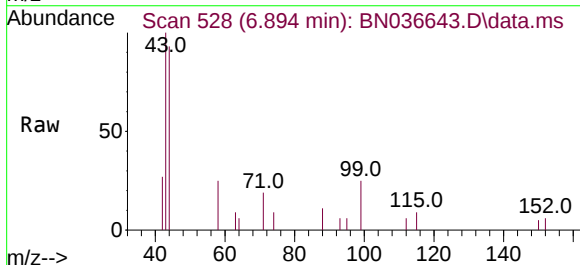
Instrument :
BNA_N
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RW10A-MW01S-20250311

Tgt Ion:	112	Resp:	802
Ion Ratio	Lower	Upper	
112	100		
64	67.8	53.1	79.7
63	40.6	31.8	47.8



#5
Phenol-d6
Concen: 0.084 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.007 min
Lab File: BN036643.D
Acq: 15 Mar 2025 14:36

Tgt Ion:	99	Resp:	502
Ion Ratio	Lower	Upper	
99	100		
42	40.0	26.5	39.7#
71	65.9	34.1	51.1#

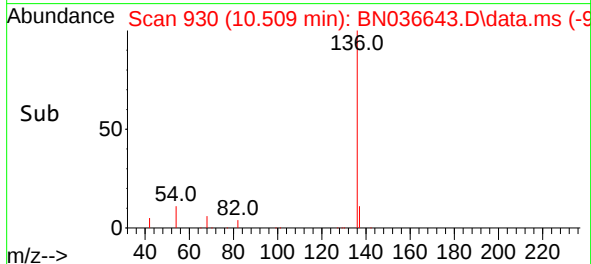
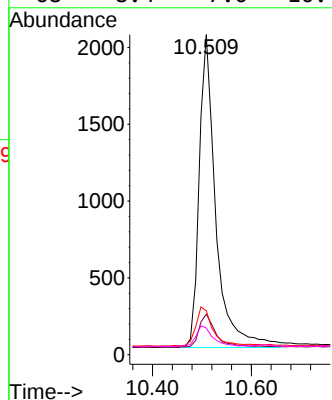
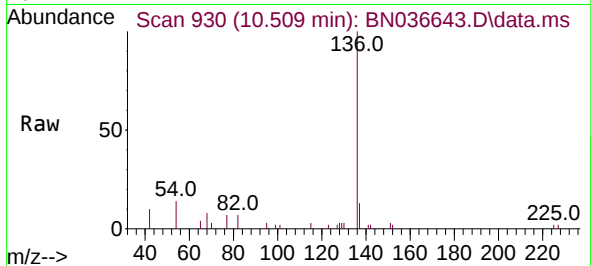




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036643.D
Acq: 15 Mar 2025 14:36

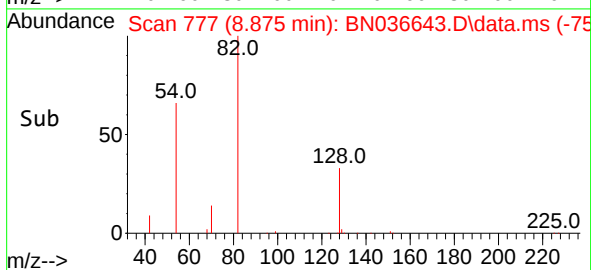
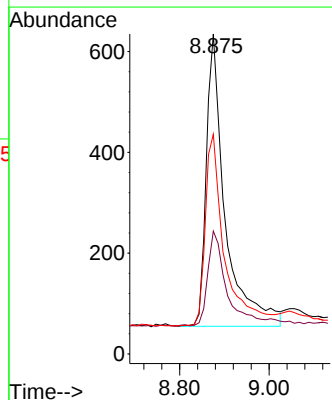
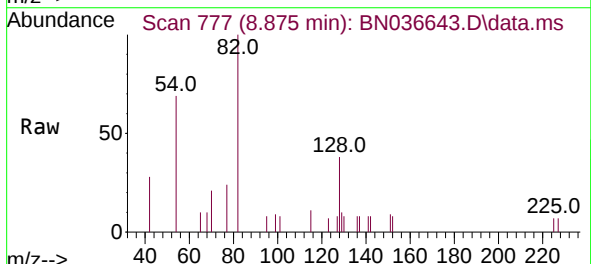
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20250311

Tgt Ion:	136	Resp:	4757
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.3	15.5
54	13.7	11.5	17.3
68	8.4	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036643.D
Acq: 15 Mar 2025 14:36

Tgt Ion:	82	Resp:	1695
Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.6	45.8
54	68.7	52.2	78.4

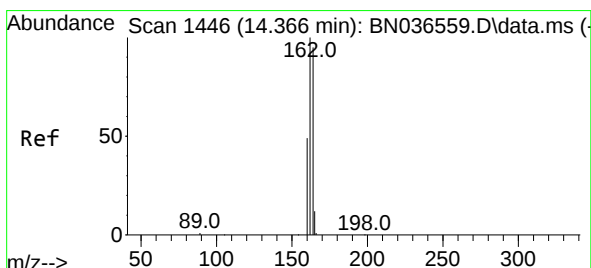
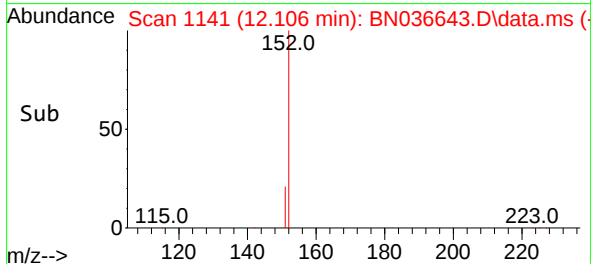
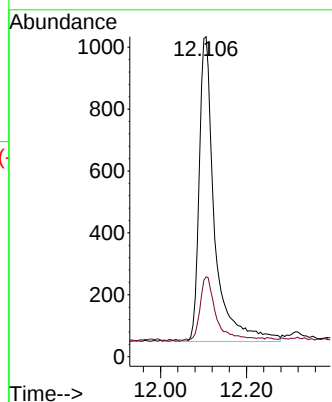
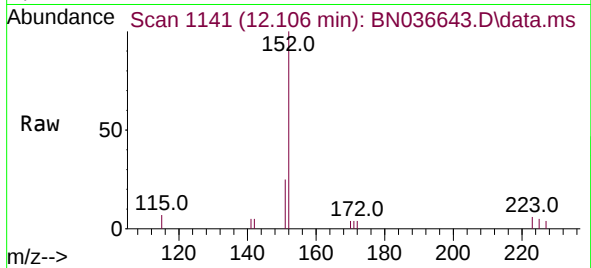




#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.005 min
Lab File: BN036643.D
Acq: 15 Mar 2025 14:36

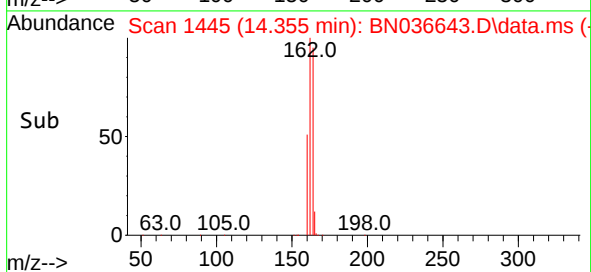
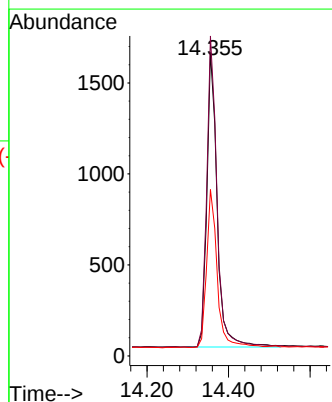
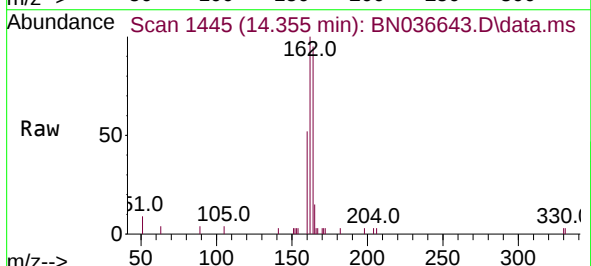
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20250311

Tgt Ion:152 Resp: 2458
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036643.D
Acq: 15 Mar 2025 14:36

Tgt Ion:164 Resp: 2865
Ion Ratio Lower Upper
164 100
162 105.5 84.2 126.2
160 54.8 42.2 63.2

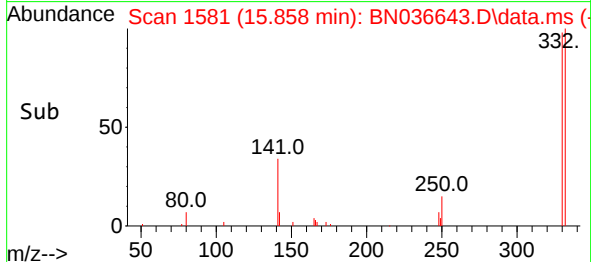
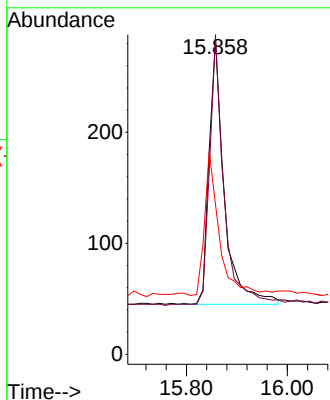
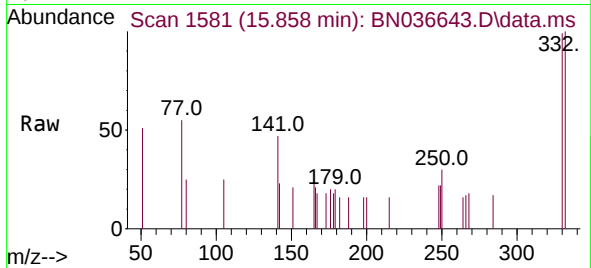




#14
2,4,6-Tribromophenol
Concen: 0.386 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036643.D
Acq: 15 Mar 2025 14:36

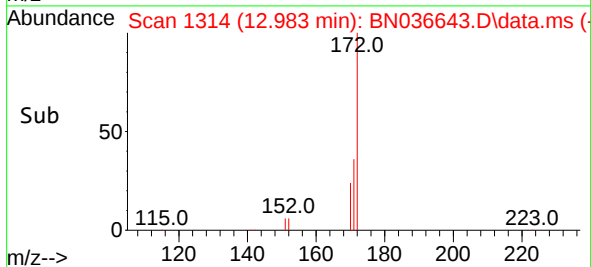
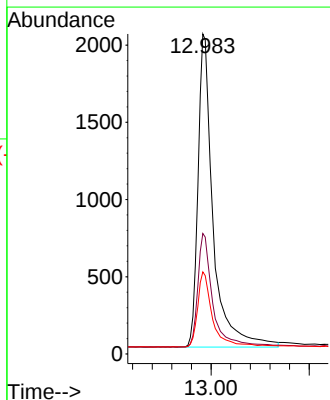
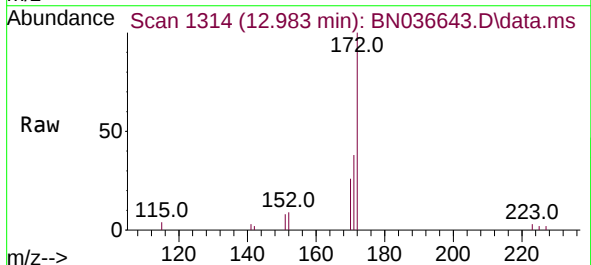
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20250311

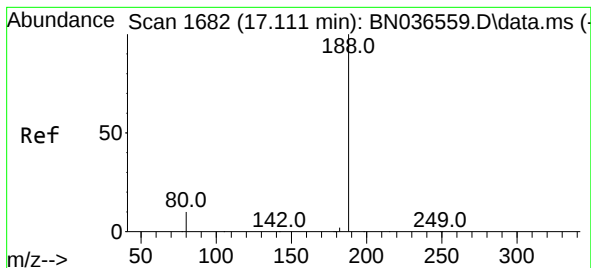
Tgt Ion:	330	Resp:	502
Ion Ratio	Lower	Upper	
330	100		
332	94.8	75.2	112.8
141	52.6	43.4	65.2



#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036643.D
Acq: 15 Mar 2025 14:36

Tgt Ion:	172	Resp:	5783
Ion Ratio	Lower	Upper	
172	100		
171	37.6	29.5	44.3
170	25.7	20.2	30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.099 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN036643.D

Acq: 15 Mar 2025 14:36

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01S-20250311

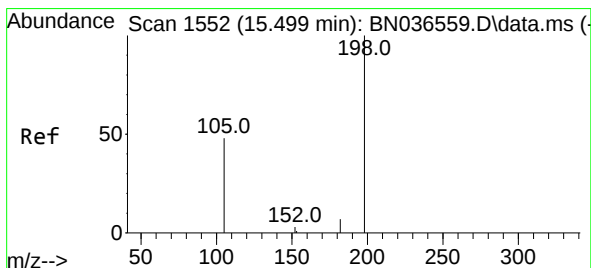
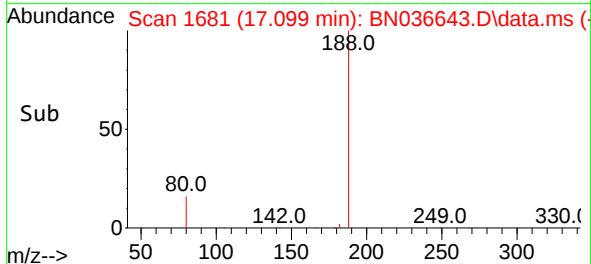
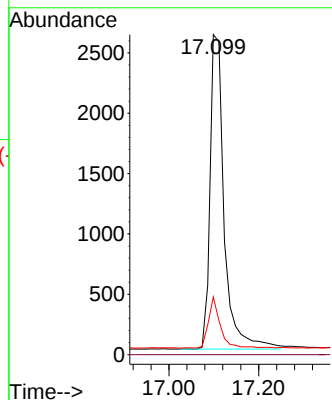
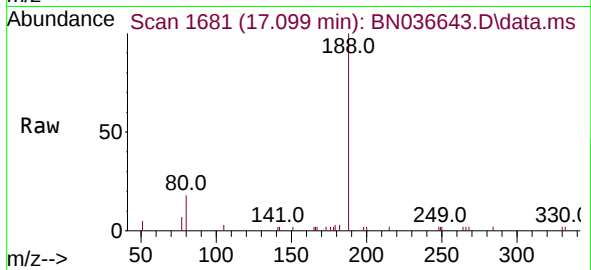
Tgt Ion:188 Resp: 5682

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 18.0 8.8 13.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.150 ng

RT: 15.457 min Scan# 1548

Delta R.T. -0.042 min

Lab File: BN036643.D

Acq: 15 Mar 2025 14:36

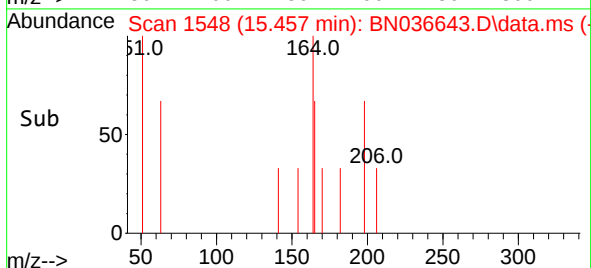
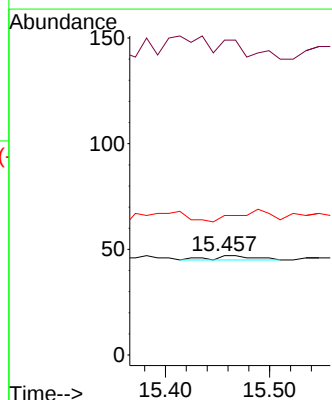
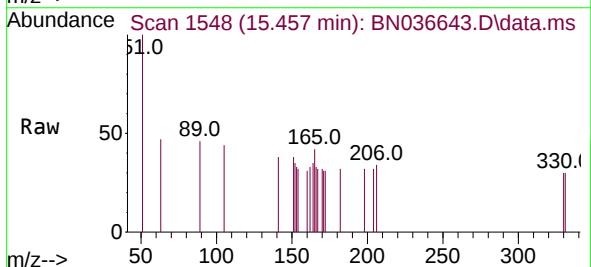
Tgt Ion:198 Resp: 6

Ion Ratio Lower Upper

198 100

51 317.0 107.9 161.9#

105 140.4 56.2 84.2#

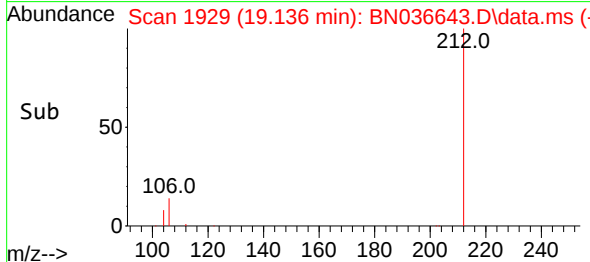
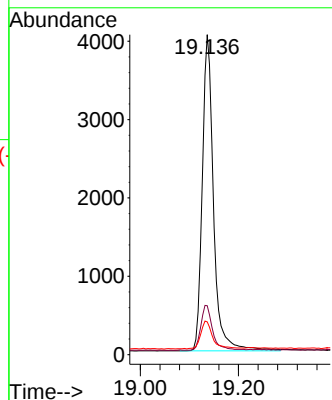
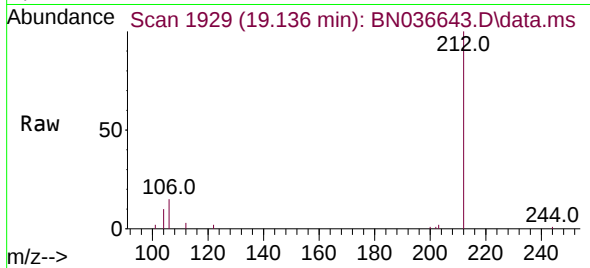




#27
Fluoranthene-d10
Concen: 0.441 ng
RT: 19.136 min Scan# 19
Delta R.T. -0.005 min
Lab File: BN036643.D
Acq: 15 Mar 2025 14:36

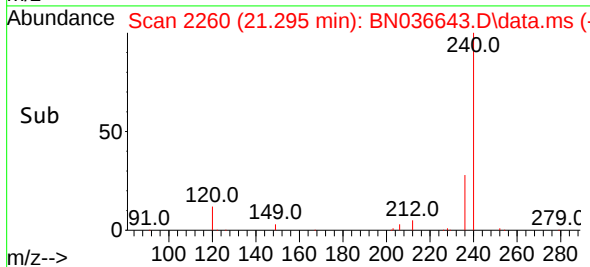
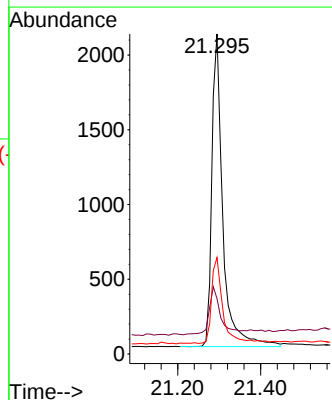
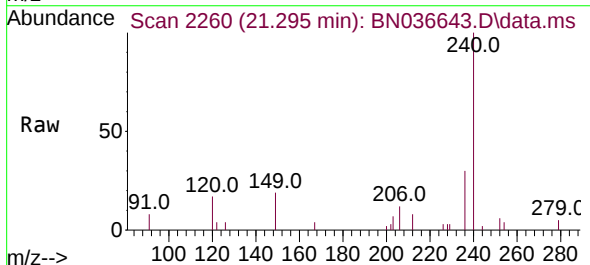
Instrument :
BNA_N
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Tgt Ion:212 Resp: 6428
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.6
104 9.6 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BN036643.D
Acq: 15 Mar 2025 14:36

Tgt Ion:240 Resp: 3838
Ion Ratio Lower Upper
240 100
120 17.3 14.6 22.0
236 30.2 24.1 36.1

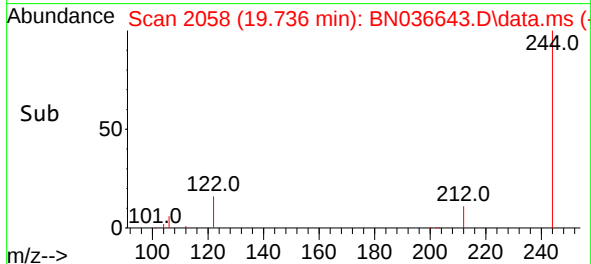
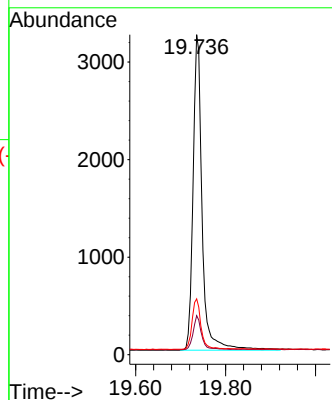
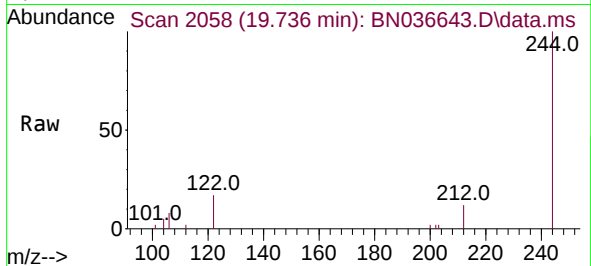




#31
Terphenyl-d14
Concen: 0.494 ng
RT: 19.736 min Scan# 2060
Delta R.T. -0.009 min
Lab File: BN036643.D
Acq: 15 Mar 2025 14:36

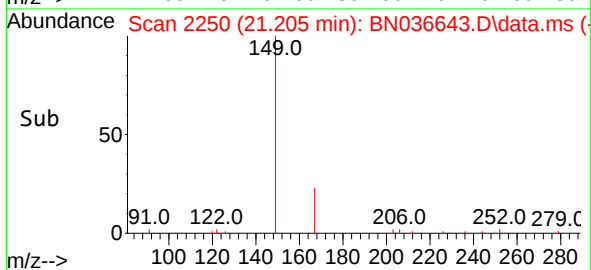
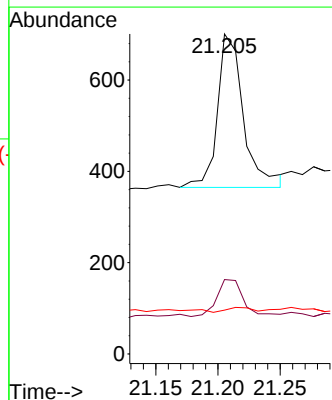
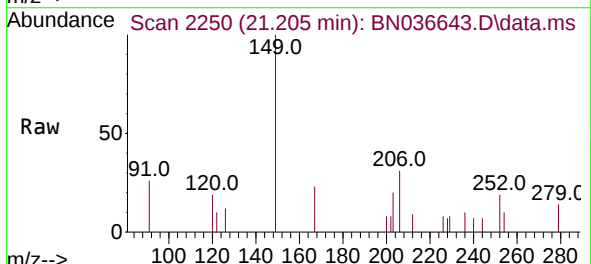
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01S-20250311

Tgt Ion:244 Resp: 4547
Ion Ratio Lower Upper
244 100
212 12.2 9.6 14.4
122 17.5 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.052 ng
RT: 21.205 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN036643.D
Acq: 15 Mar 2025 14:36

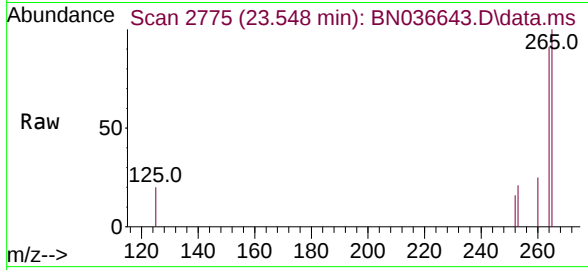
Tgt Ion:149 Resp: 491
Ion Ratio Lower Upper
149 100
167 23.0 20.7 31.1
279 3.3 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.548 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN036643.D
 Acq: 15 Mar 2025 14:36

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01S-20250311



Tgt Ion:264 Resp: 3126

Ion	Ratio	Lower	Upper
264	100		
260	27.6	22.6	33.8
265	110.3	88.1	132.1

