

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036644.D
 Acq On : 15 Mar 2025 15:12
 Operator : RC/JU
 Sample : Q1559-15
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01I-20250311

Quant Time: Mar 17 00:36:36 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)

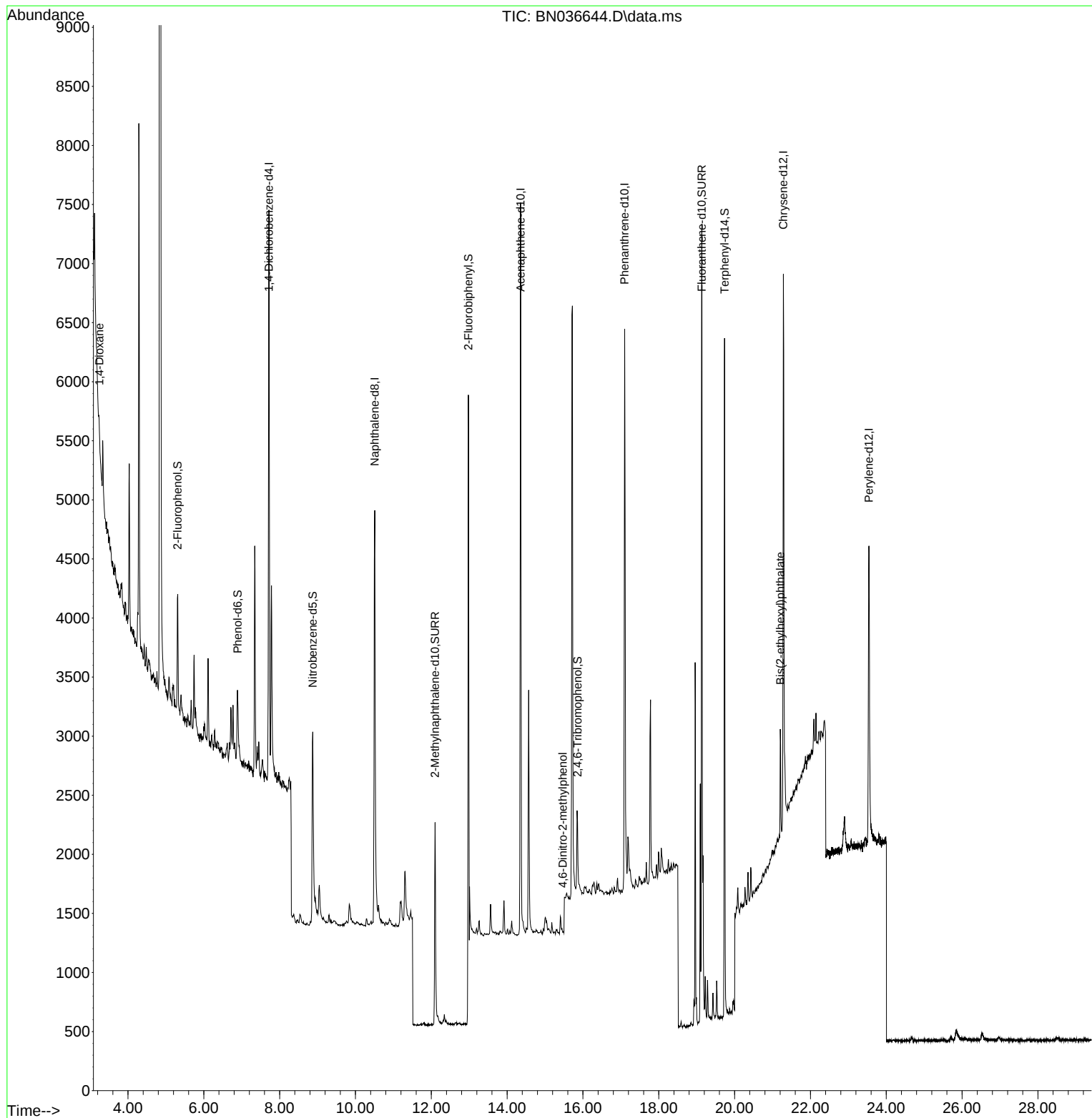
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2343	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5588	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	3367	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	6923	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	4981	0.400	ng	0.00
35) Perylene-d12	23.540	264	3956	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	714	0.131	ng	0.00
5) Phenol-d6	6.894	99	500	0.074	ng	0.00
8) Nitrobenzene-d5	8.875	82	1856	0.305	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2763	0.332	ng	-0.01
14) 2,4,6-Tribromophenol	15.858	330	464	0.304	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	7427	0.379	ng	-0.01
27) Fluoranthene-d10	19.136	212	7857	0.443	ng	0.00
31) Terphenyl-d14	19.736	244	5662	0.474	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	84	0.032	ng	# 15
20) 4,6-Dinitro-2-methylph...	15.467	198	4	0.148	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	986	0.080	ng	# 95

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

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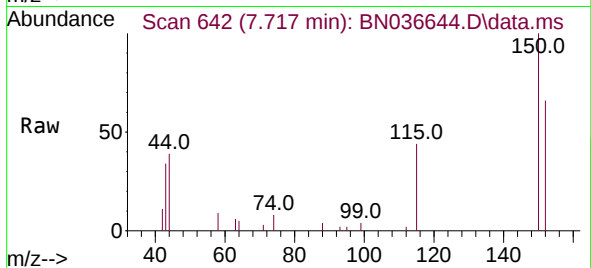
Quant Time: Mar 17 00:36:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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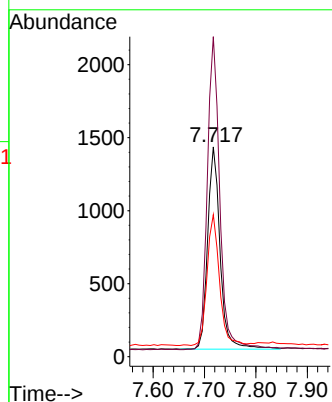
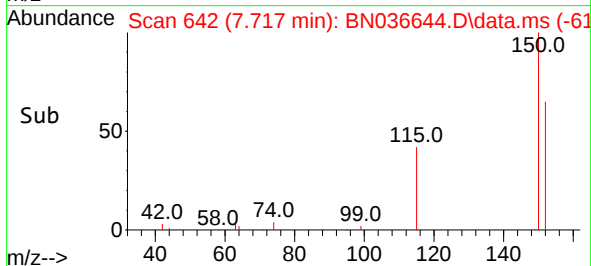


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN036644.D
 Acq: 15 Mar 2025 15:12

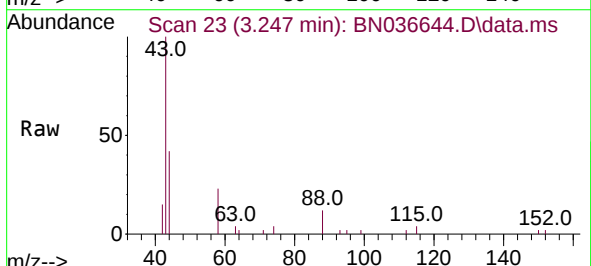
Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01I-20250311



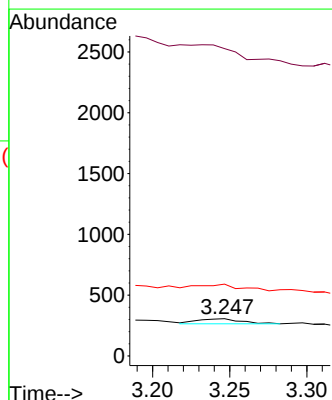
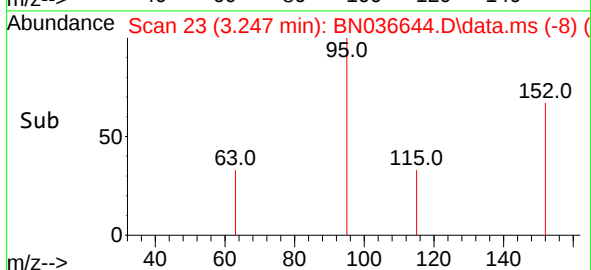
Tgt Ion:152 Resp: 2343
 Ion Ratio Lower Upper
 152 100
 150 152.5 123.7 185.5
 115 67.6 54.3 81.5

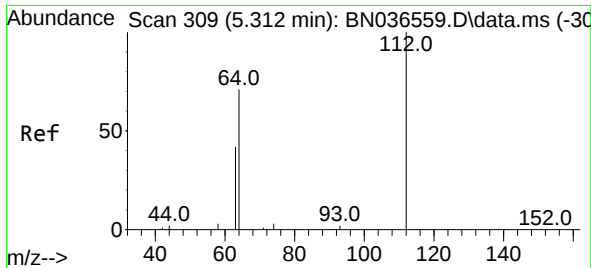


#2
 1,4-Dioxane
 Concen: 0.032 ng
 RT: 3.247 min Scan# 23
 Delta R.T. 0.008 min
 Lab File: BN036644.D
 Acq: 15 Mar 2025 15:12



Tgt Ion: 88 Resp: 84
 Ion Ratio Lower Upper
 88 100
 43 0.0 37.8 56.8#
 58 0.0 67.4 101.2#





#4

2-Fluorophenol

Concen: 0.131 ng

RT: 5.312 min Scan# 309

Delta R.T. 0.000 min

Lab File: BN036644.D

Acq: 15 Mar 2025 15:12

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01-20250311

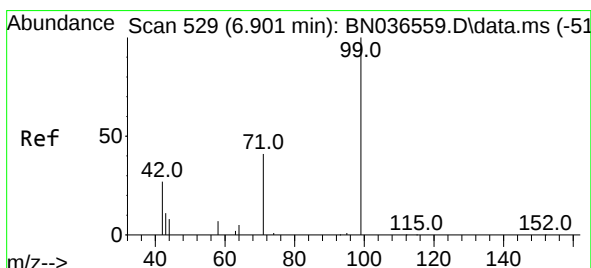
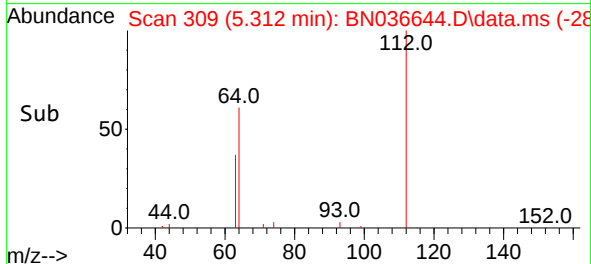
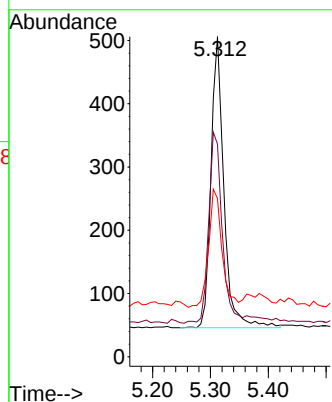
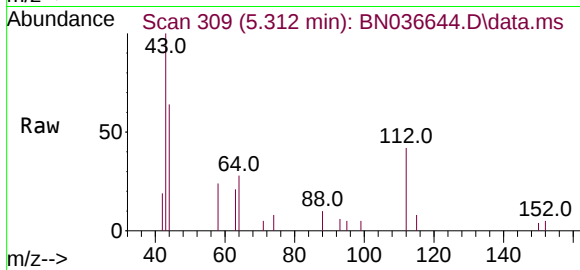
Tgt Ion:112 Resp: 714

Ion Ratio Lower Upper

112 100

64 68.2 53.1 79.7

63 42.3 31.8 47.8



#5

Phenol-d6

Concen: 0.074 ng

RT: 6.894 min Scan# 528

Delta R.T. -0.007 min

Lab File: BN036644.D

Acq: 15 Mar 2025 15:12

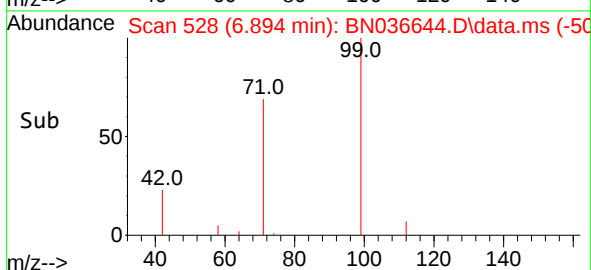
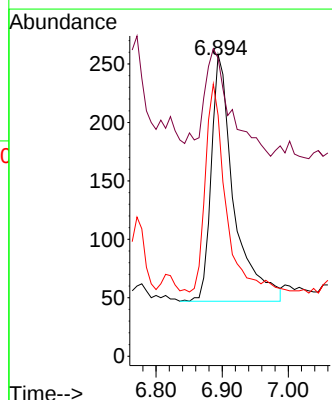
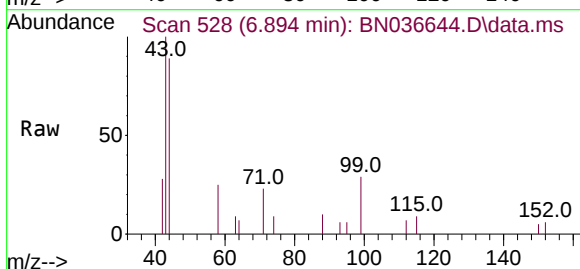
Tgt Ion: 99 Resp: 500

Ion Ratio Lower Upper

99 100

42 52.0 26.5 39.7#

71 76.0 34.1 51.1#

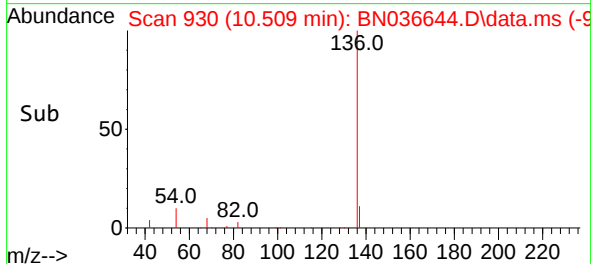
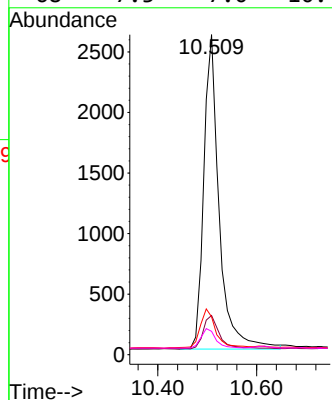
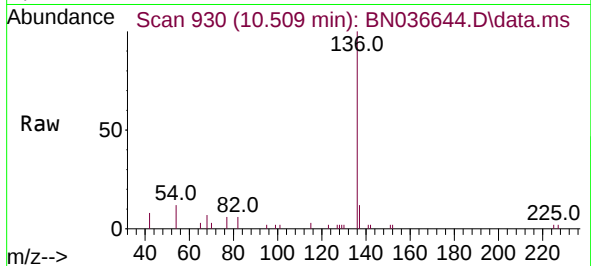




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN036644.D
Acq: 15 Mar 2025 15:12

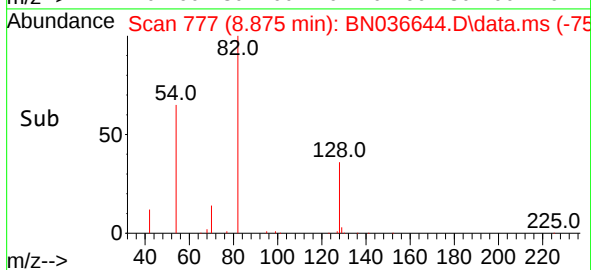
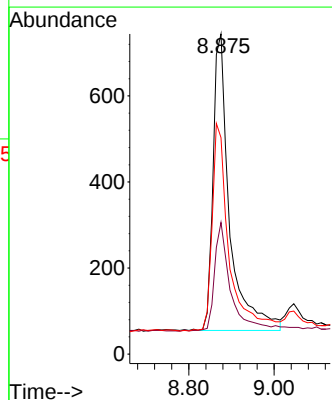
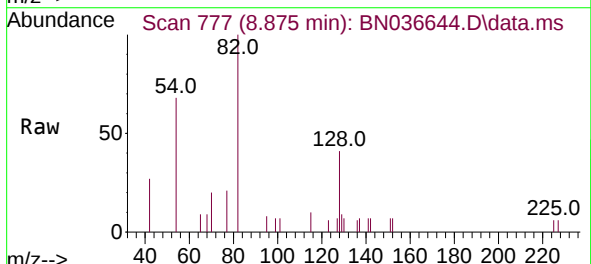
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01-20250311

Tgt Ion:	136	Resp:	5588
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.3	15.5
54	11.8	11.5	17.3
68	7.3	7.0	10.4



#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036644.D
Acq: 15 Mar 2025 15:12

Tgt Ion:	82	Resp:	1856
Ion	Ratio	Lower	Upper
82	100		
128	41.1	30.6	45.8
54	67.6	52.2	78.4

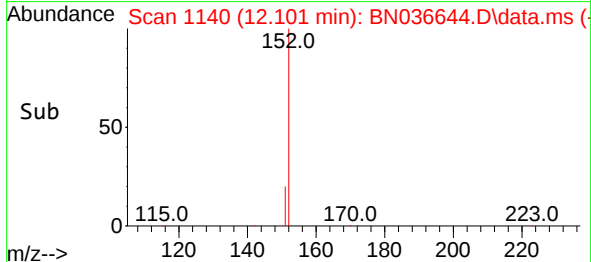
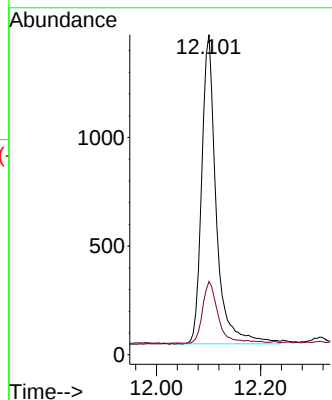
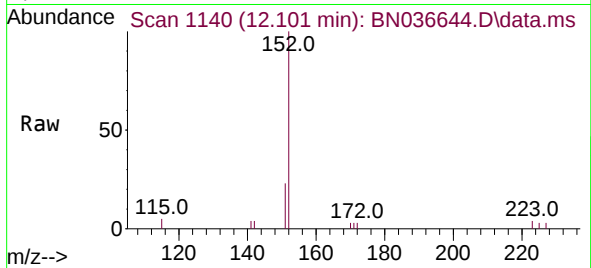




#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.101 min Scan# 1142
Delta R.T. -0.010 min
Lab File: BN036644.D
Acq: 15 Mar 2025 15:12

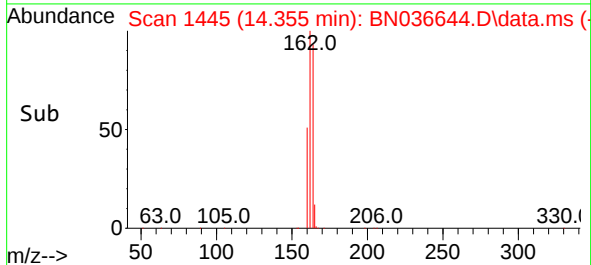
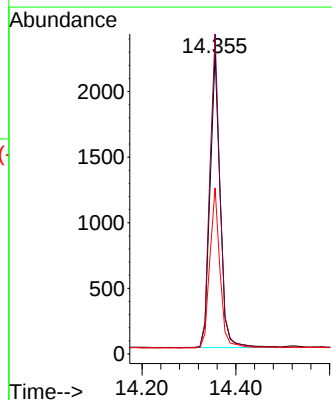
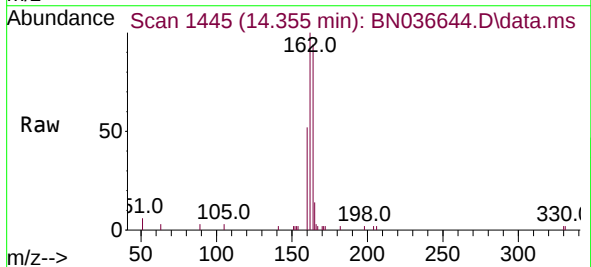
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20250311

Tgt Ion:152 Resp: 2763
Ion Ratio Lower Upper
152 100
151 21.5 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: BN036644.D
Acq: 15 Mar 2025 15:12

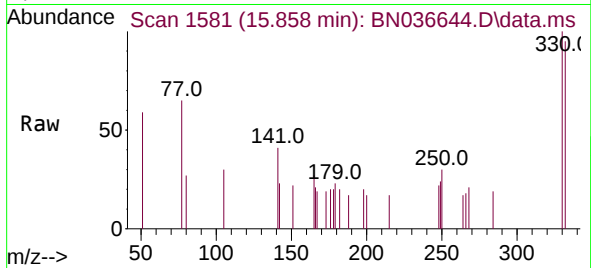
Tgt Ion:164 Resp: 3367
Ion Ratio Lower Upper
164 100
162 106.6 84.2 126.2
160 55.3 42.2 63.2



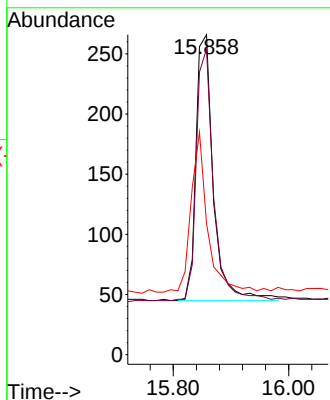
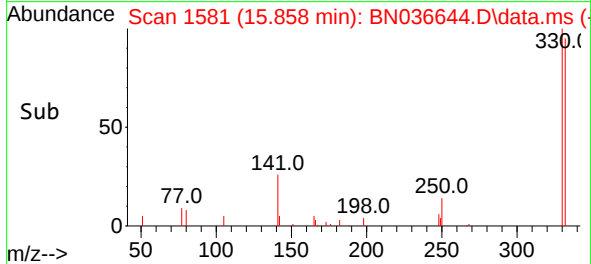


#14
2,4,6-Tribromophenol
Concen: 0.304 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036644.D
Acq: 15 Mar 2025 15:12

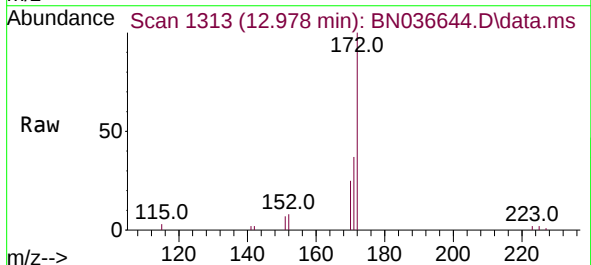
Instrument :
BNA_N
ClientSampleId :
RW10A-MW01-20250311



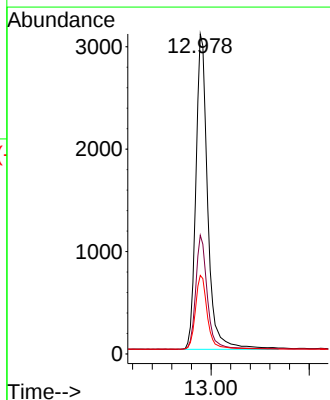
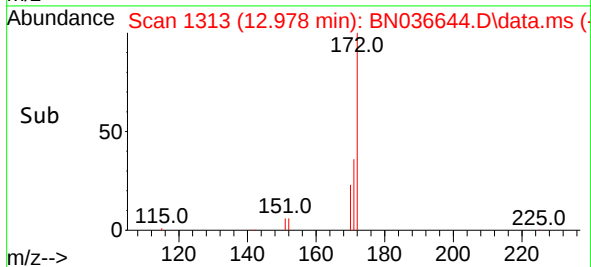
Tgt Ion:330 Resp: 464
Ion Ratio Lower Upper
330 100
332 93.8 75.2 112.8
141 56.5 43.4 65.2

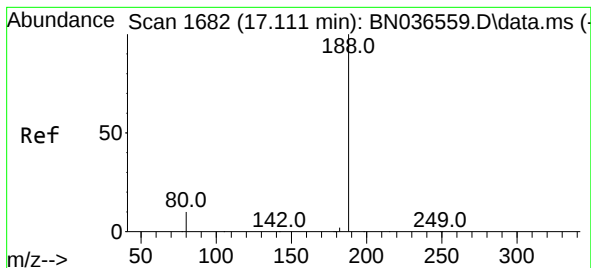


#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN036644.D
Acq: 15 Mar 2025 15:12



Tgt Ion:172 Resp: 7427
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 24.5 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: BN036644.D

Acq: 15 Mar 2025 15:12

Instrument :

BNA_N

ClientSampleId :

RW10A-MW01I-20250311

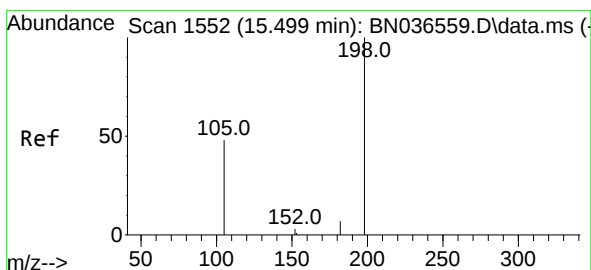
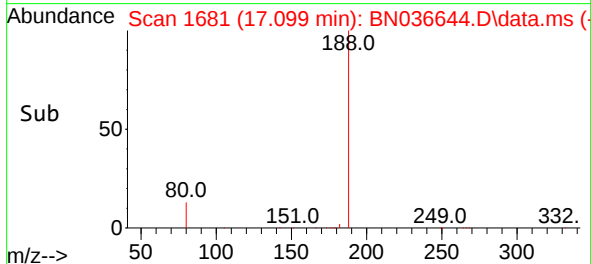
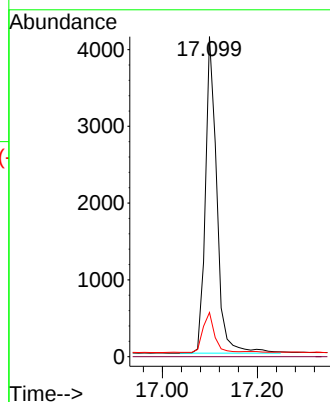
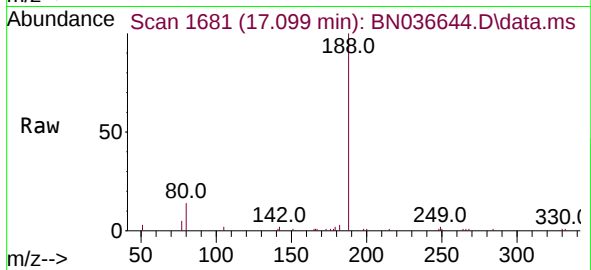
Tgt Ion:188 Resp: 6923

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.8 8.8 13.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.148 ng

RT: 15.467 min Scan# 1549

Delta R.T. -0.032 min

Lab File: BN036644.D

Acq: 15 Mar 2025 15:12

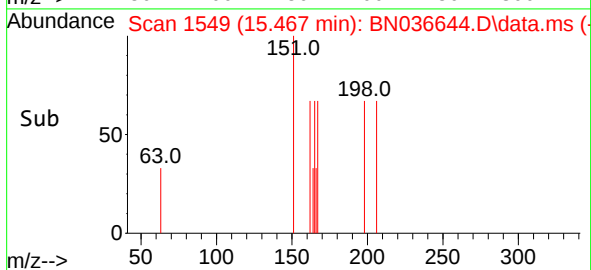
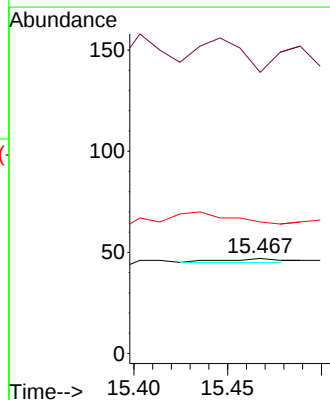
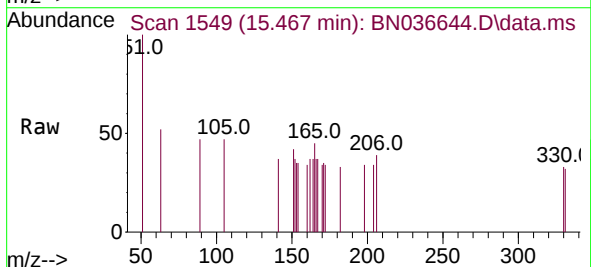
Tgt Ion:198 Resp: 4

Ion Ratio Lower Upper

198 100

51 295.7 107.9 161.9#

105 138.3 56.2 84.2#

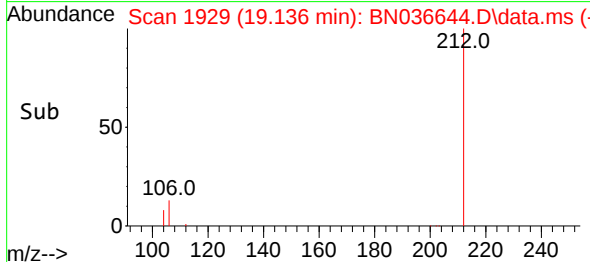
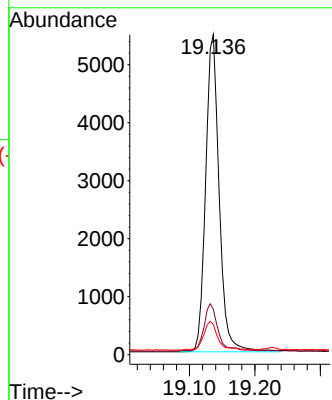
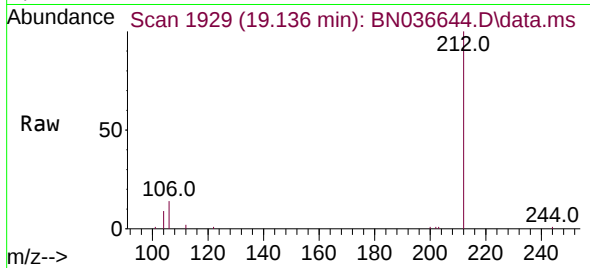




#27
Fluoranthene-d10
Concen: 0.443 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036644.D
Acq: 15 Mar 2025 15:12

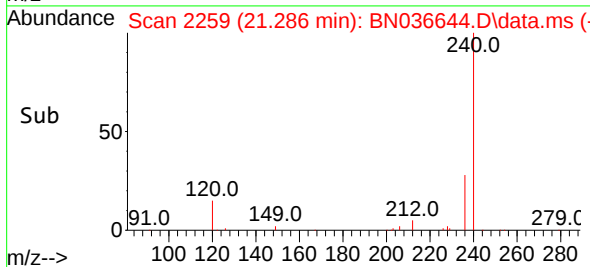
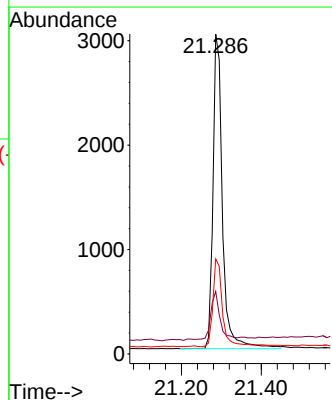
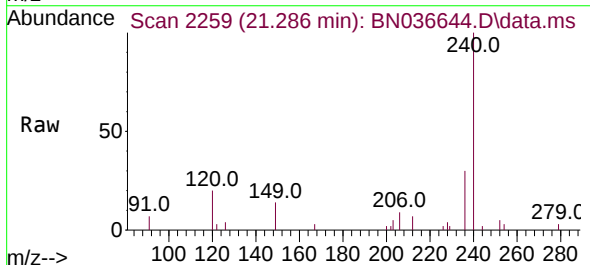
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Tgt Ion:212 Resp: 7857
Ion Ratio Lower Upper
212 100
106 15.7 11.8 17.6
104 9.8 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2259
Delta R.T. -0.009 min
Lab File: BN036644.D
Acq: 15 Mar 2025 15:12

Tgt Ion:240 Resp: 4981
Ion Ratio Lower Upper
240 100
120 19.5 14.6 22.0
236 29.7 24.1 36.1

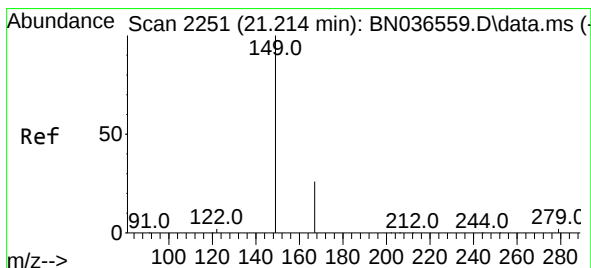
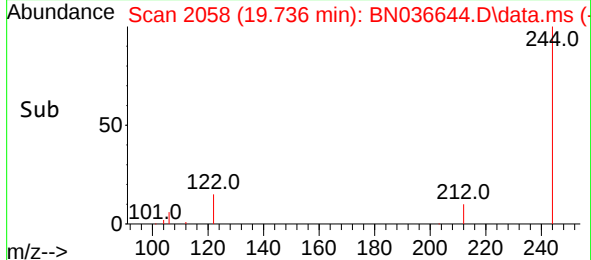
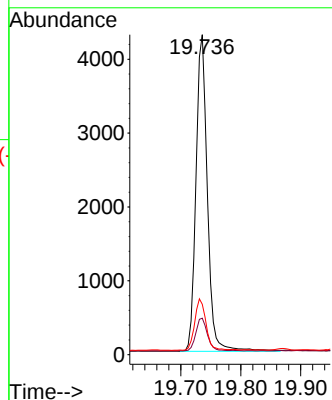
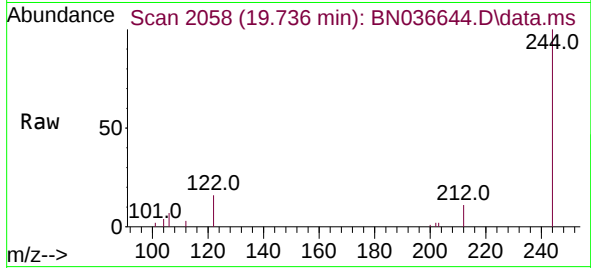




#31
 Terphenyl-d14
 Concen: 0.474 ng
 RT: 19.736 min Scan# 2060
 Delta R.T. -0.009 min
 Lab File: BN036644.D
 Acq: 15 Mar 2025 15:12

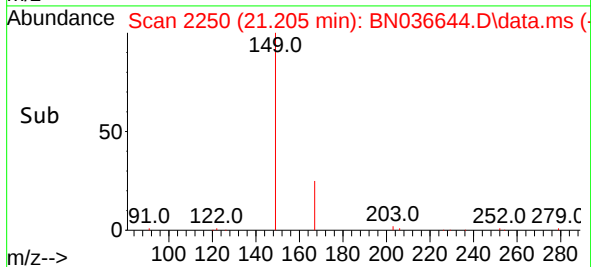
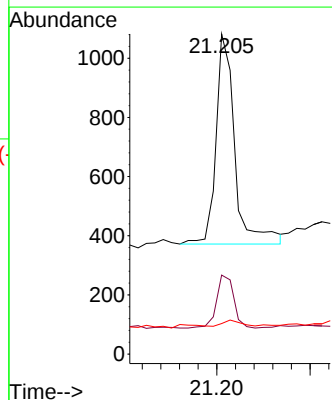
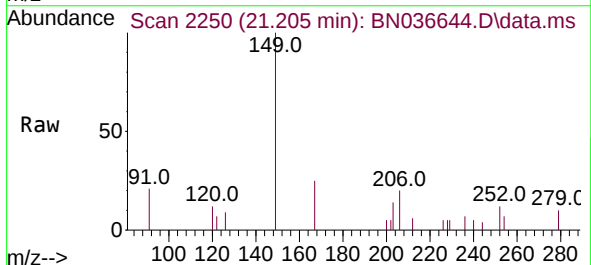
Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01I-20250311

Tgt Ion:244 Resp: 5662
 Ion Ratio Lower Upper
 244 100
 212 11.4 9.6 14.4
 122 15.8 13.9 20.9



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 21.205 min Scan# 2250
 Delta R.T. -0.009 min
 Lab File: BN036644.D
 Acq: 15 Mar 2025 15:12

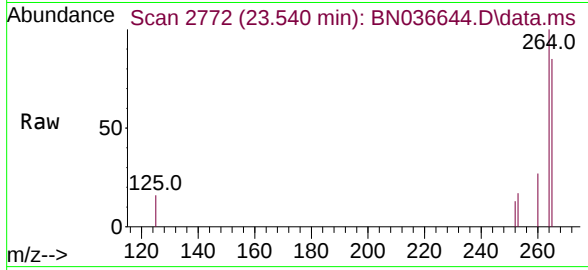
Tgt Ion:149 Resp: 986
 Ion Ratio Lower Upper
 149 100
 167 23.1 20.7 31.1
 279 2.9 3.6 5.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.540 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BN036644.D
 Acq: 15 Mar 2025 15:12

Instrument :
 BNA_N
 ClientSampleId :
 RW10A-MW01I-20250311



Tgt Ion:264 Resp: 3956

Ion	Ratio	Lower	Upper
264	100		
260	27.3	22.6	33.8
265	85.0	88.1	132.1#

