

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036762.D
 Acq On : 28 Mar 2025 06:46
 Operator : RC/JU
 Sample : Q1608-24
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20250319

Quant Time: Mar 28 07:10:58 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)

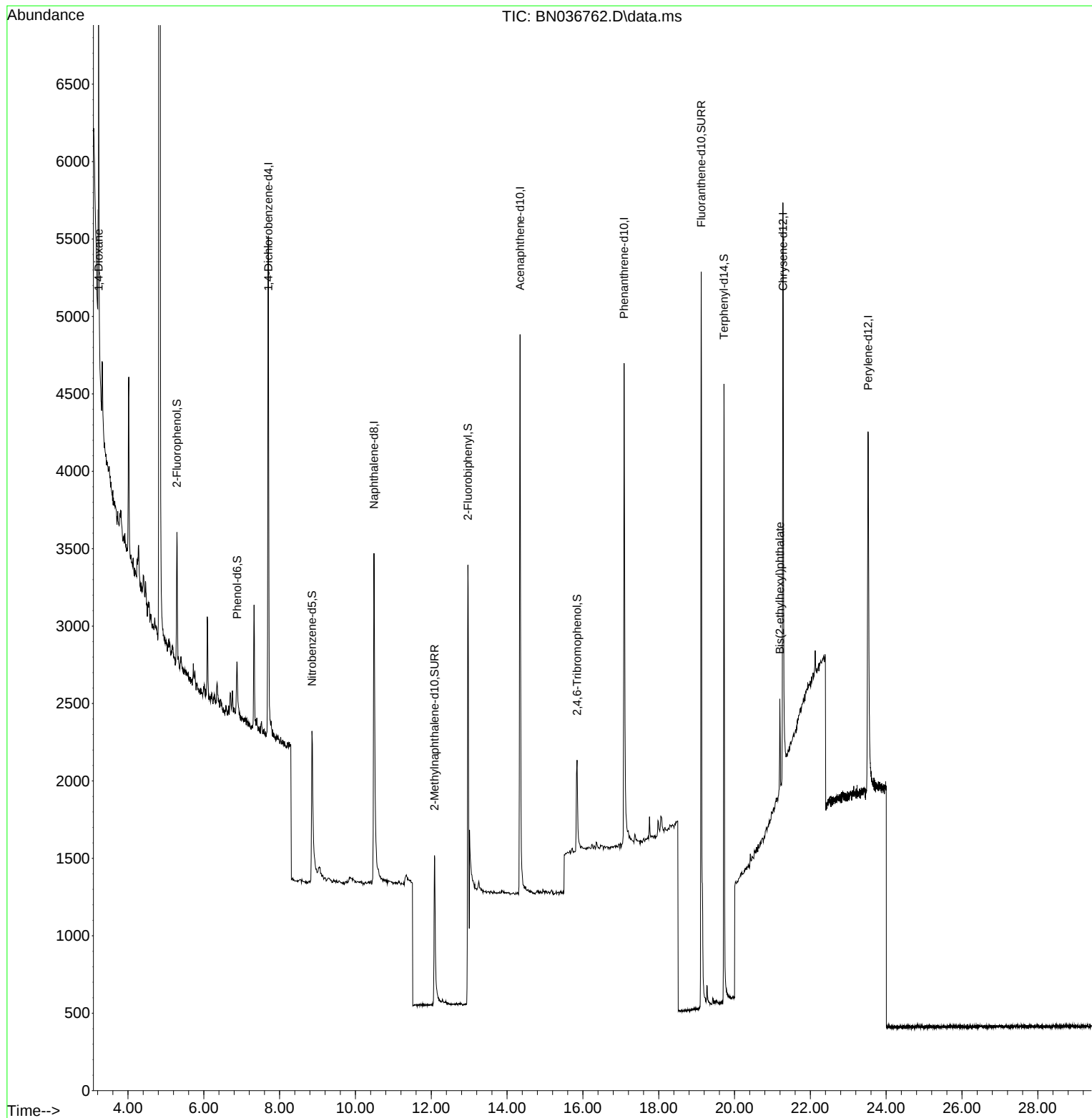
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1717	0.400	ng	-0.02
7) Naphthalene-d8	10.487	136	3891	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2454	0.400	ng	-0.02
19) Phenanthrene-d10	17.086	188	5265	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4302	0.400	ng	-0.02
35) Perylene-d12	23.525	264	3816	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	642	0.160	ng	-0.02
5) Phenol-d6	6.879	99	403	0.082	ng	-0.02
8) Nitrobenzene-d5	8.854	82	1314	0.310	ng	-0.02
11) 2-Methylnaphthalene-d10	12.085	152	2013	0.348	ng	-0.03
14) 2,4,6-Tribromophenol	15.845	330	475	0.427	ng	-0.01
15) 2-Fluorobiphenyl	12.968	172	4668	0.327	ng	-0.02
27) Fluoranthene-d10	19.122	212	5984	0.443	ng	-0.02
31) Terphenyl-d14	19.722	244	4153	0.403	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	1418	0.744	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.196	149	610	0.057	ng	# 96

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

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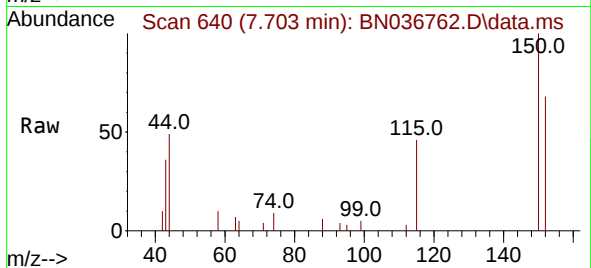
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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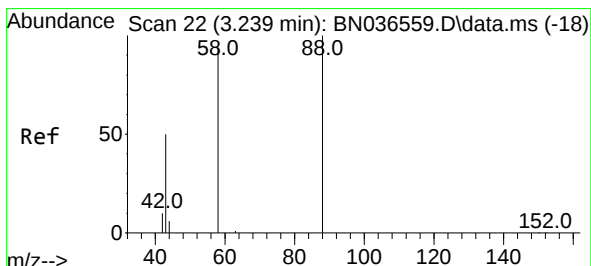
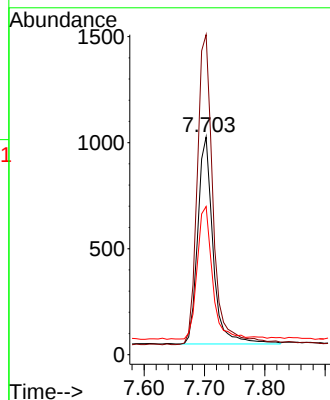
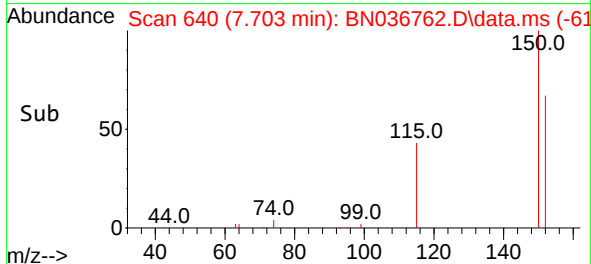


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036762.D
 Acq: 28 Mar 2025 06:46

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20250319

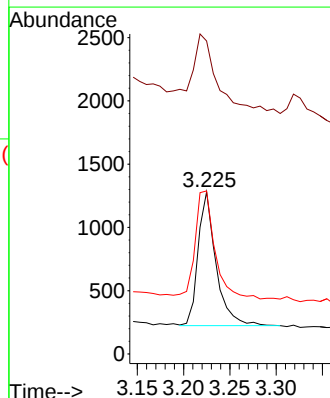
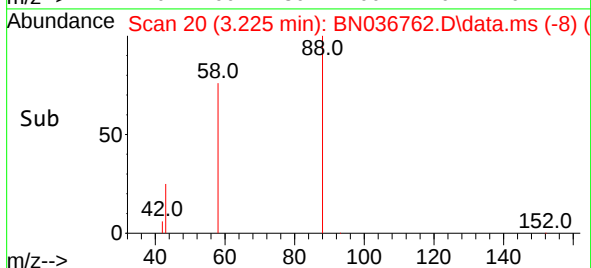
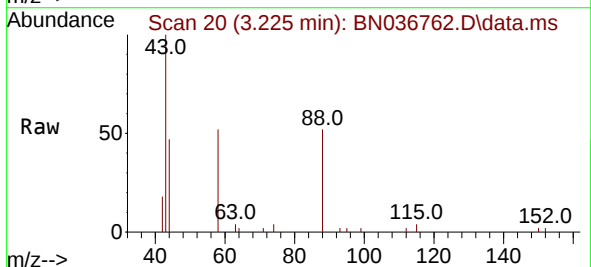


Tgt Ion:152 Resp: 1717
 Ion Ratio Lower Upper
 152 100
 150 146.9 123.7 185.5
 115 68.1 54.3 81.5



#2
 1,4-Dioxane
 Concen: 0.744 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036762.D
 Acq: 28 Mar 2025 06:46

Tgt Ion: 88 Resp: 1418
 Ion Ratio Lower Upper
 88 100
 43 89.7 37.8 56.8#
 58 88.5 67.4 101.2

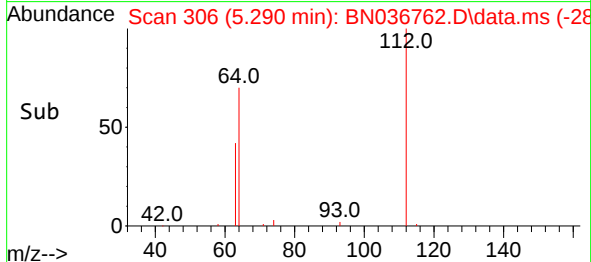
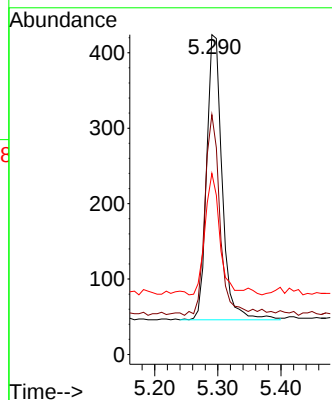
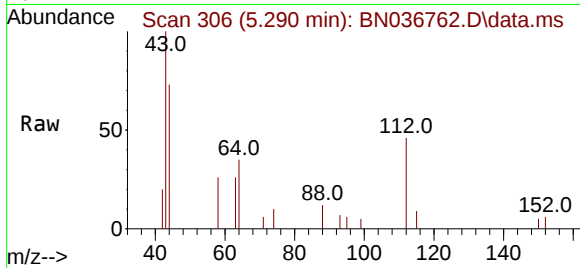




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.290 min Scan# 309
Delta R.T. -0.022 min
Lab File: BN036762.D
Acq: 28 Mar 2025 06:46

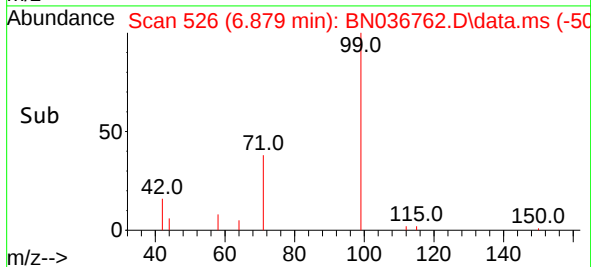
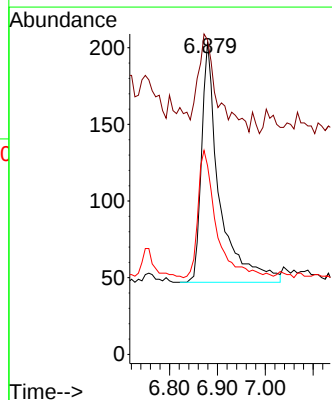
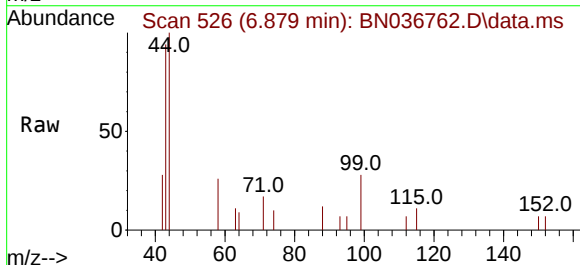
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20250319

Tgt Ion:112 Resp: 642
Ion Ratio Lower Upper
112 100
64 68.1 53.1 79.7
63 40.2 31.8 47.8



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.022 min
Lab File: BN036762.D
Acq: 28 Mar 2025 06:46

Tgt Ion: 99 Resp: 403
Ion Ratio Lower Upper
99 100
42 43.4 26.5 39.7#
71 55.1 34.1 51.1#

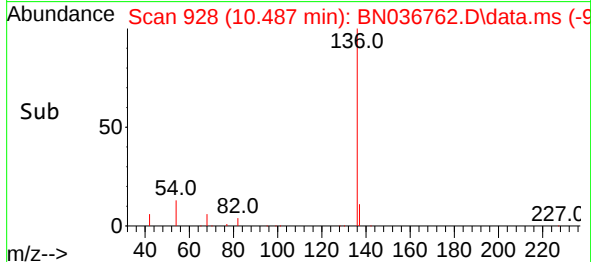
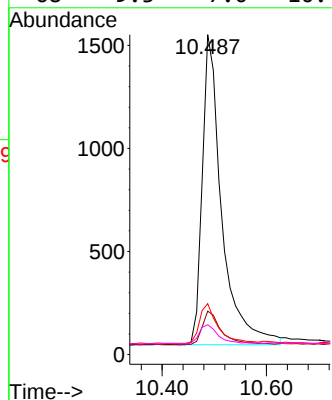
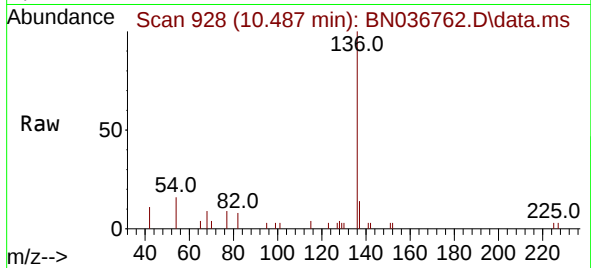




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036762.D
Acq: 28 Mar 2025 06:46

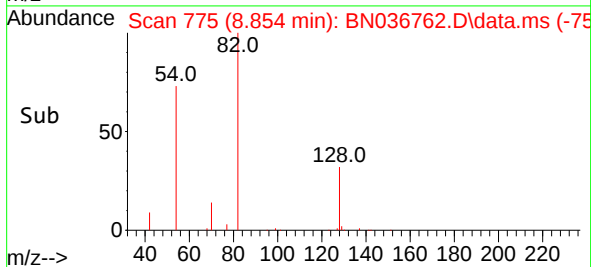
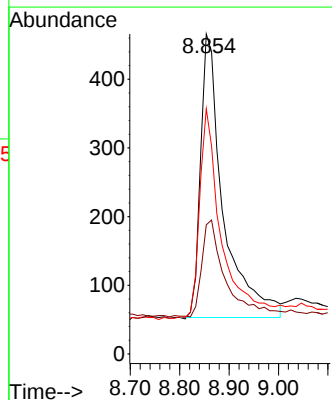
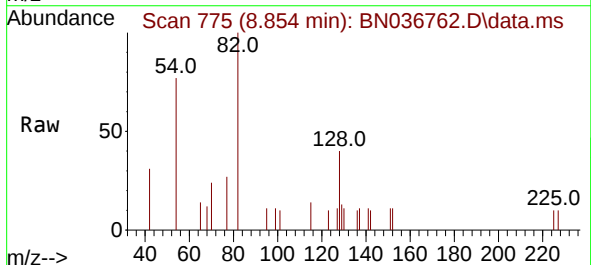
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20250319

Tgt Ion:136	Resp:	3891
Ion Ratio	Lower	Upper
136	100	
137	13.6	10.3 15.5
54	15.9	11.5 17.3
68	9.3	7.0 10.4



#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036762.D
Acq: 28 Mar 2025 06:46

Tgt Ion: 82	Resp:	1314
Ion Ratio	Lower	Upper
82	100	
128	40.3	30.6 45.8
54	76.6	52.2 78.4

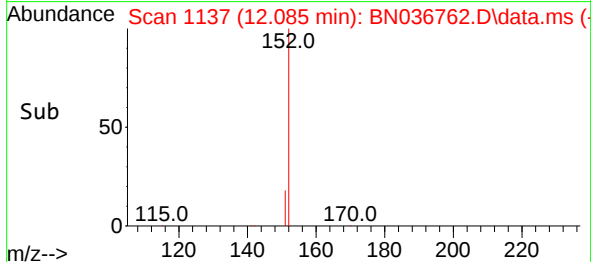
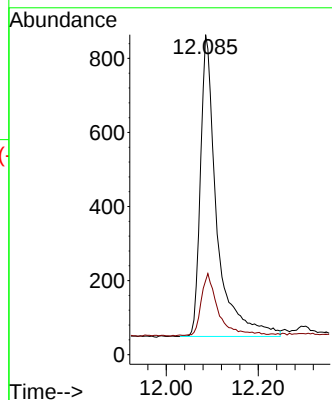
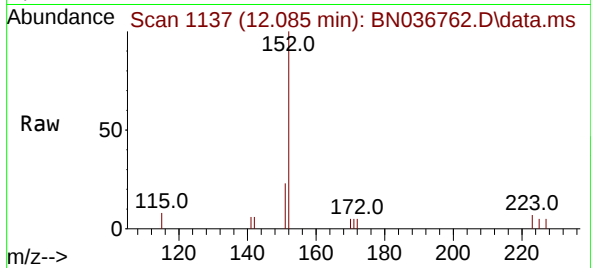




#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.085 min Scan# 1142
Delta R.T. -0.025 min
Lab File: BN036762.D
Acq: 28 Mar 2025 06:46

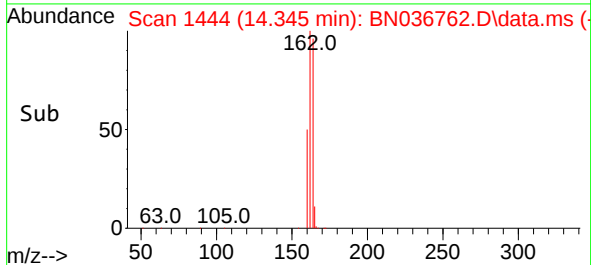
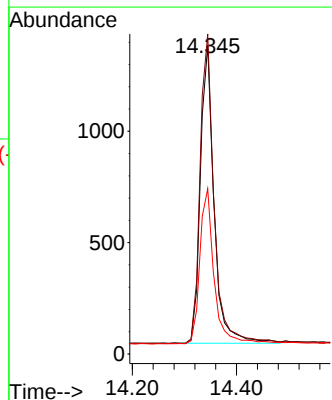
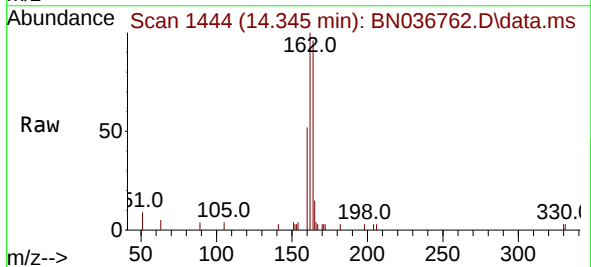
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20250319

Tgt Ion:152 Resp: 2013
Ion Ratio Lower Upper
152 100
151 21.0 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: BN036762.D
Acq: 28 Mar 2025 06:46

Tgt Ion:164 Resp: 2454
Ion Ratio Lower Upper
164 100
162 103.8 84.2 126.2
160 53.6 42.2 63.2

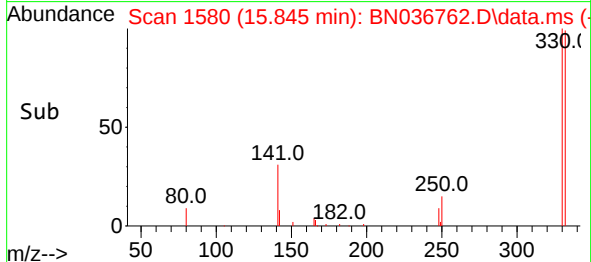
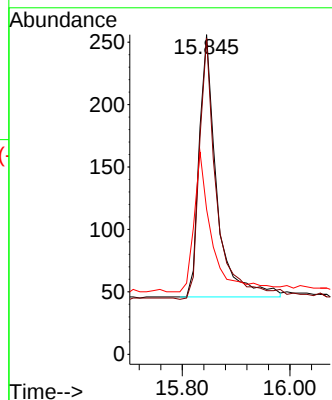
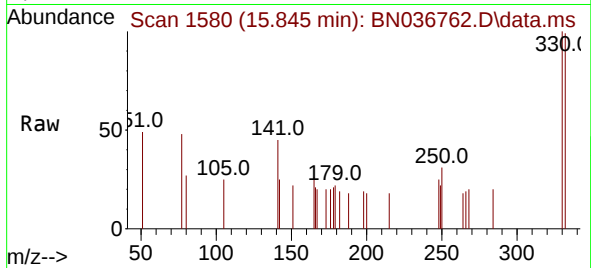




#14
2,4,6-Tribromophenol
Concen: 0.427 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036762.D
Acq: 28 Mar 2025 06:46

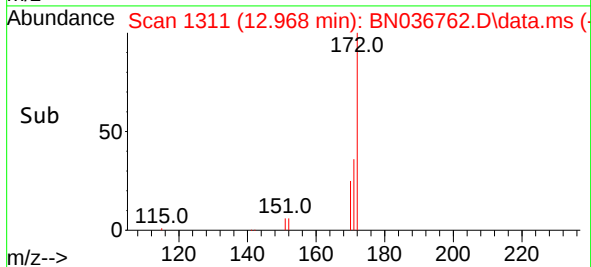
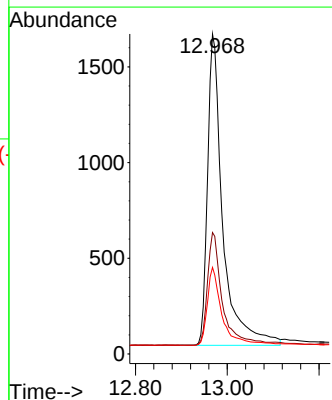
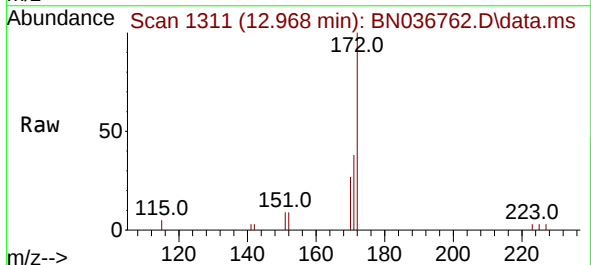
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20250319

Tgt Ion:330 Resp: 475
Ion Ratio Lower Upper
330 100
332 98.9 75.2 112.8
141 54.1 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.020 min
Lab File: BN036762.D
Acq: 28 Mar 2025 06:46

Tgt Ion:172 Resp: 4668
Ion Ratio Lower Upper
172 100
171 38.0 29.5 44.3
170 27.0 20.2 30.4

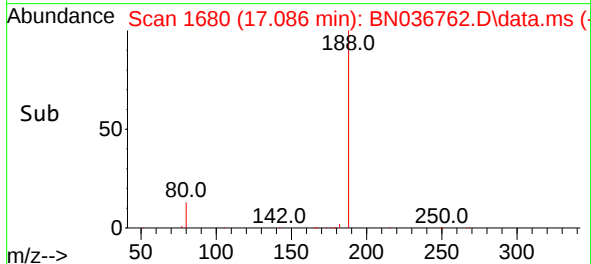
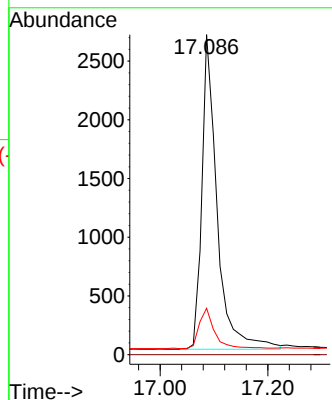
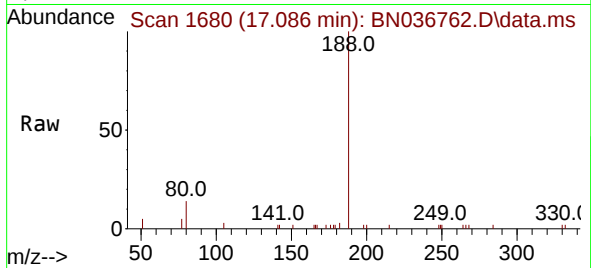




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036762.D
Acq: 28 Mar 2025 06:46

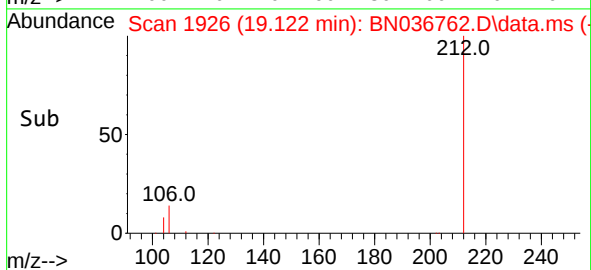
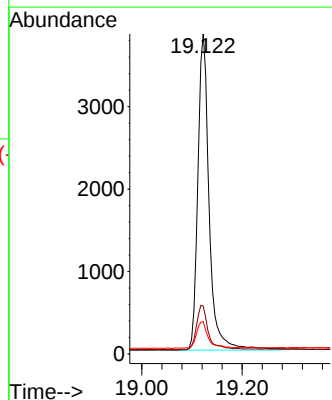
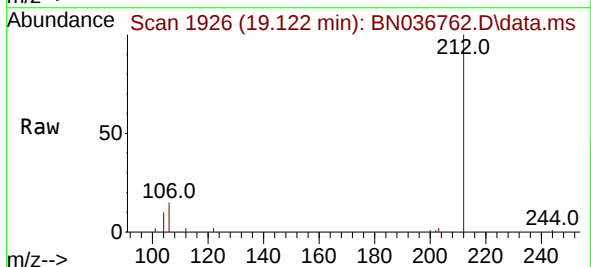
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20250319

Tgt Ion:188 Resp: 5265
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 8.8 13.2#



#27
Fluoranthene-d10
Concen: 0.443 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.019 min
Lab File: BN036762.D
Acq: 28 Mar 2025 06:46

Tgt Ion:212 Resp: 5984
Ion Ratio Lower Upper
212 100
106 14.5 11.8 17.6
104 8.6 7.3 10.9

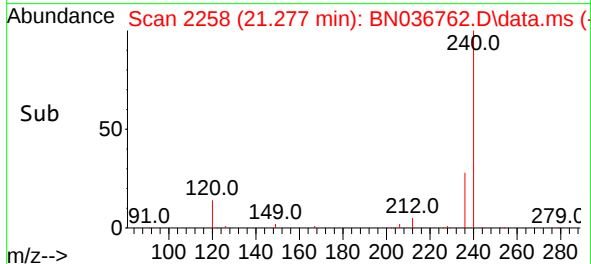
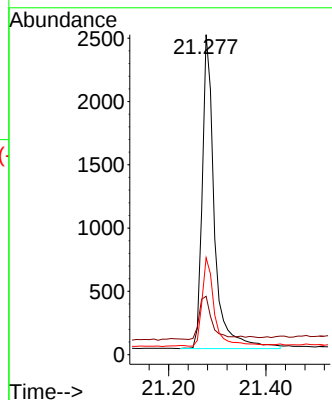
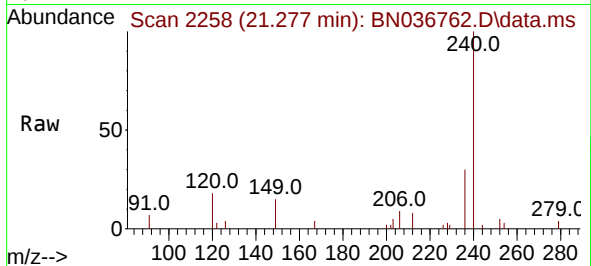




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036762.D
Acq: 28 Mar 2025 06:46

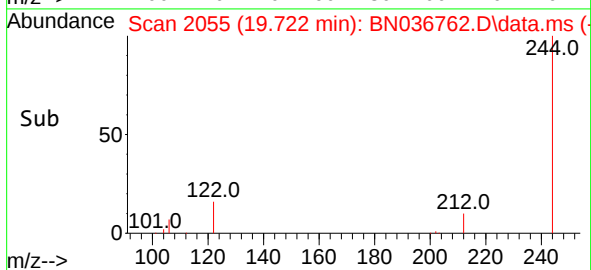
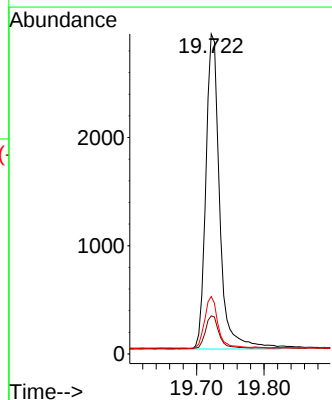
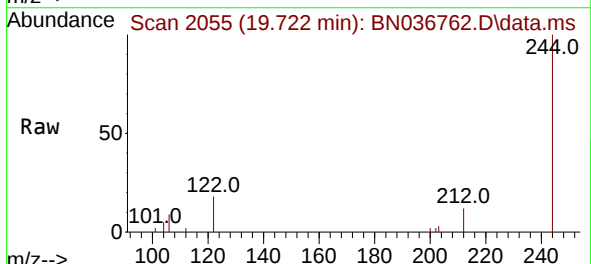
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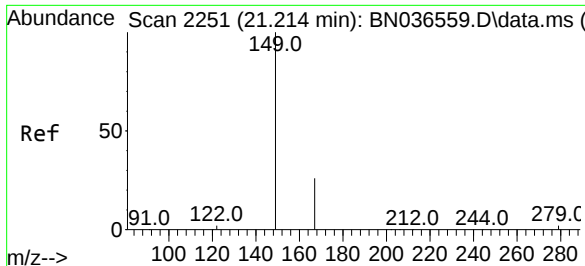
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Ion Ratio Lower Upper
240 100
120 18.2 14.6 22.0
236 30.3 24.1 36.1



#31
Terphenyl-d14
Concen: 0.403 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036762.D
Acq: 28 Mar 2025 06:46

Tgt Ion:244 Resp: 4153
Ion Ratio Lower Upper
244 100
212 11.9 9.6 14.4
122 17.9 13.9 20.9

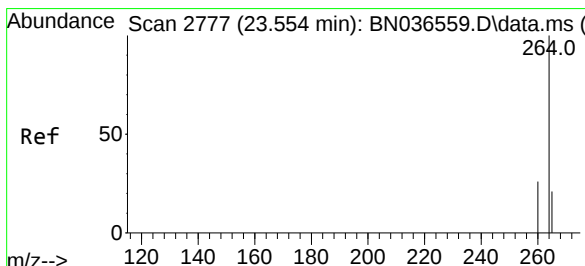
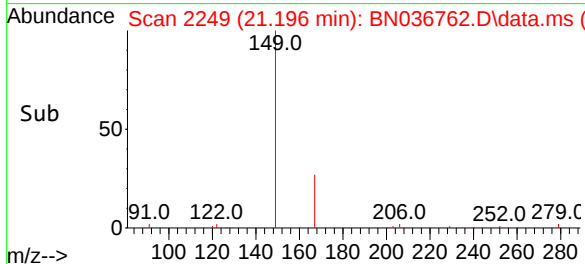
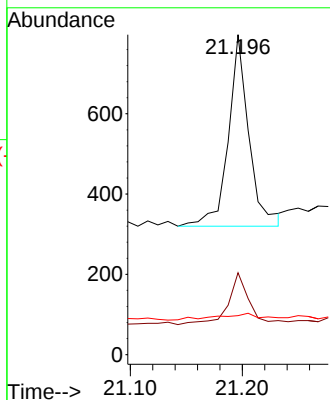
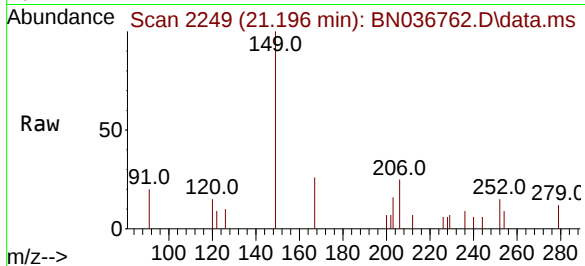




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.057 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036762.D
 Acq: 28 Mar 2025 06:46

Instrument :
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 RW8-MW01S-20250319

Tgt Ion:149 Resp: 610
 Ion Ratio Lower Upper
 149 100
 167 27.9 20.7 31.1
 279 6.6 3.6 5.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.525 min Scan# 2767
 Delta R.T. -0.029 min
 Lab File: BN036762.D
 Acq: 28 Mar 2025 06:46

Tgt Ion:264 Resp: 3816
 Ion Ratio Lower Upper
 264 100
 260 27.4 22.6 33.8
 265 83.6 88.1 132.1#

