

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036742.D
 Acq On : 27 Mar 2025 18:02
 Operator : RC/JU
 Sample : Q1621-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250320DL

Quant Time: Mar 27 18:38:35 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

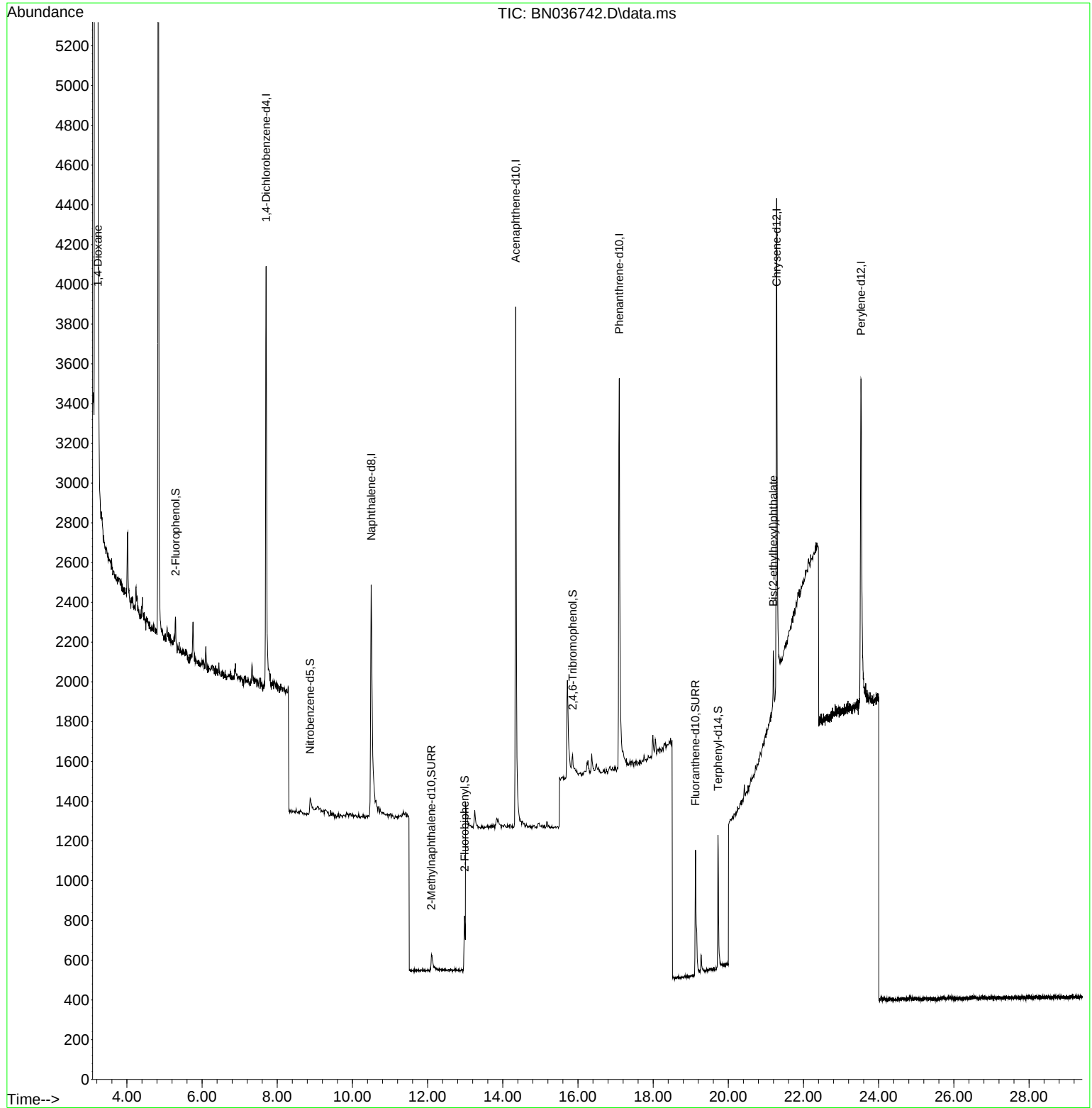
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1243	0.400	ng	-0.02
7) Naphthalene-d8	10.498	136	2699	0.400	ng	#-0.01
13) Acenaphthene-d10	14.345	164	1836	0.400	ng	-0.02
19) Phenanthrene-d10	17.099	188	4032	0.400	ng	-0.01
29) Chrysene-d12	21.286	240	3349	0.400	ng	0.00
35) Perylene-d12	23.531	264	2971	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	114	0.039	ng	-0.01
5) Phenol-d6	6.887	99	65	0.018	ng	-0.01
8) Nitrobenzene-d5	8.875	82	177	0.060	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	225	0.056	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	71	0.085	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	587	0.055	ng	0.00
27) Fluoranthene-d10	19.127	212	918	0.089	ng	-0.01
31) Terphenyl-d14	19.726	244	770	0.096	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.225	88	2189	1.588	ng	95
34) Bis(2-ethylhexyl)phtha...	21.196	149	393	0.047	ng	95

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

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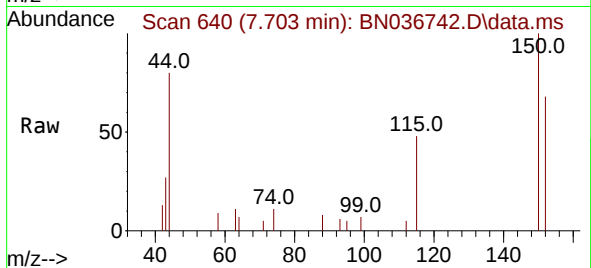
Quant Time: Mar 27 18:38:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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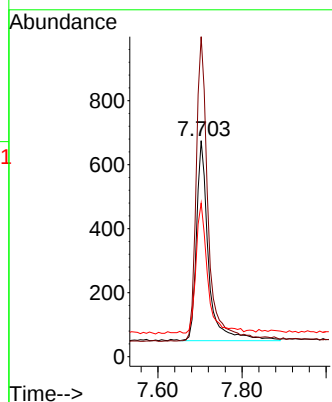
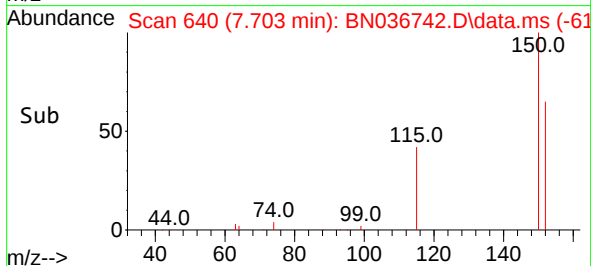


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036742.D
 Acq: 27 Mar 2025 18:02

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250320DL

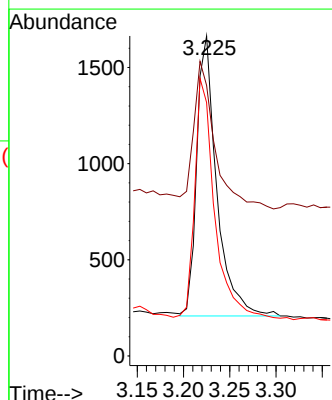
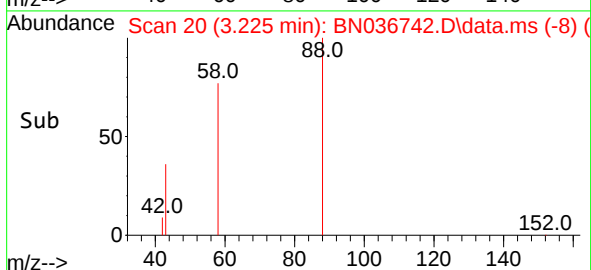
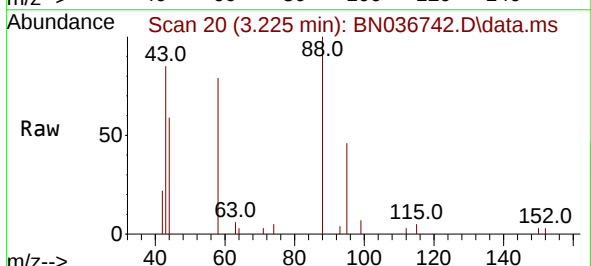


Tgt Ion:152 Resp: 1243
 Ion Ratio Lower Upper
 152 100
 150 148.1 123.7 185.5
 115 71.1 54.3 81.5



#2
 1,4-Dioxane
 Concen: 1.588 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036742.D
 Acq: 27 Mar 2025 18:02

Tgt Ion: 88 Resp: 2189
 Ion Ratio Lower Upper
 88 100
 43 55.9 37.8 56.8
 58 85.1 67.4 101.2





#4

2-Fluorophenol

Concen: 0.039 ng

RT: 5.298 min Scan# 309

Delta R.T. -0.014 min

Lab File: BN036742.D

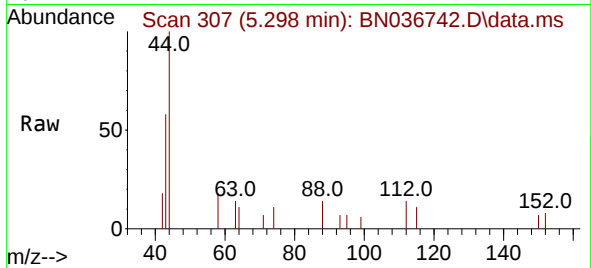
Acq: 27 Mar 2025 18:02

Instrument :

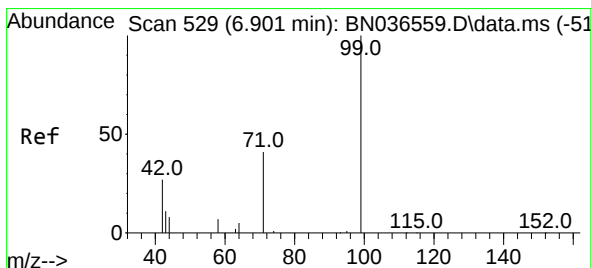
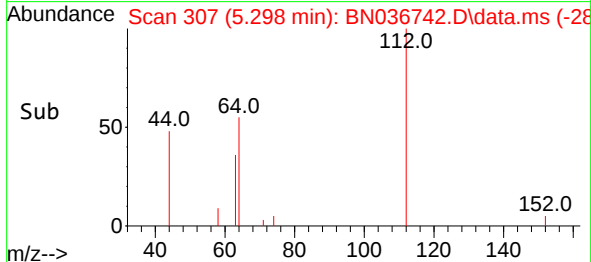
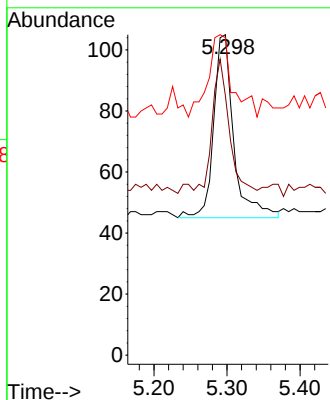
BNA_N

ClientSampleId :

RW5-SP100-20250320DL



Tgt Ion:	112	Resp:	114
Ion	Ratio	Lower	Upper
112	100		
64	61.4	53.1	79.7
63	54.4	31.8	47.8



#5

Phenol-d6

Concen: 0.018 ng

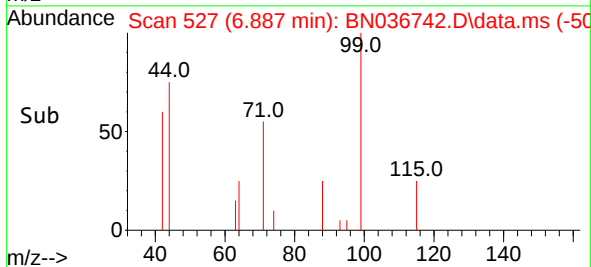
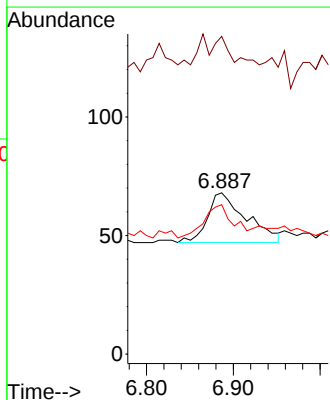
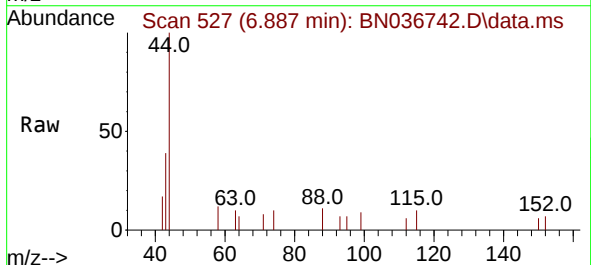
RT: 6.887 min Scan# 527

Delta R.T. -0.014 min

Lab File: BN036742.D

Acq: 27 Mar 2025 18:02

Tgt Ion:	99	Resp:	65
Ion	Ratio	Lower	Upper
99	100		
42	0.0	26.5	39.7
71	52.3	34.1	51.1

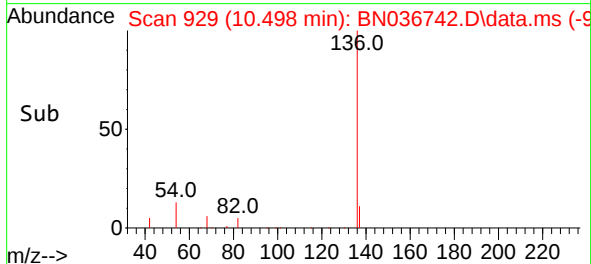
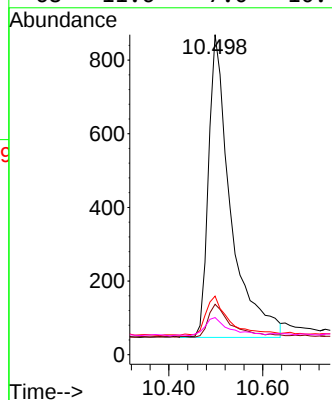
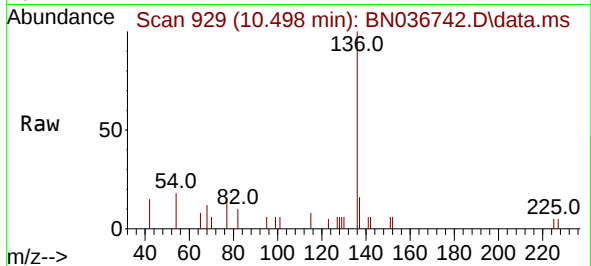




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN036742.D
Acq: 27 Mar 2025 18:02

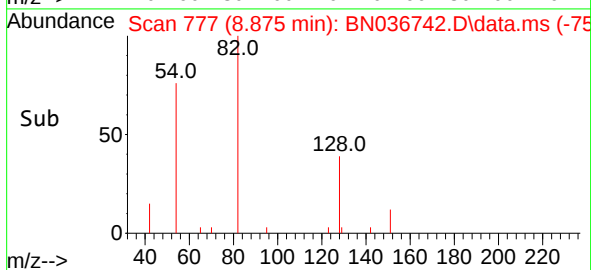
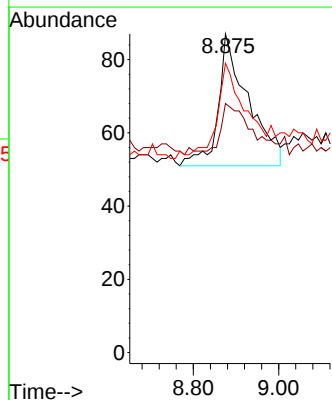
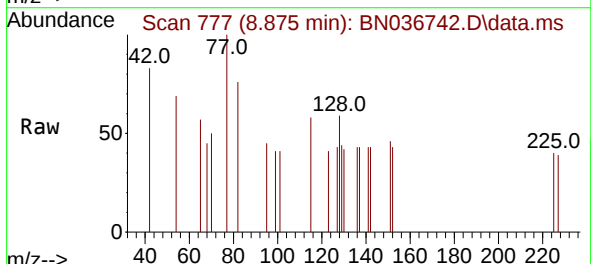
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250320DL

Tgt Ion:	136	Resp:	2699
Ion	Ratio	Lower	Upper
136	100		
137	15.8	10.3	15.5#
54	18.3	11.5	17.3#
68	11.6	7.0	10.4#



#8
Nitrobenzene-d5
Concen: 0.060 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036742.D
Acq: 27 Mar 2025 18:02

Tgt Ion:	82	Resp:	177
Ion	Ratio	Lower	Upper
82	100		
128	78.2	30.6	45.8#
54	90.8	52.2	78.4#

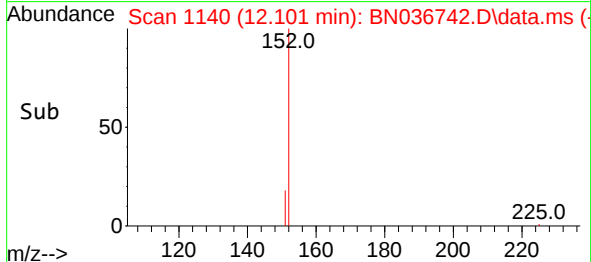
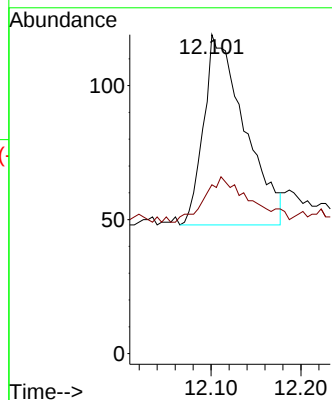
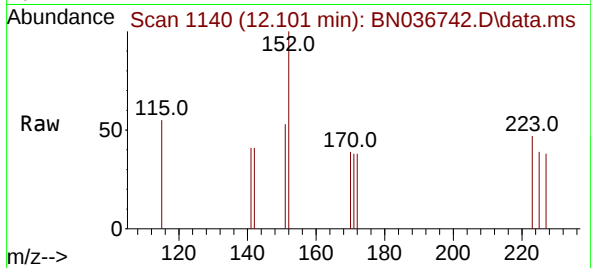




#11
2-Methylnaphthalene-d10
Concen: 0.056 ng
RT: 12.101 min Scan# 1142
Delta R.T. -0.010 min
Lab File: BN036742.D
Acq: 27 Mar 2025 18:02

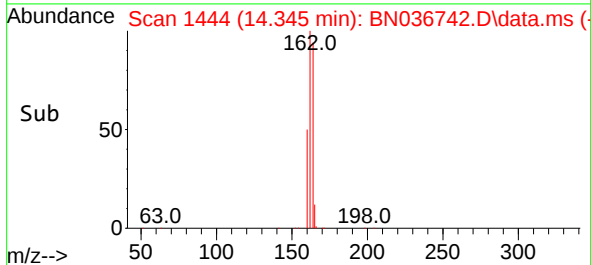
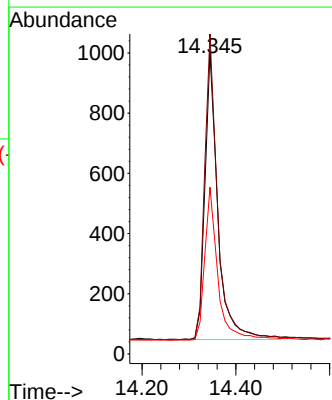
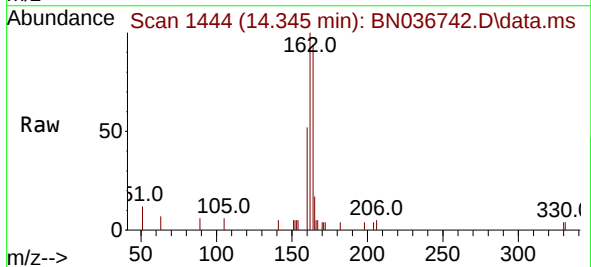
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250320DL

Tgt Ion:152 Resp: 225
Ion Ratio Lower Upper
152 100
151 24.4 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: BN036742.D
Acq: 27 Mar 2025 18:02

Tgt Ion:164 Resp: 1836
Ion Ratio Lower Upper
164 100
162 106.3 84.2 126.2
160 55.4 42.2 63.2

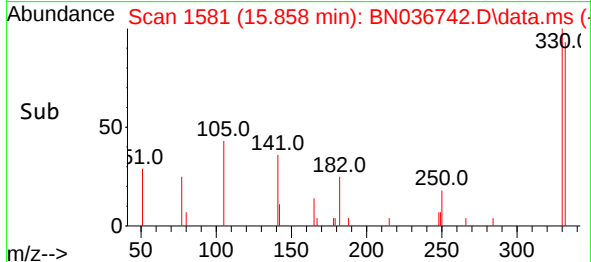
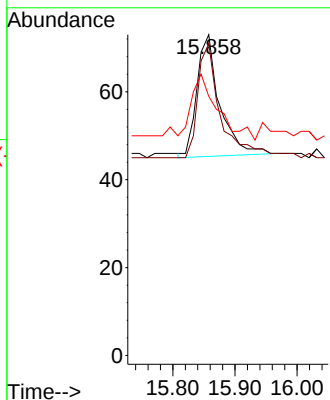
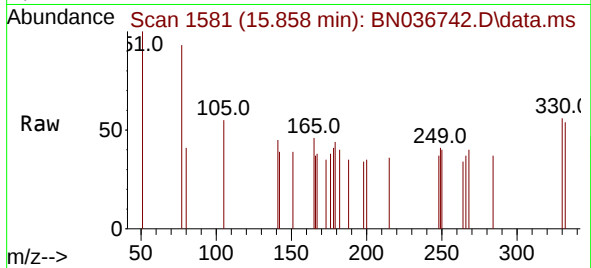




#14
2,4,6-Tribromophenol
Concen: 0.085 ng
RT: 15.858 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036742.D
Acq: 27 Mar 2025 18:02

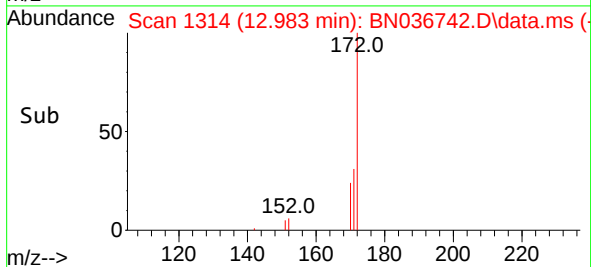
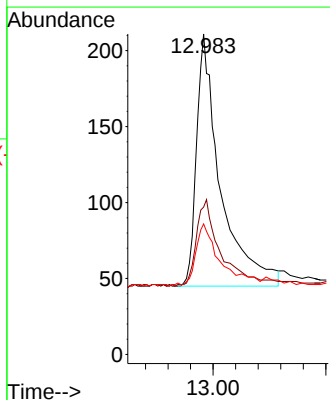
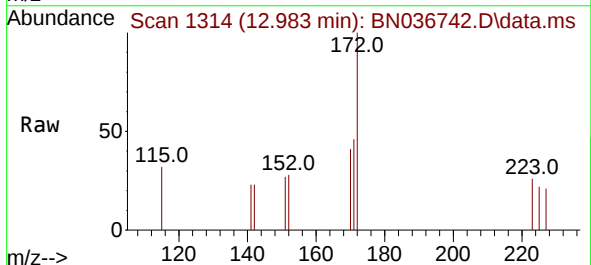
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250320DL

Tgt Ion:330 Resp: 71
Ion Ratio Lower Upper
330 100
332 93.0 75.2 112.8
141 52.1 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.055 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036742.D
Acq: 27 Mar 2025 18:02

Tgt Ion:172 Resp: 587
Ion Ratio Lower Upper
172 100
171 46.0 29.5 44.3#
170 40.8 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: BN036742.D

Acq: 27 Mar 2025 18:02

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250320DL

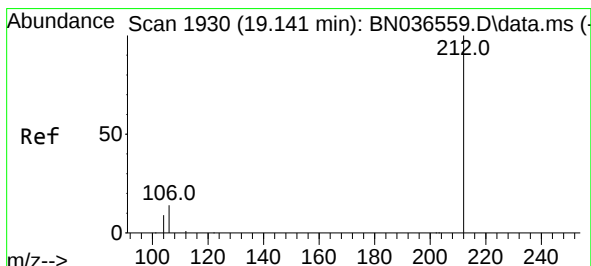
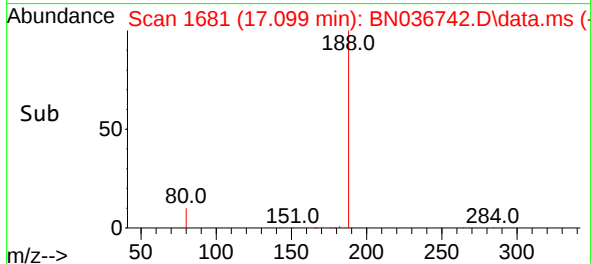
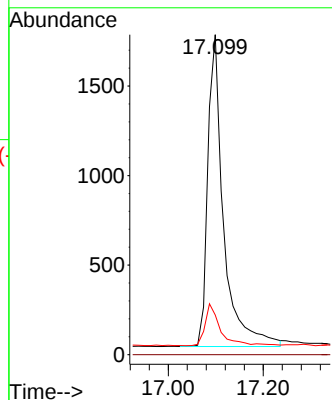
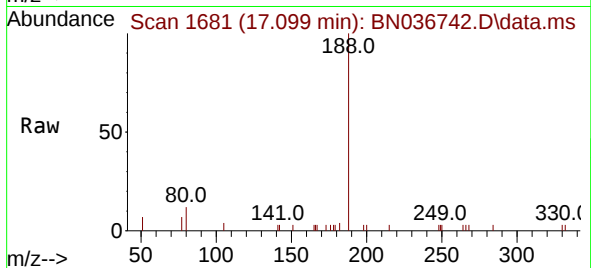
Tgt Ion:188 Resp: 4032

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 8.8 13.2



#27

Fluoranthene-d10

Concen: 0.089 ng

RT: 19.127 min Scan# 1927

Delta R.T. -0.014 min

Lab File: BN036742.D

Acq: 27 Mar 2025 18:02

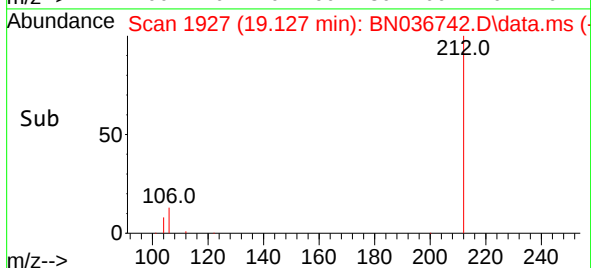
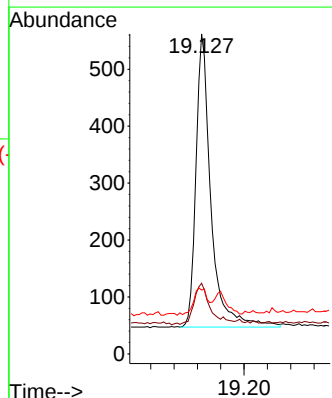
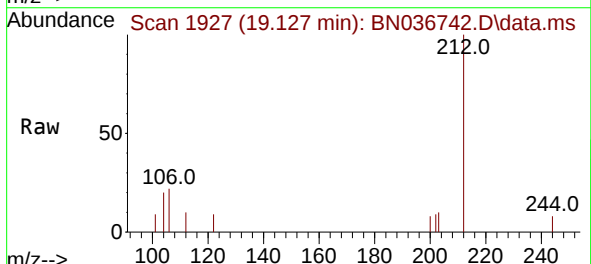
Tgt Ion:212 Resp: 918

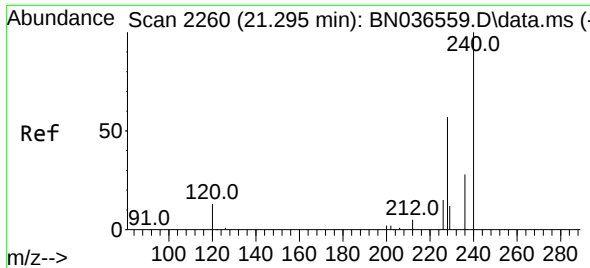
Ion Ratio Lower Upper

212 100

106 15.5 11.8 17.6

104 8.4 7.3 10.9

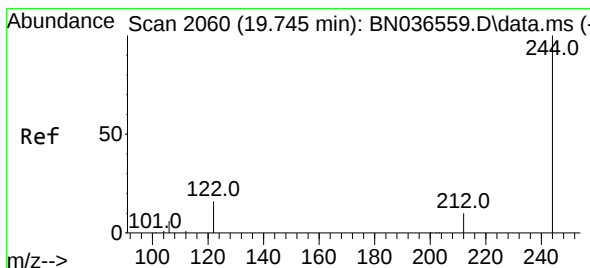
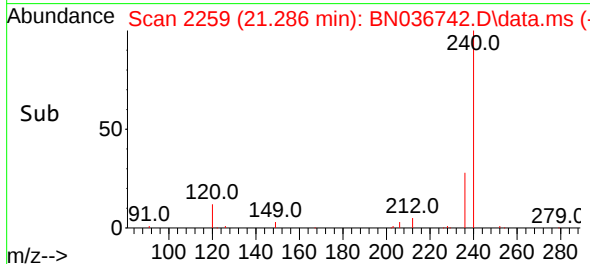
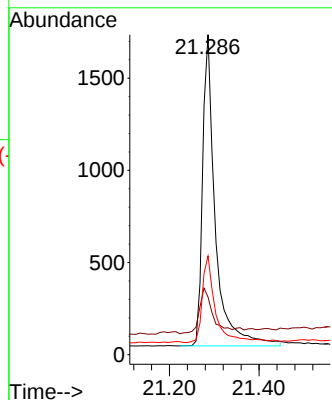
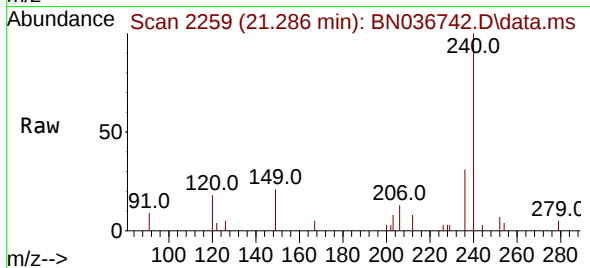




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036742.D
Acq: 27 Mar 2025 18:02

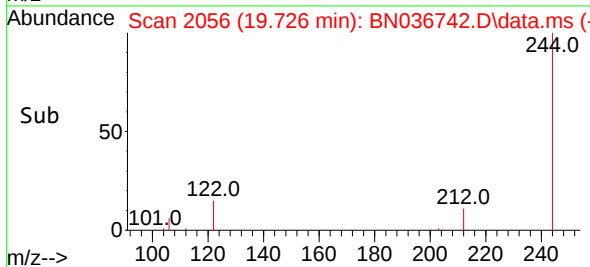
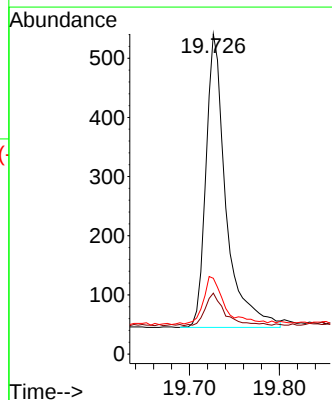
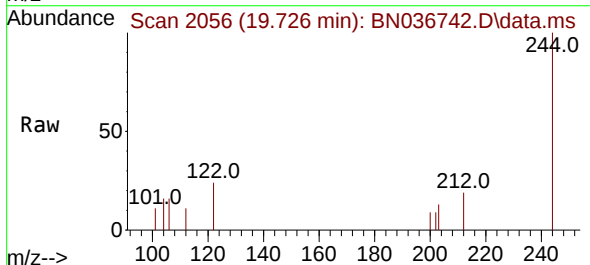
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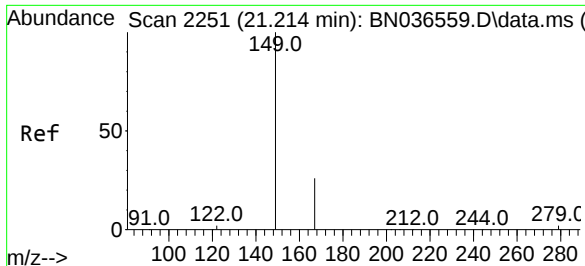
Tgt Ion:240 Resp: 3349
Ion Ratio Lower Upper
240 100
120 18.0 14.6 22.0
236 30.9 24.1 36.1



#31
Terphenyl-d14
Concen: 0.096 ng
RT: 19.726 min Scan# 2056
Delta R.T. -0.018 min
Lab File: BN036742.D
Acq: 27 Mar 2025 18:02

Tgt Ion:244 Resp: 770
Ion Ratio Lower Upper
244 100
212 19.0 9.6 14.4#
122 23.7 13.9 20.9#

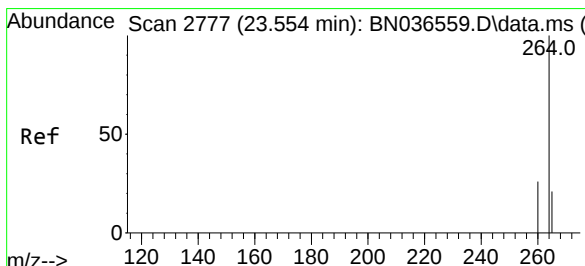
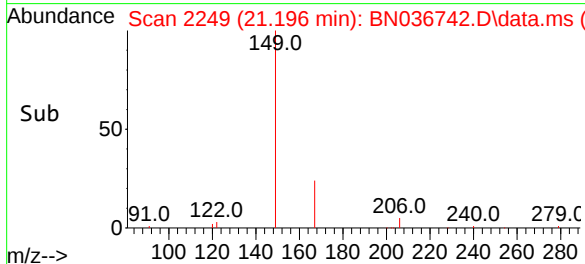
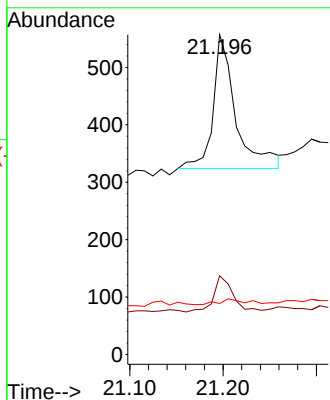
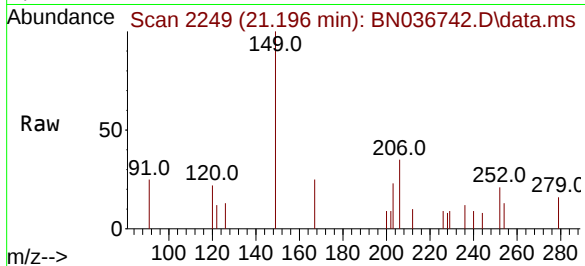




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036742.D
 Acq: 27 Mar 2025 18:02

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250320DL

Tgt Ion:149 Resp: 393
 Ion Ratio Lower Upper
 149 100
 167 22.9 20.7 31.1
 279 5.3 3.6 5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.531 min Scan# 2769
 Delta R.T. -0.023 min
 Lab File: BN036742.D
 Acq: 27 Mar 2025 18:02

Tgt Ion:264 Resp: 2971
 Ion Ratio Lower Upper
 264 100
 260 28.0 22.6 33.8
 265 108.6 88.1 132.1

