

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
 Data File : BN037543.D
 Acq On : 22 Jul 2025 17:29
 Operator : RC/JU
 Sample : Q2642-01DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250717DL

Quant Time: Jul 22 18:24:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 19 01:46:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

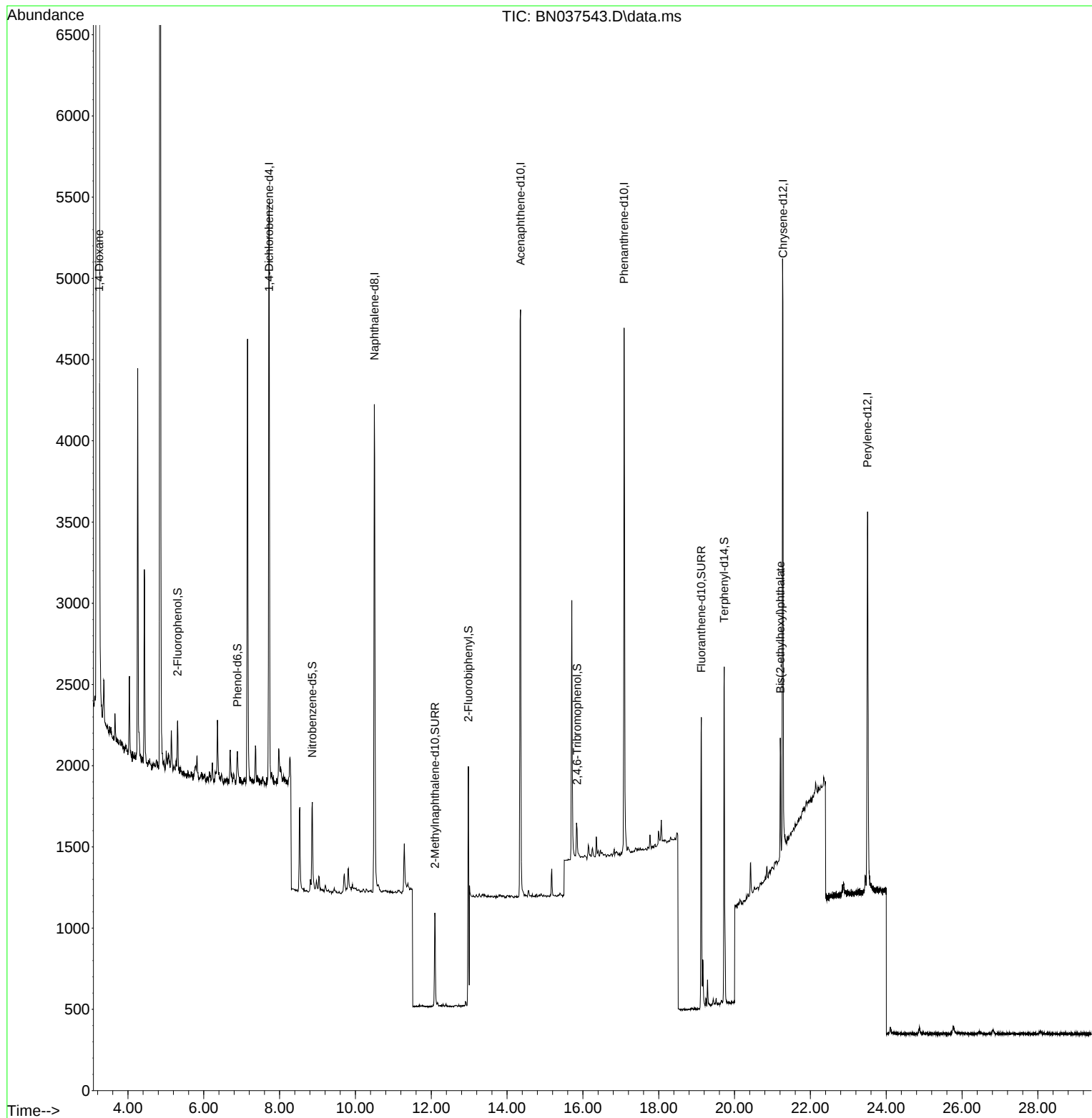
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1800	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4430	0.400	ng	#-0.01
13) Acenaphthene-d10	14.356	164	2275	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	4512	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3721	0.400	ng	# 0.00
35) Perylene-d12	23.508	264	3318	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	273	0.061	ng	0.00
5) Phenol-d6	6.887	99	184	0.033	ng	0.00
8) Nitrobenzene-d5	8.865	82	487	0.147	ng	0.00
11) 2-Methylnaphthalene-d10	12.096	152	872	0.137	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	142	0.127	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	1826	0.154	ng	0.00
27) Fluoranthene-d10	19.123	212	2090	0.175	ng	0.00
31) Terphenyl-d14	19.727	244	1981	0.248	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.240	88	4761	2.751	ng	99
34) Bis(2-ethylhexyl)phtha...	21.205	149	755	0.129	ng	96

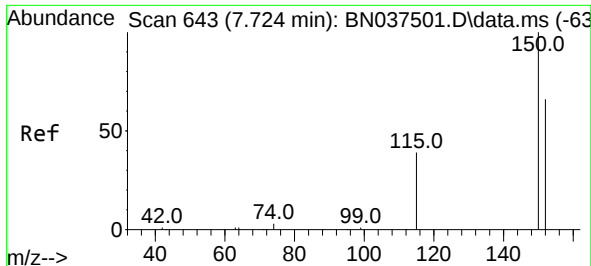
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
Data File : BN037543.D
Acq On : 22 Jul 2025 17:29
Operator : RC/JU
Sample : Q2642-01DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250717DL

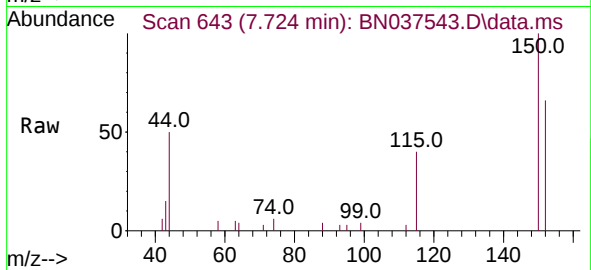
Quant Time: Jul 22 18:24:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration



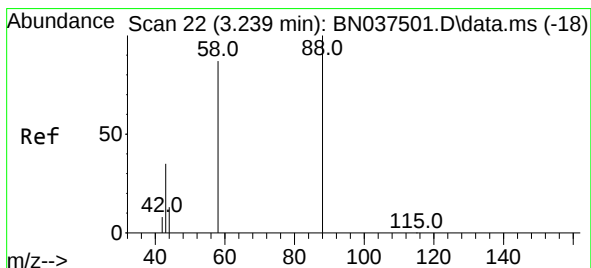
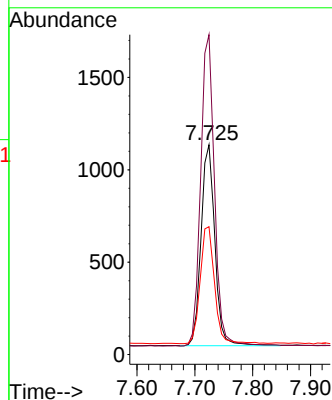
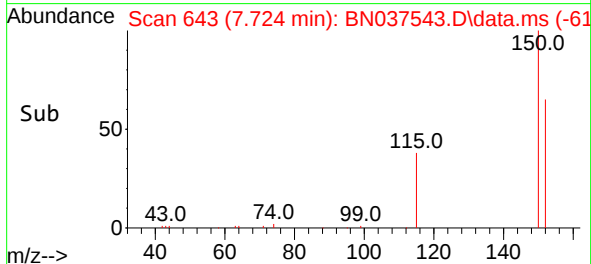


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037543.D
 Acq: 22 Jul 2025 17:29

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250717DL

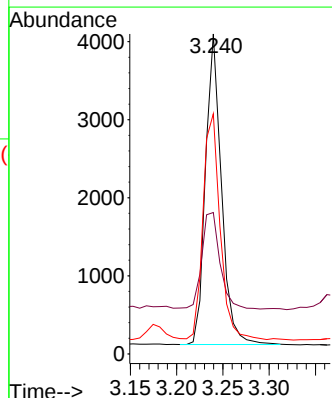
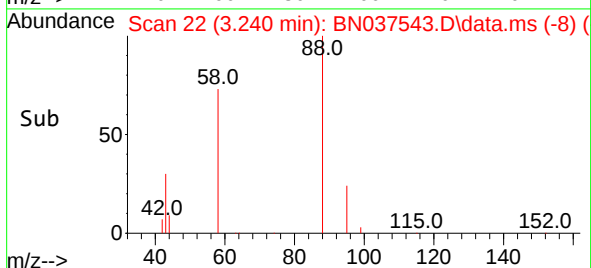
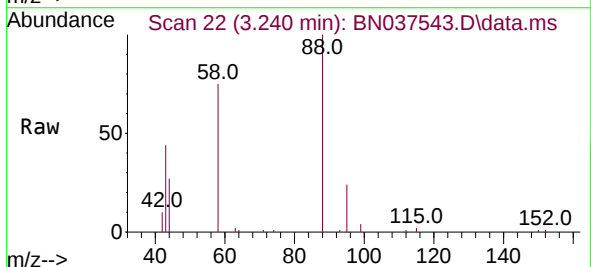


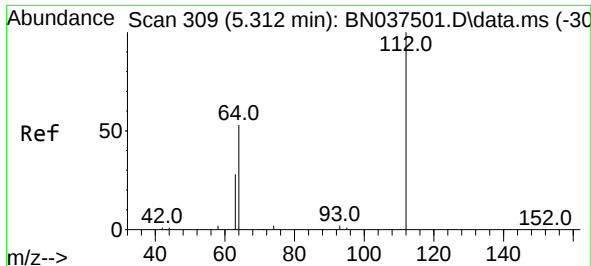
Tgt Ion:152 Resp: 1800
 Ion Ratio Lower Upper
 152 100
 150 152.5 119.8 179.8
 115 60.9 49.1 73.7



#2
 1,4-Dioxane
 Concen: 2.751 ng
 RT: 3.240 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN037543.D
 Acq: 22 Jul 2025 17:29

Tgt Ion: 88 Resp: 4761
 Ion Ratio Lower Upper
 88 100
 43 35.5 27.5 41.3
 58 78.0 62.7 94.1

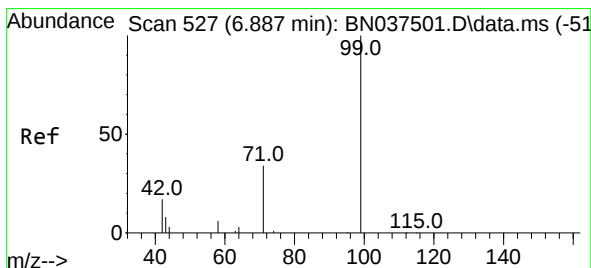
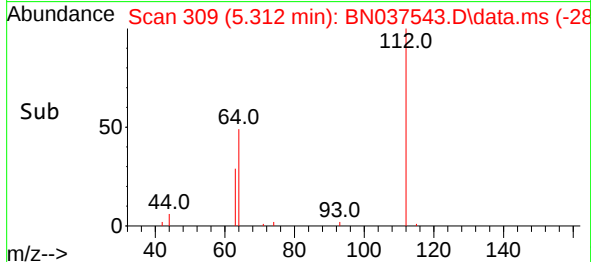
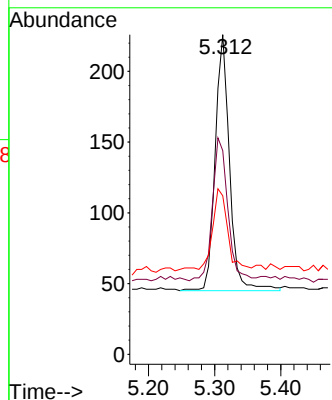
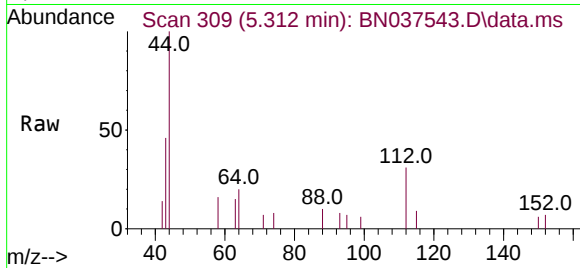




#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

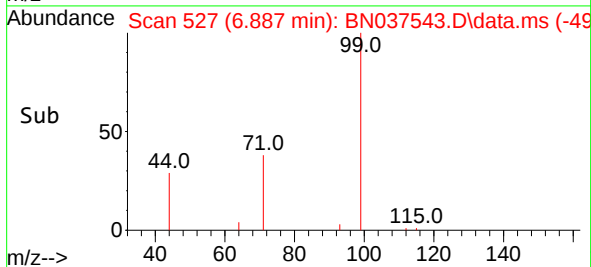
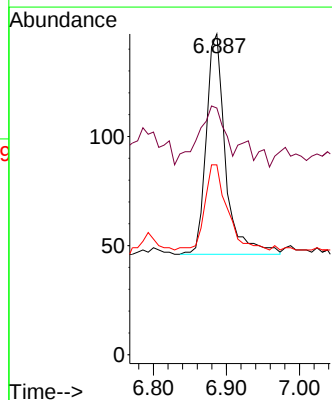
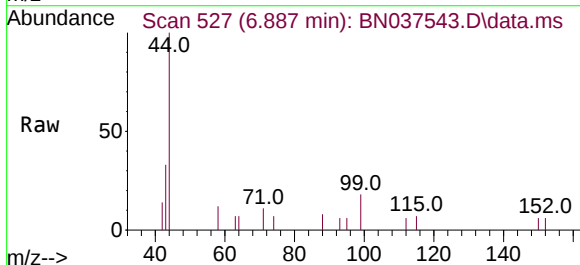
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250717DL

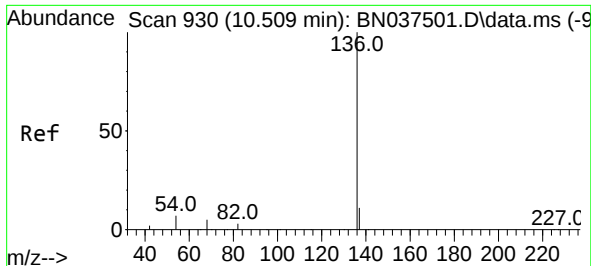
Tgt Ion: 112 Resp: 273
Ion Ratio Lower Upper
112 100
64 60.1 45.1 67.7
63 36.3 23.8 35.8#



#5
Phenol-d6
Concen: 0.033 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

Tgt Ion: 99 Resp: 184
Ion Ratio Lower Upper
99 100
42 32.6 17.1 25.7#
71 47.3 27.8 41.8#

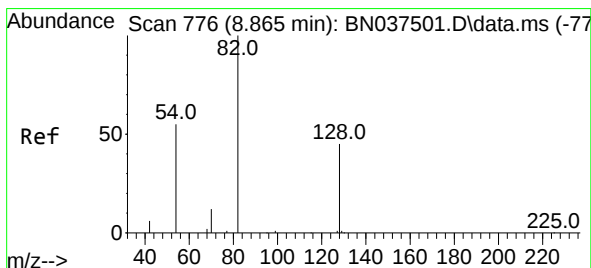
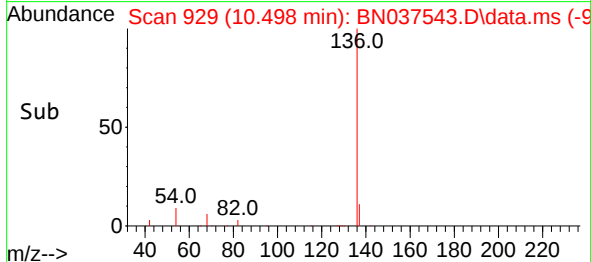
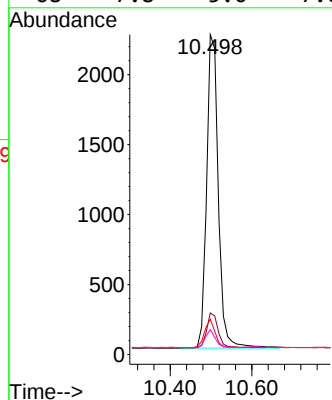
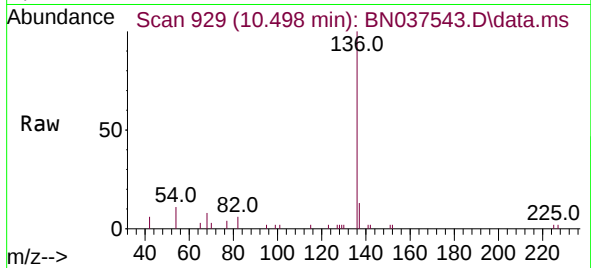




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

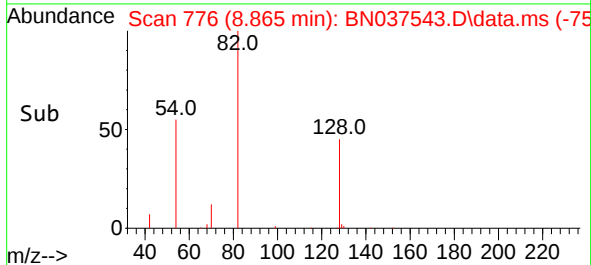
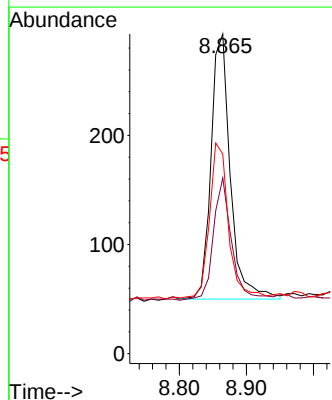
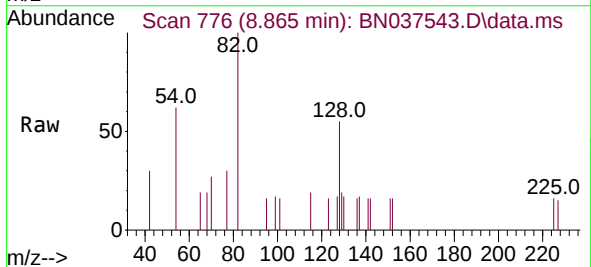
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250717DL

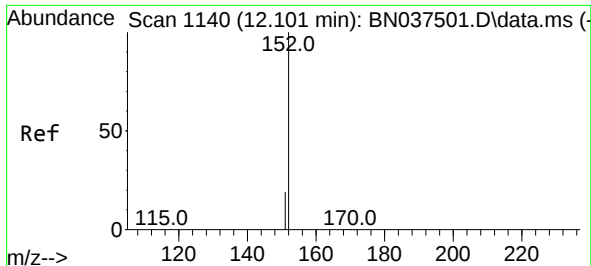
Tgt Ion:	136	Resp:	4430
Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.8	14.8
54	11.1	6.6	9.8#
68	7.8	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.147 ng
RT: 8.865 min Scan# 776
Delta R.T. 0.000 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

Tgt Ion:	82	Resp:	487
Ion	Ratio	Lower	Upper
82	100		
128	54.9	37.5	56.3
54	62.5	45.3	67.9

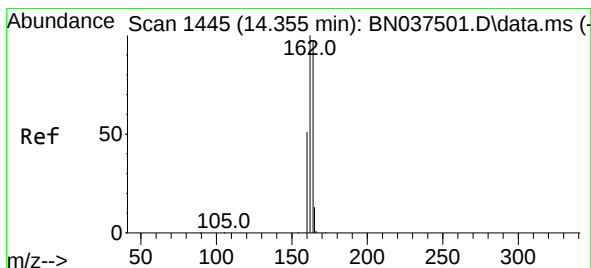
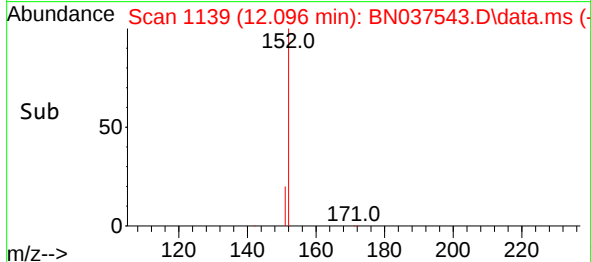
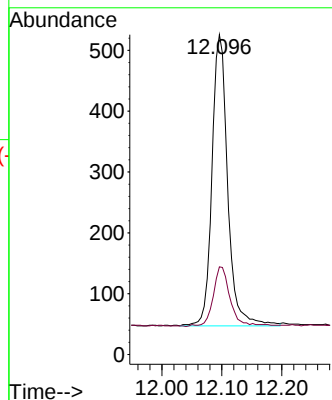
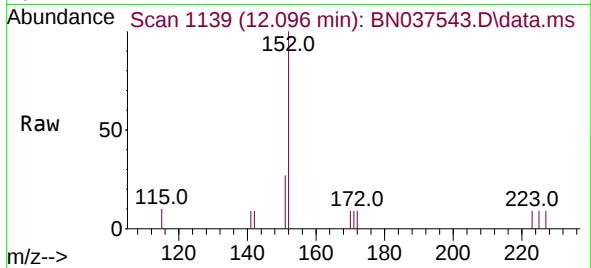




#11
2-Methylnaphthalene-d10
Concen: 0.137 ng
RT: 12.096 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

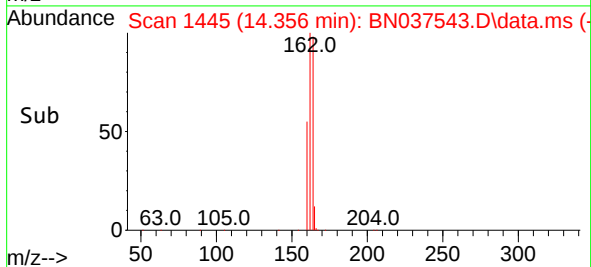
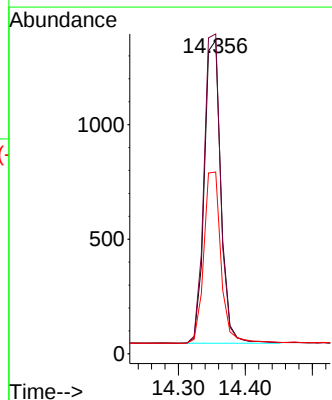
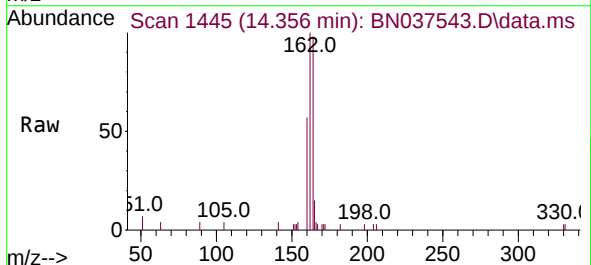
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250717DL

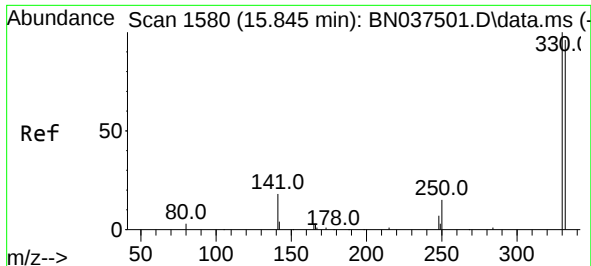
Tgt Ion:152 Resp: 872
Ion Ratio Lower Upper
152 100
151 22.4 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.356 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

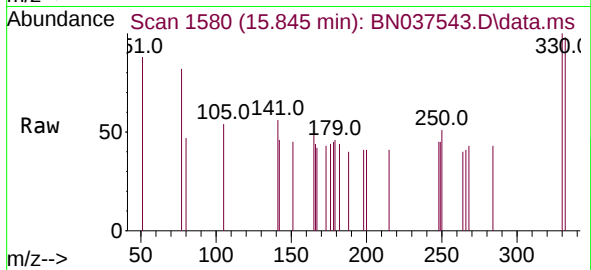
Tgt Ion:164 Resp: 2275
Ion Ratio Lower Upper
164 100
162 102.1 82.0 123.0
160 58.0 42.4 63.6



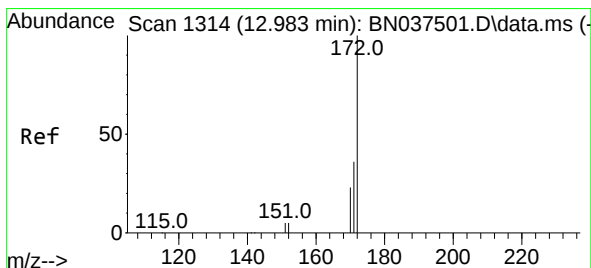
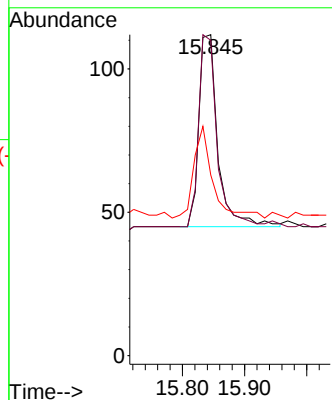
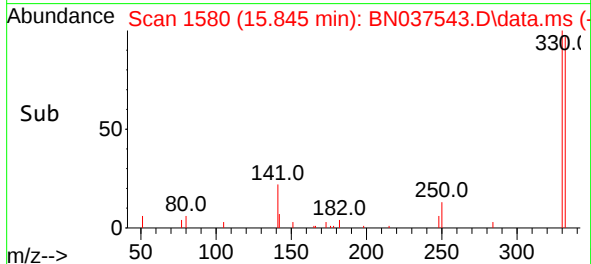


#14
2,4,6-Tribromophenol
Concen: 0.127 ng
RT: 15.845 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

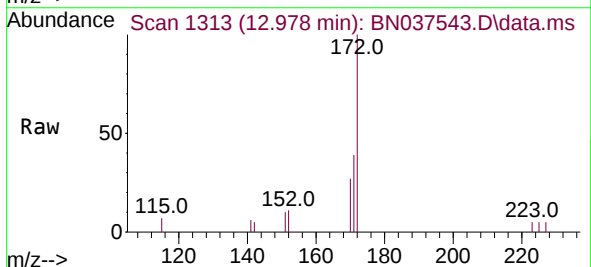
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250717DL



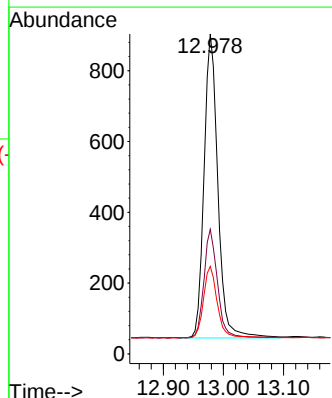
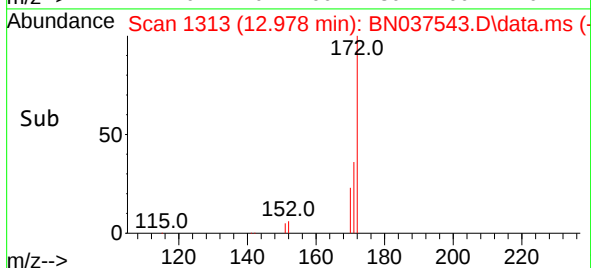
Tgt Ion:330 Resp: 142
Ion Ratio Lower Upper
330 100
332 96.5 76.1 114.1
141 47.2 33.4 50.0

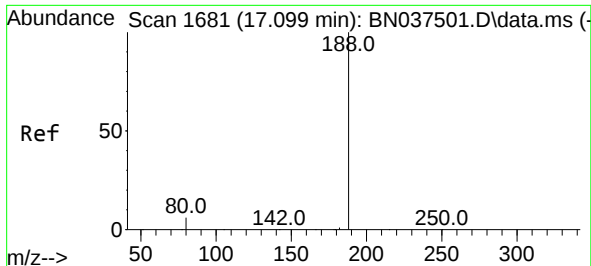


#15
2-Fluorobiphenyl
Concen: 0.154 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.005 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29



Tgt Ion:172 Resp: 1826
Ion Ratio Lower Upper
172 100
171 38.9 29.4 44.2
170 27.3 19.4 29.0

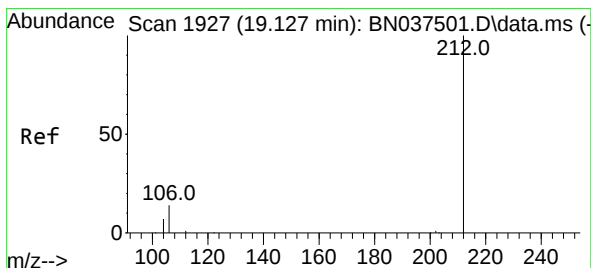
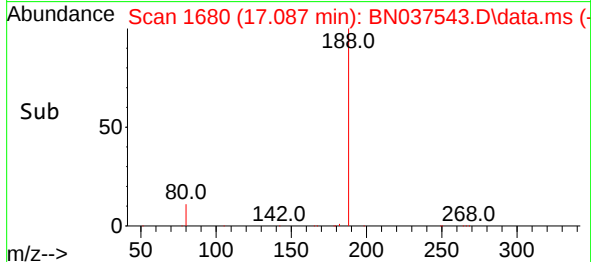
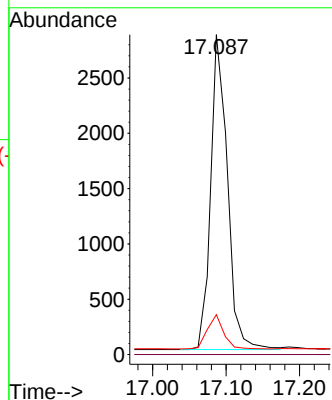
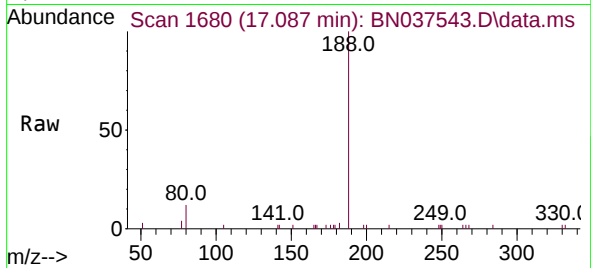




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

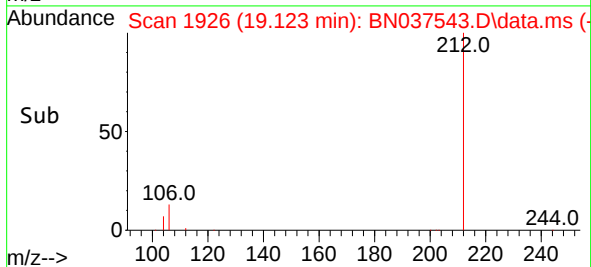
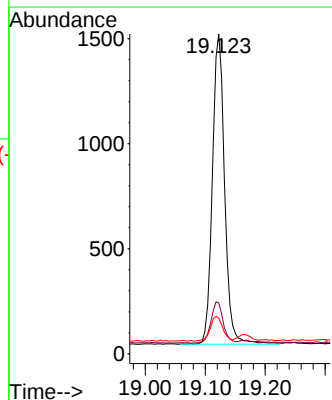
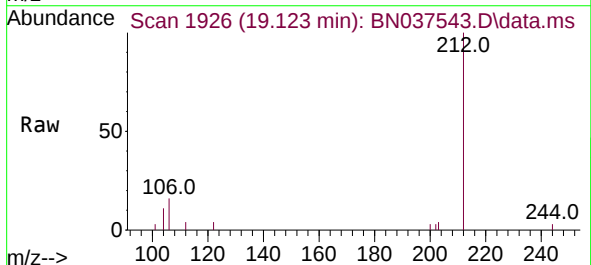
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250717DL

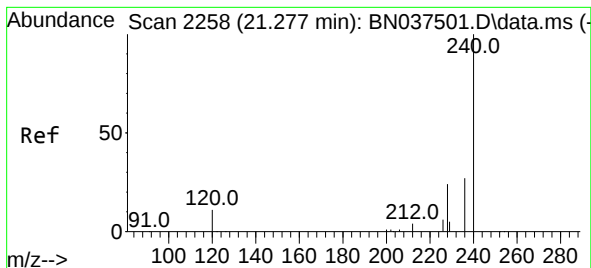
Tgt Ion:188 Resp: 4512
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 6.0 9.0#



#27
Fluoranthene-d10
Concen: 0.175 ng
RT: 19.123 min Scan# 1926
Delta R.T. -0.005 min
Lab File: BN037543.D
Acq: 22 Jul 2025 17:29

Tgt Ion:212 Resp: 2090
Ion Ratio Lower Upper
212 100
106 13.3 12.2 18.4
104 8.1 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.277 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037543.D

Acq: 22 Jul 2025 17:29

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250717DL

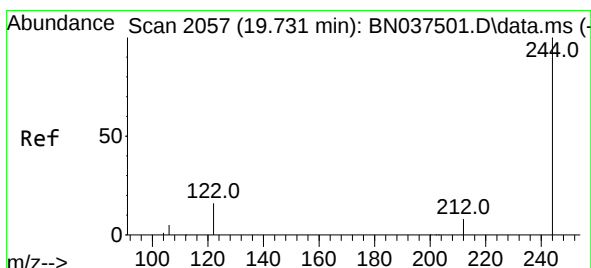
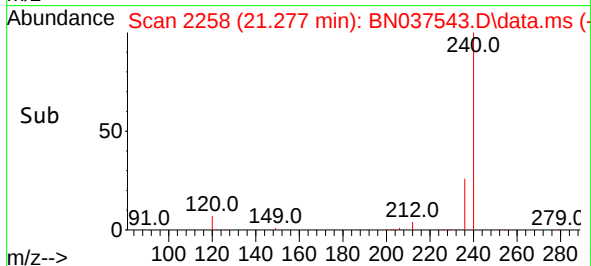
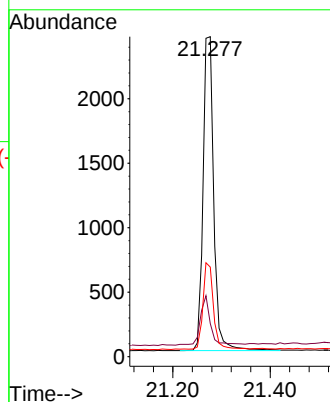
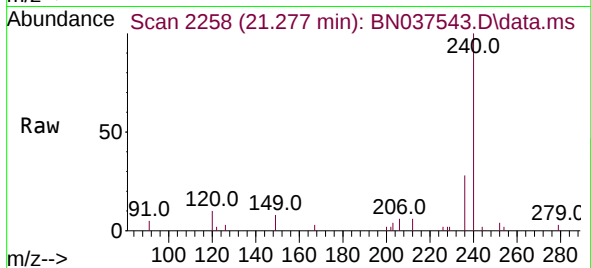
Tgt Ion:240 Resp: 3721

Ion Ratio Lower Upper

240 100

120 10.4 10.7 16.1#

236 28.0 22.6 33.8



#31

Terphenyl-d14

Concen: 0.248 ng

RT: 19.727 min Scan# 2056

Delta R.T. -0.005 min

Lab File: BN037543.D

Acq: 22 Jul 2025 17:29

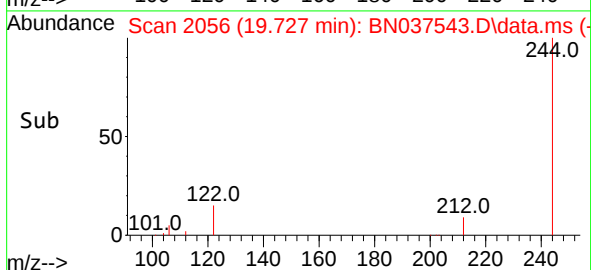
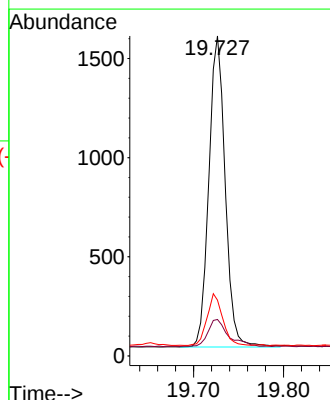
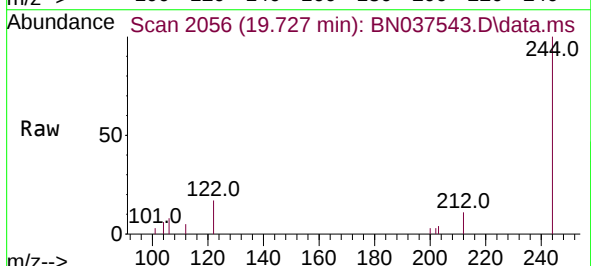
Tgt Ion:244 Resp: 1981

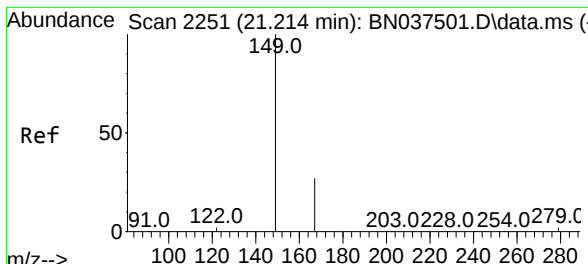
Ion Ratio Lower Upper

244 100

212 11.4 7.4 11.2#

122 17.5 13.6 20.4

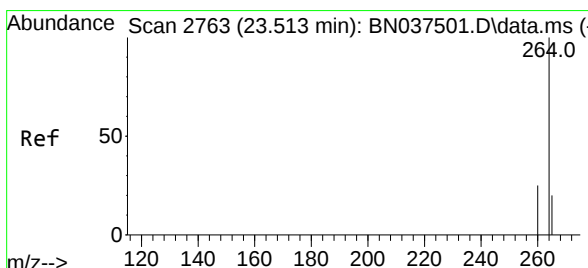
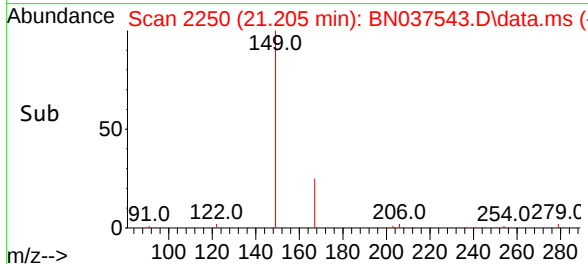
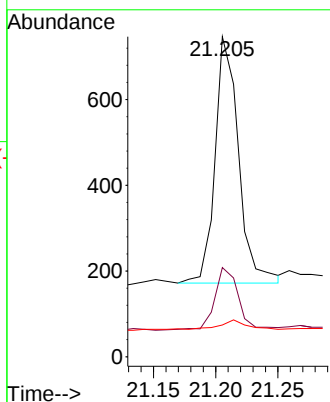
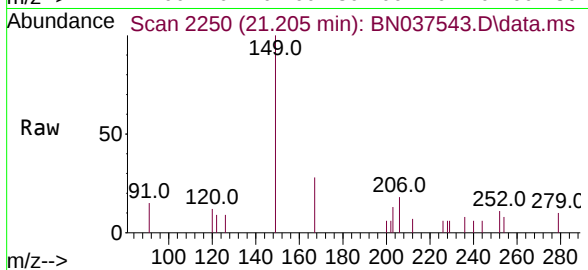




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.129 ng
 RT: 21.205 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037543.D
 Acq: 22 Jul 2025 17:29

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250717DL

Tgt Ion:	149	Resp:	755
Ion Ratio	Lower	Upper	
149	100		
167	25.3	21.8	32.8
279	4.1	3.0	4.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.508 min Scan# 2761
 Delta R.T. -0.006 min
 Lab File: BN037543.D
 Acq: 22 Jul 2025 17:29

Tgt Ion:	264	Resp:	3318
Ion Ratio	Lower	Upper	
264	100		
260	27.0	21.2	31.8
265	61.9	40.4	60.6

