

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
 Data File : BN037592.D
 Acq On : 13 Aug 2025 12:55
 Operator : RC/JU
 Sample : Q2806-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250807

Quant Time: Aug 13 14:01:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

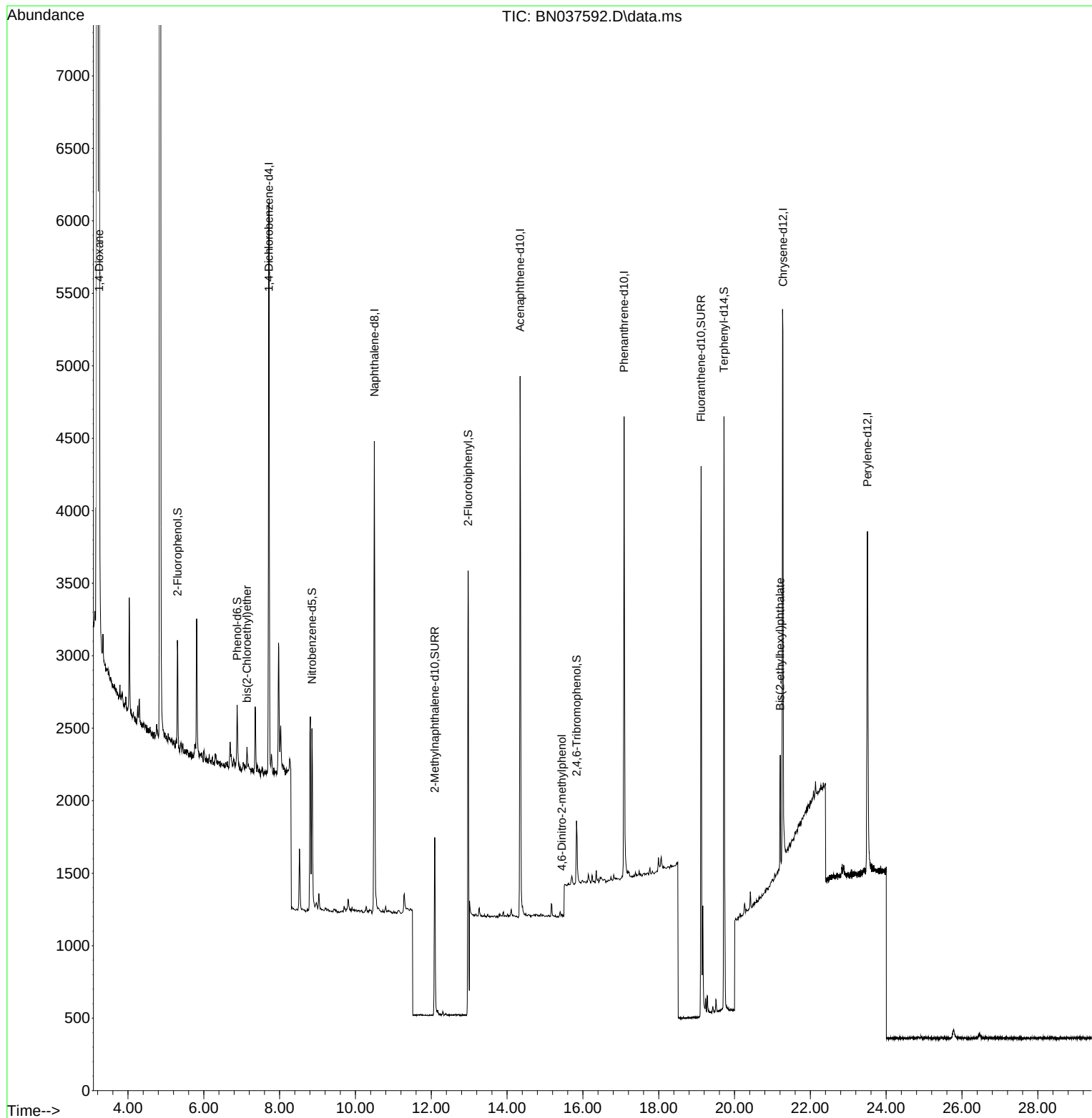
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1915	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4446	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2152	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	4414	0.400	ng	0.00
29) Chrysene-d12	21.277	240	3975	0.400	ng	0.00
35) Perylene-d12	23.508	264	3324	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	587	0.135	ng	0.00
5) Phenol-d6	6.879	99	389	0.074	ng	0.00
8) Nitrobenzene-d5	8.854	82	1056	0.337	ng	0.00
11) 2-Methylnaphthalene-d10	12.091	152	1813	0.300	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	299	0.317	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4097	0.329	ng	0.00
27) Fluoranthene-d10	19.118	212	4272	0.368	ng	0.00
31) Terphenyl-d14	19.722	244	3942	0.482	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	6150	3.357	ng	Qvalue 98
6) bis(2-Chloroethyl)ether	7.139	93	101	0.021	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.446	198	3	0.185	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.205	149	701	0.128	ng	# 98

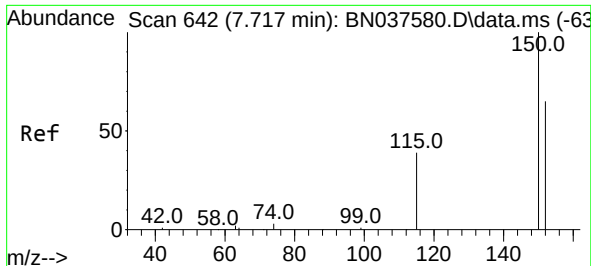
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081325\
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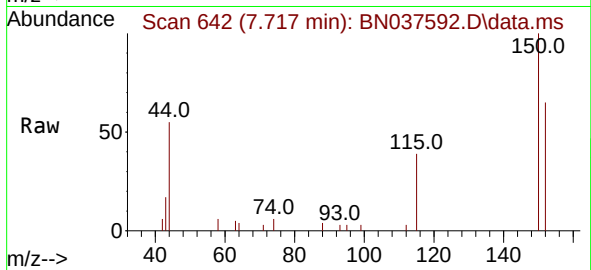
Quant Time: Aug 13 14:01:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration





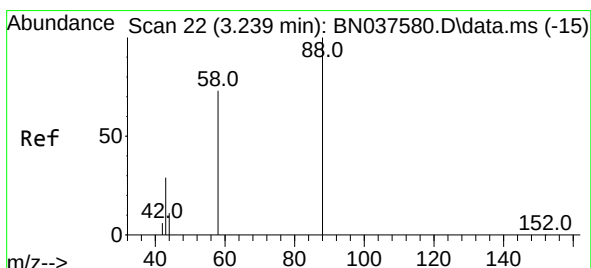
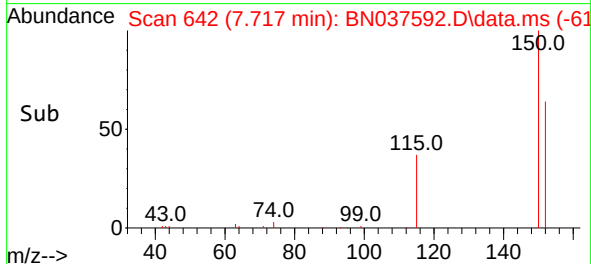
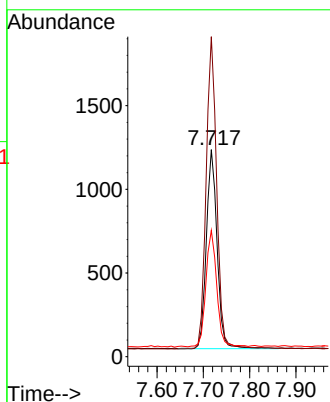
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037592.D
 Acq: 13 Aug 2025 12:55

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250807



Tgt Ion: 152 Resp: 1915

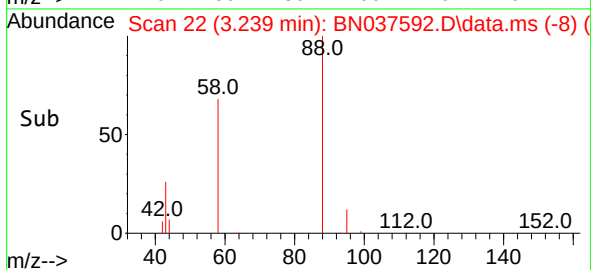
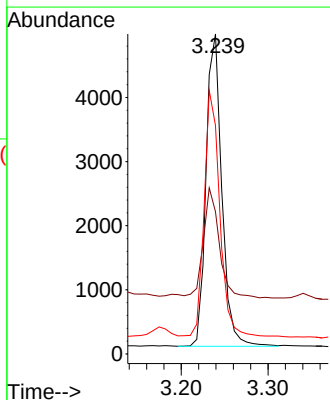
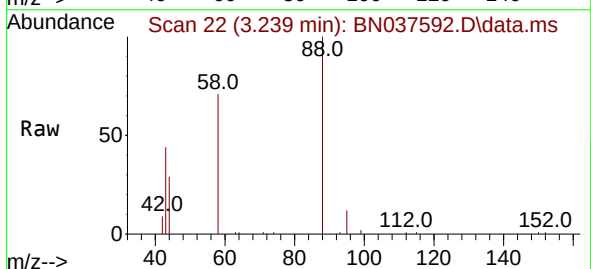
Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.2	183.4
115	61.0	49.8	74.6

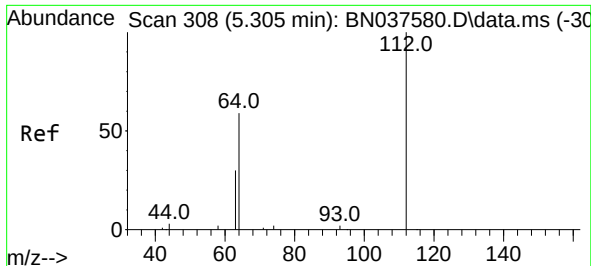


#2
 1,4-Dioxane
 Concen: 3.357 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN037592.D
 Acq: 13 Aug 2025 12:55

Tgt Ion: 88 Resp: 6150

Ion	Ratio	Lower	Upper
88	100		
43	35.6	25.8	38.6
58	77.2	61.2	91.8





#4

2-Fluorophenol

Concen: 0.135 ng

RT: 5.305 min Scan# 308

Delta R.T. 0.000 min

Lab File: BN037592.D

Acq: 13 Aug 2025 12:55

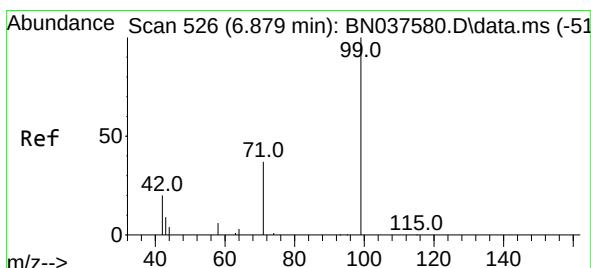
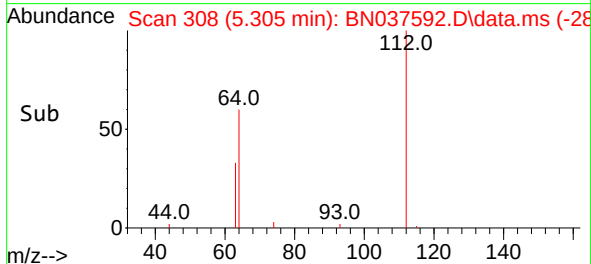
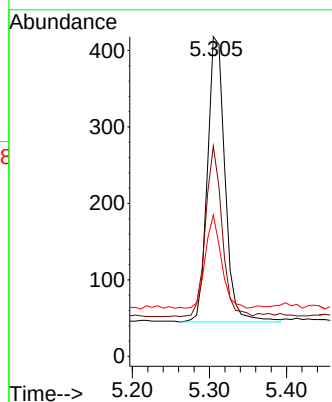
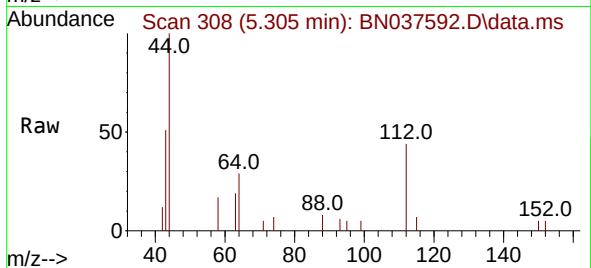
Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250807

Tgt Ion:	112	Resp:	587
Ion	Ratio	Lower	Upper
112	100		
64	56.0	44.9	67.3
63	31.0	23.4	35.2



#5

Phenol-d6

Concen: 0.074 ng

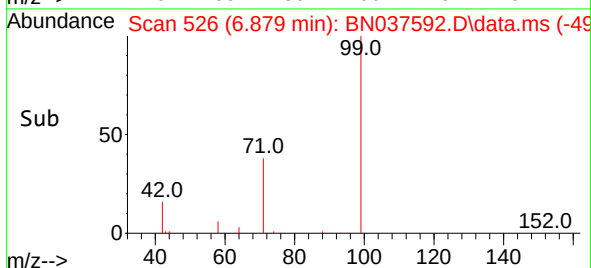
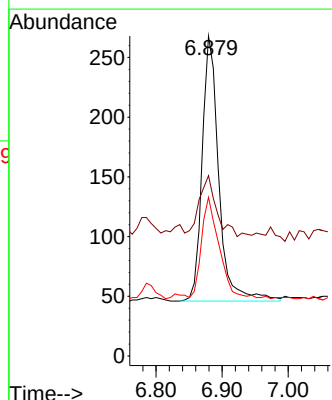
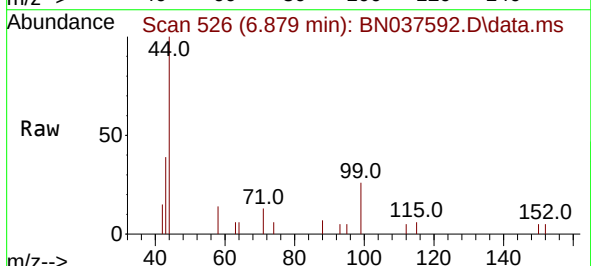
RT: 6.879 min Scan# 526

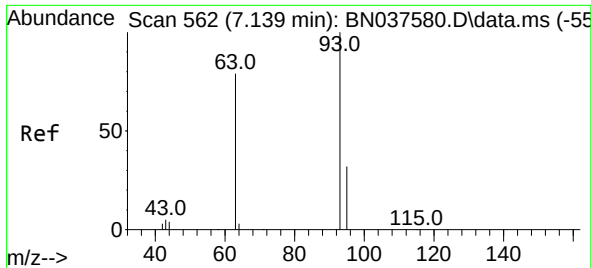
Delta R.T. 0.000 min

Lab File: BN037592.D

Acq: 13 Aug 2025 12:55

Tgt Ion:	99	Resp:	389
Ion	Ratio	Lower	Upper
99	100		
42	21.3	18.5	27.7
71	40.9	28.6	42.8

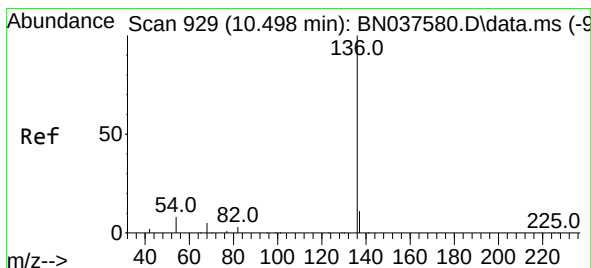
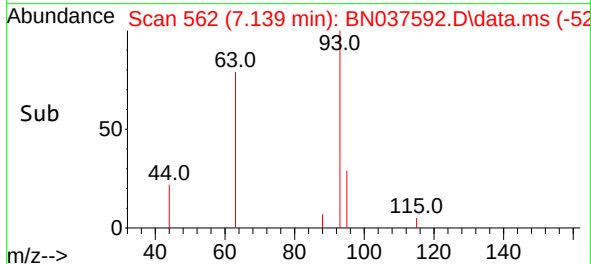
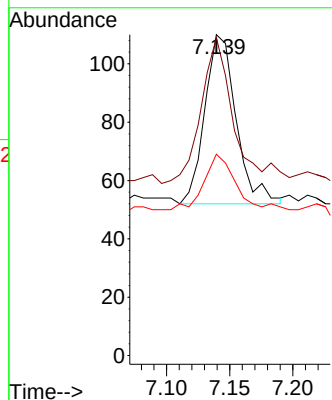
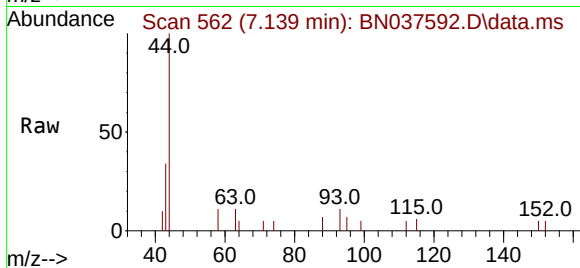




#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.139 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN037592.D
Acq: 13 Aug 2025 12:55

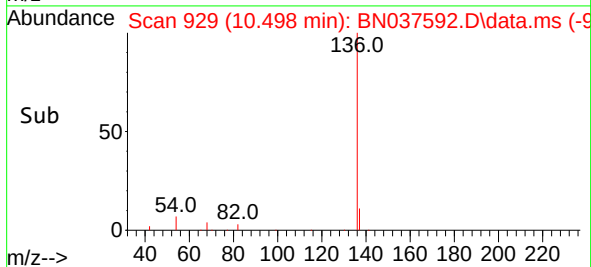
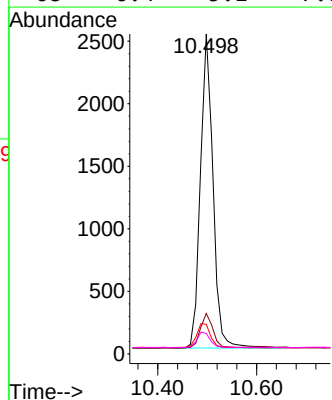
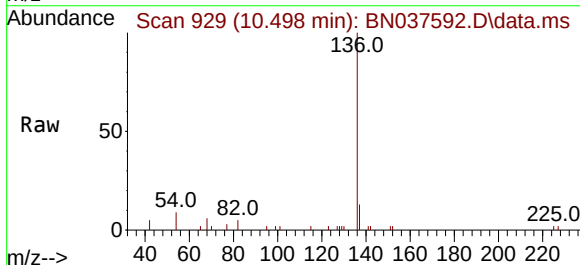
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250807

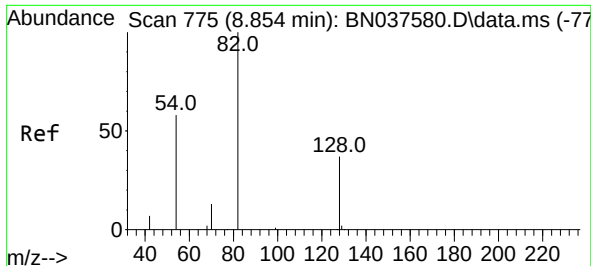
Tgt Ion: 93 Resp: 101
Ion Ratio Lower Upper
93 100
63 89.1 58.0 87.0#
95 31.7 24.9 37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN037592.D
Acq: 13 Aug 2025 12:55

Tgt Ion: 136 Resp: 4446
Ion Ratio Lower Upper
136 100
137 12.7 9.5 14.3
54 9.3 7.3 10.9
68 6.4 5.1 7.7

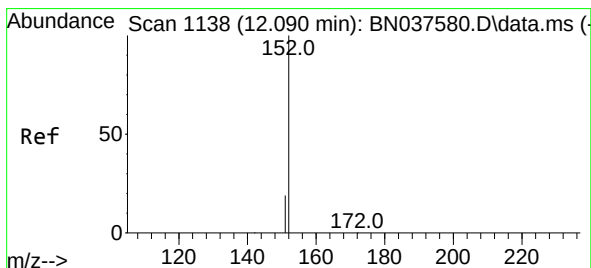
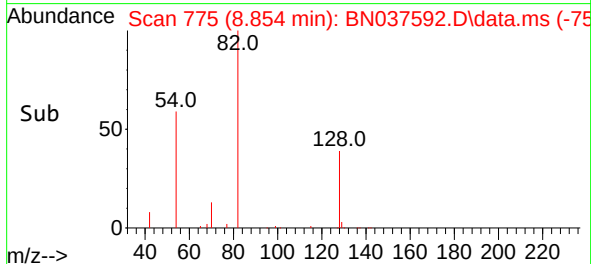
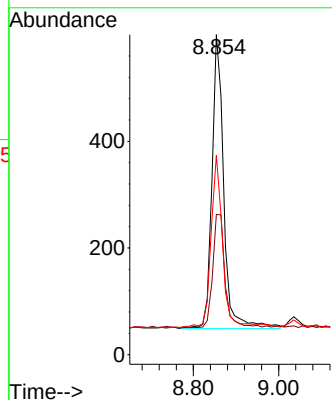
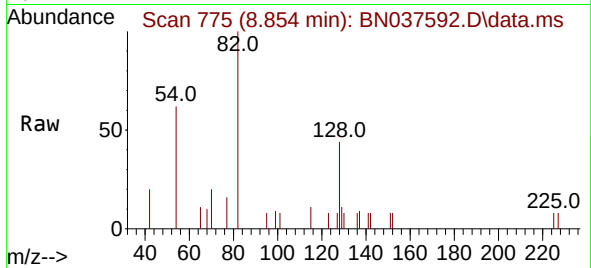




#8
 Nitrobenzene-d5
 Concen: 0.337 ng
 RT: 8.854 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: BN037592.D
 Acq: 13 Aug 2025 12:55

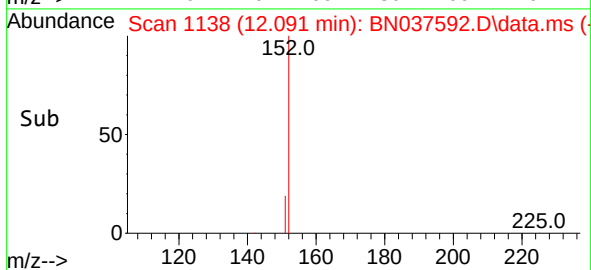
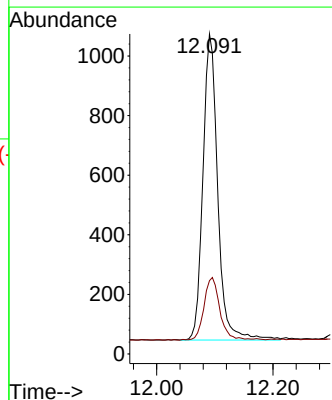
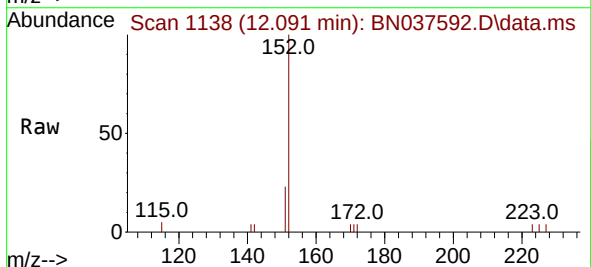
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250807

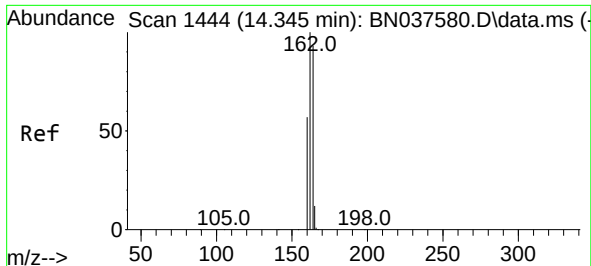
Tgt Ion:	82	Resp:	1056
Ion	Ratio	Lower	Upper
82	100		
128	43.8	32.6	48.8
54	62.3	48.9	73.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.300 ng
 RT: 12.091 min Scan# 1138
 Delta R.T. 0.000 min
 Lab File: BN037592.D
 Acq: 13 Aug 2025 12:55

Tgt Ion:	152	Resp:	1813
Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.3	25.9

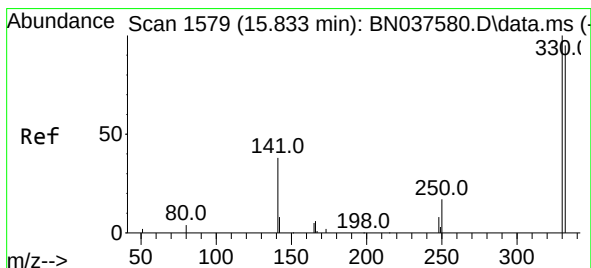
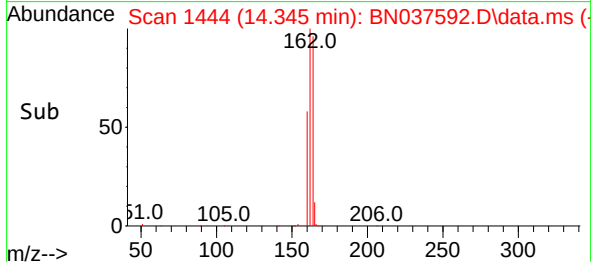
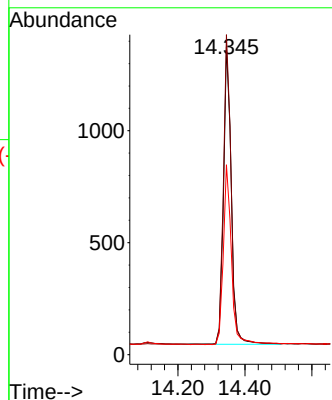
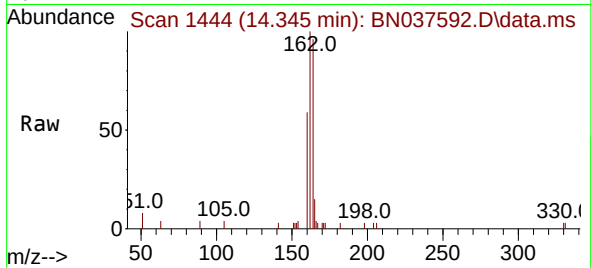




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037592.D
Acq: 13 Aug 2025 12:55

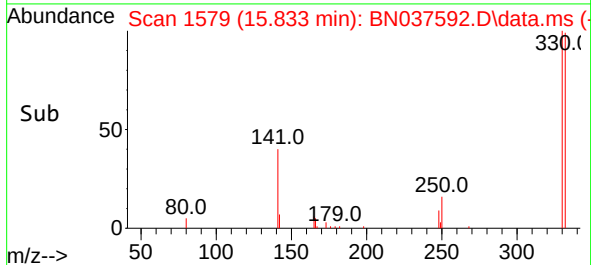
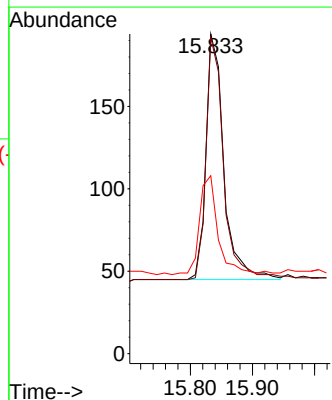
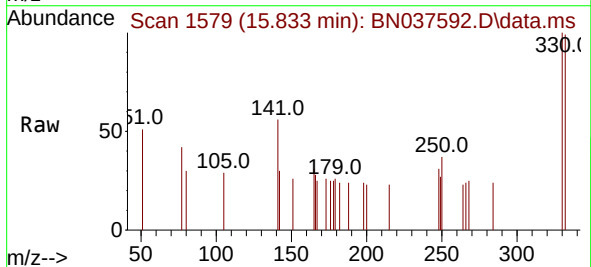
Instrument :
BNA_N
ClientSampleId :
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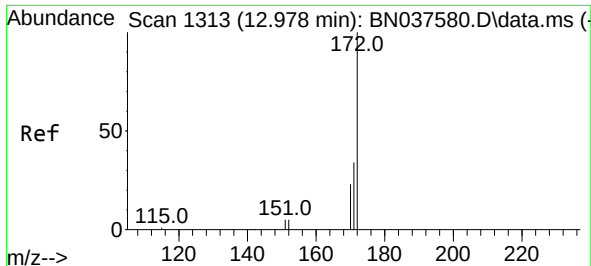
Tgt Ion:164 Resp: 2152
Ion Ratio Lower Upper
164 100
162 103.9 85.5 128.3
160 61.7 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037592.D
Acq: 13 Aug 2025 12:55

Tgt Ion:330 Resp: 299
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 42.5 30.9 46.3

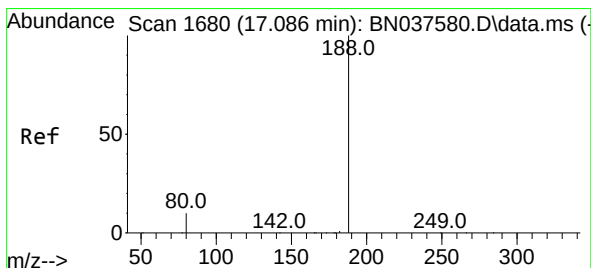
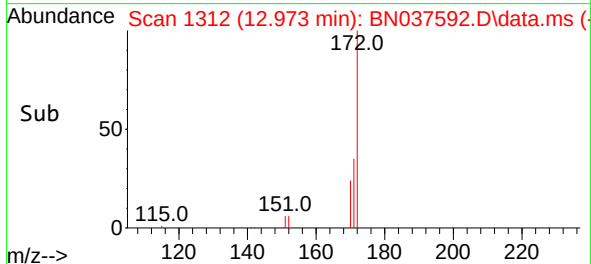
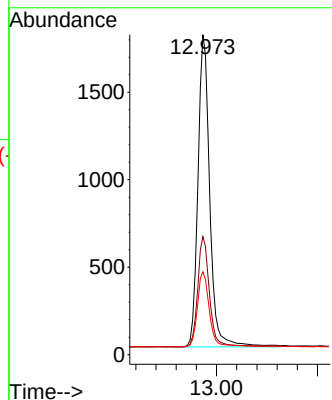
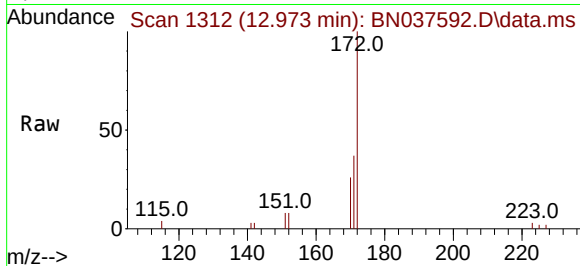




#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 12.973 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037592.D
Acq: 13 Aug 2025 12:55

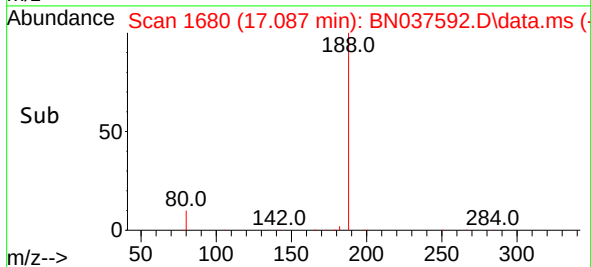
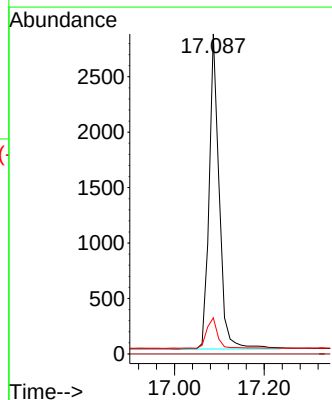
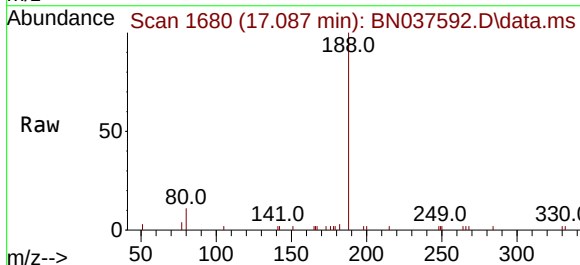
Instrument :
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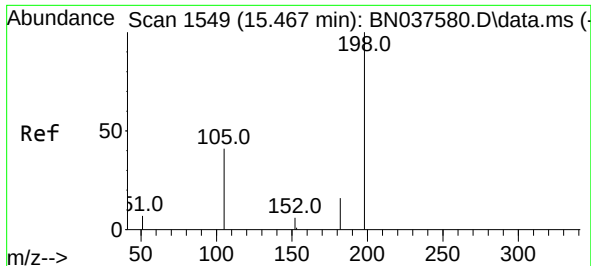
Tgt Ion:	172	Resp:	4097
Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.2	42.4
170	25.9	19.2	28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037592.D
Acq: 13 Aug 2025 12:55

Tgt Ion:	188	Resp:	4414
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	9.1	13.7





#20

4,6-Dinitro-2-methylphenol

Concen: 0.185 ng

RT: 15.446 min Scan# 1547

Delta R.T. -0.021 min

Lab File: BN037592.D

Acq: 13 Aug 2025 12:55

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250807

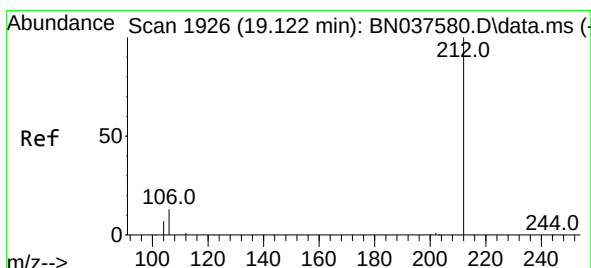
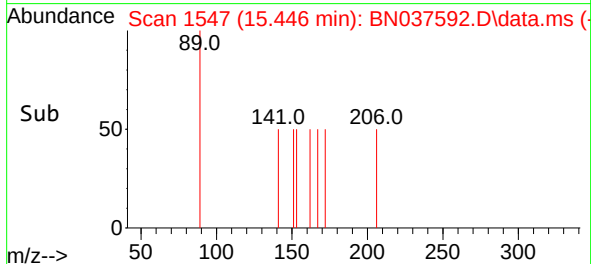
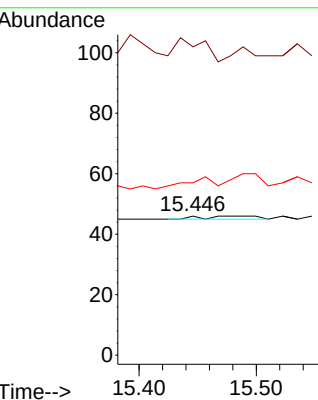
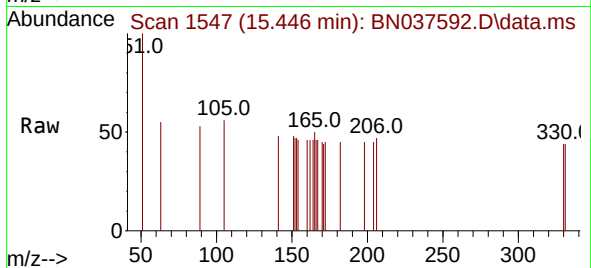
Tgt Ion:198 Resp: 3

Ion Ratio Lower Upper

198 100

51 221.7 81.0 121.6#

105 123.9 52.5 78.7#



#27

Fluoranthene-d10

Concen: 0.368 ng

RT: 19.118 min Scan# 1925

Delta R.T. -0.004 min

Lab File: BN037592.D

Acq: 13 Aug 2025 12:55

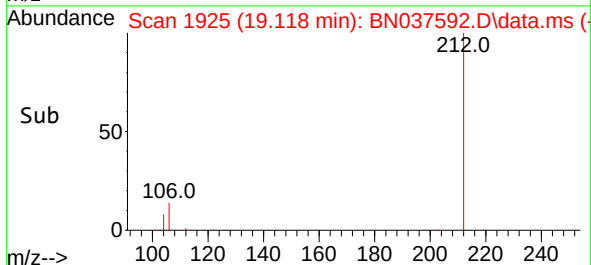
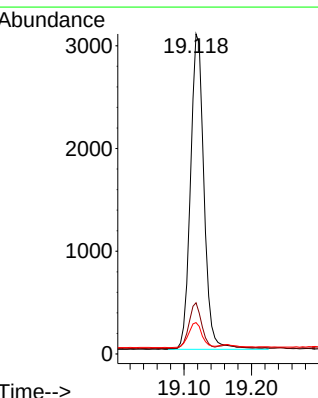
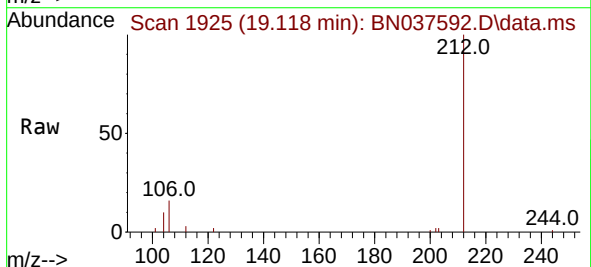
Tgt Ion:212 Resp: 4272

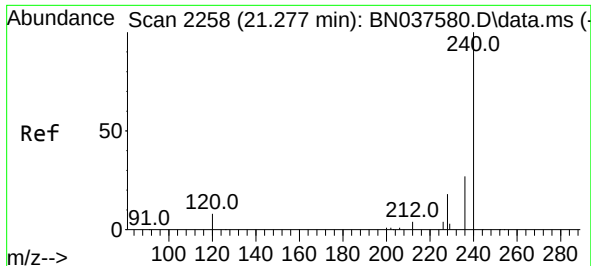
Ion Ratio Lower Upper

212 100

106 13.7 11.5 17.3

104 7.9 6.6 9.8

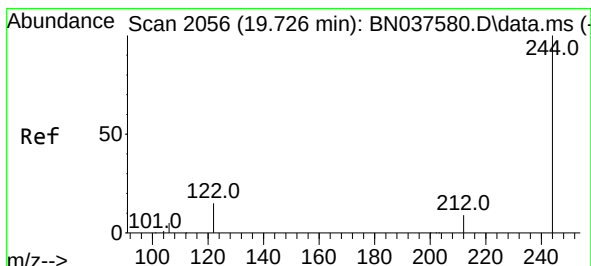
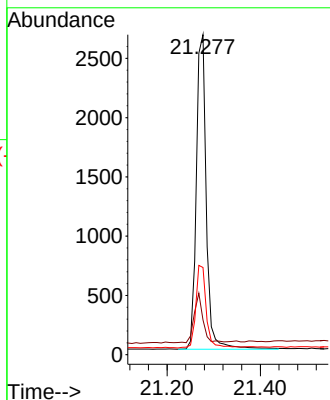
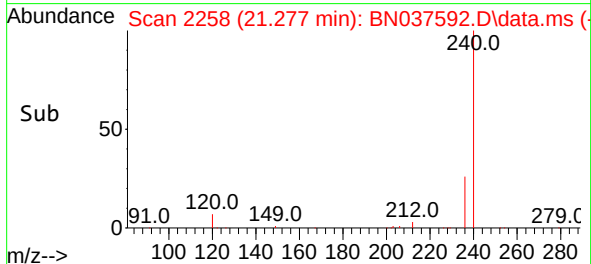
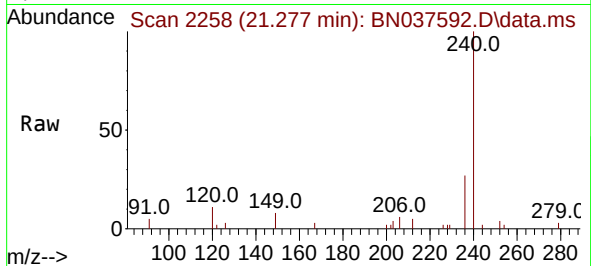




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN037592.D
Acq: 13 Aug 2025 12:55

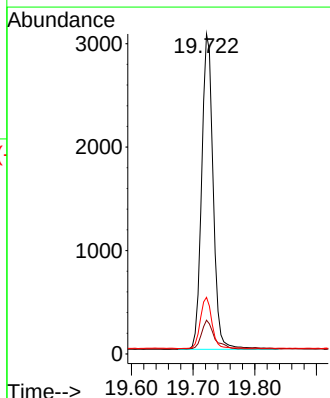
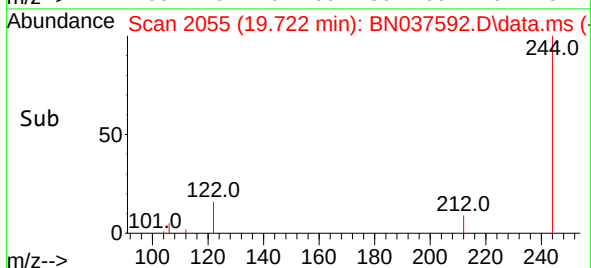
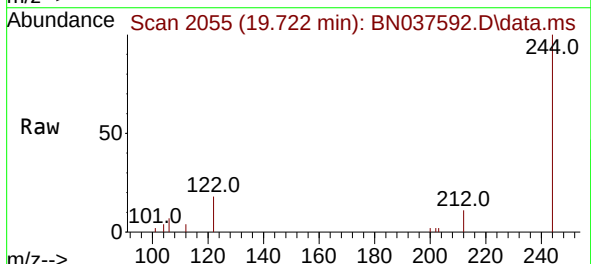
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250807

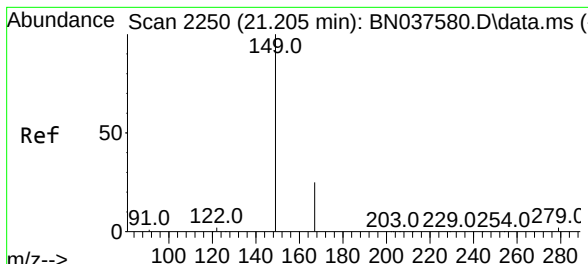
Tgt Ion:240 Resp: 3975
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 27.3 22.6 33.8



#31
Terphenyl-d14
Concen: 0.482 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.004 min
Lab File: BN037592.D
Acq: 13 Aug 2025 12:55

Tgt Ion:244 Resp: 3942
Ion Ratio Lower Upper
244 100
212 10.5 8.2 12.2
122 17.7 13.2 19.8

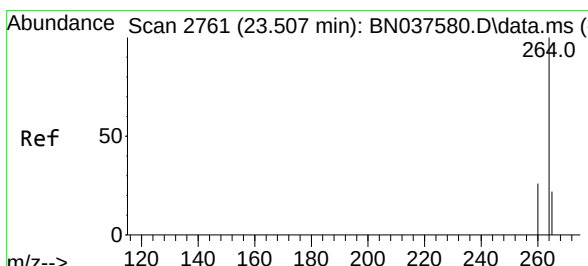
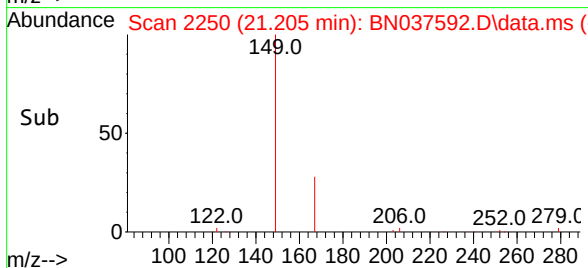
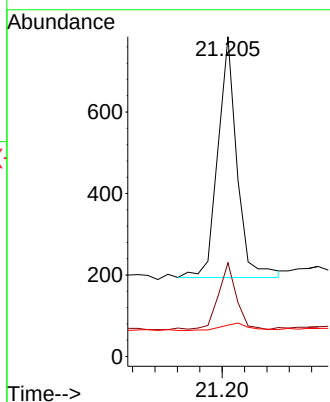
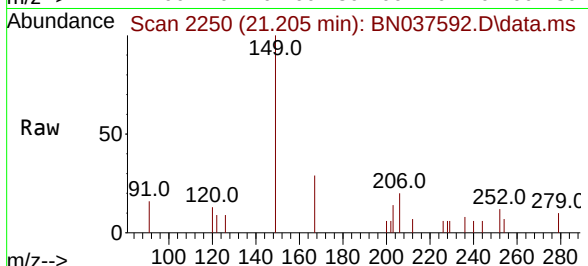




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.128 ng
 RT: 21.205 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN037592.D
 Acq: 13 Aug 2025 12:55

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250807

Tgt Ion:	149	Resp:	701
Ion Ratio	Lower	Upper	
149	100		
167	26.4	20.5	30.7
279	4.4	2.6	4.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.508 min Scan# 2761
 Delta R.T. 0.000 min
 Lab File: BN037592.D
 Acq: 13 Aug 2025 12:55

Tgt Ion:	264	Resp:	3324
Ion Ratio	Lower	Upper	
264	100		
260	27.4	21.6	32.4
265	74.0	48.2	72.4#

