

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037625.D
 Acq On : 20 Aug 2025 08:25
 Operator : RC/JU
 Sample : Q2882-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250814

Quant Time: Aug 20 08:50:52 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)

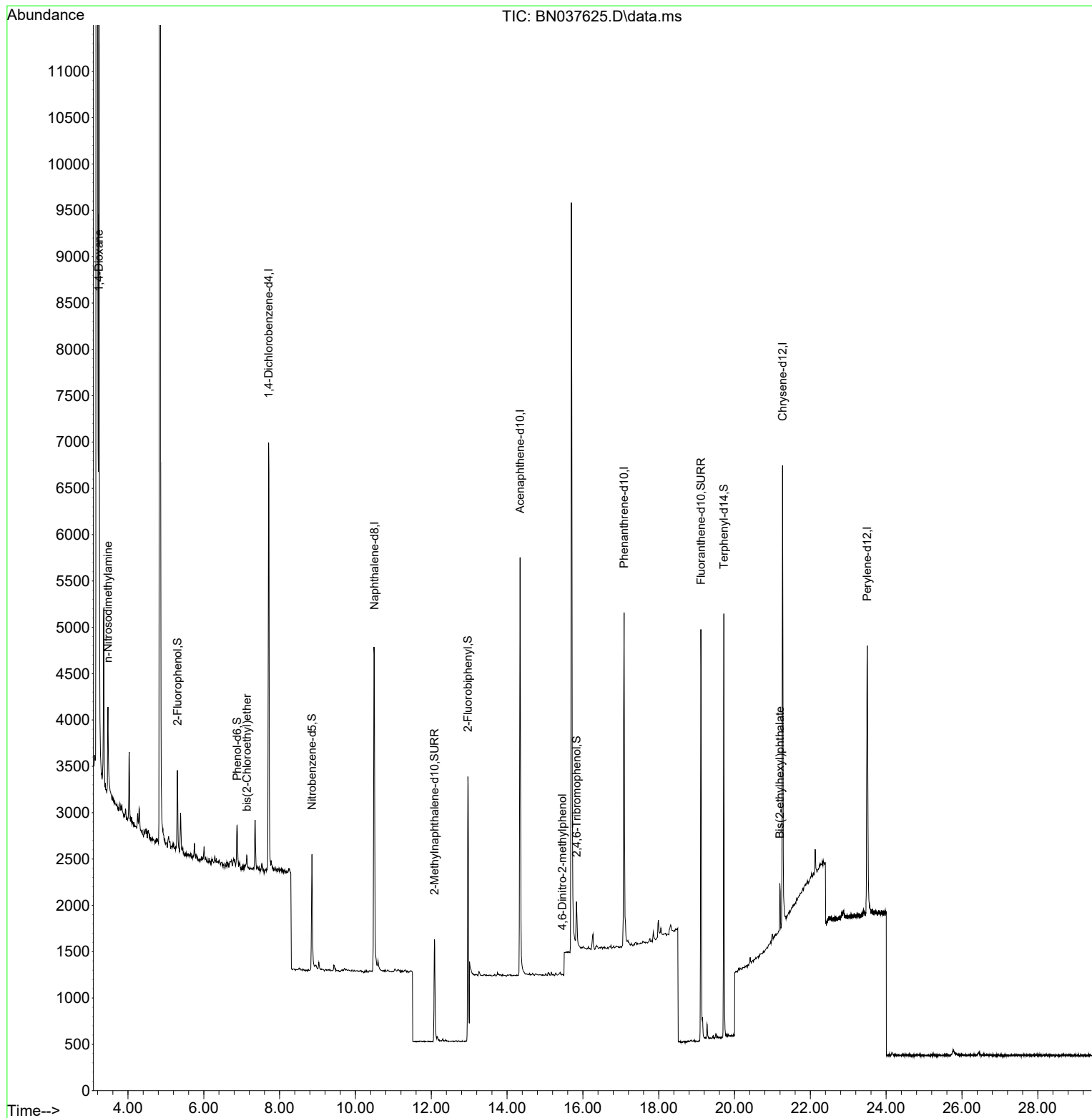
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2353	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5433	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2588	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5428	0.400	ng	0.00
29) Chrysene-d12	21.268	240	4730	0.400	ng	# 0.00
35) Perylene-d12	23.501	264	4157	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	675	0.127	ng	0.00
5) Phenol-d6	6.879	99	446	0.069	ng	0.00
8) Nitrobenzene-d5	8.854	82	1124	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	1686	0.228	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	328	0.290	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	4052	0.271	ng	-0.01
27) Fluoranthene-d10	19.113	212	5003	0.350	ng	0.00
31) Terphenyl-d14	19.717	244	4225	0.434	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.232	88	6234	2.769	ng	97
3) n-Nitrosodimethylamine	3.470	42	372	0.129	ng	# 1
6) bis(2-Chloroethyl)ether	7.139	93	116	0.020	ng	# 77
20) 4,6-Dinitro-2-methylph...	15.456	198	1	0.182	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	539	0.083	ng	# 92

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

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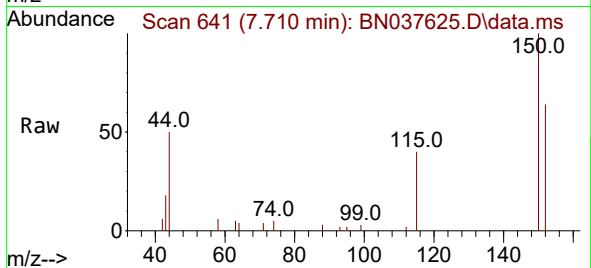
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration



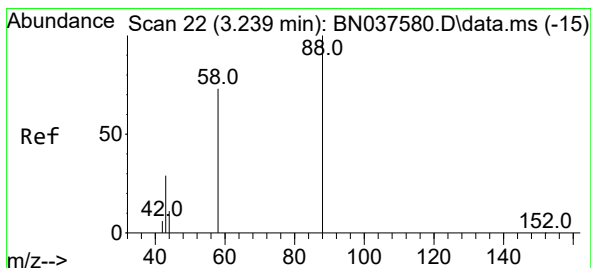
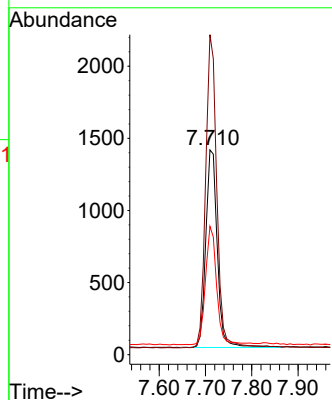
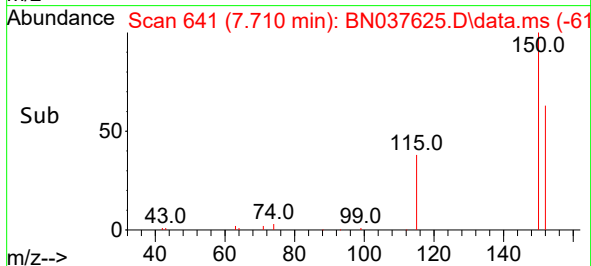


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037625.D
 Acq: 20 Aug 2025 08:25

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250814

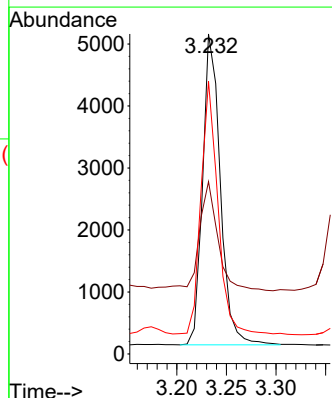
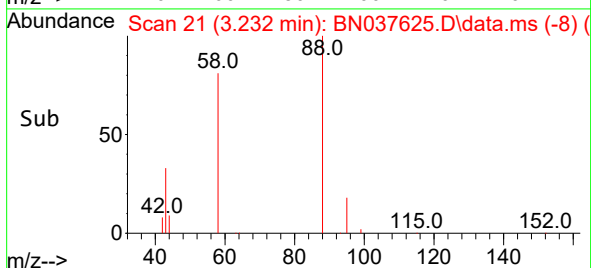
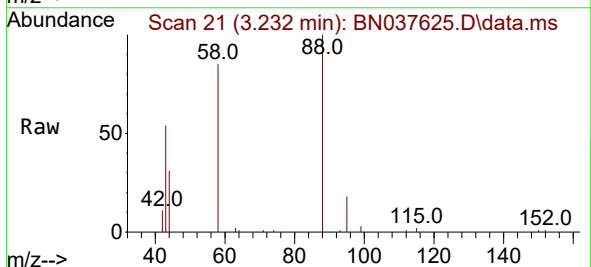


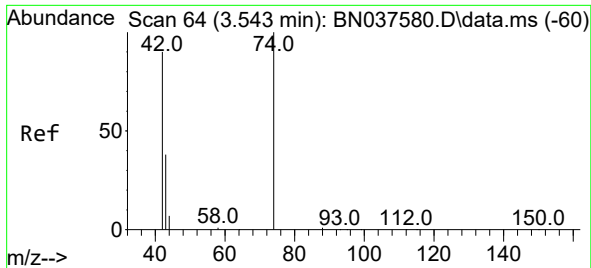
Tgt Ion:152 Resp: 2353
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.2 183.4
 115 62.7 49.8 74.6



#2
 1,4-Dioxane
 Concen: 2.769 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN037625.D
 Acq: 20 Aug 2025 08:25

Tgt Ion: 88 Resp: 6234
 Ion Ratio Lower Upper
 88 100
 43 37.3 25.8 38.6
 58 77.2 61.2 91.8

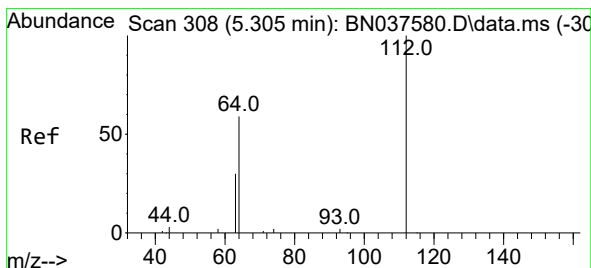
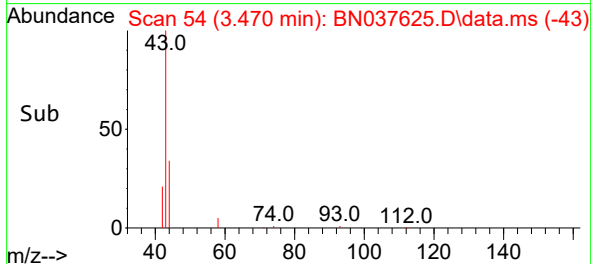
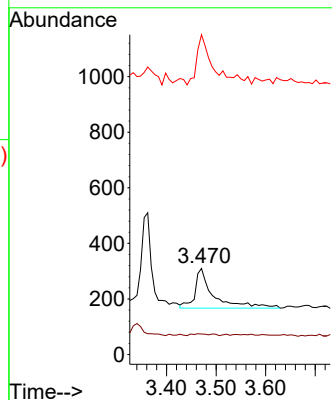
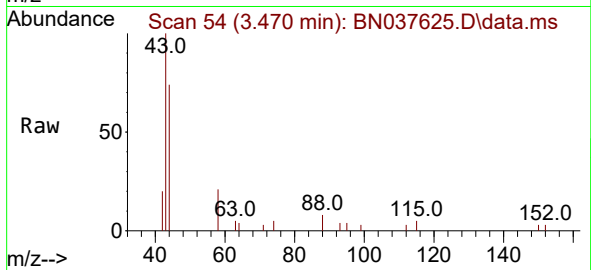




#3
n-Nitrosodimethylamine
Concen: 0.129 ng
RT: 3.470 min Scan# 54
Delta R.T. -0.072 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

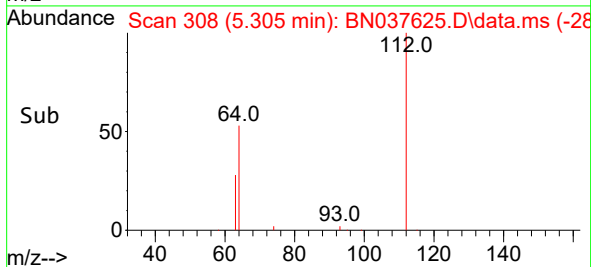
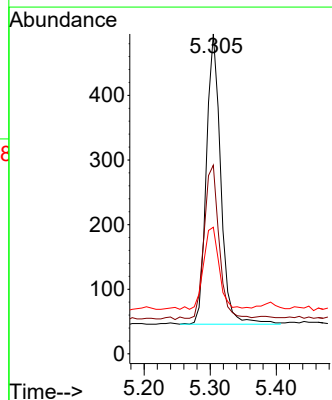
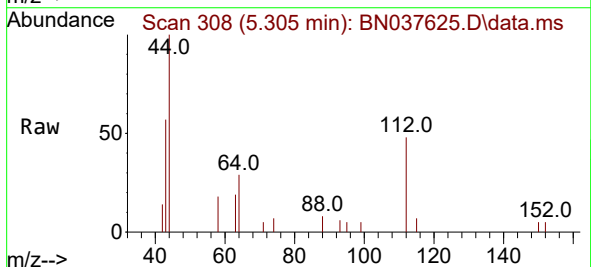
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250814

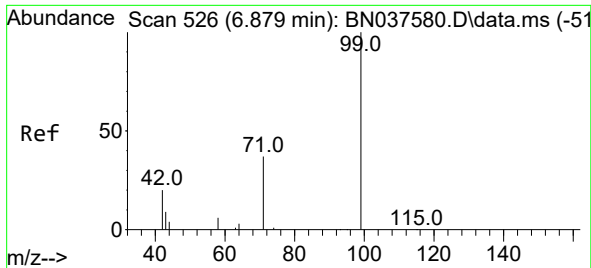
Tgt Ion: 42 Resp: 372
Ion Ratio Lower Upper
42 100
74 3.5 82.0 123.0#
44 102.2 7.9 11.9#



#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.305 min Scan# 308
Delta R.T. -0.000 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

Tgt Ion: 112 Resp: 675
Ion Ratio Lower Upper
112 100
64 56.7 44.9 67.3
63 31.6 23.4 35.2

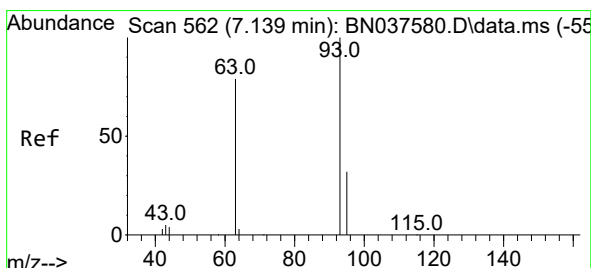
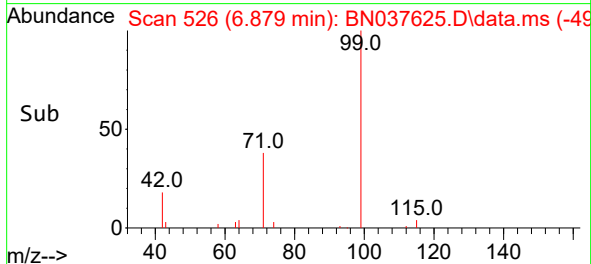
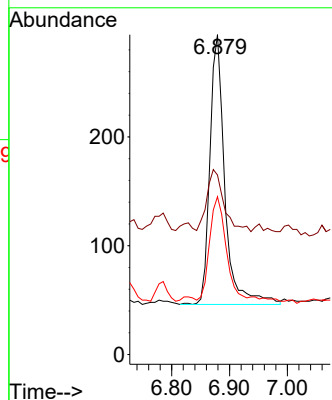
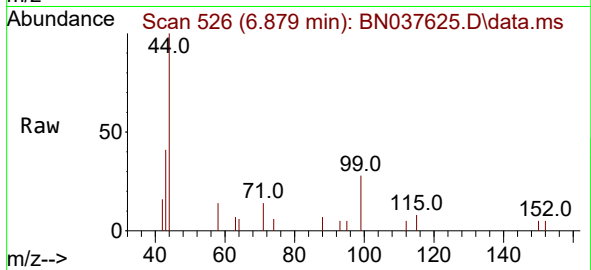




#5
Phenol-d6
Concen: 0.069 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

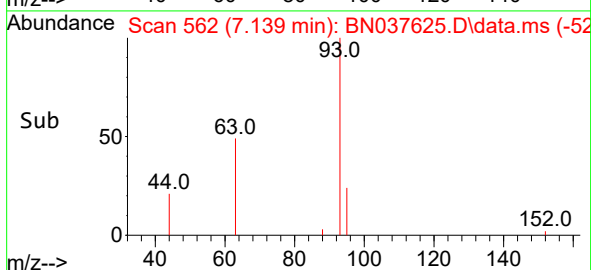
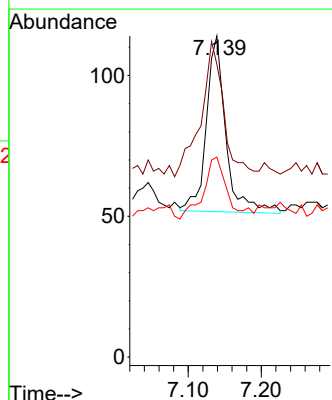
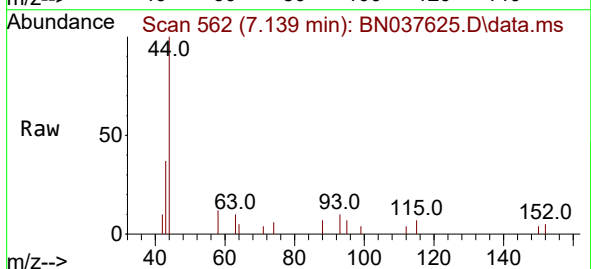
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250814

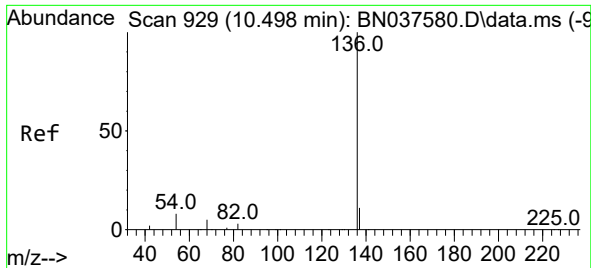
Tgt Ion: 99 Resp: 446
Ion Ratio Lower Upper
99 100
42 27.8 18.5 27.7#
71 44.4 28.6 42.8#



#6
bis(2-Chloroethyl)ether
Concen: 0.020 ng
RT: 7.139 min Scan# 562
Delta R.T. -0.000 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

Tgt Ion: 93 Resp: 116
Ion Ratio Lower Upper
93 100
63 93.1 58.0 87.0#
95 41.4 24.9 37.3#

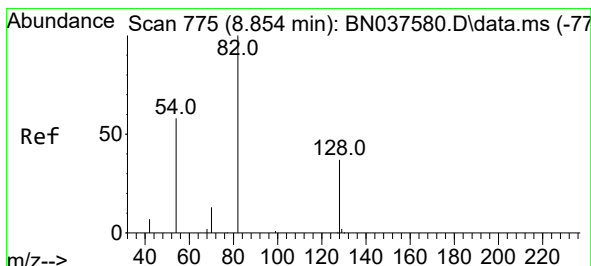
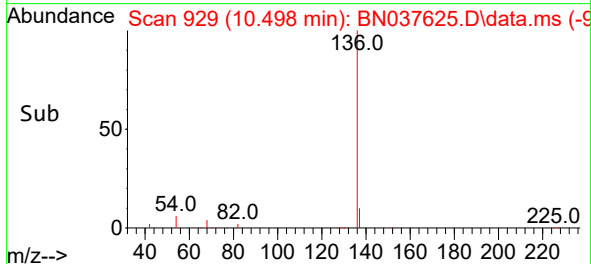
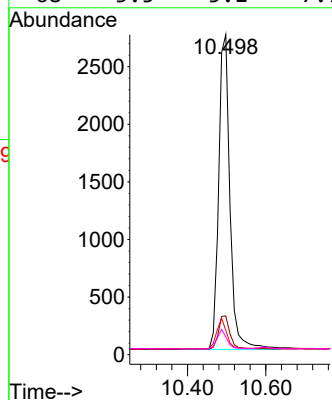
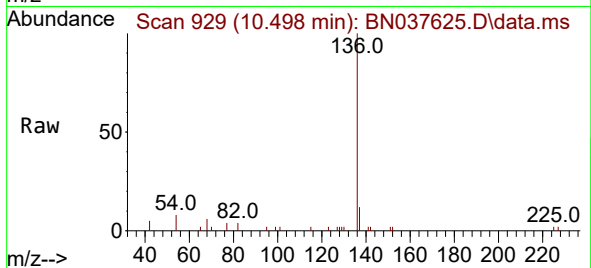




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

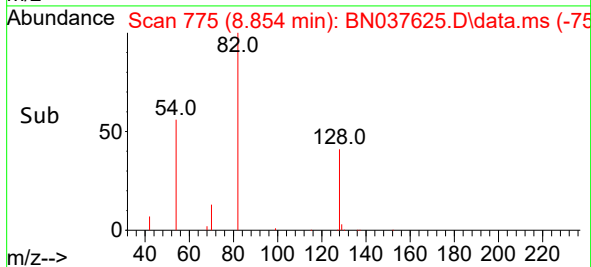
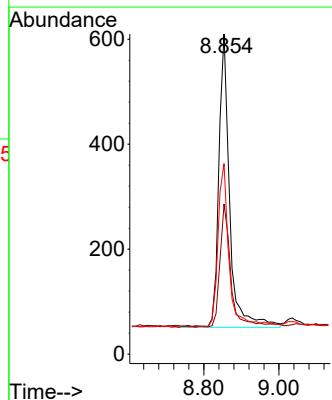
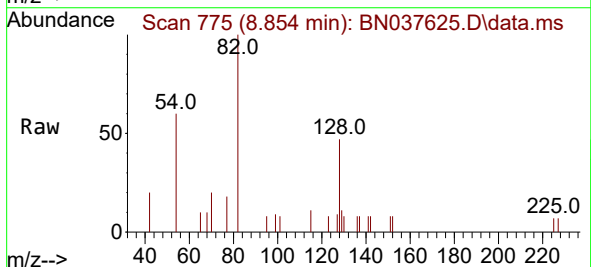
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250814

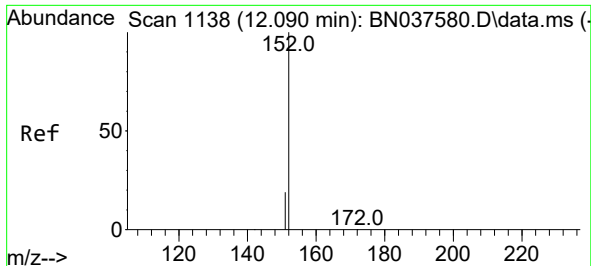
Tgt Ion:	136	Resp:	5433
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	7.6	7.3	10.9
68	5.5	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.000 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

Tgt Ion:	82	Resp:	1124
Ion	Ratio	Lower	Upper
82	100		
128	46.9	32.6	48.8
54	59.5	48.9	73.3

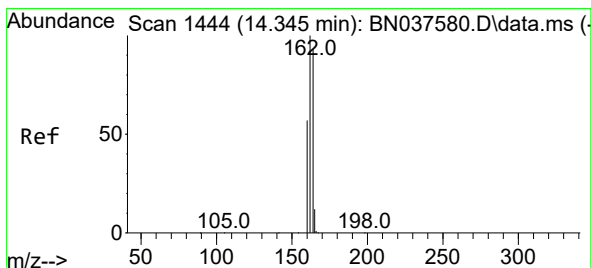
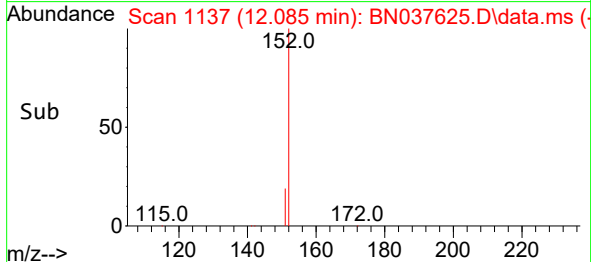
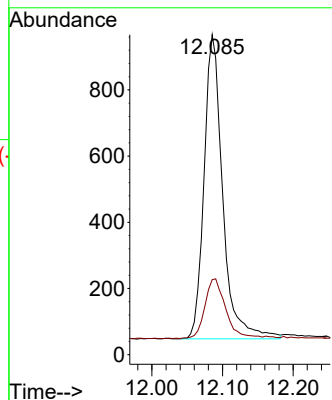
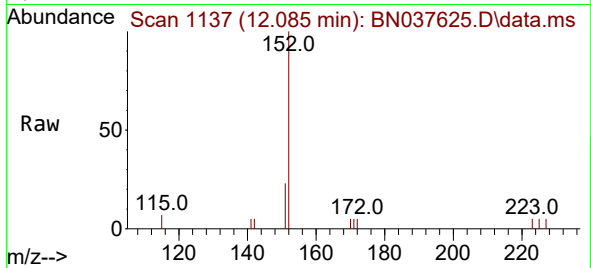




#11
2-Methylnaphthalene-d10
Concen: 0.228 ng
RT: 12.085 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

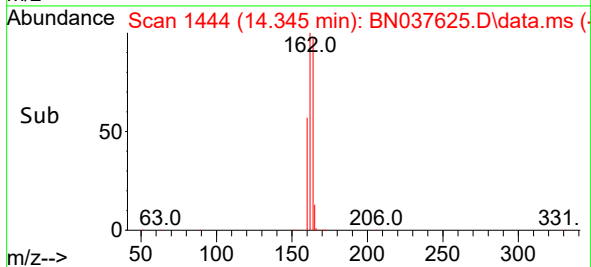
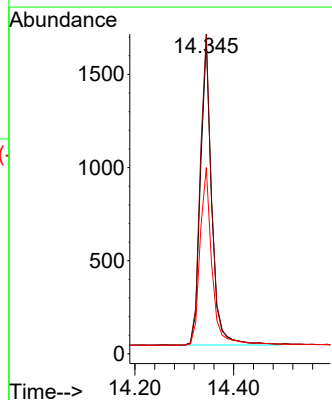
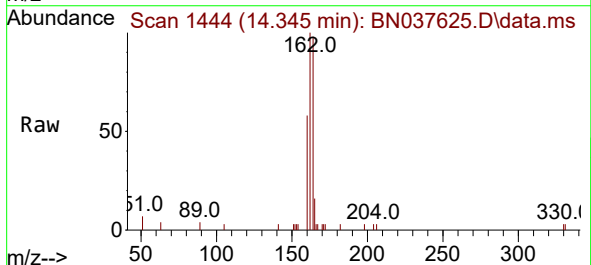
Instrument :
BNA_N
ClientSampleId :
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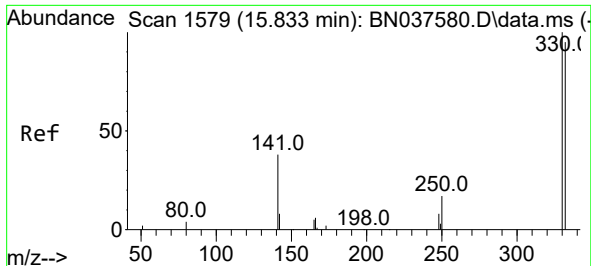
Tgt Ion:152 Resp: 1686
Ion Ratio Lower Upper
152 100
151 21.8 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

Tgt Ion:164 Resp: 2588
Ion Ratio Lower Upper
164 100
162 102.3 85.5 128.3
160 59.6 49.5 74.3

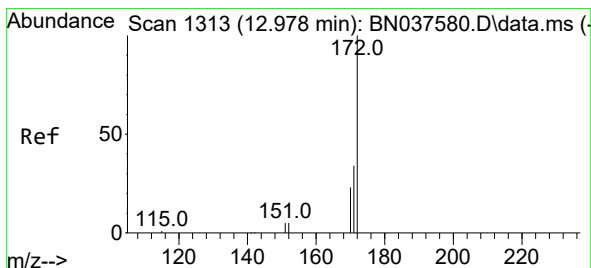
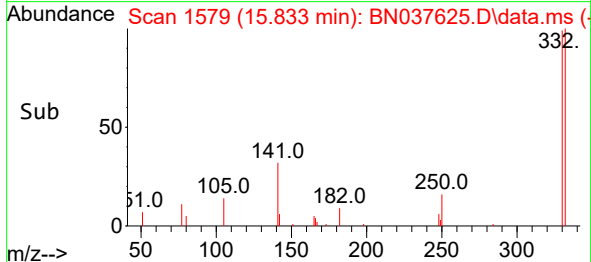
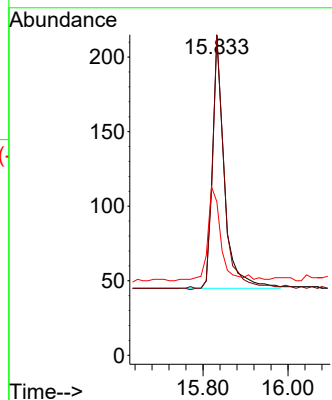
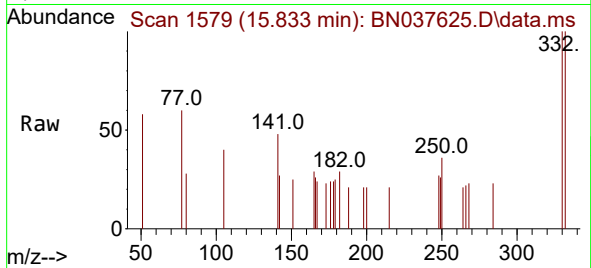




#14
2,4,6-Tribromophenol
Concen: 0.290 ng
RT: 15.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

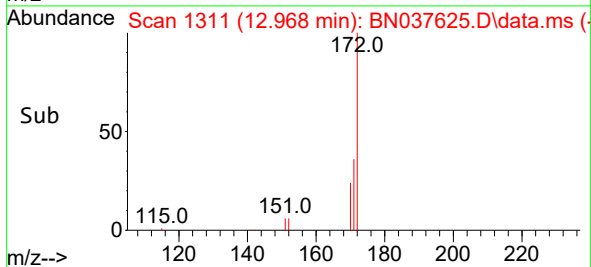
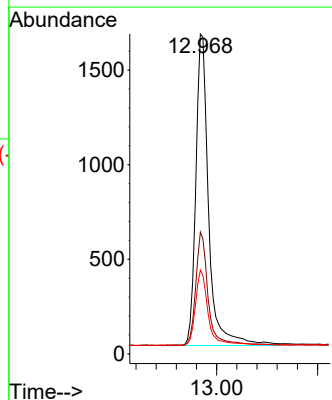
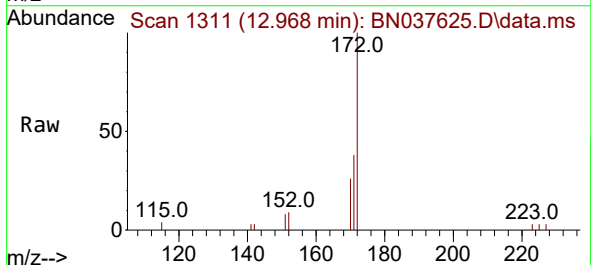
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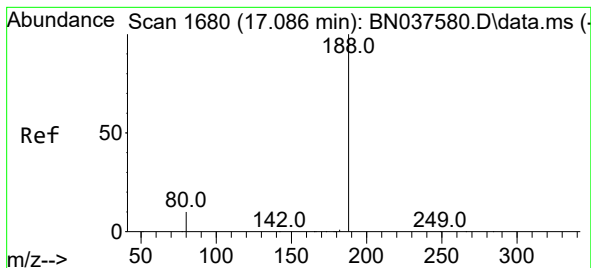
Tgt Ion:330 Resp: 328
Ion Ratio Lower Upper
330 100
332 100.6 77.4 116.0
141 42.1 30.9 46.3



#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.010 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

Tgt Ion:172 Resp: 4052
Ion Ratio Lower Upper
172 100
171 38.1 28.2 42.4
170 26.2 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037625.D

Acq: 20 Aug 2025 08:25

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250814

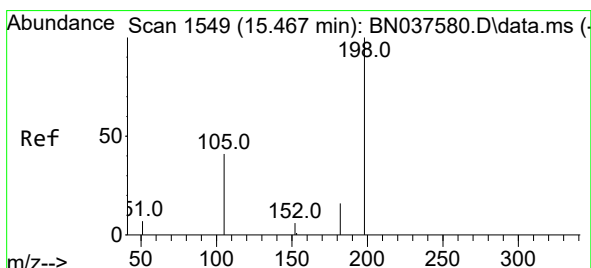
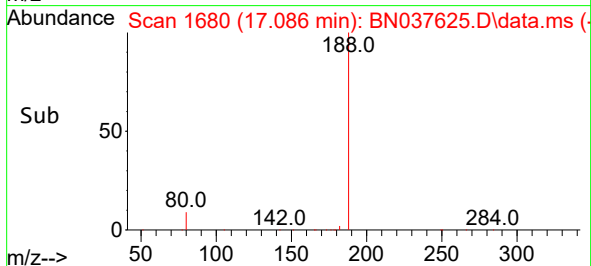
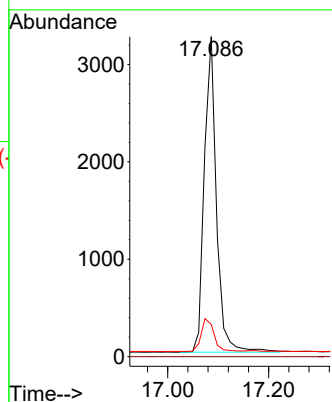
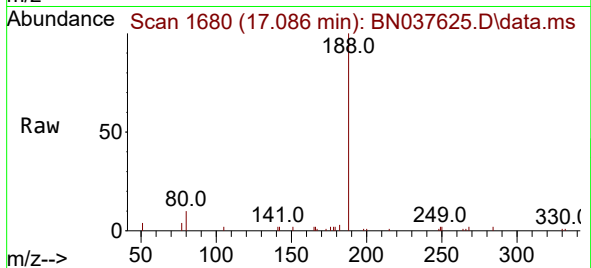
Tgt Ion:188 Resp: 5428

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 9.1 13.7



#20

4,6-Dinitro-2-methylphenol

Concen: 0.182 ng

RT: 15.456 min Scan# 1548

Delta R.T. -0.011 min

Lab File: BN037625.D

Acq: 20 Aug 2025 08:25

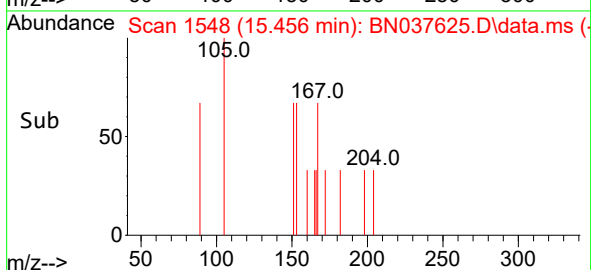
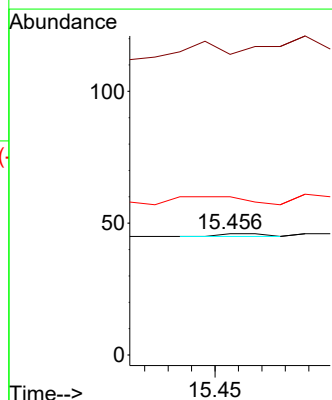
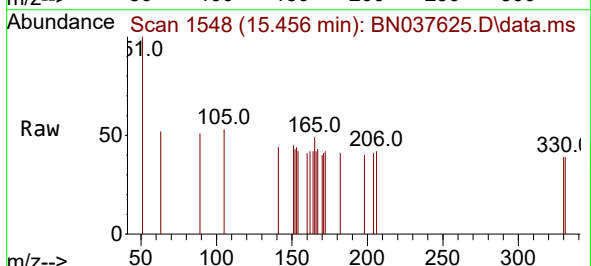
Tgt Ion:198 Resp: 1

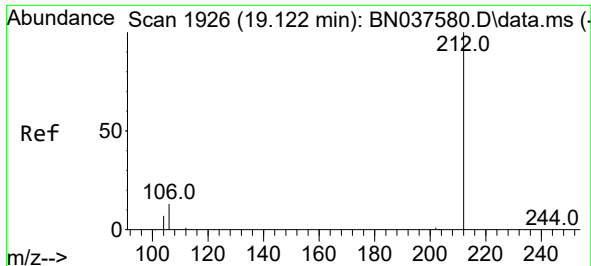
Ion Ratio Lower Upper

198 100

51 247.8 81.0 121.6#

105 130.4 52.5 78.7#

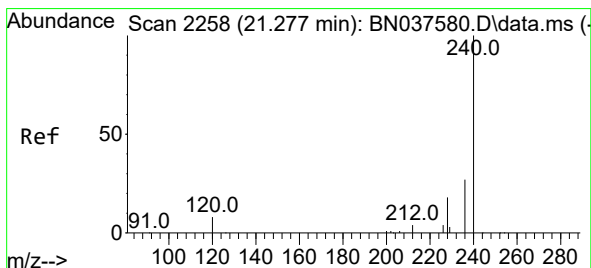
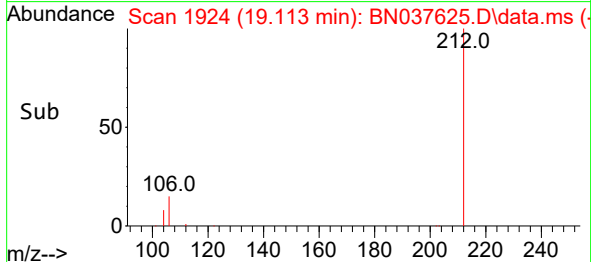
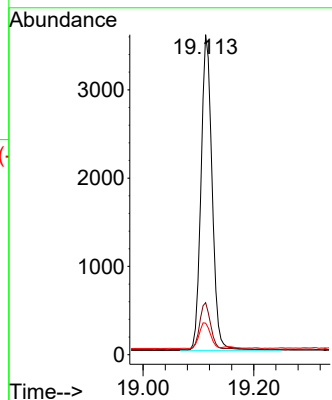
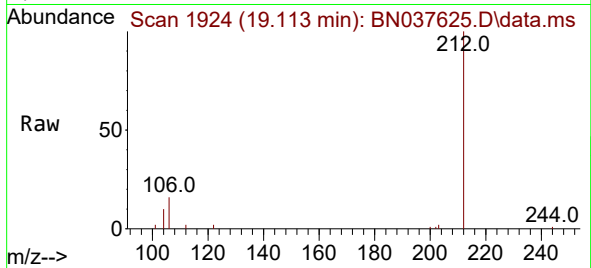




#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.009 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

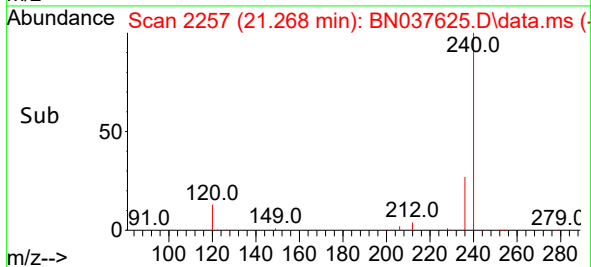
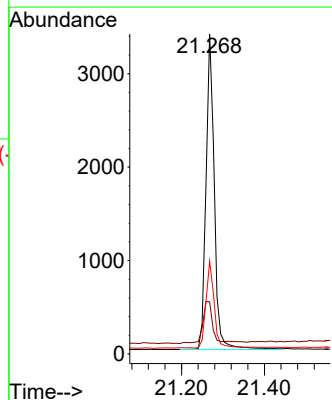
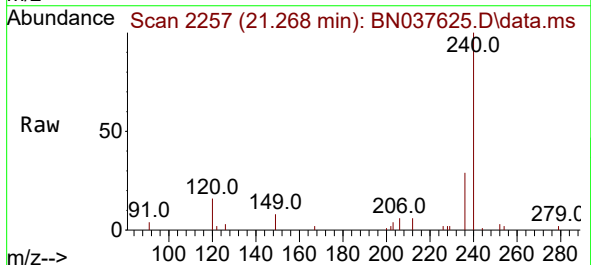
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250814

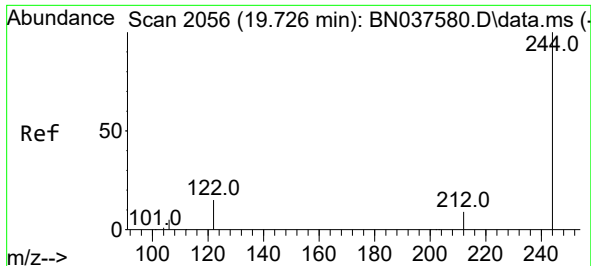
Tgt Ion:212 Resp: 5003
Ion Ratio Lower Upper
212 100
106 14.6 11.5 17.3
104 8.3 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037625.D
Acq: 20 Aug 2025 08:25

Tgt Ion:240 Resp: 4730
Ion Ratio Lower Upper
240 100
120 16.3 8.9 13.3#
236 28.9 22.6 33.8

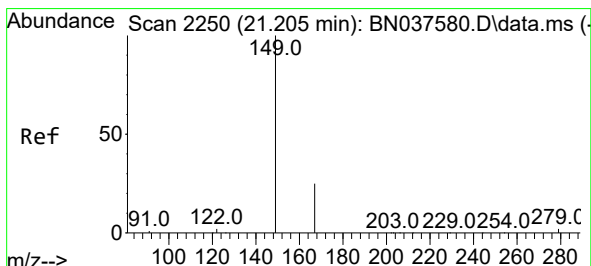
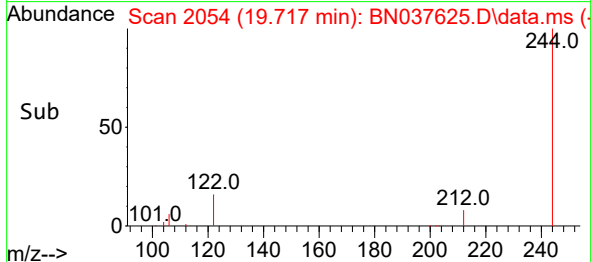
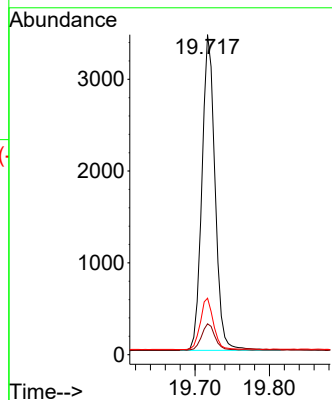
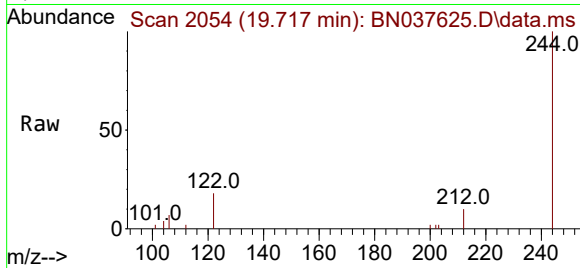




#31
 Terphenyl-d14
 Concen: 0.434 ng
 RT: 19.717 min Scan# 2054
 Delta R.T. -0.009 min
 Lab File: BN037625.D
 Acq: 20 Aug 2025 08:25

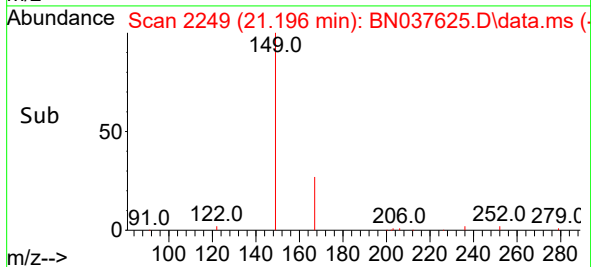
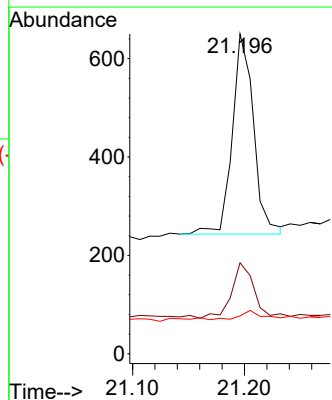
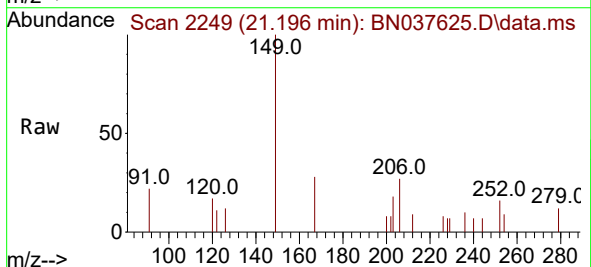
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250814

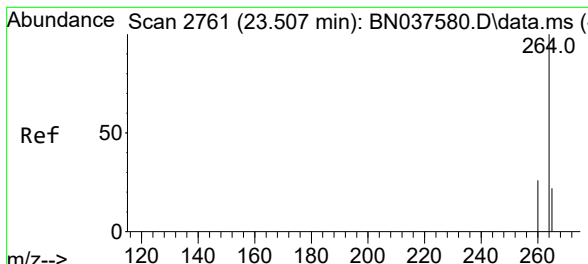
Tgt Ion:244 Resp: 4225
 Ion Ratio Lower Upper
 244 100
 212 9.6 8.2 12.2
 122 17.6 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 21.196 min Scan# 2249
 Delta R.T. -0.009 min
 Lab File: BN037625.D
 Acq: 20 Aug 2025 08:25

Tgt Ion:149 Resp: 539
 Ion Ratio Lower Upper
 149 100
 167 29.7 20.5 30.7
 279 5.9 2.6 4.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.501 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN037625.D
 Acq: 20 Aug 2025 08:25

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250814

Tgt Ion:264 Resp: 4157

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.6	32.4
265	76.4	48.2	72.4#

