

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082025\
 Data File : BN037637.D
 Acq On : 20 Aug 2025 19:22
 Operator : RC/JU
 Sample : Q2885-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250814

Quant Time: Aug 21 04:57:36 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)

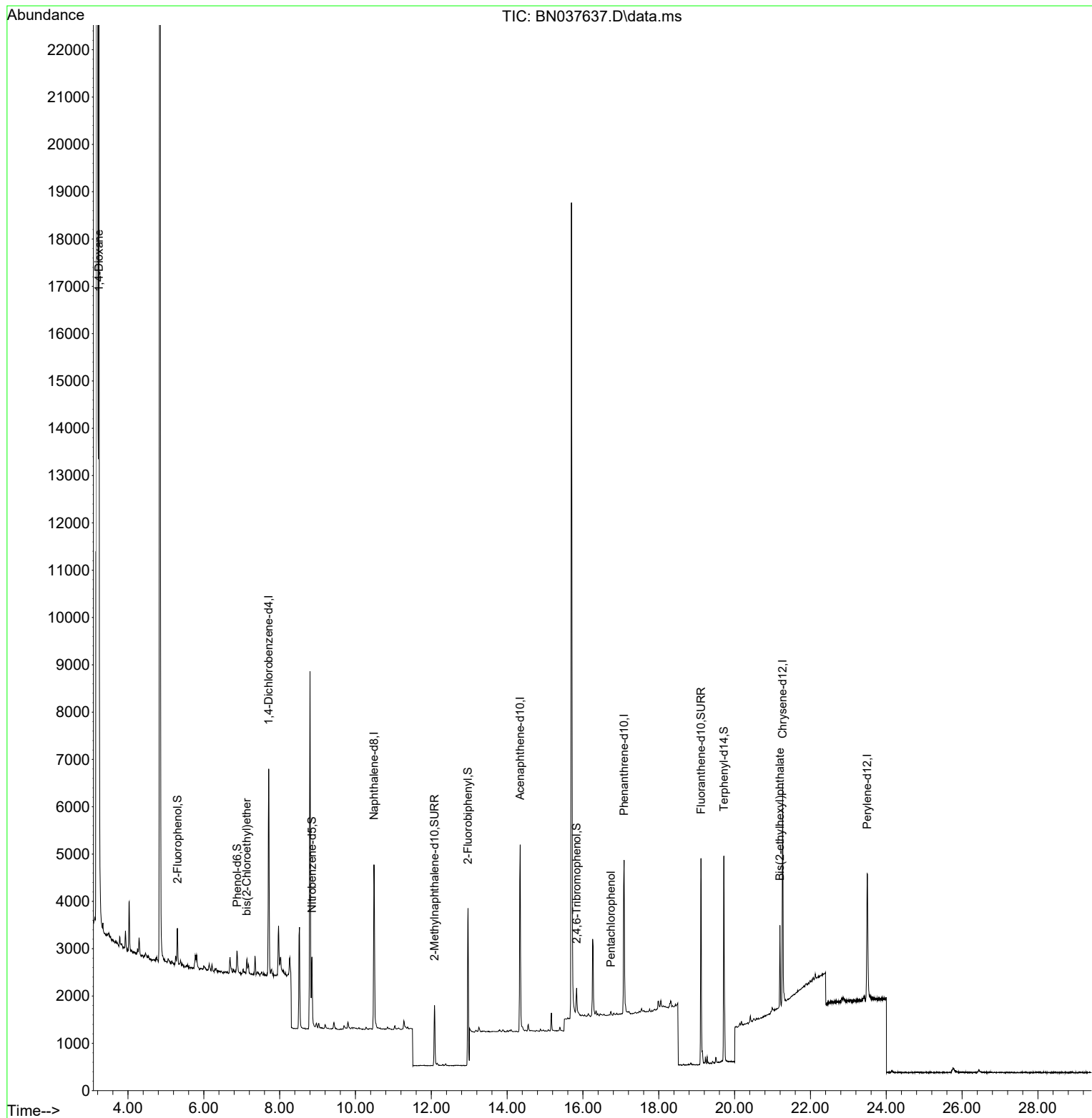
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	2105	0.400	ng	0.00
7) Naphthalene-d8	10.487	136	4906	0.400	ng	#-0.01
13) Acenaphthene-d10	14.345	164	2332	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5055	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	4261	0.400	ng	# 0.00
35) Perylene-d12	23.499	264	3736	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	631	0.132	ng	0.00
5) Phenol-d6	6.879	99	426	0.074	ng	0.00
8) Nitrobenzene-d5	8.854	82	1237	0.358	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	1861	0.279	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	371	0.364	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	4388	0.325	ng	-0.01
27) Fluoranthene-d10	19.113	212	4911	0.369	ng	0.00
31) Terphenyl-d14	19.717	244	3906	0.446	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	11309	5.615	ng	Qvalue 98
6) bis(2-Chloroethyl)ether	7.132	93	200	0.039	ng	# 78
24) Pentachlorophenol	16.739	266	55	0.035	ng	96
34) Bis(2-ethylhexyl)phtha...	21.196	149	1455	0.248	ng	97

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

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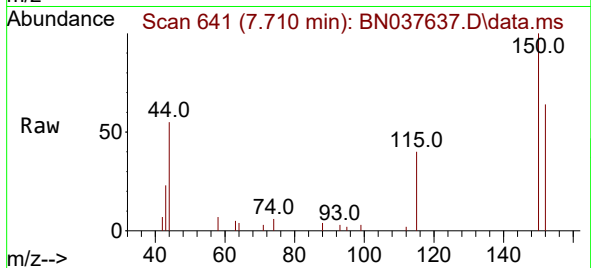
Quant Time: Aug 21 04:57:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
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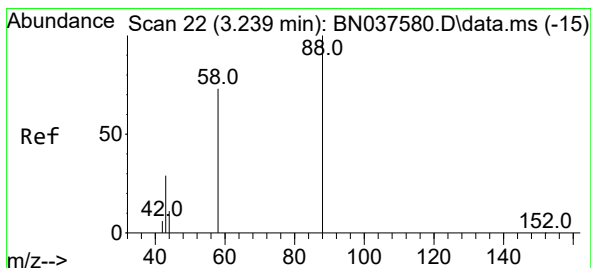
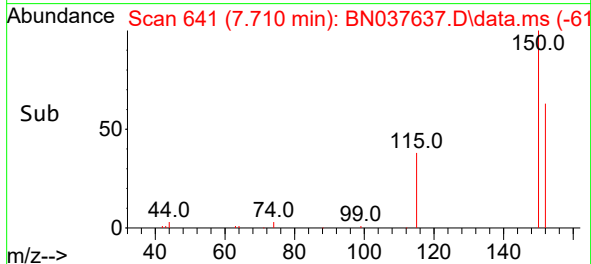
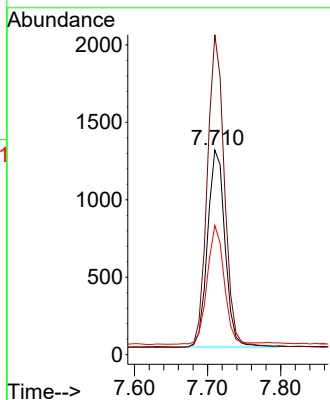


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.710 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN037637.D
 Acq: 20 Aug 2025 19:22

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250814

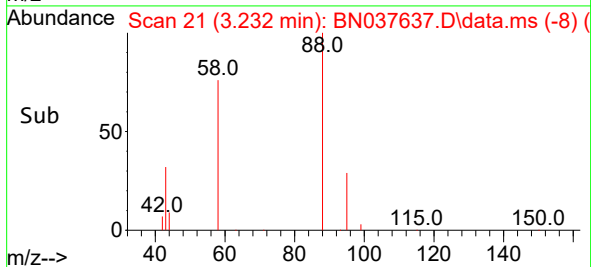
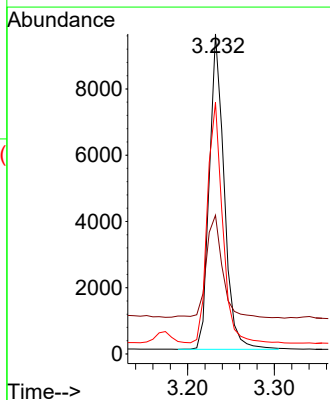
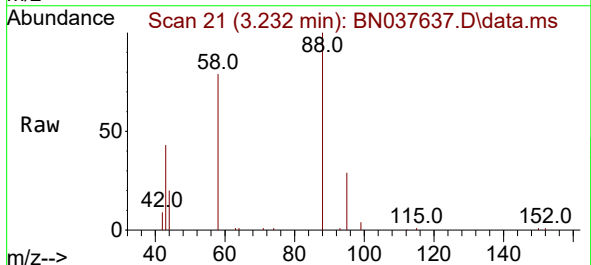


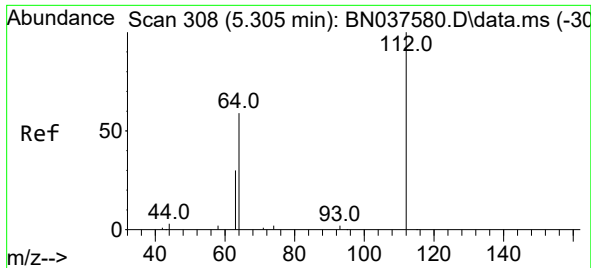
Tgt Ion:152 Resp: 2105
 Ion Ratio Lower Upper
 152 100
 150 156.4 122.2 183.4
 115 63.1 49.8 74.6



#2
 1,4-Dioxane
 Concen: 5.615 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN037637.D
 Acq: 20 Aug 2025 19:22

Tgt Ion: 88 Resp: 11309
 Ion Ratio Lower Upper
 88 100
 43 35.1 25.8 38.6
 58 77.6 61.2 91.8

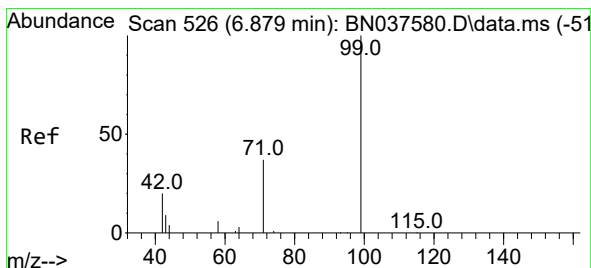
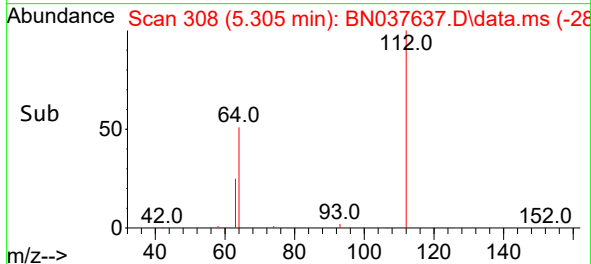
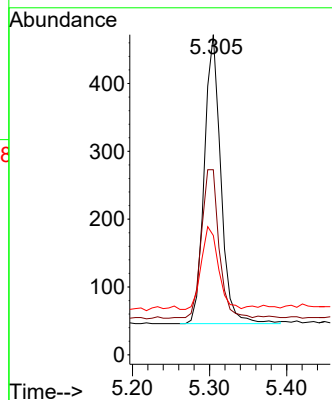
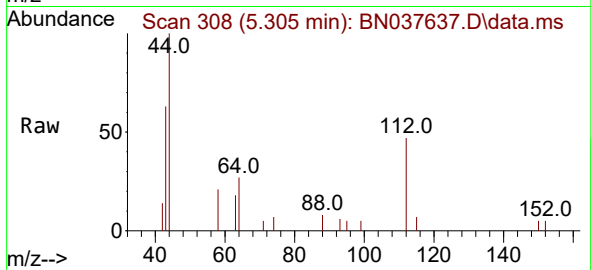




#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037637.D
Acq: 20 Aug 2025 19:22

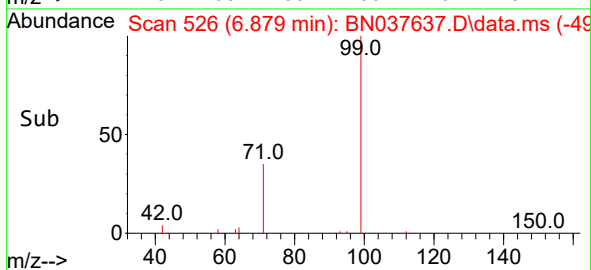
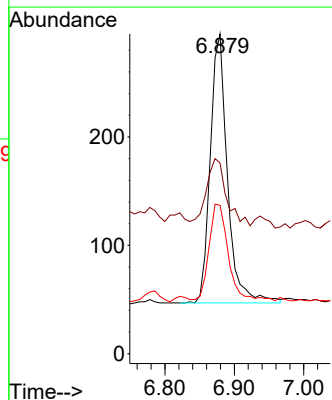
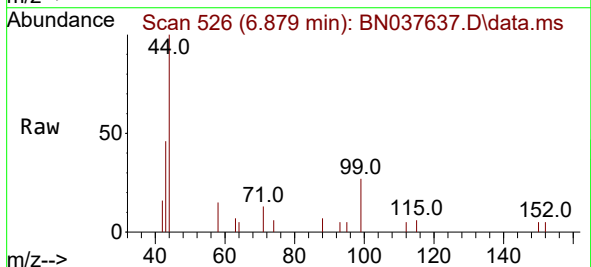
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250814

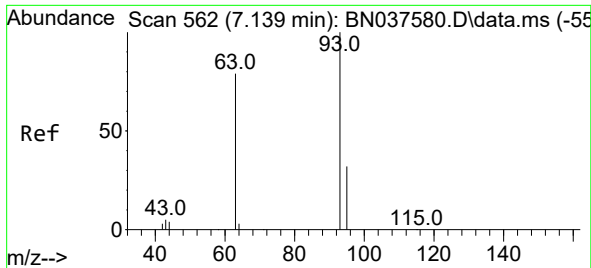
Tgt Ion:	112	Resp:	631
Ion	Ratio	Lower	Upper
112	100		
64	55.0	44.9	67.3
63	29.5	23.4	35.2



#5
Phenol-d6
Concen: 0.074 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037637.D
Acq: 20 Aug 2025 19:22

Tgt Ion:	99	Resp:	426
Ion	Ratio	Lower	Upper
99	100		
42	29.1	18.5	27.7#
71	39.9	28.6	42.8

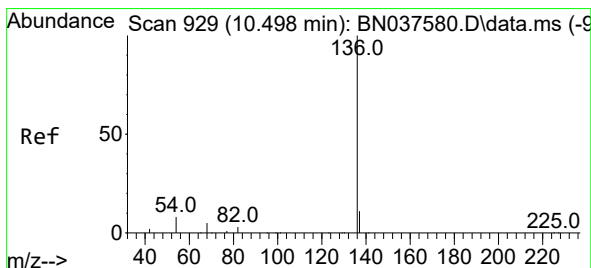
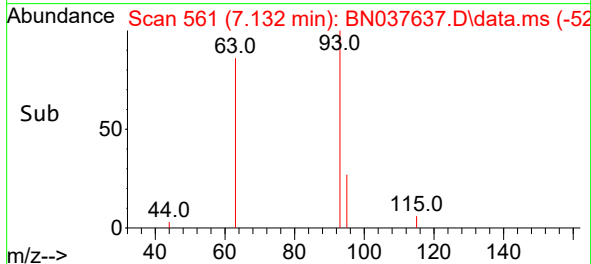
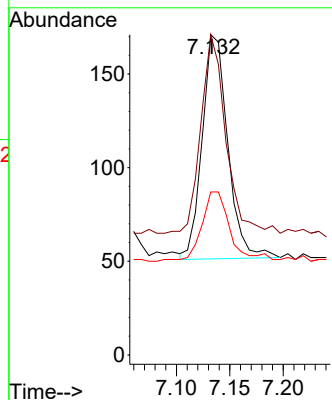
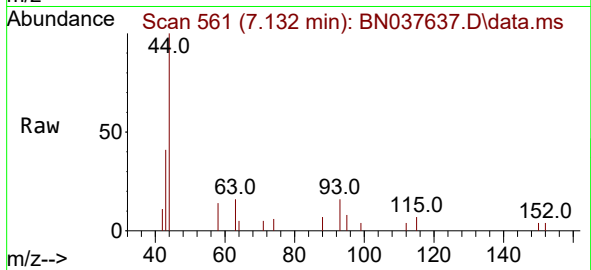




#6
bis(2-Chloroethyl)ether
Concen: 0.039 ng
RT: 7.132 min Scan# 561
Delta R.T. -0.007 min
Lab File: BN037637.D
Acq: 20 Aug 2025 19:22

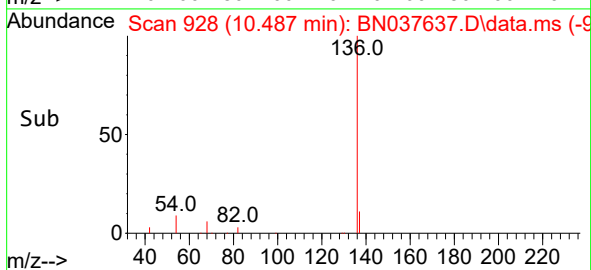
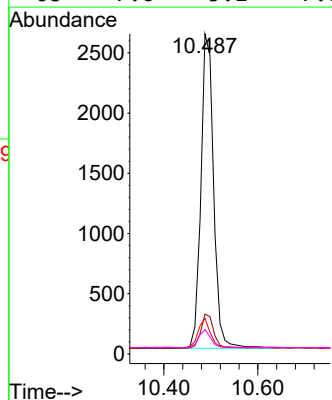
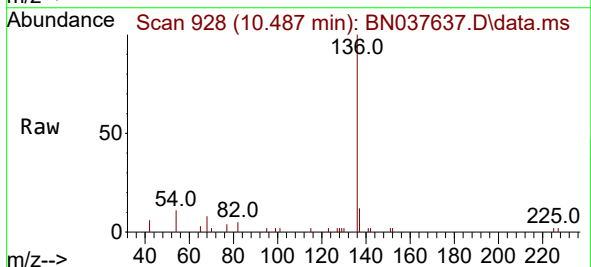
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250814

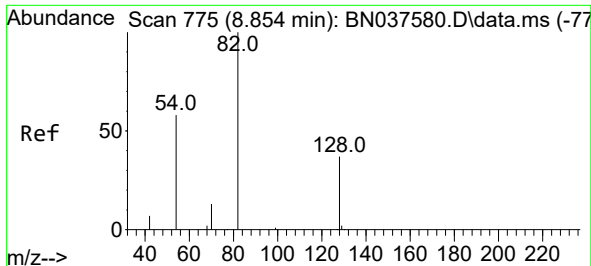
Tgt Ion: 93 Resp: 200
Ion Ratio Lower Upper
93 100
63 96.0 58.0 87.0#
95 34.5 24.9 37.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. -0.011 min
Lab File: BN037637.D
Acq: 20 Aug 2025 19:22

Tgt Ion: 136 Resp: 4906
Ion Ratio Lower Upper
136 100
137 12.4 9.5 14.3
54 11.1 7.3 10.9#
68 7.6 5.1 7.7

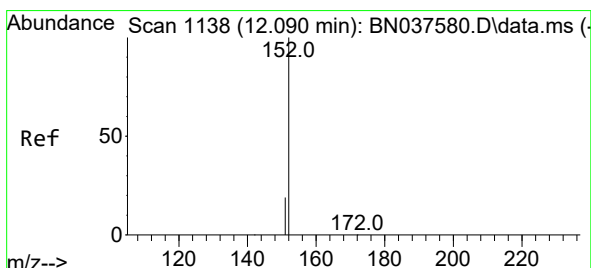
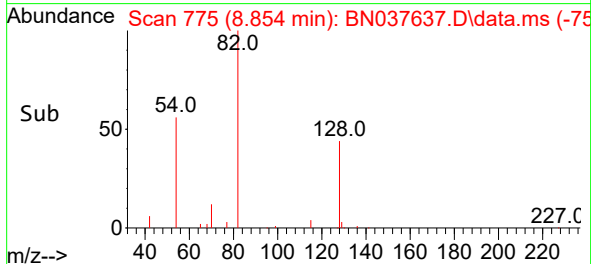
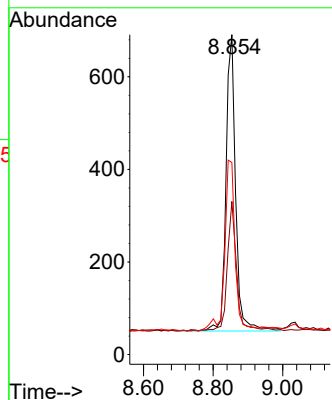
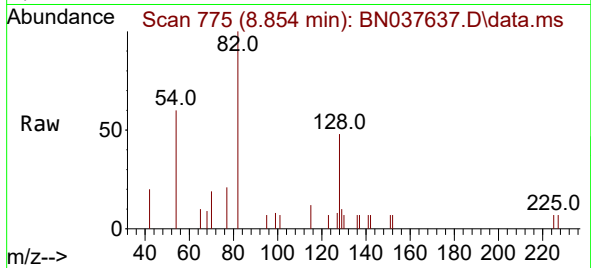




#8
 Nitrobenzene-d5
 Concen: 0.358 ng
 RT: 8.854 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN037637.D
 Acq: 20 Aug 2025 19:22

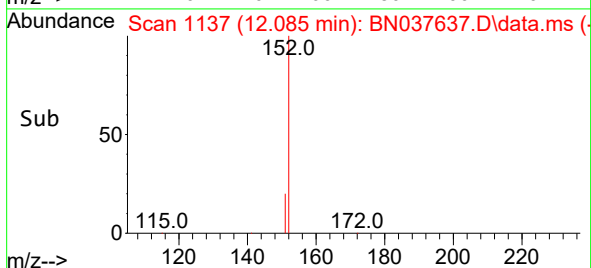
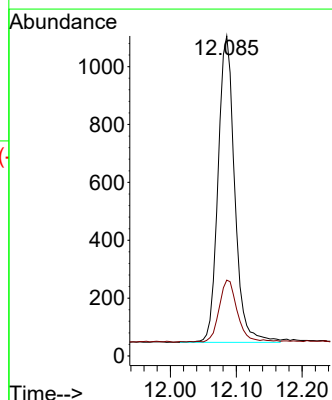
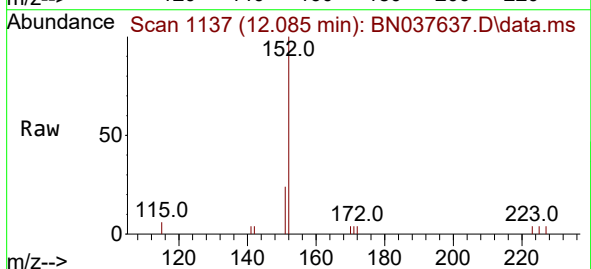
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250814

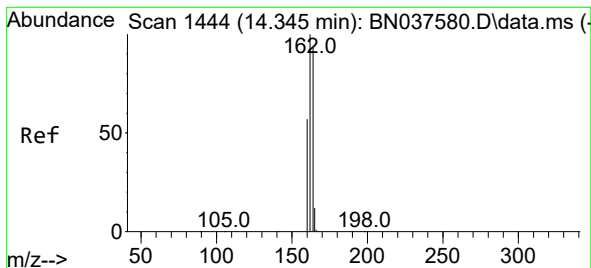
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.9	32.6	48.8
54	60.1	48.9	73.3



#11
 2-Methylnaphthalene-d10
 Concen: 0.279 ng
 RT: 12.085 min Scan# 1137
 Delta R.T. -0.005 min
 Lab File: BN037637.D
 Acq: 20 Aug 2025 19:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	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: BN037637.D

Acq: 20 Aug 2025 19:22

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250814

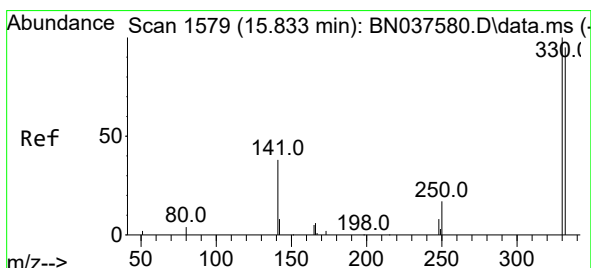
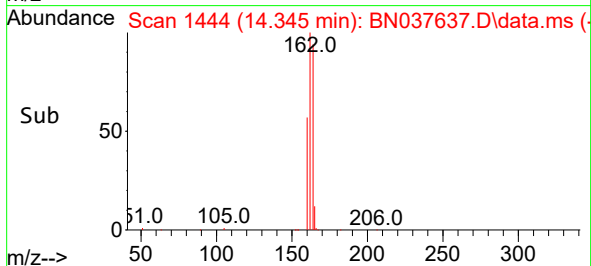
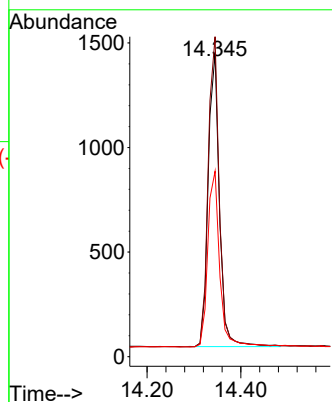
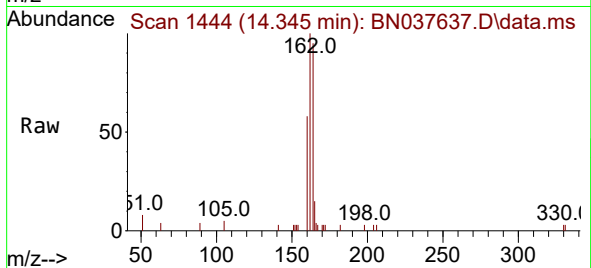
Tgt Ion:164 Resp: 2332

Ion Ratio Lower Upper

164 100

162 105.6 85.5 128.3

160 61.2 49.5 74.3



#14

2,4,6-Tribromophenol

Concen: 0.364 ng

RT: 15.833 min Scan# 1579

Delta R.T. 0.000 min

Lab File: BN037637.D

Acq: 20 Aug 2025 19:22

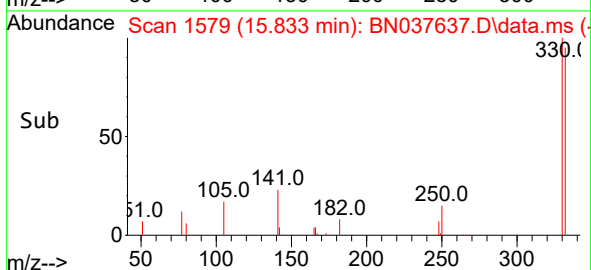
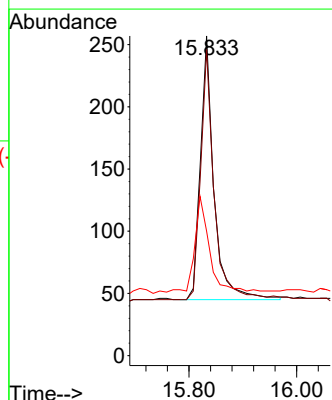
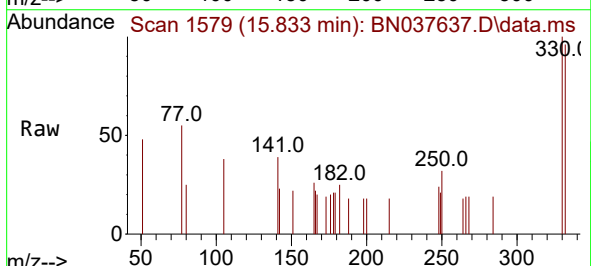
Tgt Ion:330 Resp: 371

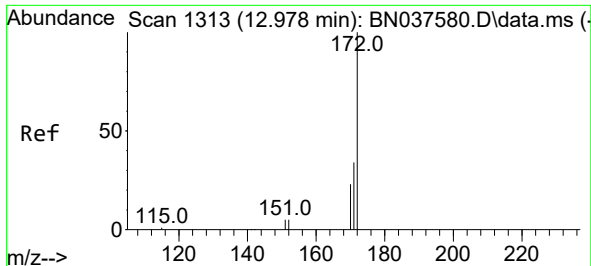
Ion Ratio Lower Upper

330 100

332 94.9 77.4 116.0

141 42.9 30.9 46.3

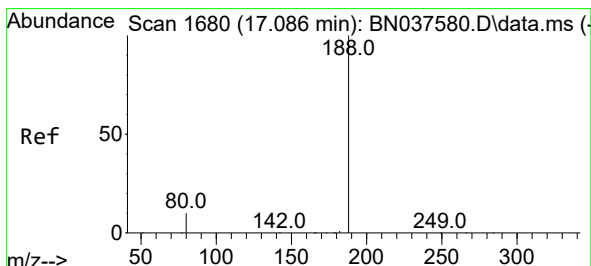
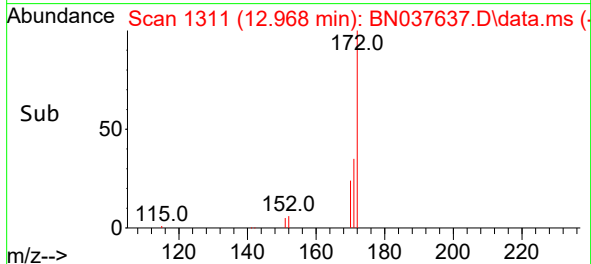
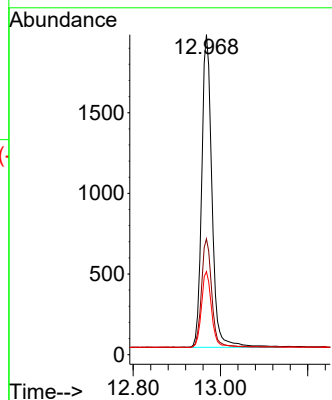
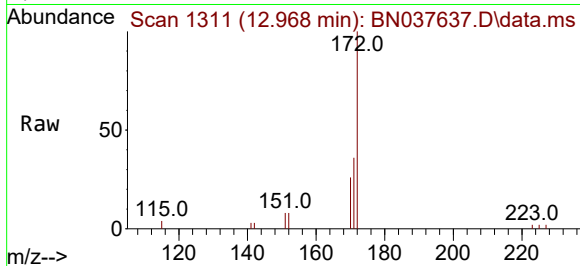




#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037637.D
Acq: 20 Aug 2025 19:22

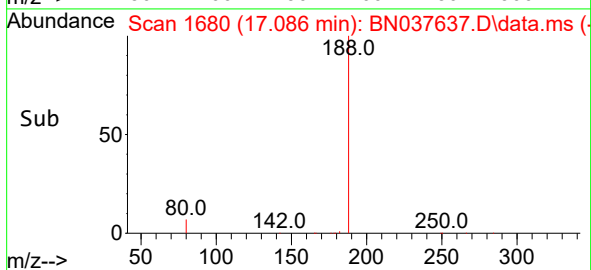
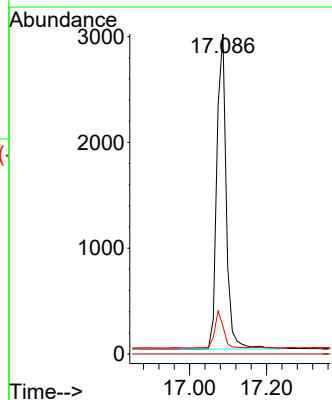
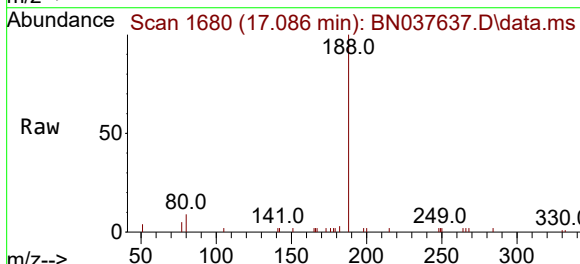
Instrument :
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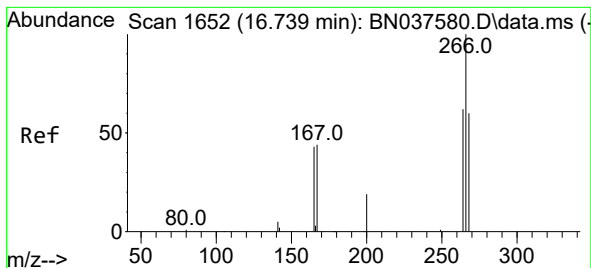
Tgt Ion:172 Resp: 4388
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.4
170 26.0 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BN037637.D
Acq: 20 Aug 2025 19:22

Tgt Ion:188 Resp: 5055
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 9.1 13.7#





#24

Pentachlorophenol

Concen: 0.035 ng

RT: 16.739 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN037637.D

Acq: 20 Aug 2025 19:22

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250814

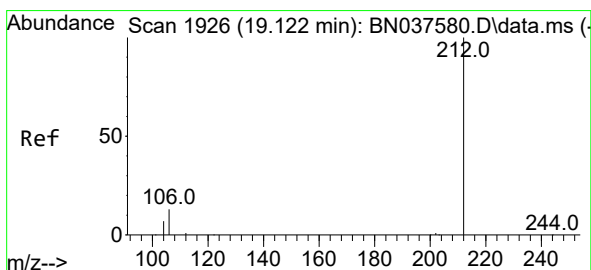
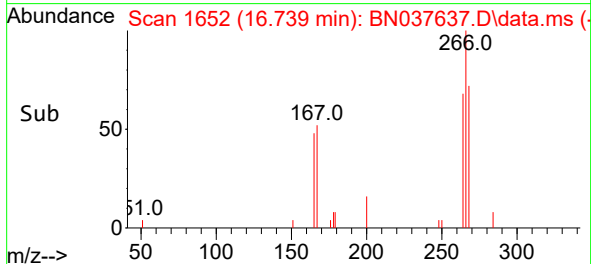
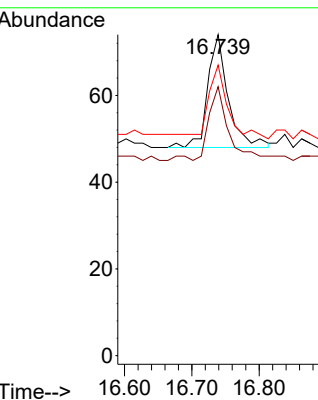
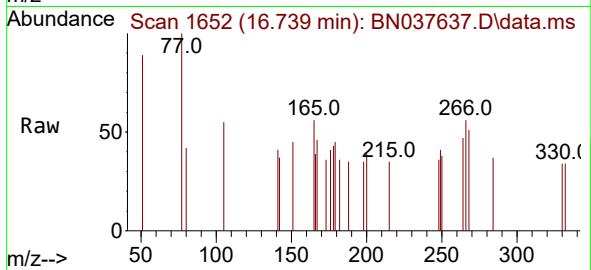
Tgt Ion:266 Resp: 55

Ion Ratio Lower Upper

266 100

264 67.3 49.6 74.4

268 60.0 49.2 73.8



#27

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.113 min Scan# 1924

Delta R.T. -0.009 min

Lab File: BN037637.D

Acq: 20 Aug 2025 19:22

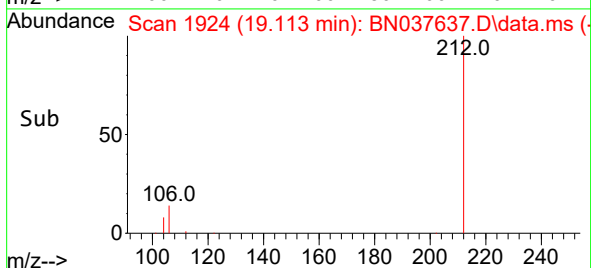
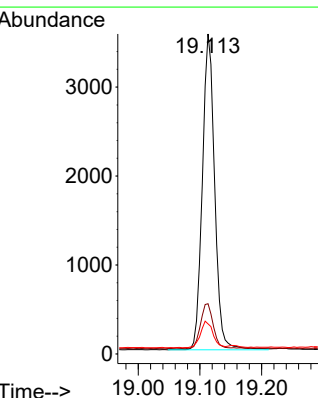
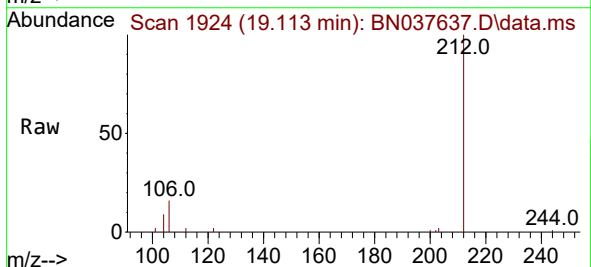
Tgt Ion:212 Resp: 4911

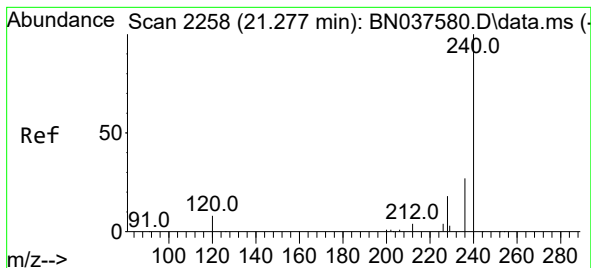
Ion Ratio Lower Upper

212 100

106 14.8 11.5 17.3

104 8.5 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037637.D

Acq: 20 Aug 2025 19:22

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-20250814

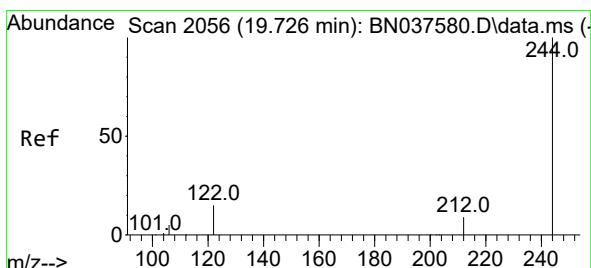
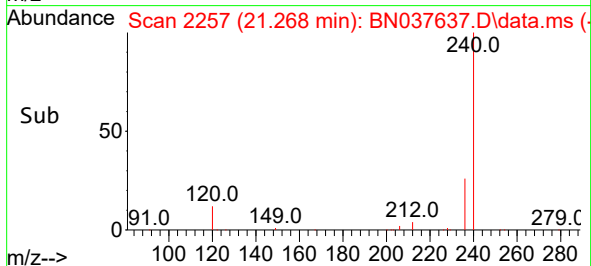
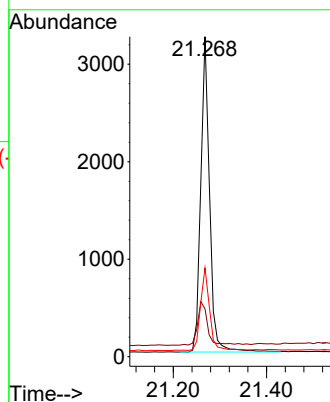
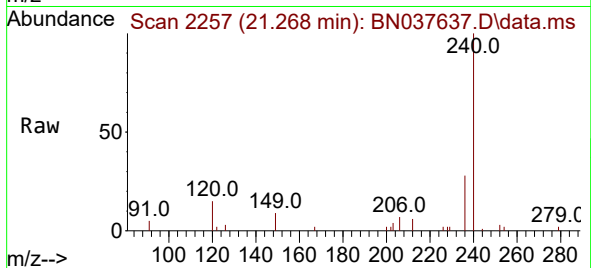
Tgt Ion:240 Resp: 4261

Ion Ratio Lower Upper

240 100

120 15.0 8.9 13.3#

236 27.7 22.6 33.8



#31

Terphenyl-d14

Concen: 0.446 ng

RT: 19.717 min Scan# 2054

Delta R.T. -0.009 min

Lab File: BN037637.D

Acq: 20 Aug 2025 19:22

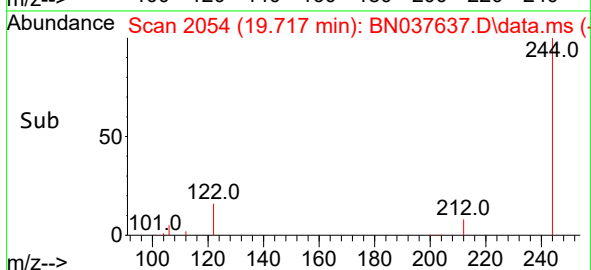
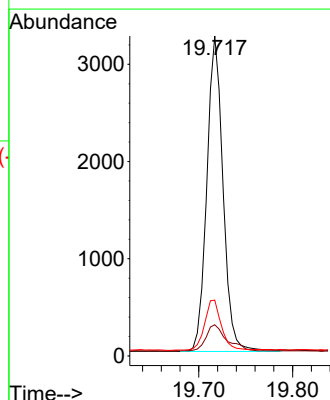
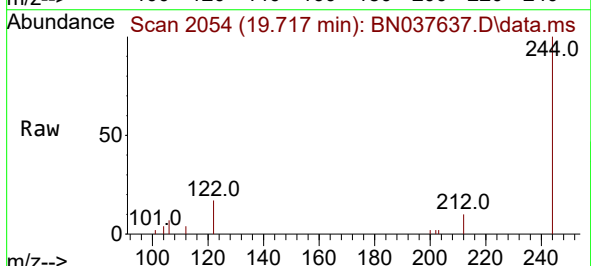
Tgt Ion:244 Resp: 3906

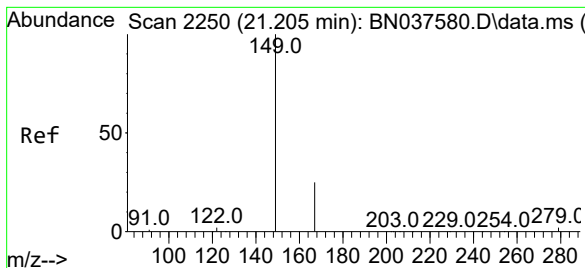
Ion Ratio Lower Upper

244 100

212 9.8 8.2 12.2

122 17.4 13.2 19.8

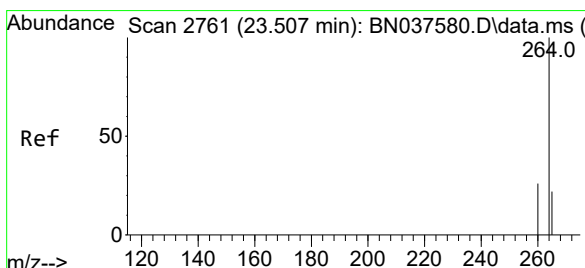
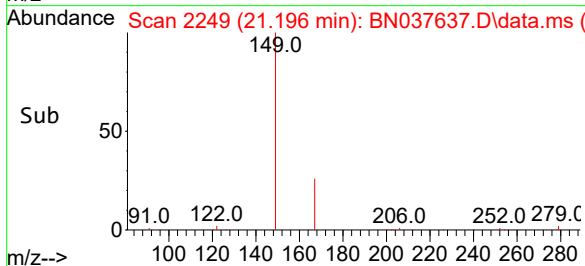
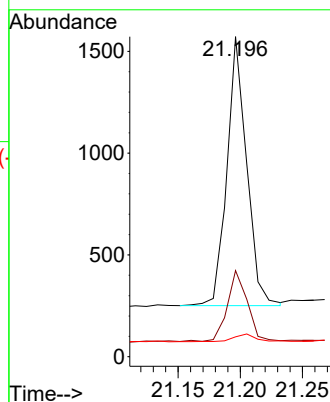
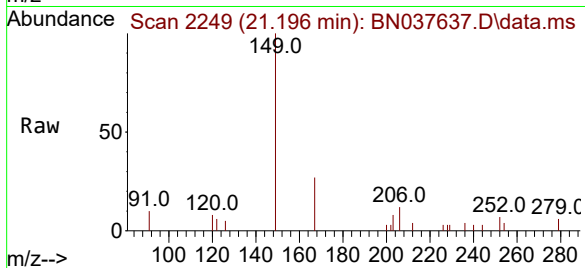




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.248 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.009 min
 Lab File: BN037637.D
 Acq: 20 Aug 2025 19:22

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250814

Tgt Ion:149 Resp: 1455
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.5 30.7
 279 3.3 2.6 4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.499 min Scan# 2758
 Delta R.T. -0.009 min
 Lab File: BN037637.D
 Acq: 20 Aug 2025 19:22

Tgt Ion:264 Resp: 3736
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.6 32.4
 265 82.2 48.2 72.4#

