

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037266.D
 Acq On : 14 Jun 2025 17:36
 Operator : RC/JU
 Sample : Q2299-19
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01I-20250611

Quant Time: Jun 16 02:44:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

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

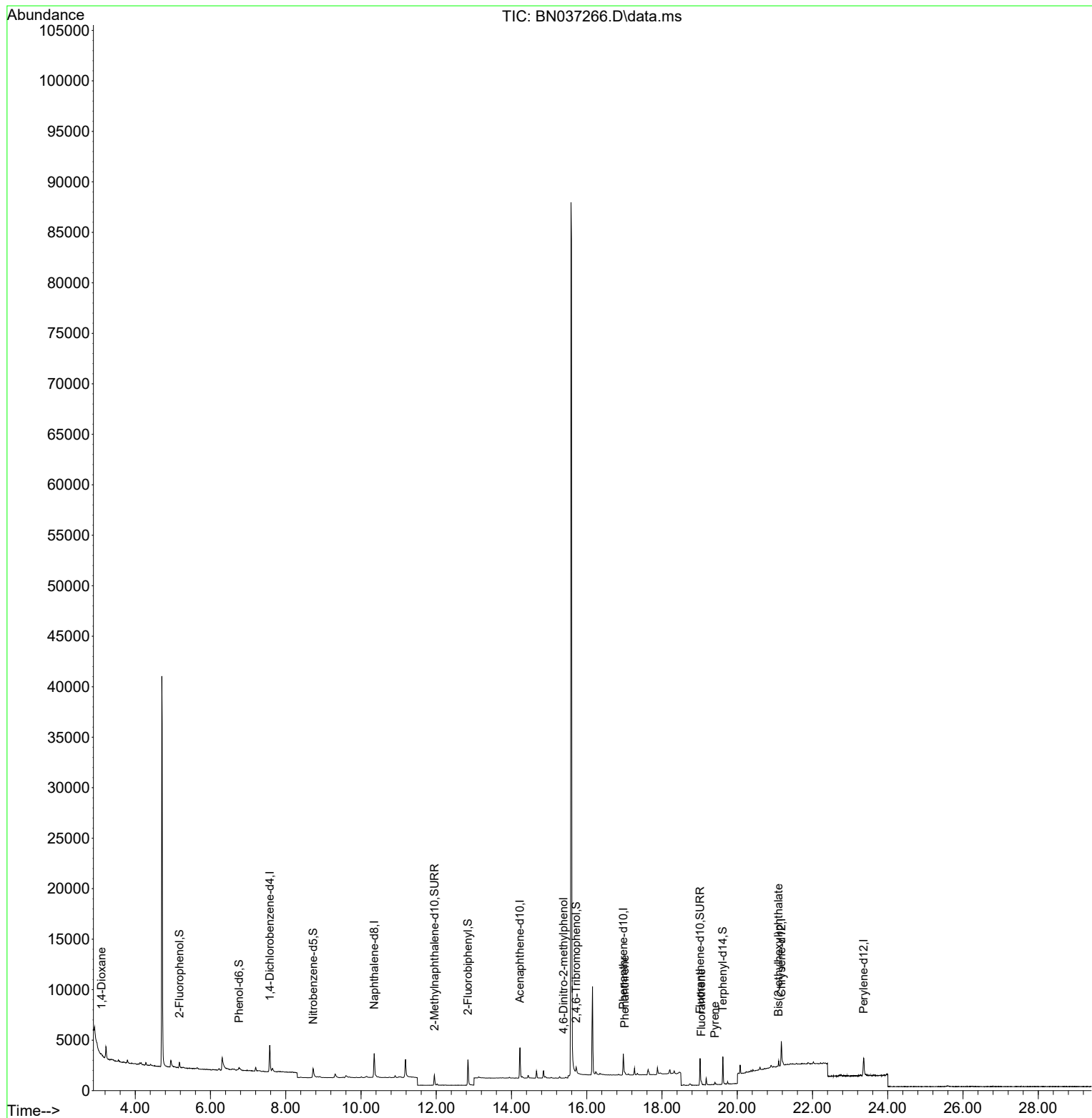
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1325	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	3321	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1702	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	3112	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2629	0.400	ng	# 0.00
35) Perylene-d12	23.360	264	2551	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	420	0.129	ng	0.00
5) Phenol-d6	6.759	99	224	0.065	ng	0.00
8) Nitrobenzene-d5	8.728	82	1028	0.313	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	1452	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	272	0.385	ng	-0.01
15) 2-Fluorobiphenyl	12.843	172	2419	0.338	ng	0.00
27) Fluoranthene-d10	19.012	212	3260	0.400	ng	0.00
31) Terphenyl-d14	19.616	244	2758	0.464	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.104	88	56	0.031	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.378	198	1	0.118	ng	# 9
25) Phenanthrene	17.009	178	248	0.025	ng	# 92
28) Fluoranthene	19.040	202	251	0.022	ng	# 78
30) Pyrene	19.407	202	265	0.021	ng	96
34) Bis(2-ethylhexyl)phtha...	21.099	149	509	0.077	ng	# 95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
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Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250611

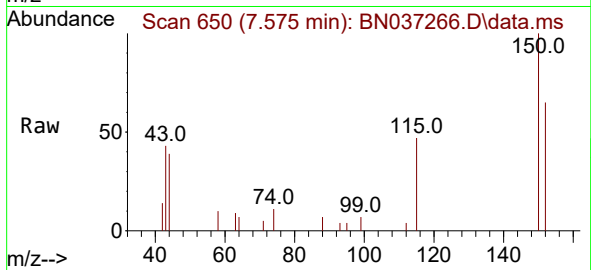
Quant Time: Jun 16 02:44:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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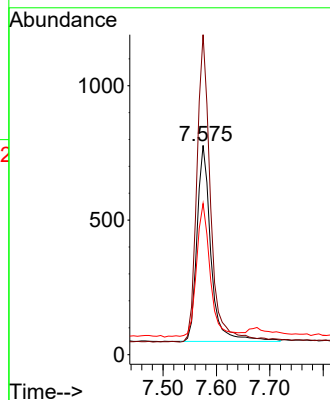
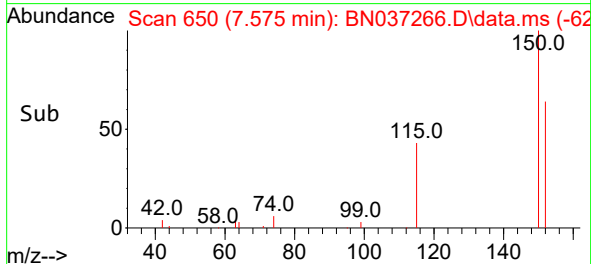


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.575 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN037266.D
 Acq: 14 Jun 2025 17:36

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01I-20250611

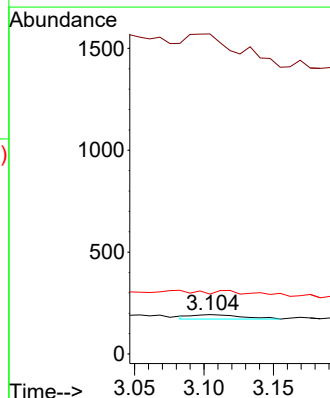
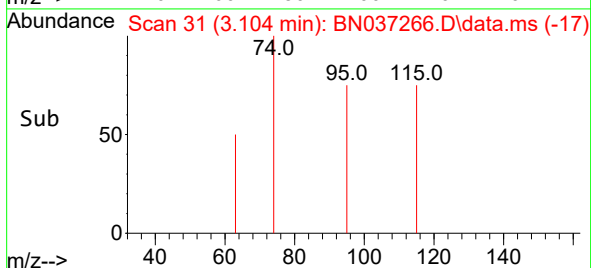
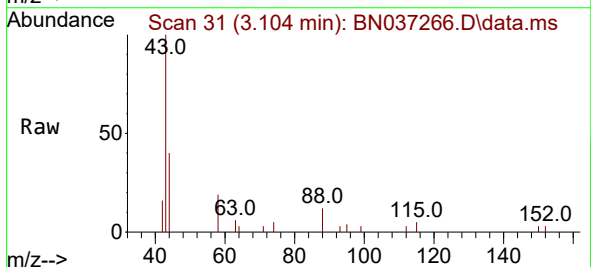


Tgt Ion:152 Resp: 1325
 Ion Ratio Lower Upper
 152 100
 150 153.0 125.2 187.8
 115 72.2 58.4 87.6



#2
 1,4-Dioxane
 Concen: 0.031 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037266.D
 Acq: 14 Jun 2025 17:36

Tgt Ion: 88 Resp: 56
 Ion Ratio Lower Upper
 88 100
 43 712.5 52.6 79.0#
 58 30.4 73.5 110.3#

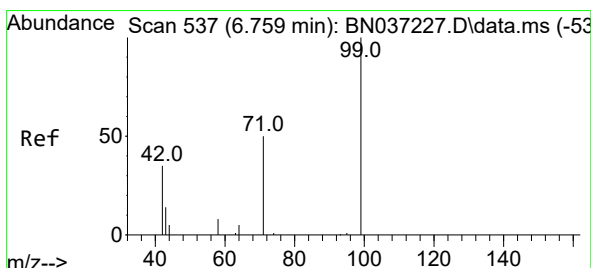
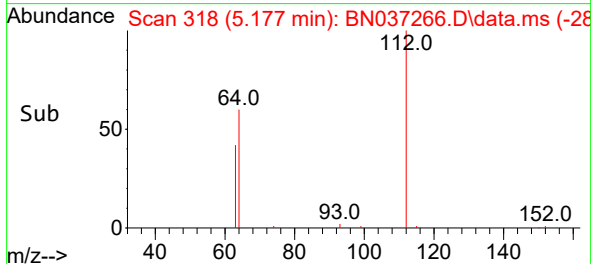
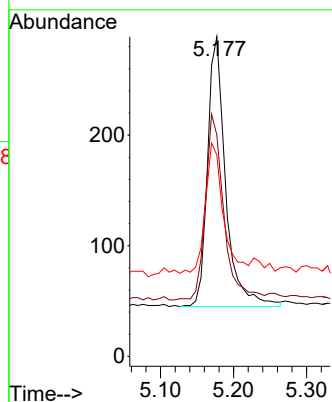
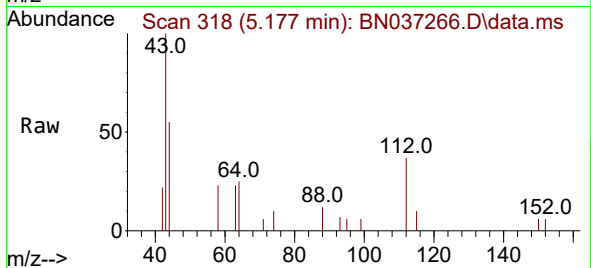




#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.177 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

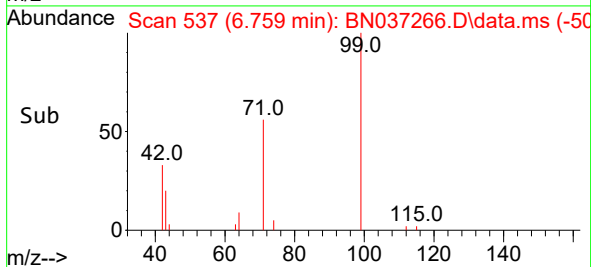
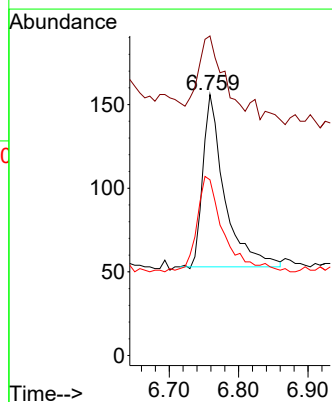
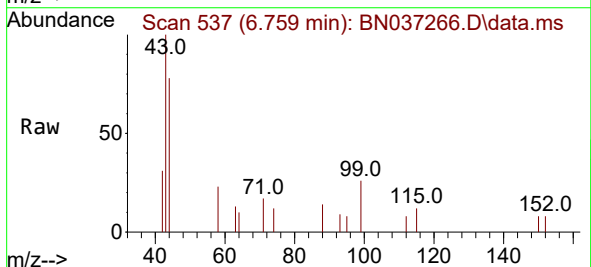
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250611

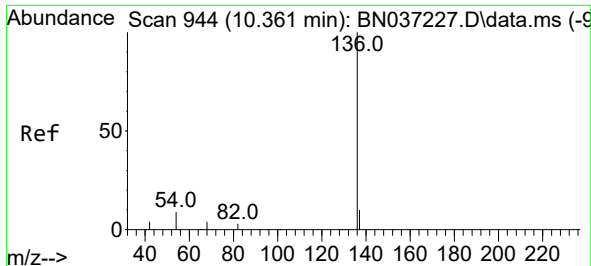
Tgt Ion:112 Resp: 420
Ion Ratio Lower Upper
112 100
64 69.8 57.2 85.8
63 47.6 39.8 59.6



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.759 min Scan# 537
Delta R.T. 0.000 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Tgt Ion: 99 Resp: 224
Ion Ratio Lower Upper
99 100
42 46.0 36.2 54.4
71 68.3 42.4 63.6#

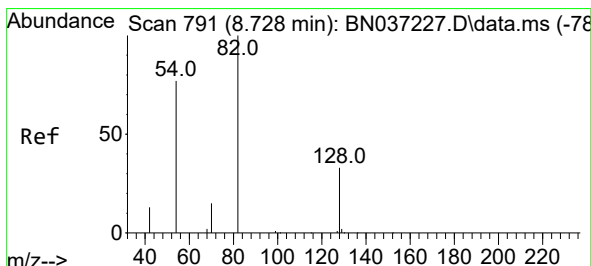
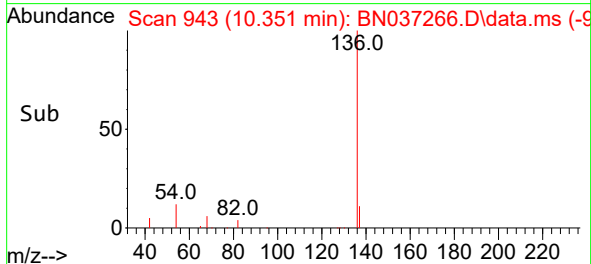
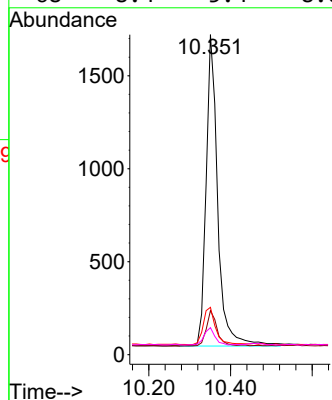
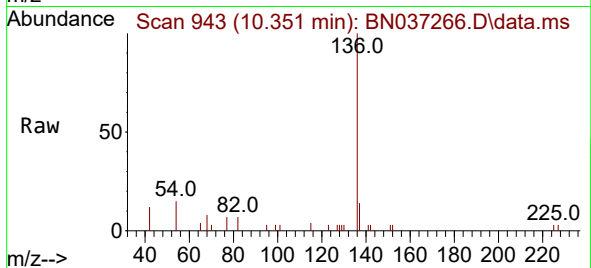




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

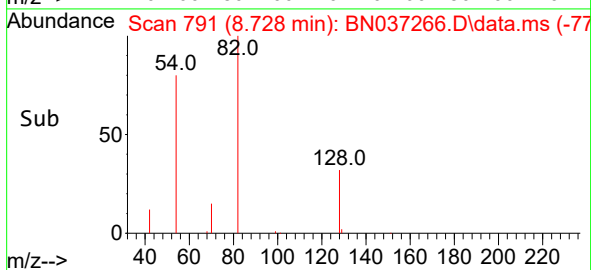
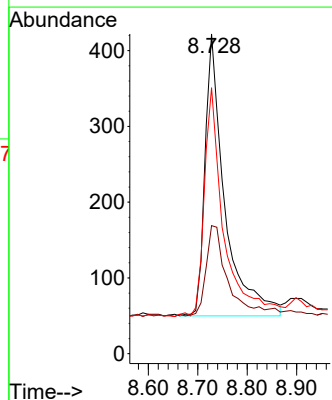
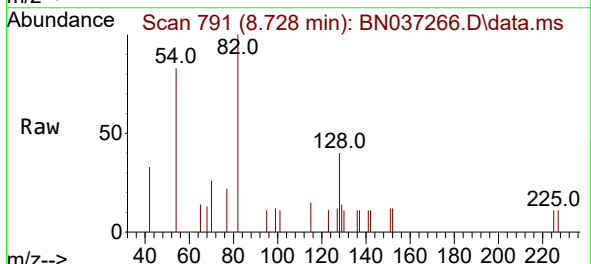
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250611

Tgt Ion:	136	Resp:	3321
Ion Ratio	Lower	Upper	
136	100		
137	13.7	10.6	15.8
54	14.8	9.2	13.8#
68	8.4	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Tgt Ion:	82	Resp:	1028
Ion Ratio	Lower	Upper	
82	100		
128	40.0	31.2	46.8
54	83.2	63.3	94.9

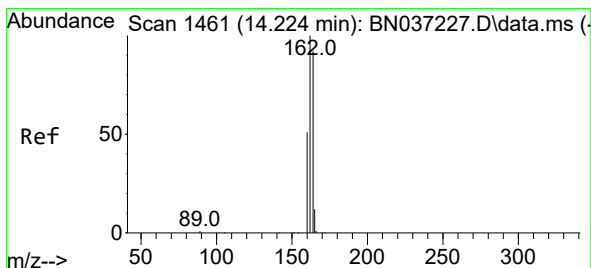
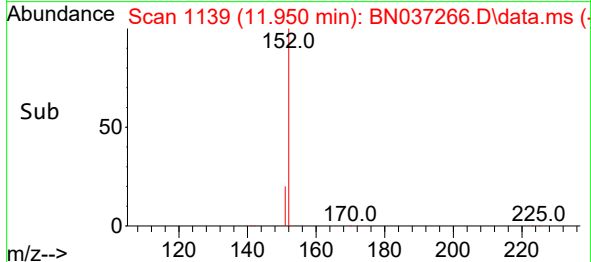
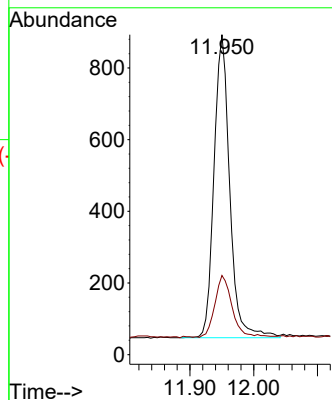
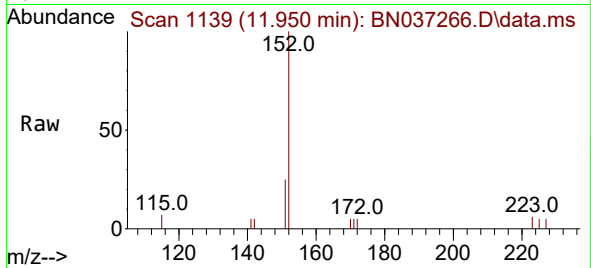




#11
2-Methylnaphthalene-d10
Concen: 0.326 ng
RT: 11.950 min Scan# 1140
Delta R.T. -0.005 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

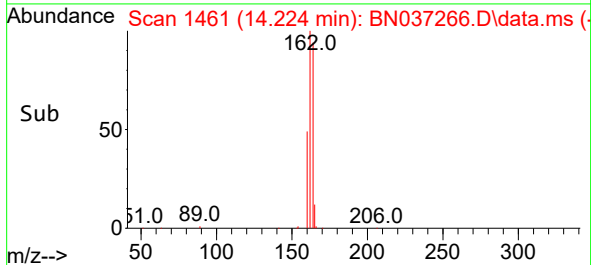
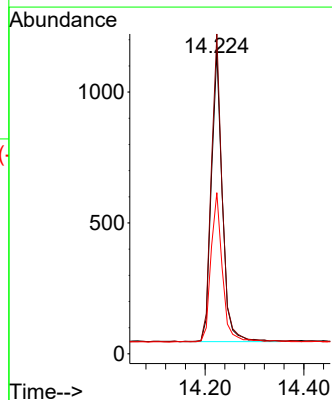
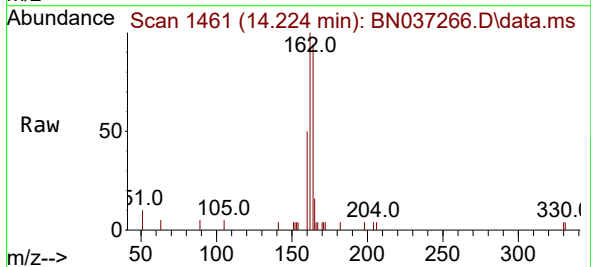
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250611

Tgt Ion:152 Resp: 1452
Ion Ratio Lower Upper
152 100
151 22.5 17.9 26.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Tgt Ion:164 Resp: 1702
Ion Ratio Lower Upper
164 100
162 105.9 86.7 130.1
160 53.4 45.8 68.6

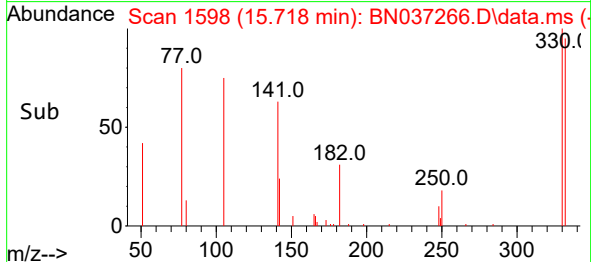
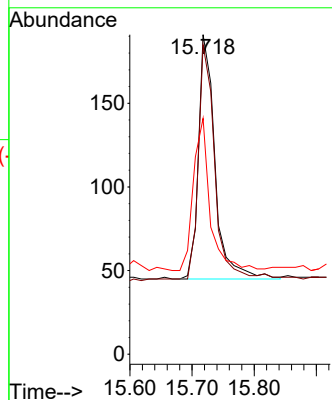
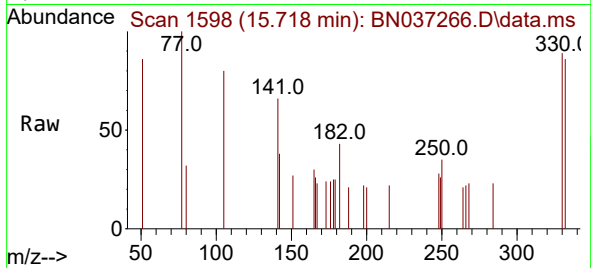




#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

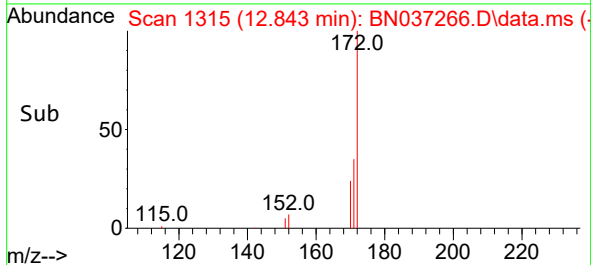
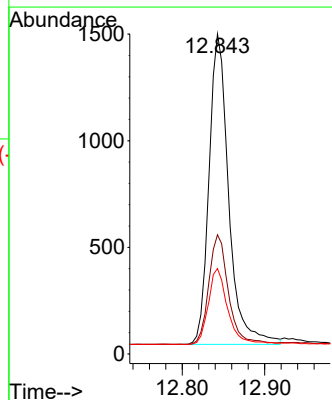
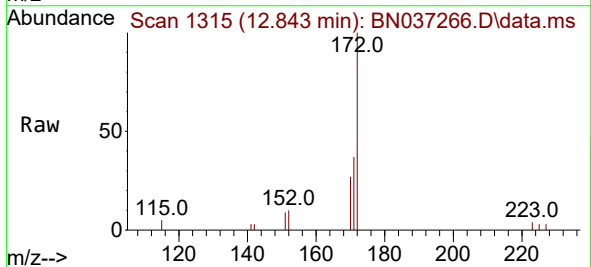
Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20250611

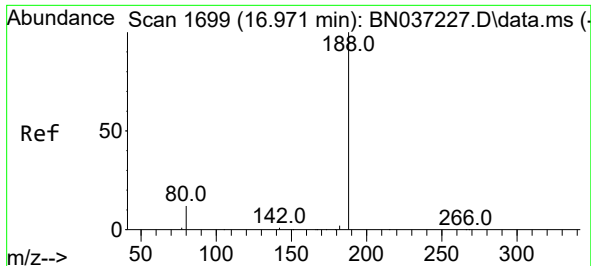
Tgt Ion:330 Resp: 272
Ion Ratio Lower Upper
330 100
332 94.1 74.9 112.3
141 62.5 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 12.843 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Tgt Ion:172 Resp: 2419
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.8
170 26.7 21.1 31.7

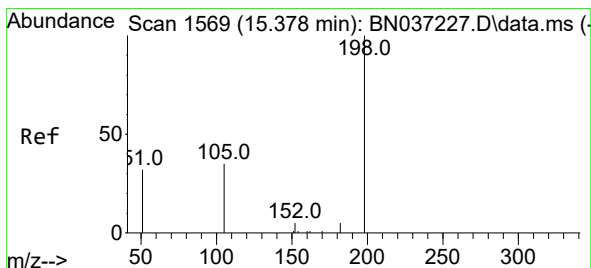
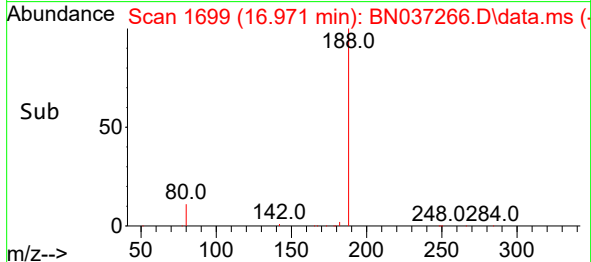
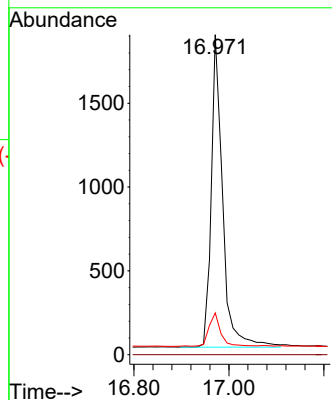
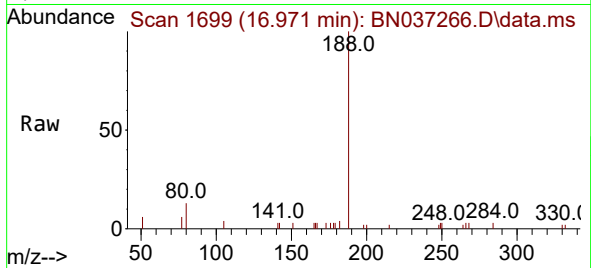




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

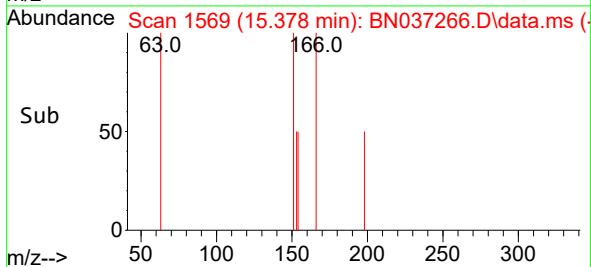
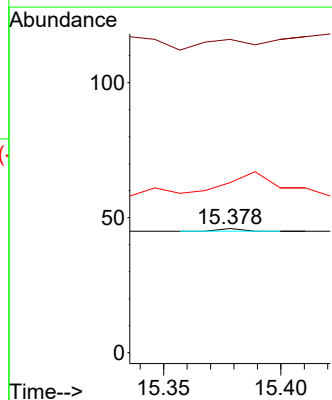
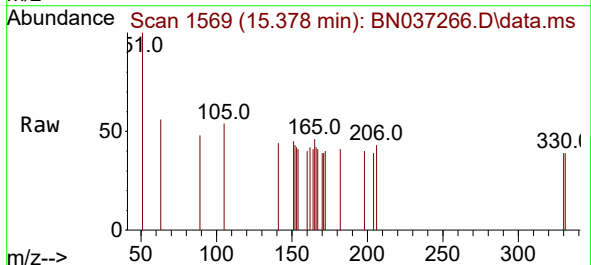
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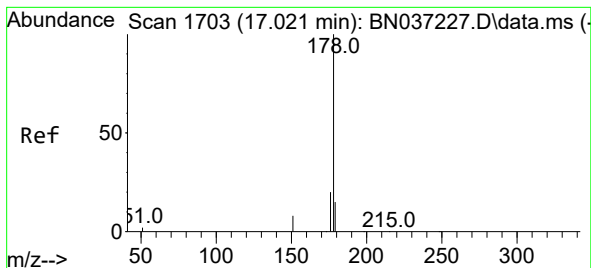
Tgt Ion:188 Resp: 3112
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 12.2 18.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.118 ng
RT: 15.378 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 252.2 111.2 166.8#
105 137.0 54.0 81.0#





#25

Phenanthrene

Concen: 0.025 ng

RT: 17.009 min Scan# 1702

Delta R.T. -0.012 min

Lab File: BN037266.D

Acq: 14 Jun 2025 17:36

Instrument :

BNA_N

ClientSampleId :

RW11-MW01I-20250611

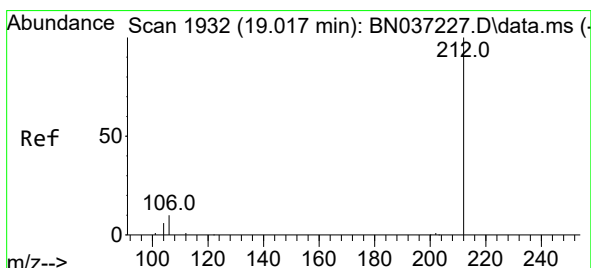
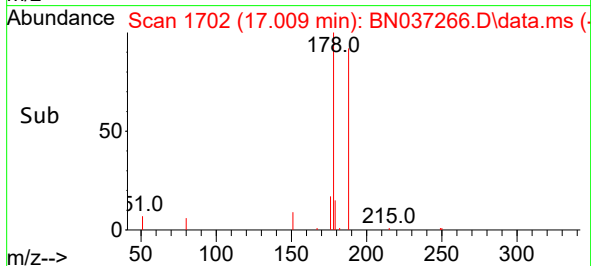
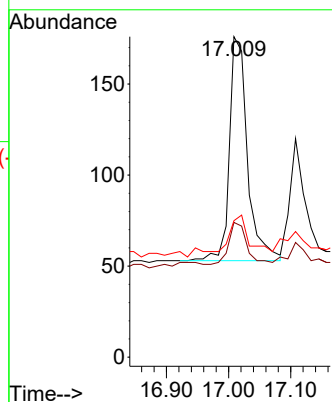
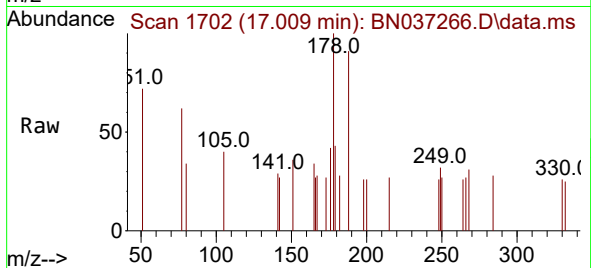
Tgt Ion:178 Resp: 248

Ion Ratio Lower Upper

178 100

176 19.8 16.3 24.5

179 23.0 12.6 18.8#



#27

Fluoranthene-d10

Concen: 0.400 ng

RT: 19.012 min Scan# 1931

Delta R.T. -0.005 min

Lab File: BN037266.D

Acq: 14 Jun 2025 17:36

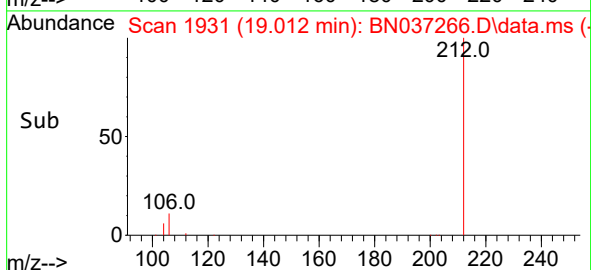
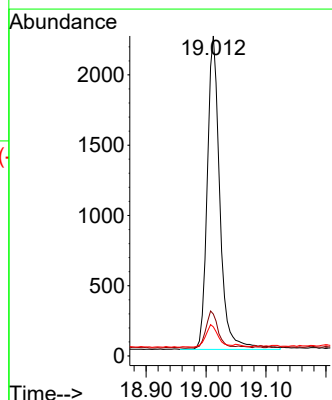
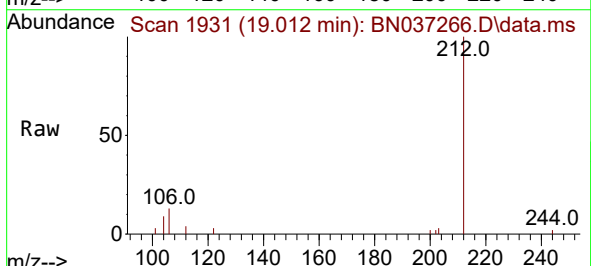
Tgt Ion:212 Resp: 3260

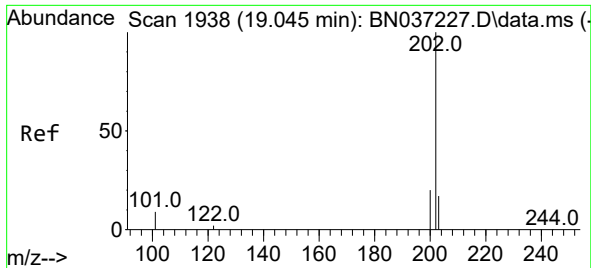
Ion Ratio Lower Upper

212 100

106 11.4 9.3 13.9

104 6.9 5.7 8.5

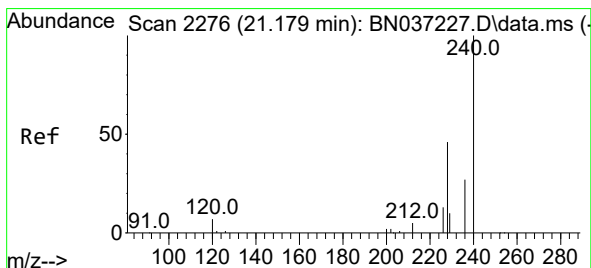
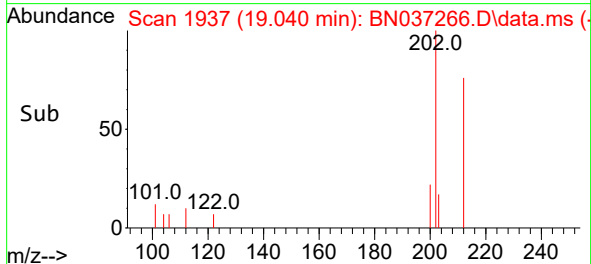
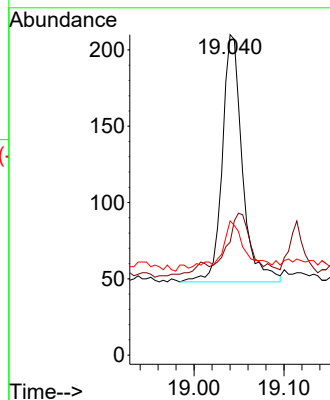
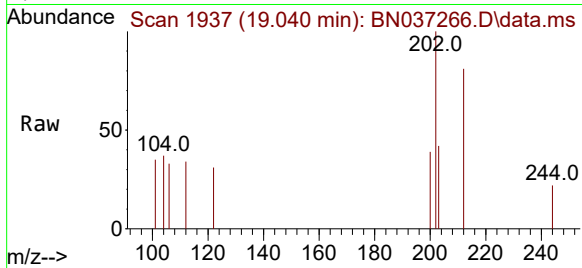




#28
Fluoranthene
Concen: 0.022 ng
RT: 19.040 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

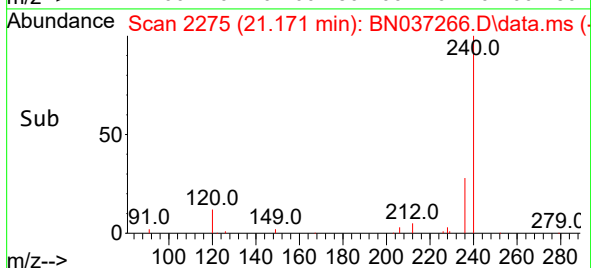
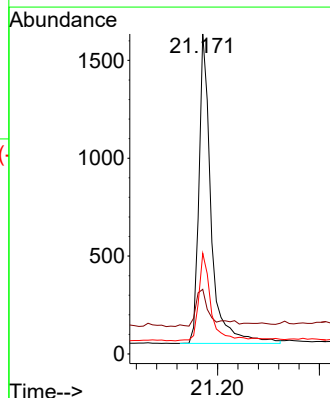
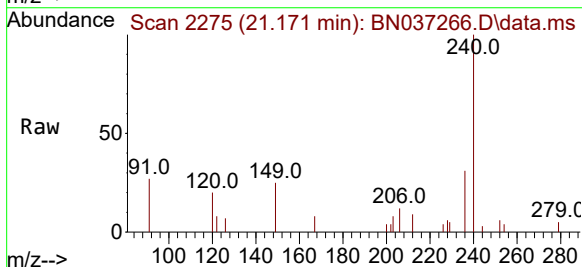
Instrument :
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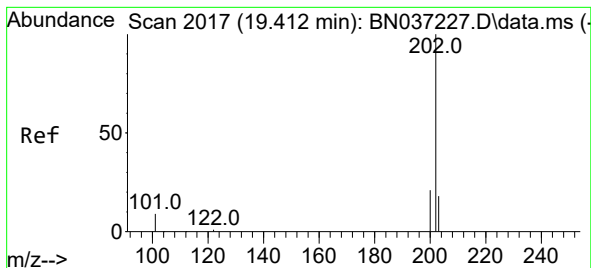
Tgt Ion:202 Resp: 251
Ion Ratio Lower Upper
202 100
101 24.3 7.1 10.7#
203 20.7 13.0 19.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.009 min
Lab File: BN037266.D
Acq: 14 Jun 2025 17:36

Tgt Ion:240 Resp: 2629
Ion Ratio Lower Upper
240 100
120 20.2 11.3 16.9#
236 31.4 24.4 36.6





#30

Pyrene

Concen: 0.021 ng

RT: 19.407 min Scan# 2017

Delta R.T. -0.005 min

Lab File: BN037266.D

Acq: 14 Jun 2025 17:36

Instrument :

BNA_N

ClientSampleId :

RW11-MW01I-20250611

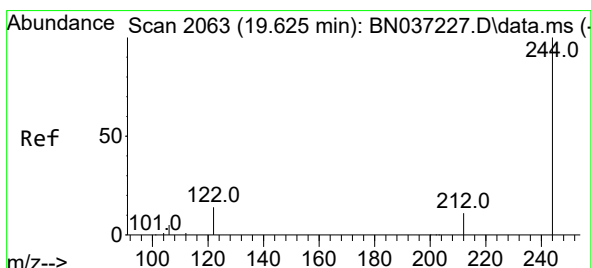
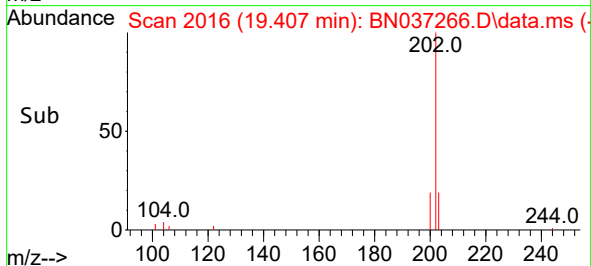
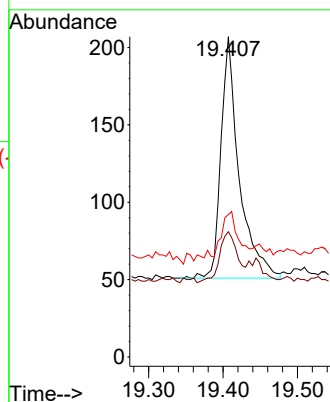
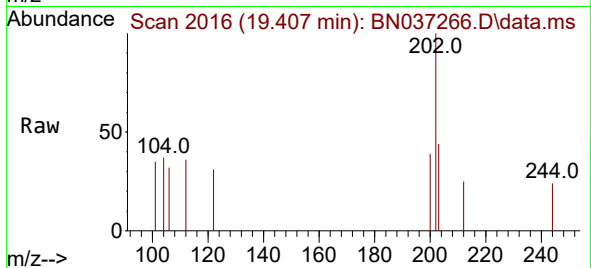
Tgt Ion:202 Resp: 265

Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

203 21.1 14.3 21.5



#31

Terphenyl-d14

Concen: 0.464 ng

RT: 19.616 min Scan# 2061

Delta R.T. -0.009 min

Lab File: BN037266.D

Acq: 14 Jun 2025 17:36

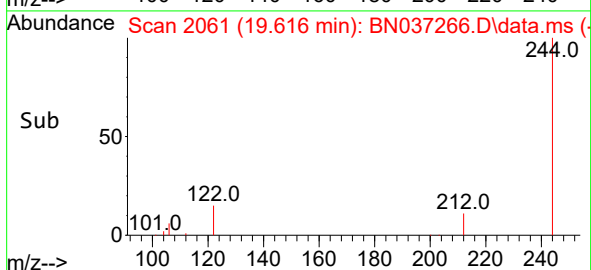
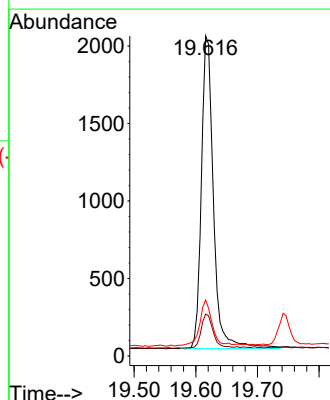
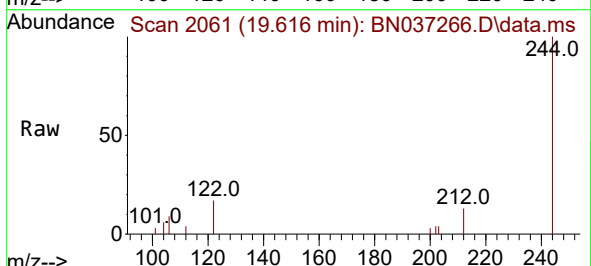
Tgt Ion:244 Resp: 2758

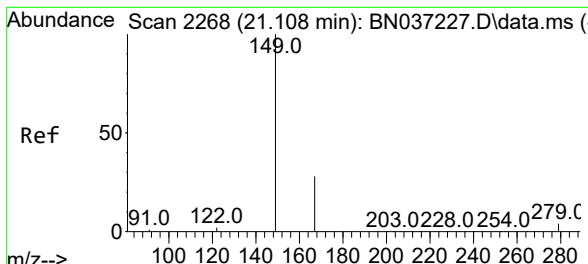
Ion Ratio Lower Upper

244 100

212 13.1 12.2 18.2

122 17.4 14.3 21.5

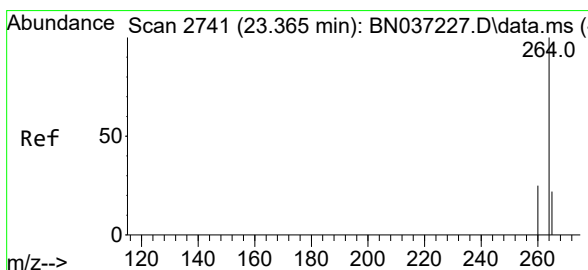
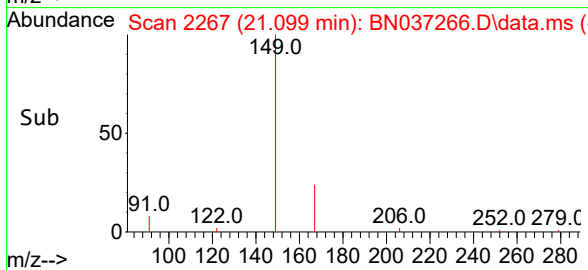
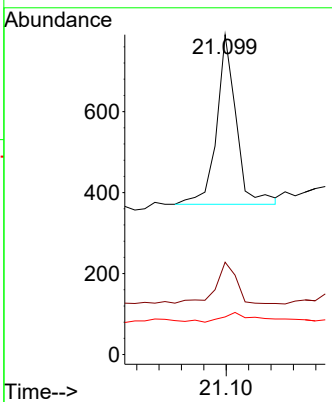
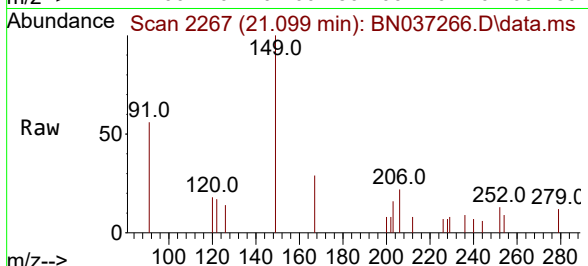




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.077 ng
 RT: 21.099 min Scan# 2109
 Delta R.T. -0.009 min
 Lab File: BN037266.D
 Acq: 14 Jun 2025 17:36

Instrument :
 BNA_N
 ClientSampleId :
 RW11-MW01I-20250611

Tgt Ion:	149	Resp:	509
Ion Ratio	Lower	Upper	
149	100		
167	25.0	21.3	31.9
279	10.4	3.3	4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.360 min Scan# 2739
 Delta R.T. -0.006 min
 Lab File: BN037266.D
 Acq: 14 Jun 2025 17:36

Tgt Ion:	264	Resp:	2551
Ion Ratio	Lower	Upper	
264	100		
260	27.9	22.8	34.2
265	83.2	66.4	99.6

