

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
 Data File : BN037086.D
 Acq On : 27 May 2025 14:35
 Operator : RC/JU
 Sample : Q2073-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GDW1

Quant Time: May 27 15:02:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

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

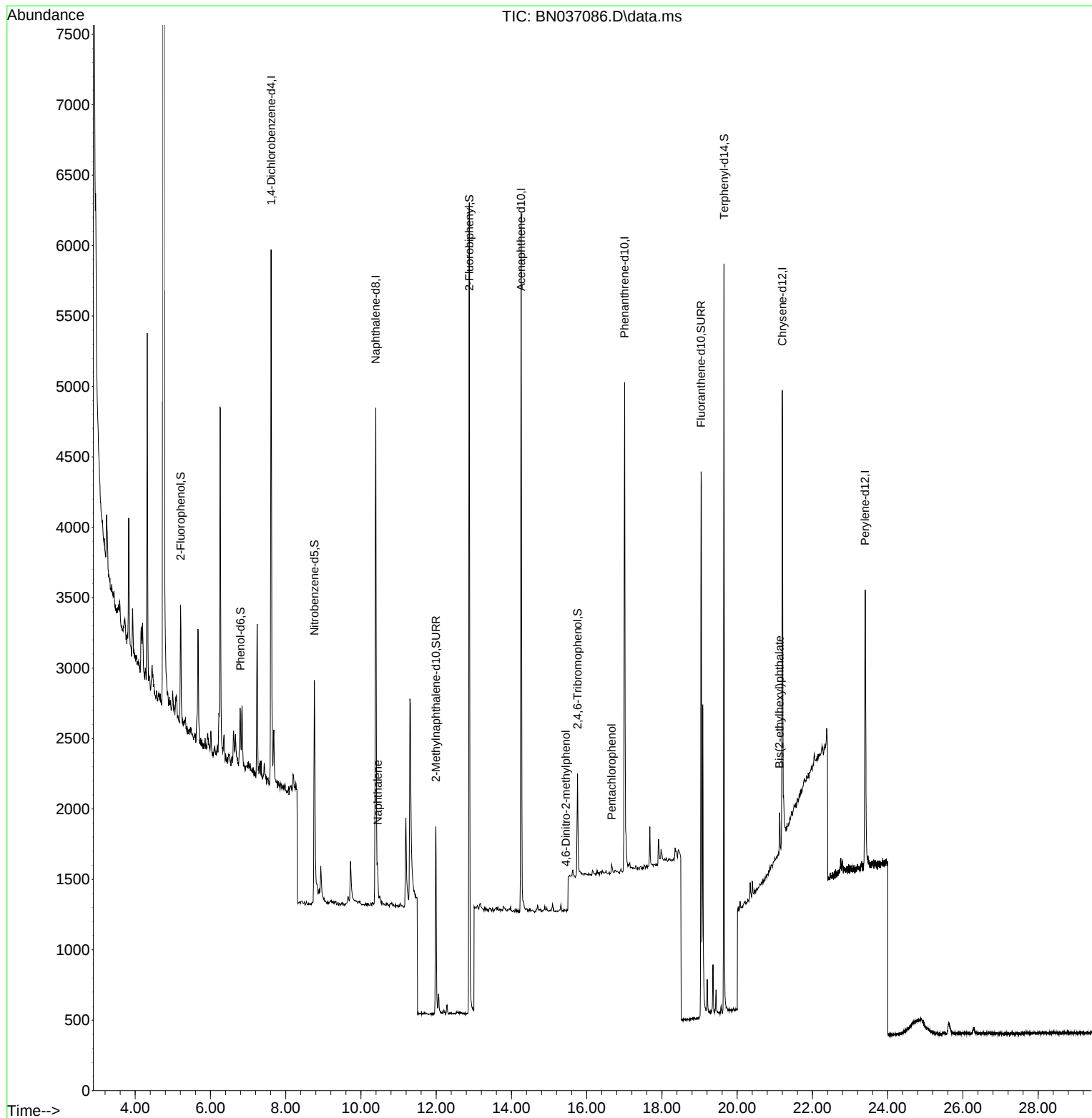
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1858	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4733	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2639	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	4979	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	3199	0.400	ng	0.00
35) Perylene-d12	23.401	264	2828	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	580	0.119	ng	0.00
5) Phenol-d6	6.795	99	393	0.065	ng	0.00
8) Nitrobenzene-d5	8.760	82	1532	0.297	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	1949	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	422	0.364	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	5347	0.442	ng	-0.01
27) Fluoranthene-d10	19.040	212	4591	0.336	ng	0.00
31) Terphenyl-d14	19.649	244	4896	0.716	ng	0.00
Target Compounds						
9) Naphthalene	10.447	128	311	0.022	ng	# 49
20) 4,6-Dinitro-2-methylph...	15.443	198	4	0.028	ng	# 1
24) Pentachlorophenol	16.661	266	39	0.021	ng	# 62
34) Bis(2-ethylhexyl)phtha...	21.126	149	287	0.039	ng	# 97

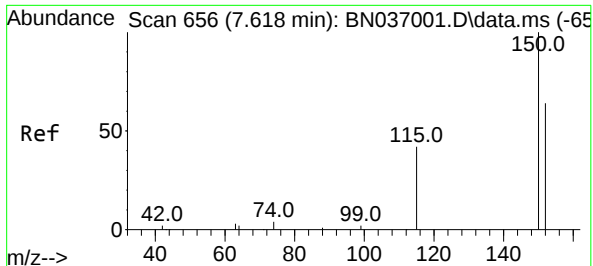
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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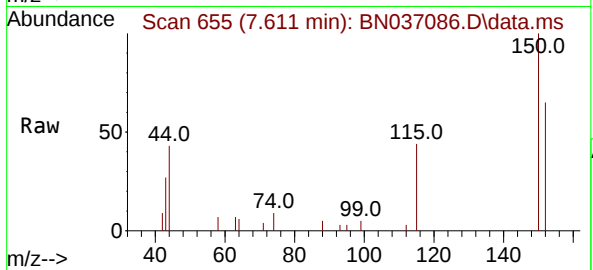
Quant Time: May 27 15:02:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
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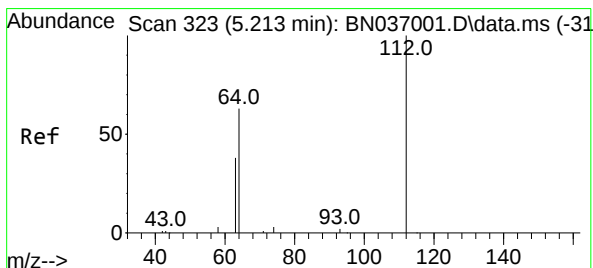
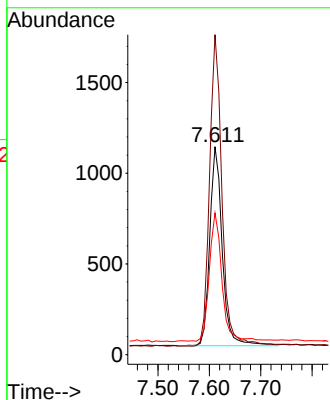
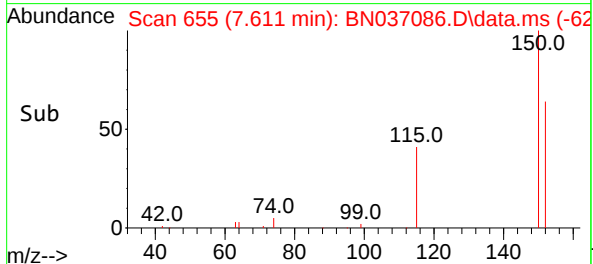


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Instrument :
BNA_N
ClientSampleId :
GDW1

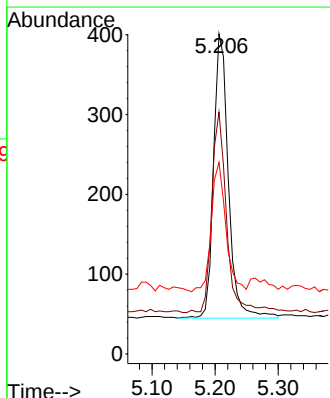
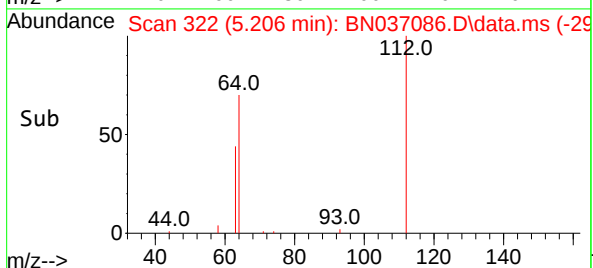
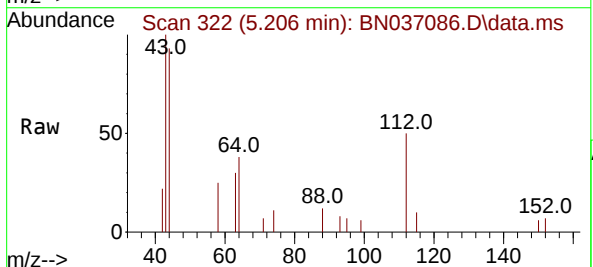


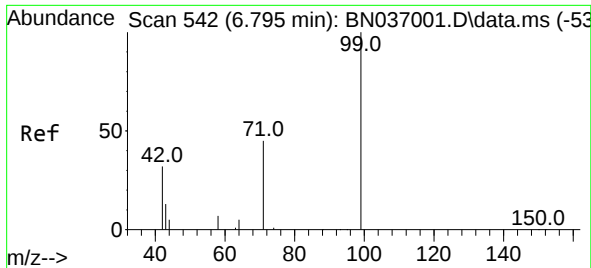
Tgt Ion:152 Resp: 1858
Ion Ratio Lower Upper
152 100
150 153.8 123.9 185.9
115 68.1 55.8 83.8



#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

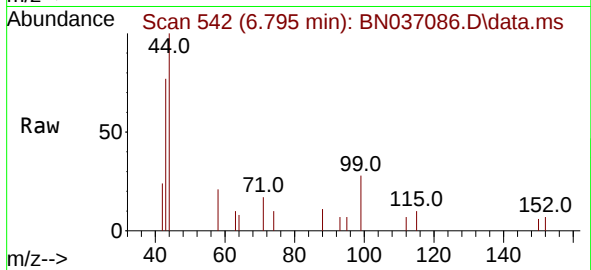
Tgt Ion:112 Resp: 580
Ion Ratio Lower Upper
112 100
64 71.2 55.7 83.5
63 44.7 34.6 51.8



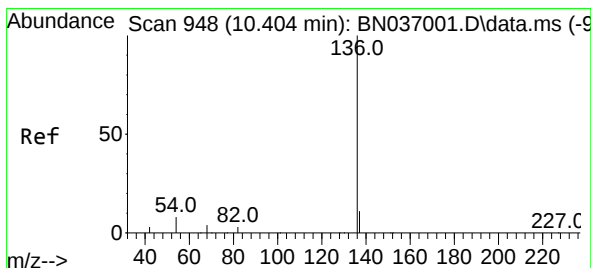
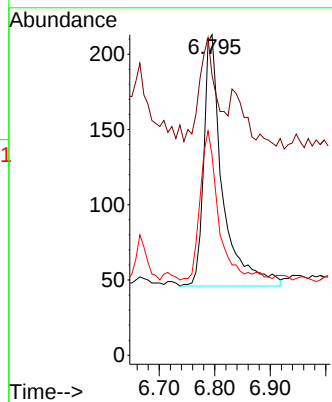
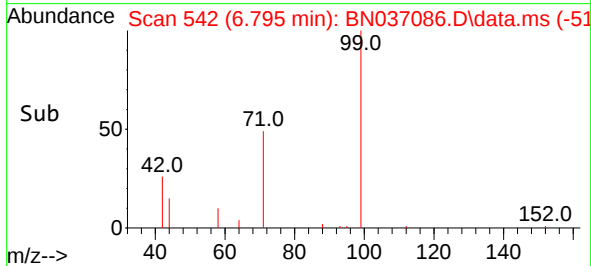


#5
Phenol-d6
Concen: 0.065 ng
RT: 6.795 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

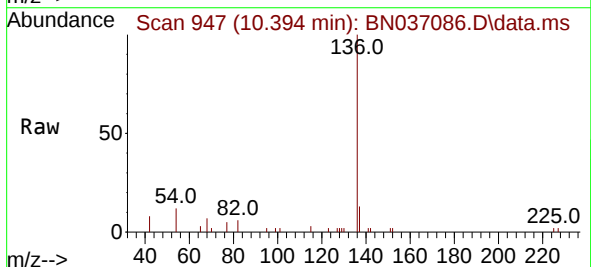
Instrument :
BNA_N
ClientSampleId :
GDW1



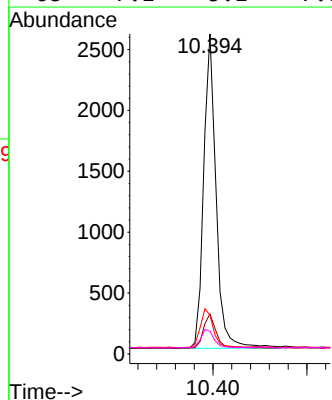
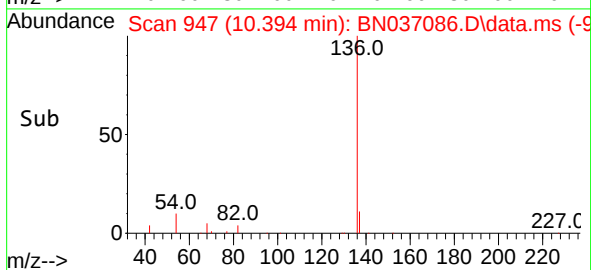
Tgt Ion: 99 Resp: 393
Ion Ratio Lower Upper
99 100
42 36.6 29.3 43.9
71 56.5 35.7 53.5#

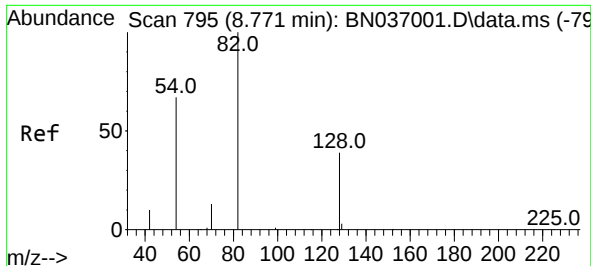


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35



Tgt Ion: 136 Resp: 4733
Ion Ratio Lower Upper
136 100
137 12.5 10.4 15.6
54 12.0 8.5 12.7
68 7.1 5.1 7.7

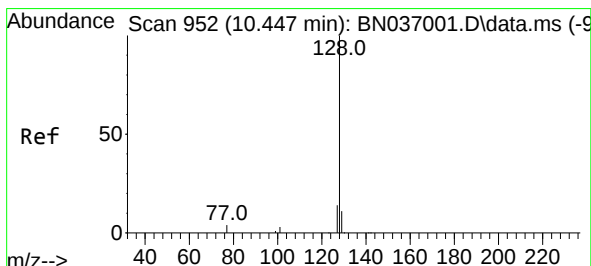
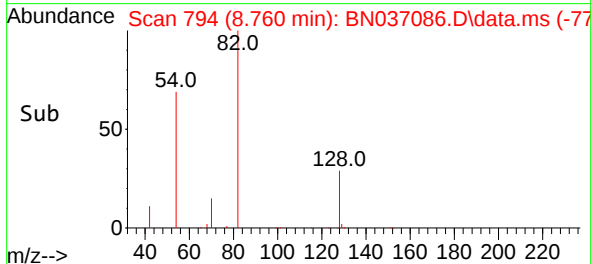
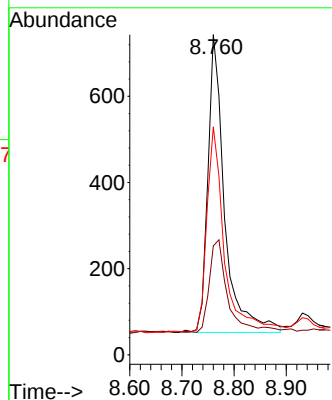
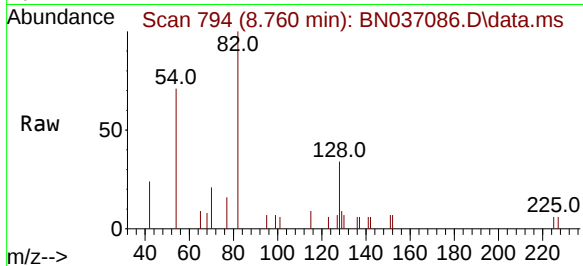




#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

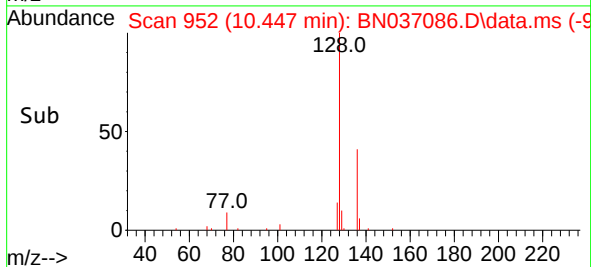
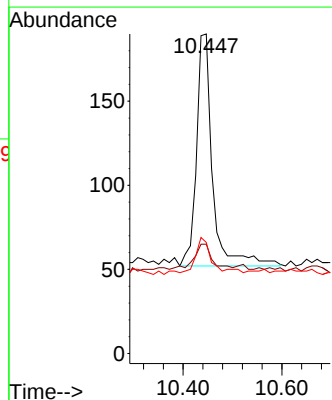
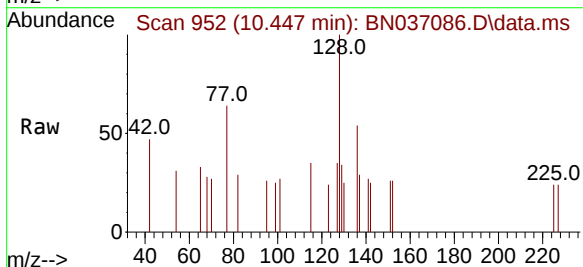
Instrument :
BNA_N
ClientSampleId :
GDW1

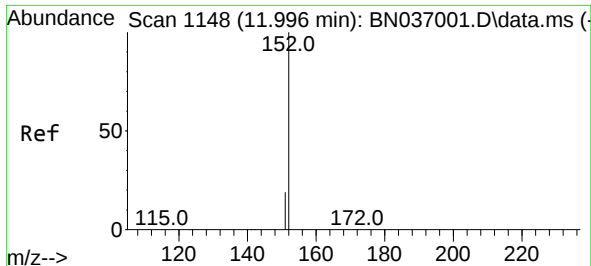
Tgt Ion: 82 Resp: 1532
Ion Ratio Lower Upper
82 100
128 34.1 34.0 51.0
54 71.2 55.0 82.4



#9
Naphthalene
Concen: 0.022 ng
RT: 10.447 min Scan# 952
Delta R.T. 0.000 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Tgt Ion: 128 Resp: 311
Ion Ratio Lower Upper
128 100
129 34.2 9.7 14.5#
127 34.7 12.4 18.6#

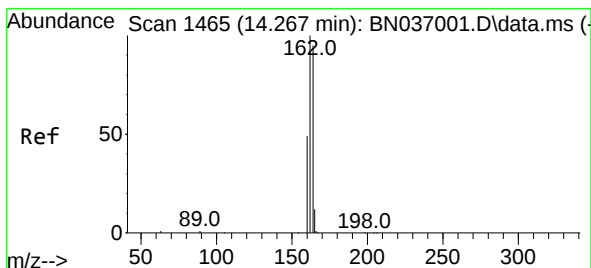
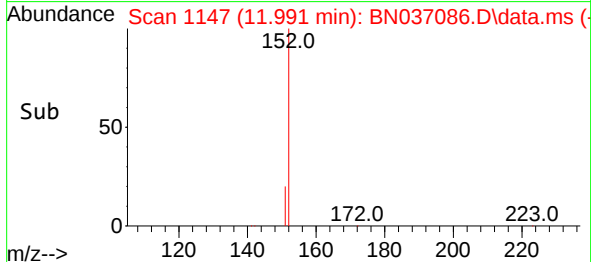
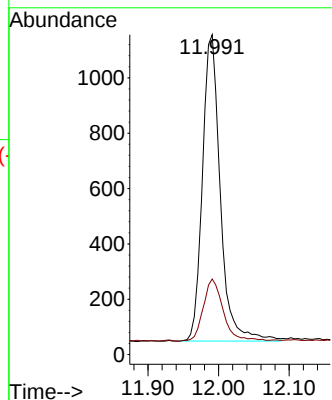
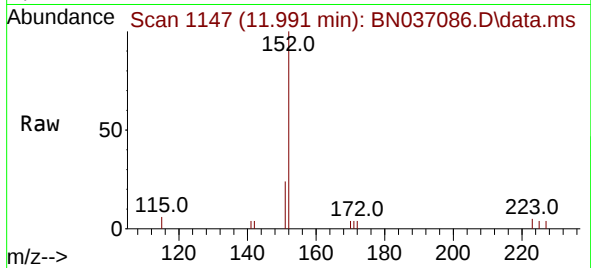




#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

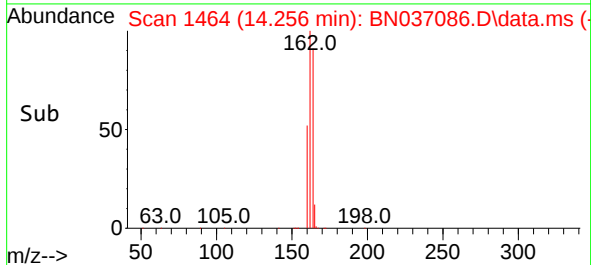
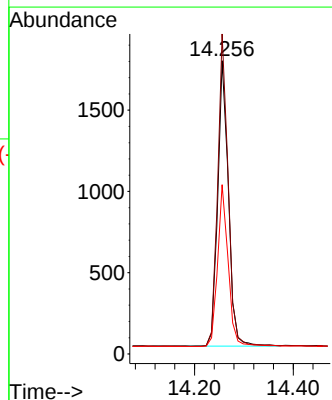
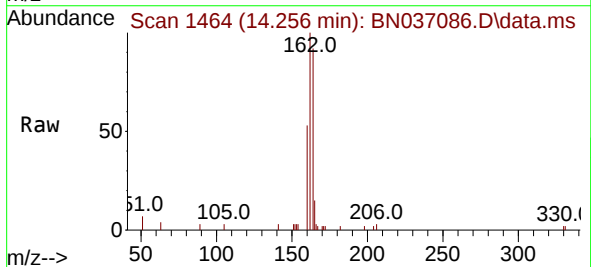
Instrument :
BNA_N
ClientSampleId :
GDW1

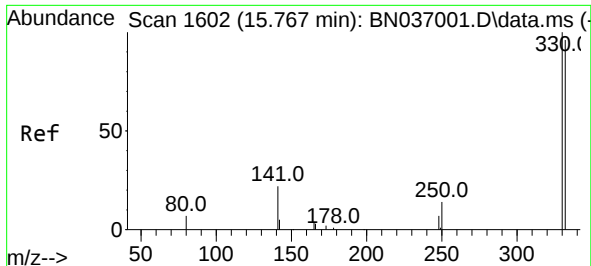
Tgt Ion:152 Resp: 1949
Ion Ratio Lower Upper
152 100
151 22.5 17.5 26.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Tgt Ion:164 Resp: 2639
Ion Ratio Lower Upper
164 100
162 109.1 84.2 126.4
160 57.7 42.6 63.8

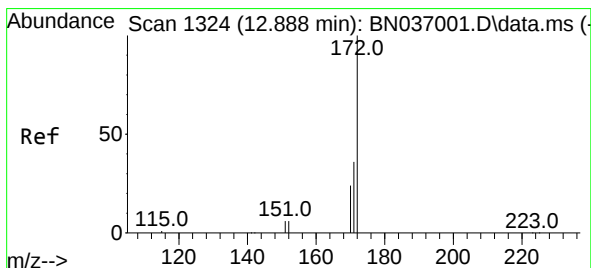
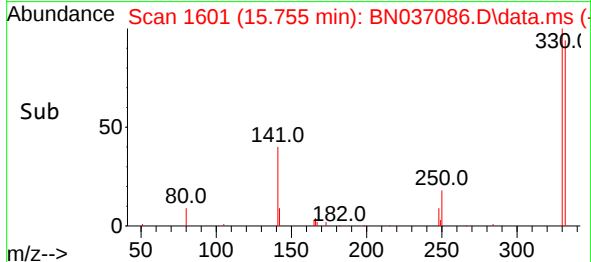
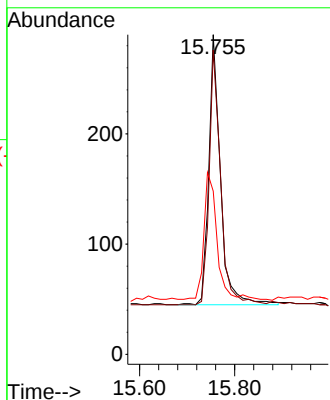
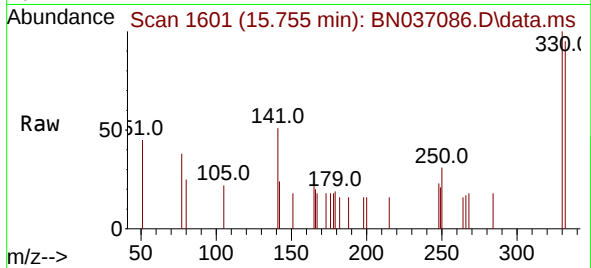




#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.755 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

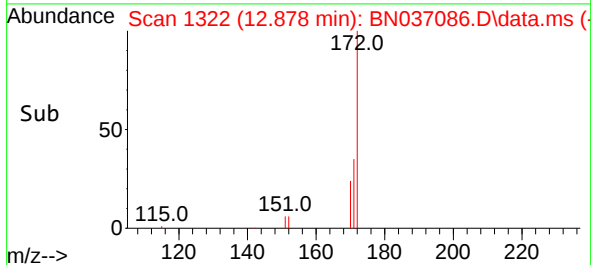
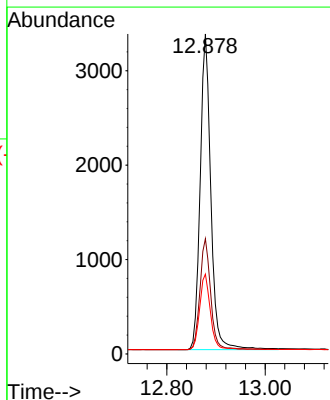
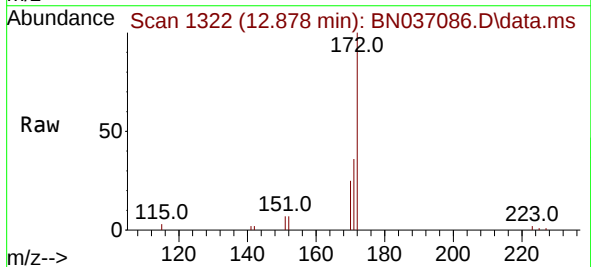
Instrument :
BNA_N
ClientSampleId :
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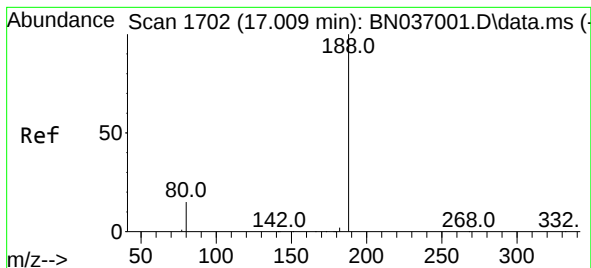
Tgt Ion:330 Resp: 422
Ion Ratio Lower Upper
330 100
332 91.7 73.8 110.8
141 55.2 43.9 65.9



#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 12.878 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Tgt Ion:172 Resp: 5347
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 25.0 20.5 30.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN037086.D

Acq: 27 May 2025 14:35

Instrument :

BNA_N

ClientSampleId :

GDW1

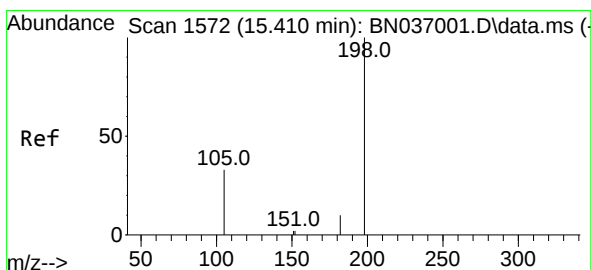
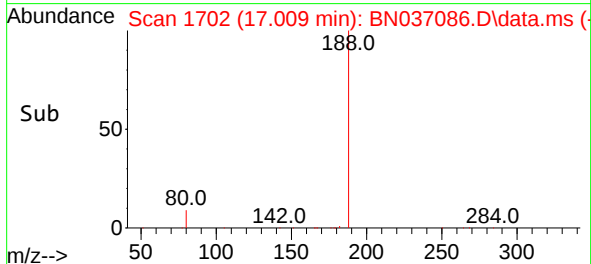
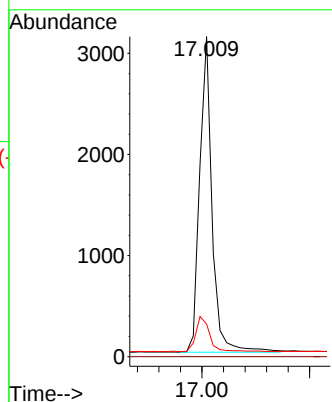
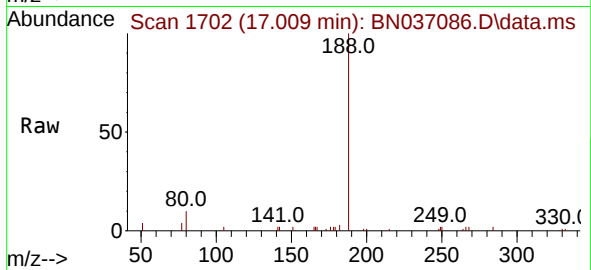
Tgt Ion:188 Resp: 4979

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.2 13.4 20.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.028 ng

RT: 15.443 min Scan# 1575

Delta R.T. 0.033 min

Lab File: BN037086.D

Acq: 27 May 2025 14:35

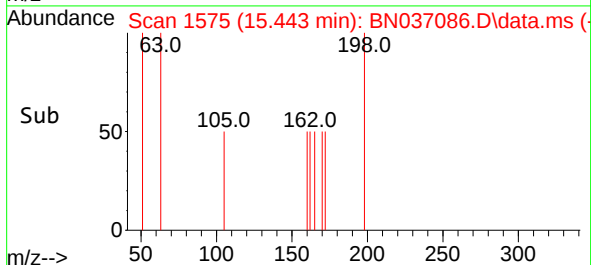
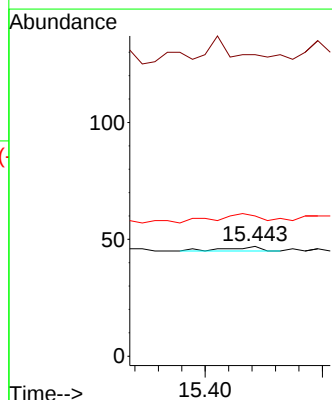
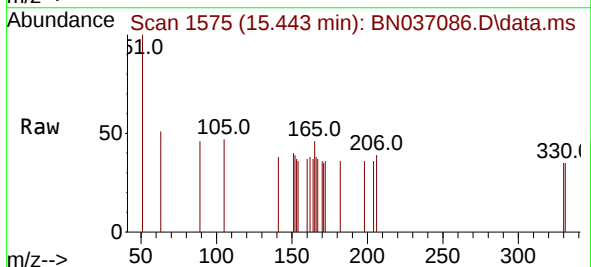
Tgt Ion:198 Resp: 4

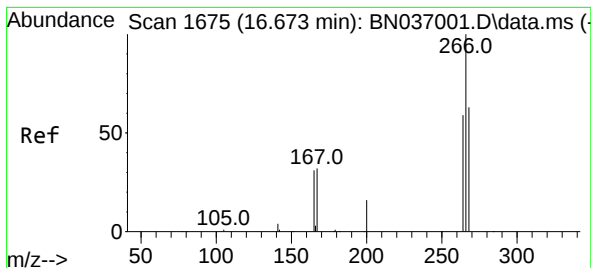
Ion Ratio Lower Upper

198 100

51 274.5 87.8 131.6#

105 127.7 44.2 66.4#





#24

Pentachlorophenol

Concen: 0.021 ng

RT: 16.661 min Scan# 1674

Delta R.T. -0.012 min

Lab File: BN037086.D

Acq: 27 May 2025 14:35

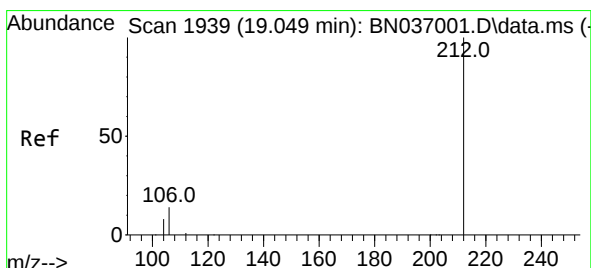
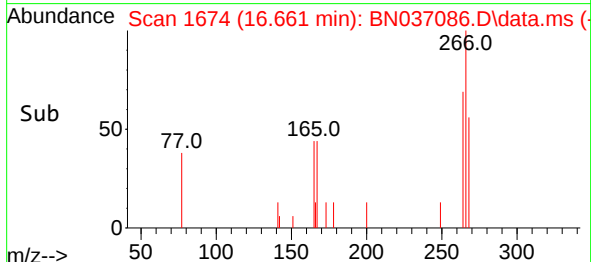
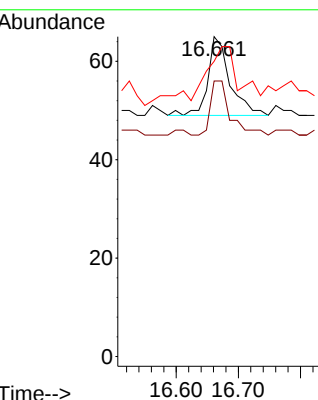
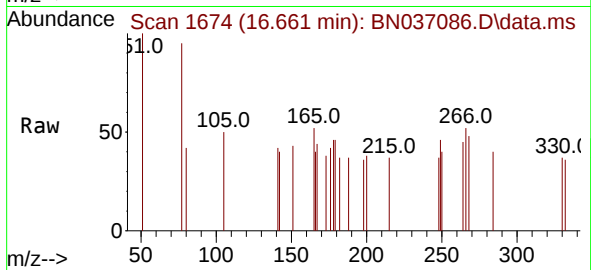
Instrument :

BNA_N

ClientSampleId :

GDW1

Tgt Ion:	266	Resp:	39
Ion Ratio	Lower	Upper	
266	100		
264	61.5	47.9	71.9
268	117.9	50.0	75.0



#27

Fluoranthene-d10

Concen: 0.336 ng

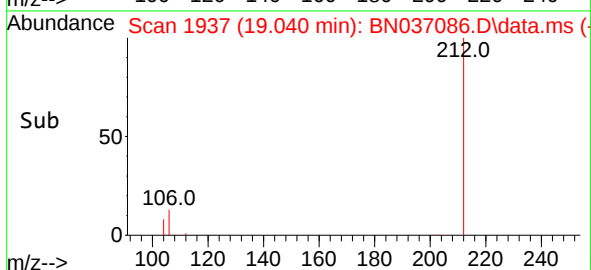
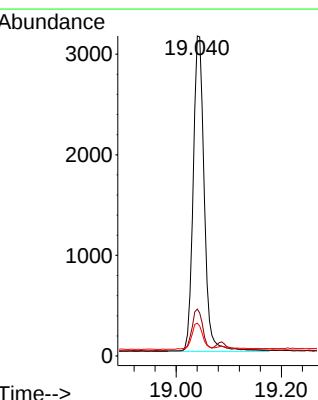
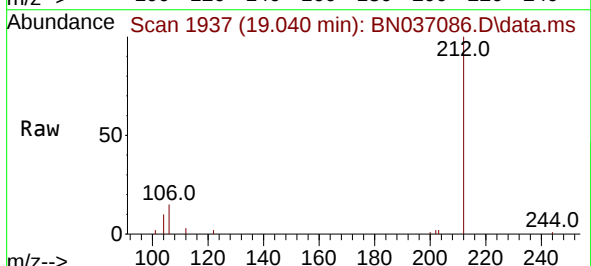
RT: 19.040 min Scan# 1937

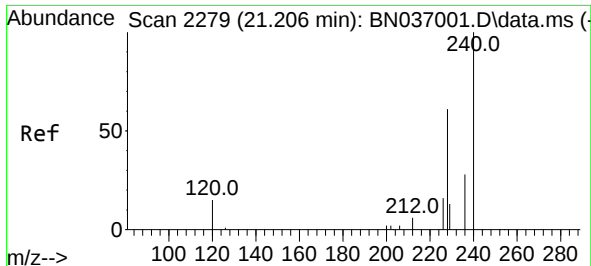
Delta R.T. -0.009 min

Lab File: BN037086.D

Acq: 27 May 2025 14:35

Tgt Ion:	212	Resp:	4591
Ion Ratio	Lower	Upper	
212	100		
106	13.1	11.3	16.9
104	8.1	6.7	10.1

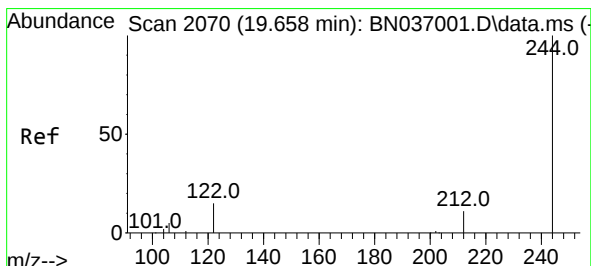
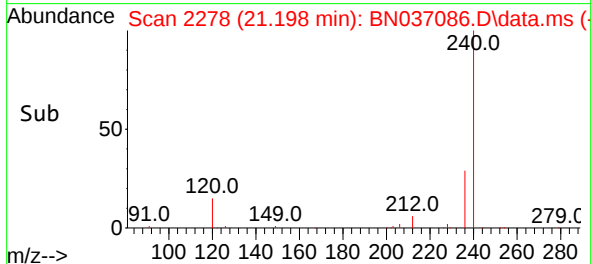
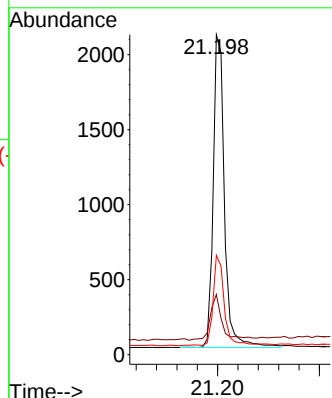
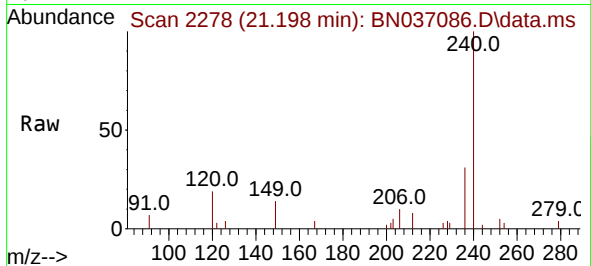




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 21198
Delta R.T. -0.009 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

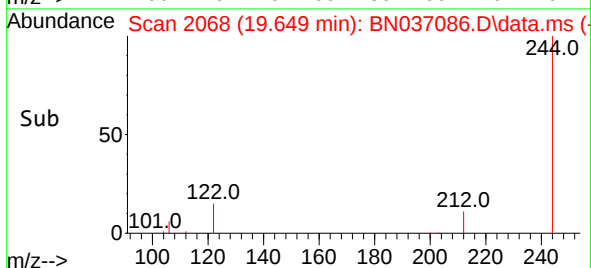
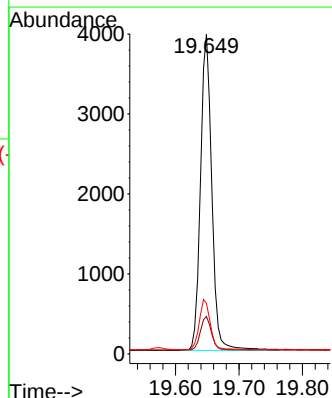
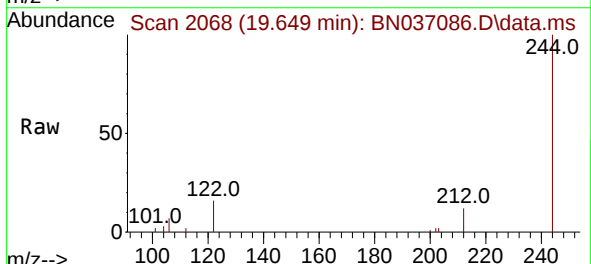
Instrument :
BNA_N
ClientSampleId :
GDW1

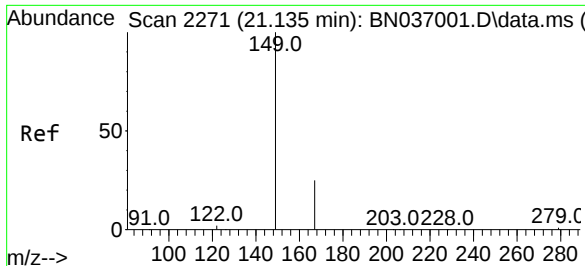
Tgt Ion:240 Resp: 3199
Ion Ratio Lower Upper
240 100
120 18.8 15.1 22.7
236 31.0 24.0 36.0



#31
Terphenyl-d14
Concen: 0.716 ng
RT: 19.649 min Scan# 2068
Delta R.T. -0.009 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Tgt Ion:244 Resp: 4896
Ion Ratio Lower Upper
244 100
212 11.7 9.7 14.5
122 15.8 13.4 20.0

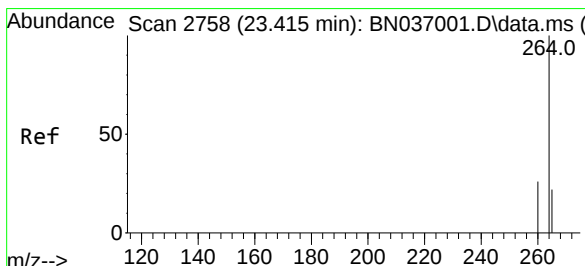
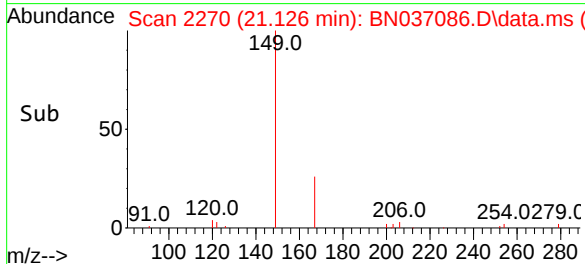
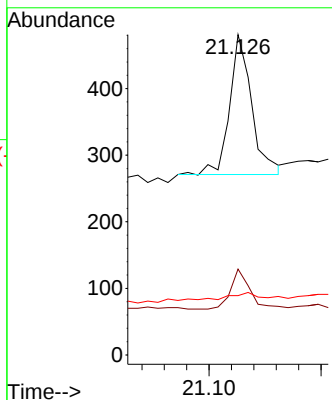
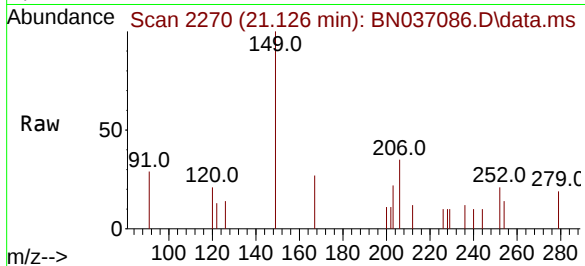




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.039 ng
RT: 21.126 min Scan# 211
Delta R.T. -0.009 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Instrument :
BNA_N
ClientSampleId :
GDW1

Tgt Ion:149 Resp: 287
Ion Ratio Lower Upper
149 100
167 25.1 20.6 30.8
279 8.0 2.6 3.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.401 min Scan# 2753
Delta R.T. -0.015 min
Lab File: BN037086.D
Acq: 27 May 2025 14:35

Tgt Ion:264 Resp: 2828
Ion Ratio Lower Upper
264 100
260 28.1 21.9 32.9
265 81.8 51.6 77.4#

