

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
 Data File : BN037405.D
 Acq On : 26 Jun 2025 22:50
 Operator : RC/JU
 Sample : Q2372-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAV1W

Quant Time: Jun 27 03:01:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 26 16:06:33 2025
 Response via : Initial Calibration

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

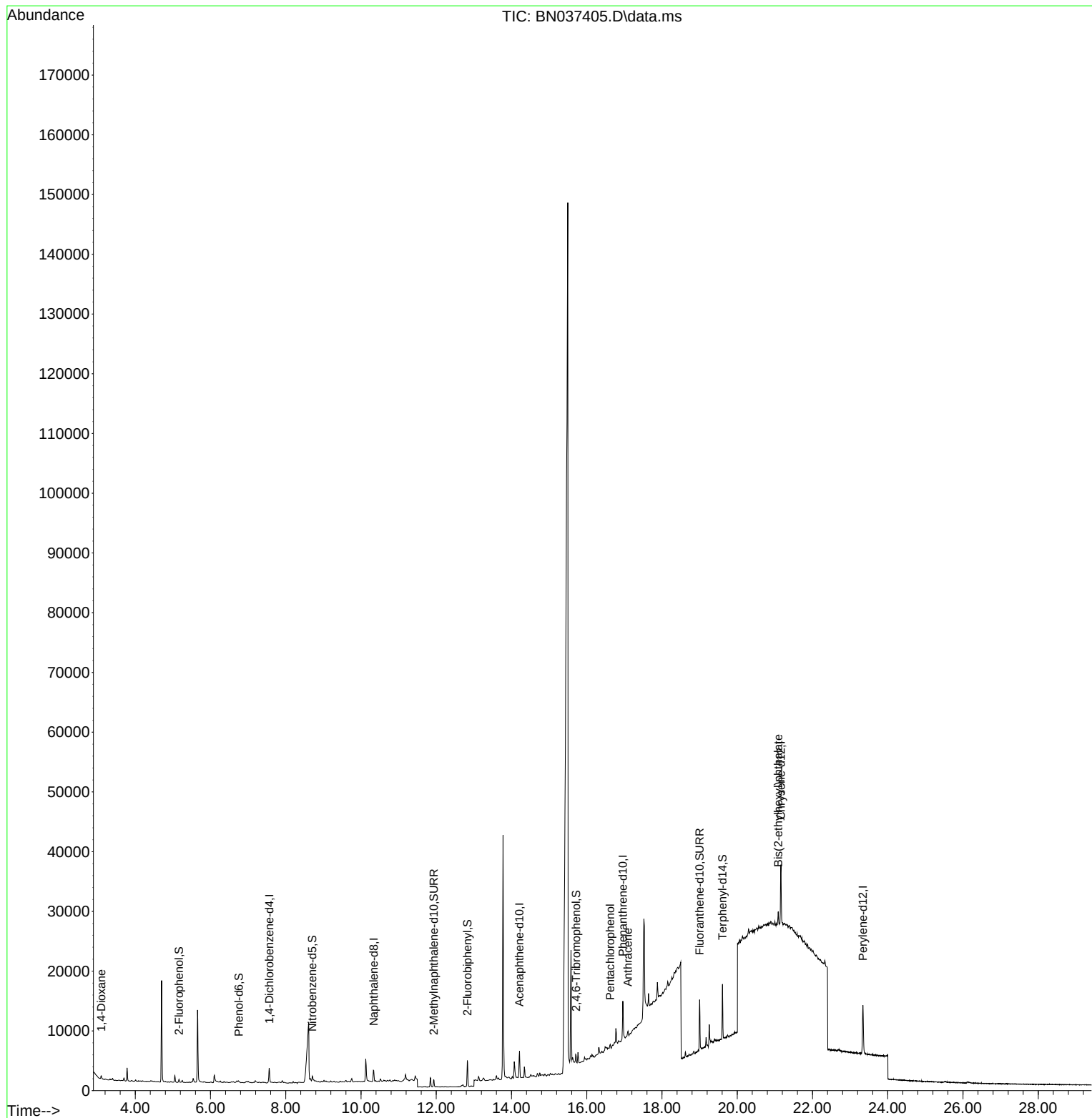
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	1177	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	2747	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2584	0.400	ng	0.00
19) Phenanthrene-d10	16.959	188	8148	0.400	ng	# 0.00
29) Chrysene-d12	21.162	240	9805	0.400	ng	# 0.00
35) Perylene-d12	23.339	264	9788	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	407	0.179	ng	0.00
5) Phenol-d6	6.752	99	267	0.114	ng	0.00
8) Nitrobenzene-d5	8.707	82	815	0.370	ng	-0.01
11) 2-Methylnaphthalene-d10	11.935	152	1675	0.394	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	851	0.561	ng	0.00
15) 2-Fluorobiphenyl	12.828	172	3801	0.341	ng	0.00
27) Fluoranthene-d10	18.998	212	10045	0.430	ng	0.00
31) Terphenyl-d14	19.607	244	8775	0.420	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.097	88	239	0.214	ng	# 1
24) Pentachlorophenol	16.624	266	357	0.107	ng	97
26) Anthracene	17.095	178	849	0.040	ng	# 61
34) Bis(2-ethylhexyl)phtha...	21.090	149	1986	0.163	ng	99

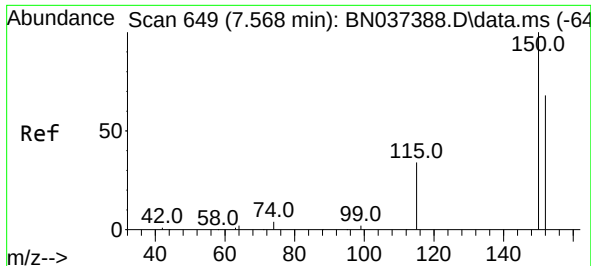
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
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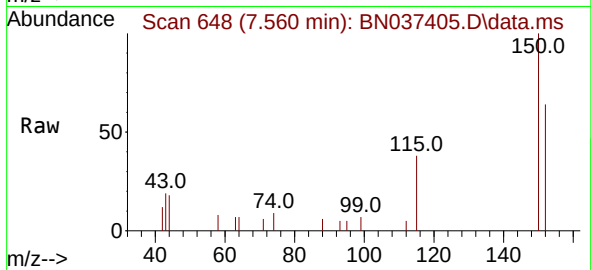
Quant Time: Jun 27 03:01:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
Response via : Initial Calibration



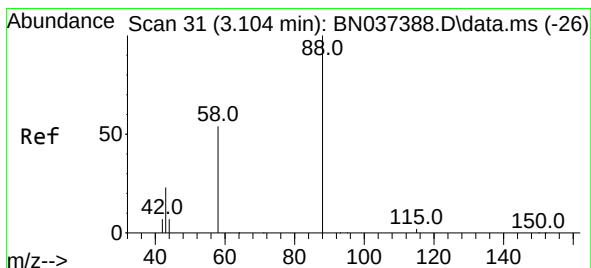
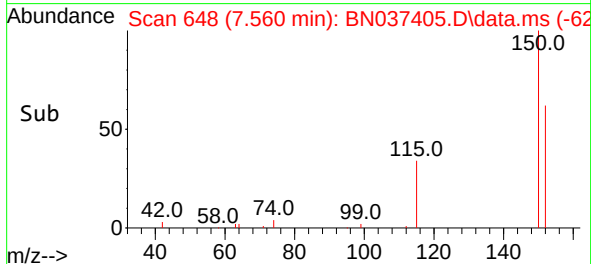
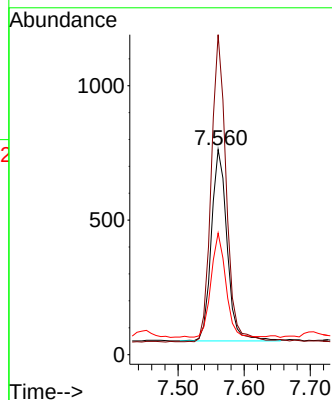


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.560 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN037405.D
 Acq: 26 Jun 2025 22:50

Instrument :
 BNA_N
 ClientSampleId :
 GAV1W

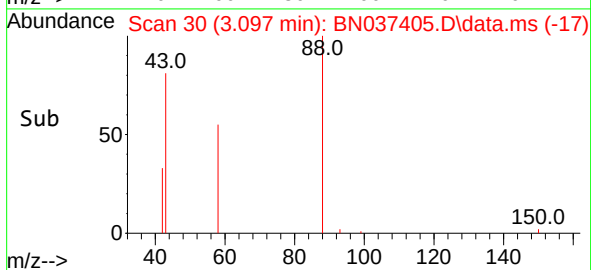
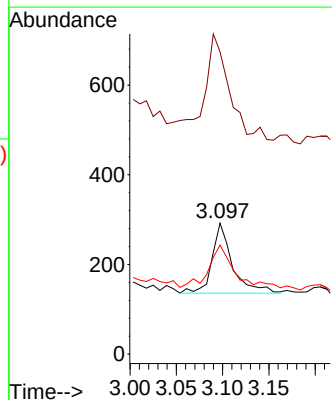
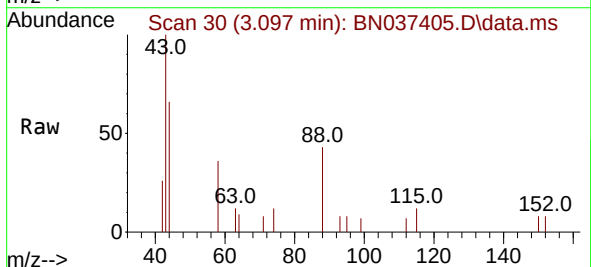


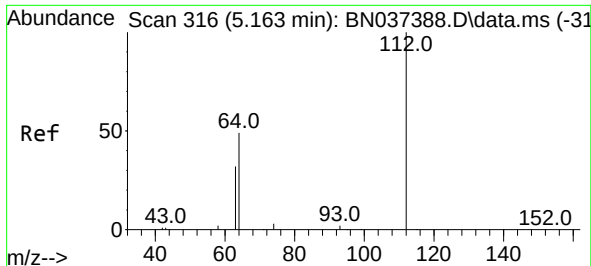
Tgt Ion:152 Resp: 1177
 Ion Ratio Lower Upper
 152 100
 150 156.0 116.2 174.2
 115 59.2 42.9 64.3



#2
 1,4-Dioxane
 Concen: 0.214 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037405.D
 Acq: 26 Jun 2025 22:50

Tgt Ion: 88 Resp: 239
 Ion Ratio Lower Upper
 88 100
 43 169.0 21.6 32.4#
 58 74.5 45.9 68.9#

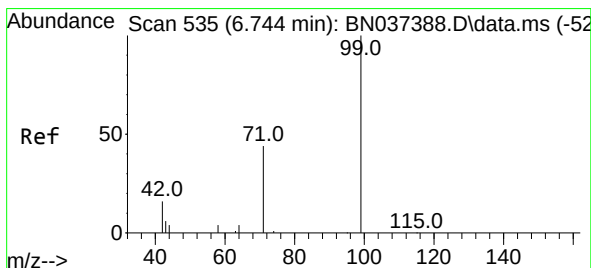
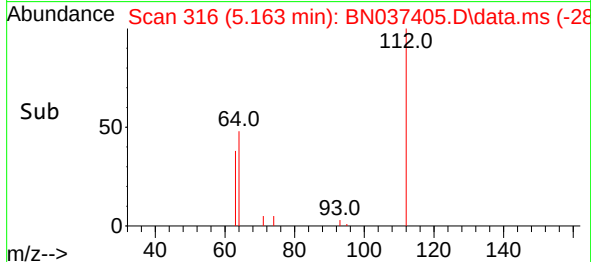
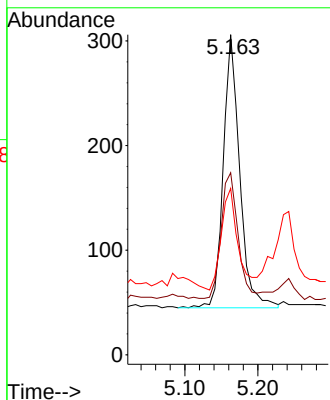
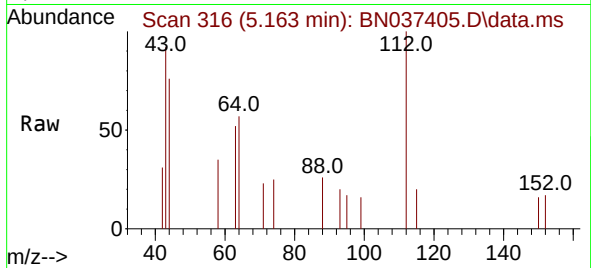




#4
2-Fluorophenol
Concen: 0.179 ng
RT: 5.163 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

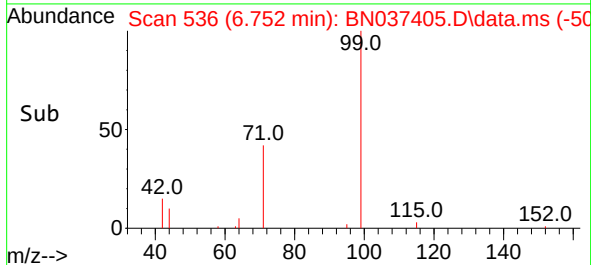
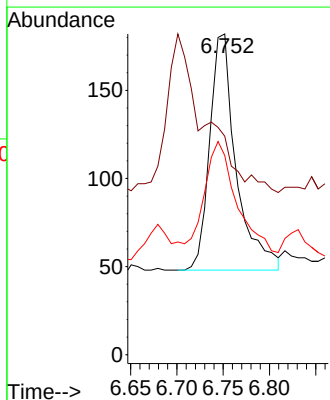
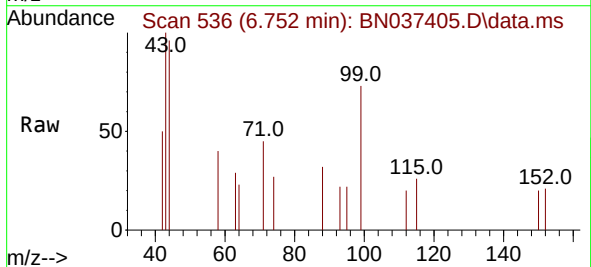
Instrument :
BNA_N
ClientSampleId :
GAV1W

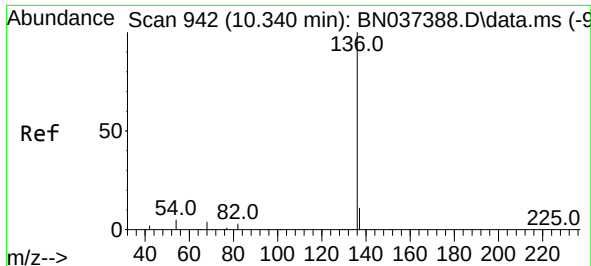
Tgt Ion:112 Resp: 407
Ion Ratio Lower Upper
112 100
64 47.4 40.3 60.5
63 36.9 26.1 39.1



#5
Phenol-d6
Concen: 0.114 ng
RT: 6.752 min Scan# 536
Delta R.T. 0.007 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Tgt Ion: 99 Resp: 267
Ion Ratio Lower Upper
99 100
42 0.0 15.6 23.4#
71 64.8 35.8 53.8#

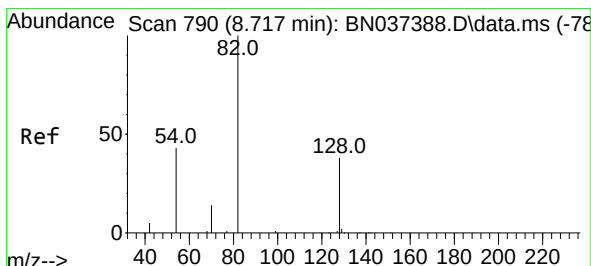
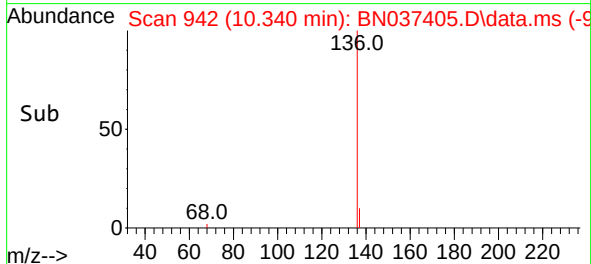
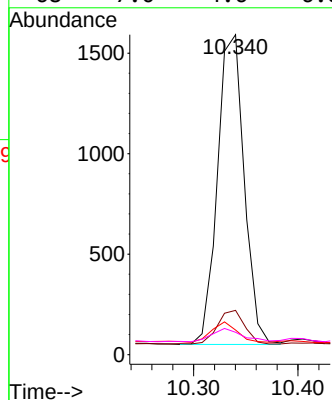
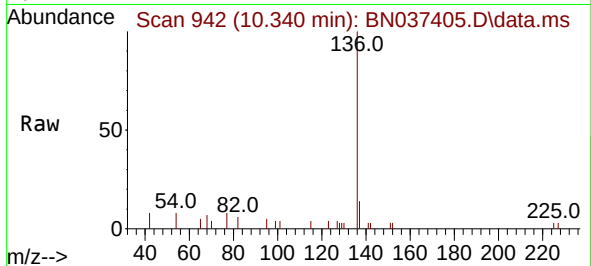




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

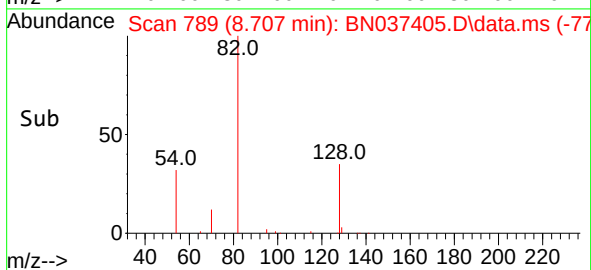
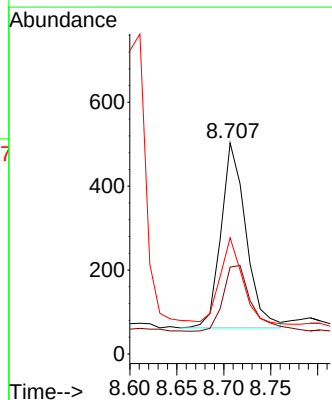
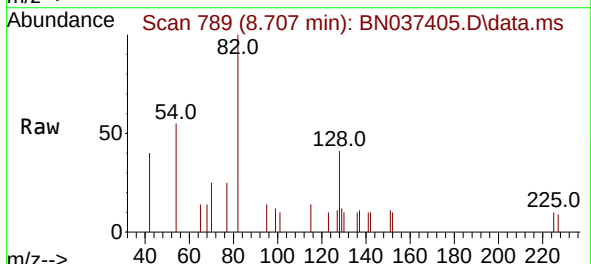
Instrument :
BNA_N
ClientSampleId :
GAV1W

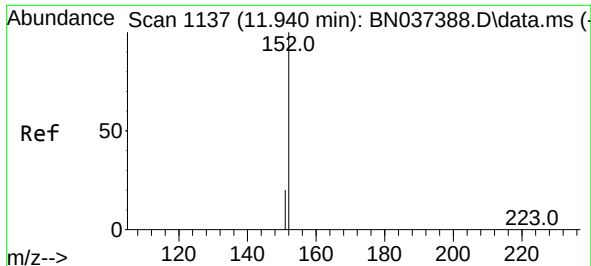
Tgt Ion:	136	Resp:	2747
Ion Ratio	Lower	Upper	
136	100		
137	13.8	10.4	15.6
54	7.7	5.6	8.4
68	7.0	4.6	6.8



#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 8.707 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Tgt Ion:	82	Resp:	815
Ion Ratio	Lower	Upper	
82	100		
128	41.2	34.0	51.0
54	55.1	37.7	56.5





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 11.935 min Scan# 1136

Delta R.T. -0.005 min

Lab File: BN037405.D

Acq: 26 Jun 2025 22:50

Instrument :

BNA_N

ClientSampleId :

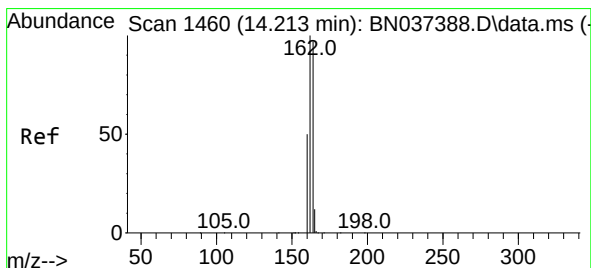
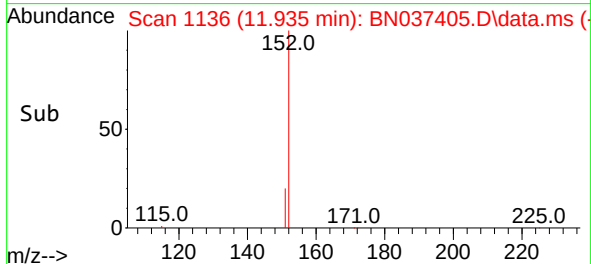
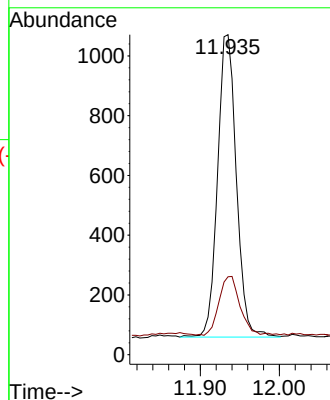
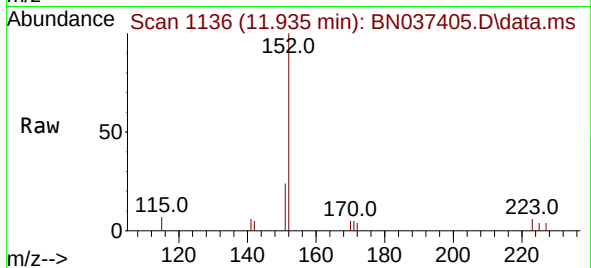
GAV1W

Tgt Ion:152 Resp: 1675

Ion Ratio Lower Upper

152 100

151 21.4 18.4 27.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.213 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BN037405.D

Acq: 26 Jun 2025 22:50

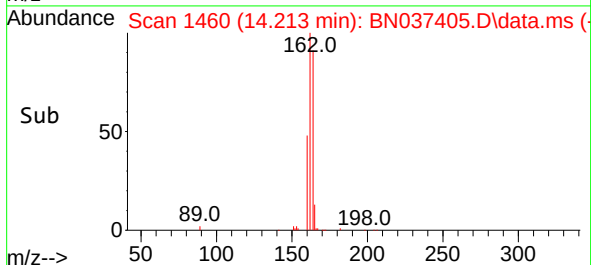
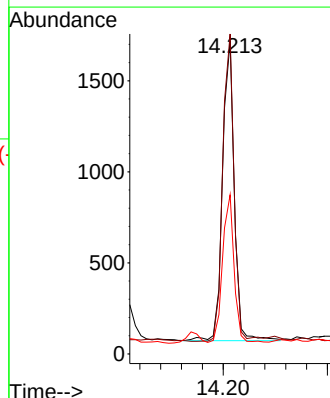
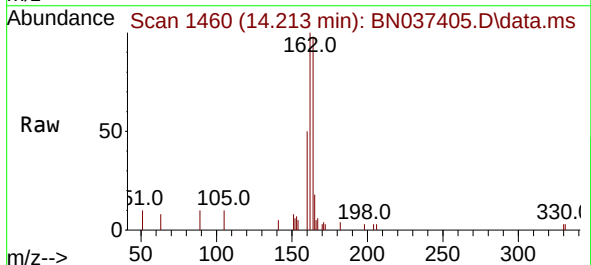
Tgt Ion:164 Resp: 2584

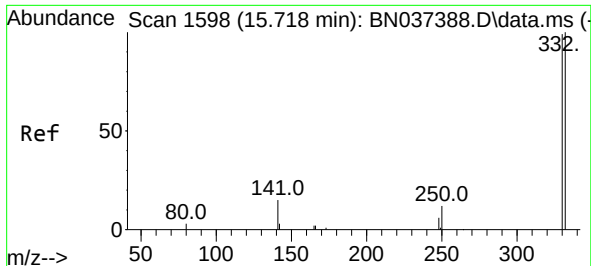
Ion Ratio Lower Upper

164 100

162 102.2 82.6 123.8

160 50.8 42.2 63.2

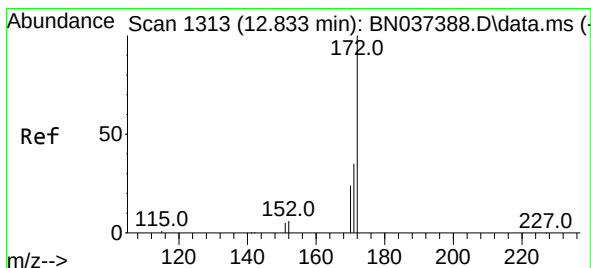
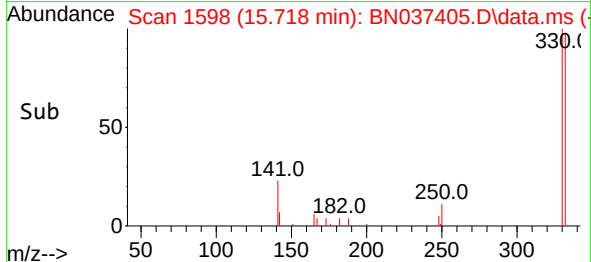
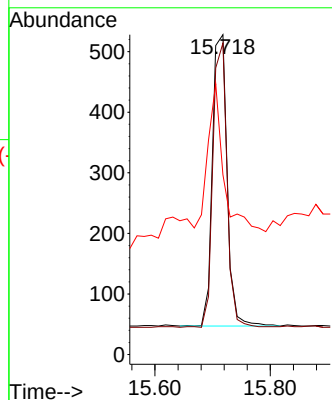
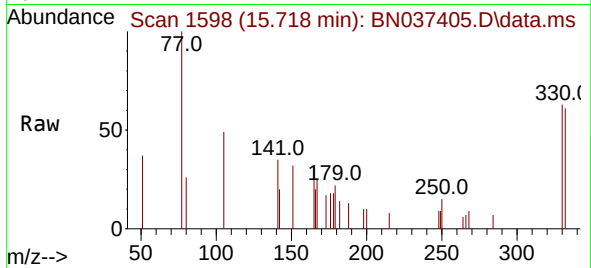




#14
2,4,6-Tribromophenol
Concen: 0.561 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

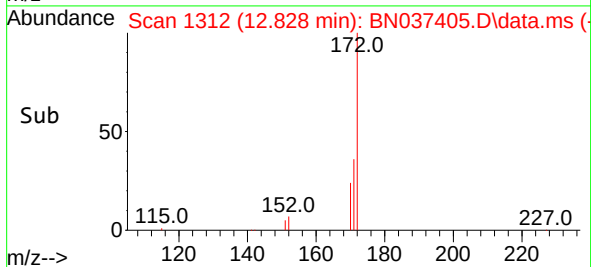
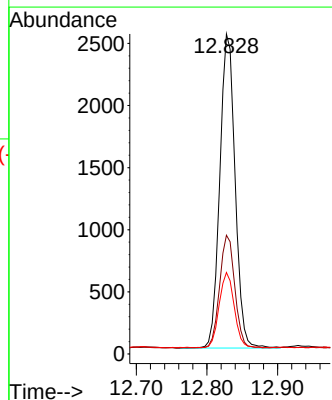
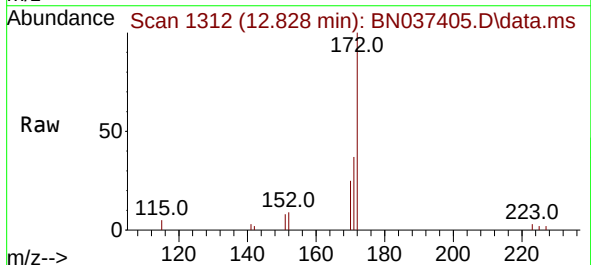
Instrument :
BNA_N
ClientSampleId :
GAV1W

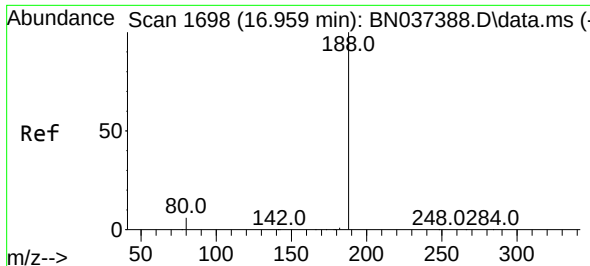
Tgt Ion: 330 Resp: 851
Ion Ratio Lower Upper
330 100
332 93.5 77.8 116.8
141 59.8 24.0 36.0#



#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 12.828 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Tgt Ion: 172 Resp: 3801
Ion Ratio Lower Upper
172 100
171 37.1 28.8 43.2
170 25.5 20.3 30.5

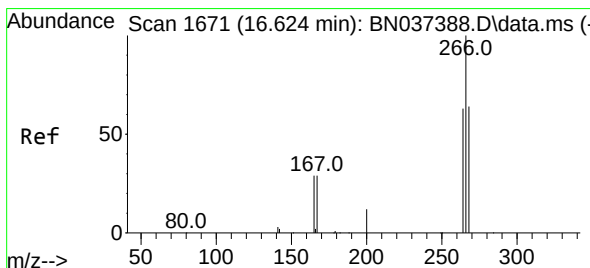
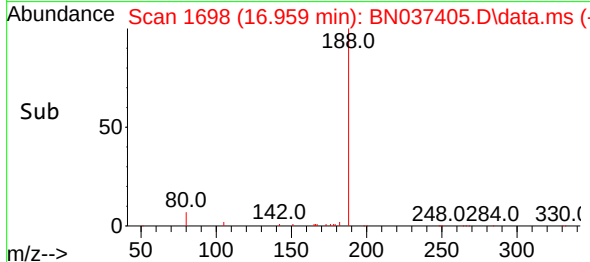
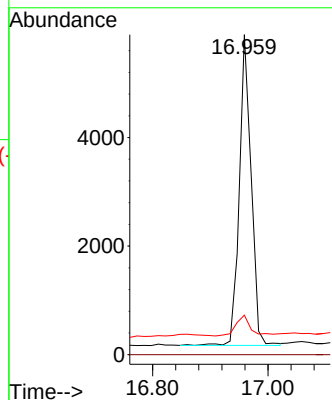
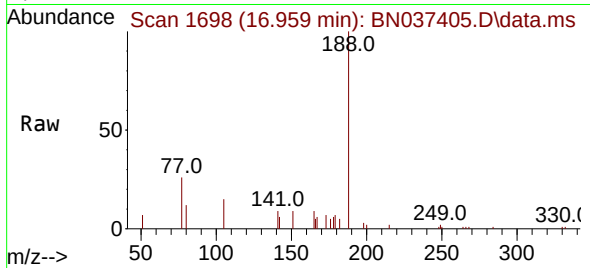




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.959 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

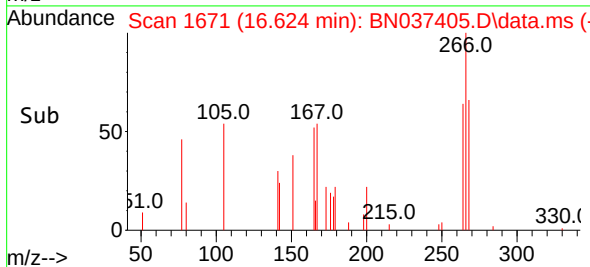
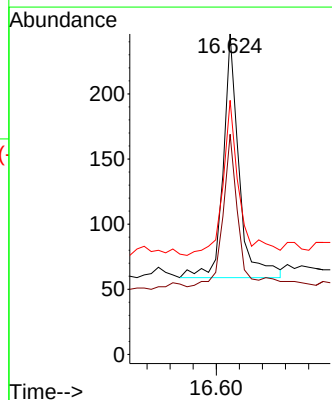
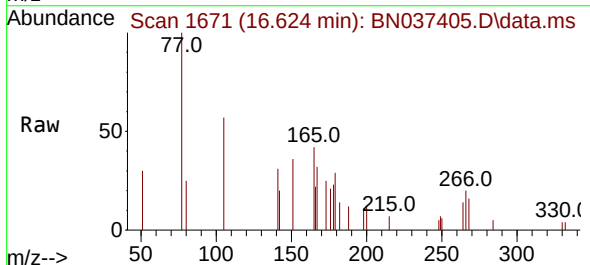
Instrument :
BNA_N
ClientSampleId :
GAV1W

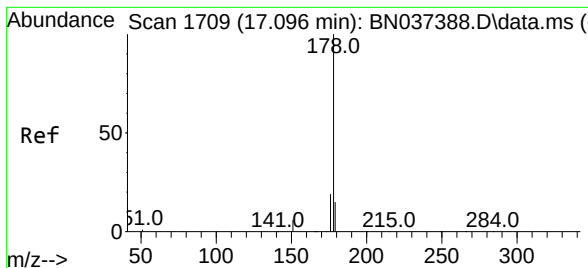
Tgt Ion:188 Resp: 8148
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 6.2 9.4#



#24
Pentachlorophenol
Concen: 0.107 ng
RT: 16.624 min Scan# 1671
Delta R.T. -0.000 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Tgt Ion:266 Resp: 357
Ion Ratio Lower Upper
266 100
264 57.1 49.2 73.8
268 66.7 54.2 81.4





#26

Anthracene

Concen: 0.040 ng

RT: 17.095 min Scan# 1709

Delta R.T. -0.000 min

Lab File: BN037405.D

Acq: 26 Jun 2025 22:50

Instrument :

BNA_N

ClientSampleId :

GAV1W

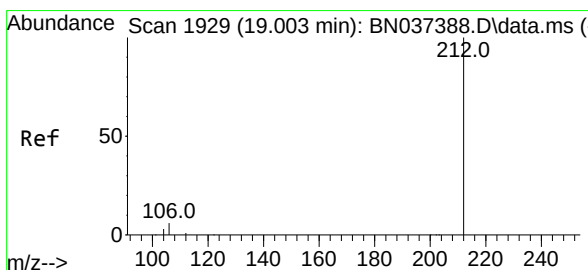
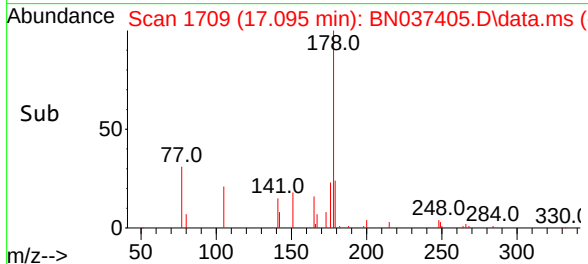
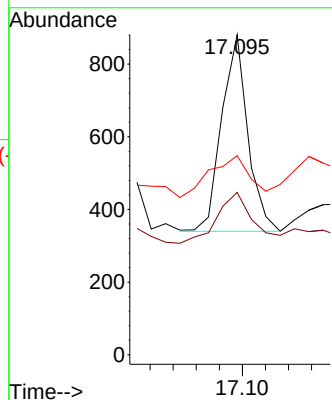
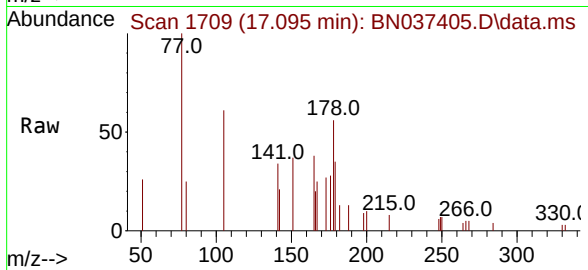
Tgt Ion:178 Resp: 849

Ion Ratio Lower Upper

178 100

176 35.5 14.9 22.3#

179 32.3 12.4 18.6#



#27

Fluoranthene-d10

Concen: 0.430 ng

RT: 18.998 min Scan# 1928

Delta R.T. -0.005 min

Lab File: BN037405.D

Acq: 26 Jun 2025 22:50

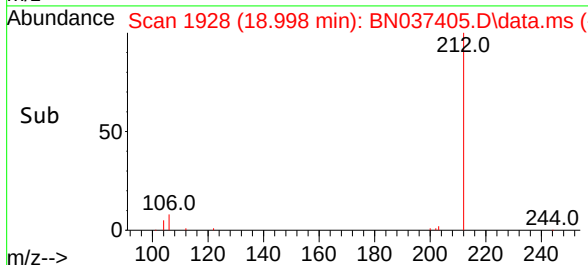
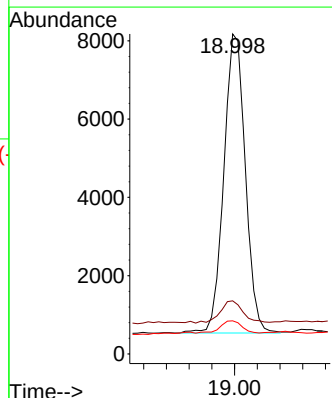
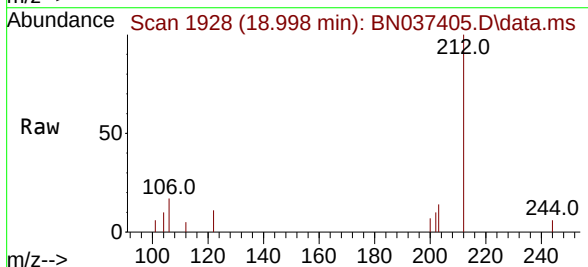
Tgt Ion:212 Resp: 10045

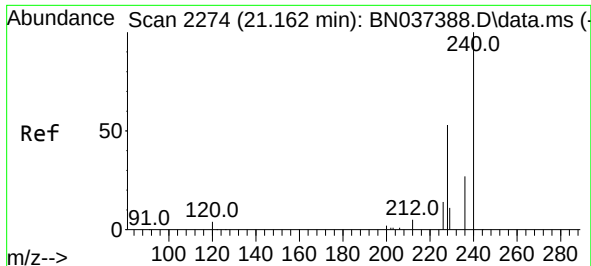
Ion Ratio Lower Upper

212 100

106 7.9 4.5 6.7#

104 4.7 2.7 4.1#

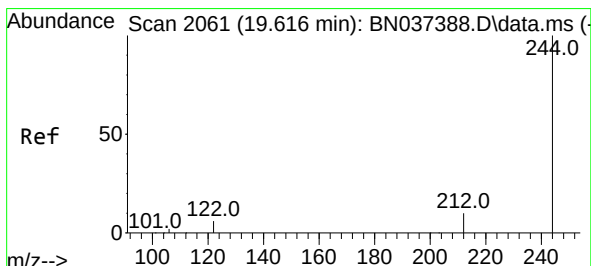
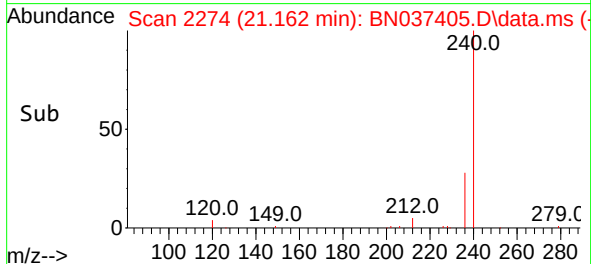
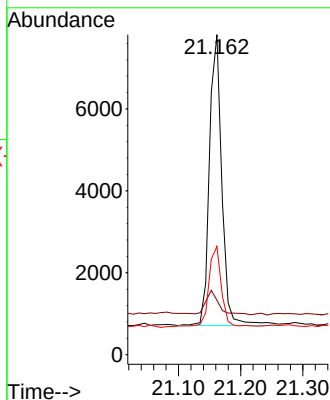
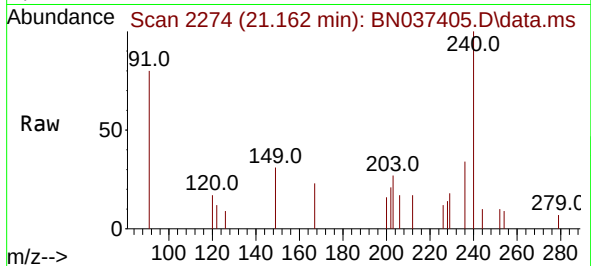




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.162 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

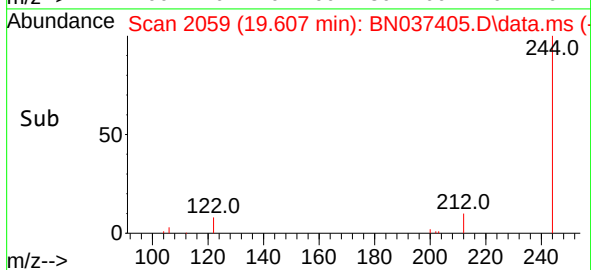
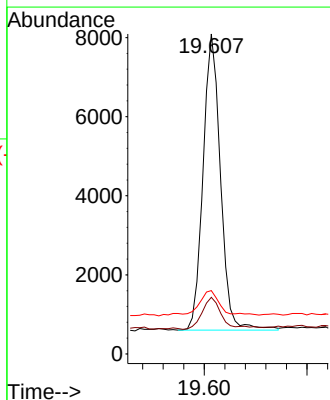
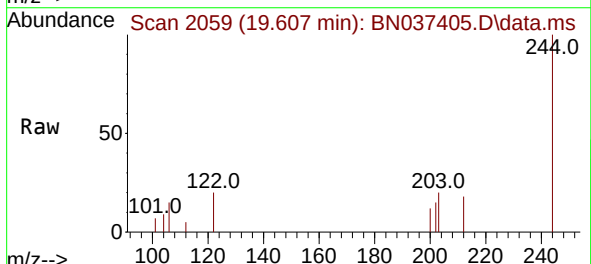
Instrument :
BNA_N
ClientSampleId :
GAV1W

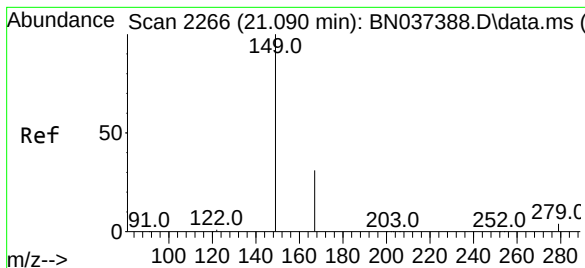
Tgt Ion:240 Resp: 9805
Ion Ratio Lower Upper
240 100
120 17.0 5.3 7.9#
236 33.9 22.7 34.1



#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.607 min Scan# 2059
Delta R.T. -0.009 min
Lab File: BN037405.D
Acq: 26 Jun 2025 22:50

Tgt Ion:244 Resp: 8775
Ion Ratio Lower Upper
244 100
212 17.7 9.1 13.7#
122 19.8 6.3 9.5#

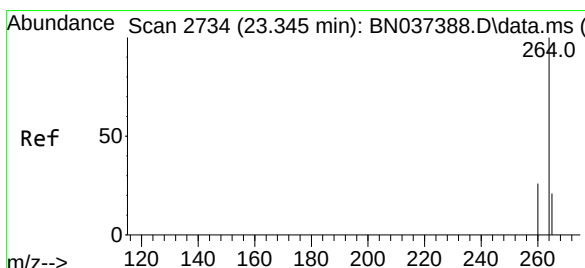
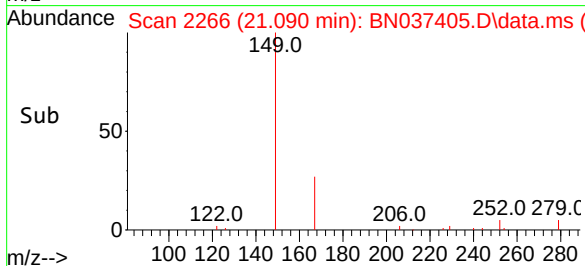
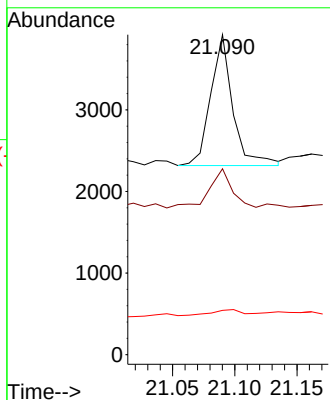
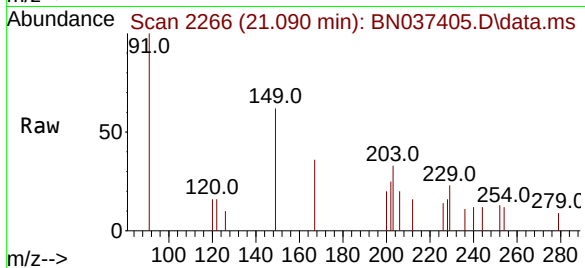




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.163 ng
 RT: 21.090 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037405.D
 Acq: 26 Jun 2025 22:50

Instrument :
 BNA_N
 ClientSampleId :
 GAV1W

Tgt Ion:149 Resp: 1986
 Ion Ratio Lower Upper
 149 100
 167 30.7 24.8 37.2
 279 6.5 5.0 7.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.339 min Scan# 2732
 Delta R.T. -0.006 min
 Lab File: BN037405.D
 Acq: 26 Jun 2025 22:50

Tgt Ion:264 Resp: 9788
 Ion Ratio Lower Upper
 264 100
 260 29.4 21.4 32.0
 265 69.8 56.2 84.4

