

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
 Data File : BN037116.D
 Acq On : 28 May 2025 19:35
 Operator : RC/JU
 Sample : Q2082-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-340-342

Quant Time: May 29 01:32:36 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)

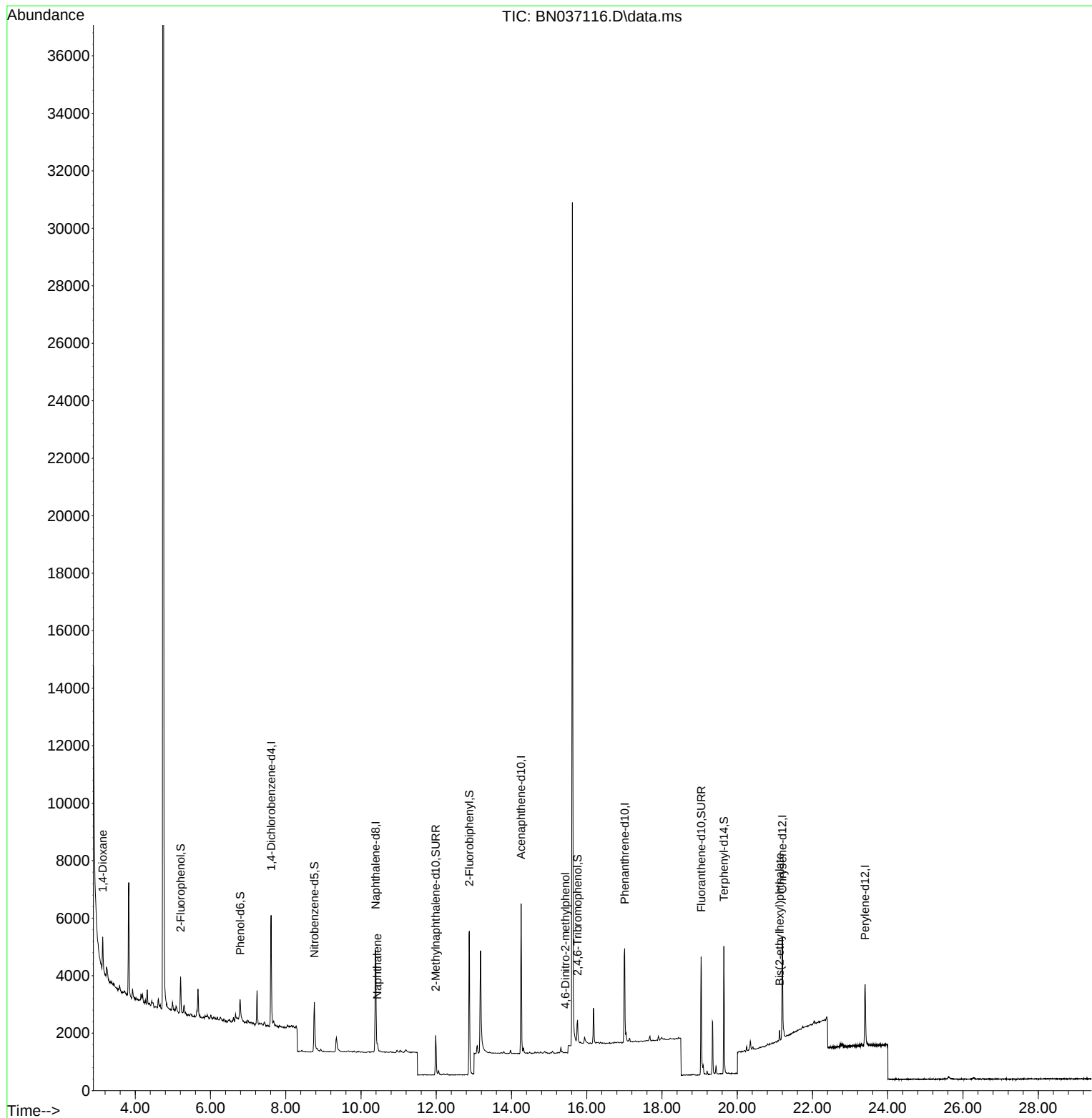
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1870	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4981	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2695	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5234	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	3312	0.400	ng	0.00
35) Perylene-d12	23.398	264	2878	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	820	0.167	ng	0.00
5) Phenol-d6	6.788	99	621	0.101	ng	0.00
8) Nitrobenzene-d5	8.760	82	1602	0.295	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	1996	0.285	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	442	0.373	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	4906	0.398	ng	-0.01
27) Fluoranthene-d10	19.040	212	4806	0.335	ng	0.00
31) Terphenyl-d14	19.644	244	4028	0.569	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.133	88	652	0.284	ng	# 67
9) Naphthalene	10.436	128	299	0.020	ng	# 54
20) 4,6-Dinitro-2-methylph...	15.432	198	3	0.027	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.126	149	344	0.045	ng	# 96

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

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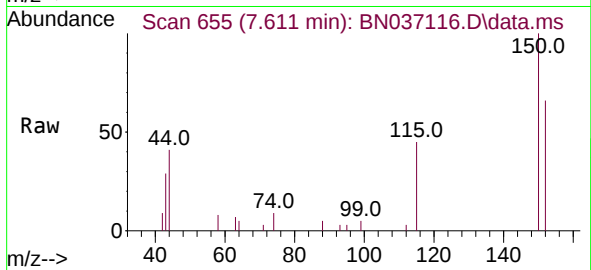
Quant Time: May 29 01:32:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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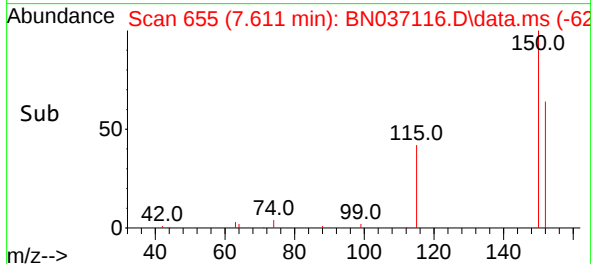
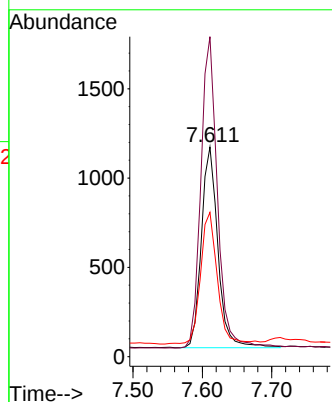
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037116.D
 Acq: 28 May 2025 19:35

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-340-342



Tgt Ion:152 Resp: 1870

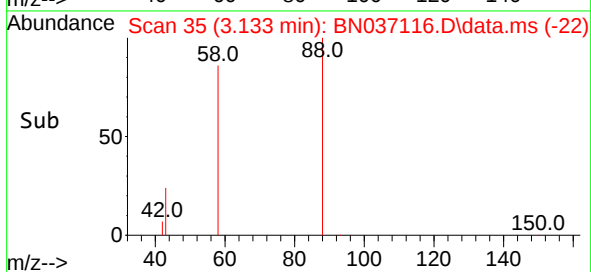
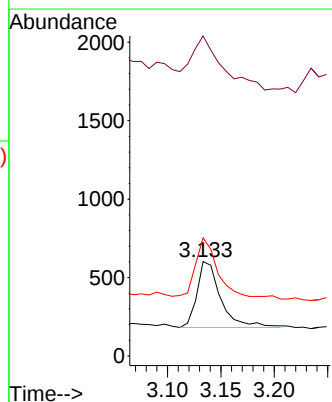
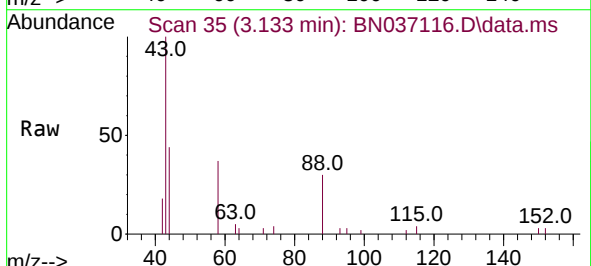
Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.9	185.9
115	68.8	55.8	83.8

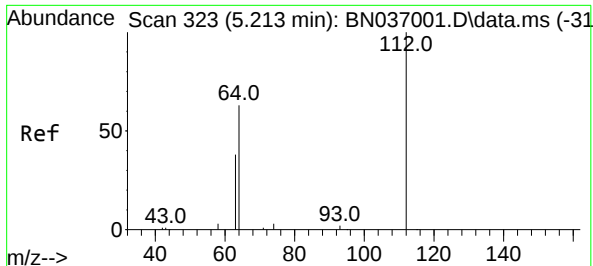


#2
 1,4-Dioxane
 Concen: 0.284 ng
 RT: 3.133 min Scan# 35
 Delta R.T. -0.007 min
 Lab File: BN037116.D
 Acq: 28 May 2025 19:35

Tgt Ion: 88 Resp: 652

Ion	Ratio	Lower	Upper
88	100		
43	101.4	37.4	56.0#
58	92.0	68.8	103.2

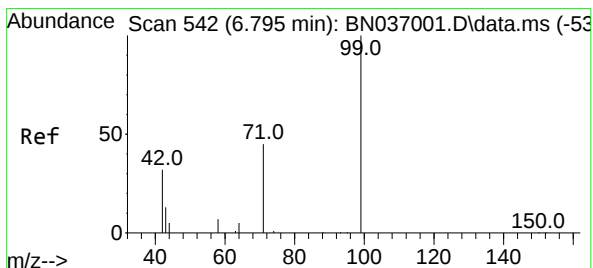
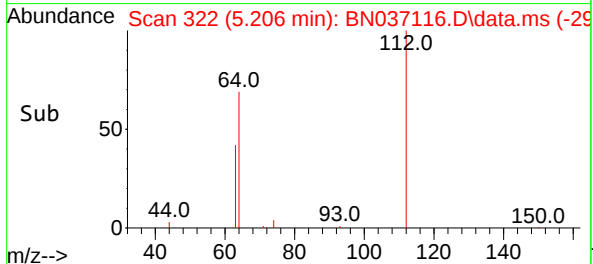
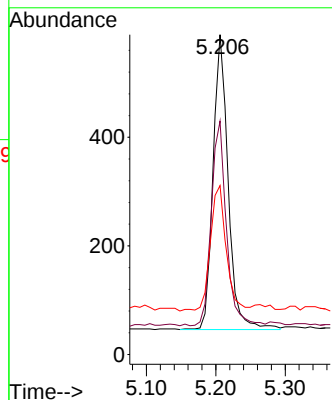
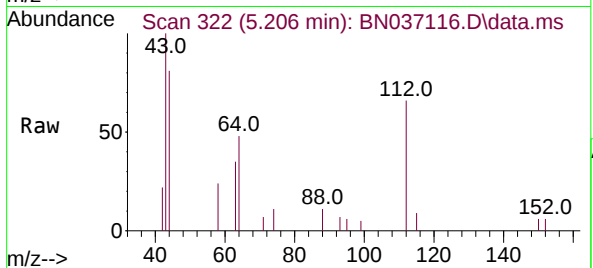




#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.206 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037116.D
Acq: 28 May 2025 19:35

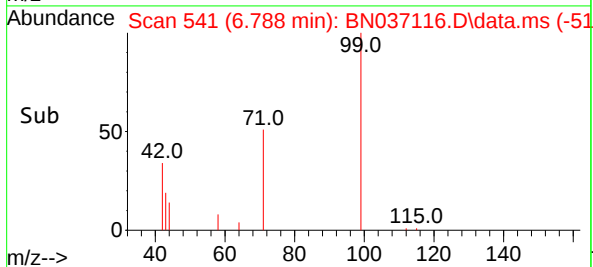
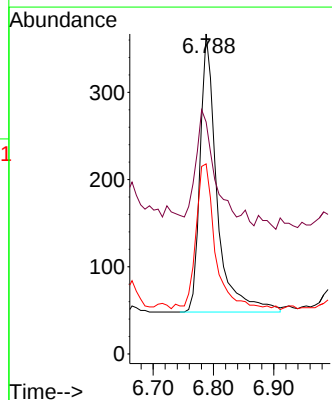
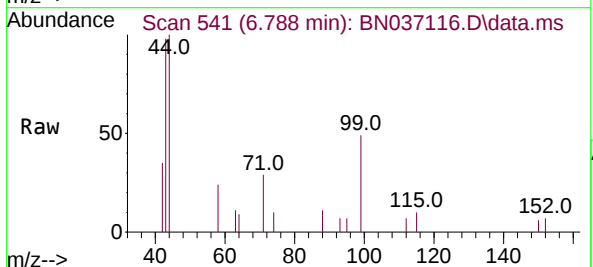
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-340-342

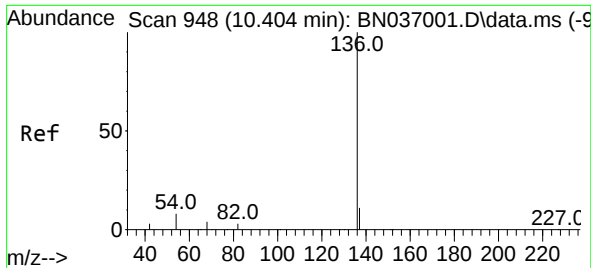
Tgt Ion:112 Resp: 820
Ion Ratio Lower Upper
112 100
64 69.8 55.7 83.5
63 44.6 34.6 51.8



#5
Phenol-d6
Concen: 0.101 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037116.D
Acq: 28 May 2025 19:35

Tgt Ion: 99 Resp: 621
Ion Ratio Lower Upper
99 100
42 49.0 29.3 43.9#
71 60.9 35.7 53.5#

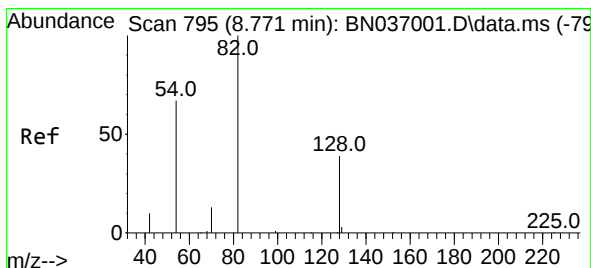
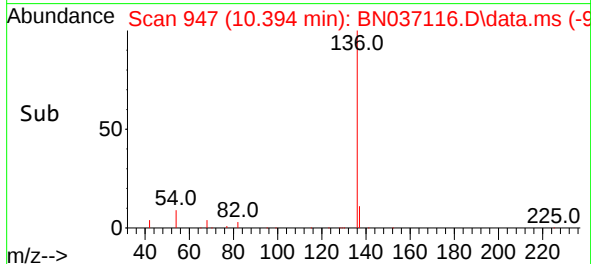
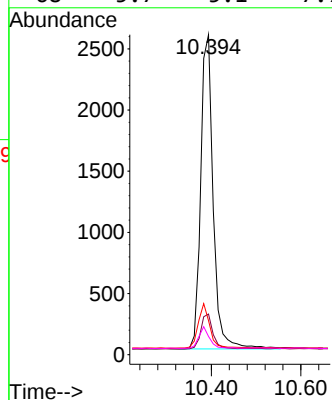
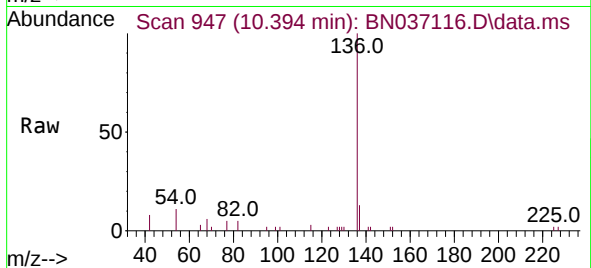




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN037116.D
Acq: 28 May 2025 19:35

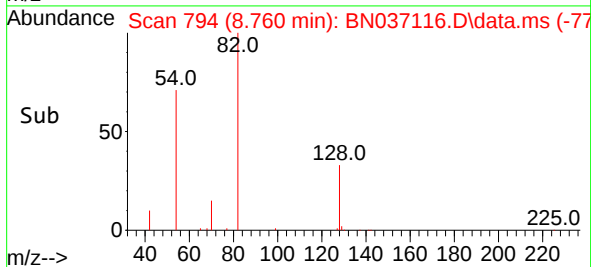
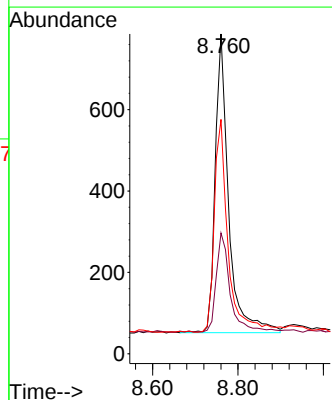
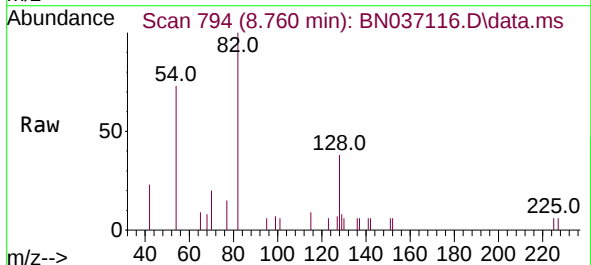
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-340-342

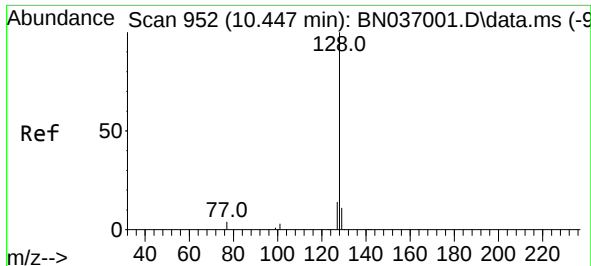
Tgt Ion:	136	Resp:	4981
Ion Ratio	Lower	Upper	
136	100		
137	12.7	10.4	15.6
54	10.7	8.5	12.7
68	5.7	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037116.D
Acq: 28 May 2025 19:35

Tgt Ion:	82	Resp:	1602
Ion Ratio	Lower	Upper	
82	100		
128	37.8	34.0	51.0
54	73.3	55.0	82.4

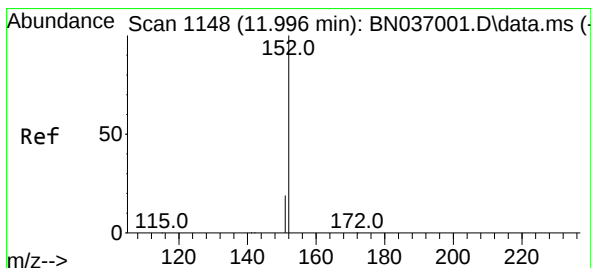
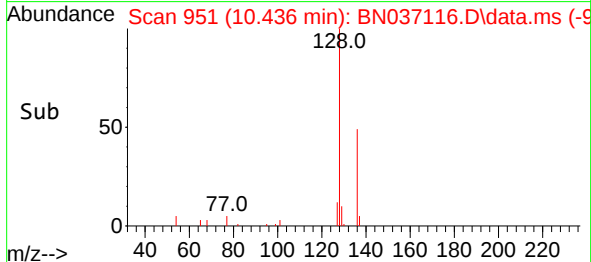
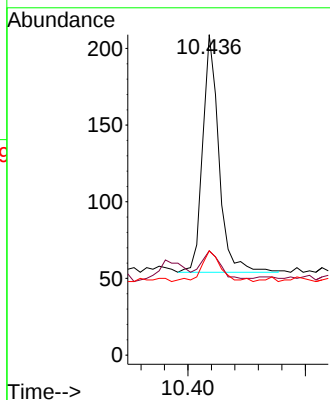
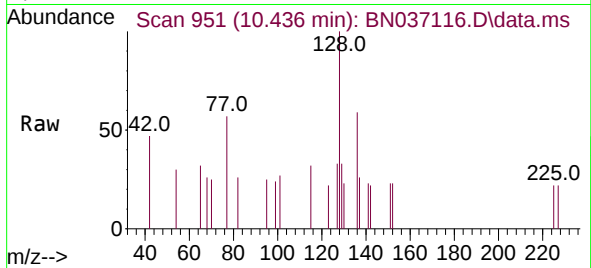




#9
Naphthalene
Concen: 0.020 ng
RT: 10.436 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037116.D
Acq: 28 May 2025 19:35

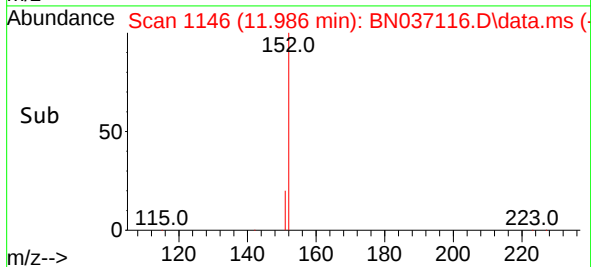
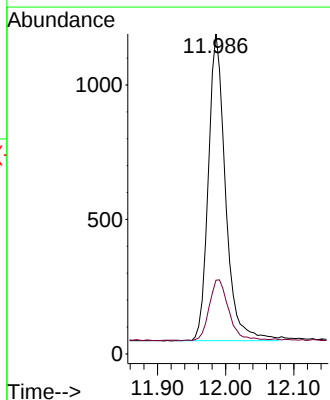
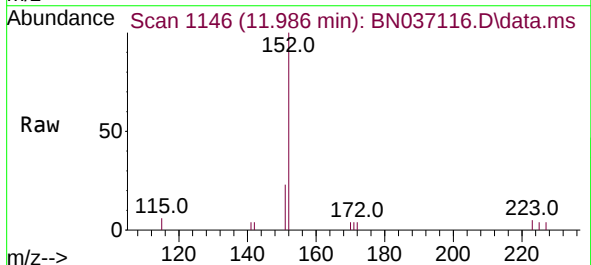
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-340-342

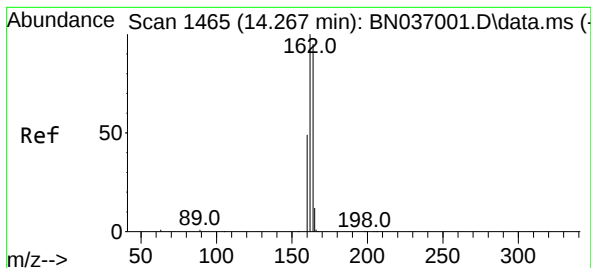
Tgt Ion:128 Resp: 299
Ion Ratio Lower Upper
128 100
129 32.5 9.7 14.5#
127 32.5 12.4 18.6#



#11
2-Methylnaphthalene-d10
Concen: 0.285 ng
RT: 11.986 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN037116.D
Acq: 28 May 2025 19:35

Tgt Ion:152 Resp: 1996
Ion Ratio Lower Upper
152 100
151 22.0 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: BN037116.D

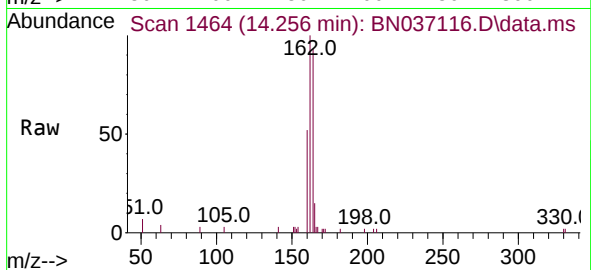
Acq: 28 May 2025 19:35

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-340-342



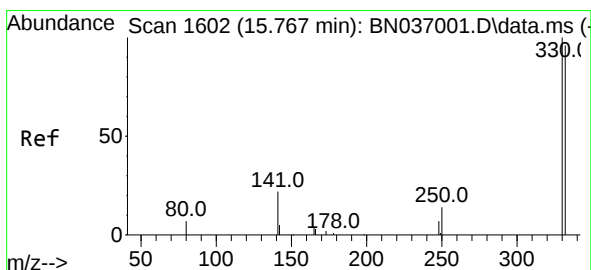
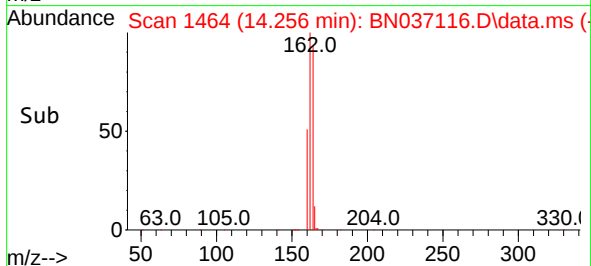
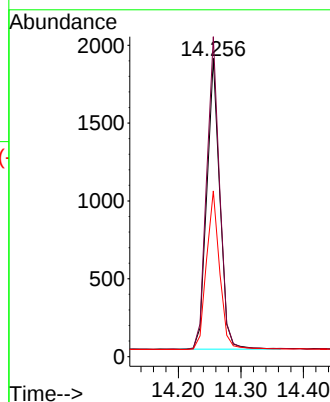
Tgt Ion:164 Resp: 2695

Ion Ratio Lower Upper

164 100

162 107.3 84.2 126.4

160 55.6 42.6 63.8



#14

2,4,6-Tribromophenol

Concen: 0.373 ng

RT: 15.755 min Scan# 1601

Delta R.T. -0.012 min

Lab File: BN037116.D

Acq: 28 May 2025 19:35

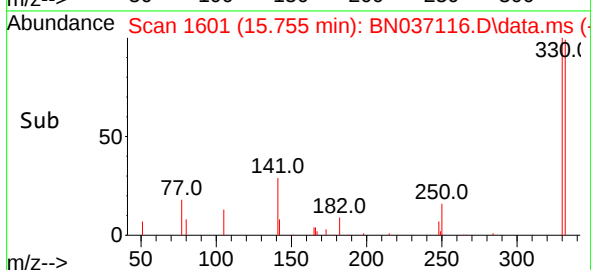
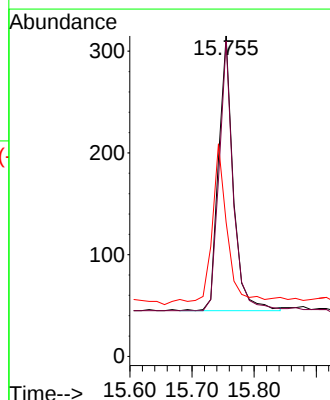
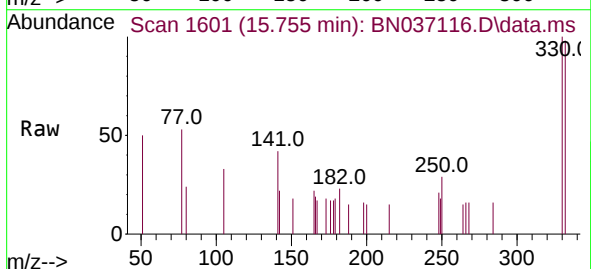
Tgt Ion:330 Resp: 442

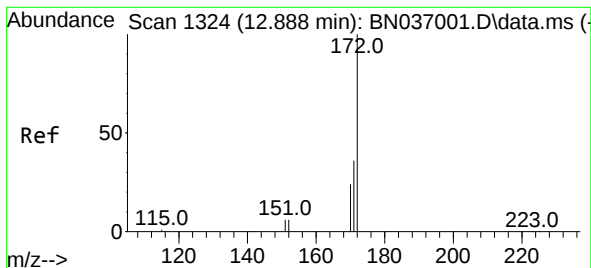
Ion Ratio Lower Upper

330 100

332 95.5 73.8 110.8

141 63.8 43.9 65.9





#15

2-Fluorobiphenyl

Concen: 0.398 ng

RT: 12.878 min Scan# 11

Delta R.T. -0.010 min

Lab File: BN037116.D

Acq: 28 May 2025 19:35

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-340-342

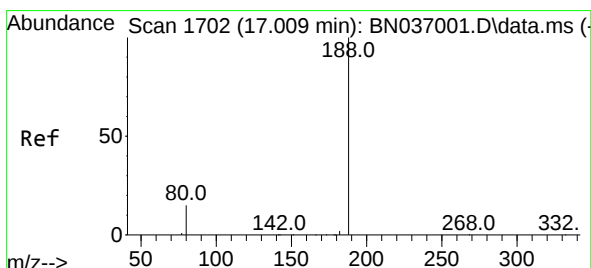
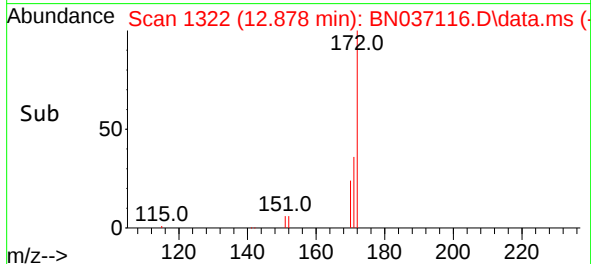
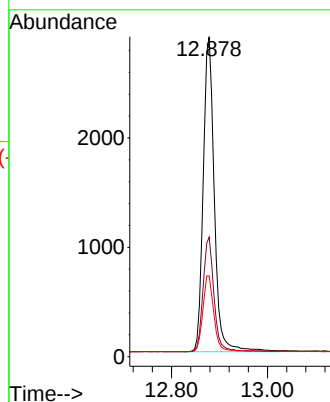
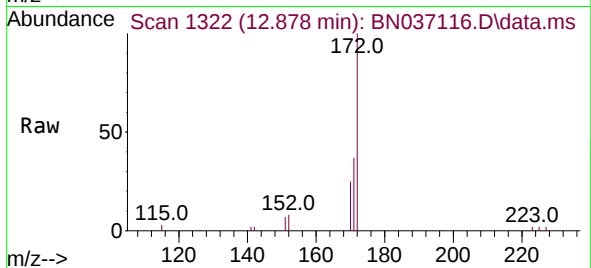
Tgt Ion:172 Resp: 4906

Ion Ratio Lower Upper

172 100

171 37.3 29.2 43.8

170 25.2 20.5 30.7



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.009 min Scan# 1702

Delta R.T. 0.000 min

Lab File: BN037116.D

Acq: 28 May 2025 19:35

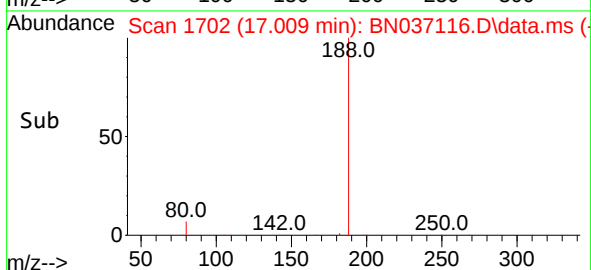
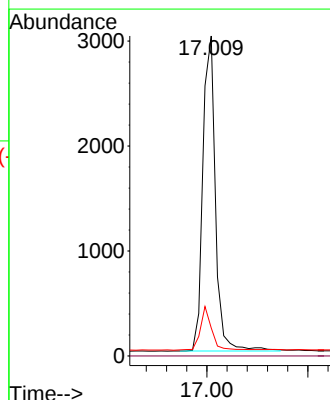
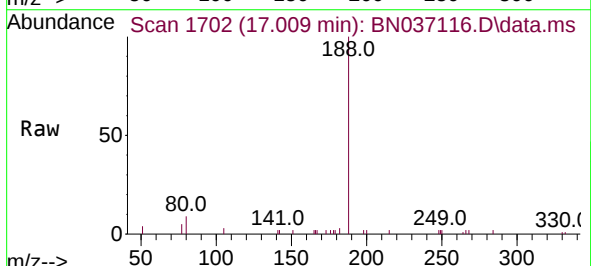
Tgt Ion:188 Resp: 5234

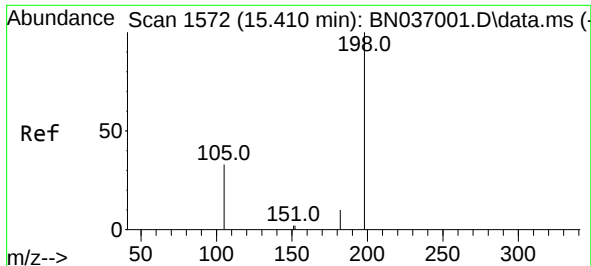
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.8 13.4 20.0#

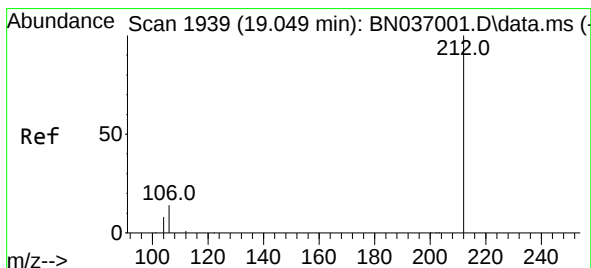
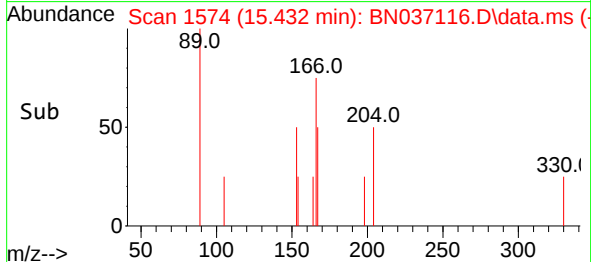
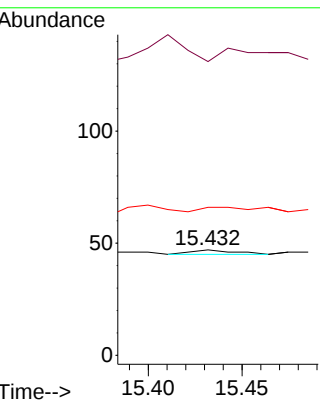
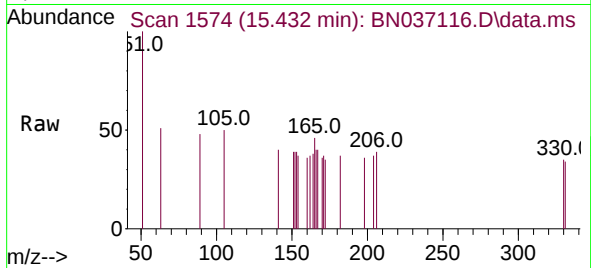




#20
4,6-Dinitro-2-methylphenol
Concen: 0.027 ng
RT: 15.432 min Scan# 11
Delta R.T. 0.022 min
Lab File: BN037116.D
Acq: 28 May 2025 19:35

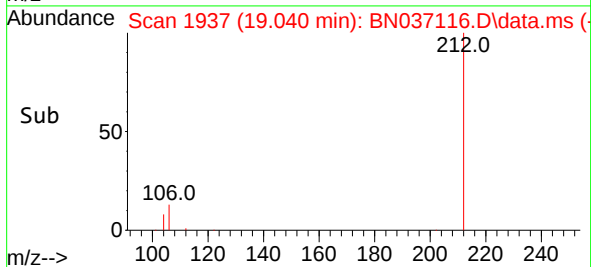
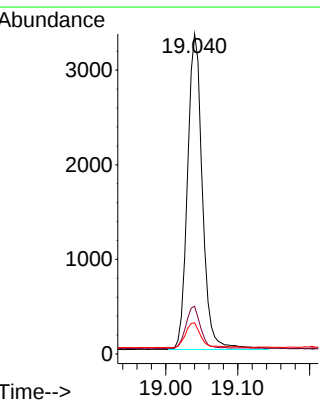
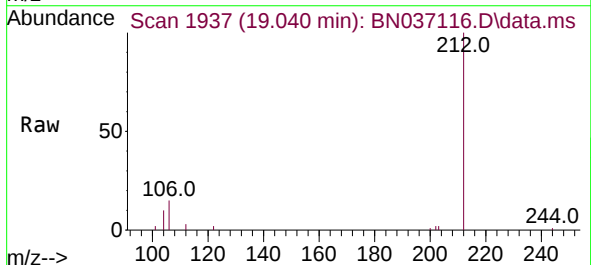
Instrument :
BNA_N
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BP-VPB-182-GW-340-342

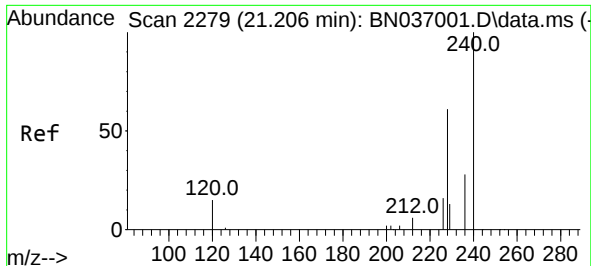
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 278.7 87.8 131.6#
105 140.4 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037116.D
Acq: 28 May 2025 19:35

Tgt Ion:212 Resp: 4806
Ion Ratio Lower Upper
212 100
106 13.2 11.3 16.9
104 8.1 6.7 10.1

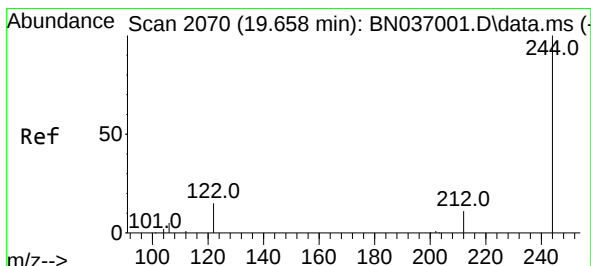
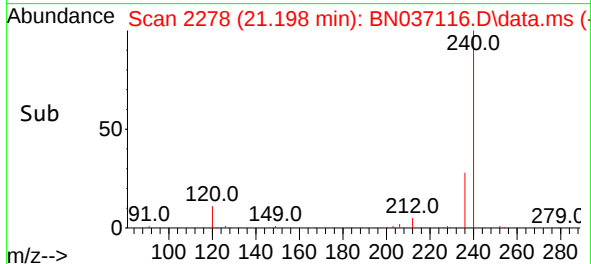
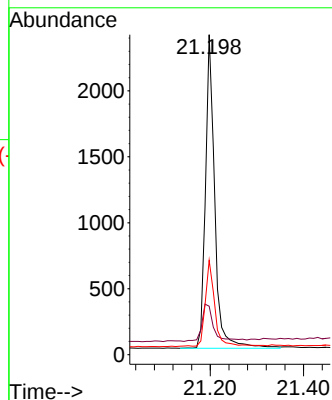
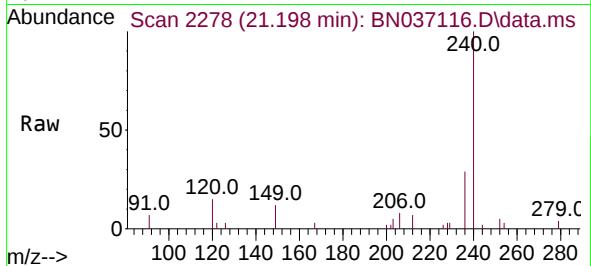




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037116.D
Acq: 28 May 2025 19:35

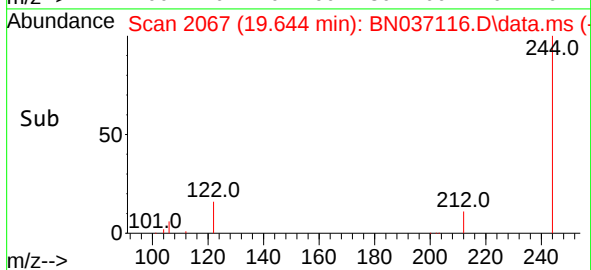
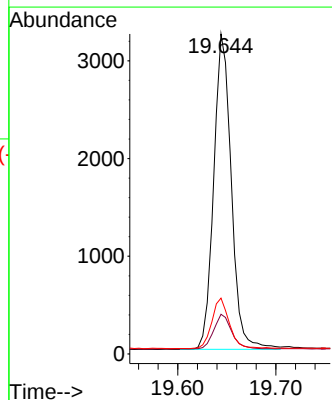
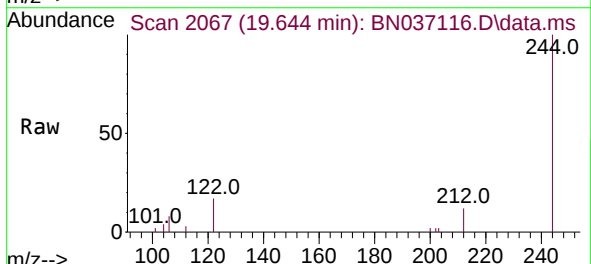
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-340-342

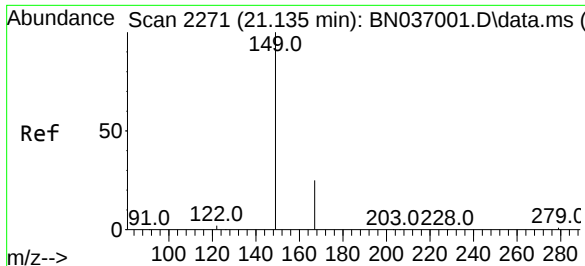
Tgt Ion:240 Resp: 3312
Ion Ratio Lower Upper
240 100
120 15.2 15.1 22.7
236 29.5 24.0 36.0



#31
Terphenyl-d14
Concen: 0.569 ng
RT: 19.644 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN037116.D
Acq: 28 May 2025 19:35

Tgt Ion:244 Resp: 4028
Ion Ratio Lower Upper
244 100
212 12.4 9.7 14.5
122 17.4 13.4 20.0

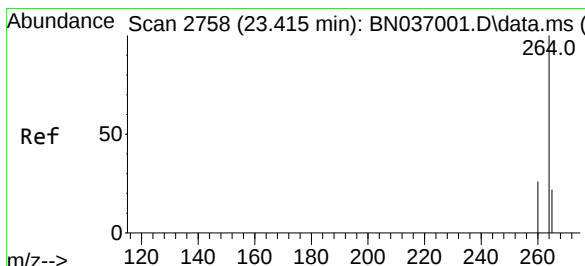
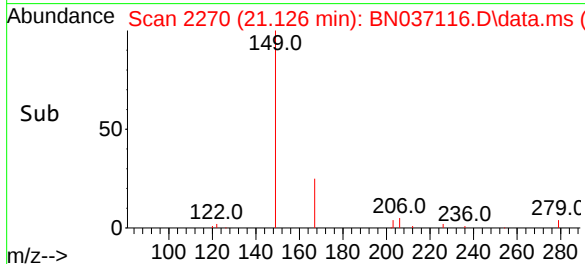
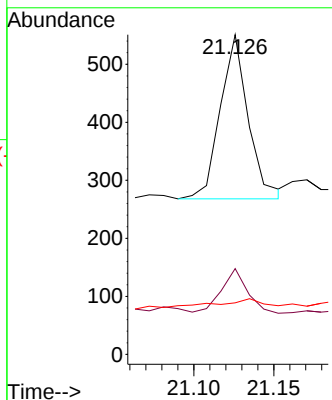
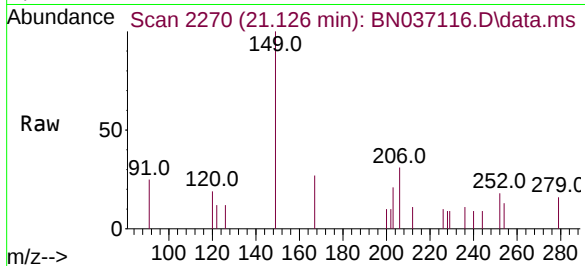




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.045 ng
RT: 21.126 min Scan# 2116
Delta R.T. -0.009 min
Lab File: BN037116.D
Acq: 28 May 2025 19:35

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-340-342

Tgt Ion:149 Resp: 344
Ion Ratio Lower Upper
149 100
167 24.1 20.6 30.8
279 7.8 2.6 3.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.398 min Scan# 2752
Delta R.T. -0.017 min
Lab File: BN037116.D
Acq: 28 May 2025 19:35

Tgt Ion:264 Resp: 2878
Ion Ratio Lower Upper
264 100
260 27.8 21.9 32.9
265 77.8 51.6 77.4#

