

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
 Data File : BN037160.D
 Acq On : 03 Jun 2025 23:13
 Operator : RC/JU
 Sample : Q2162-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-DUP-20250528

Quant Time: Jun 04 12:38:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

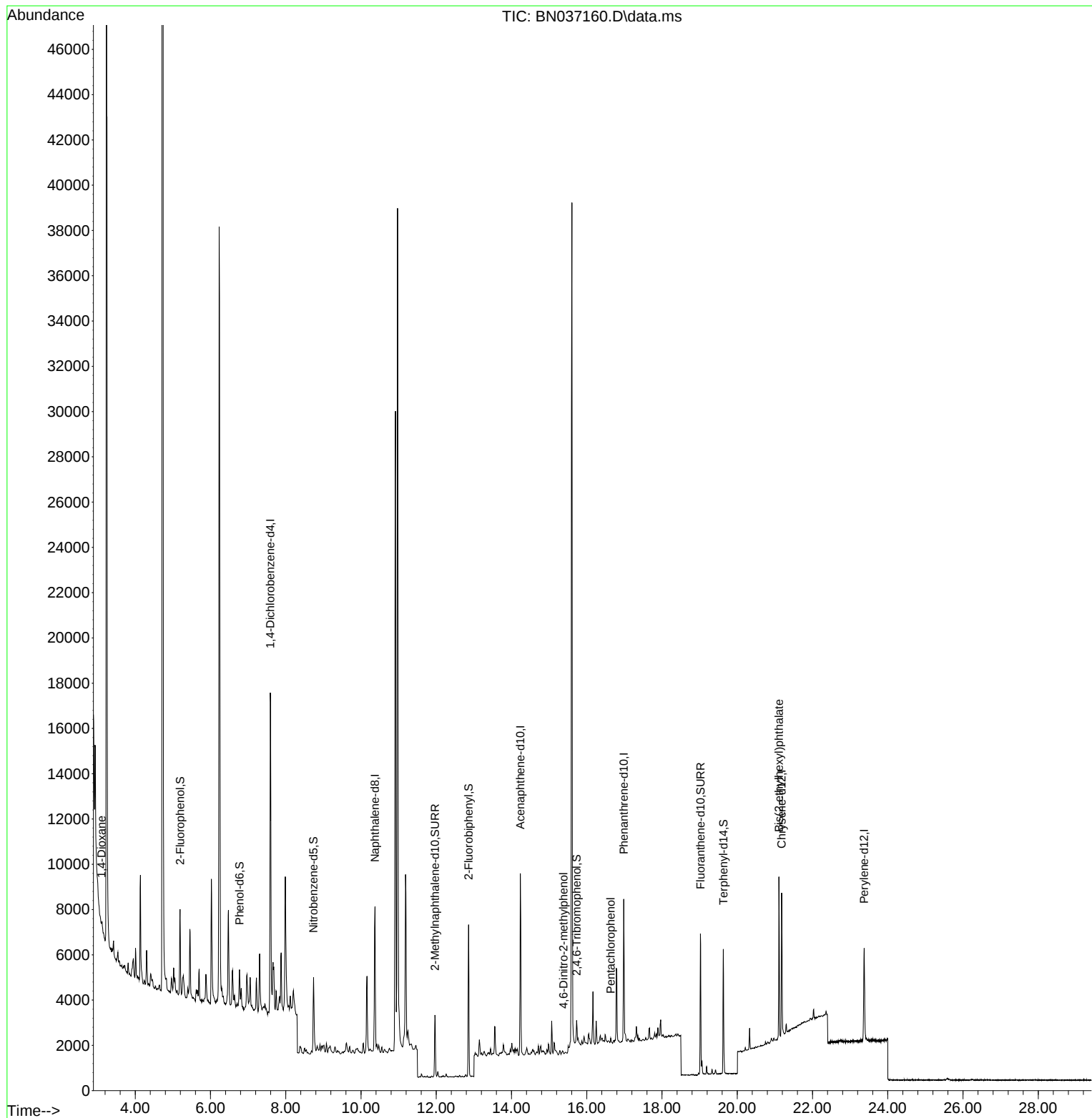
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	3155	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	8035	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	4210	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	7656	0.400	ng	0.00
29) Chrysene-d12	21.180	240	5729	0.400	ng	# 0.00
35) Perylene-d12	23.371	264	5434	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1779	0.228	ng	0.00
5) Phenol-d6	6.773	99	1390	0.147	ng	0.00
8) Nitrobenzene-d5	8.739	82	2723	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	3528	0.315	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	531	0.313	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	5723	0.319	ng	0.00
27) Fluoranthene-d10	19.022	212	6617	0.340	ng	0.00
31) Terphenyl-d14	19.630	244	4888	0.362	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	119	0.028	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.378	198	8	0.278	ng	# 1
24) Pentachlorophenol	16.636	266	29	0.224	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.108	149	6315	0.483	ng	99

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

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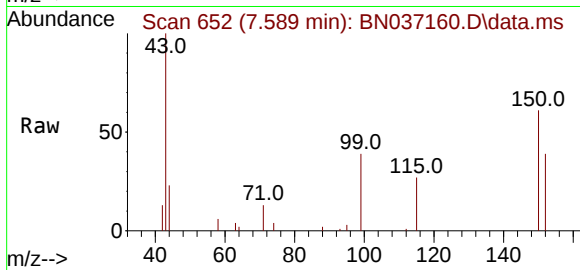
Quant Time: Jun 04 12:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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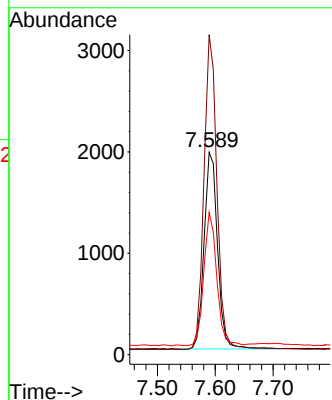
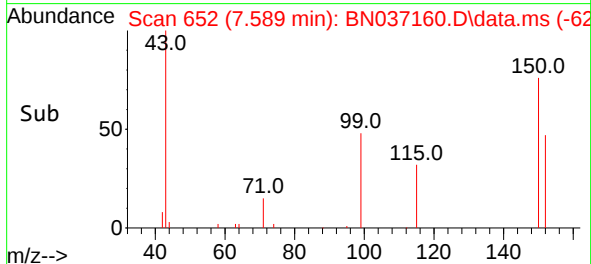


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037160.D
 Acq: 03 Jun 2025 23:13

Instrument :
 BNA_N
 ClientSampleId :
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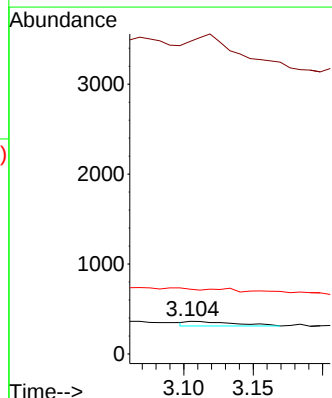
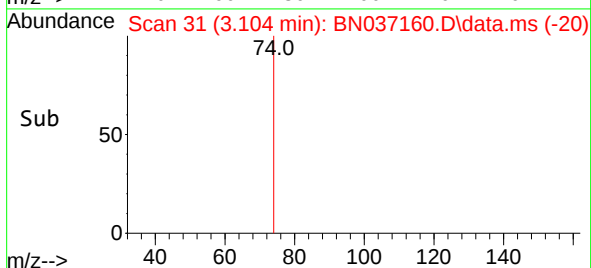
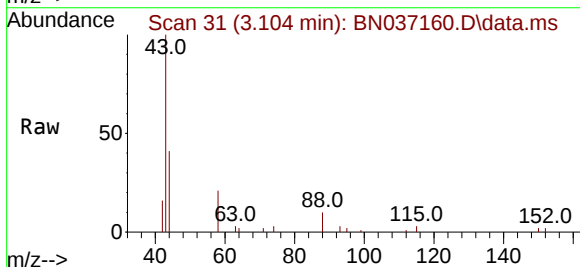


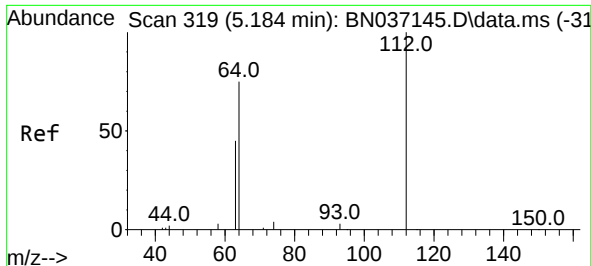
Tgt Ion:152 Resp: 3155
 Ion Ratio Lower Upper
 152 100
 150 158.2 123.2 184.8
 115 70.3 56.6 85.0



#2
 1,4-Dioxane
 Concen: 0.028 ng
 RT: 3.104 min Scan# 31
 Delta R.T. -0.022 min
 Lab File: BN037160.D
 Acq: 03 Jun 2025 23:13

Tgt Ion: 88 Resp: 119
 Ion Ratio Lower Upper
 88 100
 43 916.0 43.5 65.3#
 58 0.0 67.7 101.5#





#4

2-Fluorophenol

Concen: 0.228 ng

RT: 5.192 min Scan# 319

Delta R.T. 0.007 min

Lab File: BN037160.D

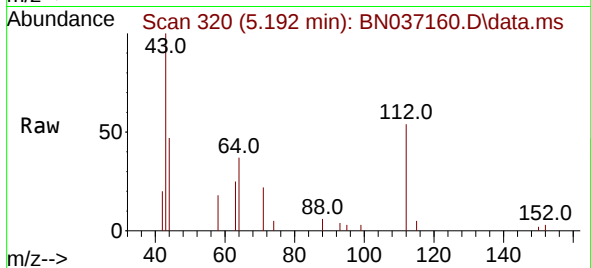
Acq: 03 Jun 2025 23:13

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-DUP-20250528



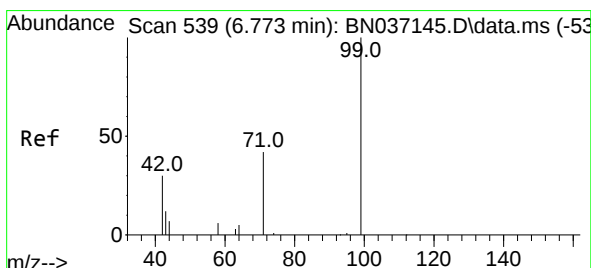
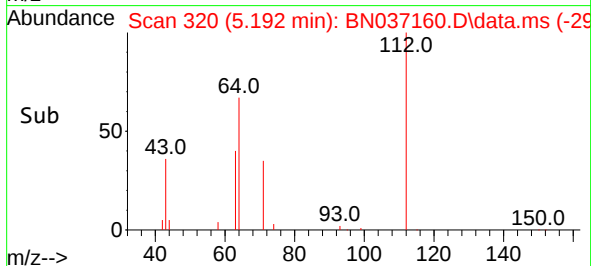
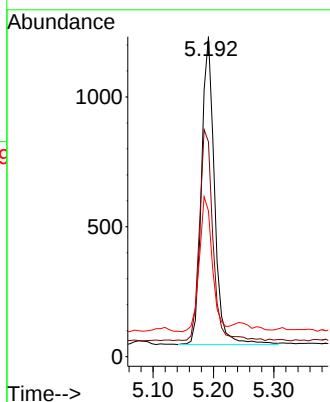
Tgt Ion:112 Resp: 1779

Ion Ratio Lower Upper

112 100

64 70.4 56.3 84.5

63 44.1 36.2 54.4



#5

Phenol-d6

Concen: 0.147 ng

RT: 6.773 min Scan# 539

Delta R.T. -0.000 min

Lab File: BN037160.D

Acq: 03 Jun 2025 23:13

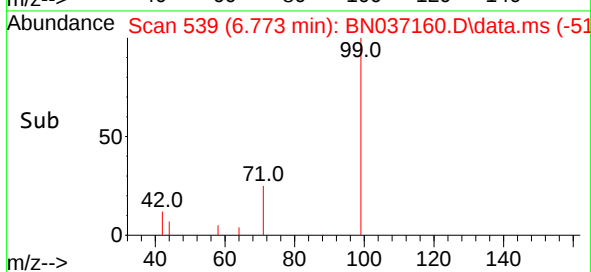
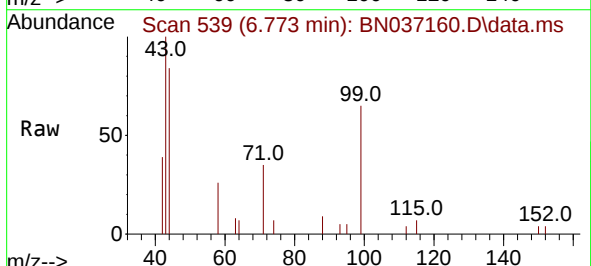
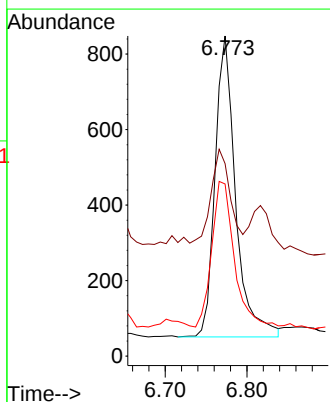
Tgt Ion: 99 Resp: 1390

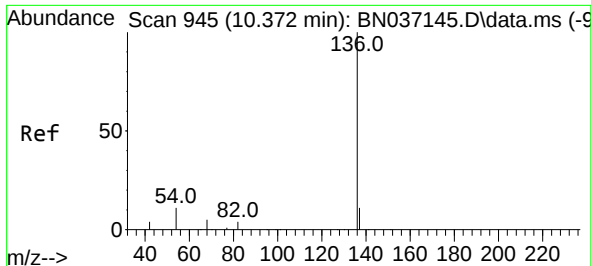
Ion Ratio Lower Upper

99 100

42 33.9 31.3 46.9

71 53.3 38.2 57.2

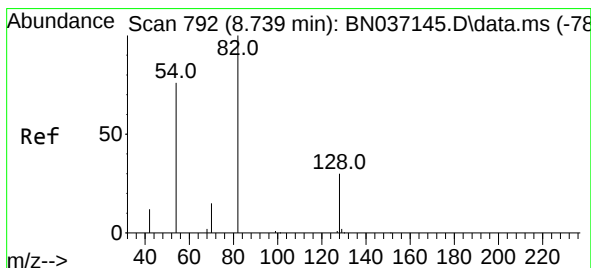
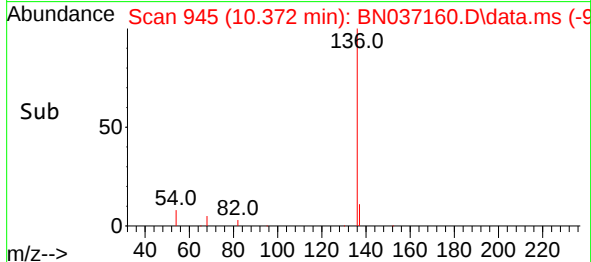
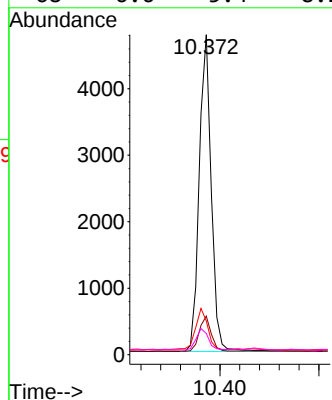
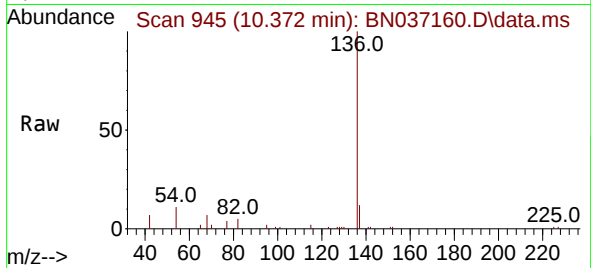




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037160.D
Acq: 03 Jun 2025 23:13

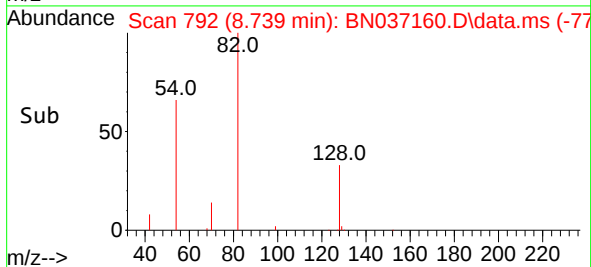
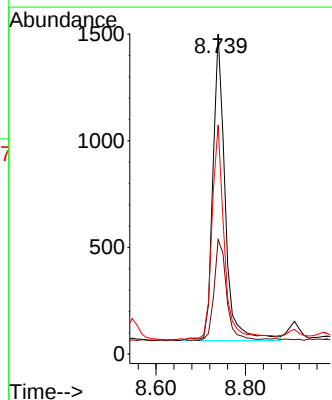
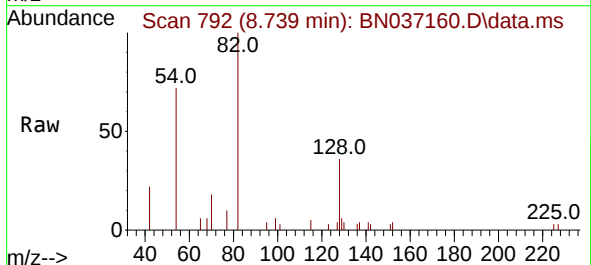
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-DUP-20250528

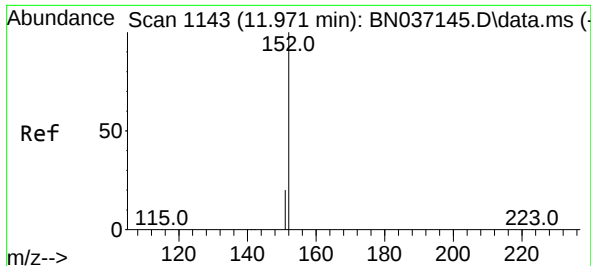
Tgt Ion:	136	Resp:	8035
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	10.6	9.7	14.5
68	6.6	5.4	8.2



#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037160.D
Acq: 03 Jun 2025 23:13

Tgt Ion:	82	Resp:	2723
Ion	Ratio	Lower	Upper
82	100		
128	35.8	26.9	40.3
54	71.6	61.4	92.2

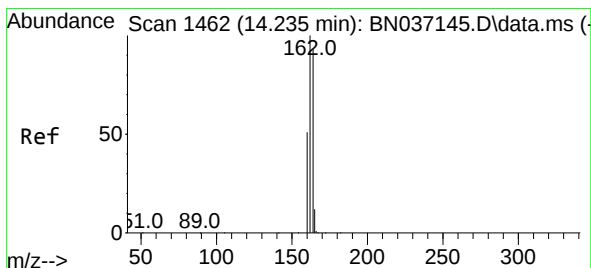
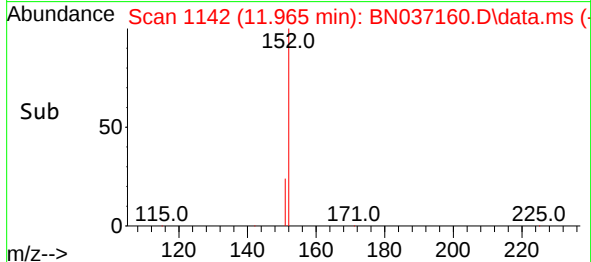
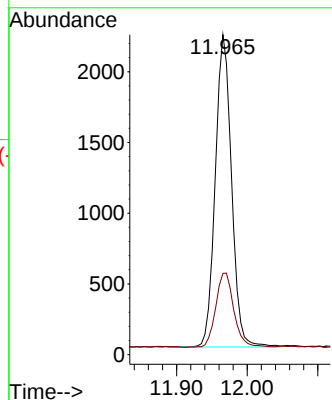
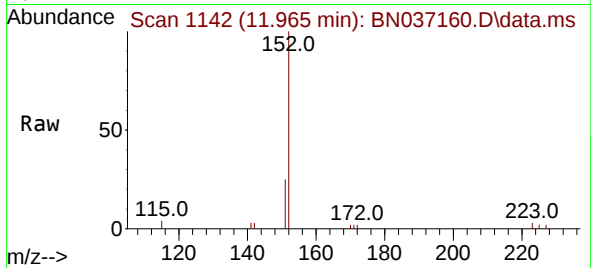




#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 11.965 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037160.D
Acq: 03 Jun 2025 23:13

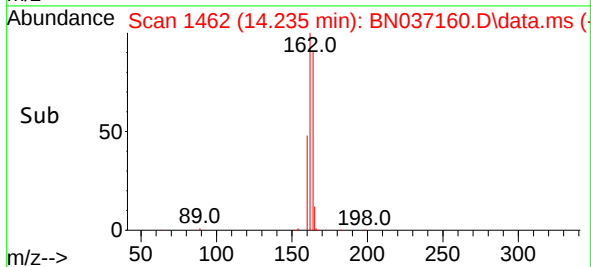
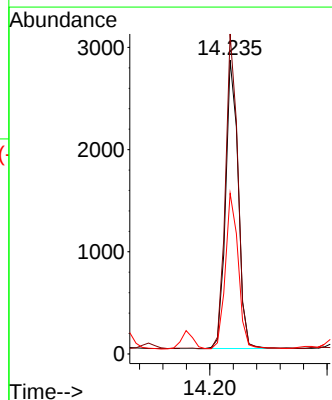
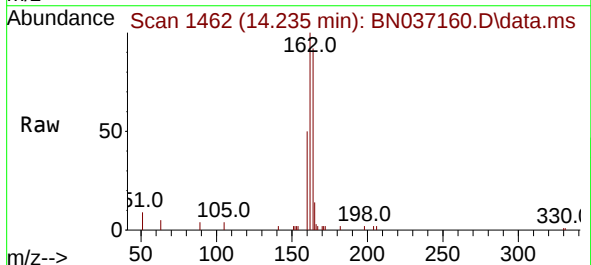
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-DUP-20250528

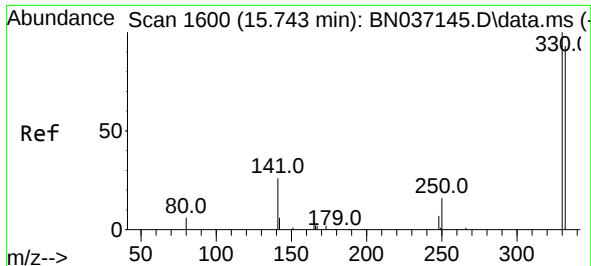
Tgt Ion:152 Resp: 3528
Ion Ratio Lower Upper
152 100
151 26.6 17.1 25.7#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037160.D
Acq: 03 Jun 2025 23:13

Tgt Ion:164 Resp: 4210
Ion Ratio Lower Upper
164 100
162 108.9 85.5 128.3
160 54.7 44.6 67.0

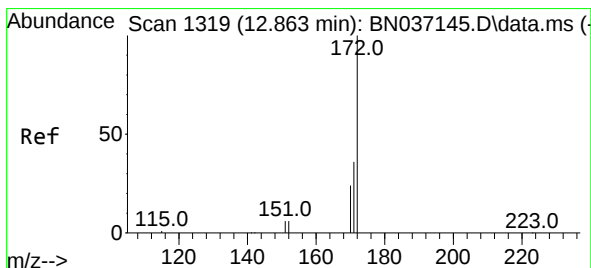
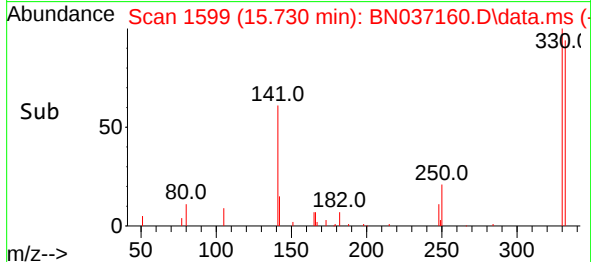
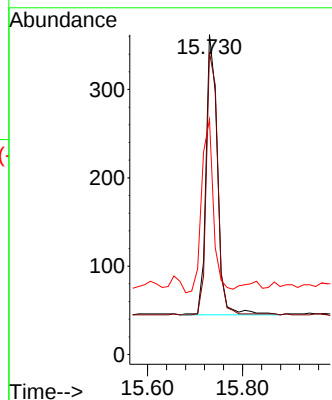
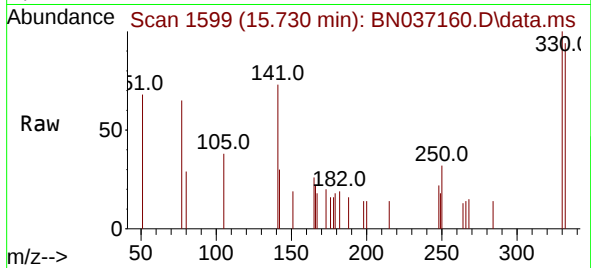




#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.013 min
Lab File: BN037160.D
Acq: 03 Jun 2025 23:13

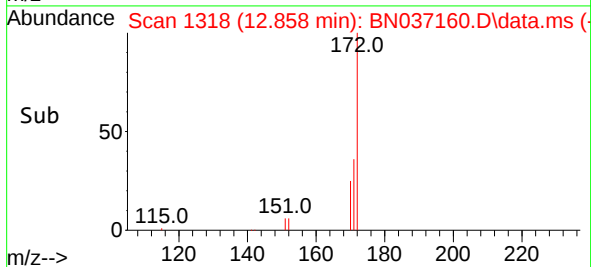
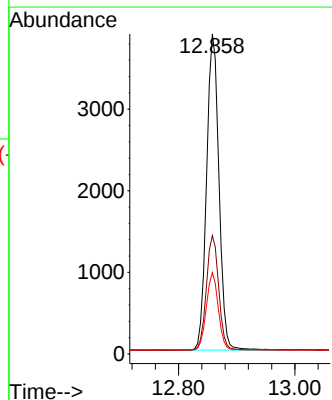
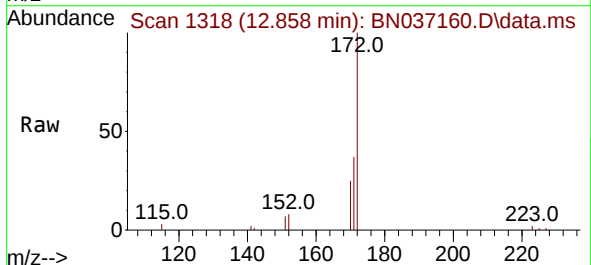
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BP-VPB-182-DUP-20250528

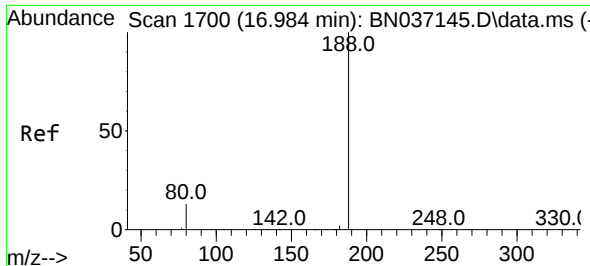
Tgt Ion:330 Resp: 531
Ion Ratio Lower Upper
330 100
332 93.6 77.1 115.7
141 64.4 46.4 69.6



#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037160.D
Acq: 03 Jun 2025 23:13

Tgt Ion:172 Resp: 5723
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 25.4 20.3 30.5

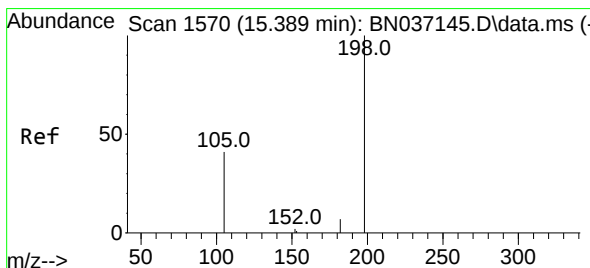
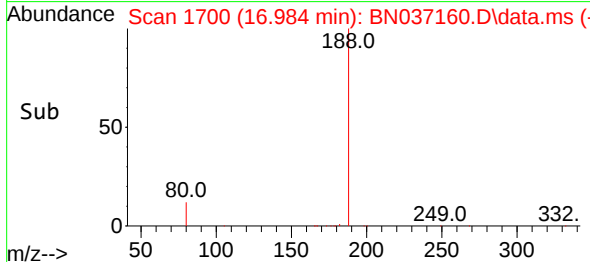
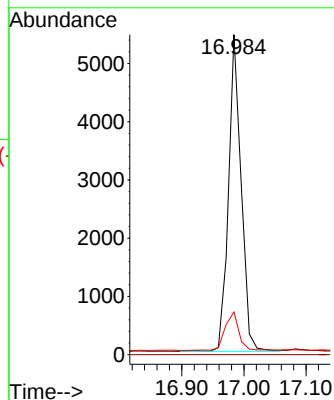
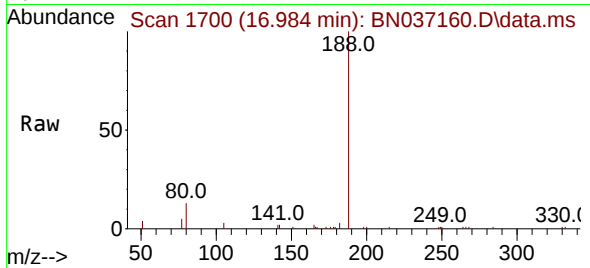




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037160.D
Acq: 03 Jun 2025 23:13

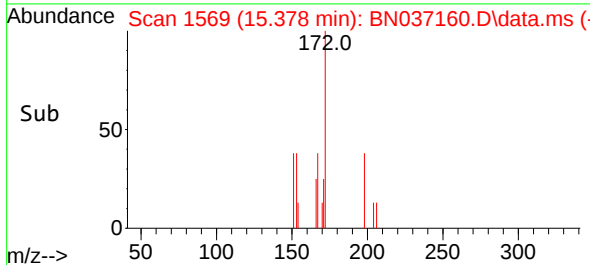
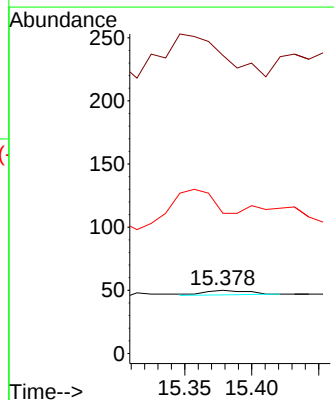
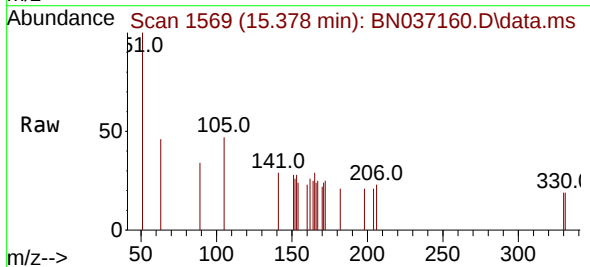
Instrument :
BNA_N
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BP-VPB-182-DUP-20250528

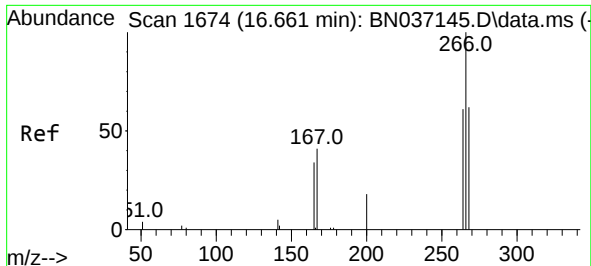
Tgt Ion:188 Resp: 7656
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 11.3 16.9



#20
4,6-Dinitro-2-methylphenol
Concen: 0.278 ng
RT: 15.378 min Scan# 1569
Delta R.T. -0.011 min
Lab File: BN037160.D
Acq: 03 Jun 2025 23:13

Tgt Ion:198 Resp: 8
Ion Ratio Lower Upper
198 100
51 472.0 125.2 187.8#
105 222.0 57.1 85.7#

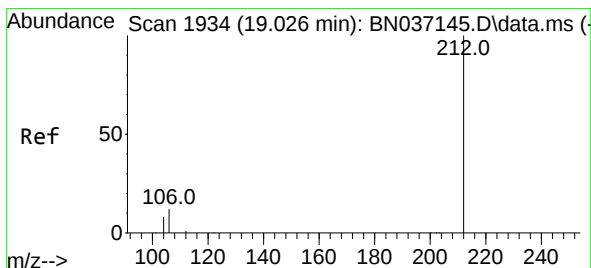
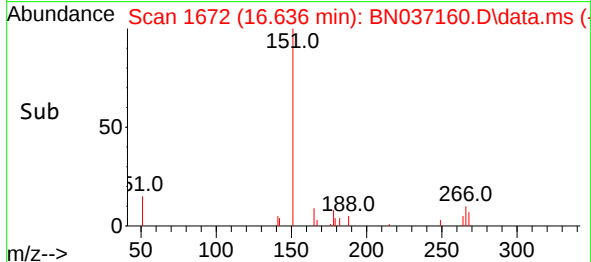
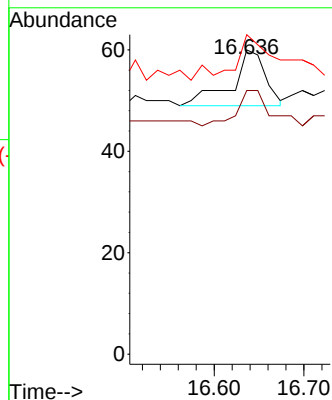
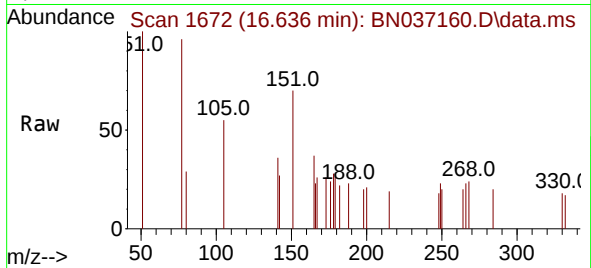




#24
 Pentachlorophenol
 Concen: 0.224 ng
 RT: 16.636 min Scan# 1672
 Delta R.T. -0.025 min
 Lab File: BN037160.D
 Acq: 03 Jun 2025 23:13

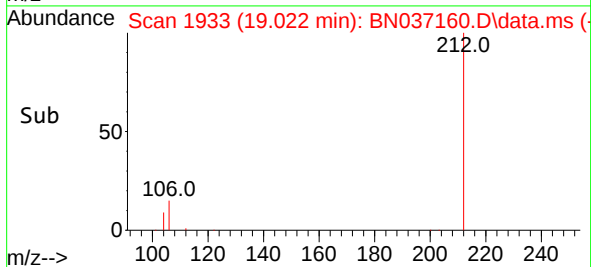
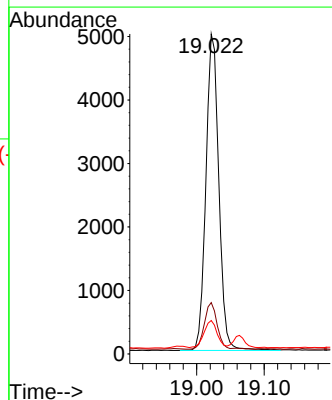
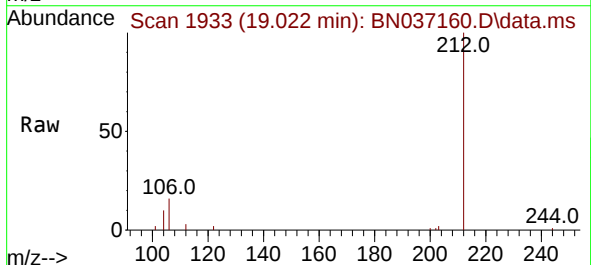
Instrument :
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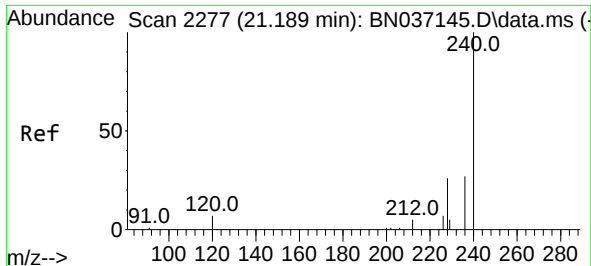
Tgt Ion:266 Resp: 29
 Ion Ratio Lower Upper
 266 100
 264 62.1 49.3 73.9
 268 93.1 49.0 73.4#



#27
 Fluoranthene-d10
 Concen: 0.340 ng
 RT: 19.022 min Scan# 1933
 Delta R.T. -0.005 min
 Lab File: BN037160.D
 Acq: 03 Jun 2025 23:13

Tgt Ion:212 Resp: 6617
 Ion Ratio Lower Upper
 212 100
 106 14.9 10.6 15.8
 104 8.9 6.6 9.8

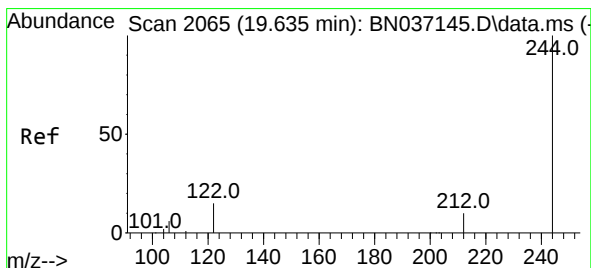
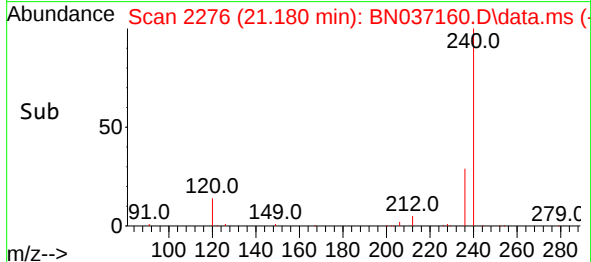
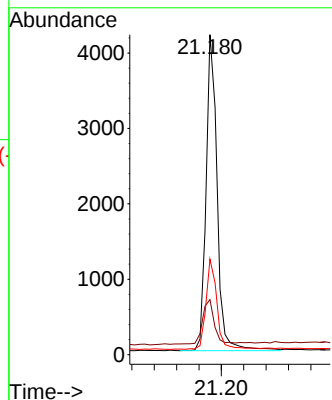
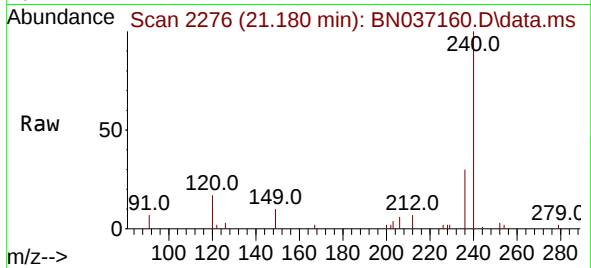




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2118
Delta R.T. -0.009 min
Lab File: BN037160.D
Acq: 03 Jun 2025 23:13

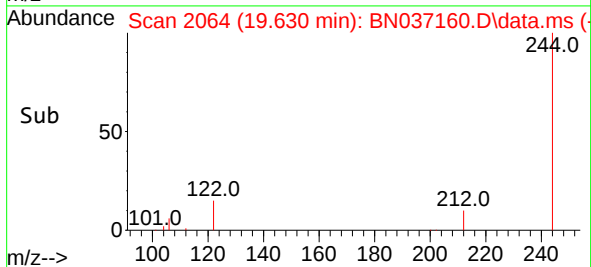
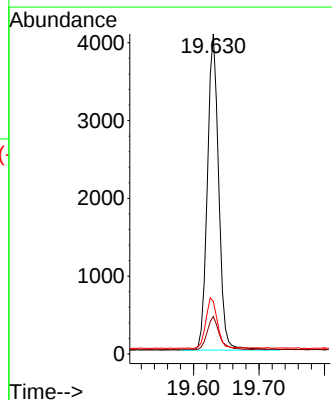
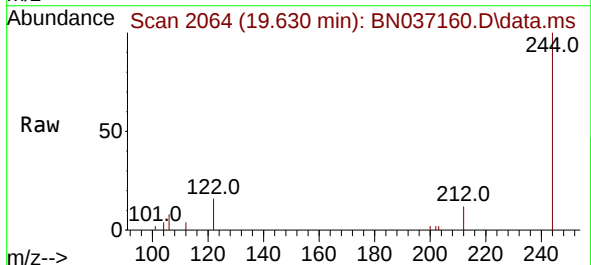
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-DUP-20250528

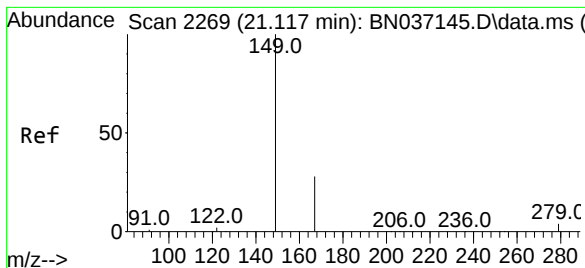
Tgt Ion:240 Resp: 5729
Ion Ratio Lower Upper
240 100
120 17.2 9.0 13.4#
236 29.8 23.0 34.4



#31
Terphenyl-d14
Concen: 0.362 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037160.D
Acq: 03 Jun 2025 23:13

Tgt Ion:244 Resp: 4888
Ion Ratio Lower Upper
244 100
212 11.7 10.0 15.0
122 16.5 13.2 19.8

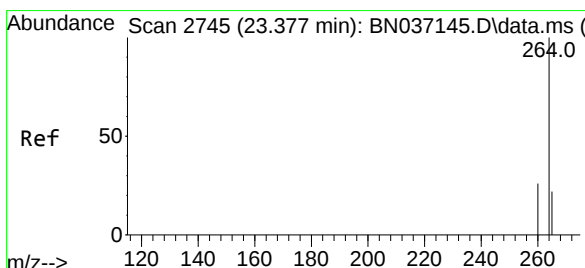
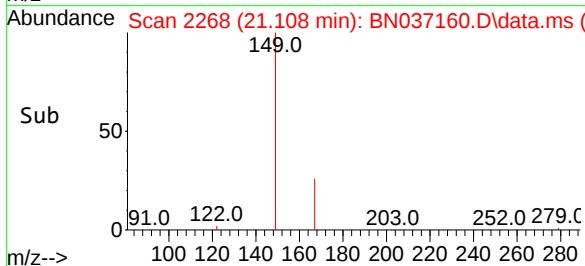
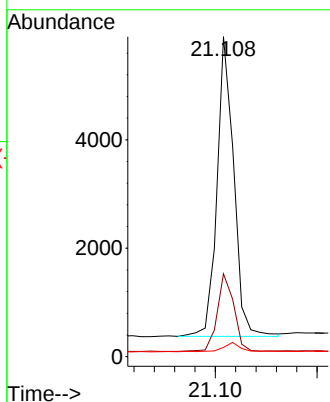
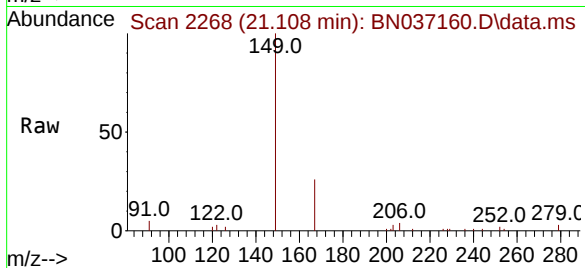




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.483 ng
 RT: 21.108 min Scan# 2110
 Delta R.T. -0.009 min
 Lab File: BN037160.D
 Acq: 03 Jun 2025 23:13

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-DUP-20250528

Tgt Ion:149 Resp: 6315
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.0 31.4
 279 3.2 2.9 4.3



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.371 min Scan# 2743
 Delta R.T. -0.006 min
 Lab File: BN037160.D
 Acq: 03 Jun 2025 23:13

Tgt Ion:264 Resp: 5434
 Ion Ratio Lower Upper
 264 100
 260 27.2 22.1 33.1
 265 62.8 55.8 83.8

