

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
 Data File : BN037161.D
 Acq On : 03 Jun 2025 23:49
 Operator : RC/JU
 Sample : Q2162-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250529

Quant Time: Jun 04 02:18:30 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)

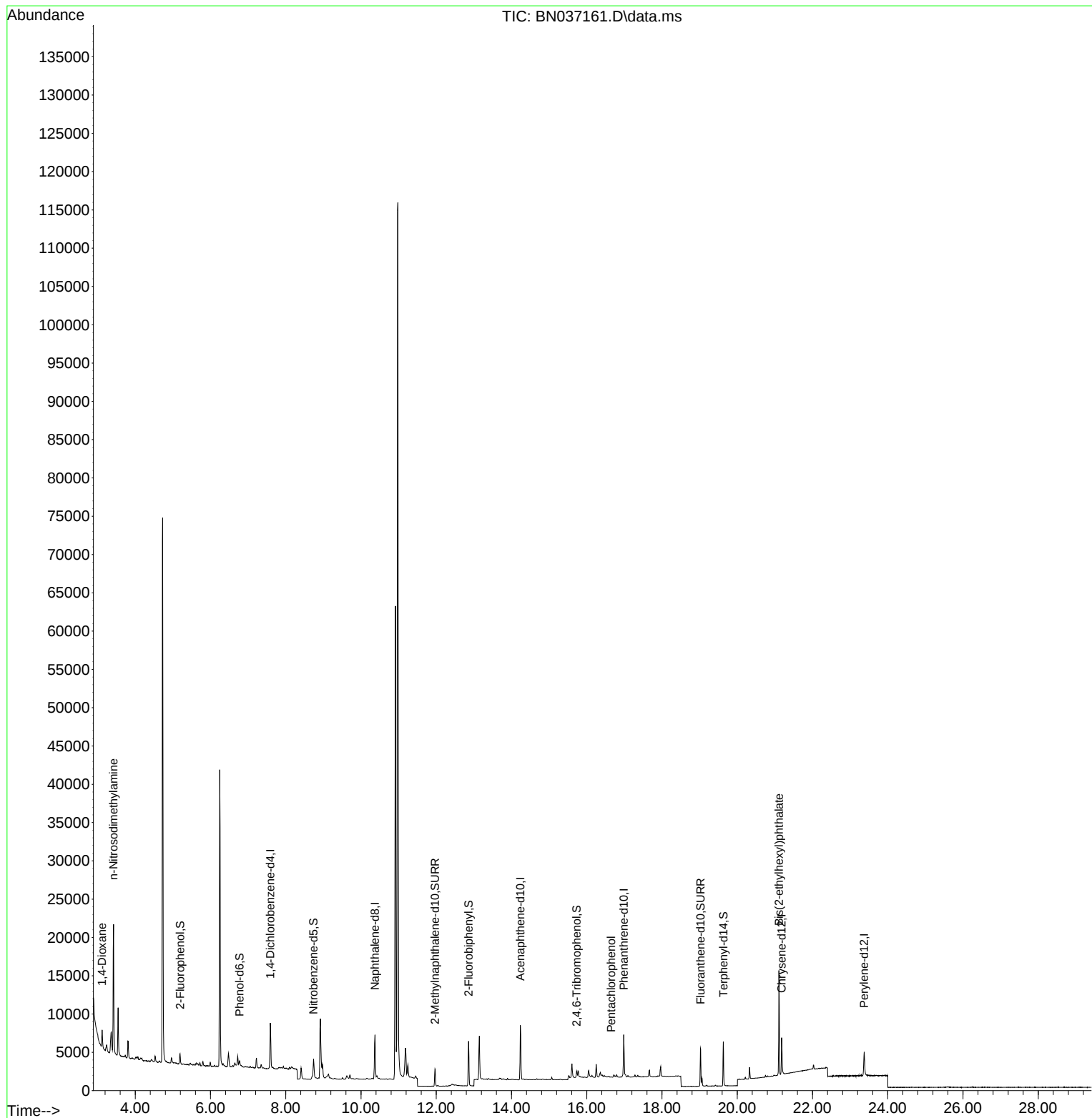
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2849	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	7378	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	3984	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	6891	0.400	ng	0.00
29) Chrysene-d12	21.180	240	4650	0.400	ng	# 0.00
35) Perylene-d12	23.371	264	4307	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	960	0.136	ng	0.00
5) Phenol-d6	6.773	99	682	0.080	ng	0.00
8) Nitrobenzene-d5	8.739	82	2244	0.288	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	3046	0.297	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	439	0.274	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	5073	0.299	ng	0.00
27) Fluoranthene-d10	19.026	212	5567	0.318	ng	0.00
31) Terphenyl-d14	19.630	244	5328	0.487	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.119	88	974	0.256	ng	# 34
3) n-Nitrosodimethylamine	3.422	42	1806	0.237	ng	# 20
24) Pentachlorophenol	16.649	266	17	0.221	ng	# 53
34) Bis(2-ethylhexyl)phtha...	21.108	149	12234	1.152	ng	# 99

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

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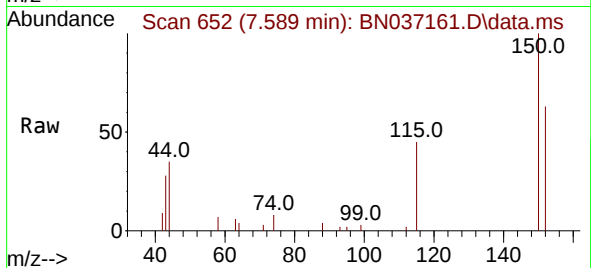
Quant Time: Jun 04 02:18:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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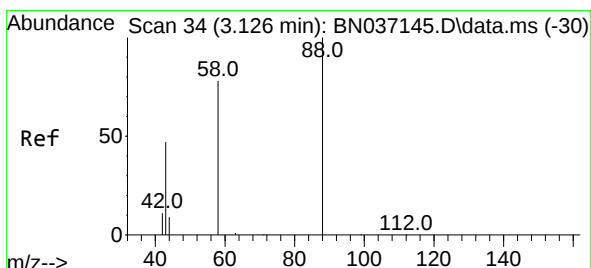
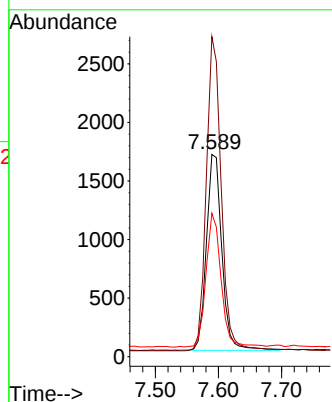
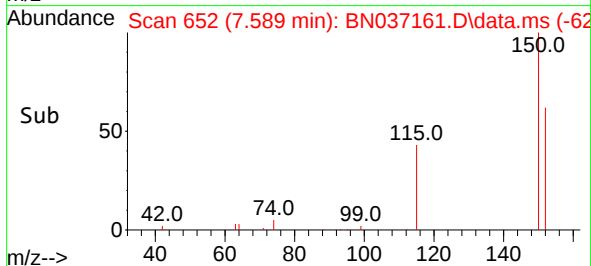


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN037161.D
 Acq: 03 Jun 2025 23:49

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250529

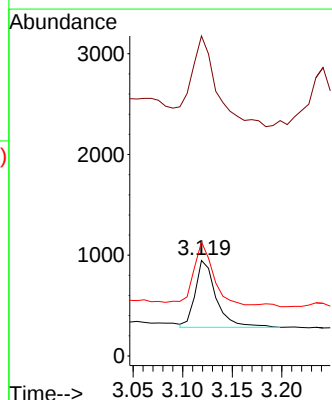
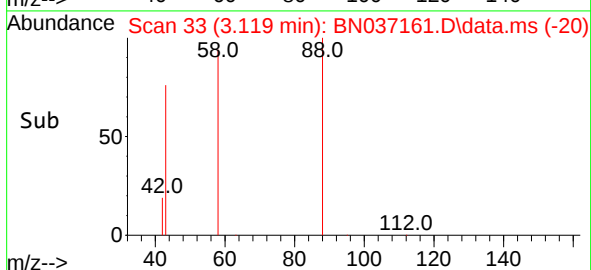
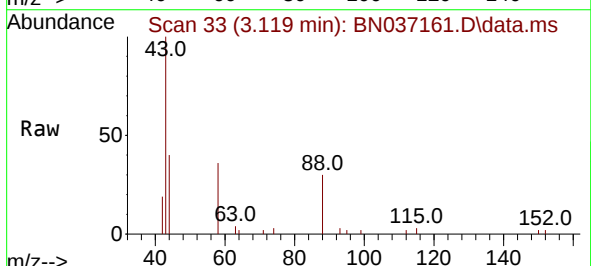


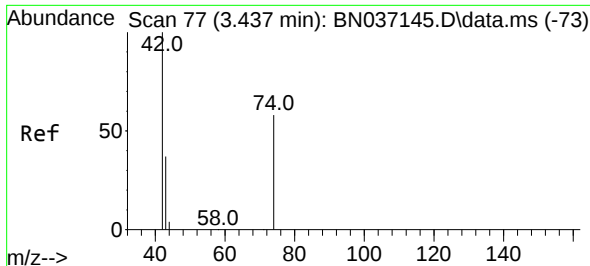
Tgt Ion:152 Resp: 2849
 Ion Ratio Lower Upper
 152 100
 150 158.2 123.2 184.8
 115 70.9 56.6 85.0



#2
 1,4-Dioxane
 Concen: 0.256 ng
 RT: 3.119 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN037161.D
 Acq: 03 Jun 2025 23:49

Tgt Ion: 88 Resp: 974
 Ion Ratio Lower Upper
 88 100
 43 169.6 43.5 65.3#
 58 89.4 67.7 101.5

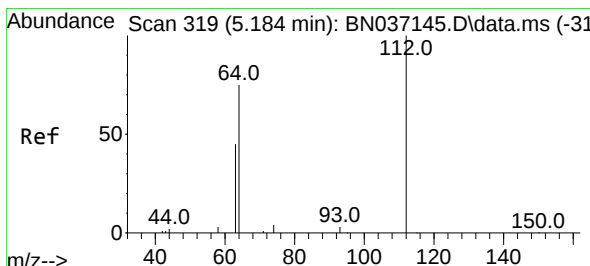
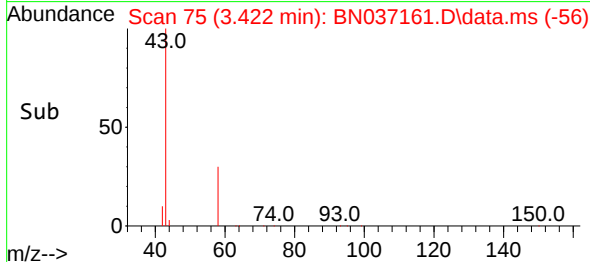
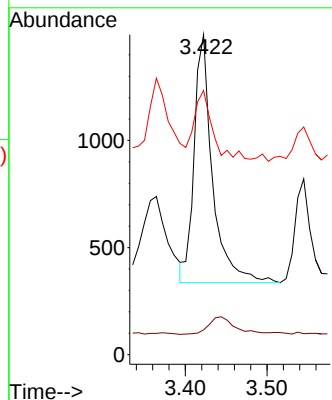
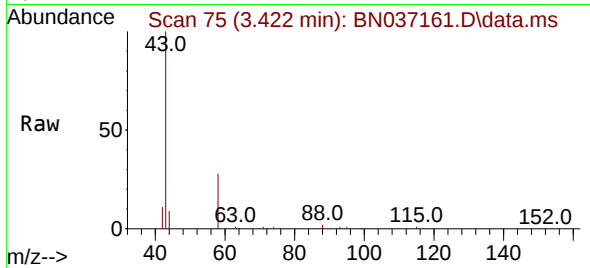




#3
n-Nitrosodimethylamine
Concen: 0.237 ng
RT: 3.422 min Scan# 71
Delta R.T. -0.015 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

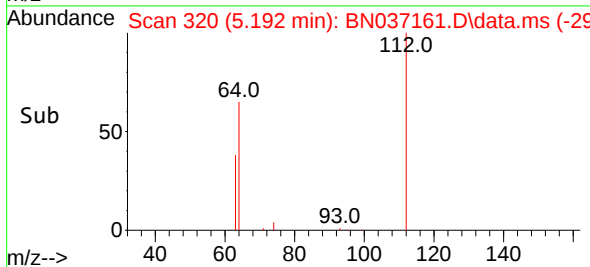
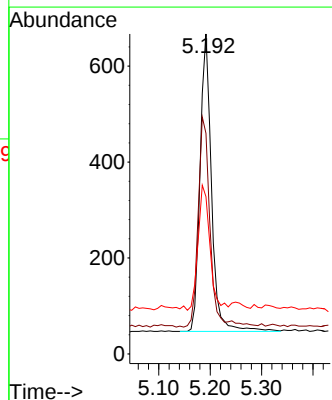
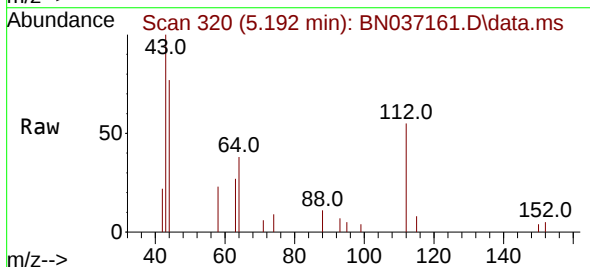
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion: 42 Resp: 1806
Ion Ratio Lower Upper
42 100
74 0.0 53.0 79.4#
44 26.6 5.9 8.9#



#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.192 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

Tgt Ion: 112 Resp: 960
Ion Ratio Lower Upper
112 100
64 73.1 56.3 84.5
63 43.4 36.2 54.4

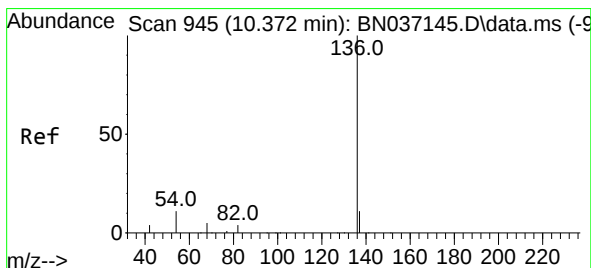
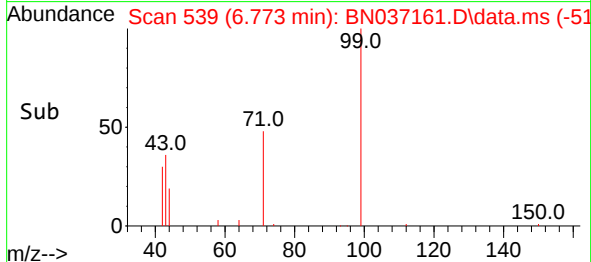
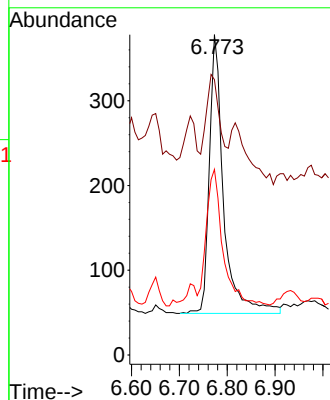
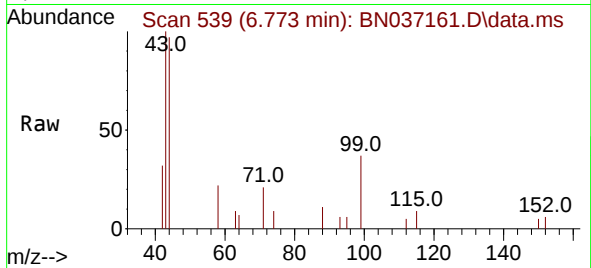




#5
Phenol-d6
Concen: 0.080 ng
RT: 6.773 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

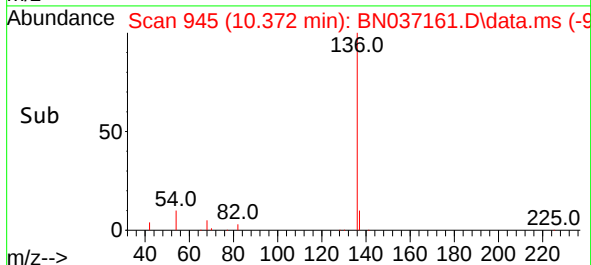
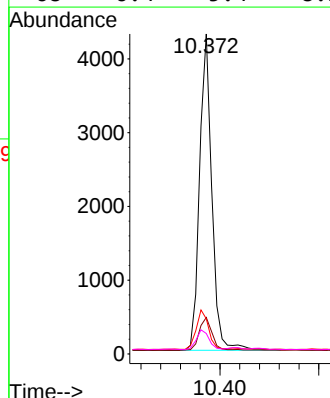
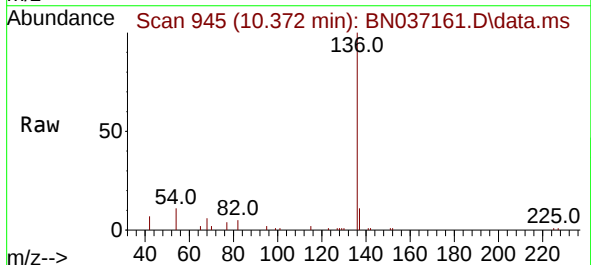
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250529

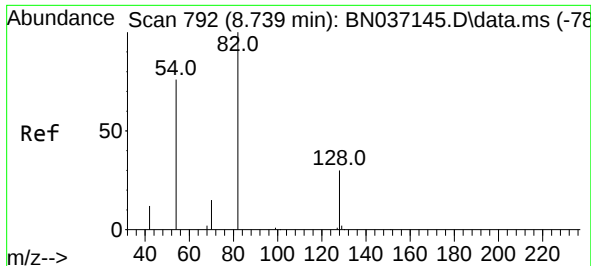
Tgt Ion: 99 Resp: 682
Ion Ratio Lower Upper
99 100
42 27.1 31.3 46.9#
71 55.7 38.2 57.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

Tgt Ion: 136 Resp: 7378
Ion Ratio Lower Upper
136 100
137 11.4 9.7 14.5
54 11.0 9.7 14.5
68 6.4 5.4 8.2

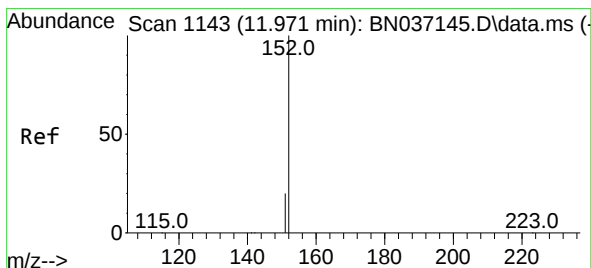
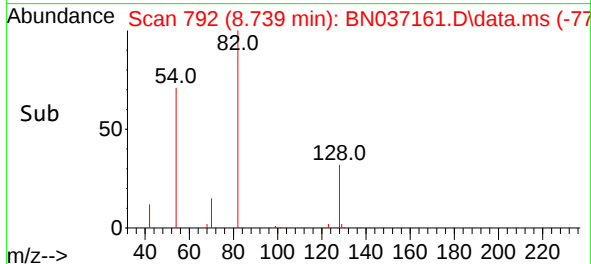
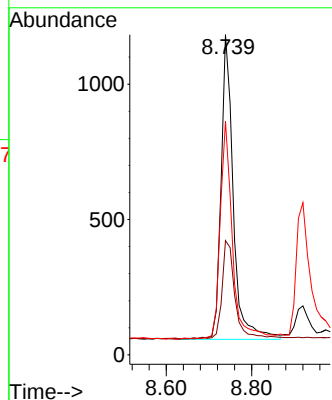
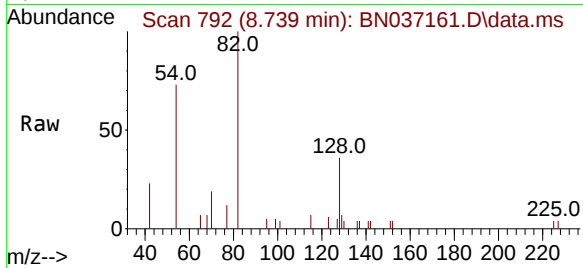




#8
 Nitrobenzene-d5
 Concen: 0.288 ng
 RT: 8.739 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BN037161.D
 Acq: 03 Jun 2025 23:49

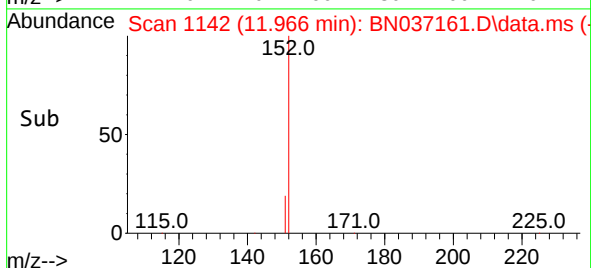
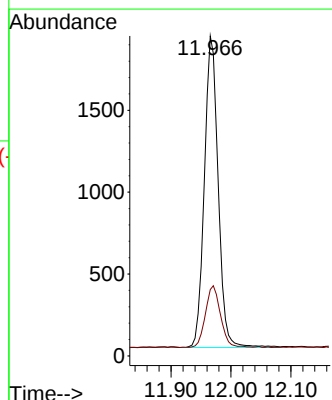
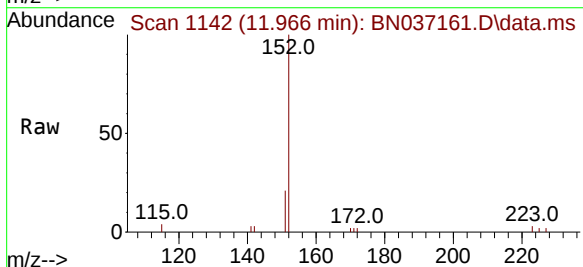
Instrument :
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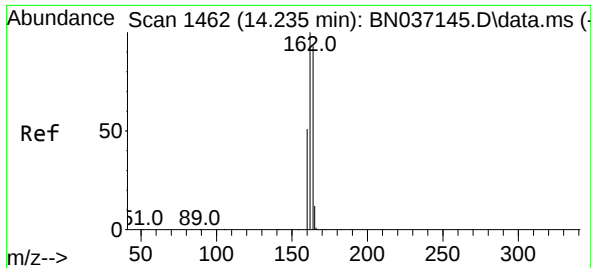
Tgt Ion: 82 Resp: 2244
 Ion Ratio Lower Upper
 82 100
 128 35.7 26.9 40.3
 54 73.0 61.4 92.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.297 ng
 RT: 11.966 min Scan# 1142
 Delta R.T. -0.005 min
 Lab File: BN037161.D
 Acq: 03 Jun 2025 23:49

Tgt Ion: 152 Resp: 3046
 Ion Ratio Lower Upper
 152 100
 151 21.5 17.1 25.7

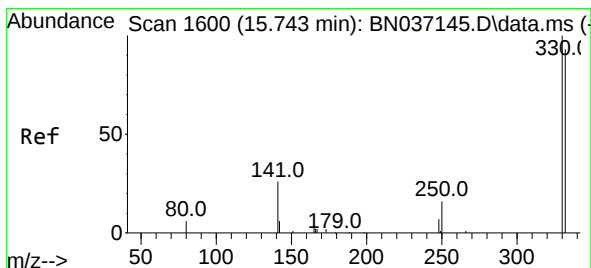
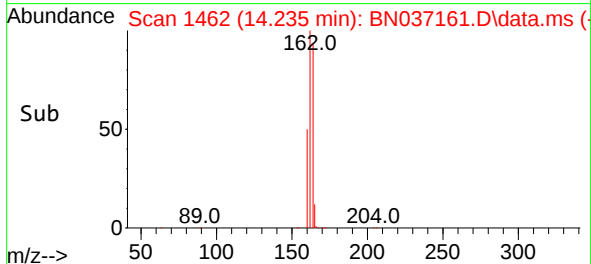
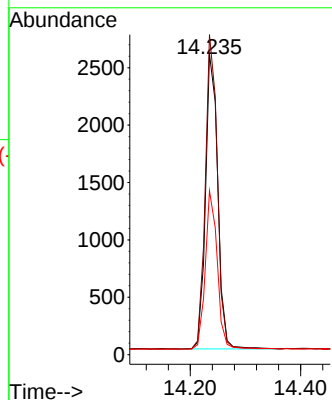
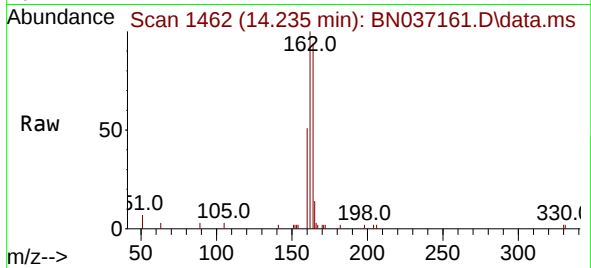




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

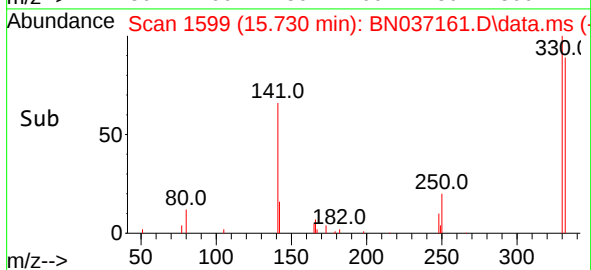
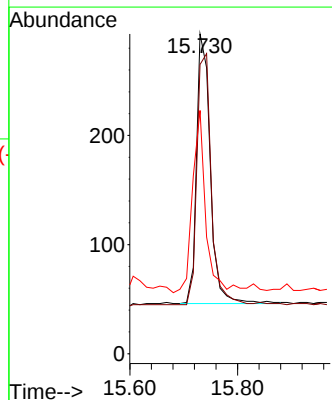
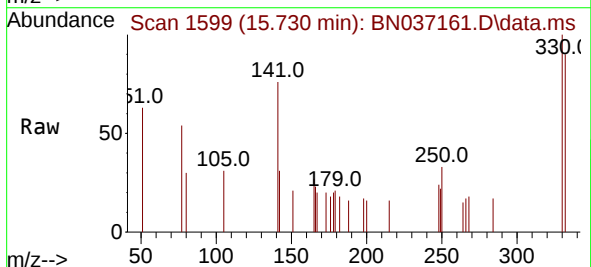
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ClientSampleId :
BP-VPB-182-EB-20250529

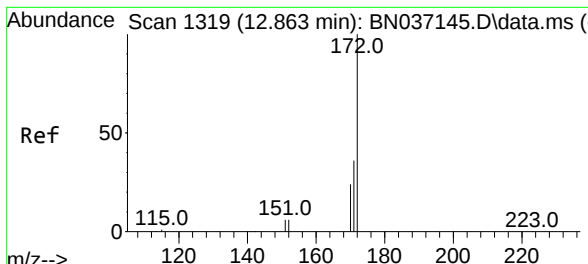
Tgt Ion:	164	Resp:	3984
Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.5	128.3
160	54.5	44.6	67.0



#14
2,4,6-Tribromophenol
Concen: 0.274 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

Tgt Ion:	330	Resp:	439
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.1	115.7
141	65.4	46.4	69.6

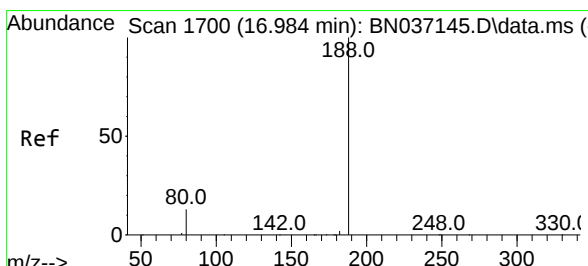
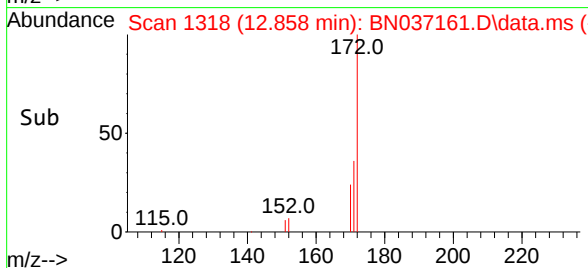
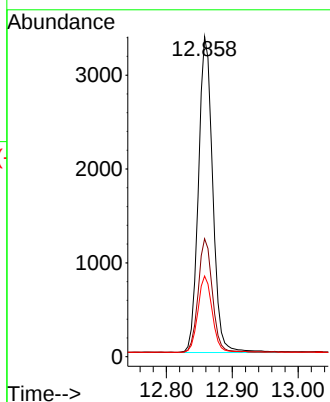
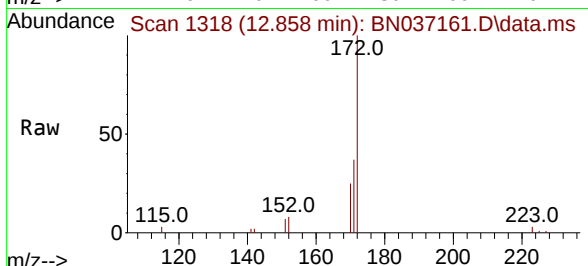




#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.858 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

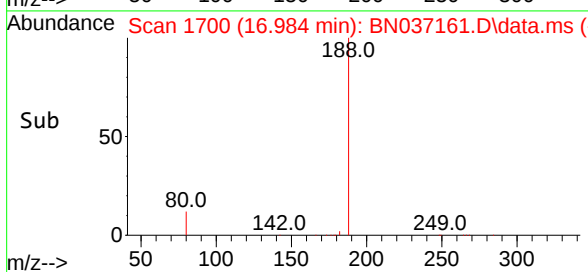
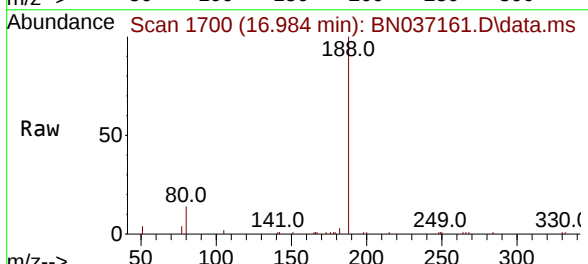
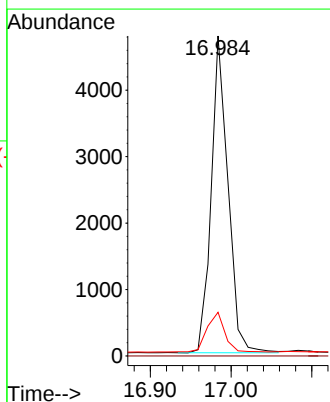
Instrument :
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BP-VPB-182-EB-20250529

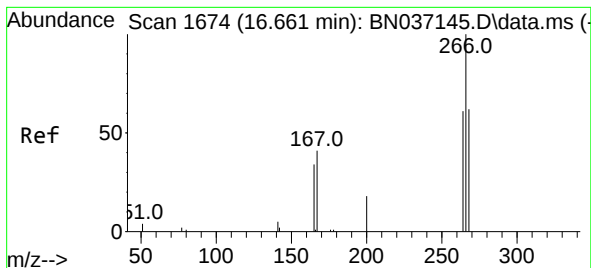
Tgt Ion:	172	Resp:	5073
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	25.2	20.3	30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

Tgt Ion:	188	Resp:	6891
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	11.3	16.9





#24

Pentachlorophenol

Concen: 0.221 ng

RT: 16.649 min Scan# 1673

Delta R.T. -0.012 min

Lab File: BN037161.D

Acq: 03 Jun 2025 23:49

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-EB-20250529

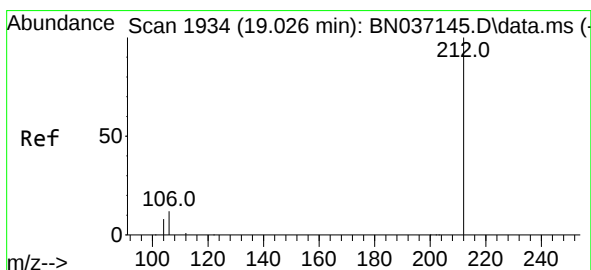
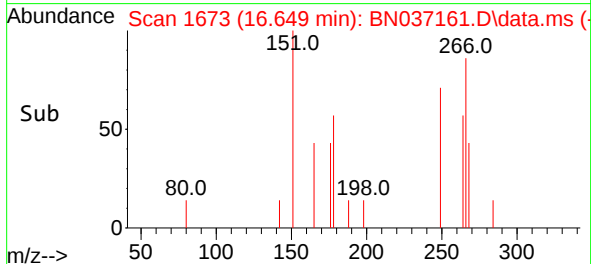
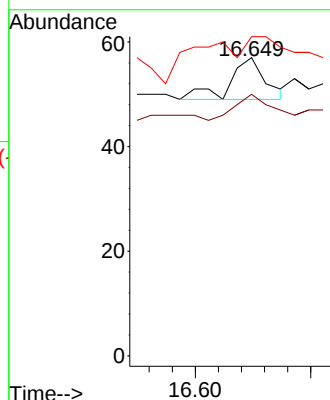
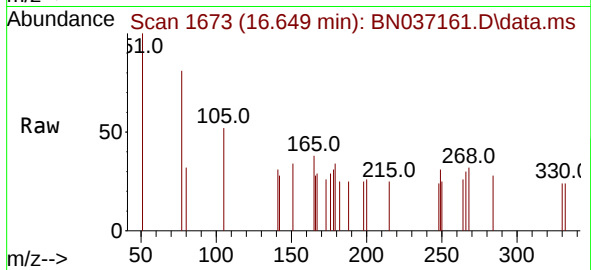
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 64.7 49.3 73.9

268 129.4 49.0 73.4#



#27

Fluoranthene-d10

Concen: 0.318 ng

RT: 19.026 min Scan# 1934

Delta R.T. -0.000 min

Lab File: BN037161.D

Acq: 03 Jun 2025 23:49

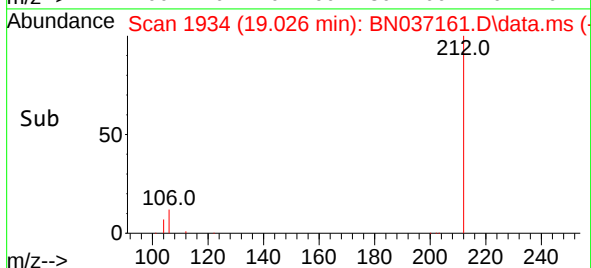
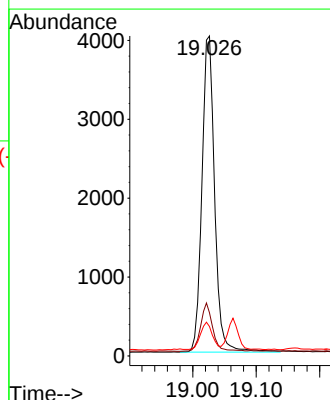
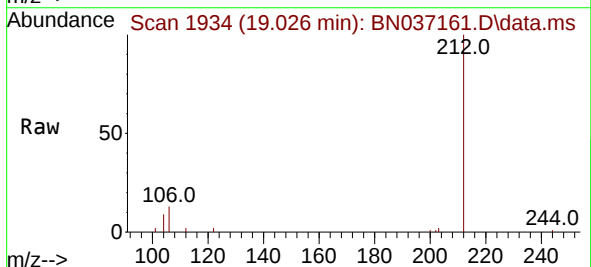
Tgt Ion:212 Resp: 5567

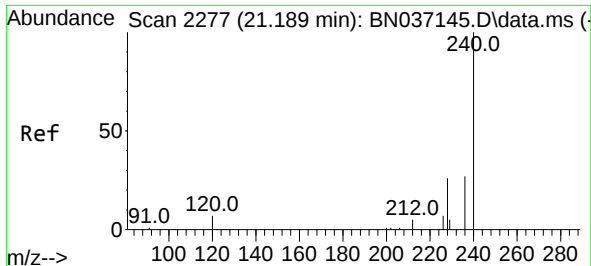
Ion Ratio Lower Upper

212 100

106 14.4 10.6 15.8

104 8.3 6.6 9.8

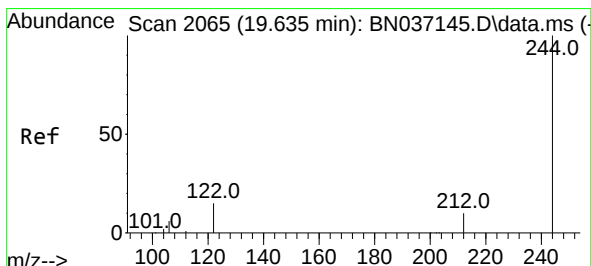
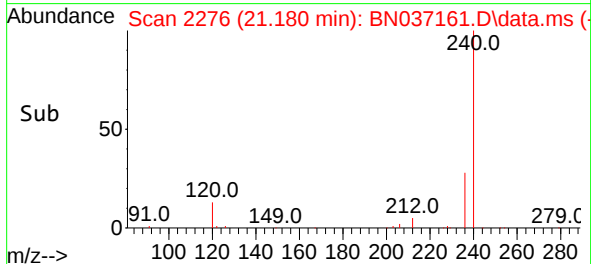
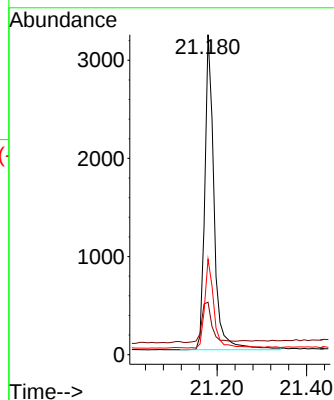
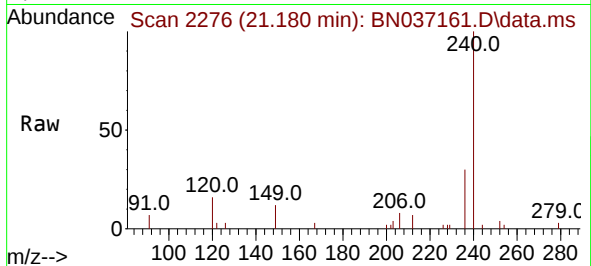




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

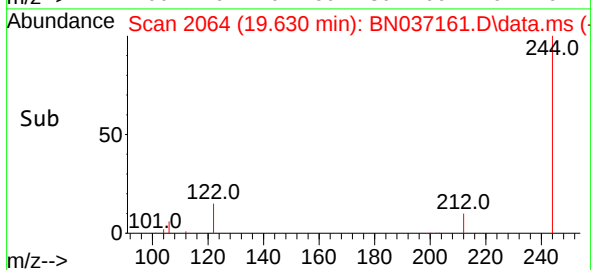
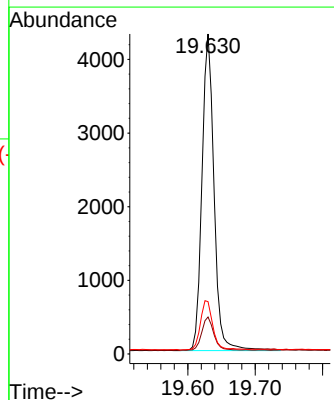
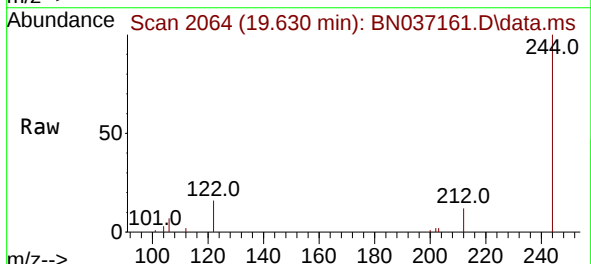
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250529

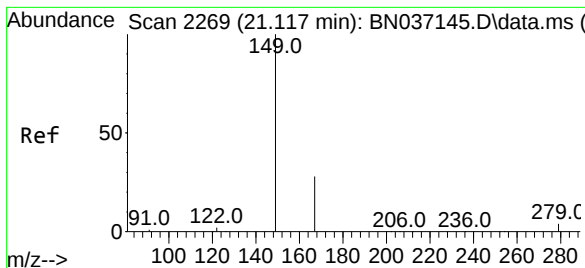
Tgt Ion:240 Resp: 4650
Ion Ratio Lower Upper
240 100
120 16.4 9.0 13.4#
236 29.8 23.0 34.4



#31
Terphenyl-d14
Concen: 0.487 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

Tgt Ion:244 Resp: 5328
Ion Ratio Lower Upper
244 100
212 11.6 10.0 15.0
122 16.4 13.2 19.8

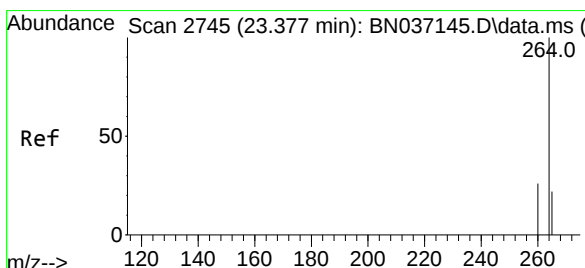
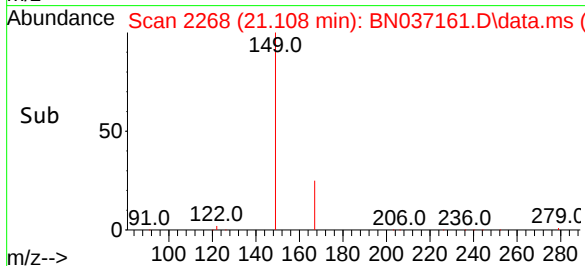
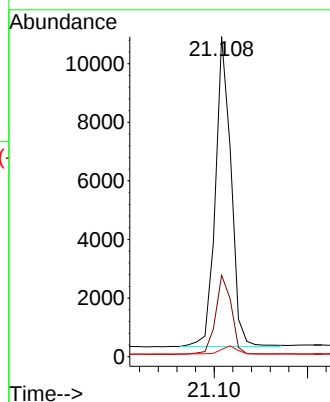
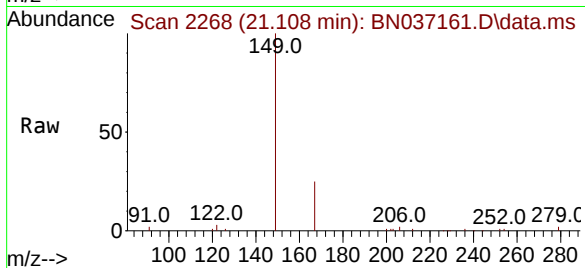




#34
Bis(2-ethylhexyl)phthalate
Concen: 1.152 ng
RT: 21.108 min Scan# 2110
Delta R.T. -0.009 min
Lab File: BN037161.D
Acq: 03 Jun 2025 23:49

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion:149 Resp: 12234
Ion Ratio Lower Upper
149 100
167 25.9 21.0 31.4
279 2.7 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: BN037161.D
Acq: 03 Jun 2025 23:49

Tgt Ion:264 Resp: 4307
Ion Ratio Lower Upper
264 100
260 27.1 22.1 33.1
265 68.7 55.8 83.8

