

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
 Data File : BN037276.D
 Acq On : 15 Jun 2025 00:18
 Operator : RC/JU
 Sample : Q2314-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-EB-20250612

Quant Time: Jun 16 02:46:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

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

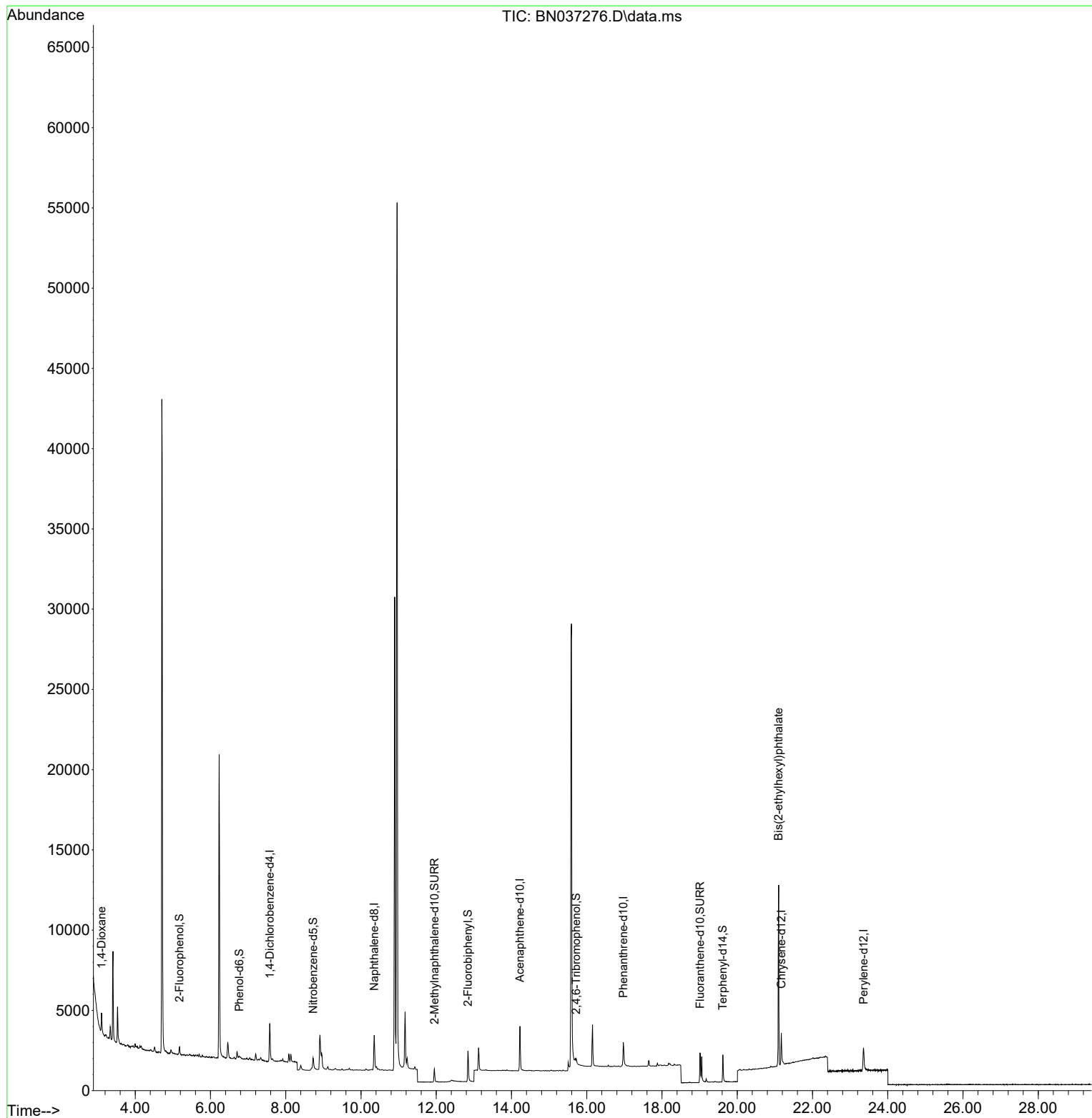
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1177	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	3045	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1578	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2705	0.400	ng	0.00
29) Chrysene-d12	21.171	240	2258	0.400	ng	0.00
35) Perylene-d12	23.357	264	2222	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	346	0.120	ng	0.00
5) Phenol-d6	6.766	99	168	0.055	ng	0.00
8) Nitrobenzene-d5	8.728	82	762	0.253	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	1185	0.290	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	182	0.278	ng	-0.01
15) 2-Fluorobiphenyl	12.843	172	1959	0.295	ng	0.00
27) Fluoranthene-d10	19.012	212	2466	0.348	ng	0.00
31) Terphenyl-d14	19.616	244	1856	0.364	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	476	0.295	ng	# 31
34) Bis(2-ethylhexyl)phtha...	21.099	149	9798	1.726	ng	# 99

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

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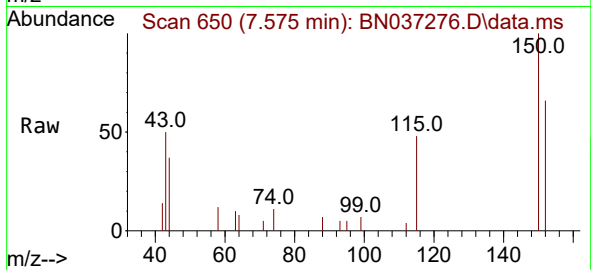
Quant Time: Jun 16 02:46:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
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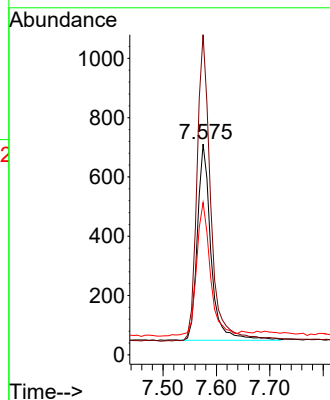
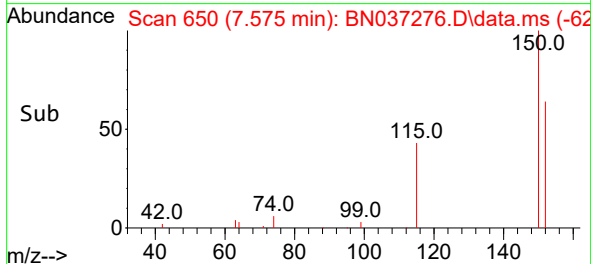


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.575 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN037276.D
Acq: 15 Jun 2025 00:18

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250612

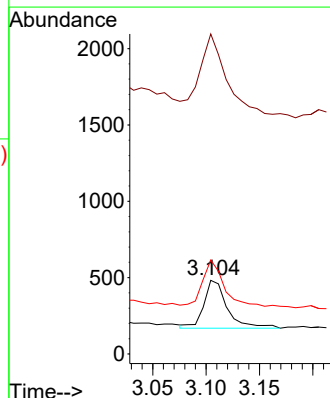
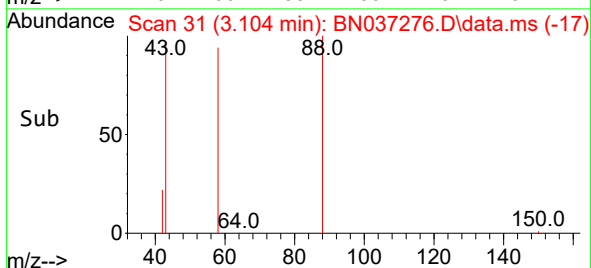
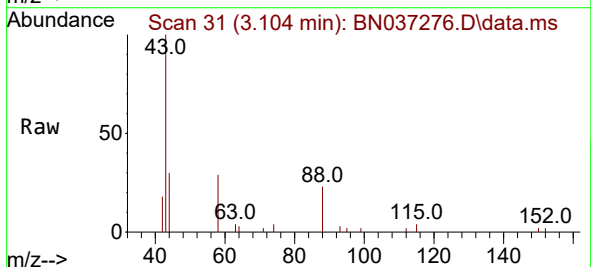


Tgt Ion:152 Resp: 1177
Ion Ratio Lower Upper
152 100
150 151.9 125.2 187.8
115 72.3 58.4 87.6



#2
1,4-Dioxane
Concen: 0.295 ng
RT: 3.104 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN037276.D
Acq: 15 Jun 2025 00:18

Tgt Ion: 88 Resp: 476
Ion Ratio Lower Upper
88 100
43 195.2 52.6 79.0#
58 89.9 73.5 110.3





#4

2-Fluorophenol

Concen: 0.120 ng

RT: 5.177 min Scan# 317

Delta R.T. 0.007 min

Lab File: BN037276.D

Acq: 15 Jun 2025 00:18

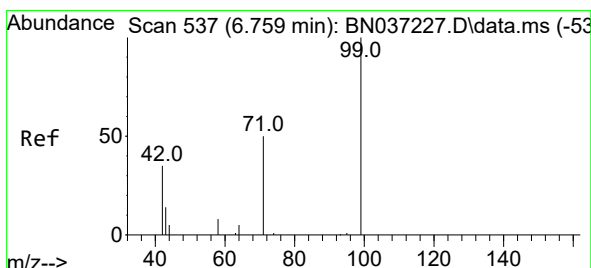
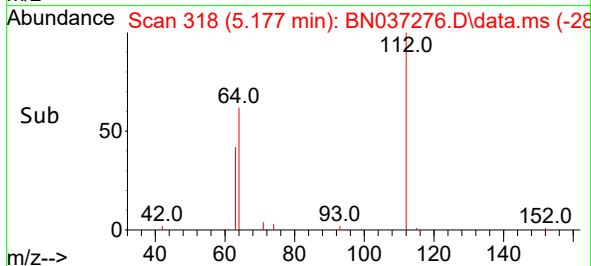
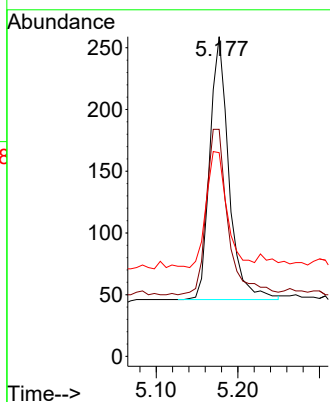
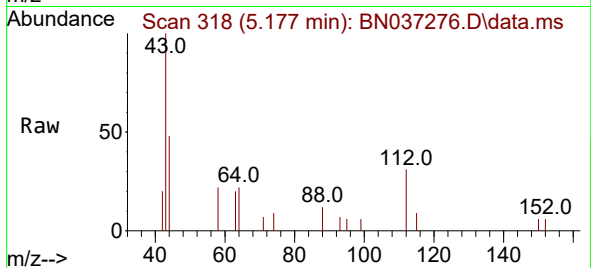
Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-EB-20250612

Tgt Ion:	112	Resp:	346
Ion Ratio	Lower	Upper	
112	100		
64	71.4	57.2	85.8
63	48.8	39.8	59.6



#5

Phenol-d6

Concen: 0.055 ng

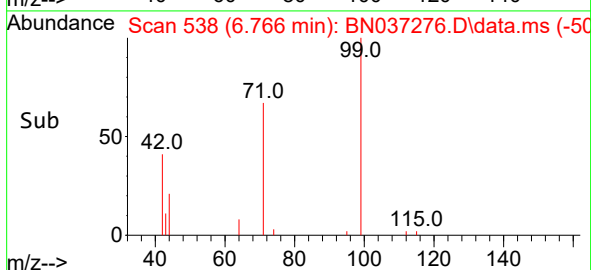
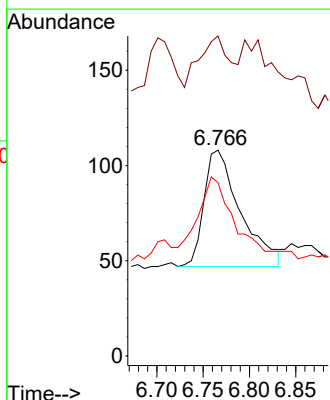
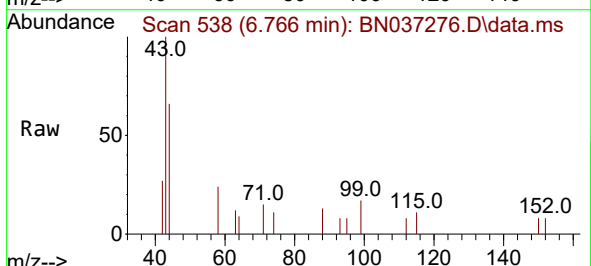
RT: 6.766 min Scan# 538

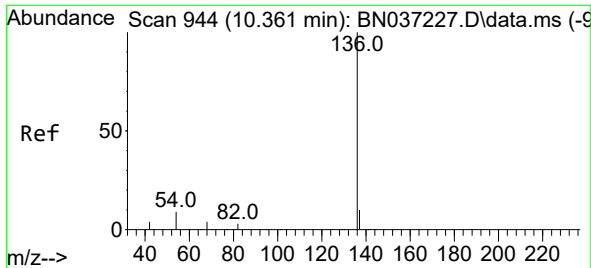
Delta R.T. 0.007 min

Lab File: BN037276.D

Acq: 15 Jun 2025 00:18

Tgt Ion:	99	Resp:	168
Ion Ratio	Lower	Upper	
99	100		
42	47.0	36.2	54.4
71	60.1	42.4	63.6

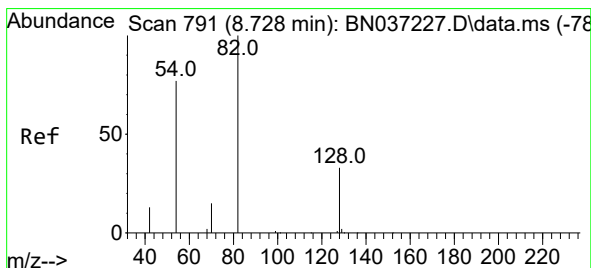
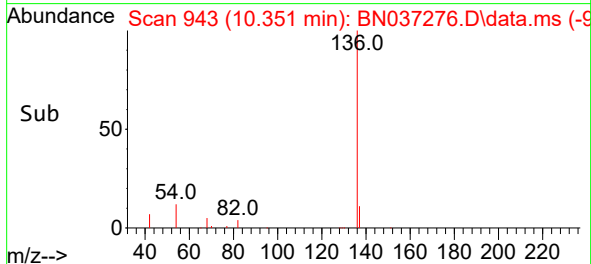
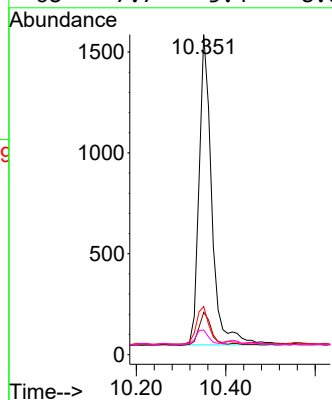
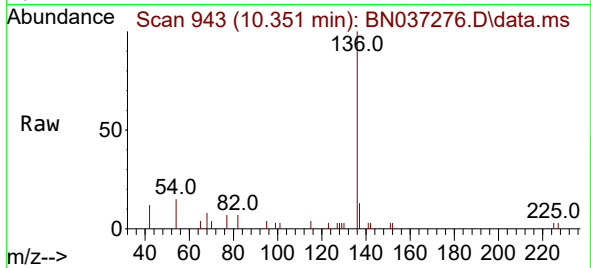




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN037276.D
Acq: 15 Jun 2025 00:18

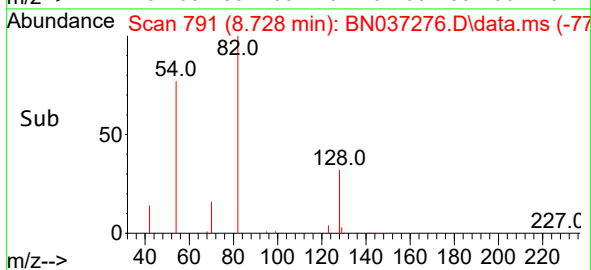
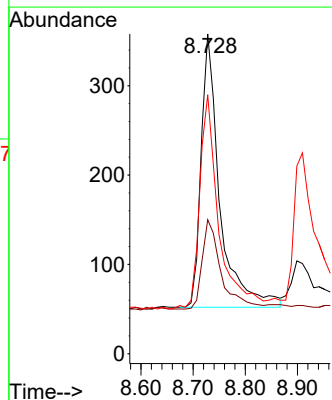
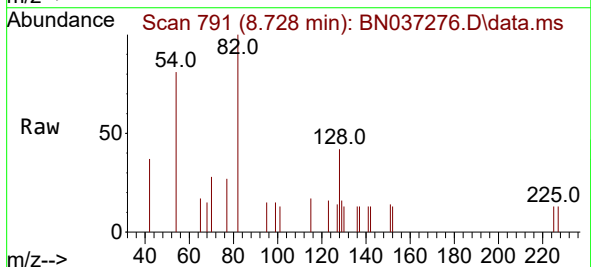
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250612

Tgt Ion:	136	Resp:	3045
Ion	Ratio	Lower	Upper
136	100		
137	13.2	10.6	15.8
54	15.0	9.2	13.8
68	7.7	5.4	8.0



#8
Nitrobenzene-d5
Concen: 0.253 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN037276.D
Acq: 15 Jun 2025 00:18

Tgt Ion:	82	Resp:	762
Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.2	46.8
54	81.0	63.3	94.9





#11

2-Methylnaphthalene-d10

Concen: 0.290 ng

RT: 11.950 min Scan# 1140

Delta R.T. -0.005 min

Lab File: BN037276.D

Acq: 15 Jun 2025 00:18

Instrument :

BNA_N

ClientSampleId :

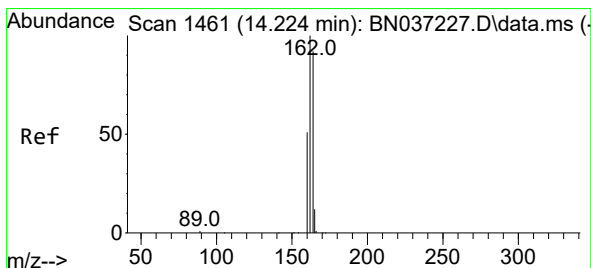
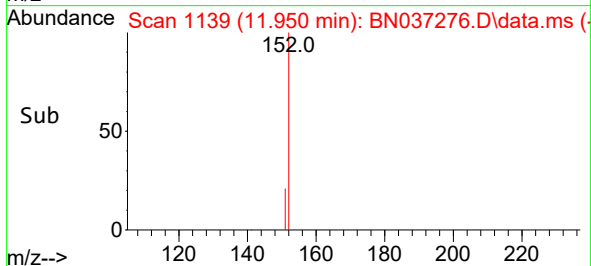
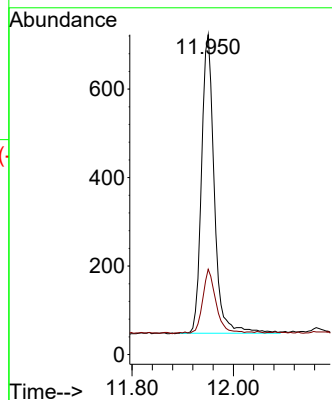
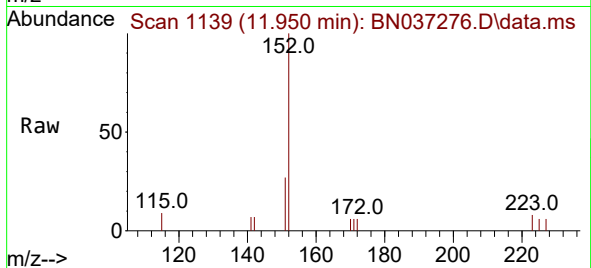
BP-VPB-182-EB-20250612

Tgt Ion:152 Resp: 1185

Ion Ratio Lower Upper

152 100

151 21.9 17.9 26.9



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.224 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BN037276.D

Acq: 15 Jun 2025 00:18

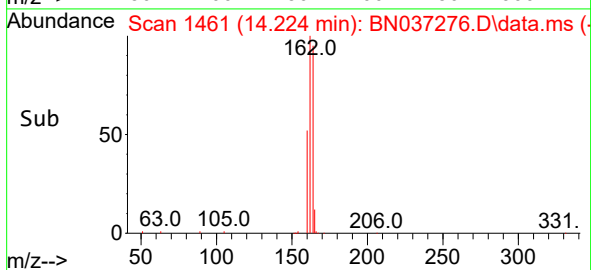
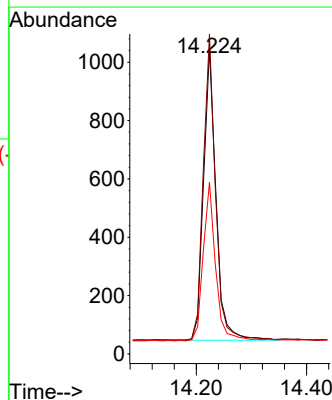
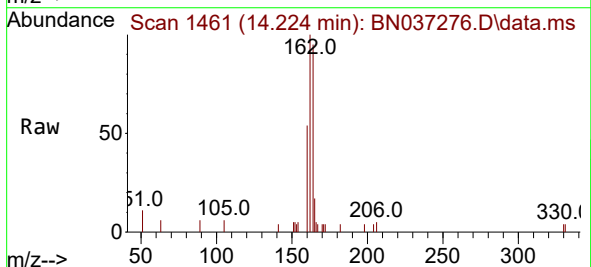
Tgt Ion:164 Resp: 1578

Ion Ratio Lower Upper

164 100

162 104.9 86.7 130.1

160 56.3 45.8 68.6

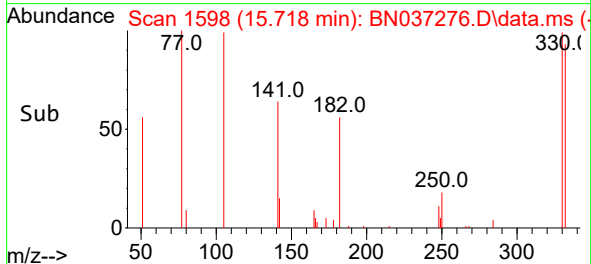
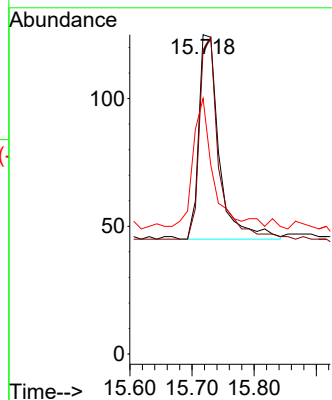
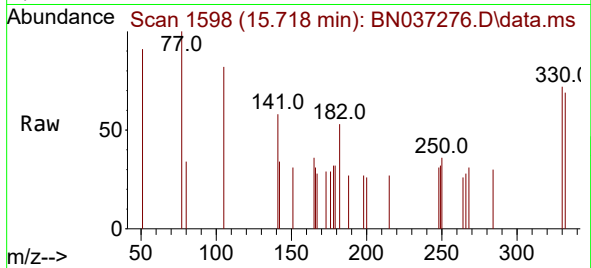




#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.012 min
Lab File: BN037276.D
Acq: 15 Jun 2025 00:18

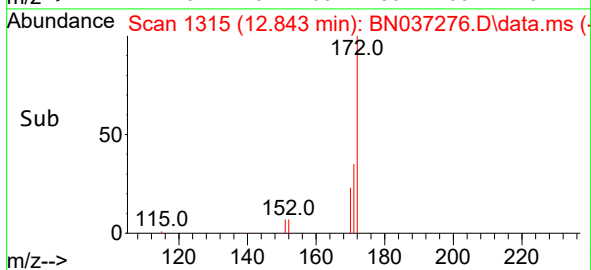
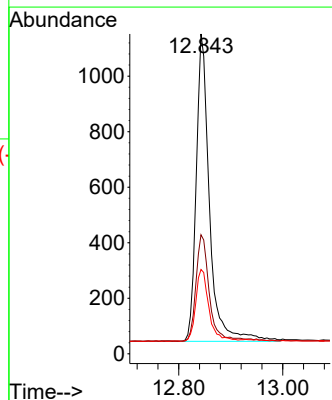
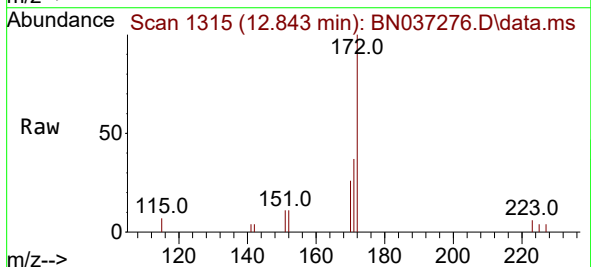
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250612

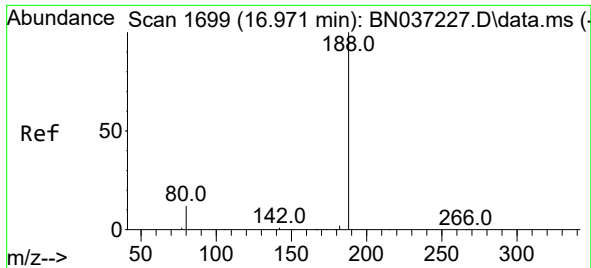
Tgt Ion:330 Resp: 182
Ion Ratio Lower Upper
330 100
332 94.0 74.9 112.3
141 67.0 45.1 67.7



#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 12.843 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BN037276.D
Acq: 15 Jun 2025 00:18

Tgt Ion:172 Resp: 1959
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.8
170 26.4 21.1 31.7

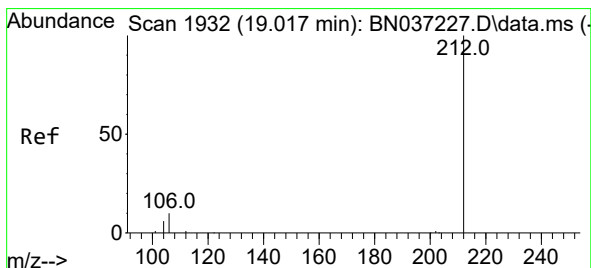
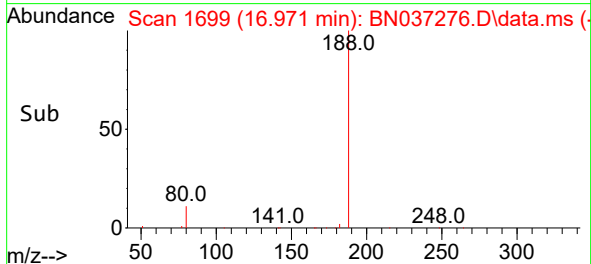
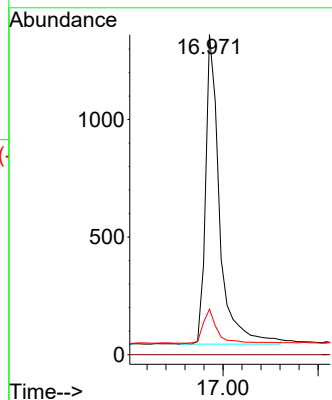
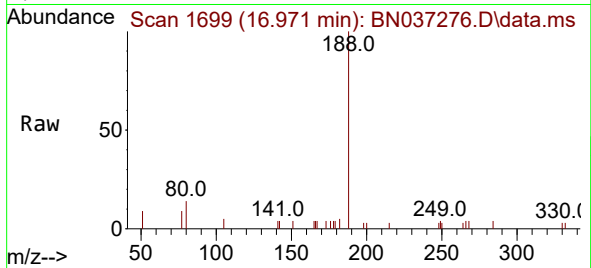




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037276.D
Acq: 15 Jun 2025 00:18

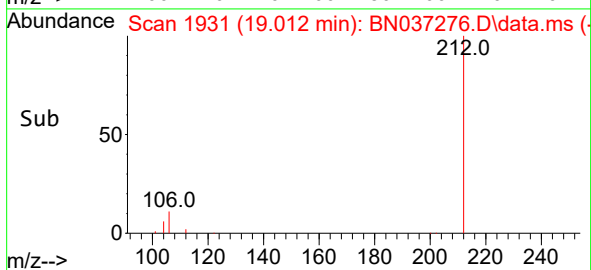
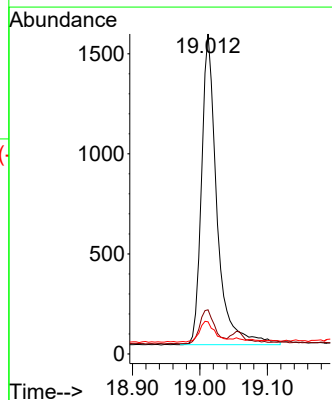
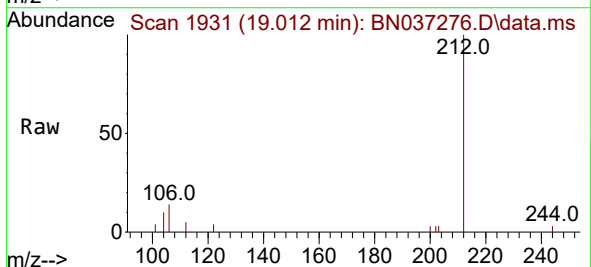
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-EB-20250612

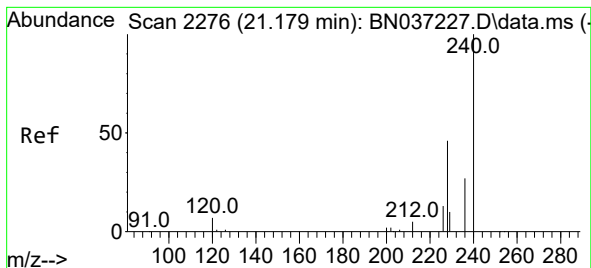
Tgt Ion:188 Resp: 2705
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.012 min Scan# 1931
Delta R.T. -0.005 min
Lab File: BN037276.D
Acq: 15 Jun 2025 00:18

Tgt Ion:212 Resp: 2466
Ion Ratio Lower Upper
212 100
106 10.7 9.3 13.9
104 6.7 5.7 8.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.171 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037276.D

Acq: 15 Jun 2025 00:18

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-EB-20250612

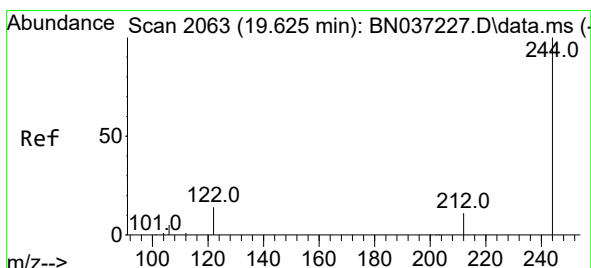
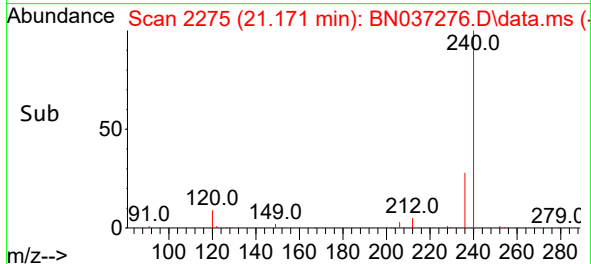
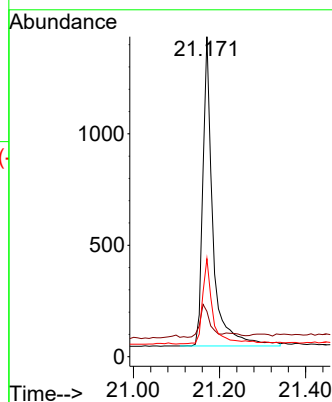
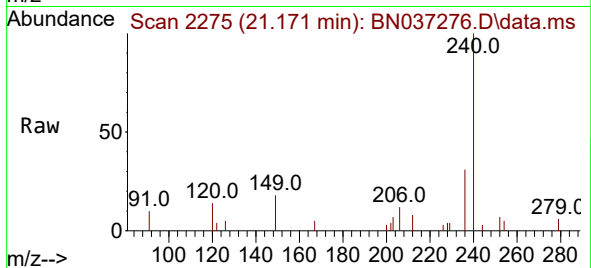
Tgt Ion:240 Resp: 2258

Ion Ratio Lower Upper

240 100

120 14.1 11.3 16.9

236 30.6 24.4 36.6



#31

Terphenyl-d14

Concen: 0.364 ng

RT: 19.616 min Scan# 2061

Delta R.T. -0.009 min

Lab File: BN037276.D

Acq: 15 Jun 2025 00:18

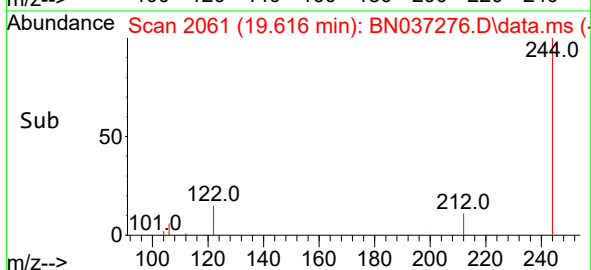
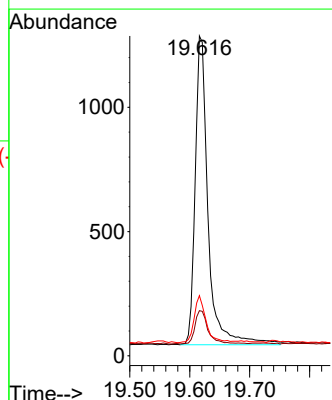
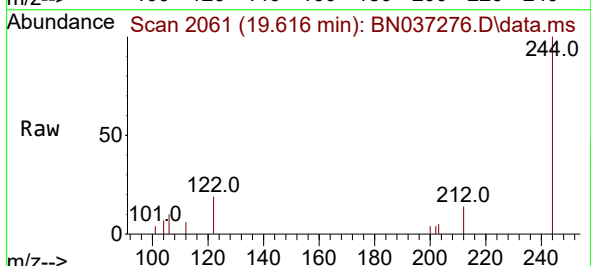
Tgt Ion:244 Resp: 1856

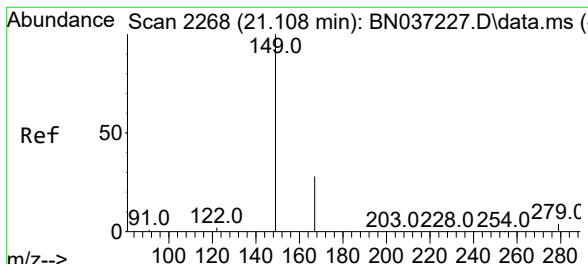
Ion Ratio Lower Upper

244 100

212 14.1 12.2 18.2

122 18.8 14.3 21.5

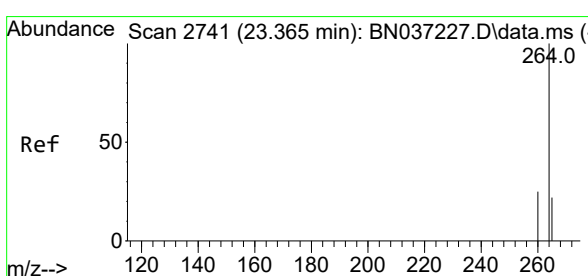
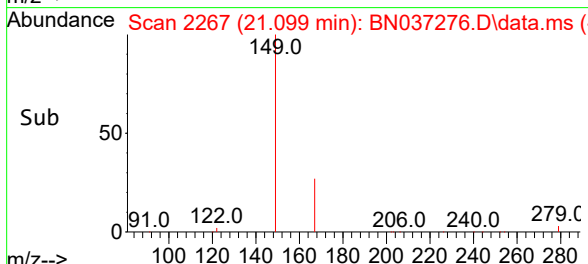
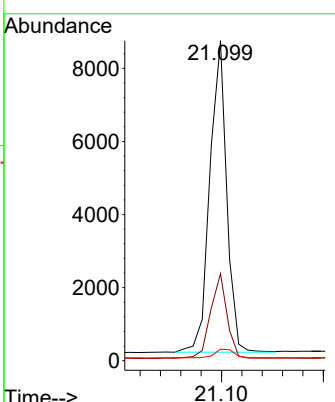
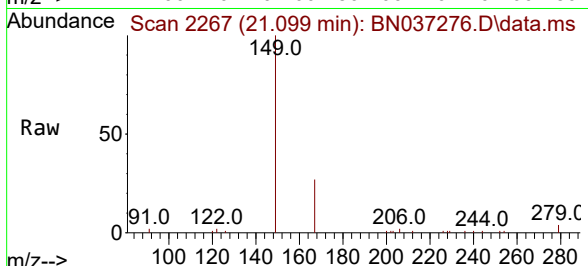




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.726 ng
 RT: 21.099 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037276.D
 Acq: 15 Jun 2025 00:18

Instrument : BNA_N
 ClientSampleId : BP-VPB-182-EB-20250612

Tgt Ion:	149	Resp:	9798
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	3.3	3.3	4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.357 min Scan# 2738
 Delta R.T. -0.009 min
 Lab File: BN037276.D
 Acq: 15 Jun 2025 00:18

Tgt Ion:	264	Resp:	2222
Ion Ratio	Lower	Upper	
264	100		
260	26.8	22.8	34.2
265	83.3	66.4	99.6

