

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037176.D
 Acq On : 05 Jun 2025 12:08
 Operator : RC/JU
 Sample : Q2186-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VPB182-HYD-20250530

Quant Time: Jun 05 12:42:07 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)

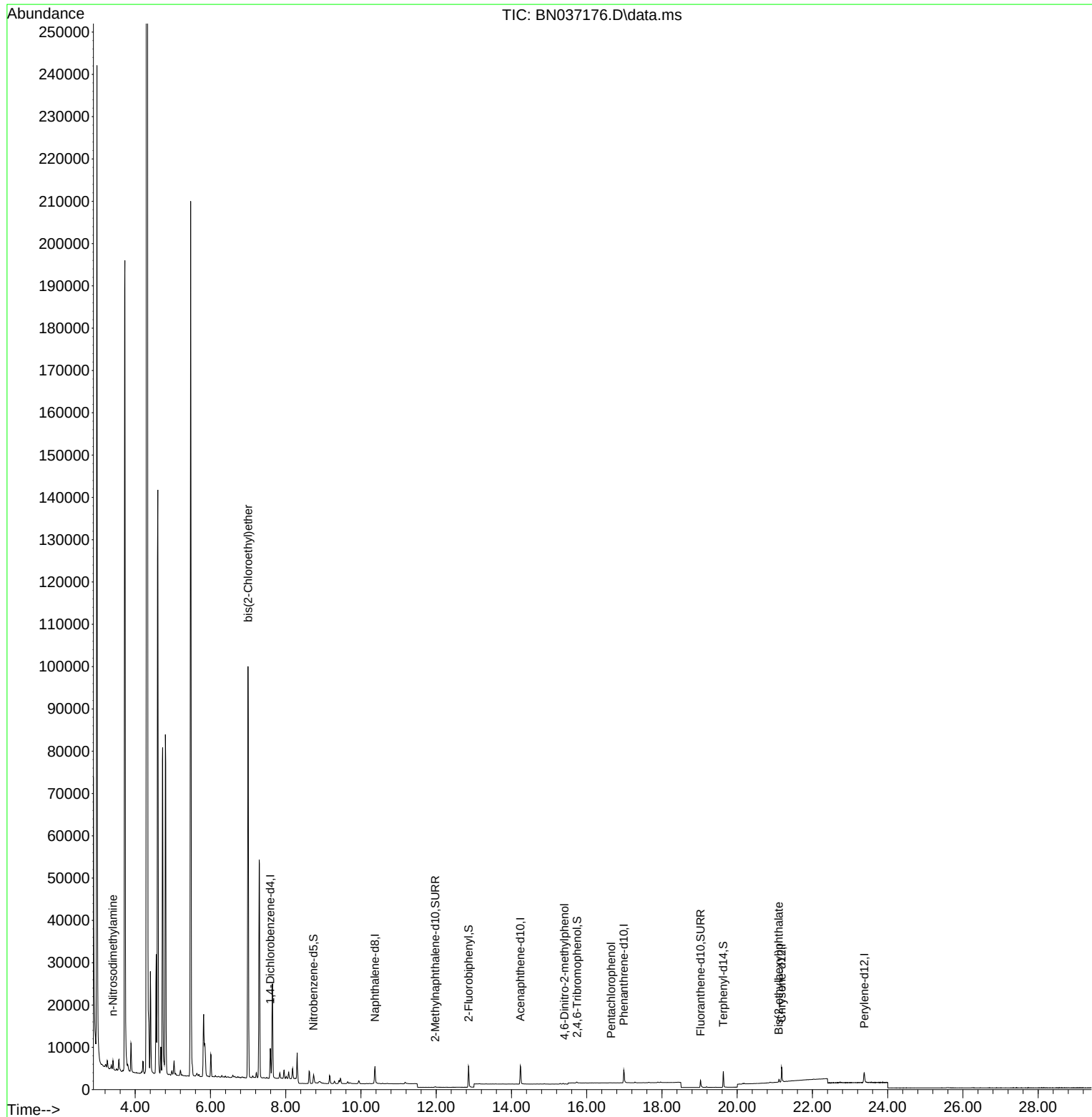
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2282	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	5466	0.400	ng	0.00
13) Acenaphthene-d10	14.234	164	2730	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4699	0.400	ng	0.00
29) Chrysene-d12	21.180	240	3527	0.400	ng	# 0.00
35) Perylene-d12	23.374	264	3289	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	33	0.006	ng	0.00
5) Phenol-d6	6.773	99	8	0.001	ng	0.00
8) Nitrobenzene-d5	8.739	82	1940	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	211	0.028	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	133	0.121	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	4844	0.416	ng	0.00
27) Fluoranthene-d10	19.026	212	1985	0.166	ng	0.00
31) Terphenyl-d14	19.630	244	3730	0.449	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.408	42	199	0.033	ng	# 12
6) bis(2-Chloroethyl)ether	6.997	93	46628	7.144	ng	# 38
20) 4,6-Dinitro-2-methylph...	15.410	198	4	0.277	ng	# 1
24) Pentachlorophenol	16.649	266	34	0.232	ng	# 39
34) Bis(2-ethylhexyl)phtha...	21.108	149	672	0.083	ng	# 99

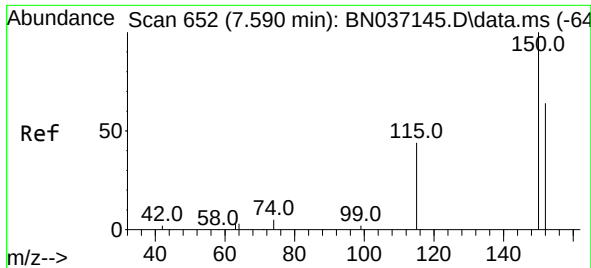
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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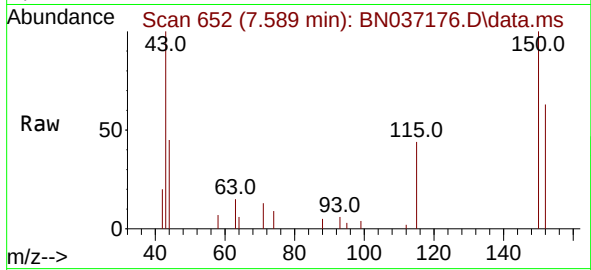
Quant Time: Jun 05 12:42:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
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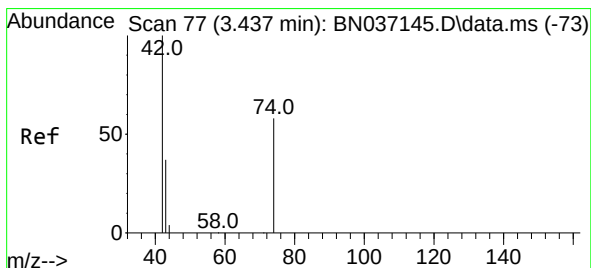
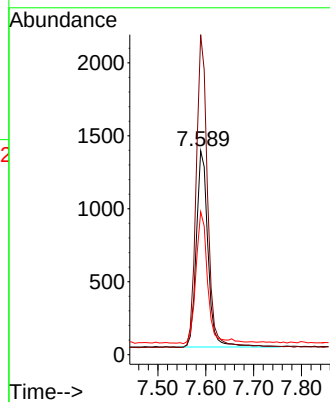
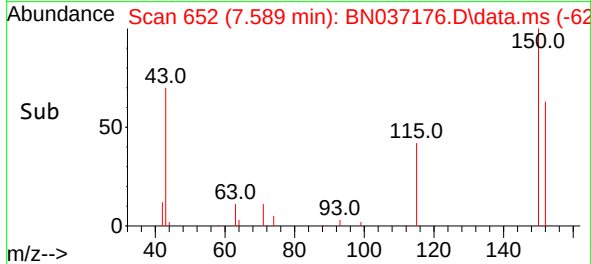


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN037176.D
Acq: 05 Jun 2025 12:08

Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250530

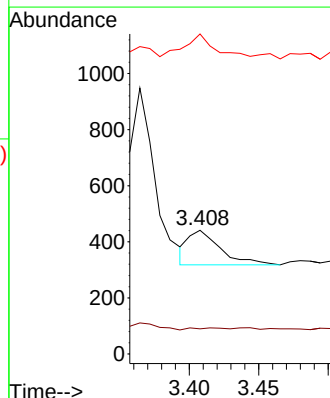
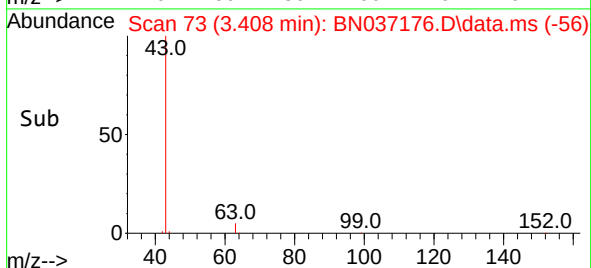
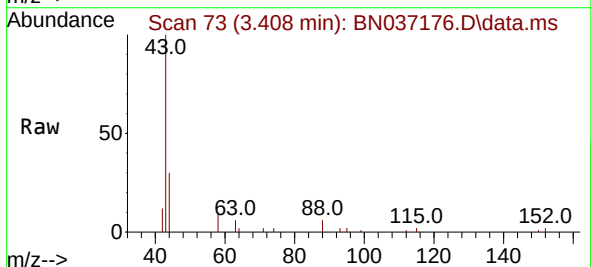


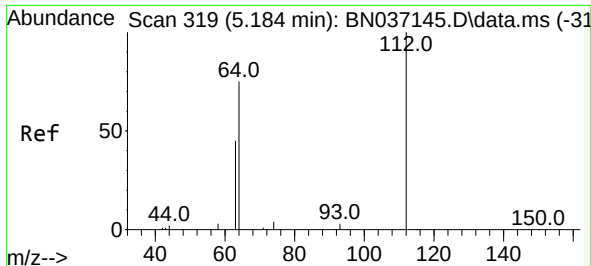
Tgt Ion:152 Resp: 2282
Ion Ratio Lower Upper
152 100
150 157.0 123.2 184.8
115 70.1 56.6 85.0



#3
n-Nitrosodimethylamine
Concen: 0.033 ng
RT: 3.408 min Scan# 73
Delta R.T. -0.029 min
Lab File: BN037176.D
Acq: 05 Jun 2025 12:08

Tgt Ion: 42 Resp: 199
Ion Ratio Lower Upper
42 100
74 6.0 53.0 79.4#
44 78.4 5.9 8.9#





#4

2-Fluorophenol

Concen: 0.006 ng

RT: 5.192 min Scan# 319

Delta R.T. 0.007 min

Lab File: BN037176.D

Acq: 05 Jun 2025 12:08

Instrument :

BNA_N

ClientSampleId :

VPB182-HYD-20250530

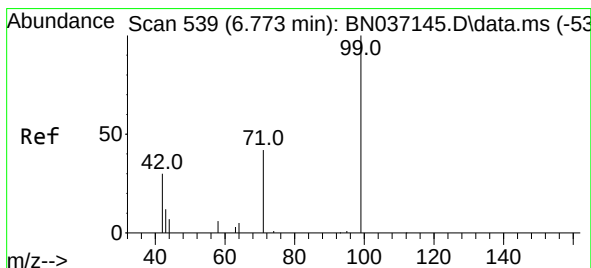
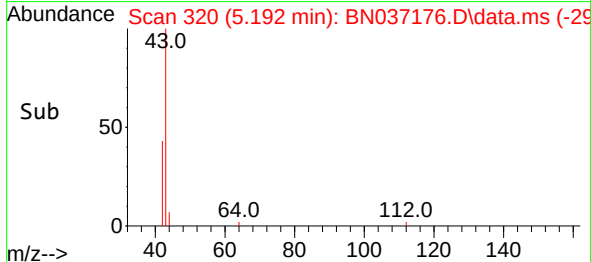
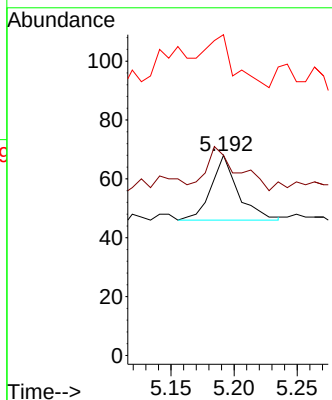
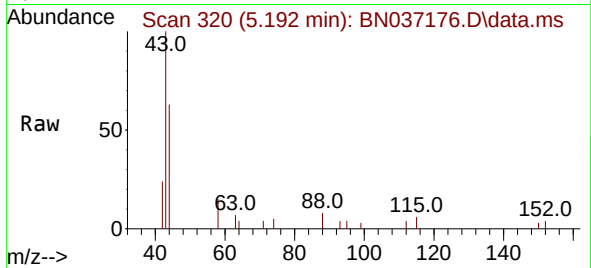
Tgt Ion:112 Resp: 33

Ion Ratio Lower Upper

112 100

64 78.8 56.3 84.5

63 81.8 36.2 54.4#



#5

Phenol-d6

Concen: 0.001 ng

RT: 6.773 min Scan# 539

Delta R.T. -0.000 min

Lab File: BN037176.D

Acq: 05 Jun 2025 12:08

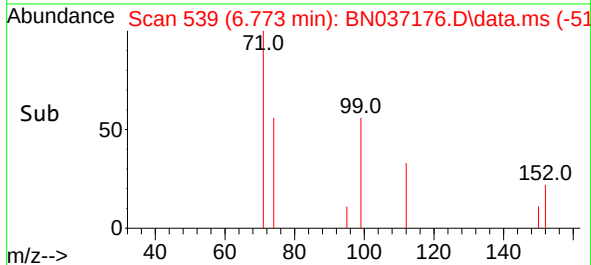
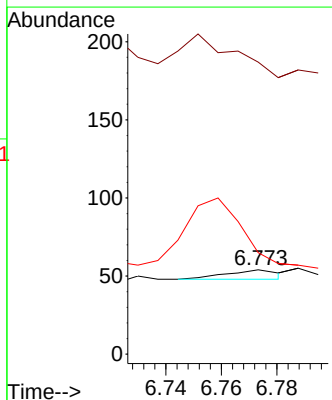
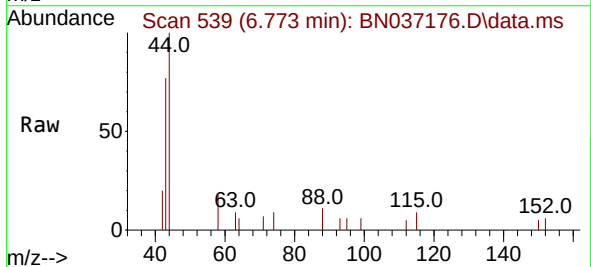
Tgt Ion: 99 Resp: 8

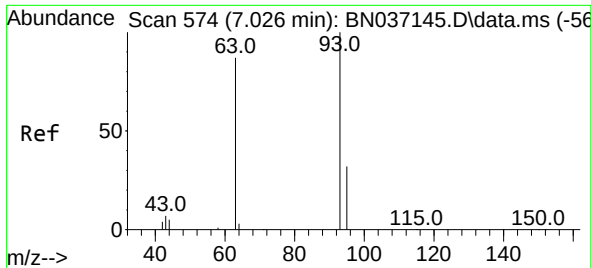
Ion Ratio Lower Upper

99 100

42 0.0 31.3 46.9#

71 0.0 38.2 57.2#

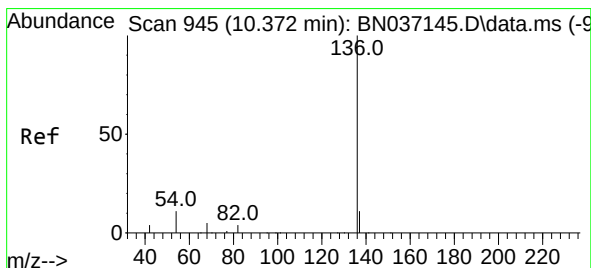
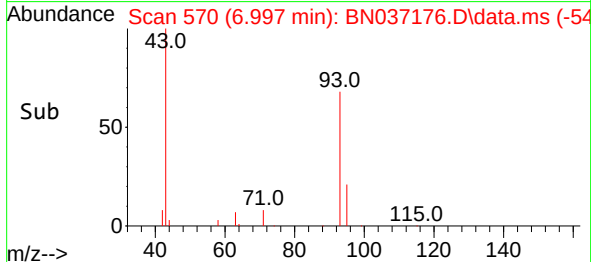
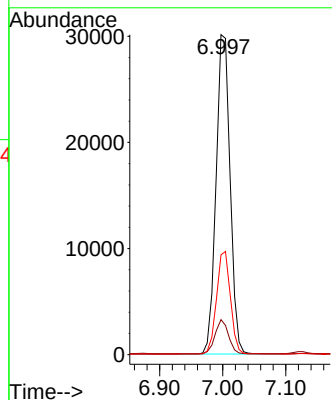
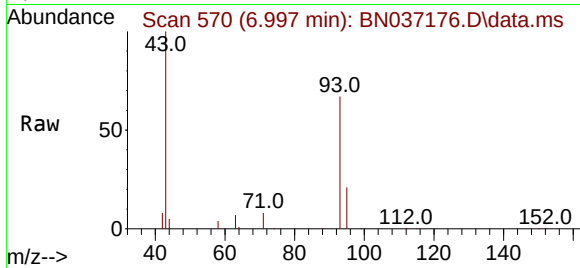




#6
bis(2-Chloroethyl)ether
Concen: 7.144 ng
RT: 6.997 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN037176.D
Acq: 05 Jun 2025 12:08

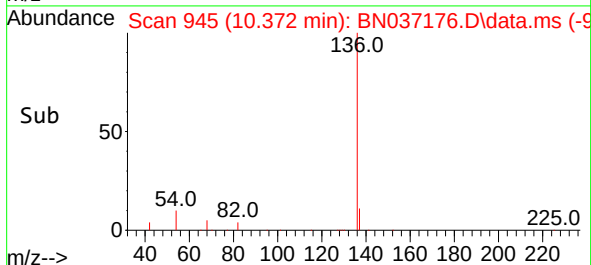
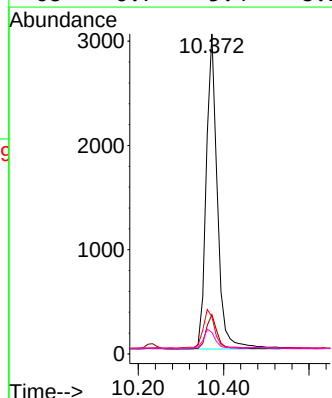
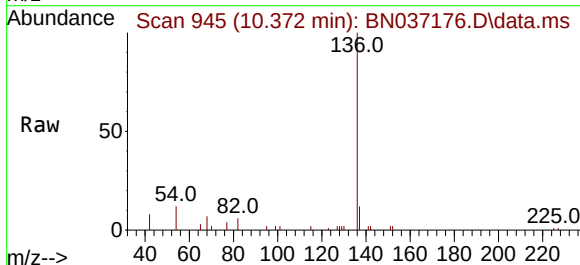
Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250530

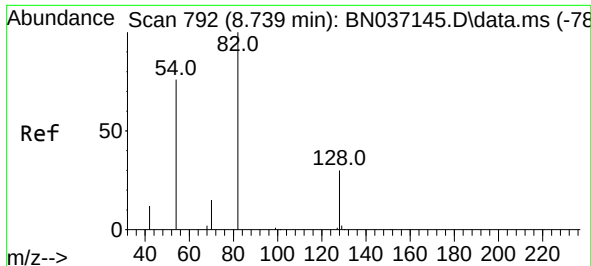
Tgt Ion: 93 Resp: 46628
Ion Ratio Lower Upper
93 100
63 10.1 68.6 103.0#
95 31.8 24.3 36.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037176.D
Acq: 05 Jun 2025 12:08

Tgt Ion:136 Resp: 5466
Ion Ratio Lower Upper
136 100
137 12.3 9.7 14.5
54 11.6 9.7 14.5
68 6.7 5.4 8.2

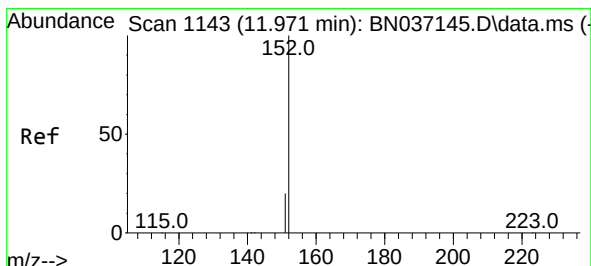
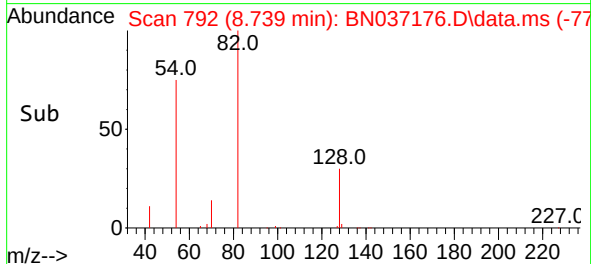
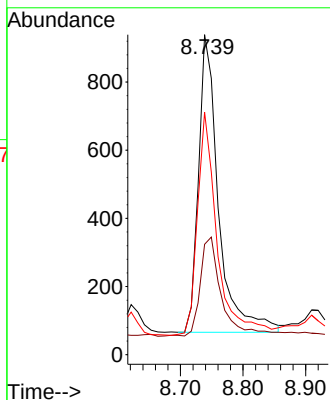
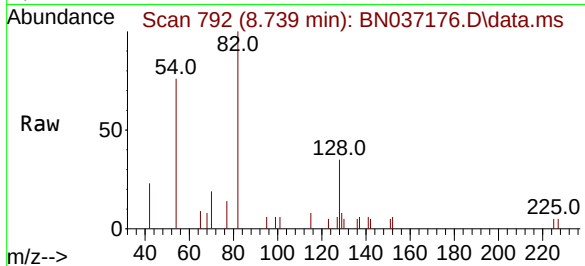




#8
 Nitrobenzene-d5
 Concen: 0.336 ng
 RT: 8.739 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BN037176.D
 Acq: 05 Jun 2025 12:08

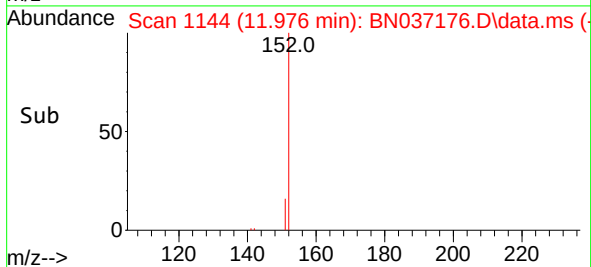
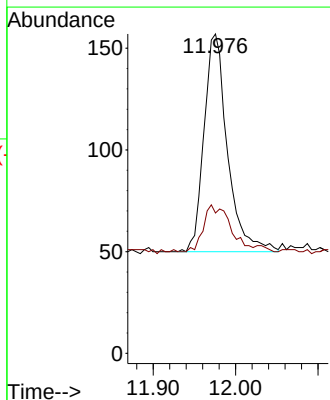
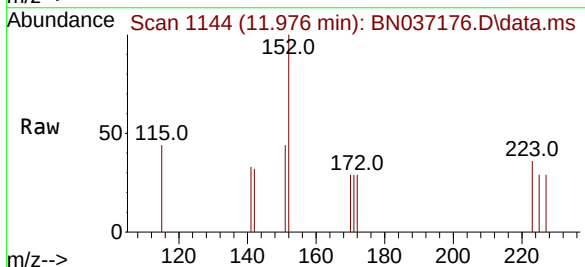
Instrument :
 BNA_N
 ClientSampleId :
 VPB182-HYD-20250530

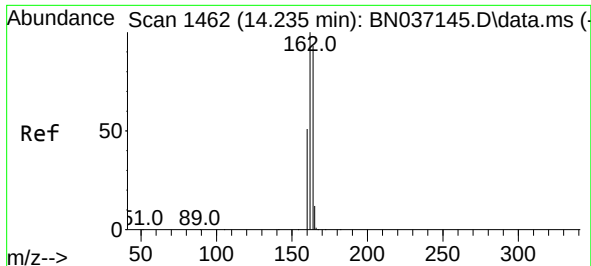
Tgt Ion:	82	Resp:	1940
Ion	Ratio	Lower	Upper
82	100		
128	34.5	26.9	40.3
54	75.8	61.4	92.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.028 ng
 RT: 11.976 min Scan# 1144
 Delta R.T. 0.005 min
 Lab File: BN037176.D
 Acq: 05 Jun 2025 12:08

Tgt Ion:	152	Resp:	211
Ion	Ratio	Lower	Upper
152	100		
151	24.2	17.1	25.7

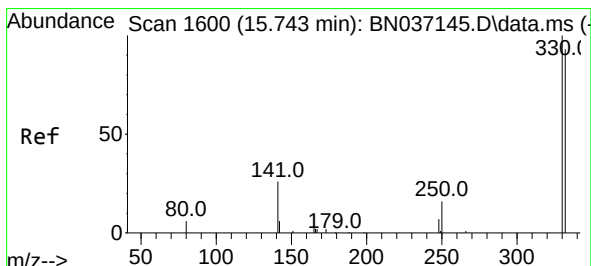
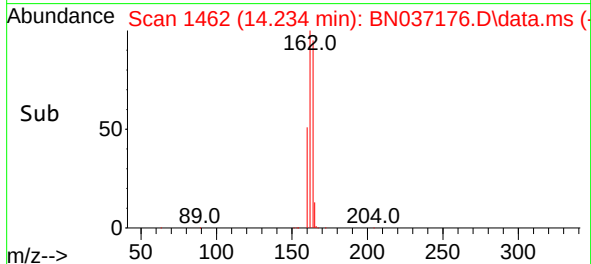
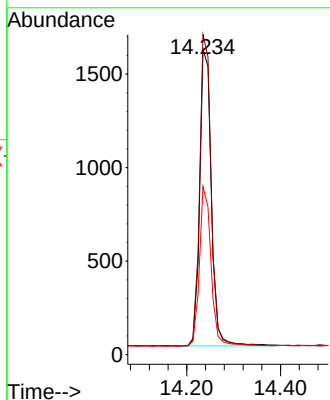
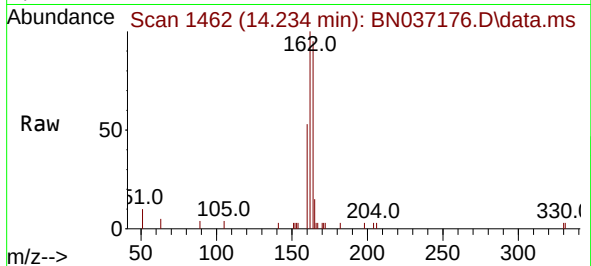




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037176.D
Acq: 05 Jun 2025 12:08

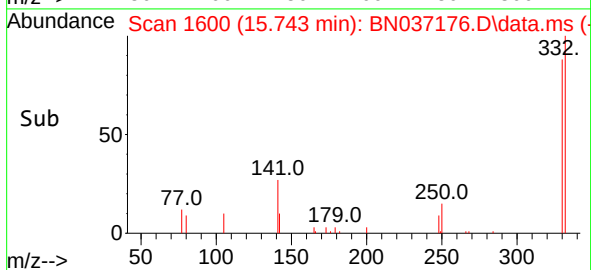
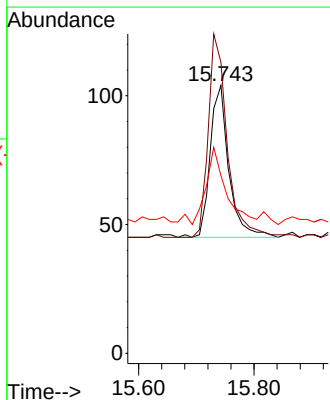
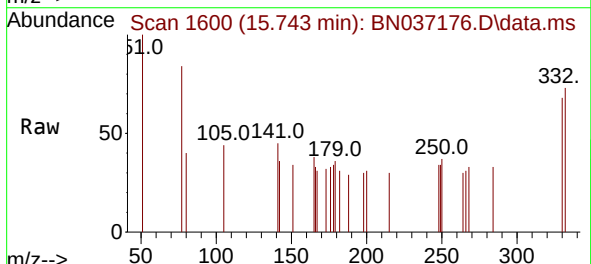
Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250530

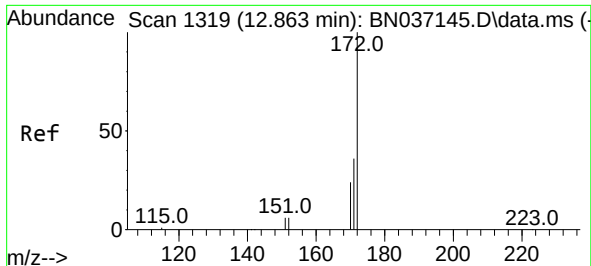
Tgt Ion:164 Resp: 2730
Ion Ratio Lower Upper
164 100
162 104.7 85.5 128.3
160 55.1 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.121 ng
RT: 15.743 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN037176.D
Acq: 05 Jun 2025 12:08

Tgt Ion:330 Resp: 133
Ion Ratio Lower Upper
330 100
332 136.1 77.1 115.7#
141 49.6 46.4 69.6

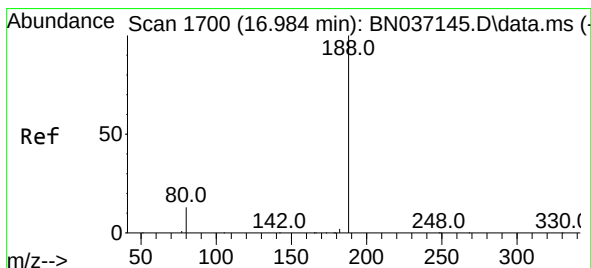
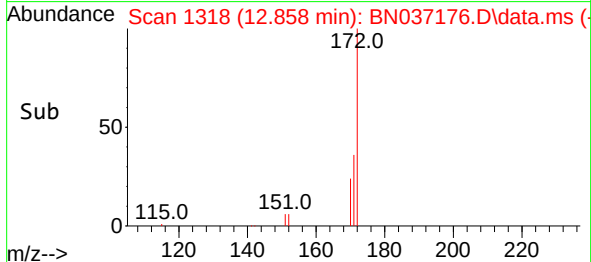
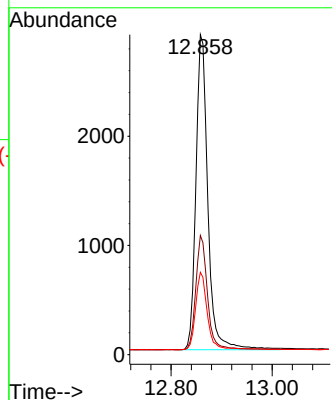
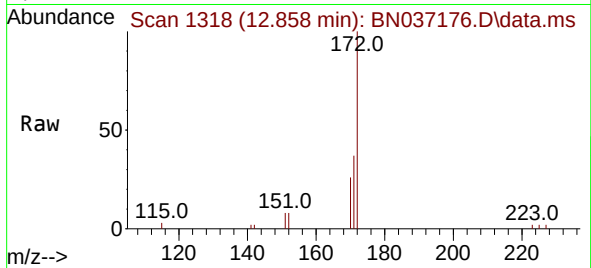




#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.858 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN037176.D
Acq: 05 Jun 2025 12:08

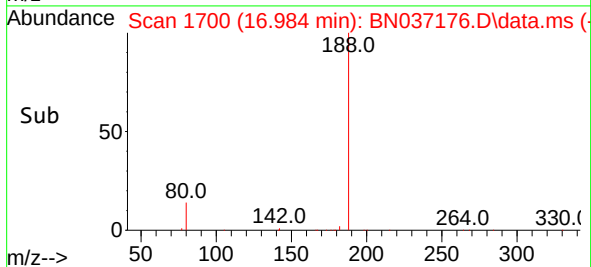
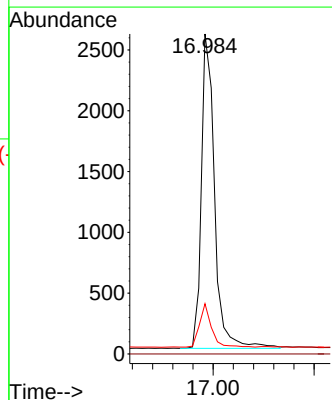
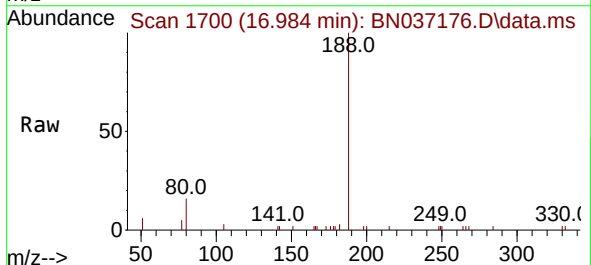
Instrument :
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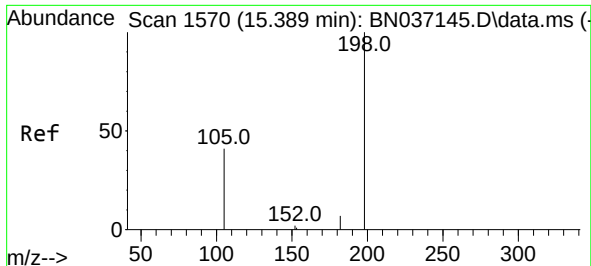
Tgt Ion:172	Resp:	4844
Ion	Ratio	Lower Upper
172	100	
171	37.2	29.6 44.4
170	25.7	20.3 30.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN037176.D
Acq: 05 Jun 2025 12:08

Tgt Ion:188	Resp:	4699
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	15.7	11.3 16.9





#20

4,6-Dinitro-2-methylphenol

Concen: 0.277 ng

RT: 15.410 min Scan# 1

Delta R.T. 0.021 min

Lab File: BN037176.D

Acq: 05 Jun 2025 12:08

Instrument :

BNA_N

ClientSampleId :

VPB182-HYD-20250530

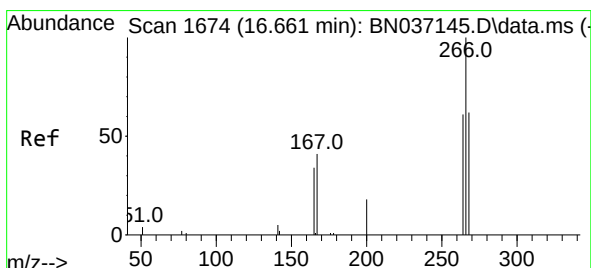
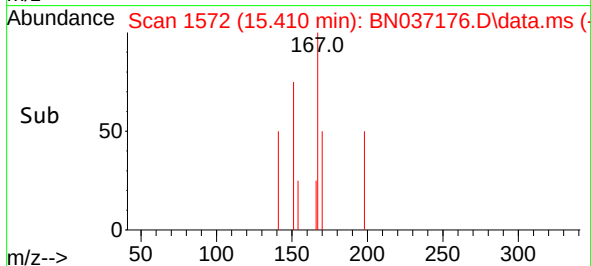
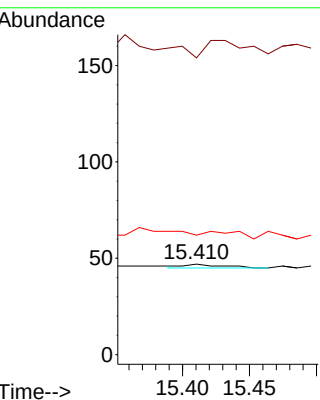
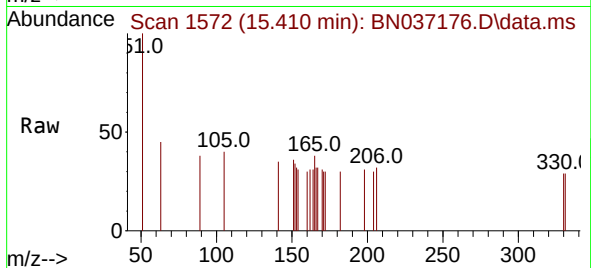
Tgt Ion:198 Resp: 4

Ion Ratio Lower Upper

198 100

51 327.7 125.2 187.8#

105 131.9 57.1 85.7#



#24

Pentachlorophenol

Concen: 0.232 ng

RT: 16.649 min Scan# 1673

Delta R.T. -0.012 min

Lab File: BN037176.D

Acq: 05 Jun 2025 12:08

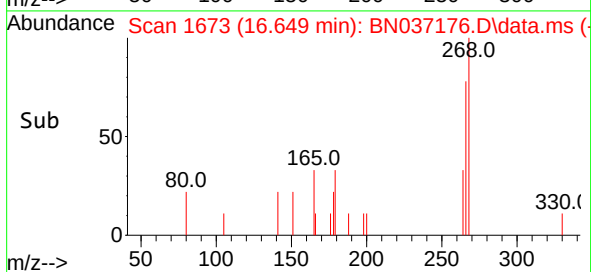
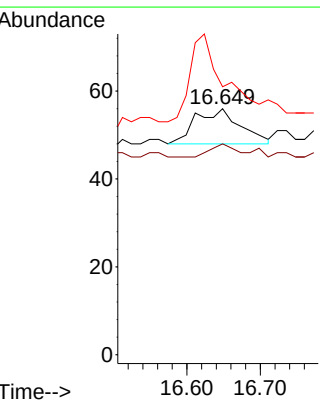
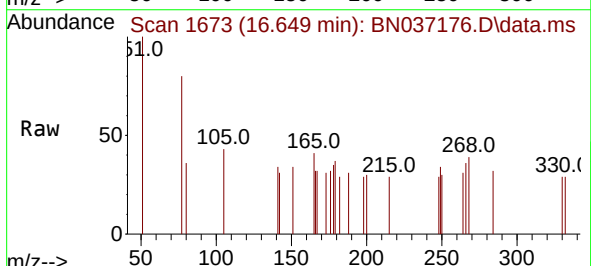
Tgt Ion:266 Resp: 34

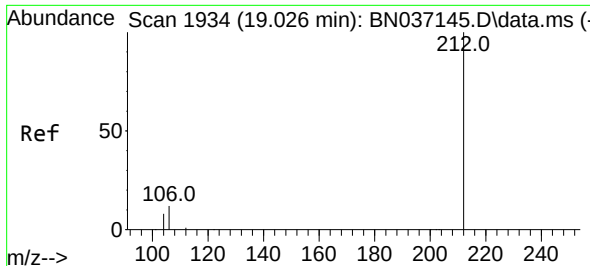
Ion Ratio Lower Upper

266 100

264 29.4 49.3 73.9#

268 0.0 49.0 73.4#

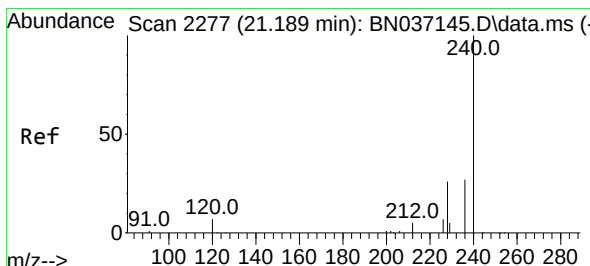
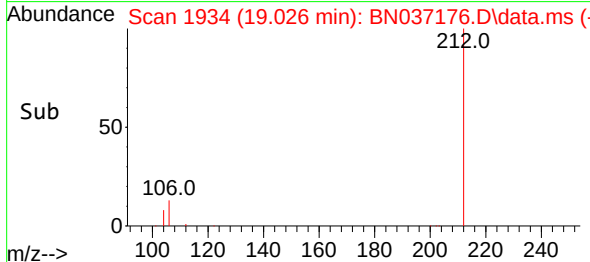
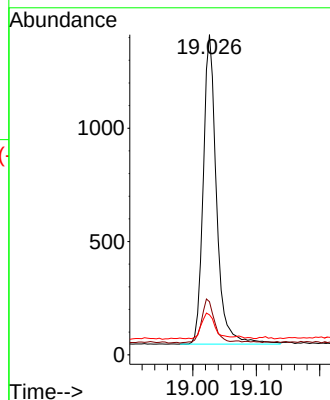
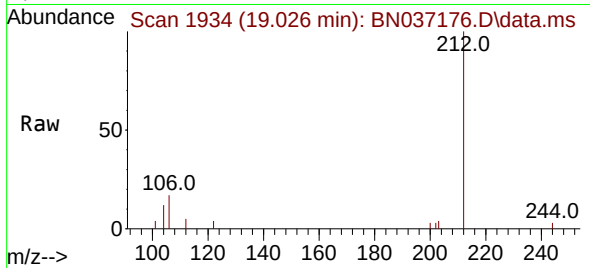




#27
Fluoranthene-d10
Concen: 0.166 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037176.D
Acq: 05 Jun 2025 12:08

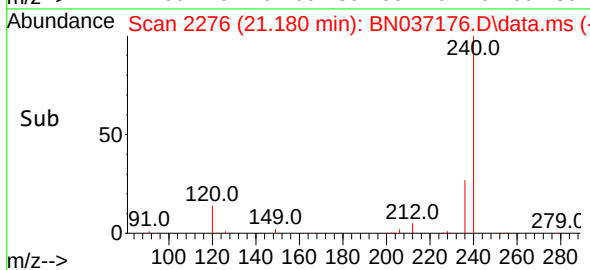
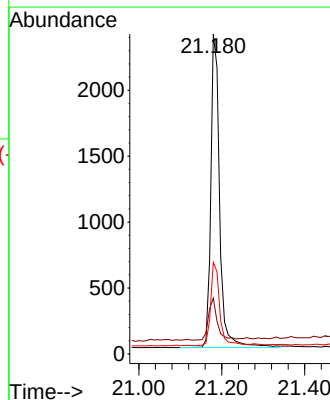
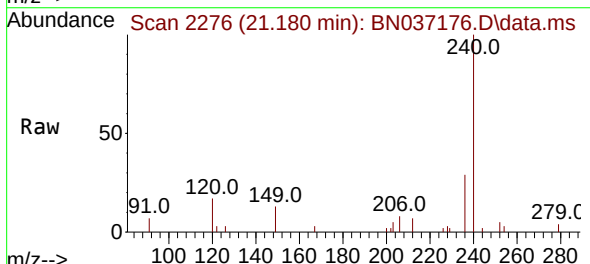
Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250530

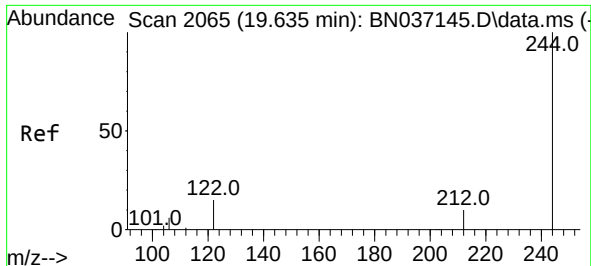
Tgt Ion:212 Resp: 1985
Ion Ratio Lower Upper
212 100
106 13.8 10.6 15.8
104 8.3 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.009 min
Lab File: BN037176.D
Acq: 05 Jun 2025 12:08

Tgt Ion:240 Resp: 3527
Ion Ratio Lower Upper
240 100
120 17.5 9.0 13.4#
236 28.6 23.0 34.4

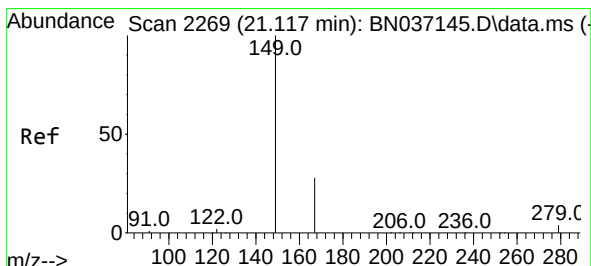
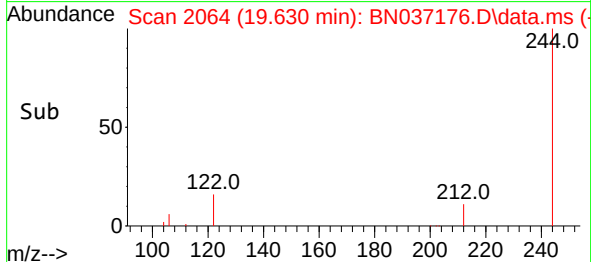
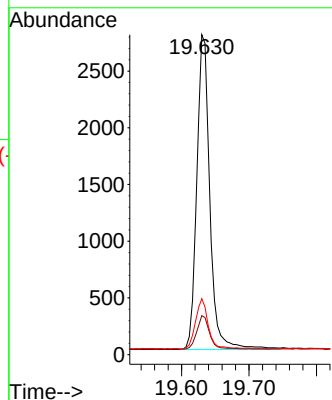
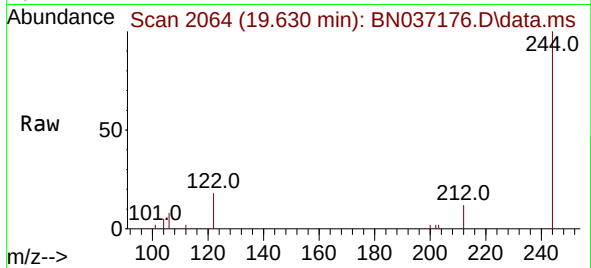




#31
 Terphenyl-d14
 Concen: 0.449 ng
 RT: 19.630 min Scan# 2065
 Delta R.T. -0.005 min
 Lab File: BN037176.D
 Acq: 05 Jun 2025 12:08

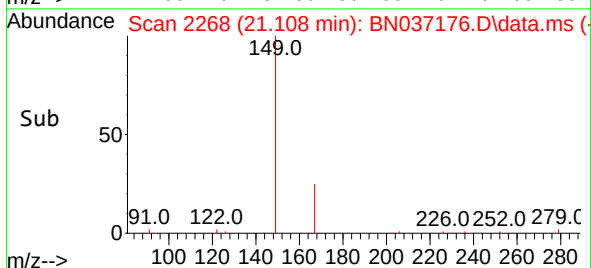
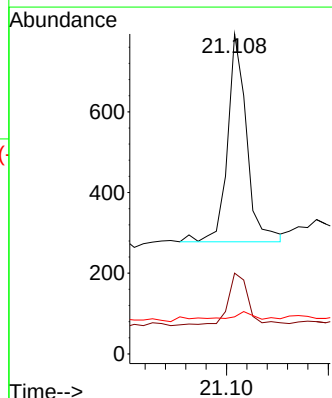
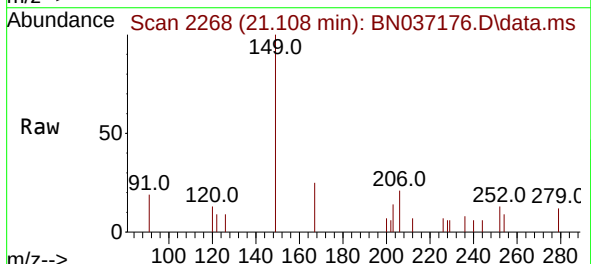
Instrument :
 BNA_N
 ClientSampleId :
 VPB182-HYD-20250530

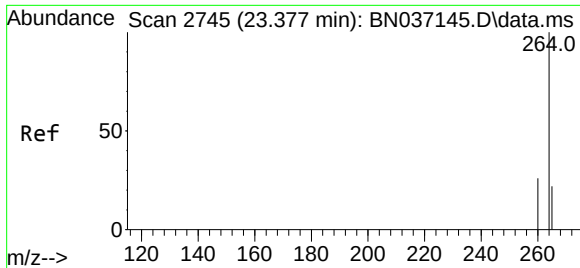
Tgt Ion:244 Resp: 3730
 Ion Ratio Lower Upper
 244 100
 212 12.2 10.0 15.0
 122 17.5 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.083 ng
 RT: 21.108 min Scan# 2268
 Delta R.T. -0.009 min
 Lab File: BN037176.D
 Acq: 05 Jun 2025 12:08

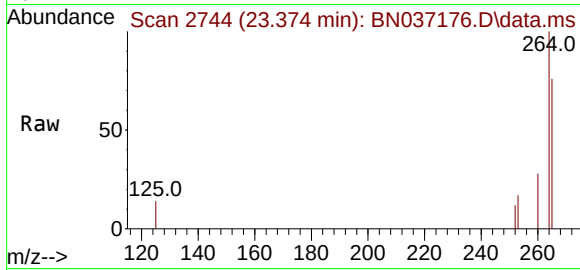
Tgt Ion:149 Resp: 672
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 2.7 2.9 4.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.374 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN037176.D
Acq: 05 Jun 2025 12:08

Instrument :
BNA_N
ClientSampleId :
VPB182-HYD-20250530



Tgt Ion:264 Resp: 3289

Ion	Ratio	Lower	Upper
264	100		
260	28.4	22.1	33.1
265	75.6	55.8	83.8

