

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
 Data File : BN036313.D
 Acq On : 06 Feb 2025 00:46
 Operator : RC/JU
 Sample : Q1250-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-DUP-20250128

Quant Time: Feb 06 01:23:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 01:04:09 2025
 Response via : Initial Calibration

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

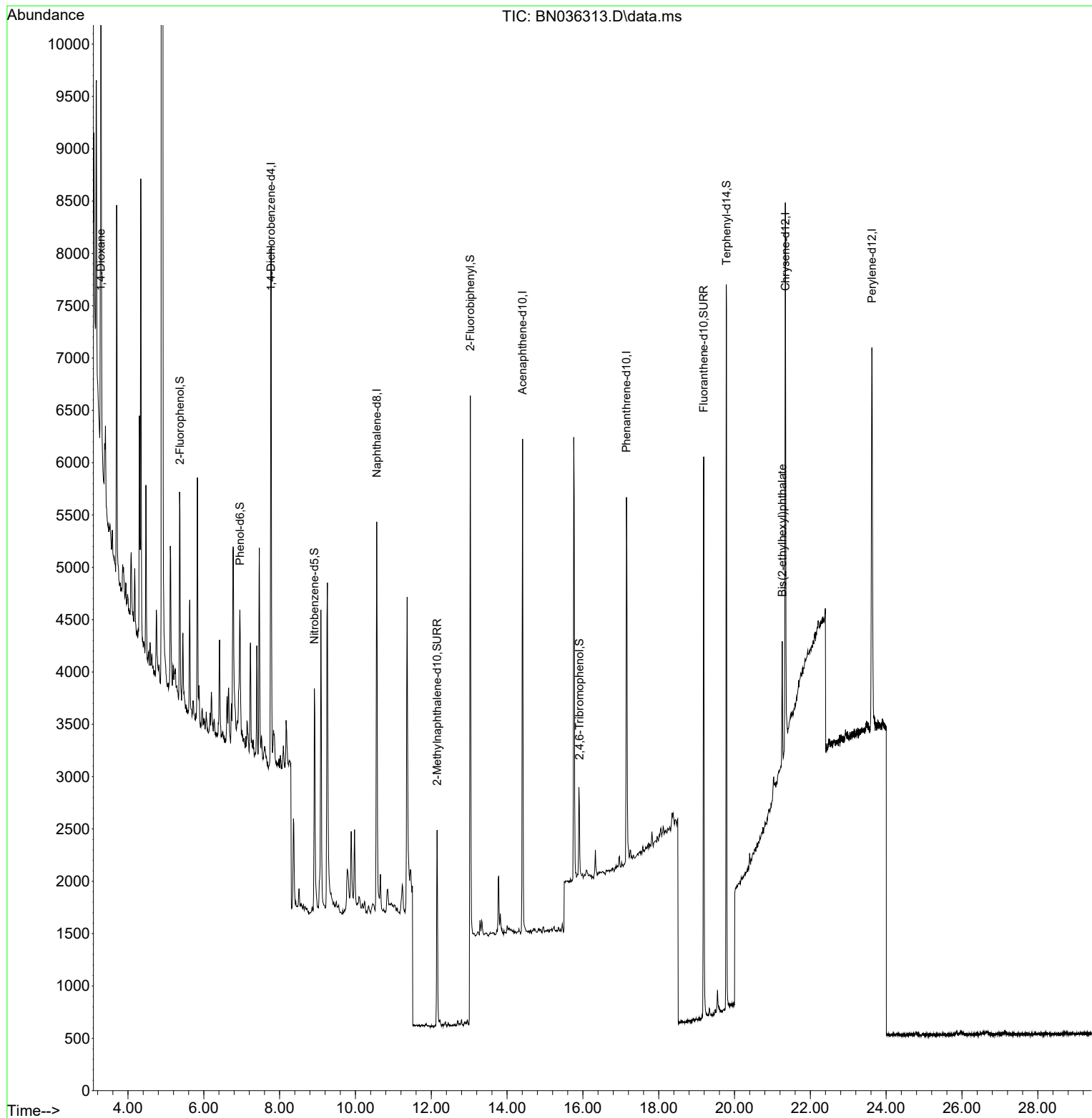
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2251	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5091	0.400	ng	# 0.00
13) Acenaphthene-d10	14.409	164	2666	0.400	ng	0.00
19) Phenanthrene-d10	17.149	188	5297	0.400	ng	-0.01
29) Chrysene-d12	21.340	240	4839	0.400	ng	0.00
35) Perylene-d12	23.625	264	5192	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	1388	0.237	ng	0.00
5) Phenol-d6	6.952	99	1140	0.166	ng	0.00
8) Nitrobenzene-d5	8.918	82	1860	0.387	ng	-0.01
11) 2-Methylnaphthalene-d10	12.157	152	2700	0.390	ng	0.00
14) 2,4,6-Tribromophenol	15.907	330	496	0.290	ng	0.00
15) 2-Fluorobiphenyl	13.030	172	3698	0.311	ng	-0.01
27) Fluoranthene-d10	19.188	212	6275	0.457	ng	0.00
31) Terphenyl-d14	19.787	244	6710	0.668	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.283	88	6563	2.608	ng	97
34) Bis(2-ethylhexyl)phtha...	21.259	149	1061	0.110	ng	# 95

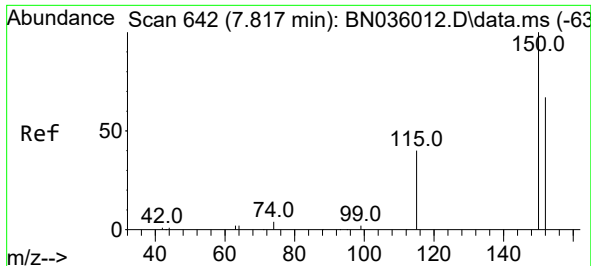
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
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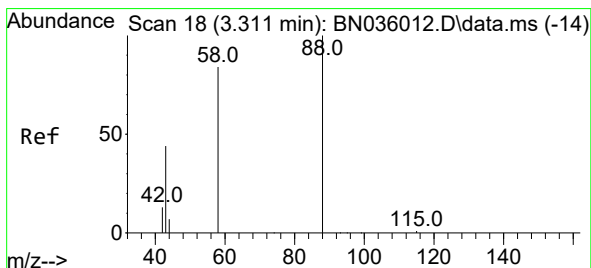
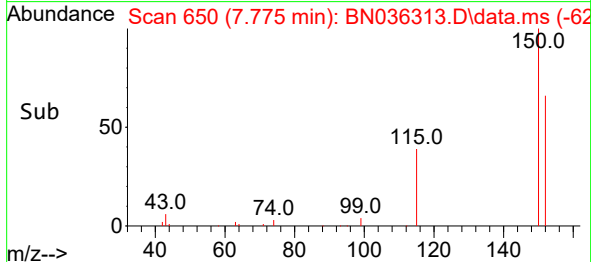
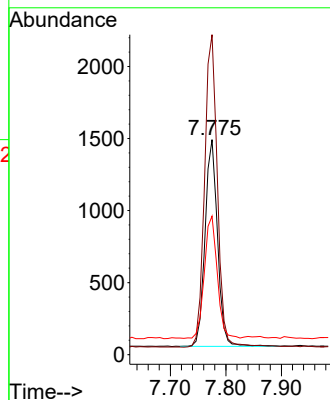
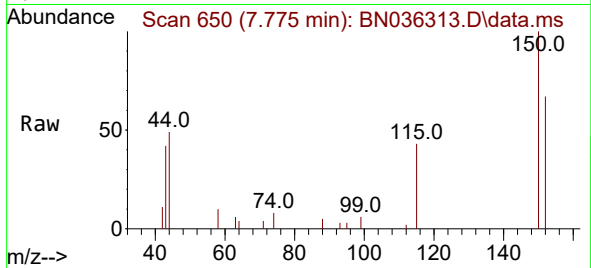




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN036313.D
Acq: 06 Feb 2025 00:46

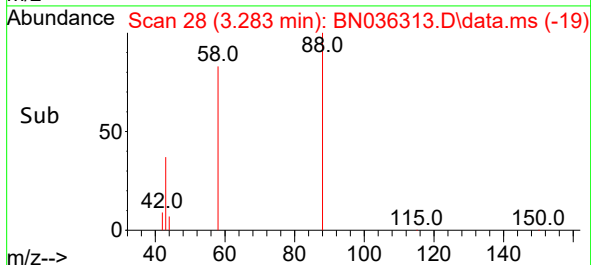
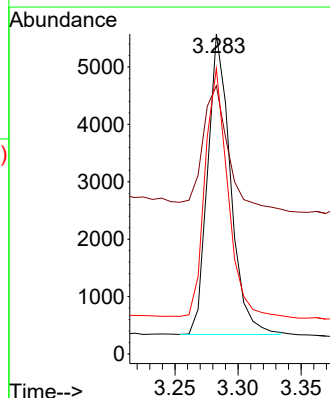
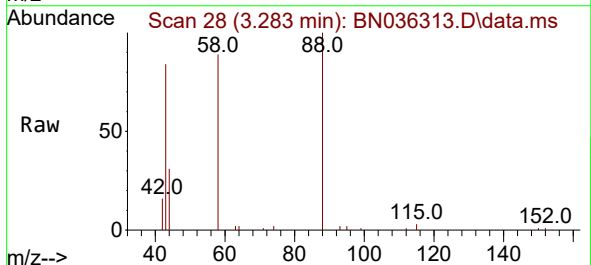
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-DUP-20250128

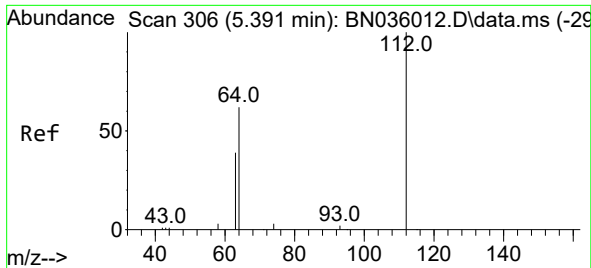
Tgt Ion:152 Resp: 2251
Ion Ratio Lower Upper
152 100
150 148.9 117.4 176.2
115 64.4 51.0 76.4



#2
1,4-Dioxane
Concen: 2.608 ng
RT: 3.283 min Scan# 28
Delta R.T. -0.007 min
Lab File: BN036313.D
Acq: 06 Feb 2025 00:46

Tgt Ion: 88 Resp: 6563
Ion Ratio Lower Upper
88 100
43 44.6 38.5 57.7
58 81.9 66.6 99.8

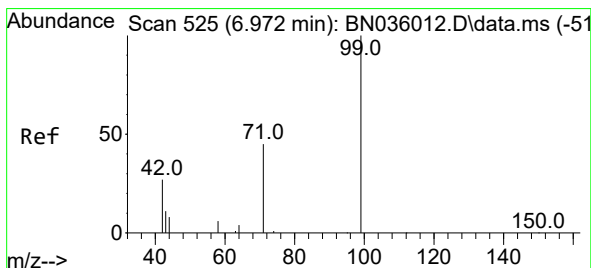
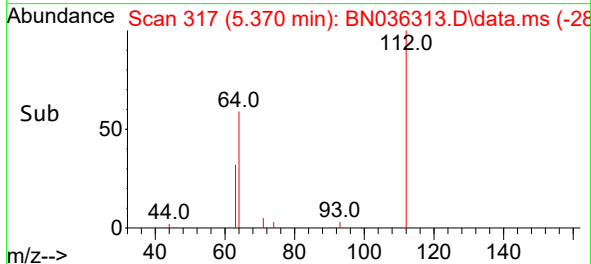
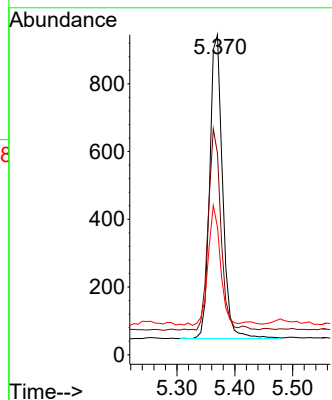
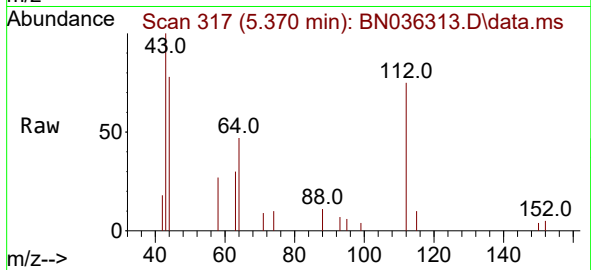




#4
2-Fluorophenol
Concen: 0.237 ng
RT: 5.370 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN036313.D
Acq: 06 Feb 2025 00:46

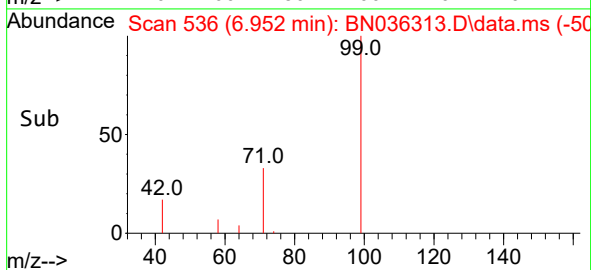
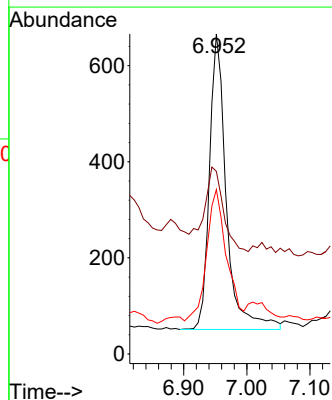
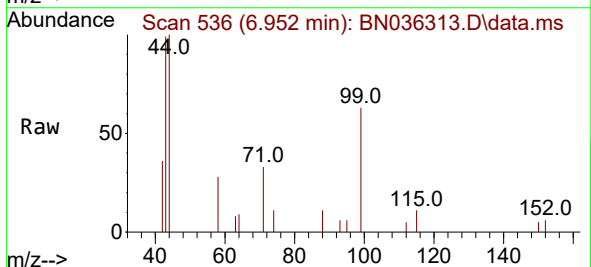
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-DUP-20250128

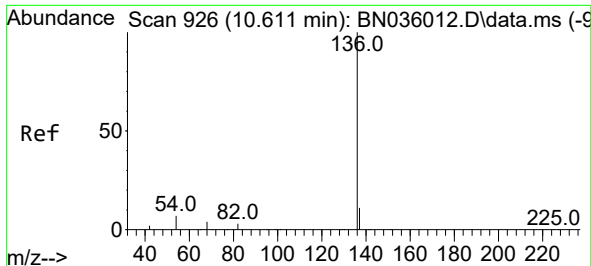
Tgt Ion:112 Resp: 1388
Ion Ratio Lower Upper
112 100
64 63.8 50.0 75.0
63 37.4 30.7 46.1



#5
Phenol-d6
Concen: 0.166 ng
RT: 6.952 min Scan# 536
Delta R.T. -0.000 min
Lab File: BN036313.D
Acq: 06 Feb 2025 00:46

Tgt Ion: 99 Resp: 1140
Ion Ratio Lower Upper
99 100
42 32.8 26.8 40.2
71 52.6 36.6 55.0

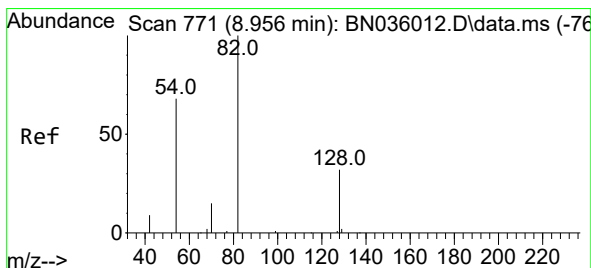
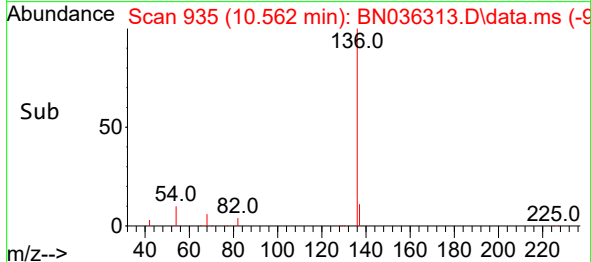
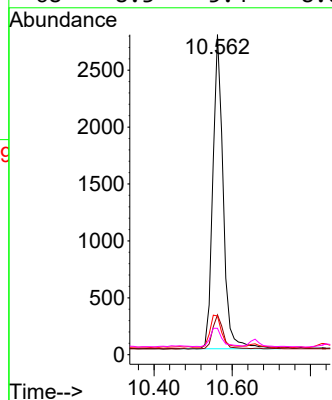
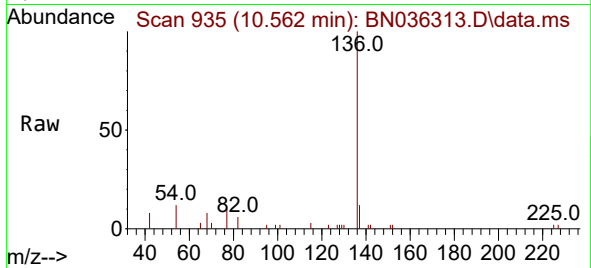




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036313.D
Acq: 06 Feb 2025 00:46

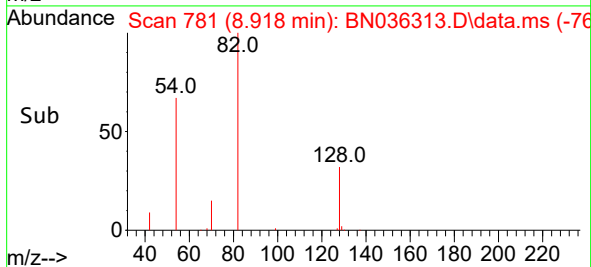
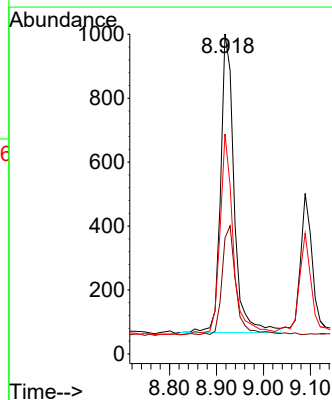
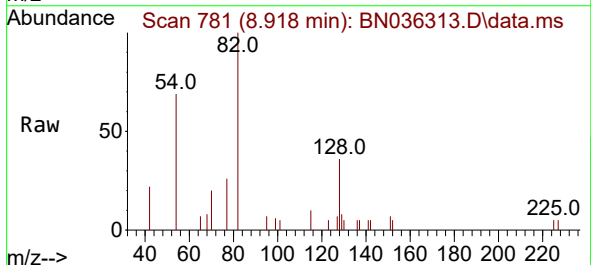
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-DUP-20250128

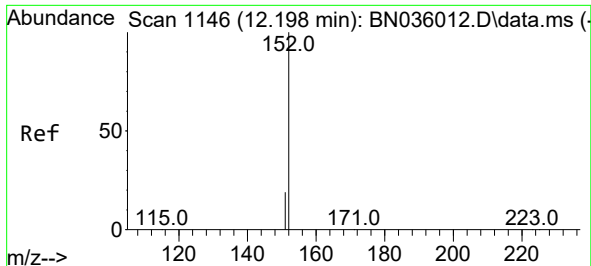
Tgt Ion:	136	Resp:	5091
Ion	Ratio	Lower	Upper
136	100		
137	12.4	10.4	15.6
54	12.1	7.7	11.5#
68	8.3	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN036313.D
Acq: 06 Feb 2025 00:46

Tgt Ion:	82	Resp:	1860
Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.8	43.2
54	68.7	55.8	83.8

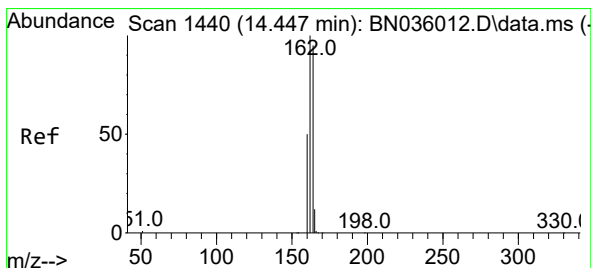
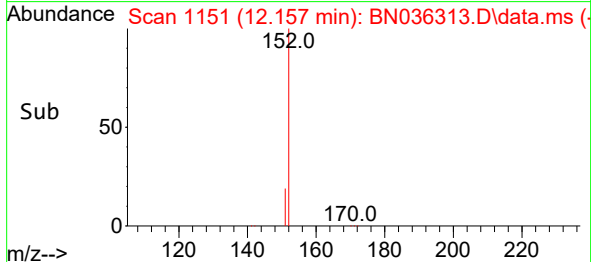
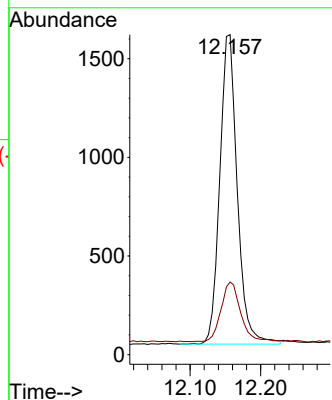
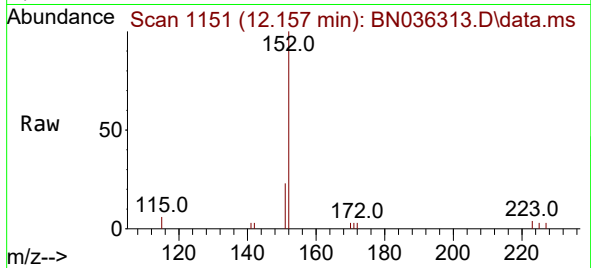




#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.157 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BN036313.D
Acq: 06 Feb 2025 00:46

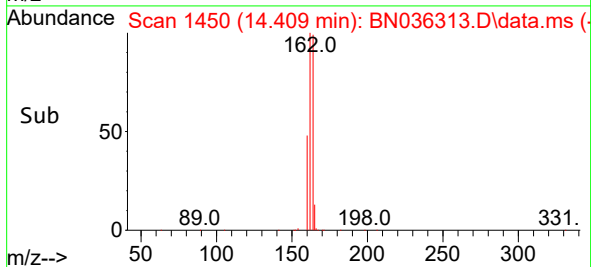
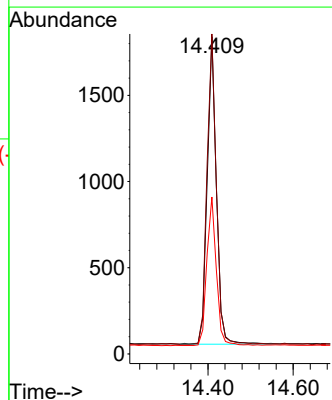
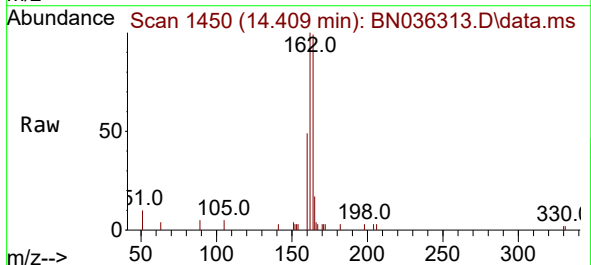
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-DUP-20250128

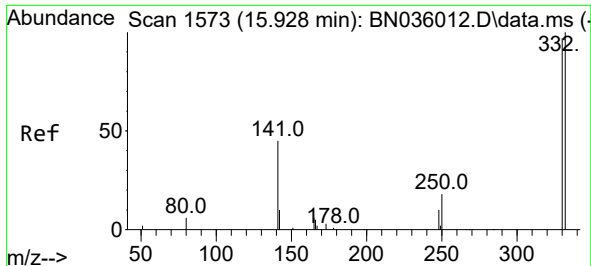
Tgt Ion:152 Resp: 2700
Ion Ratio Lower Upper
152 100
151 21.4 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.409 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BN036313.D
Acq: 06 Feb 2025 00:46

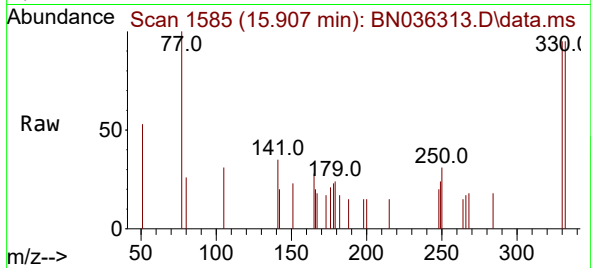
Tgt Ion:164 Resp: 2666
Ion Ratio Lower Upper
164 100
162 100.9 84.1 126.1
160 49.5 43.8 65.8



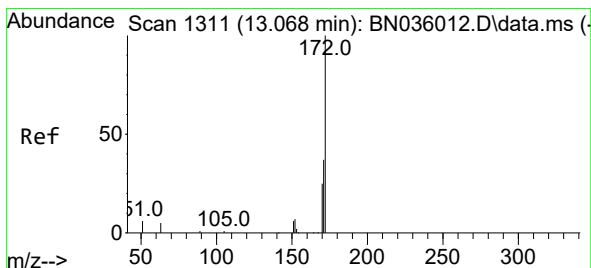
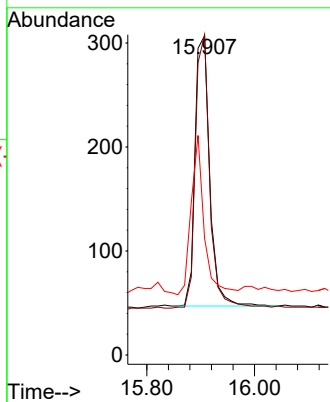
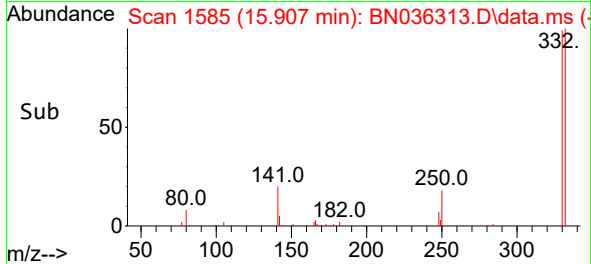


#14
2,4,6-Tribromophenol
Concen: 0.290 ng
RT: 15.907 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BN036313.D
Acq: 06 Feb 2025 00:46

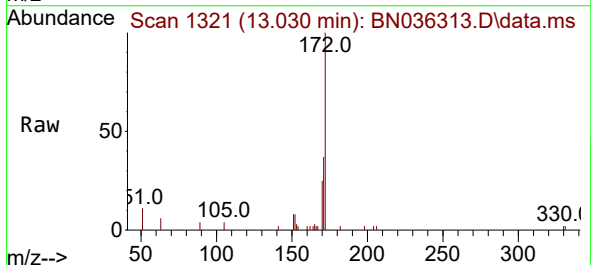
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-DUP-20250128



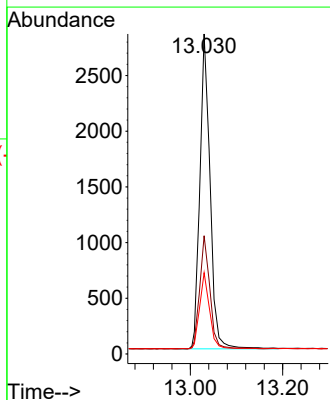
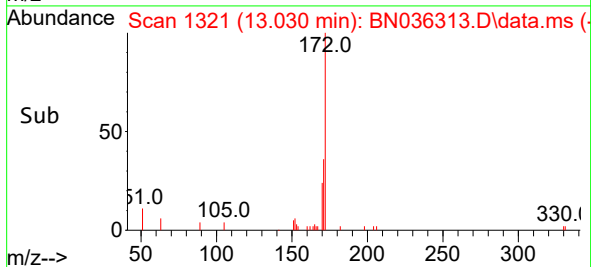
Tgt Ion:330 Resp: 496
Ion Ratio Lower Upper
330 100
332 99.2 81.0 121.4
141 51.8 36.7 55.1

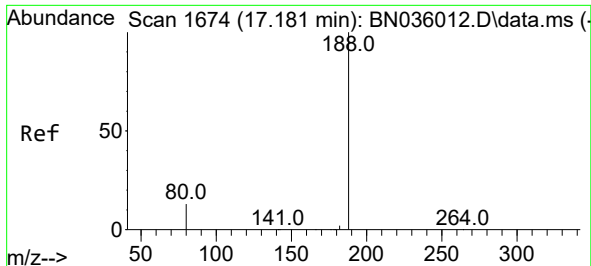


#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 13.030 min Scan# 1321
Delta R.T. -0.011 min
Lab File: BN036313.D
Acq: 06 Feb 2025 00:46



Tgt Ion:172 Resp: 3698
Ion Ratio Lower Upper
172 100
171 37.0 30.9 46.3
170 25.4 21.2 31.8

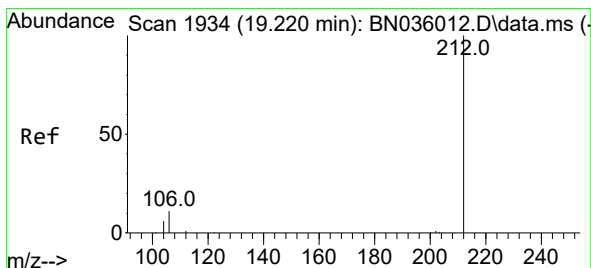
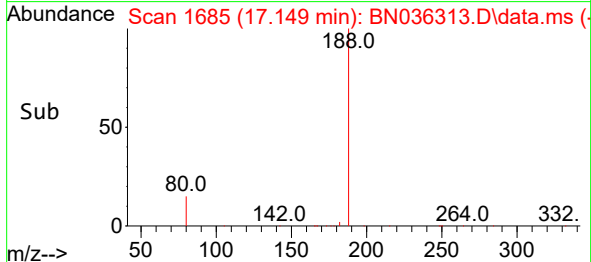
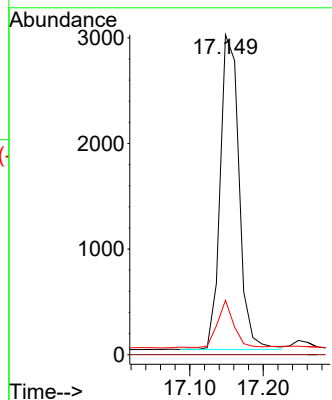
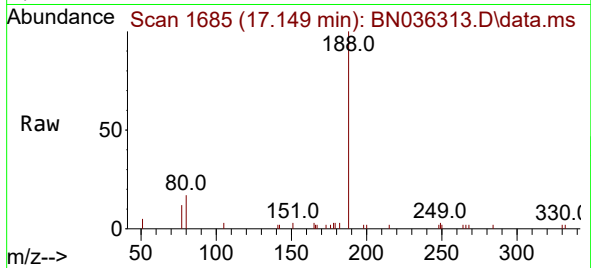




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.149 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN036313.D
Acq: 06 Feb 2025 00:46

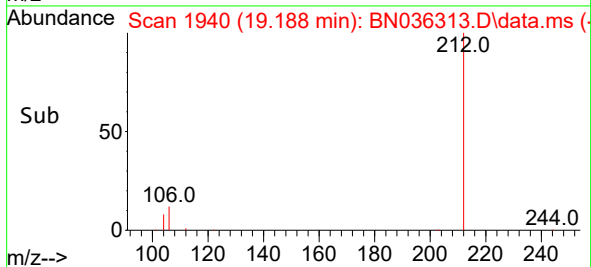
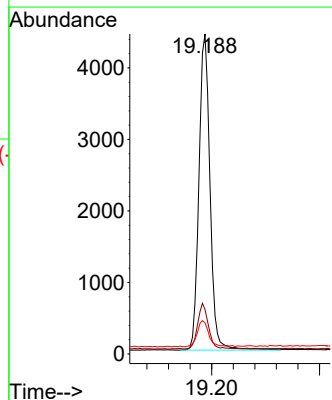
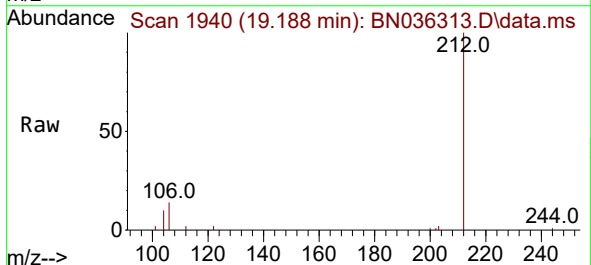
Instrument :
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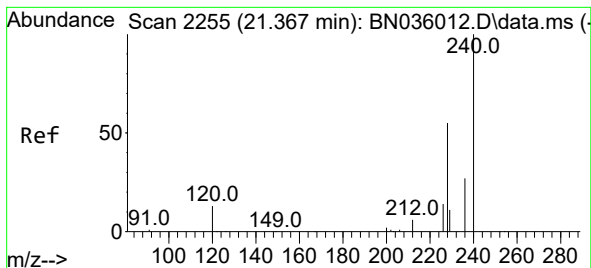
Tgt Ion:188 Resp: 5297
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.0 12.3 18.5



#27
Fluoranthene-d10
Concen: 0.457 ng
RT: 19.188 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN036313.D
Acq: 06 Feb 2025 00:46

Tgt Ion:212 Resp: 6275
Ion Ratio Lower Upper
212 100
106 13.9 9.7 14.5
104 8.5 6.0 9.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.340 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036313.D

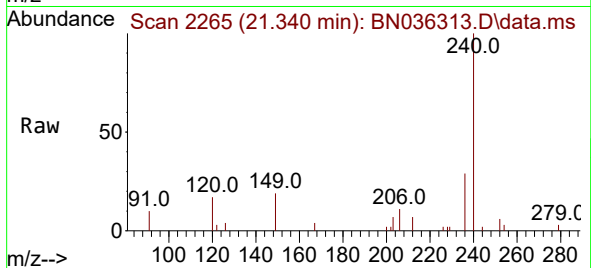
Acq: 06 Feb 2025 00:46

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-DUP-20250128



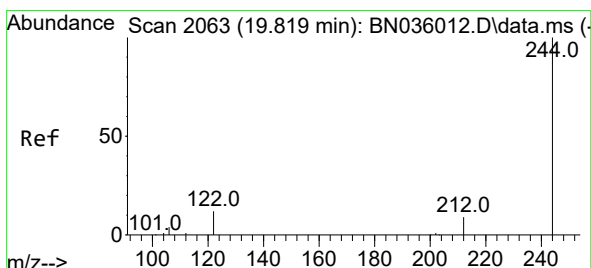
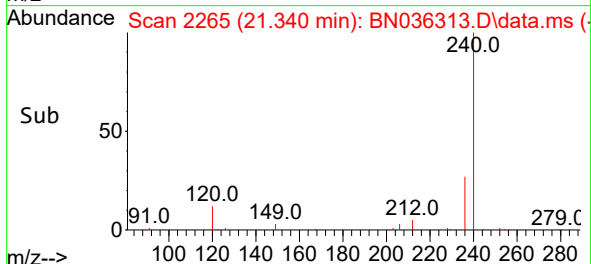
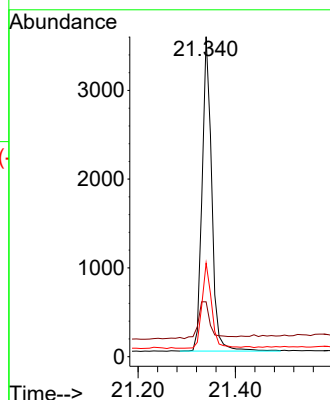
Tgt Ion:240 Resp: 4839

Ion Ratio Lower Upper

240 100

120 17.1 13.9 20.9

236 29.3 23.7 35.5



#31

Terphenyl-d14

Concen: 0.668 ng

RT: 19.787 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BN036313.D

Acq: 06 Feb 2025 00:46

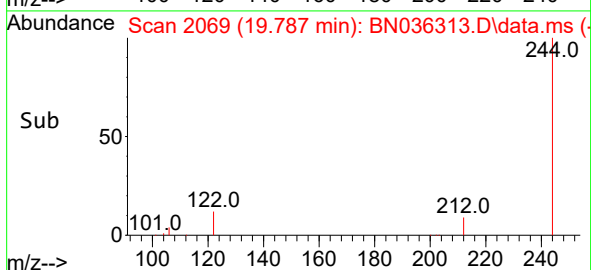
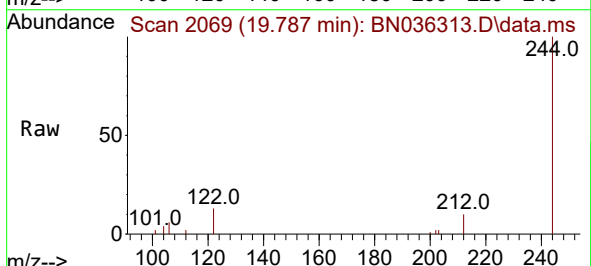
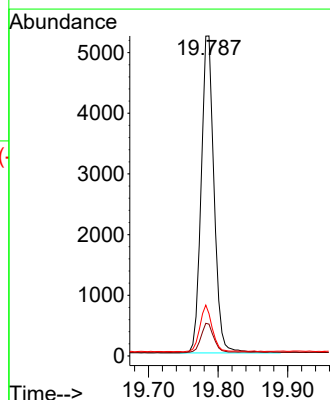
Tgt Ion:244 Resp: 6710

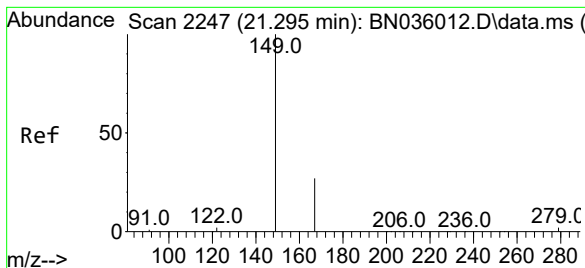
Ion Ratio Lower Upper

244 100

212 10.0 9.1 13.7

122 13.2 11.3 16.9

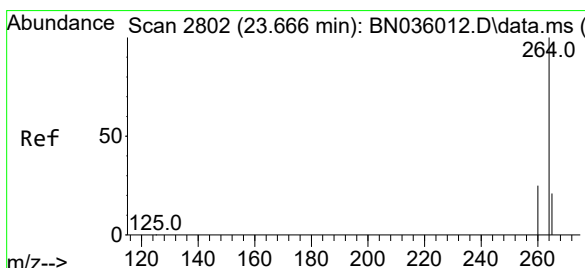
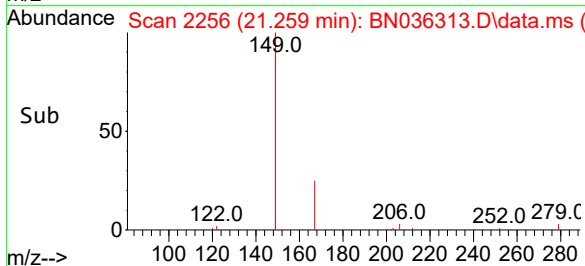
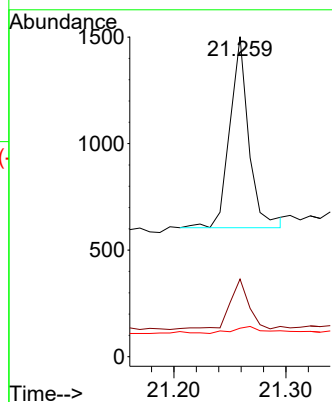
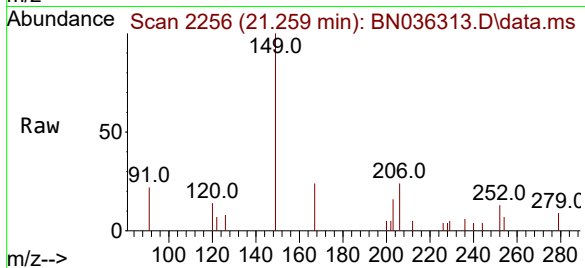




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.110 ng
 RT: 21.259 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN036313.D
 Acq: 06 Feb 2025 00:46

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-DUP-20250128

Tgt Ion:149 Resp: 1061
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.9 32.9
 279 6.8 3.0 4.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.625 min Scan# 2801
 Delta R.T. -0.003 min
 Lab File: BN036313.D
 Acq: 06 Feb 2025 00:46

Tgt Ion:264 Resp: 5192
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.8 32.6
 265 100.2 56.6 84.8#

