

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
 Data File : BN036314.D
 Acq On : 06 Feb 2025 01:22
 Operator : RC/JU
 Sample : Q1250-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-380-382

Quant Time: Feb 06 02:09:07 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)

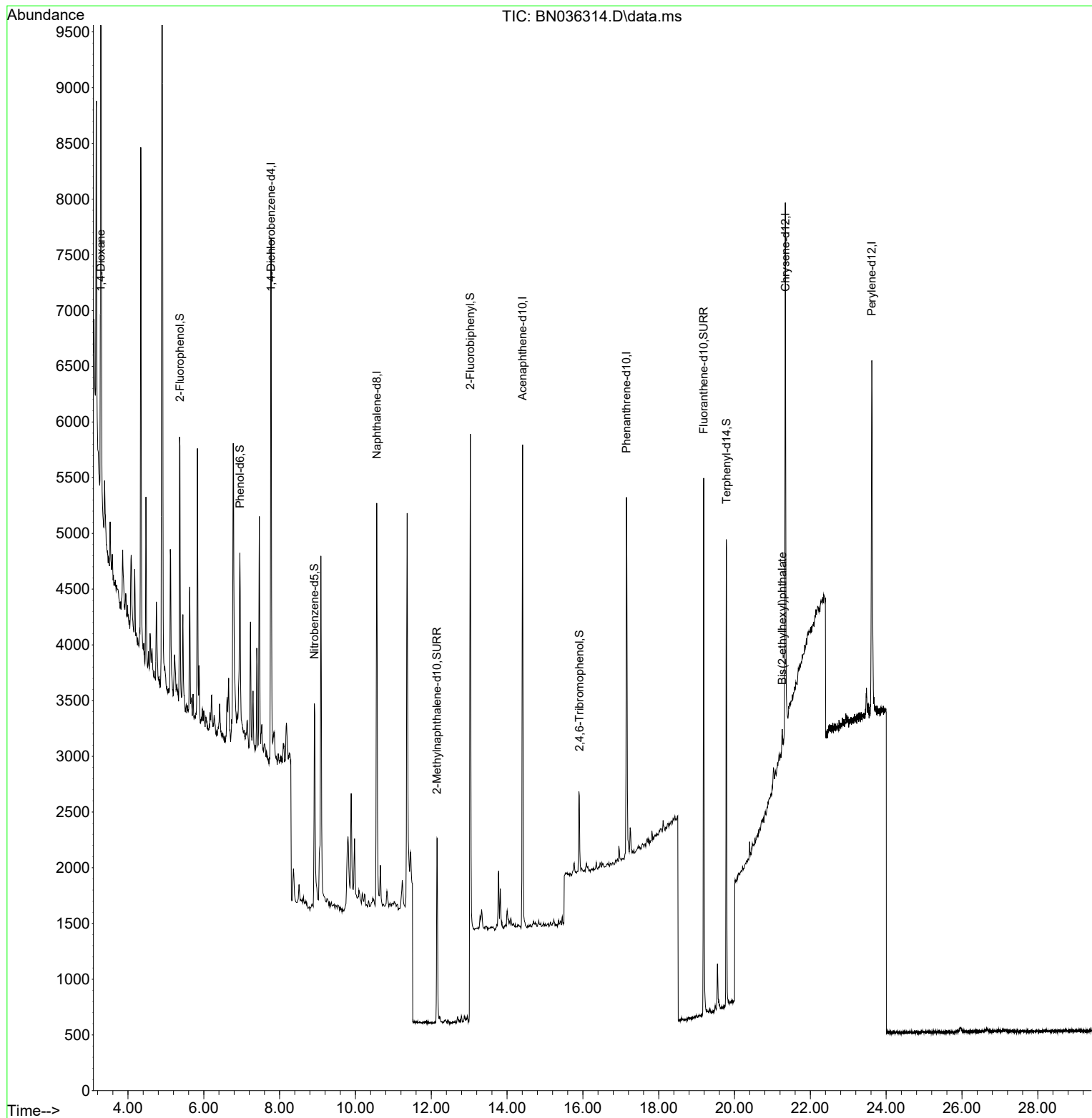
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2134	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	4894	0.400	ng	# 0.00
13) Acenaphthene-d10	14.409	164	2486	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	4846	0.400	ng	-0.01
29) Chrysene-d12	21.339	240	4374	0.400	ng	0.00
35) Perylene-d12	23.621	264	4606	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	1655	0.298	ng	0.00
5) Phenol-d6	6.951	99	1492	0.229	ng	0.00
8) Nitrobenzene-d5	8.918	82	1701	0.368	ng	-0.01
11) 2-Methylnaphthalene-d10	12.151	152	2443	0.367	ng	0.00
14) 2,4,6-Tribromophenol	15.907	330	457	0.287	ng	0.00
15) 2-Fluorobiphenyl	13.030	172	3479	0.314	ng	-0.01
27) Fluoranthene-d10	19.187	212	5471	0.436	ng	0.00
31) Terphenyl-d14	19.787	244	4216	0.464	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.283	88	6041	2.532	ng	97
34) Bis(2-ethylhexyl)phtha...	21.259	149	221	0.025	ng	# 90

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

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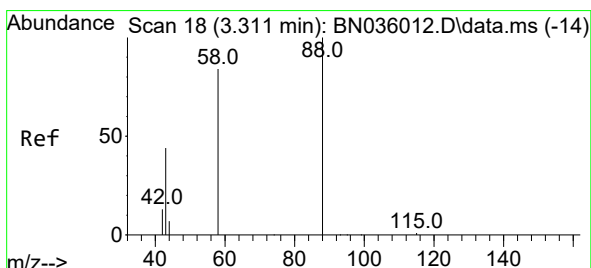
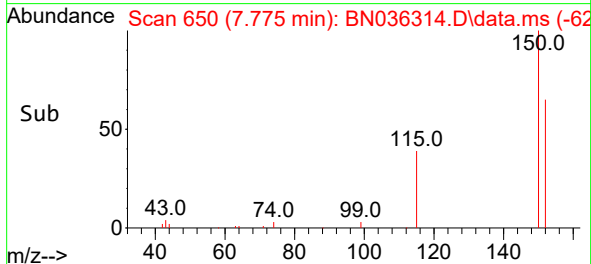
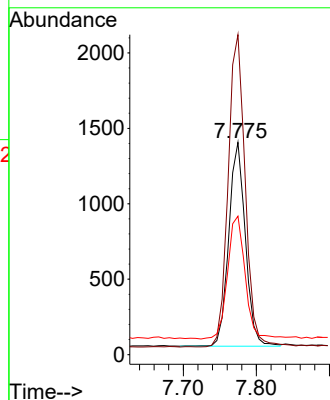
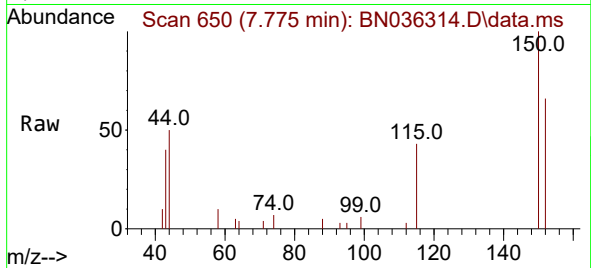




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN036314.D
Acq: 06 Feb 2025 01:22

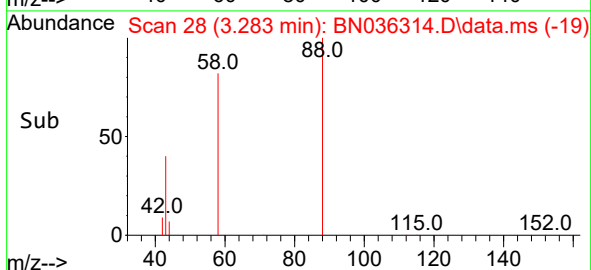
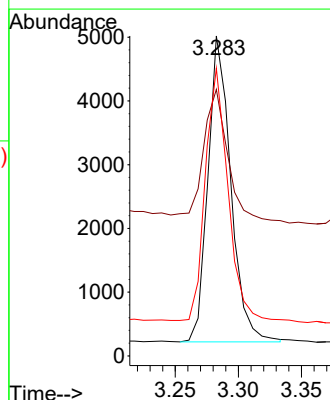
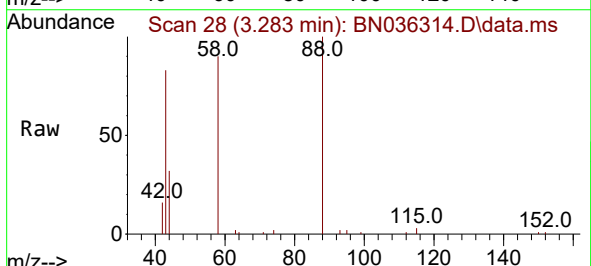
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-380-382

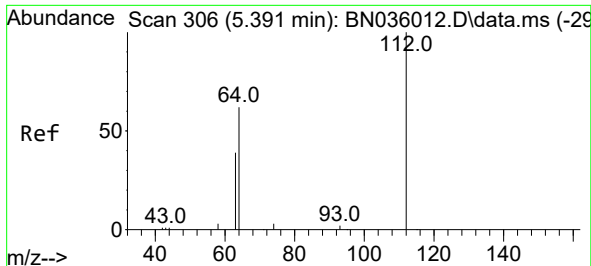
Tgt Ion:152 Resp: 2134
Ion Ratio Lower Upper
152 100
150 150.7 117.4 176.2
115 65.2 51.0 76.4



#2
1,4-Dioxane
Concen: 2.532 ng
RT: 3.283 min Scan# 28
Delta R.T. -0.007 min
Lab File: BN036314.D
Acq: 06 Feb 2025 01:22

Tgt Ion: 88 Resp: 6041
Ion Ratio Lower Upper
88 100
43 45.2 38.5 57.7
58 80.9 66.6 99.8

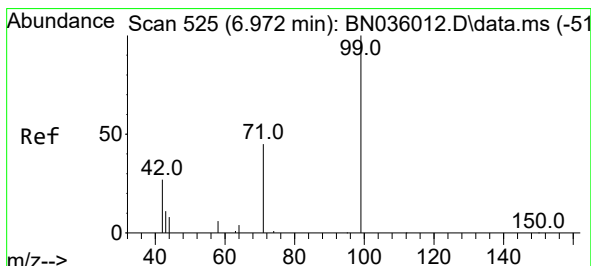
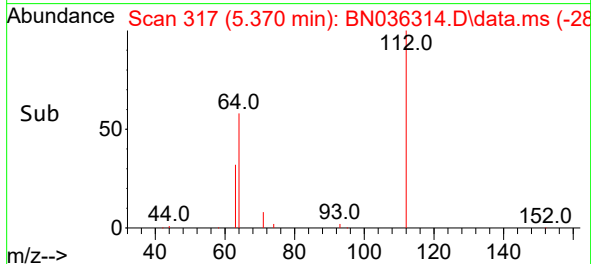
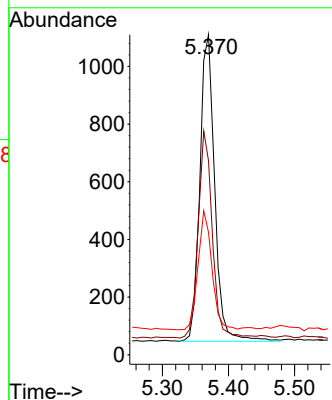
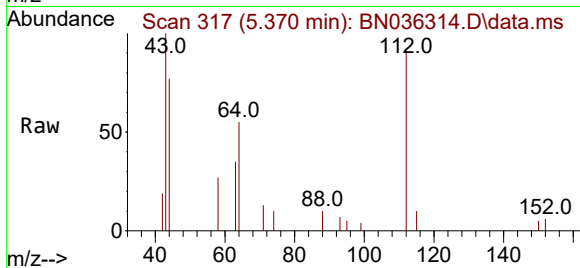




#4
2-Fluorophenol
Concen: 0.298 ng
RT: 5.370 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN036314.D
Acq: 06 Feb 2025 01:22

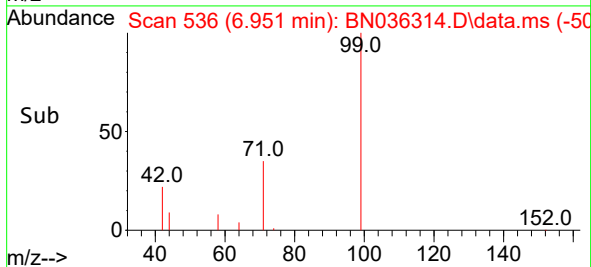
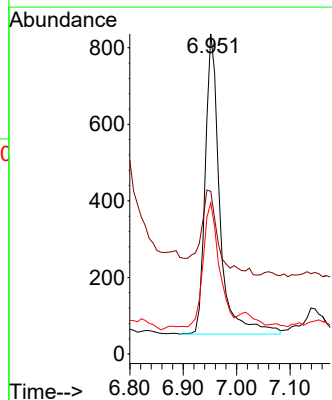
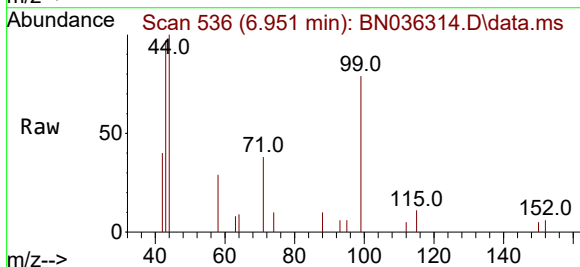
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-380-382

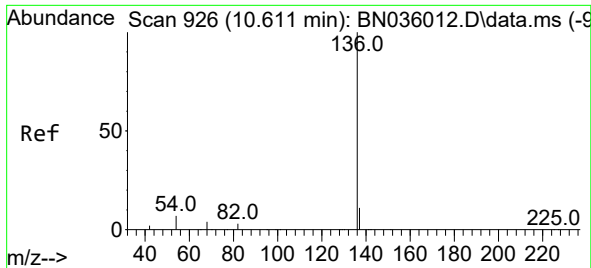
Tgt Ion:112 Resp: 1655
Ion Ratio Lower Upper
112 100
64 64.6 50.0 75.0
63 36.3 30.7 46.1



#5
Phenol-d6
Concen: 0.229 ng
RT: 6.951 min Scan# 536
Delta R.T. -0.000 min
Lab File: BN036314.D
Acq: 06 Feb 2025 01:22

Tgt Ion: 99 Resp: 1492
Ion Ratio Lower Upper
99 100
42 34.3 26.8 40.2
71 45.9 36.6 55.0

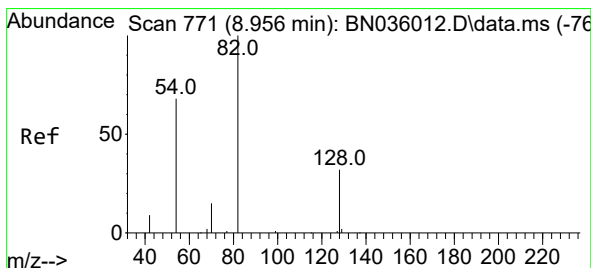
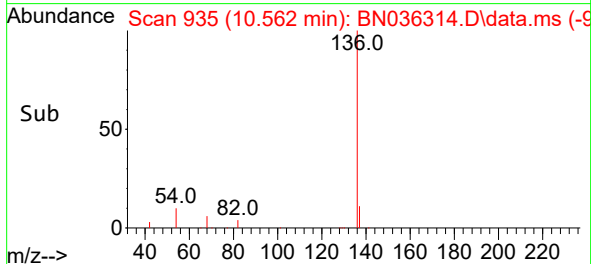
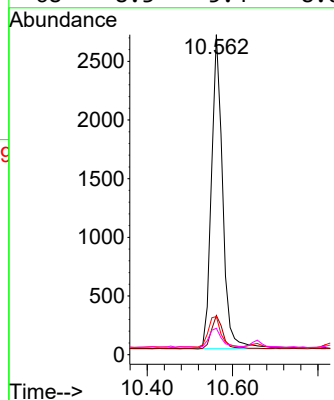
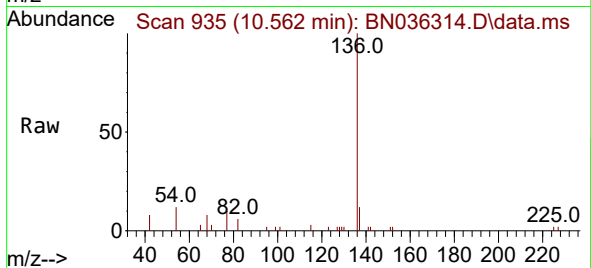




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN036314.D
Acq: 06 Feb 2025 01:22

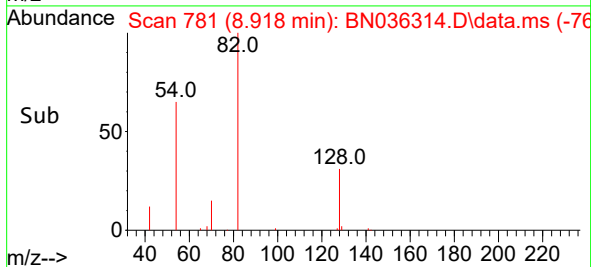
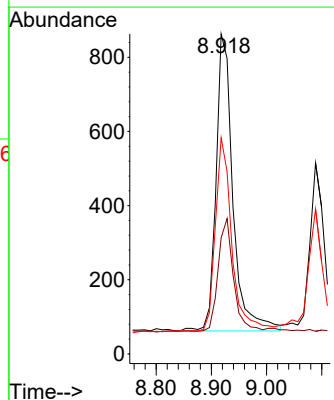
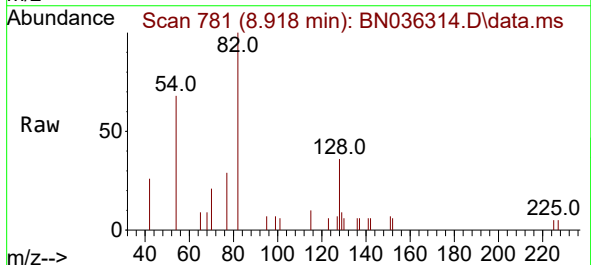
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-380-382

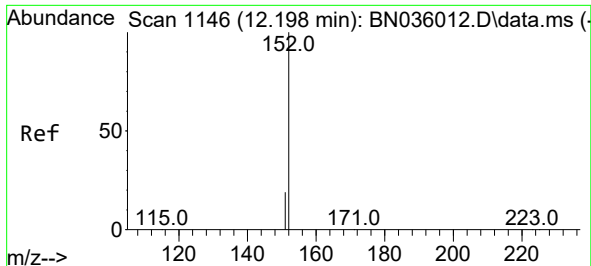
Tgt Ion:	136	Resp:	4894
Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.4	15.6
54	11.9	7.7	11.5#
68	8.3	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.368 ng
RT: 8.918 min Scan# 781
Delta R.T. -0.011 min
Lab File: BN036314.D
Acq: 06 Feb 2025 01:22

Tgt Ion:	82	Resp:	1701
Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.8	43.2
54	67.6	55.8	83.8

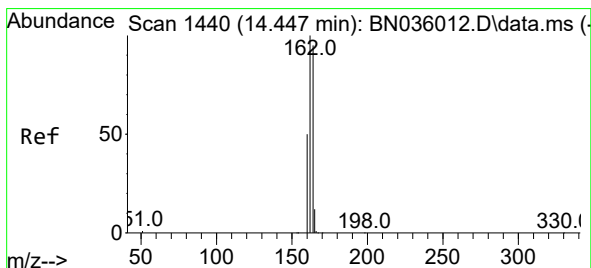
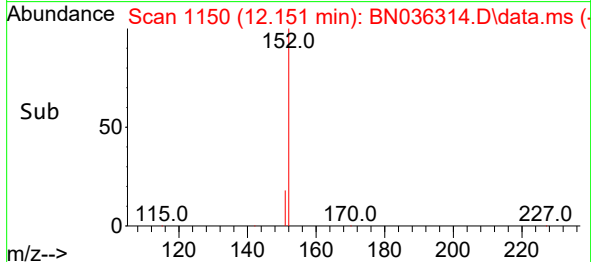
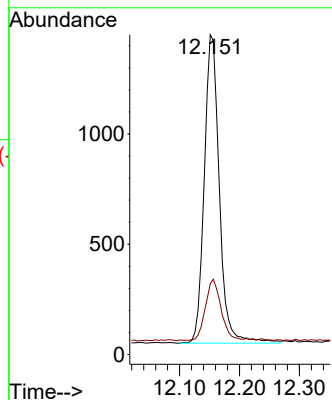
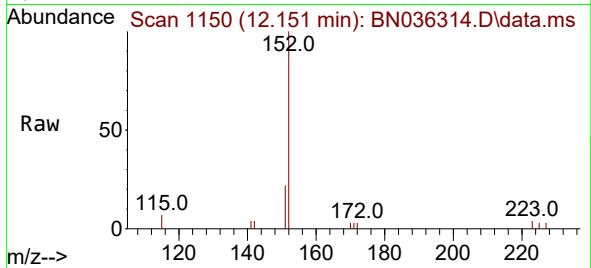




#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 12.151 min Scan# 1146
Delta R.T. -0.005 min
Lab File: BN036314.D
Acq: 06 Feb 2025 01:22

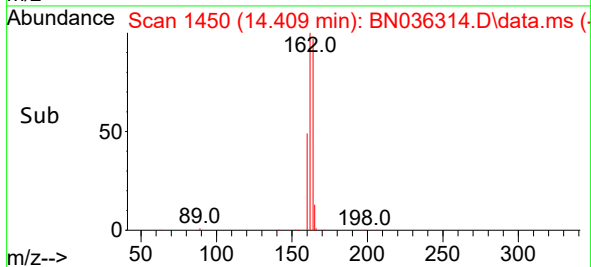
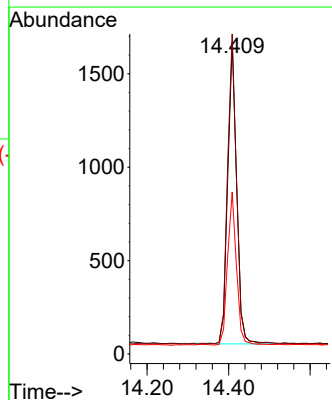
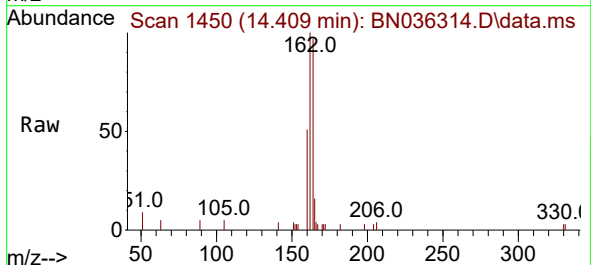
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-380-382

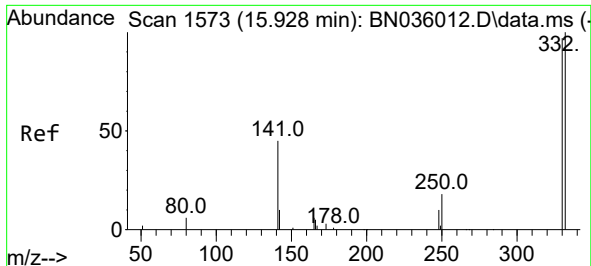
Tgt Ion:152 Resp: 2443
Ion Ratio Lower Upper
152 100
151 20.9 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.409 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BN036314.D
Acq: 06 Feb 2025 01:22

Tgt Ion:164 Resp: 2486
Ion Ratio Lower Upper
164 100
162 102.6 84.1 126.1
160 51.9 43.8 65.8

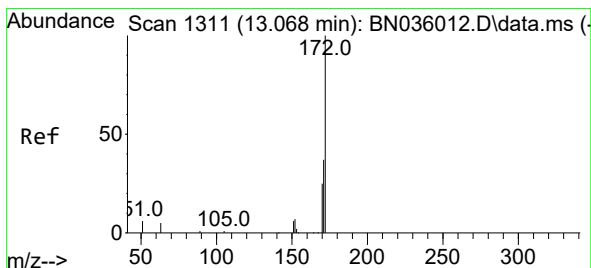
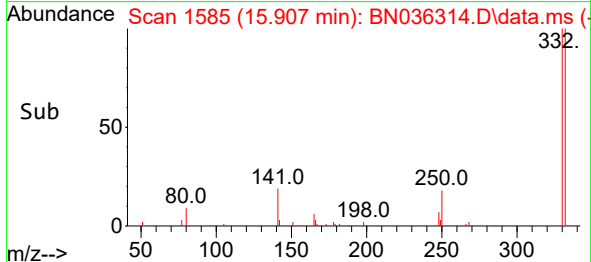
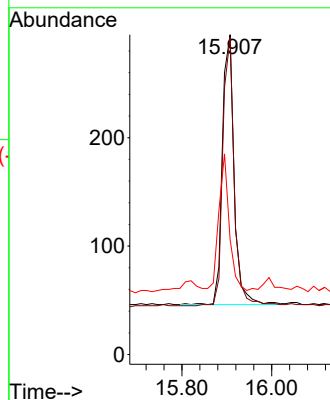
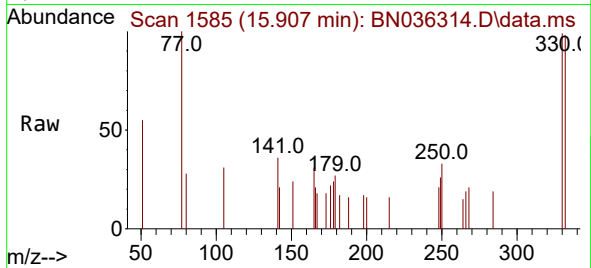




#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 15.907 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036314.D
Acq: 06 Feb 2025 01:22

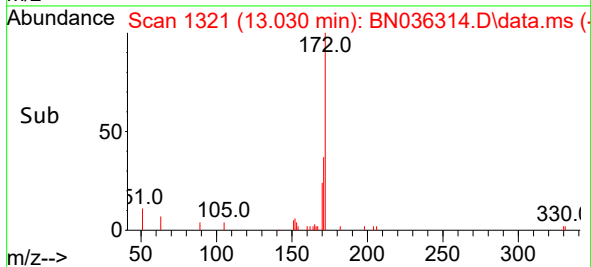
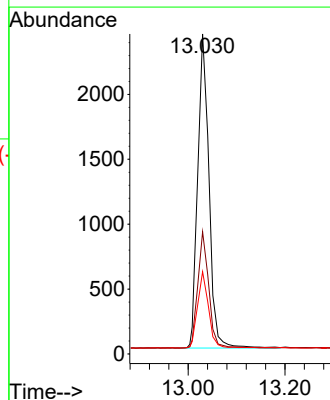
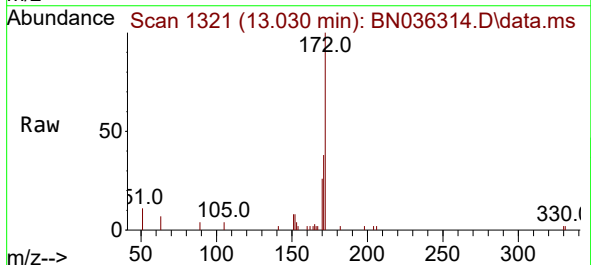
Instrument :
BNA_N
ClientSampleId :
BP-VPB-192-GW-380-382

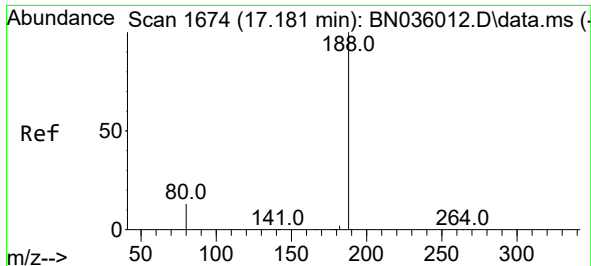
Tgt Ion:330 Resp: 457
Ion Ratio Lower Upper
330 100
332 96.1 81.0 121.4
141 44.2 36.7 55.1



#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.030 min Scan# 1321
Delta R.T. -0.011 min
Lab File: BN036314.D
Acq: 06 Feb 2025 01:22

Tgt Ion:172 Resp: 3479
Ion Ratio Lower Upper
172 100
171 38.2 30.9 46.3
170 25.7 21.2 31.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.148 min Scan# 1

Delta R.T. -0.013 min

Lab File: BN036314.D

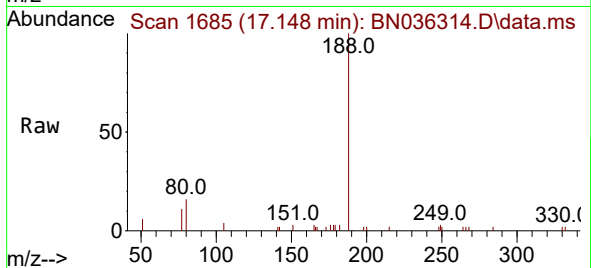
Acq: 06 Feb 2025 01:22

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-380-382



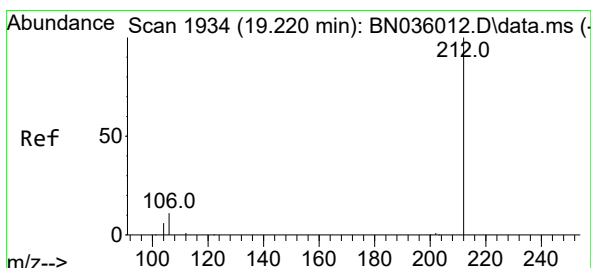
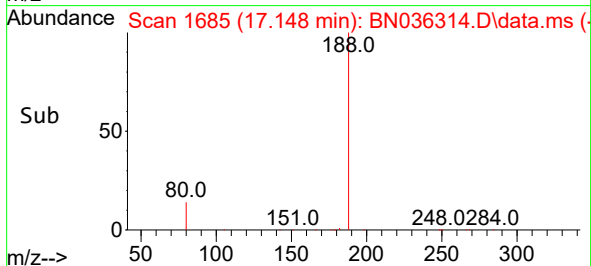
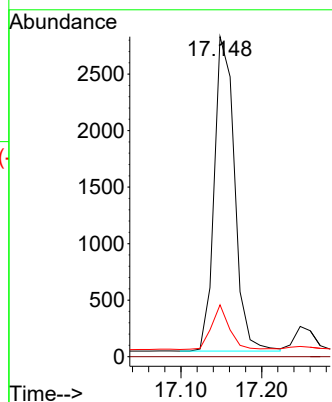
Tgt Ion:188 Resp: 4846

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.2 12.3 18.5



#27

Fluoranthene-d10

Concen: 0.436 ng

RT: 19.187 min Scan# 1940

Delta R.T. -0.000 min

Lab File: BN036314.D

Acq: 06 Feb 2025 01:22

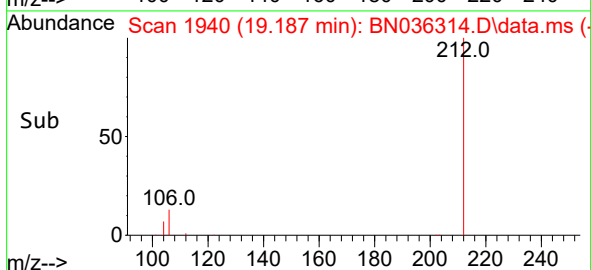
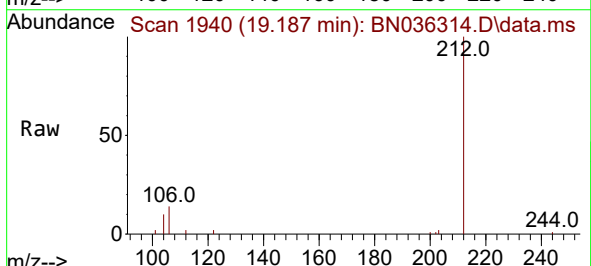
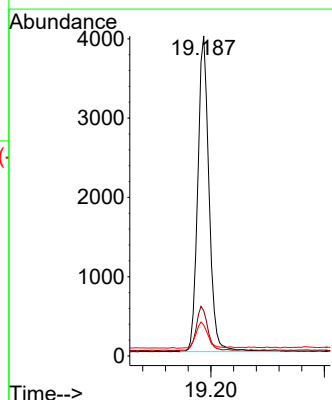
Tgt Ion:212 Resp: 5471

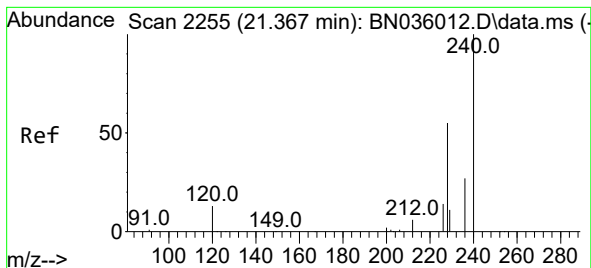
Ion Ratio Lower Upper

212 100

106 14.1 9.7 14.5

104 8.6 6.0 9.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.339 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN036314.D

Acq: 06 Feb 2025 01:22

Instrument :

BNA_N

ClientSampleId :

BP-VPB-192-GW-380-382

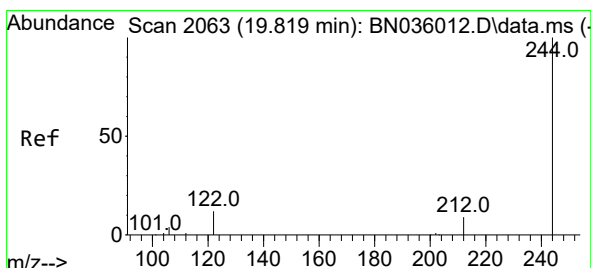
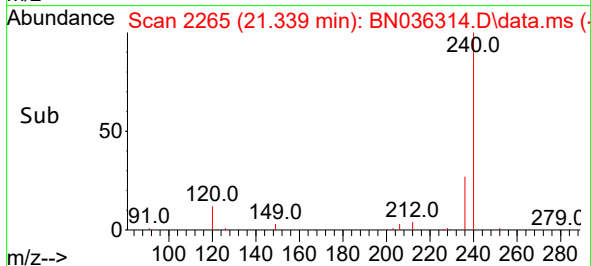
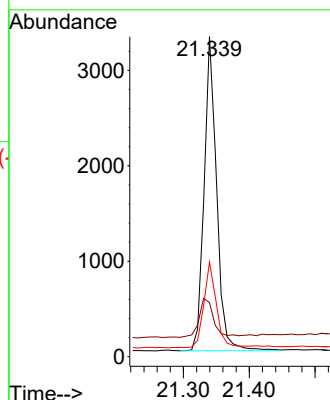
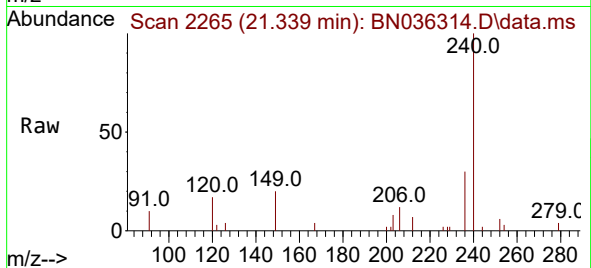
Tgt Ion:240 Resp: 4374

Ion Ratio Lower Upper

240 100

120 16.9 13.9 20.9

236 29.5 23.7 35.5



#31

Terphenyl-d14

Concen: 0.464 ng

RT: 19.787 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BN036314.D

Acq: 06 Feb 2025 01:22

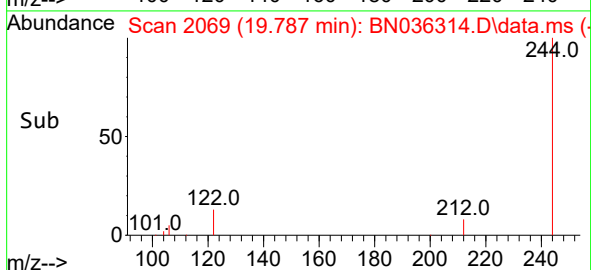
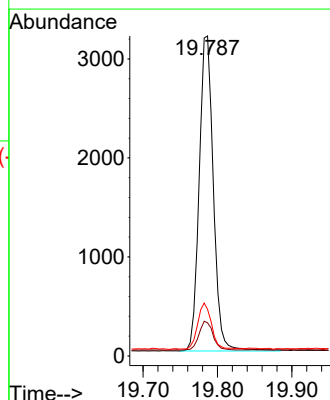
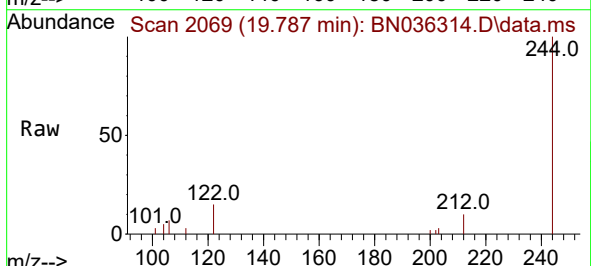
Tgt Ion:244 Resp: 4216

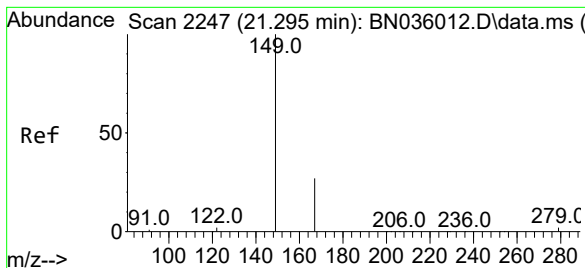
Ion Ratio Lower Upper

244 100

212 10.4 9.1 13.7

122 14.5 11.3 16.9

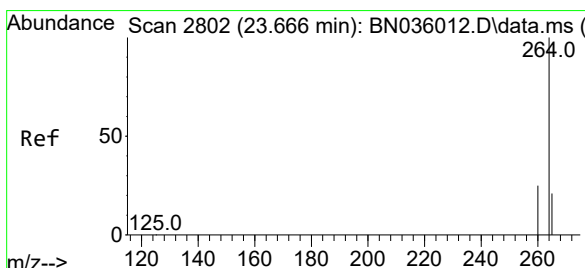
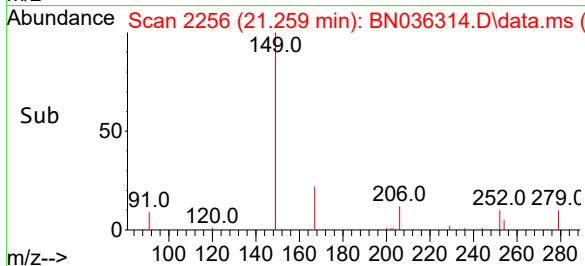
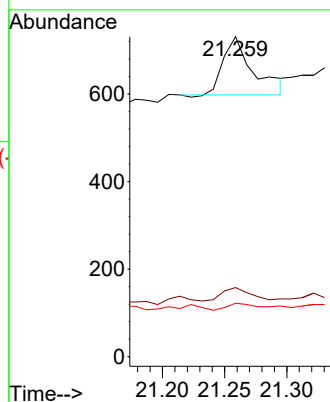
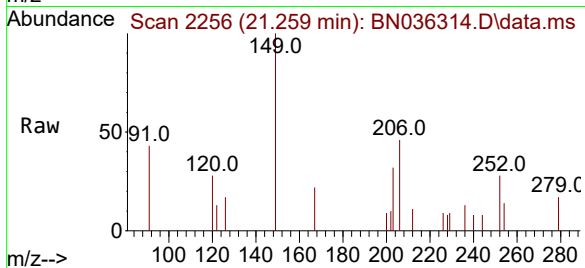




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.025 ng
 RT: 21.259 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN036314.D
 Acq: 06 Feb 2025 01:22

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-192-GW-380-382

Tgt Ion:149 Resp: 221
 Ion Ratio Lower Upper
 149 100
 167 23.1 21.9 32.9
 279 12.2 3.0 4.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.621 min Scan# 2800
 Delta R.T. -0.006 min
 Lab File: BN036314.D
 Acq: 06 Feb 2025 01:22

Tgt Ion:264 Resp: 4606
 Ion Ratio Lower Upper
 264 100
 260 26.3 21.8 32.6
 265 110.2 56.6 84.8#

