

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035842.D
 Acq On : 25 Dec 2024 04:38
 Operator : RC/JU
 Sample : P5374-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190A-GW-718-720

Quant Time: Dec 25 05:14:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

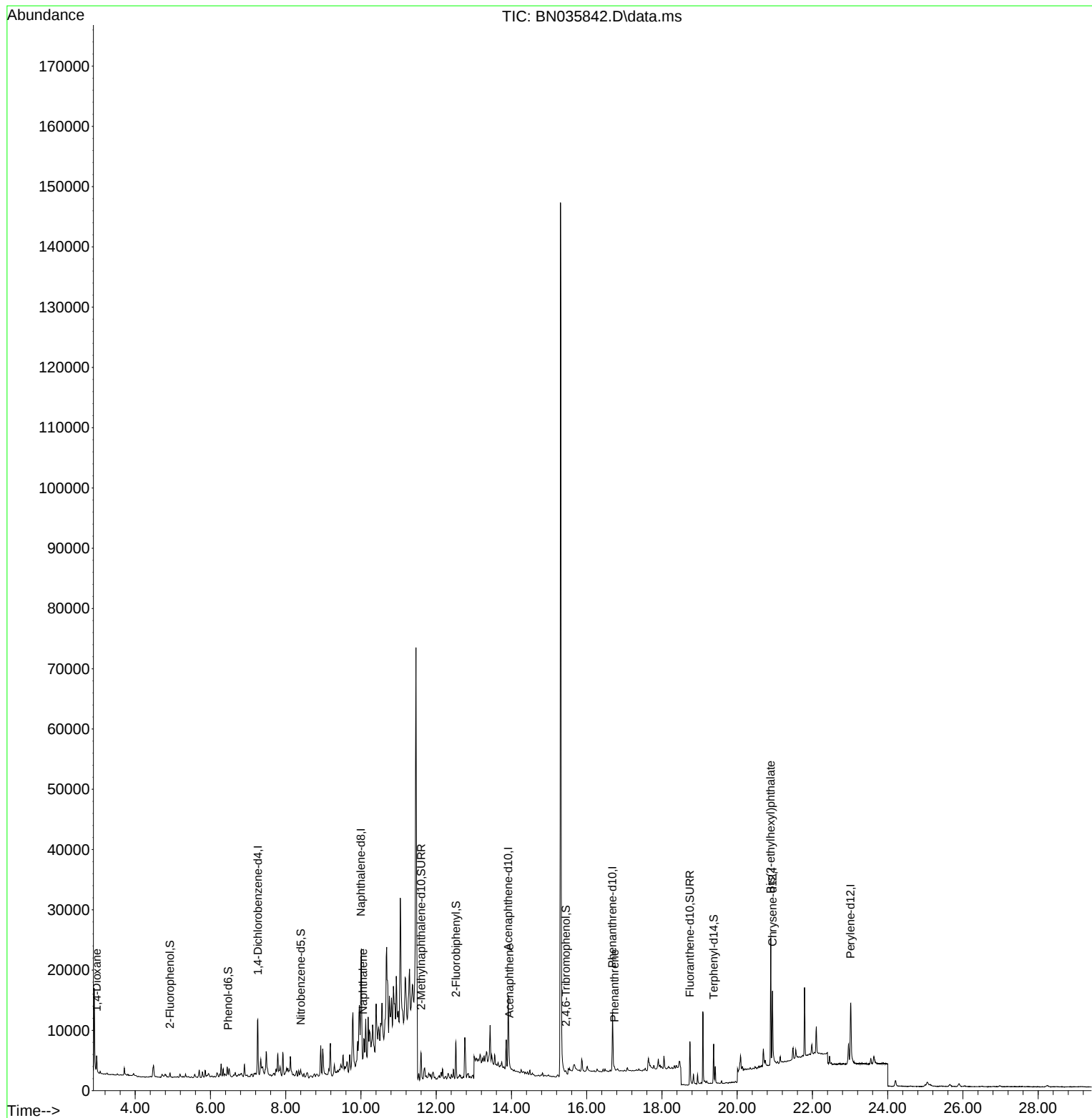
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.257	152	3670	0.400	ng	-0.01
7) Naphthalene-d8	9.999	136	9618	0.400	ng	#-0.02
13) Acenaphthene-d10	13.914	164	6807	0.400	ng	-0.02
19) Phenanthrene-d10	16.686	188	14364	0.400	ng	#-0.01
29) Chrysene-d12	20.938	240	13138	0.400	ng	-0.02
35) Perylene-d12	23.015	264	13650	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	423	0.046	ng	-0.01
5) Phenol-d6	6.470	99	387	0.035	ng	-0.02
8) Nitrobenzene-d5	8.397	82	1626	0.277	ng	-0.01
11) 2-Methylnaphthalene-d10	11.600	152	4183	0.278	ng	-0.02
14) 2,4,6-Tribromophenol	15.443	330	369	0.076	ng	-0.01
15) 2-Fluorobiphenyl	12.523	172	5617	0.218	ng	-0.02
27) Fluoranthene-d10	18.743	212	9066	0.223	ng	-0.02
31) Terphenyl-d14	19.375	244	7032	0.271	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	1864	0.531	ng	# 92
9) Naphthalene	10.052	128	972	0.038	ng	# 62
17) Acenaphthene	13.946	154	462	0.024	ng	# 78
25) Phenanthrene	16.736	178	921	0.023	ng	# 91
34) Bis(2-ethylhexyl)phtha...	20.893	149	17584	0.969	ng	99

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

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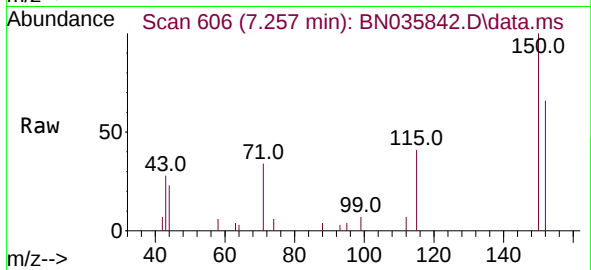
Quant Time: Dec 25 05:14:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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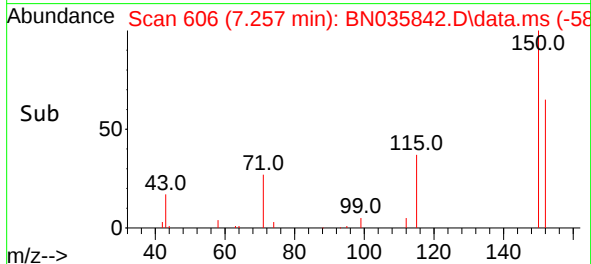
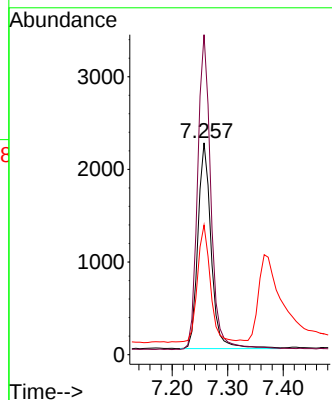


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.257 min Scan# 60
Delta R.T. -0.015 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-718-720

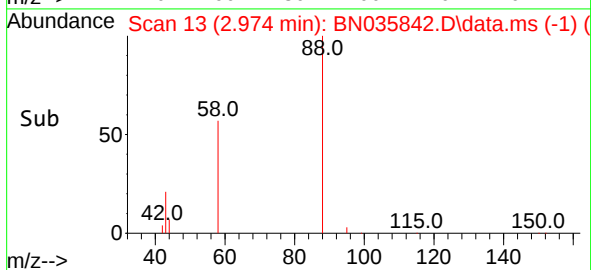
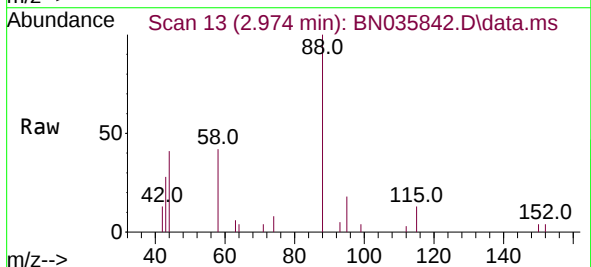
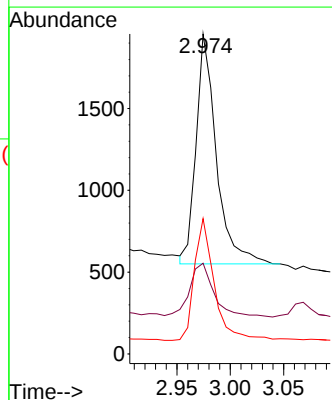


Tgt Ion:152 Resp: 3670
Ion Ratio Lower Upper
152 100
150 151.0 124.0 186.0
115 61.2 49.6 74.4



#2
1,4-Dioxane
Concen: 0.531 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

Tgt Ion: 88 Resp: 1864
Ion Ratio Lower Upper
88 100
43 28.1 17.2 25.8#
58 51.7 44.5 66.7

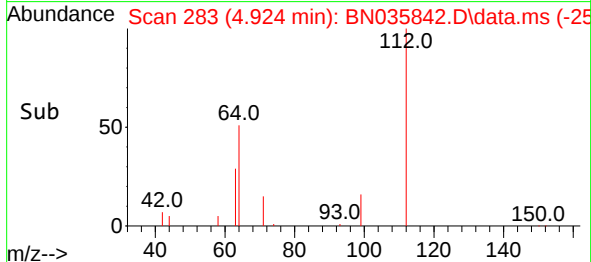
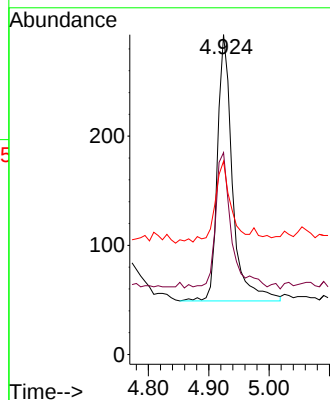
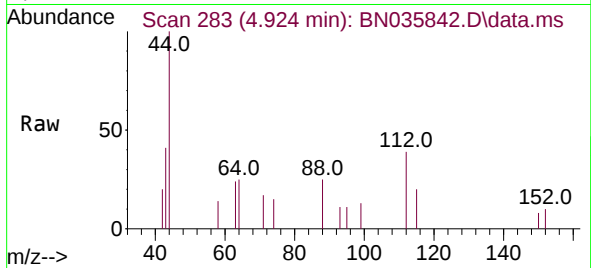




#4
2-Fluorophenol
Concen: 0.046 ng
RT: 4.924 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

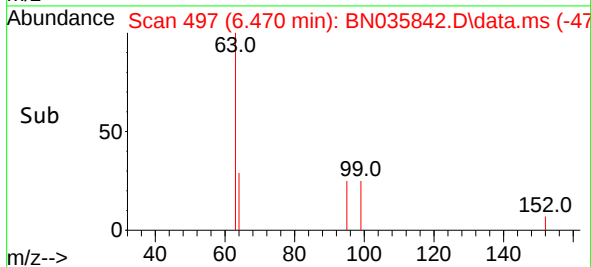
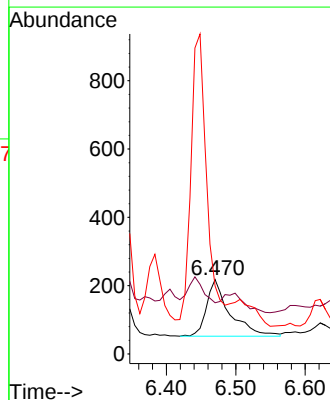
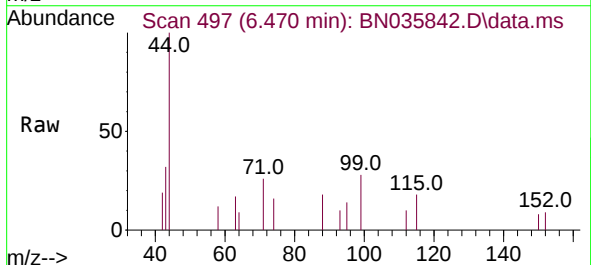
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-718-720

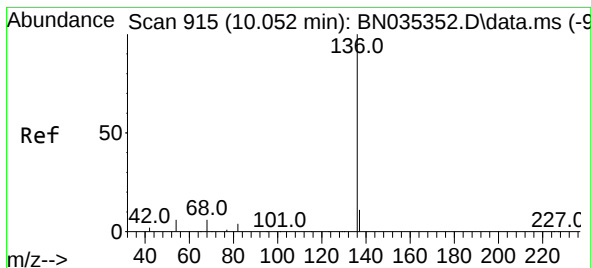
Tgt Ion:112 Resp: 423
Ion Ratio Lower Upper
112 100
64 50.8 39.8 59.8
63 33.1 21.0 31.6#



#5
Phenol-d6
Concen: 0.035 ng
RT: 6.470 min Scan# 497
Delta R.T. -0.022 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

Tgt Ion: 99 Resp: 387
Ion Ratio Lower Upper
99 100
42 0.0 11.4 17.2#
71 0.0 29.3 43.9#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 9.999 min Scan# 91

Delta R.T. -0.021 min

Lab File: BN035842.D

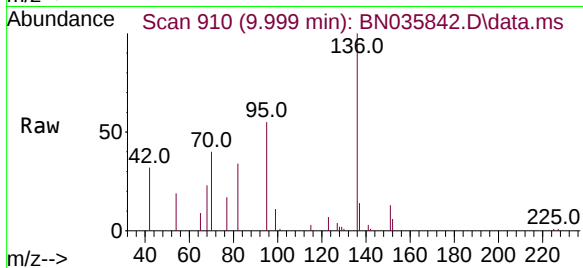
Acq: 25 Dec 2024 04:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190A-GW-718-720



Tgt Ion:136 Resp: 9618

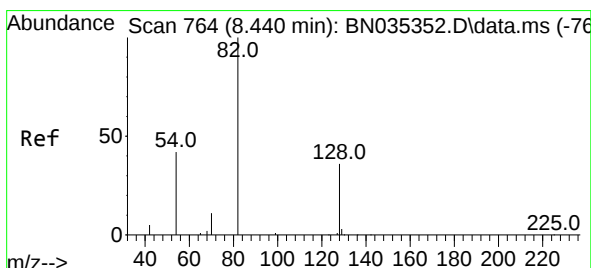
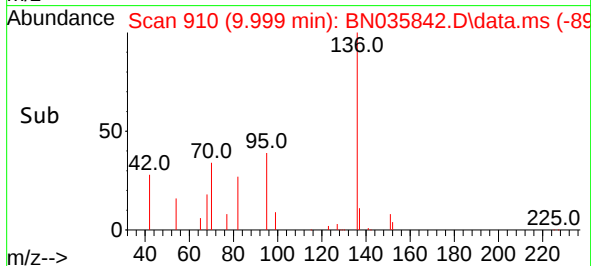
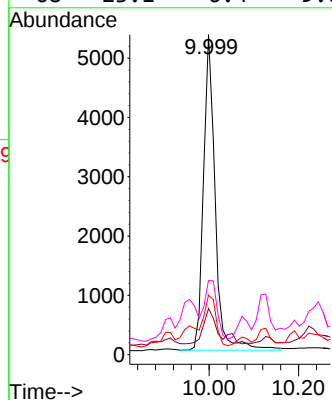
Ion Ratio Lower Upper

136 100

137 14.4 10.2 15.2

54 18.6 6.1 9.1#

68 23.1 6.4 9.6#



#8

Nitrobenzene-d5

Concen: 0.277 ng

RT: 8.397 min Scan# 760

Delta R.T. -0.011 min

Lab File: BN035842.D

Acq: 25 Dec 2024 04:38

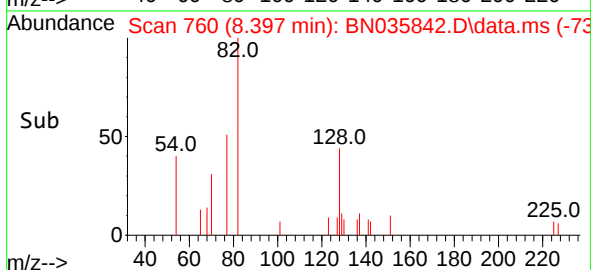
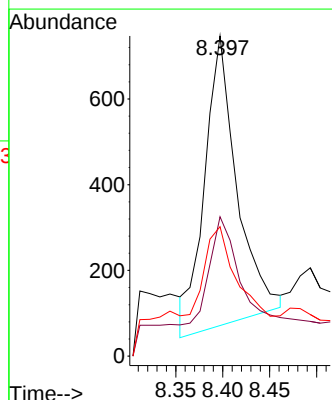
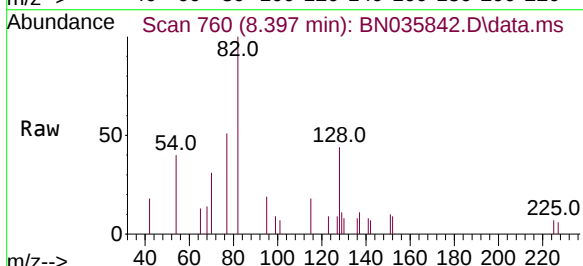
Tgt Ion: 82 Resp: 1626

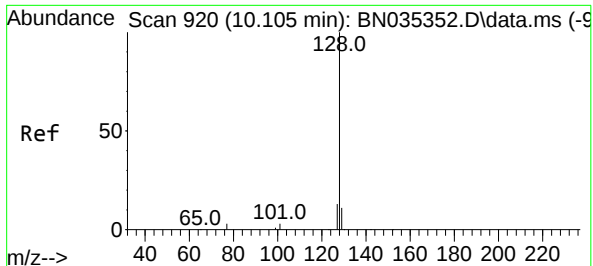
Ion Ratio Lower Upper

82 100

128 43.5 33.4 50.0

54 40.4 36.7 55.1

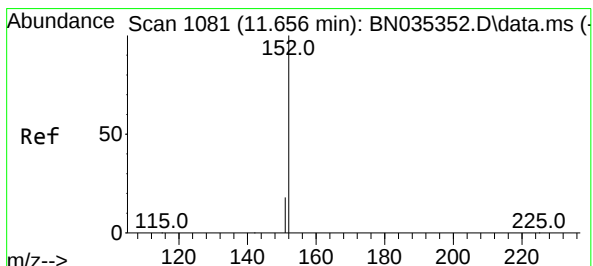
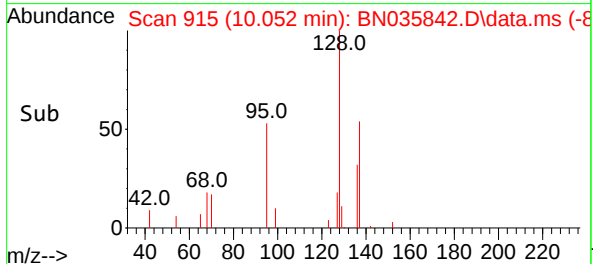
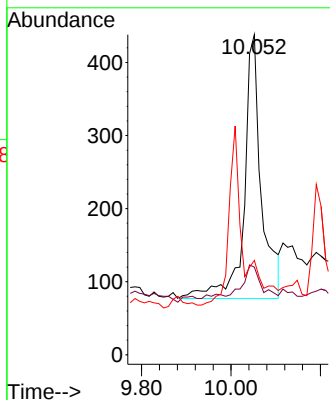
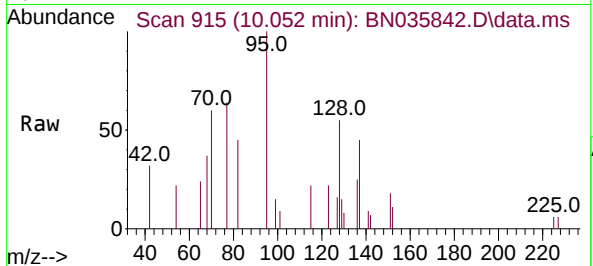




#9
Naphthalene
Concen: 0.038 ng
RT: 10.052 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

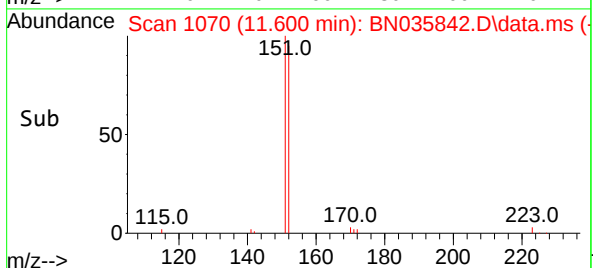
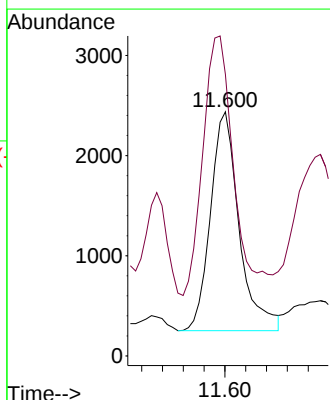
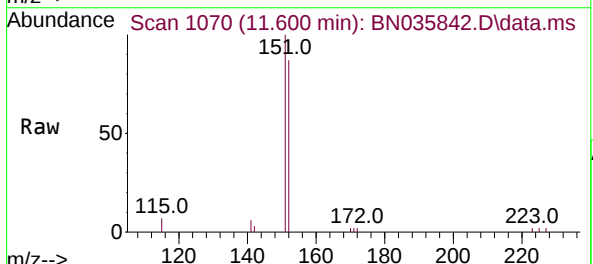
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-718-720

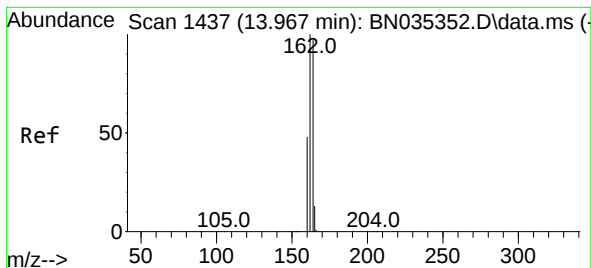
Tgt Ion:128 Resp: 972
Ion Ratio Lower Upper
128 100
129 27.4 9.8 14.6#
127 29.5 11.4 17.2#



#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 11.600 min Scan# 1070
Delta R.T. -0.020 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

Tgt Ion:152 Resp: 4183
Ion Ratio Lower Upper
152 100
151 127.1 16.6 25.0#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.914 min Scan# 14

Delta R.T. -0.021 min

Lab File: BN035842.D

Acq: 25 Dec 2024 04:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190A-GW-718-720

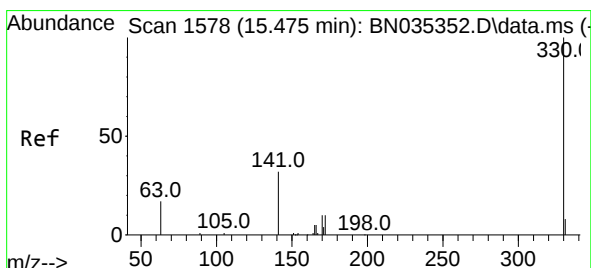
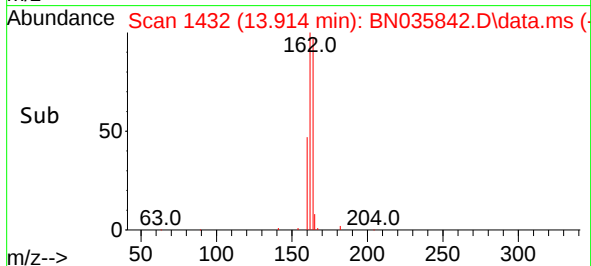
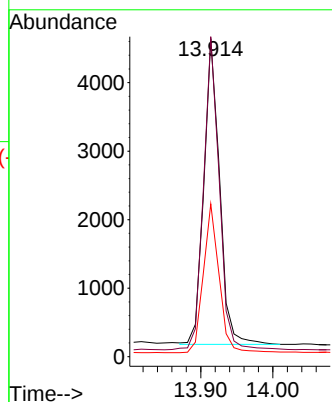
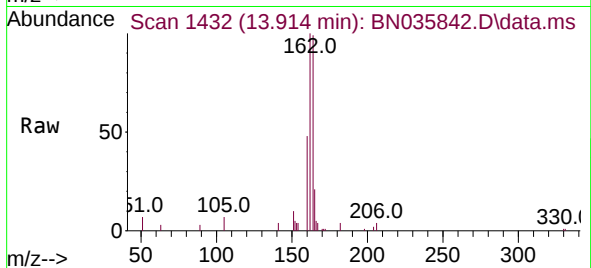
Tgt Ion:164 Resp: 6807

Ion Ratio Lower Upper

164 100

162 100.6 82.2 123.2

160 48.0 40.1 60.1



#14

2,4,6-Tribromophenol

Concen: 0.076 ng

RT: 15.443 min Scan# 1575

Delta R.T. -0.011 min

Lab File: BN035842.D

Acq: 25 Dec 2024 04:38

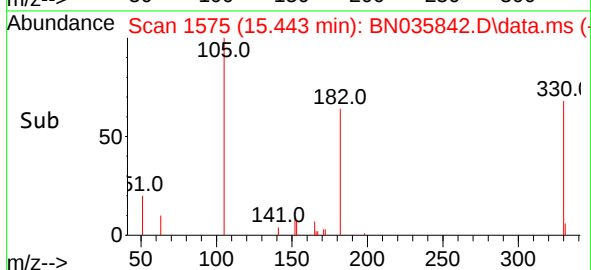
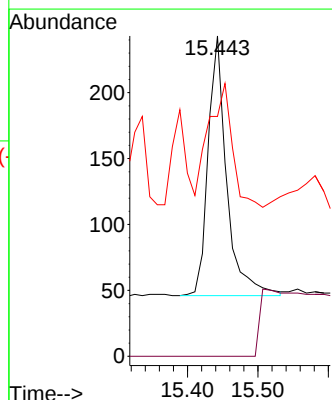
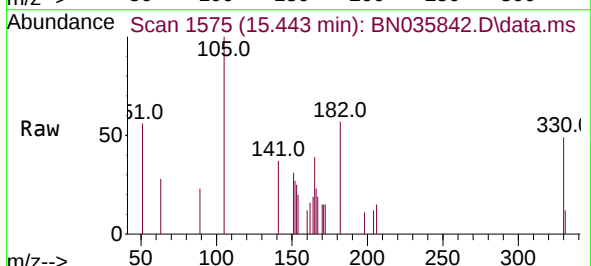
Tgt Ion:330 Resp: 369

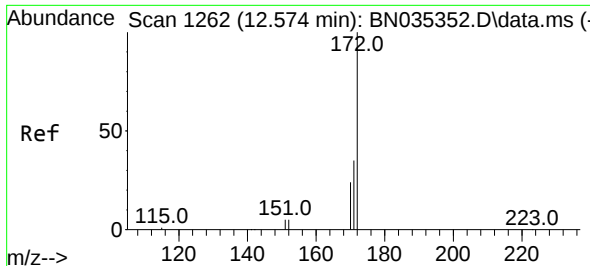
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 59.1 26.6 40.0#

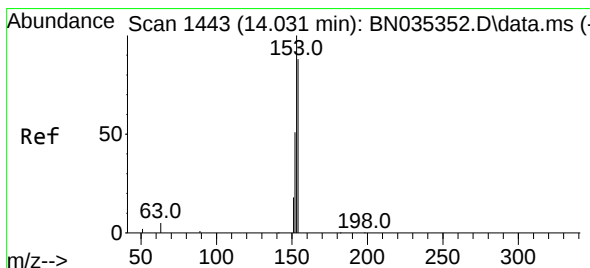
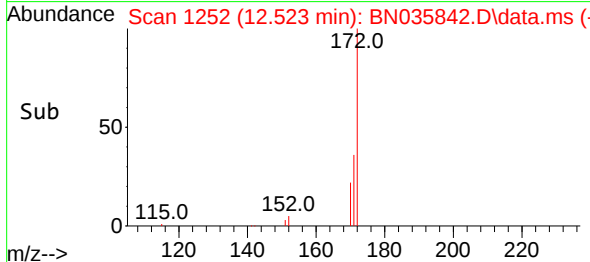
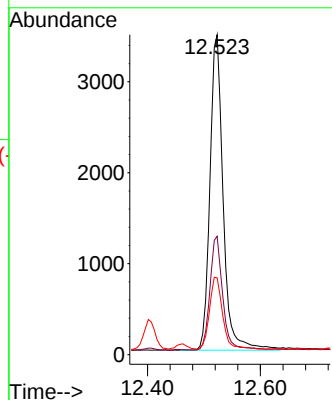
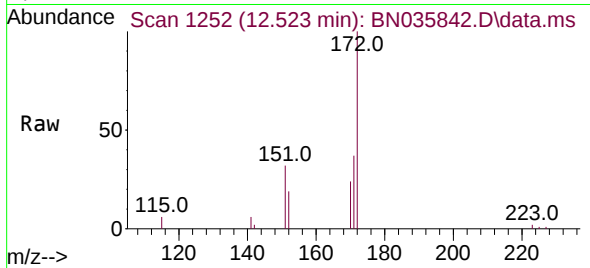




#15
2-Fluorobiphenyl
Concen: 0.218 ng
RT: 12.523 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

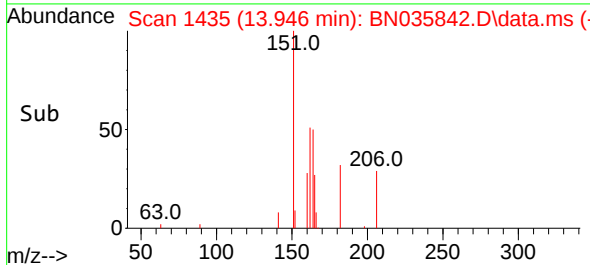
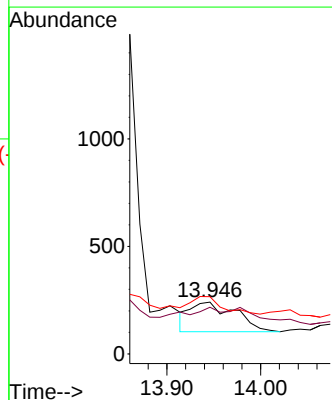
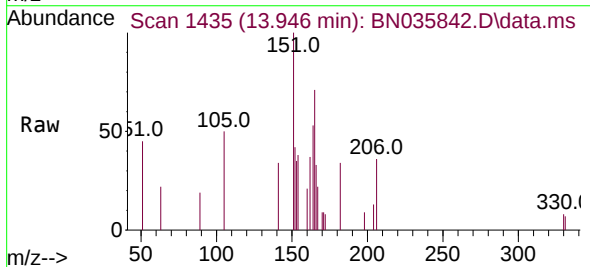
Instrument :
BNA_N
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BP-VPB-190A-GW-718-720

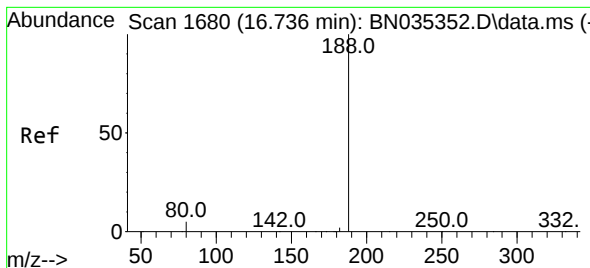
Tgt Ion:172 Resp: 5617
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.4
170 24.0 19.8 29.8



#17
Acenaphthene
Concen: 0.024 ng
RT: 13.946 min Scan# 1435
Delta R.T. -0.054 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

Tgt Ion:154 Resp: 462
Ion Ratio Lower Upper
154 100
153 89.8 92.6 139.0#
152 47.2 49.0 73.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.686 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN035842.D

Acq: 25 Dec 2024 04:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190A-GW-718-720

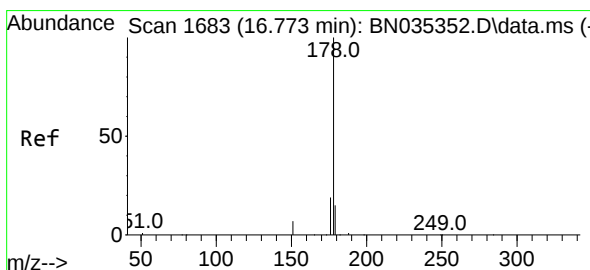
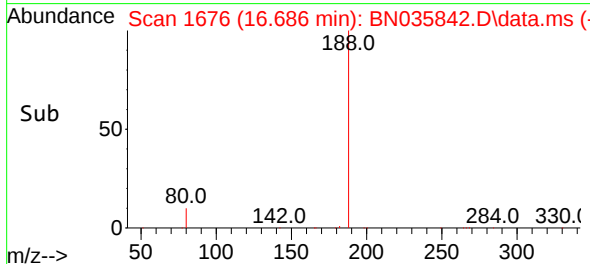
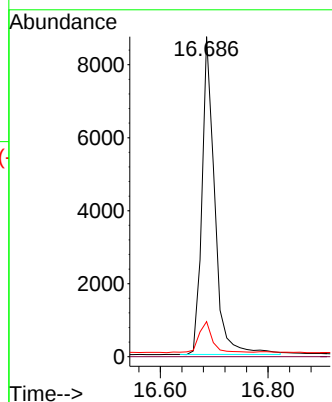
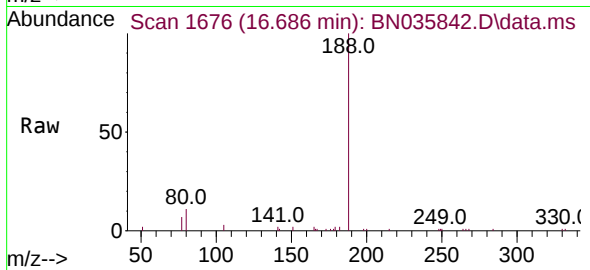
Tgt Ion:188 Resp: 14364

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 4.6 6.8#



#25

Phenanthrene

Concen: 0.023 ng

RT: 16.736 min Scan# 1680

Delta R.T. -0.012 min

Lab File: BN035842.D

Acq: 25 Dec 2024 04:38

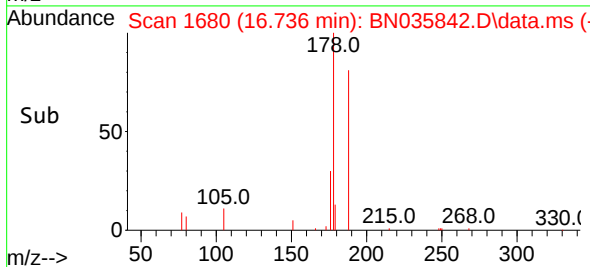
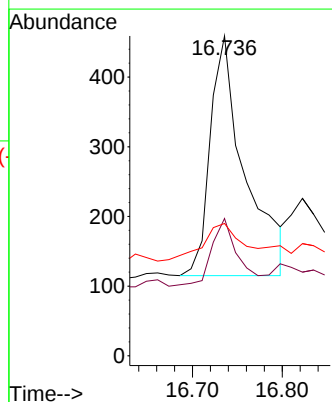
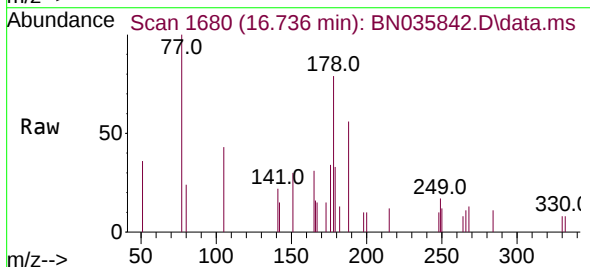
Tgt Ion:178 Resp: 921

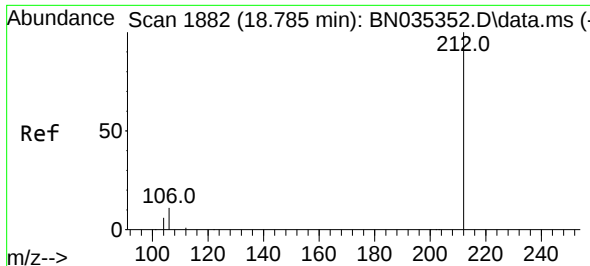
Ion Ratio Lower Upper

178 100

176 21.4 15.4 23.2

179 21.8 12.3 18.5#

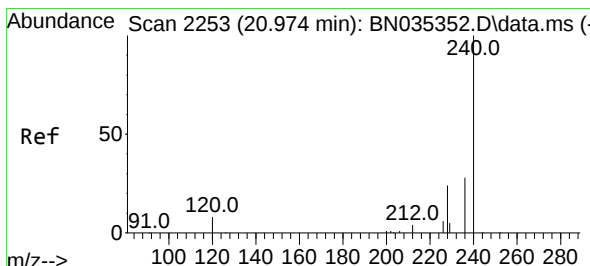
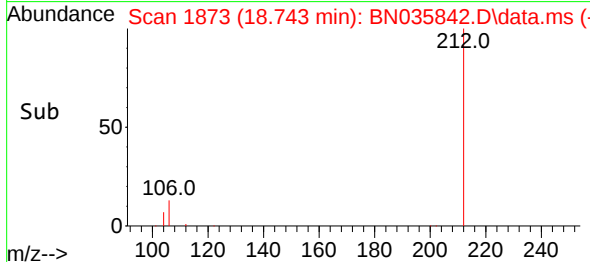
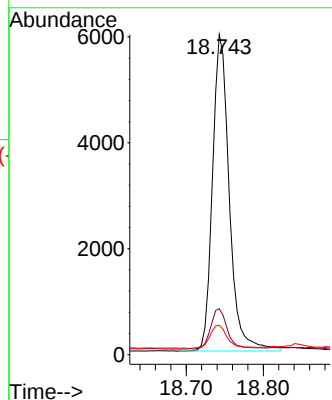
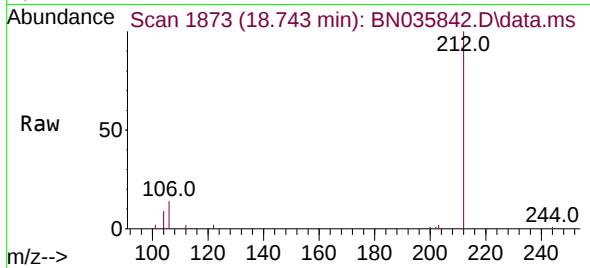




#27
Fluoranthene-d10
Concen: 0.223 ng
RT: 18.743 min Scan# 1882
Delta R.T. -0.019 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

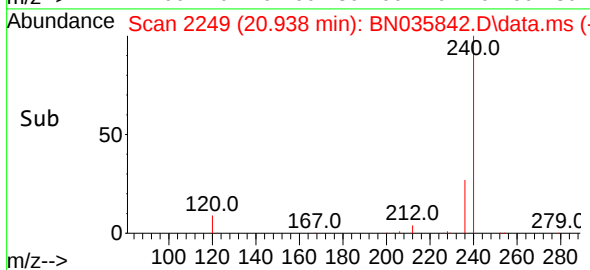
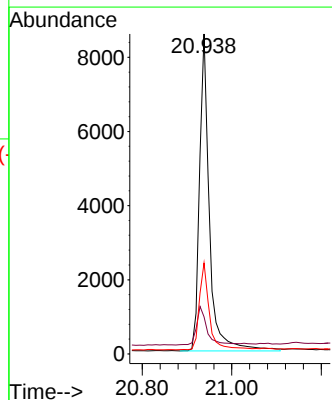
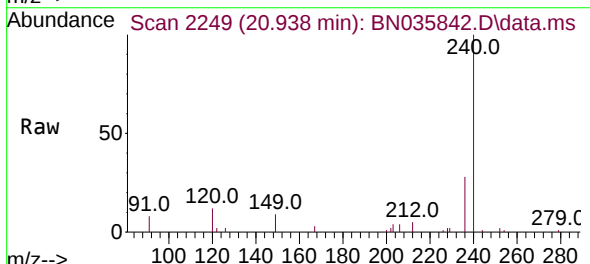
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190A-GW-718-720

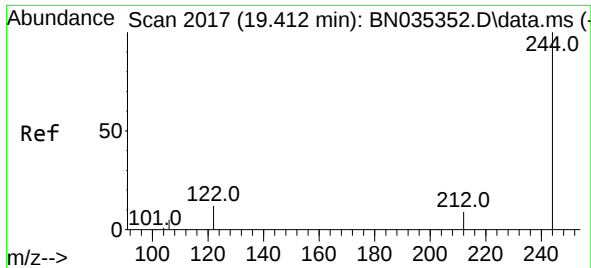
Tgt Ion:212 Resp: 9066
Ion Ratio Lower Upper
212 100
106 13.0 9.2 13.8
104 7.7 5.3 7.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.938 min Scan# 2249
Delta R.T. -0.018 min
Lab File: BN035842.D
Acq: 25 Dec 2024 04:38

Tgt Ion:240 Resp: 13138
Ion Ratio Lower Upper
240 100
120 11.6 7.9 11.9
236 28.4 22.9 34.3

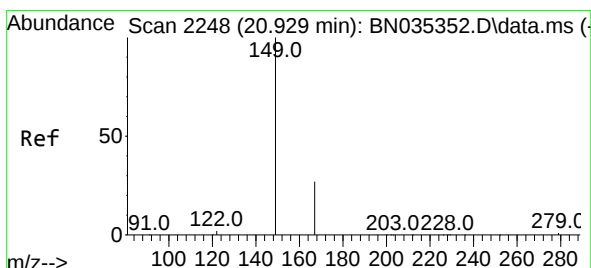
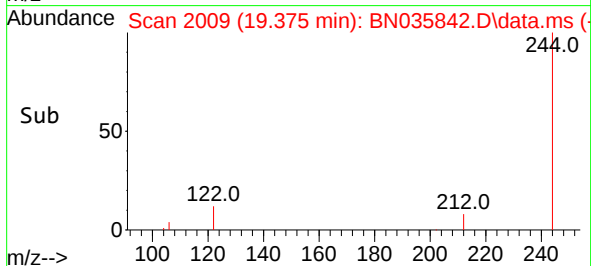
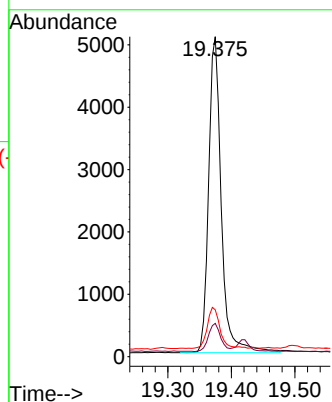
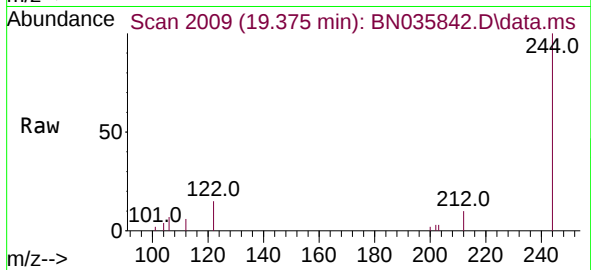




#31
 Terphenyl-d14
 Concen: 0.271 ng
 RT: 19.375 min Scan# 2017
 Delta R.T. -0.014 min
 Lab File: BN035842.D
 Acq: 25 Dec 2024 04:38

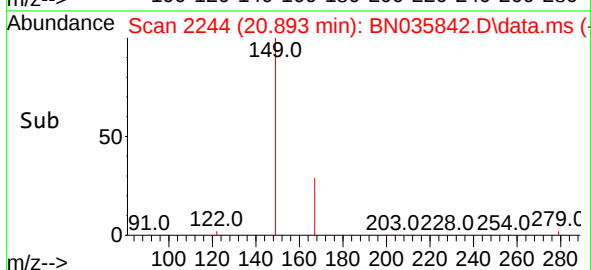
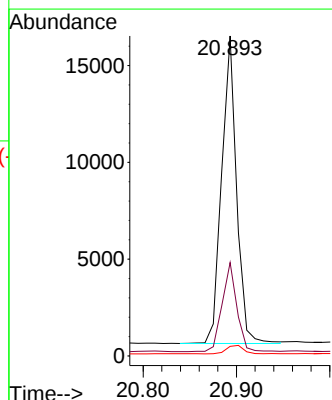
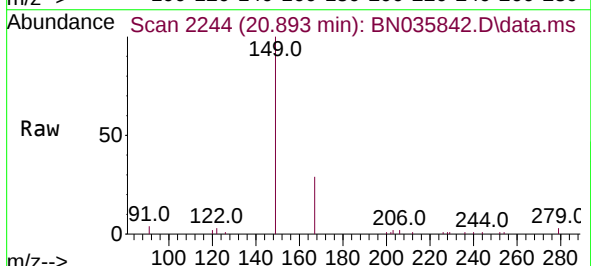
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190A-GW-718-720

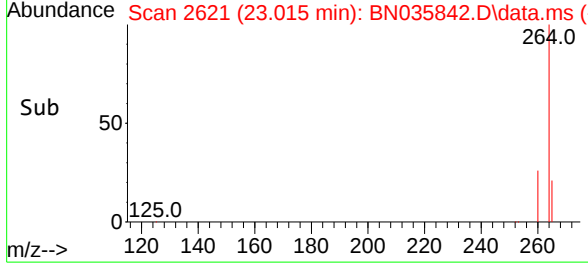
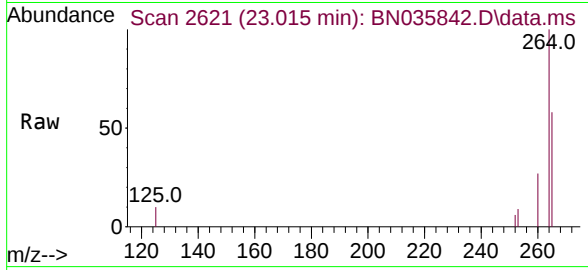
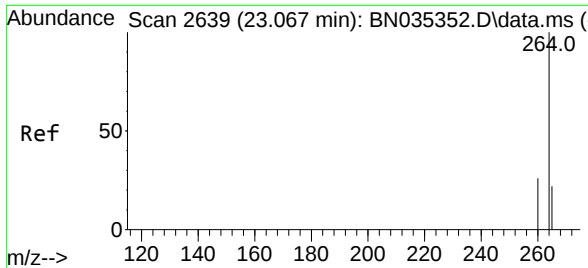
Tgt Ion:244 Resp: 7032
 Ion Ratio Lower Upper
 244 100
 212 10.4 8.1 12.1
 122 14.7 10.3 15.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.969 ng
 RT: 20.893 min Scan# 2244
 Delta R.T. -0.018 min
 Lab File: BN035842.D
 Acq: 25 Dec 2024 04:38

Tgt Ion:149 Resp: 17584
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.2 33.4
 279 3.2 2.7 4.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.015 min Scan# 2

Delta R.T. -0.026 min

Lab File: BN035842.D

Acq: 25 Dec 2024 04:38

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190A-GW-718-720

Tgt Ion:264 Resp: 13650

Ion Ratio Lower Upper

264 100

260 26.9 21.4 32.2

265 58.3 40.2 60.4

