

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
 Data File : BN034713.D
 Acq On : 25 Oct 2024 04:14
 Operator : RC/JU
 Sample : P4438-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190-GW-58-60

Quant Time: Oct 25 05:17:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 24 13:17:02 2024
 Response via : Initial Calibration

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

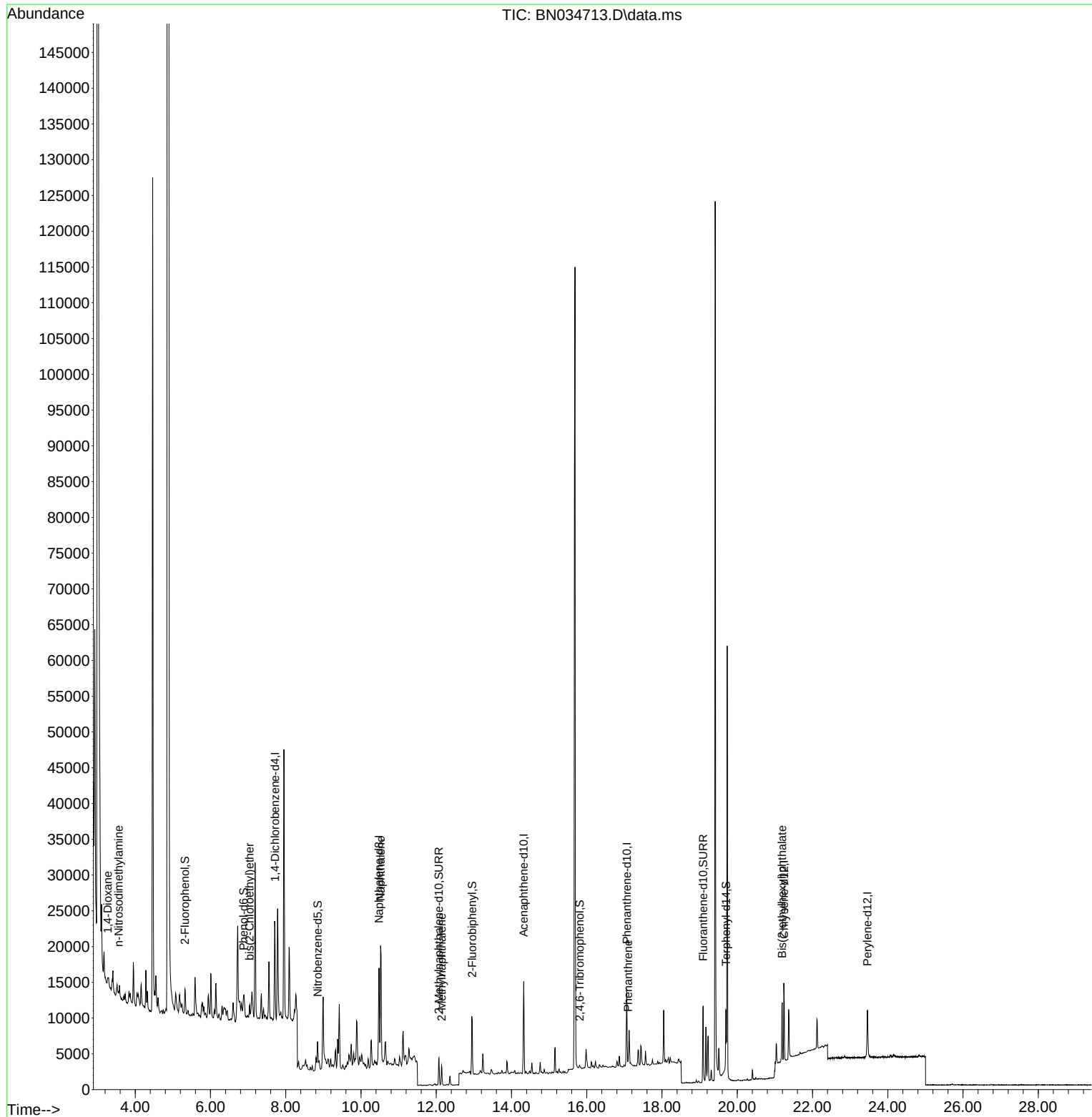
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.712	152	5389	0.400	ng	0.00
7) Naphthalene-d8	10.479	136	15449	0.400	ng	0.00
13) Acenaphthene-d10	14.325	164	6955	0.400	ng	0.00
19) Phenanthrene-d10	17.064	188	13023	0.400	ng	# 0.00
29) Chrysene-d12	21.239	240	8752	0.400	ng	#-0.01
35) Perylene-d12	23.459	264	8544	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.322	112	1707	0.107	ng	0.00
5) Phenol-d6	6.882	99	1903	0.090	ng	0.00
8) Nitrobenzene-d5	8.846	82	3138	0.242	ng	0.00
11) 2-Methylnaphthalene-d10	12.071	152	4839	0.228	ng	0.00
14) 2,4,6-Tribromophenol	15.810	330	203	0.094	ng	0.00
15) 2-Fluorobiphenyl	12.957	172	6689	0.242	ng	0.00
27) Fluoranthene-d10	19.092	212	10241	0.349	ng	0.00
31) Terphenyl-d14	19.701	244	6074	0.340	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.271	88	370	0.052	ng	# 1
3) n-Nitrosodimethylamine	3.560	42	419	0.040	ng	# 10
6) bis(2-Chloroethyl)ether	7.041	93	2718	0.158	ng	# 20
9) Naphthalene	10.522	128	18222	0.426	ng	# 98
12) 2-Methylnaphthalene	12.143	142	1805	0.068	ng	# 92
25) Phenanthrene	17.101	178	1214	0.031	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.194	149	8652	0.456	ng	# 98

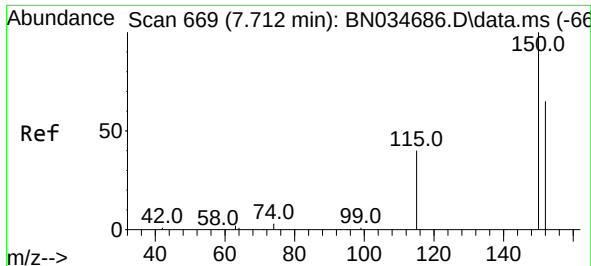
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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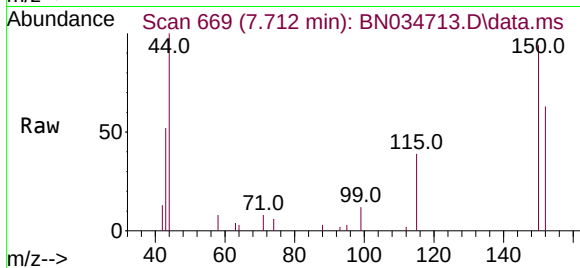
Quant Time: Oct 25 05:17:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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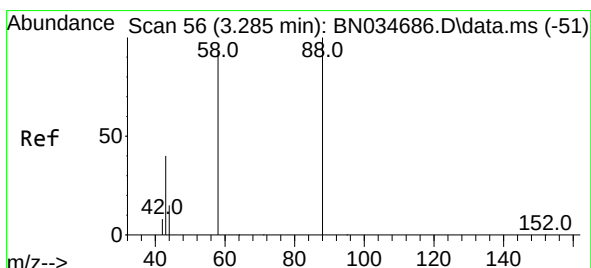
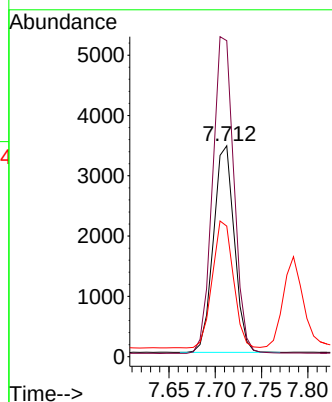
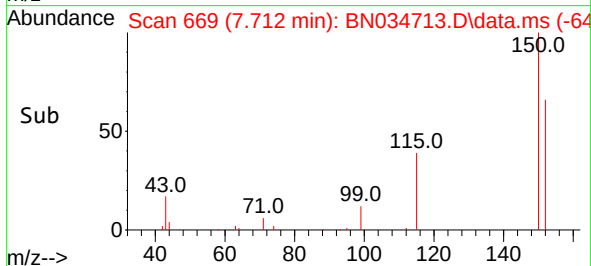


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.712 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: BN034713.D
 Acq: 25 Oct 2024 04:14

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190-GW-58-60

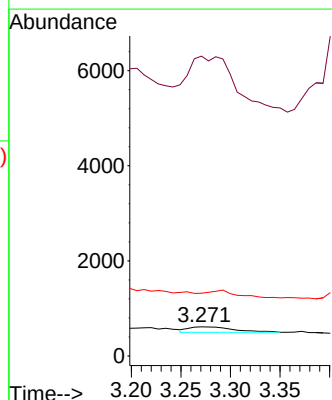
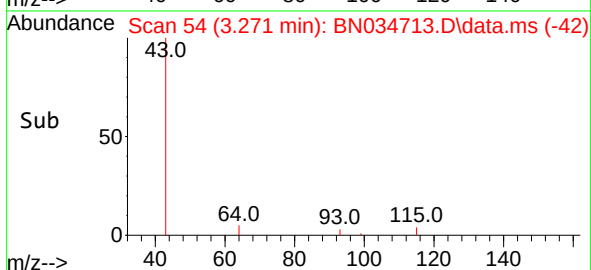
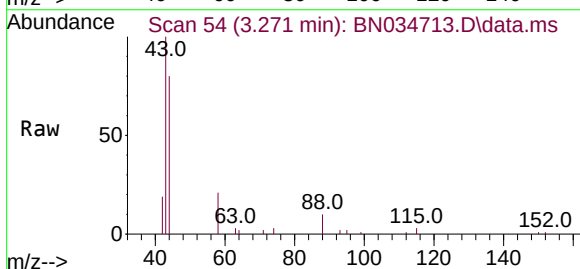


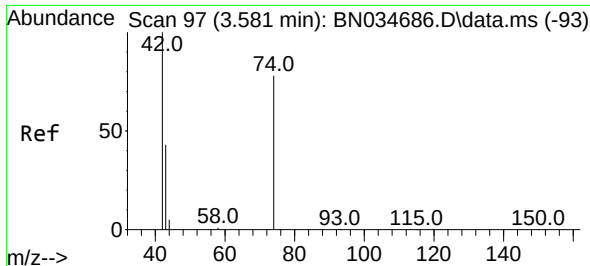
Tgt Ion:152 Resp: 5389
 Ion Ratio Lower Upper
 152 100
 150 149.9 122.7 184.1
 115 61.9 51.0 76.6



#2
 1,4-Dioxane
 Concen: 0.052 ng
 RT: 3.271 min Scan# 54
 Delta R.T. -0.014 min
 Lab File: BN034713.D
 Acq: 25 Oct 2024 04:14

Tgt Ion: 88 Resp: 370
 Ion Ratio Lower Upper
 88 100
 43 1090.8 32.1 48.1#
 58 0.0 73.7 110.5#

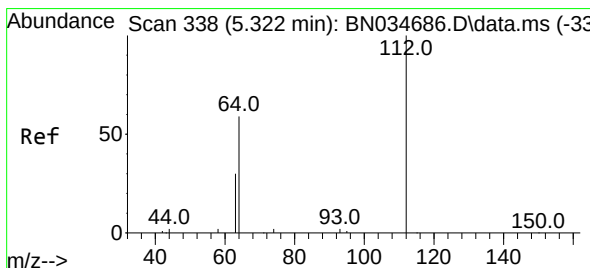
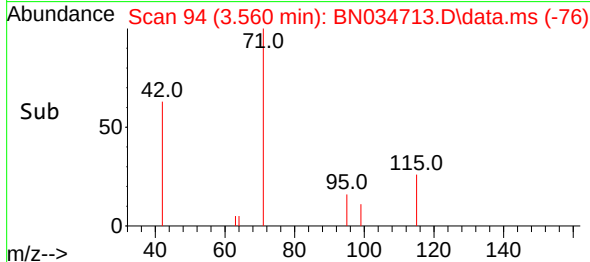
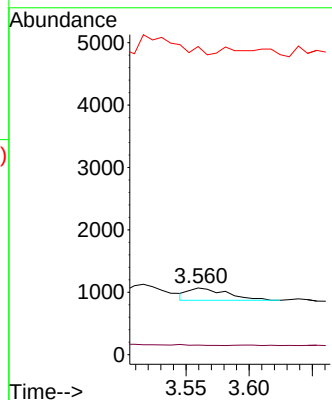
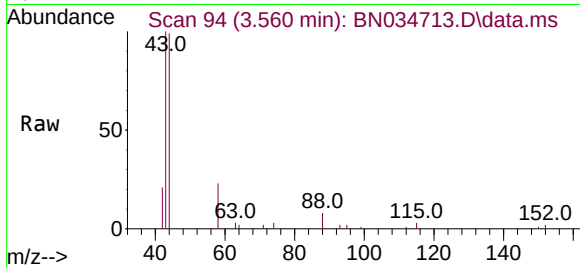




#3
 n-Nitrosodimethylamine
 Concen: 0.040 ng
 RT: 3.560 min Scan# 94
 Delta R.T. -0.021 min
 Lab File: BN034713.D
 Acq: 25 Oct 2024 04:14

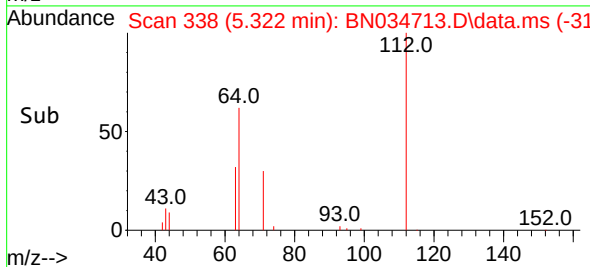
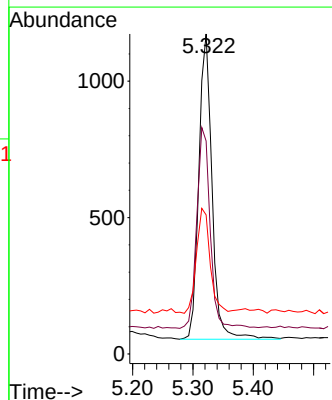
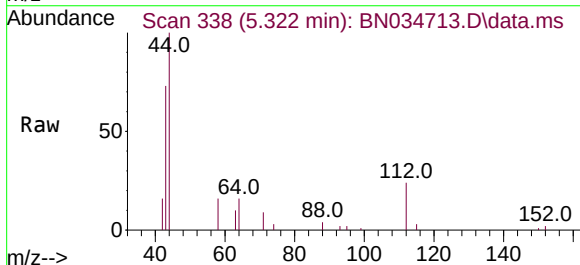
Instrument :
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 ClientSampleId :
 BP-VPB-190-GW-58-60

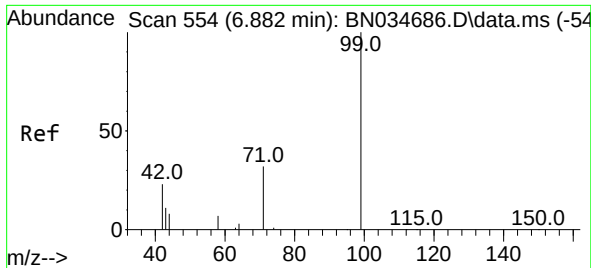
Tgt Ion: 42 Resp: 419
 Ion Ratio Lower Upper
 42 100
 74 0.0 77.2 115.8#
 44 0.0 13.4 20.2#



#4
 2-Fluorophenol
 Concen: 0.107 ng
 RT: 5.322 min Scan# 338
 Delta R.T. 0.000 min
 Lab File: BN034713.D
 Acq: 25 Oct 2024 04:14

Tgt Ion: 112 Resp: 1707
 Ion Ratio Lower Upper
 112 100
 64 66.1 53.0 79.6
 63 35.6 27.6 41.4

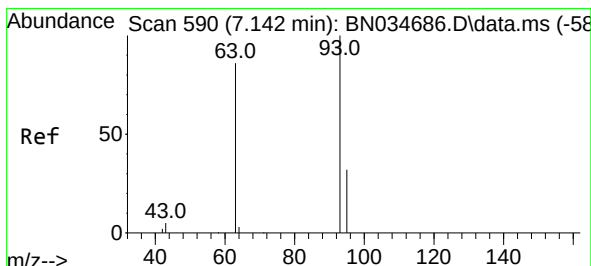
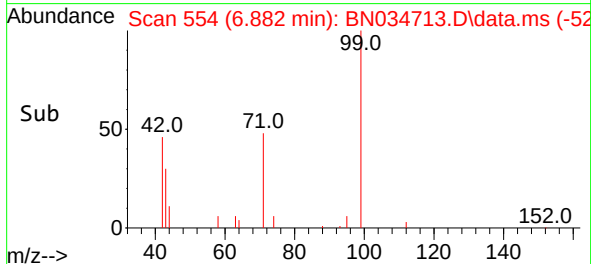
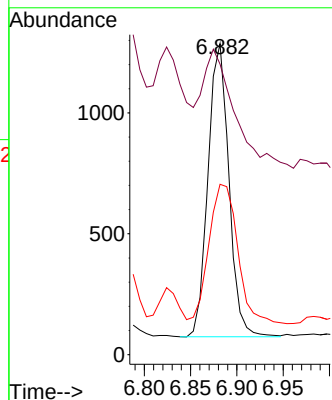
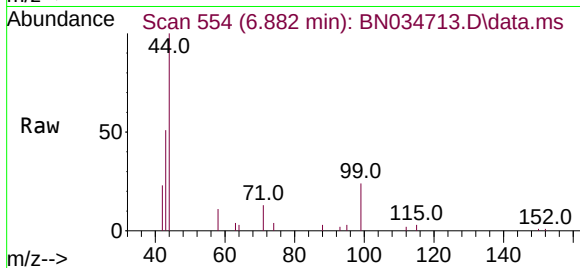




#5
Phenol-d6
Concen: 0.090 ng
RT: 6.882 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

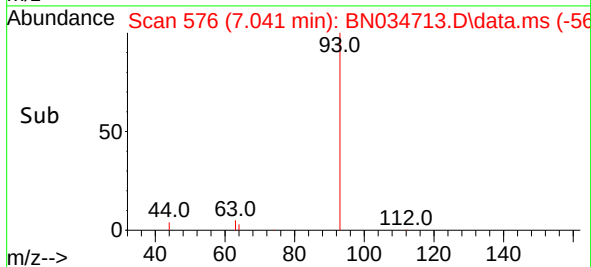
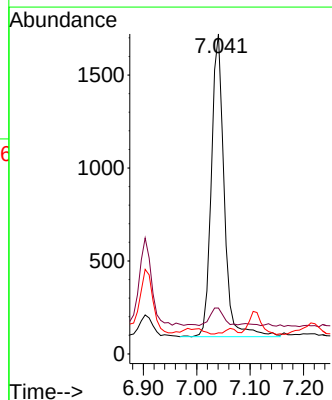
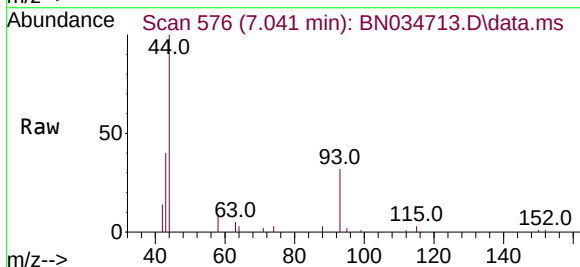
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-58-60

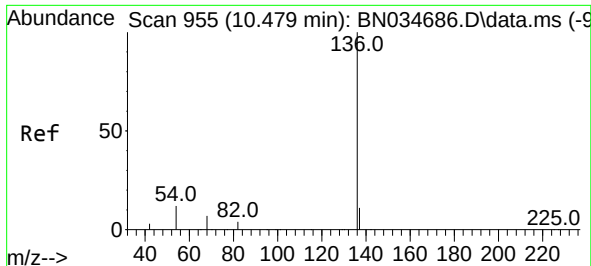
Tgt Ion: 99 Resp: 1903
Ion Ratio Lower Upper
99 100
42 63.0 21.8 32.8#
71 65.6 26.6 40.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.158 ng
RT: 7.041 min Scan# 576
Delta R.T. -0.101 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

Tgt Ion: 93 Resp: 2718
Ion Ratio Lower Upper
93 100
63 6.2 71.5 107.3#
95 0.0 25.8 38.6#

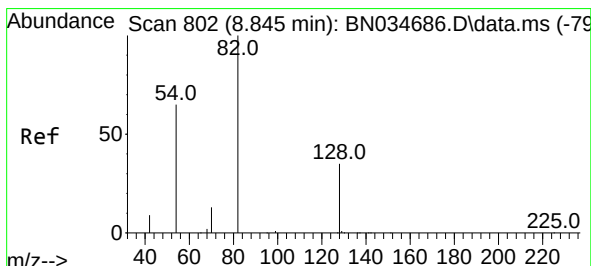
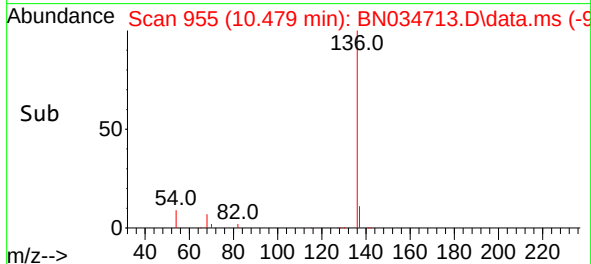
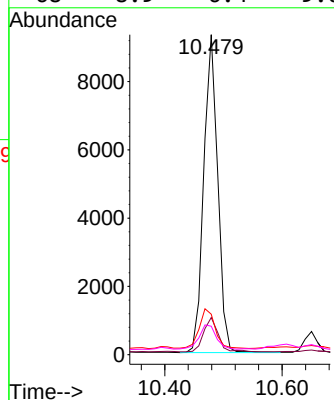
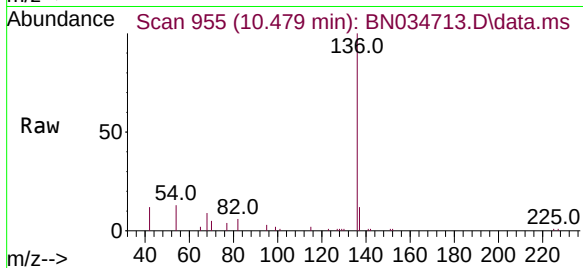




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.479 min Scan# 955
Delta R.T. 0.000 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

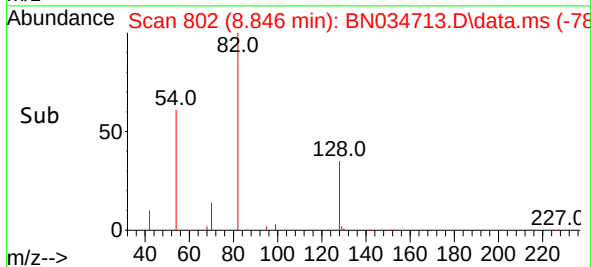
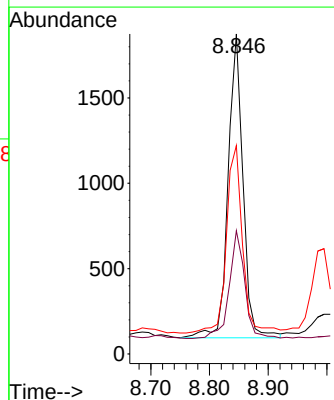
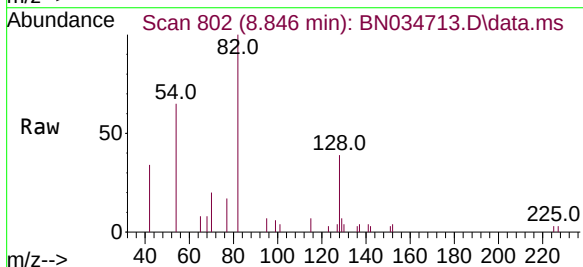
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-58-60

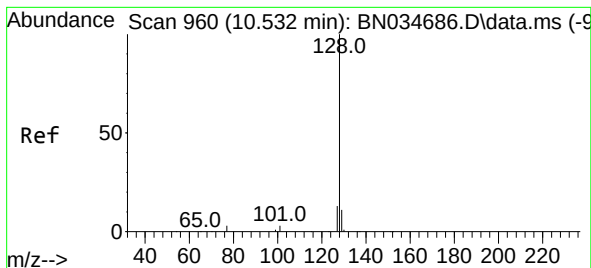
Tgt Ion:	136	Resp:	15449
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	12.7	9.8	14.8
68	8.9	6.4	9.6



#8
Nitrobenzene-d5
Concen: 0.242 ng
RT: 8.846 min Scan# 802
Delta R.T. 0.000 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

Tgt Ion:	82	Resp:	3138
Ion	Ratio	Lower	Upper
82	100		
128	38.5	29.7	44.5
54	65.1	53.0	79.6





#9

Naphthalene

Concen: 0.426 ng

RT: 10.522 min Scan# 91

Delta R.T. -0.010 min

Lab File: BN034713.D

Acq: 25 Oct 2024 04:14

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190-GW-58-60

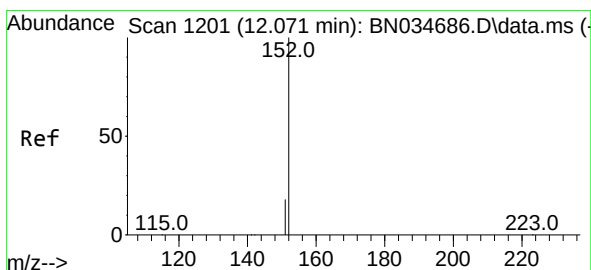
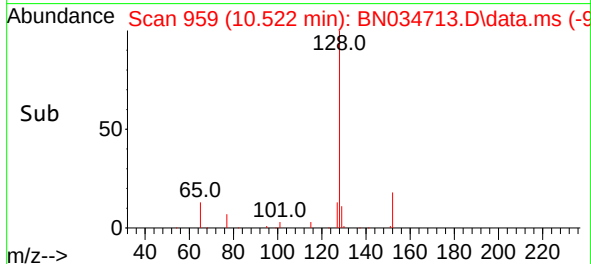
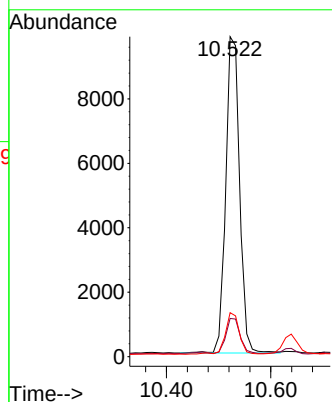
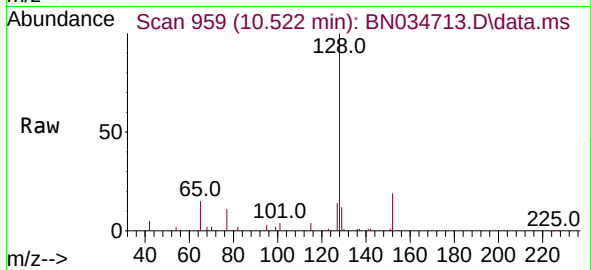
Tgt Ion:128 Resp: 18222

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

127 13.8 10.5 15.7



#11

2-Methylnaphthalene-d10

Concen: 0.228 ng

RT: 12.071 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BN034713.D

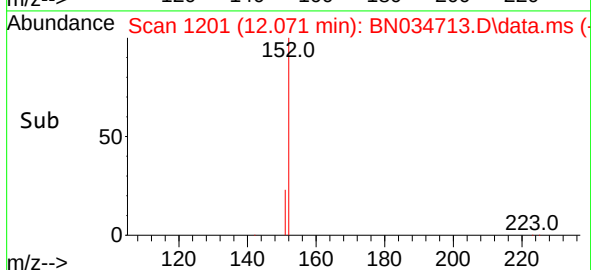
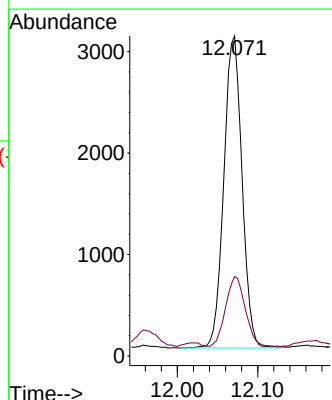
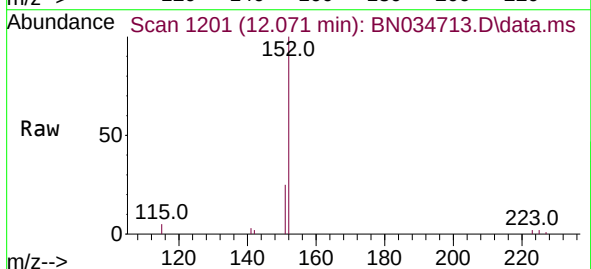
Acq: 25 Oct 2024 04:14

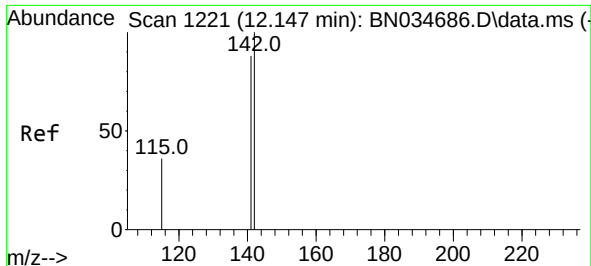
Tgt Ion:152 Resp: 4839

Ion Ratio Lower Upper

152 100

151 24.3 16.7 25.1

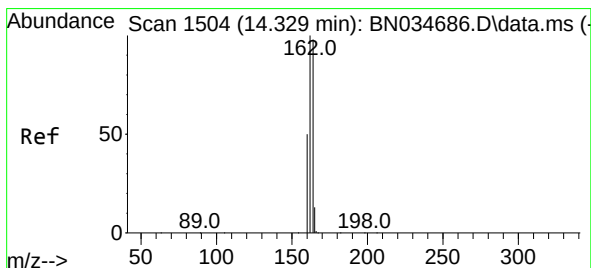
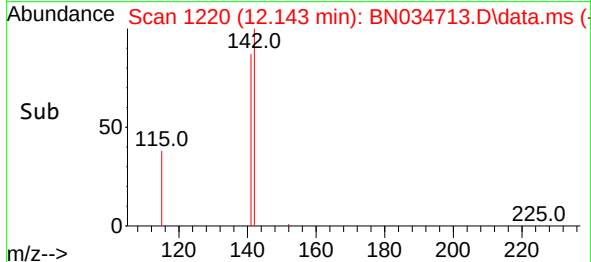
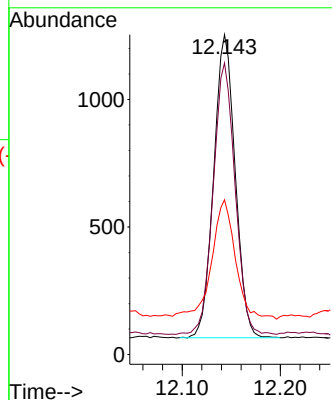
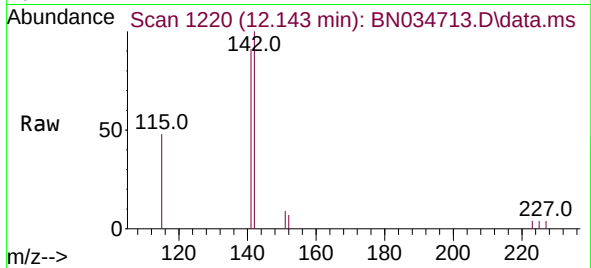




#12
2-Methylnaphthalene
Concen: 0.068 ng
RT: 12.143 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

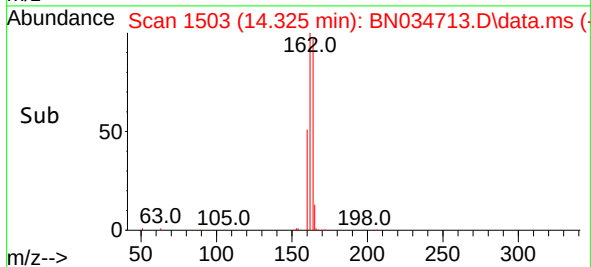
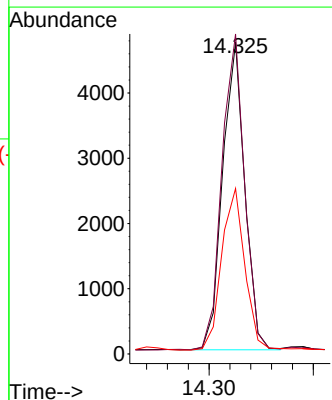
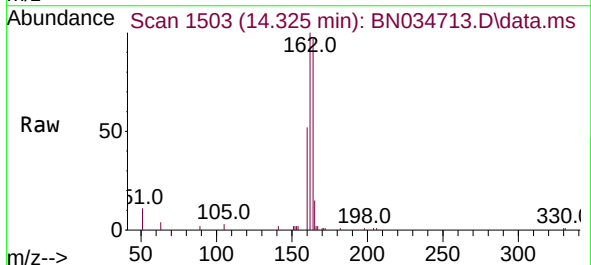
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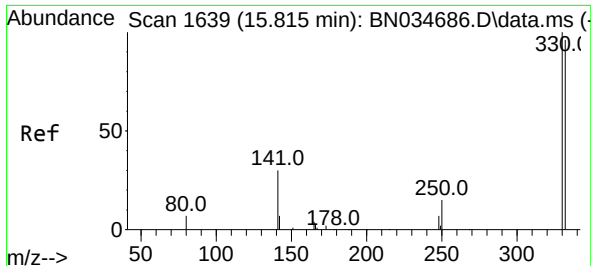
Tgt Ion:142 Resp: 1805
Ion Ratio Lower Upper
142 100
141 91.1 70.4 105.6
115 48.4 29.8 44.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.325 min Scan# 1503
Delta R.T. -0.004 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

Tgt Ion:164 Resp: 6955
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 53.1 40.6 61.0

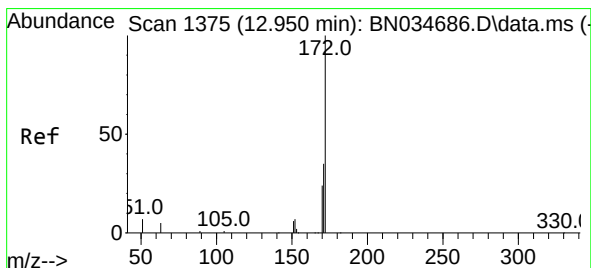
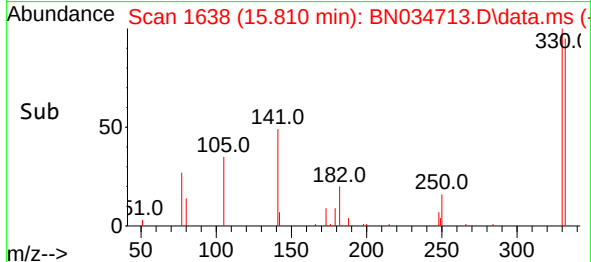
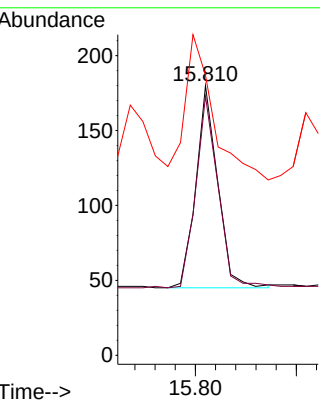
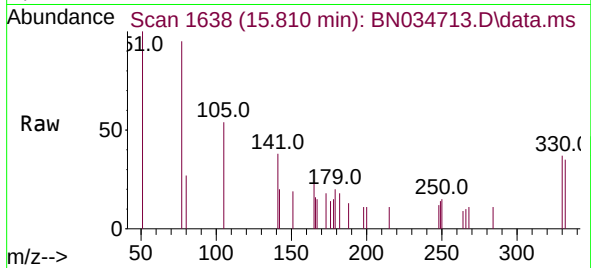




#14
2,4,6-Tribromophenol
Concen: 0.094 ng
RT: 15.810 min Scan# 1639
Delta R.T. -0.005 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

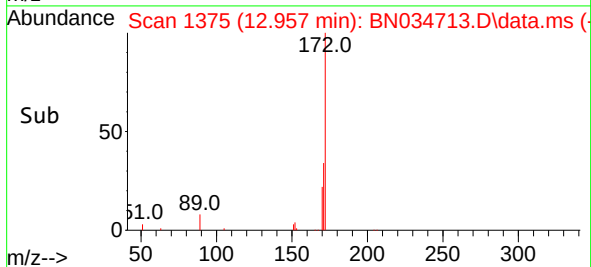
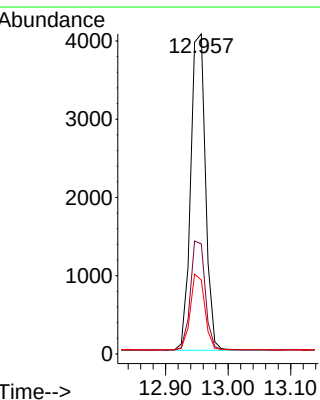
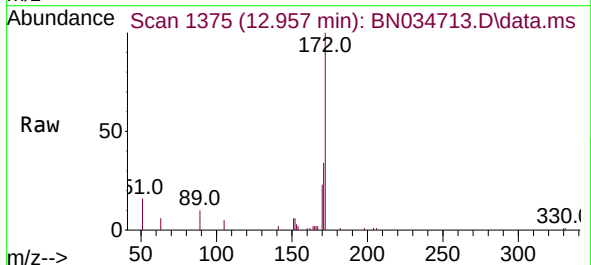
Instrument :
BNA_N
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BP-VPB-190-GW-58-60

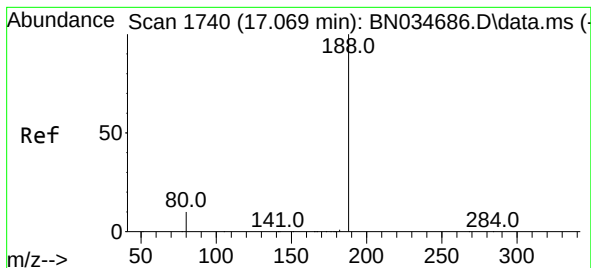
Tgt Ion:330 Resp: 203
Ion Ratio Lower Upper
330 100
332 98.5 76.6 115.0
141 91.6 54.6 81.8#



#15
2-Fluorobiphenyl
Concen: 0.242 ng
RT: 12.957 min Scan# 1375
Delta R.T. 0.007 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

Tgt Ion:172 Resp: 6689
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.1 19.8 29.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.064 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN034713.D

Acq: 25 Oct 2024 04:14

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190-GW-58-60

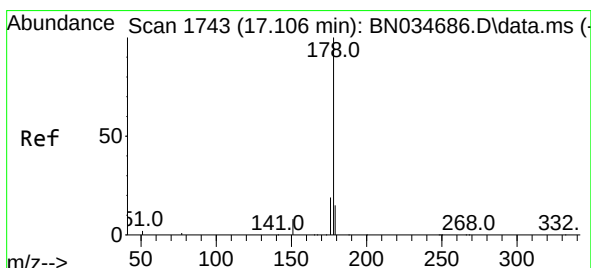
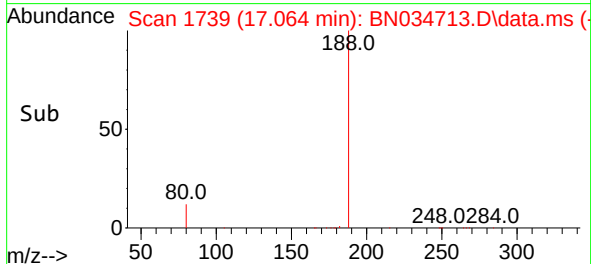
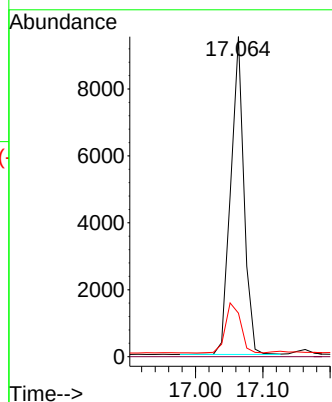
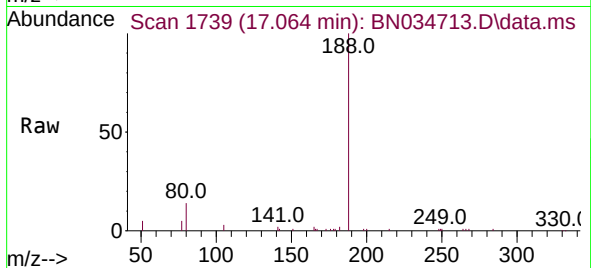
Tgt Ion:188 Resp: 13023

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.6 8.9 13.3#



#25

Phenanthrene

Concen: 0.031 ng

RT: 17.101 min Scan# 1742

Delta R.T. -0.005 min

Lab File: BN034713.D

Acq: 25 Oct 2024 04:14

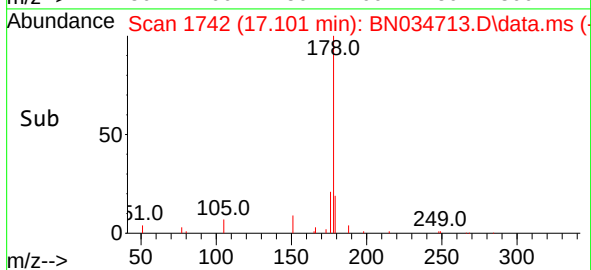
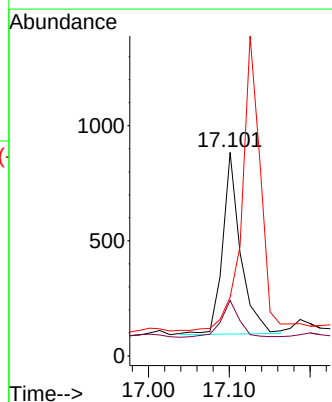
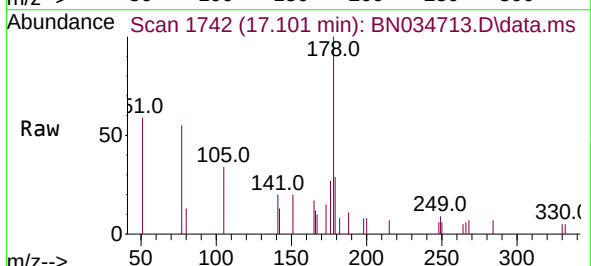
Tgt Ion:178 Resp: 1214

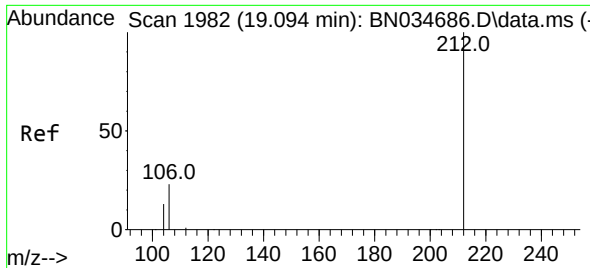
Ion Ratio Lower Upper

178 100

176 20.8 15.4 23.2

179 0.0 12.2 18.4#

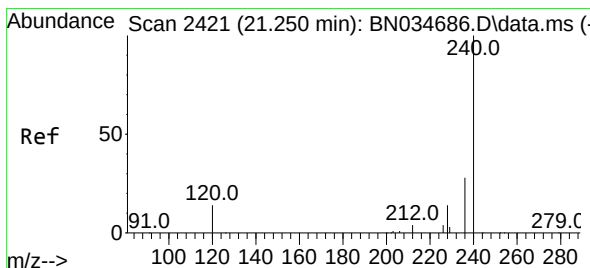
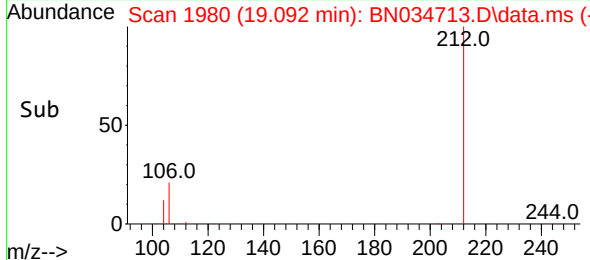
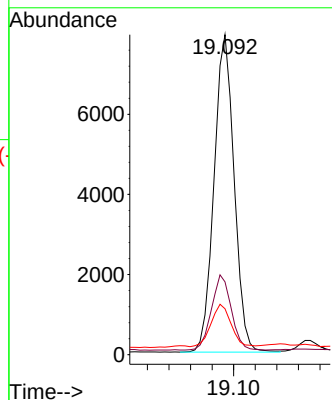
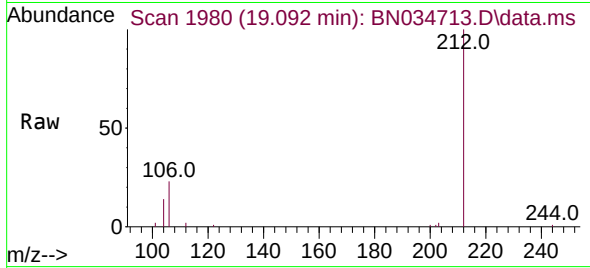




#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.092 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

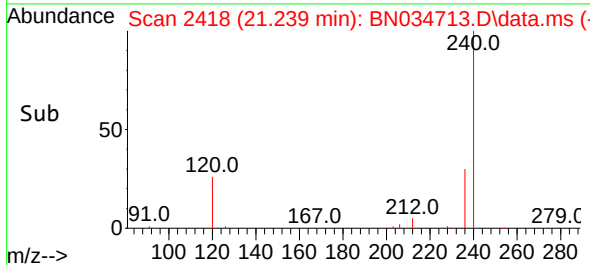
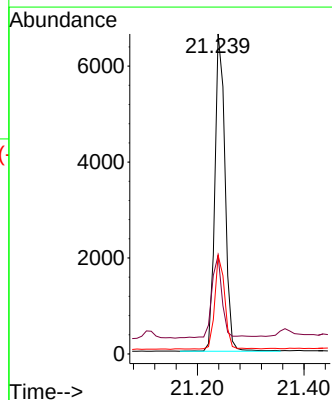
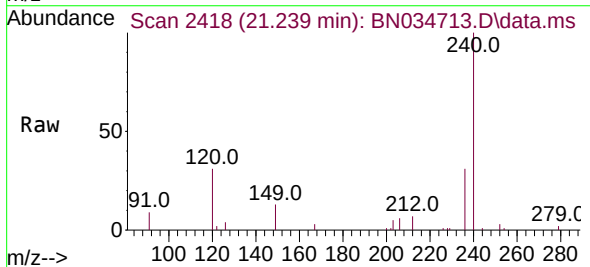
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-58-60

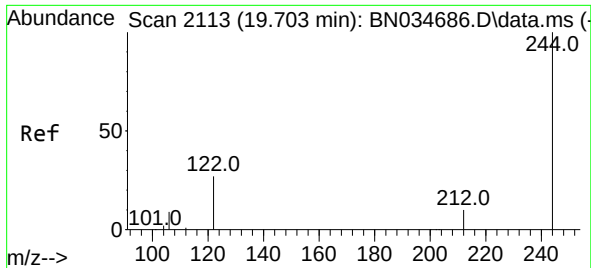
Tgt Ion:212 Resp: 10241
Ion Ratio Lower Upper
212 100
106 23.2 17.8 26.8
104 13.3 10.2 15.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.239 min Scan# 2418
Delta R.T. -0.011 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

Tgt Ion:240 Resp: 8752
Ion Ratio Lower Upper
240 100
120 30.8 14.2 21.2#
236 30.8 23.1 34.7

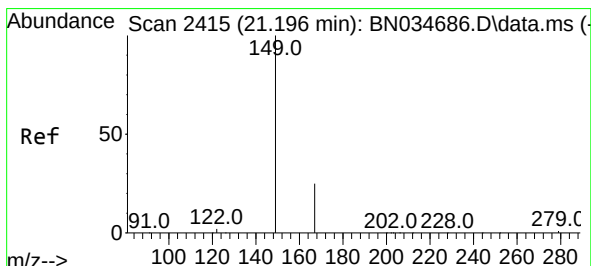
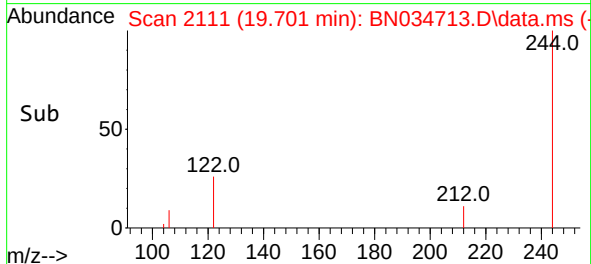
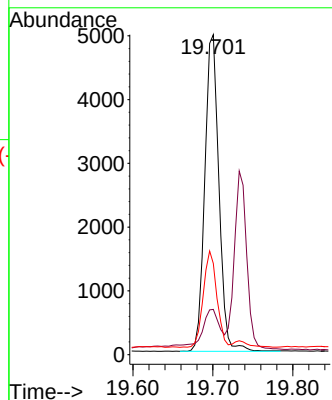
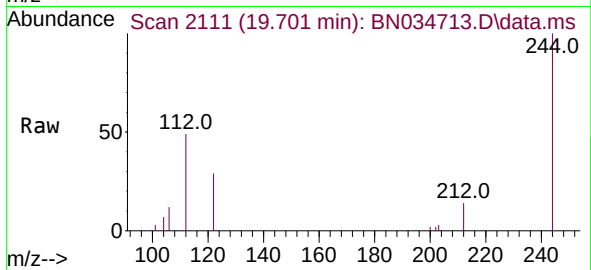




#31
 Terphenyl-d14
 Concen: 0.340 ng
 RT: 19.701 min Scan# 2111
 Delta R.T. -0.002 min
 Lab File: BN034713.D
 Acq: 25 Oct 2024 04:14

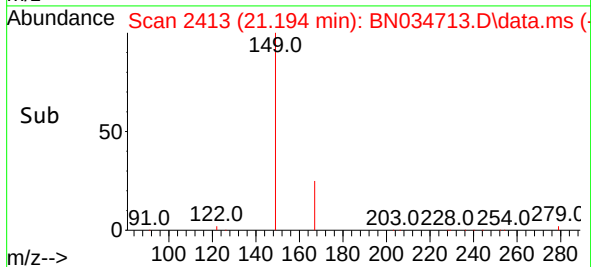
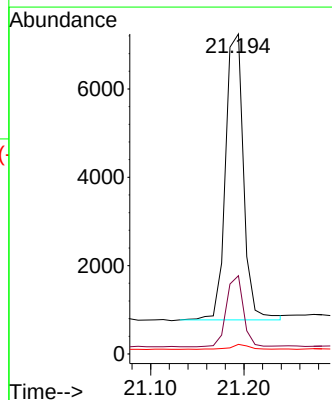
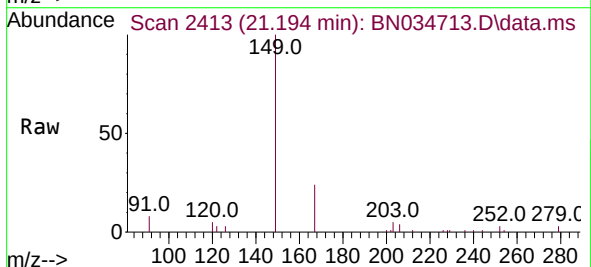
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190-GW-58-60

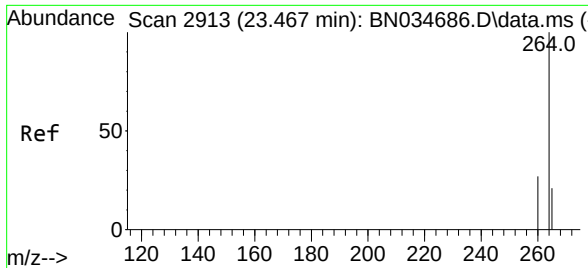
Tgt Ion:244 Resp: 6074
 Ion Ratio Lower Upper
 244 100
 212 14.1 8.6 13.0#
 122 28.5 22.3 33.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.456 ng
 RT: 21.194 min Scan# 2413
 Delta R.T. -0.002 min
 Lab File: BN034713.D
 Acq: 25 Oct 2024 04:14

Tgt Ion:149 Resp: 8652
 Ion Ratio Lower Upper
 149 100
 167 23.5 19.7 29.5
 279 1.7 1.8 2.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.459 min Scan# 2913
Delta R.T. -0.008 min
Lab File: BN034713.D
Acq: 25 Oct 2024 04:14

Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-58-60

Tgt Ion:264 Resp: 8544

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.9	32.9
265	77.6	60.6	91.0

