

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
 Data File : BN034855.D
 Acq On : 05 Nov 2024 00:33
 Operator : RC/JU
 Sample : P4600-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190-GW-478-480

Quant Time: Nov 05 01:05:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 00:03:28 2024
 Response via : Initial Calibration

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

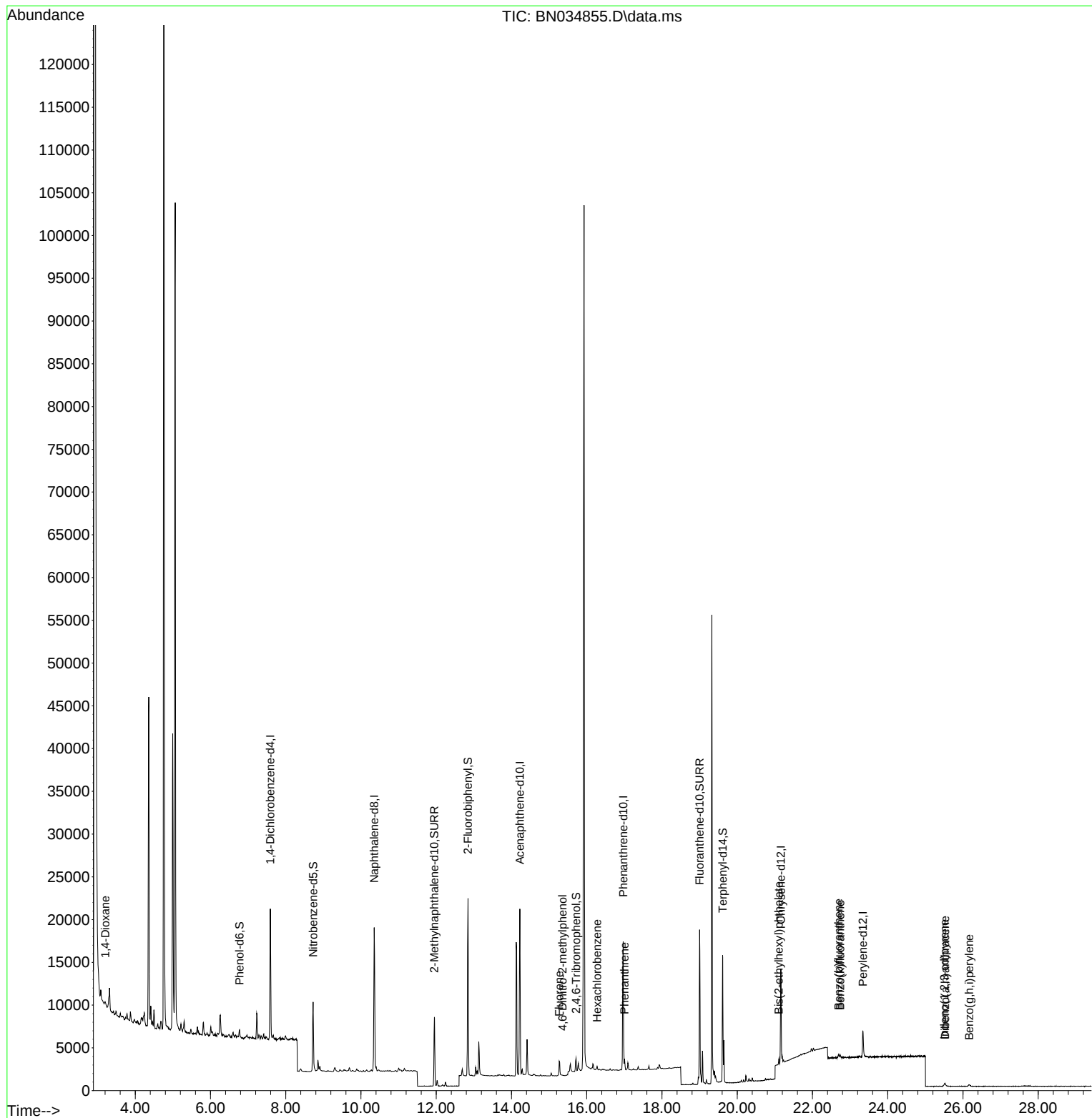
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	6889	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	21222	0.400	ng	# 0.00
13) Acenaphthene-d10	14.222	164	10585	0.400	ng	0.00
19) Phenanthrene-d10	16.970	188	19498	0.400	ng	0.00
29) Chrysene-d12	21.160	240	8880	0.400	ng	# 0.00
35) Perylene-d12	23.341	264	4054	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	392	0.019	ng	0.00
5) Phenol-d6	6.773	99	604	0.022	ng	0.00
8) Nitrobenzene-d5	8.728	82	6325	0.379	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	10932	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.716	330	850	0.163	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	17335	0.416	ng	0.00
27) Fluoranthene-d10	19.001	212	17145	0.375	ng	0.00
31) Terphenyl-d14	19.614	244	11727	0.615	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	279	0.037	ng	# 1
18) Fluorene	15.270	166	1259	0.029	ng	# 58
20) 4,6-Dinitro-2-methylph...	15.355	198	26	0.187	ng	# 1
22) Hexachlorobenzene	16.275	284	272	0.022	ng	93
25) Phenanthrene	17.007	178	1203	0.021	ng	95
34) Bis(2-ethylhexyl)phtha...	21.107	149	629	0.021	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.510	276	384	0.026	ng	# 77
37) Benzo(b)fluoranthene	22.692	252	473	0.029	ng	# 1
38) Benzo(k)fluoranthene	22.738	252	361	0.023	ng	# 1
40) Dibenzo(a,h)anthracene	25.525	278	277	0.024	ng	# 1
41) Benzo(g,h,i)perylene	26.168	276	300	0.024	ng	# 27

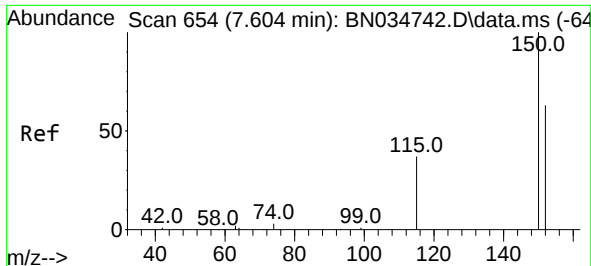
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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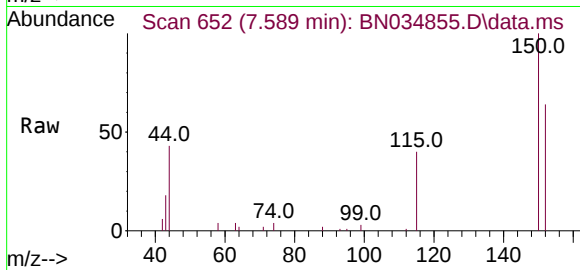
Quant Time: Nov 05 01:05:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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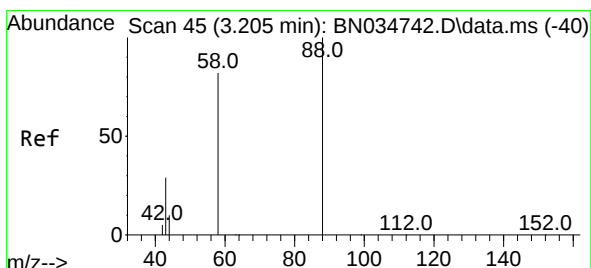
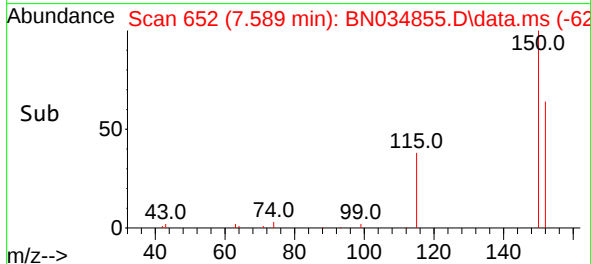
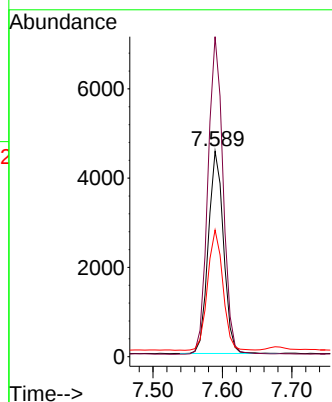


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN034855.D
 Acq: 05 Nov 2024 00:33

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190-GW-478-480

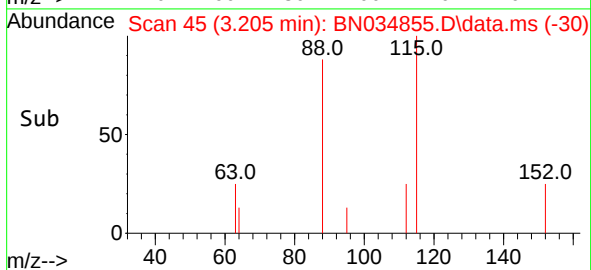
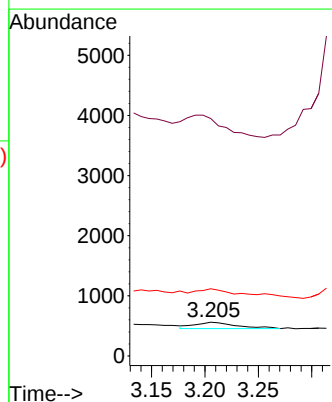
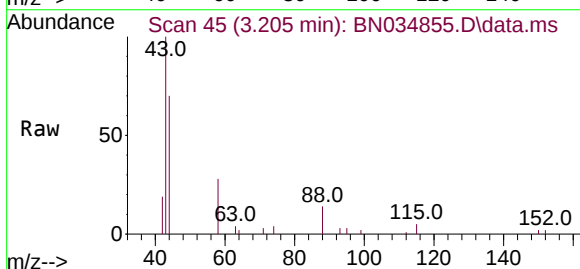


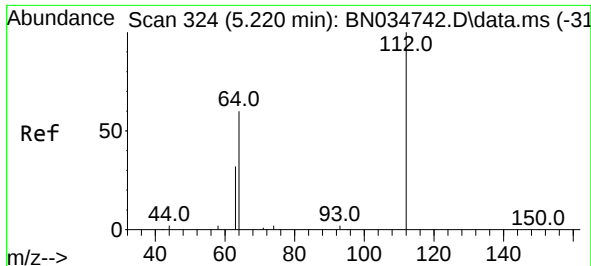
Tgt Ion: 152 Resp: 6889
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.9 187.3
 115 61.7 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.037 ng
 RT: 3.205 min Scan# 45
 Delta R.T. 0.007 min
 Lab File: BN034855.D
 Acq: 05 Nov 2024 00:33

Tgt Ion: 88 Resp: 279
 Ion Ratio Lower Upper
 88 100
 43 344.8 26.7 40.1#
 58 98.6 59.3 88.9#





#4

2-Fluorophenol

Concen: 0.019 ng

RT: 5.213 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN034855.D

Acq: 05 Nov 2024 00:33

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190-GW-478-480

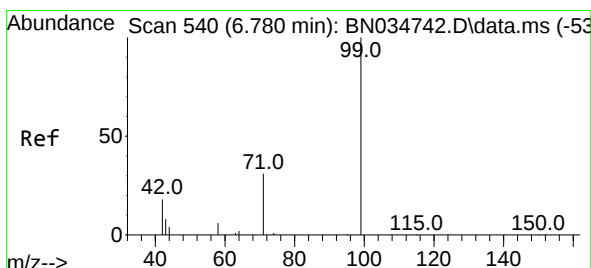
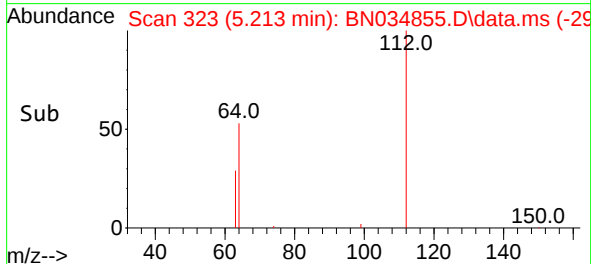
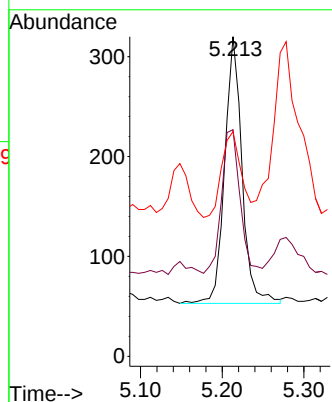
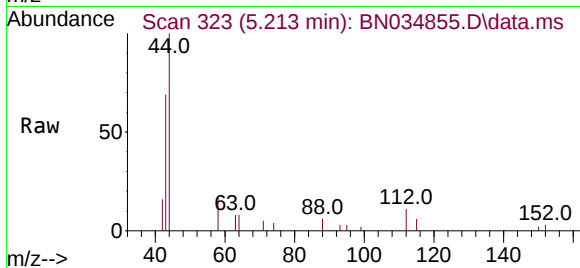
Tgt Ion:112 Resp: 392

Ion Ratio Lower Upper

112 100

64 57.4 44.9 67.3

63 36.0 23.5 35.3#



#5

Phenol-d6

Concen: 0.022 ng

RT: 6.773 min Scan# 539

Delta R.T. 0.007 min

Lab File: BN034855.D

Acq: 05 Nov 2024 00:33

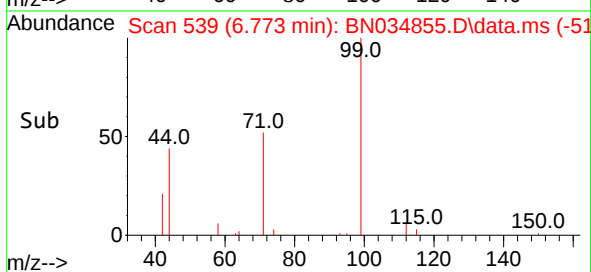
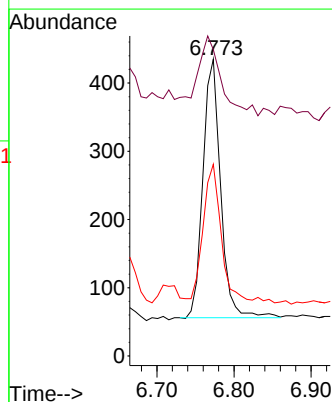
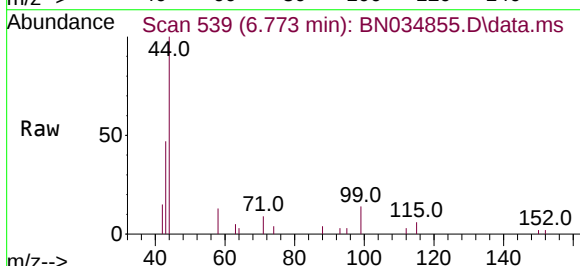
Tgt Ion: 99 Resp: 604

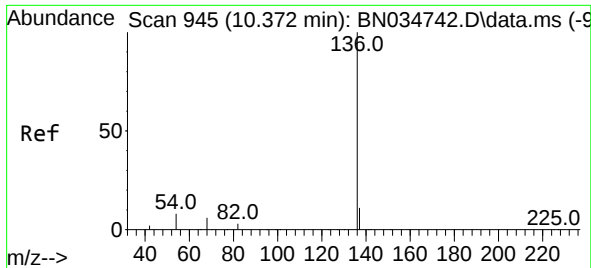
Ion Ratio Lower Upper

99 100

42 42.1 15.9 23.9#

71 51.7 24.3 36.5#

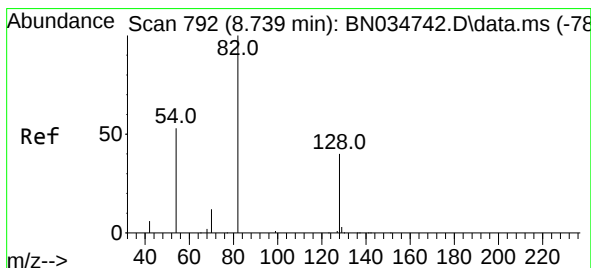
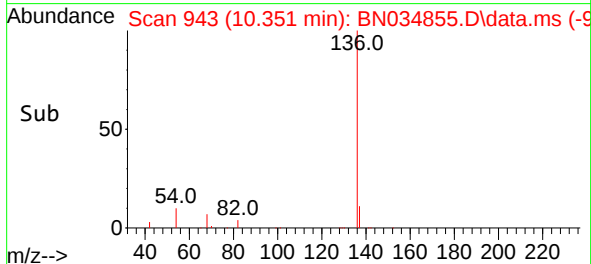
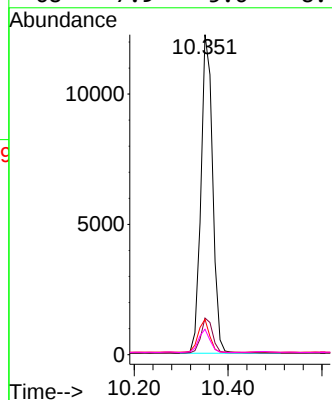
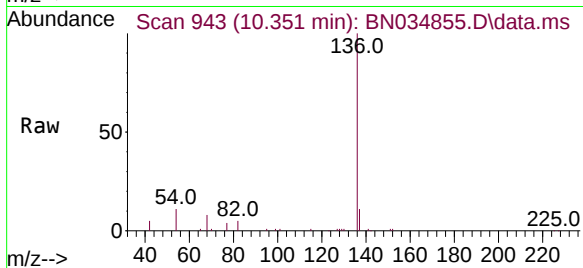




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

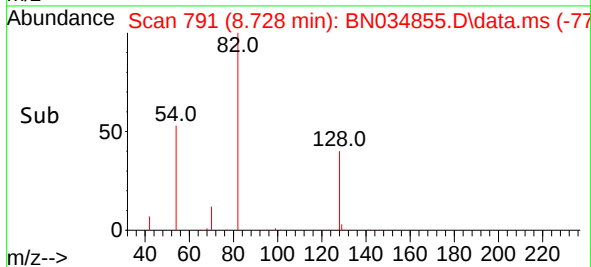
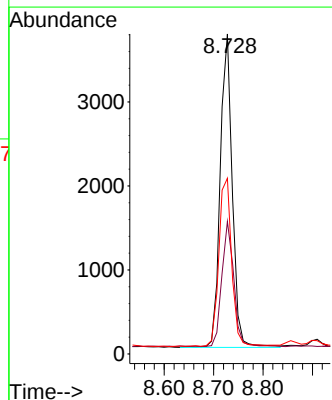
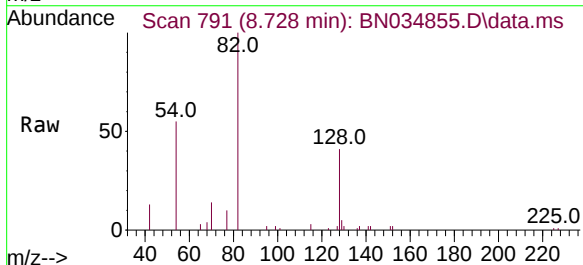
Instrument :
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BP-VPB-190-GW-478-480

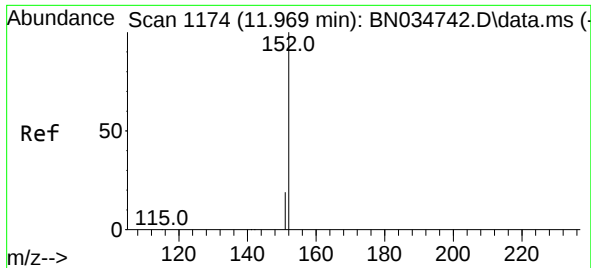
Tgt Ion:	136	Resp:	21222
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.2	13.8
54	11.1	7.0	10.4
68	7.9	5.6	8.4



#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 8.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

Tgt Ion:	82	Resp:	6325
Ion Ratio	Lower	Upper	
82	100		
128	41.4	33.7	50.5
54	54.9	44.4	66.6





#11

2-Methylnaphthalene-d10

Concen: 0.356 ng

RT: 11.950 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BN034855.D

Acq: 05 Nov 2024 00:33

Instrument :

BNA_N

ClientSampleId :

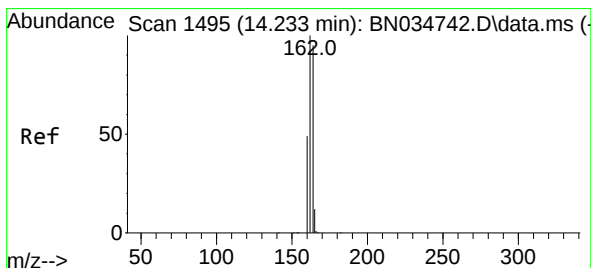
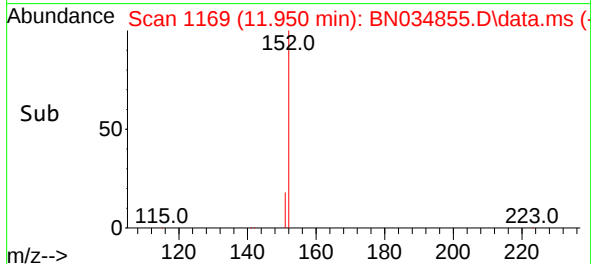
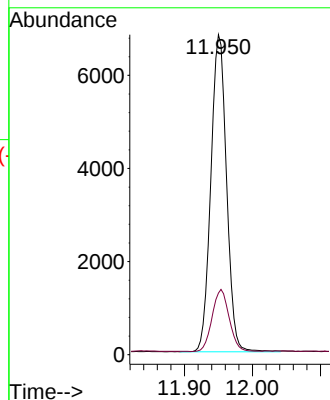
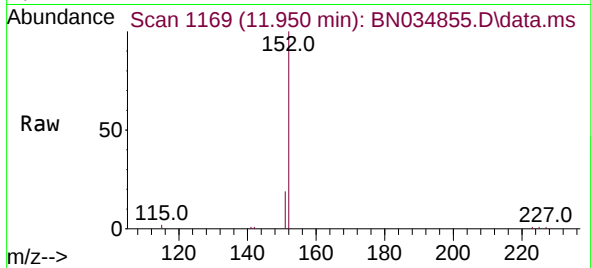
BP-VPB-190-GW-478-480

Tgt Ion:152 Resp: 10932

Ion Ratio Lower Upper

152 100

151 21.2 16.6 24.8



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.222 min Scan# 1494

Delta R.T. -0.000 min

Lab File: BN034855.D

Acq: 05 Nov 2024 00:33

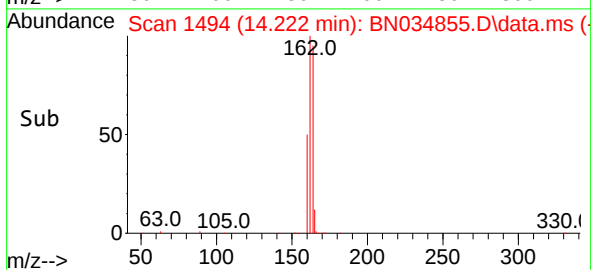
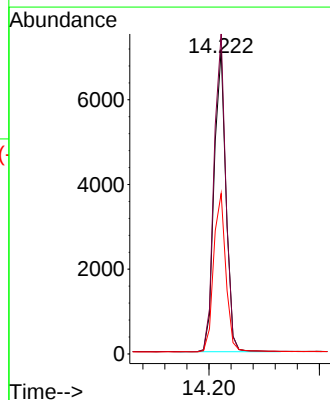
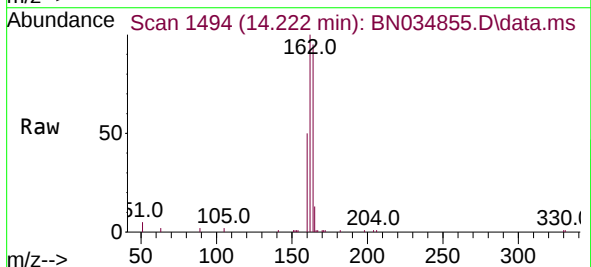
Tgt Ion:164 Resp: 10585

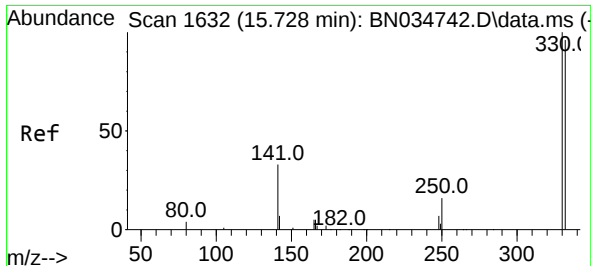
Ion Ratio Lower Upper

164 100

162 105.4 84.3 126.5

160 52.9 41.7 62.5

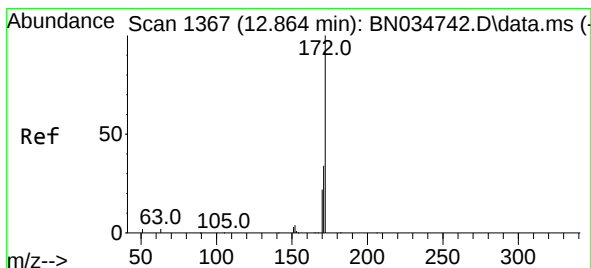
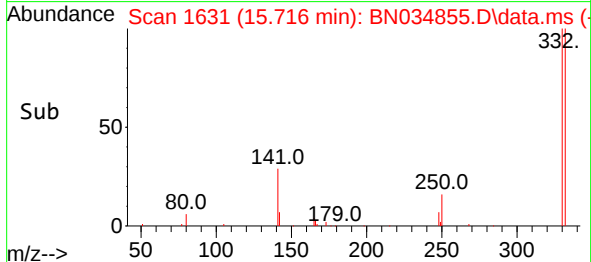
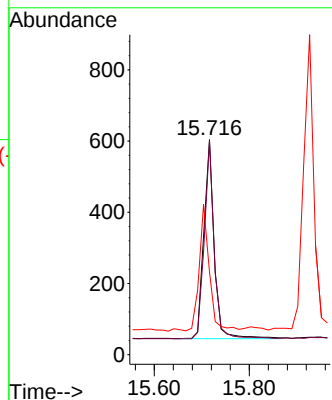
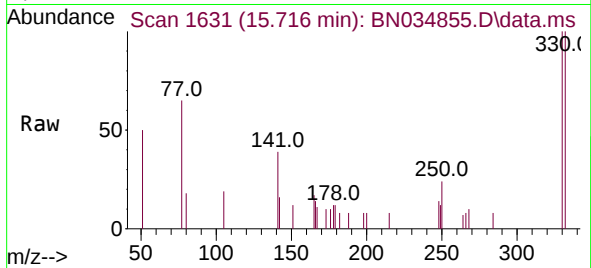




#14
2,4,6-Tribromophenol
Concen: 0.163 ng
RT: 15.716 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

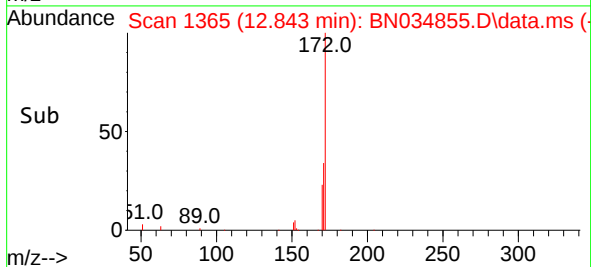
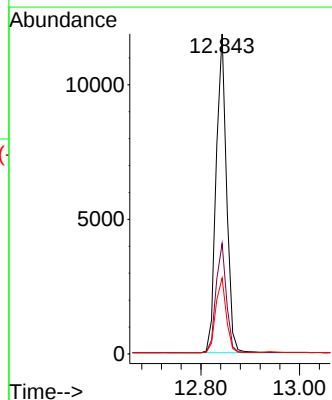
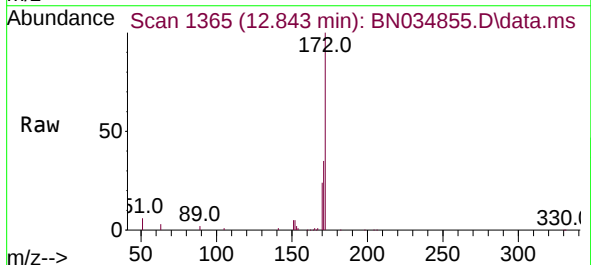
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-478-480

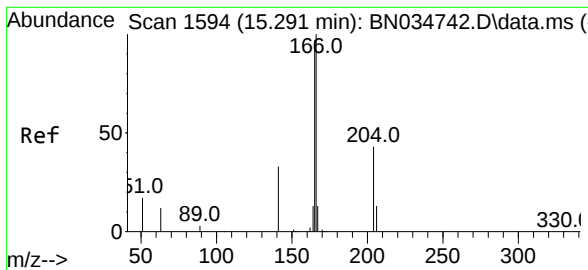
Tgt Ion:330 Resp: 850
Ion Ratio Lower Upper
330 100
332 94.2 77.8 116.6
141 61.5 41.0 61.4#



#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 12.843 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

Tgt Ion:172 Resp: 17335
Ion Ratio Lower Upper
172 100
171 34.5 27.2 40.8
170 23.7 18.0 27.0





#18

Fluorene

Concen: 0.029 ng

RT: 15.270 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN034855.D

Acq: 05 Nov 2024 00:33

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190-GW-478-480

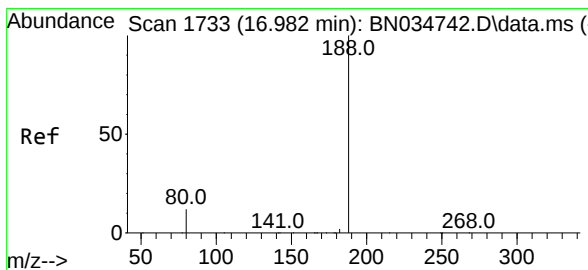
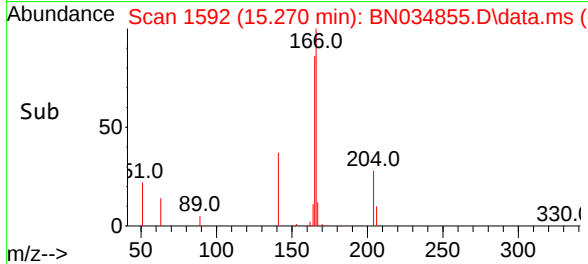
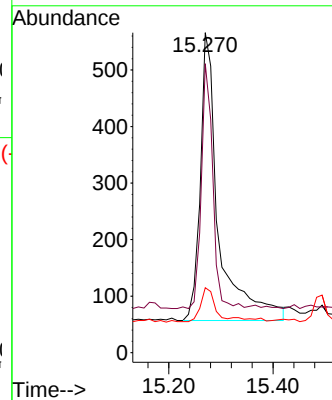
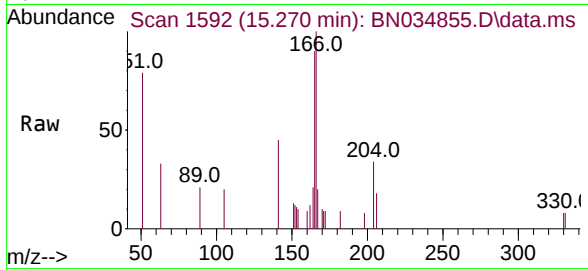
Tgt Ion:166 Resp: 1259

Ion Ratio Lower Upper

166 100

165 52.8 78.5 117.7#

167 8.7 10.8 16.2#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.970 min Scan# 1732

Delta R.T. -0.000 min

Lab File: BN034855.D

Acq: 05 Nov 2024 00:33

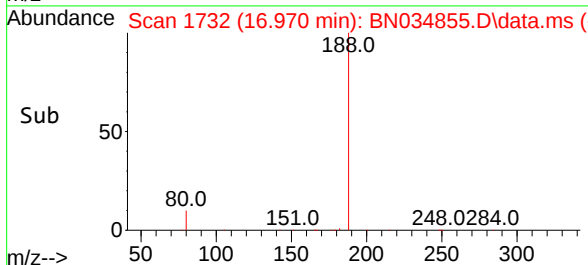
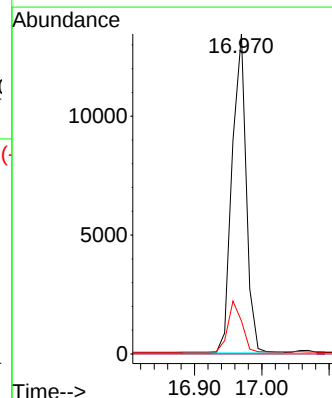
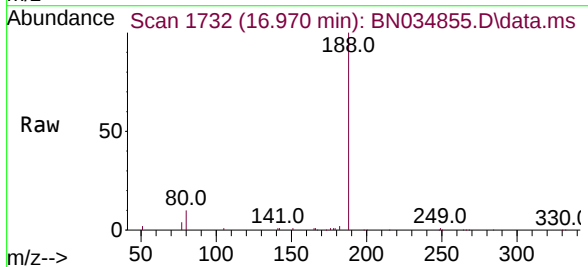
Tgt Ion:188 Resp: 19498

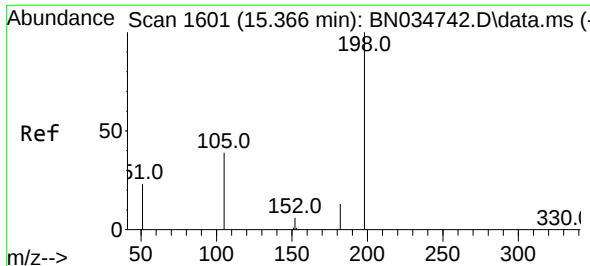
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 9.8 14.6

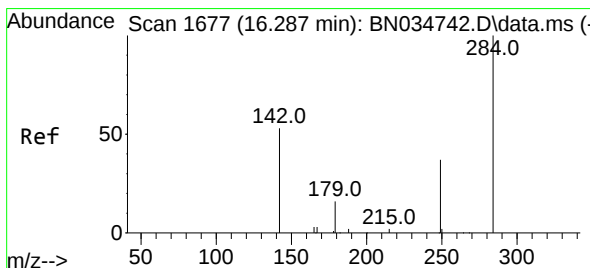
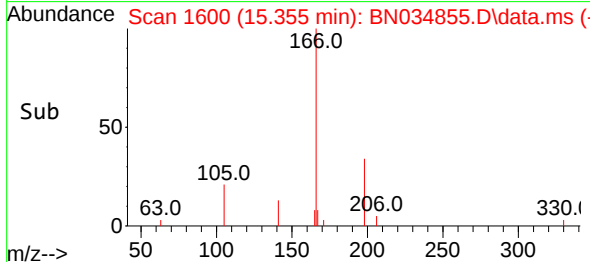
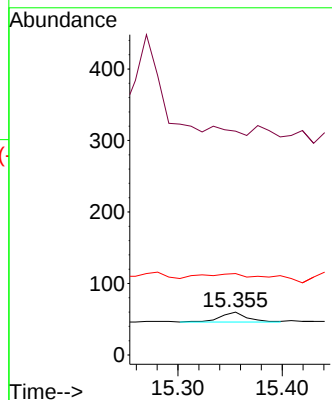
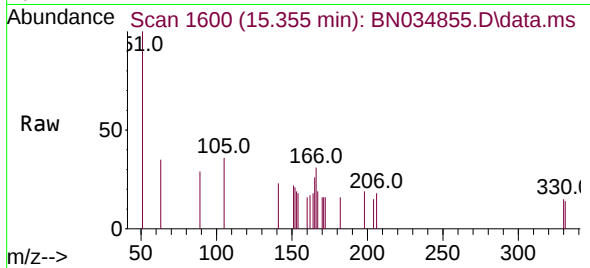




#20
4,6-Dinitro-2-methylphenol
Concen: 0.187 ng
RT: 15.355 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

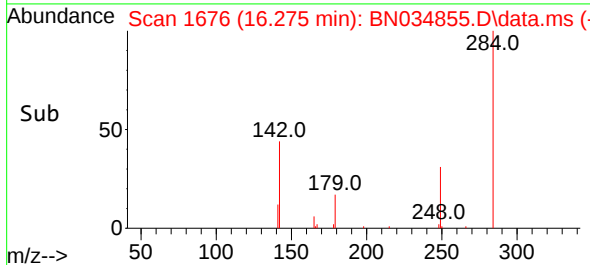
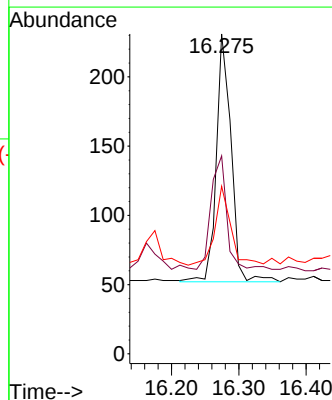
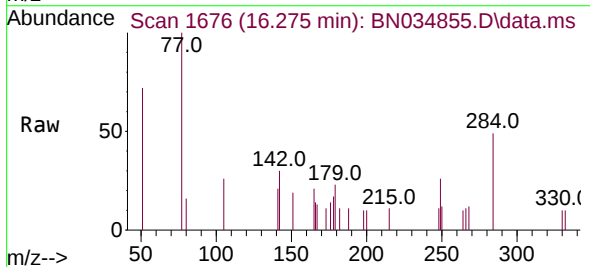
Instrument :
BNA_N
ClientSampleId :
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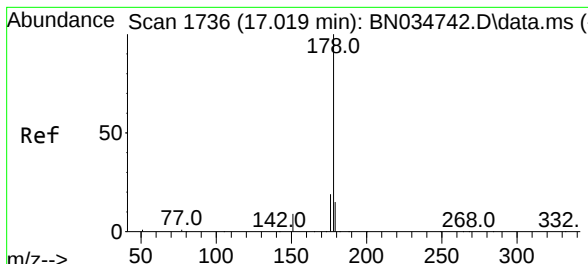
Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
51 521.7 58.0 87.0#
105 190.0 49.1 73.7#



#22
Hexachlorobenzene
Concen: 0.022 ng
RT: 16.275 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

Tgt Ion:284 Resp: 272
Ion Ratio Lower Upper
284 100
142 50.0 35.4 53.0
249 34.2 25.7 38.5

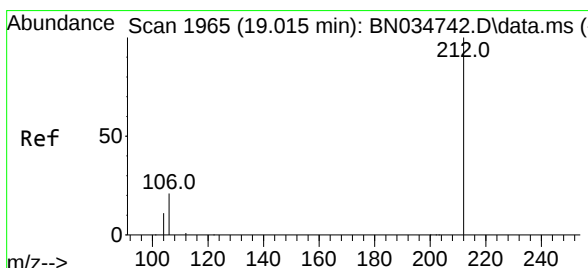
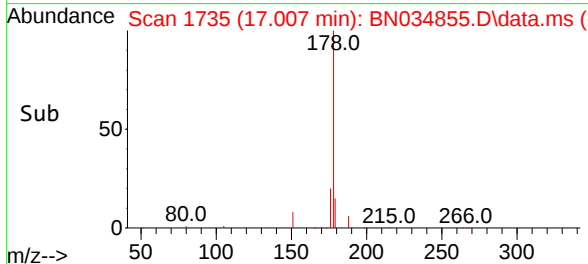
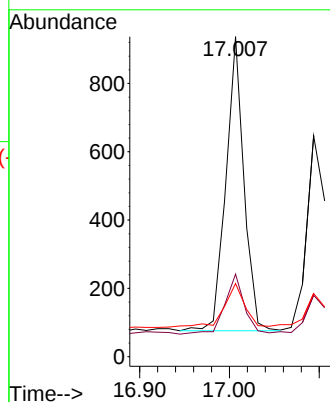
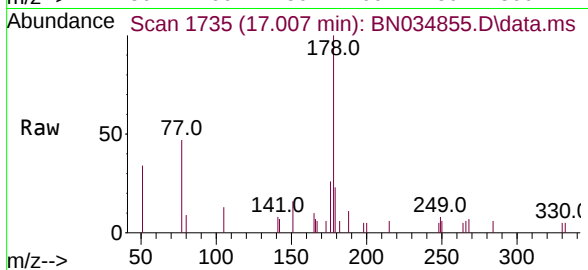




#25
Phenanthrene
Concen: 0.021 ng
RT: 17.007 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

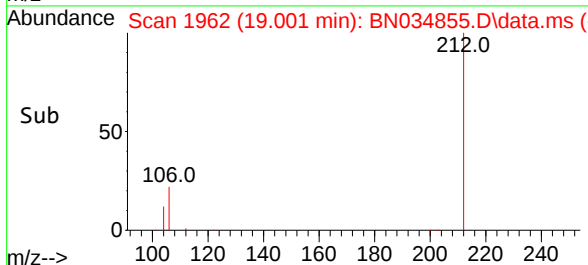
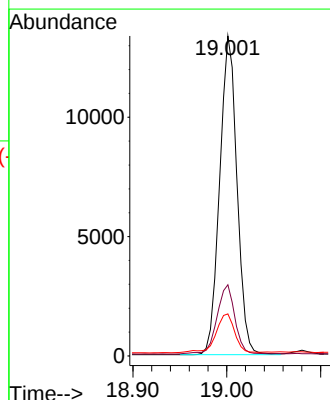
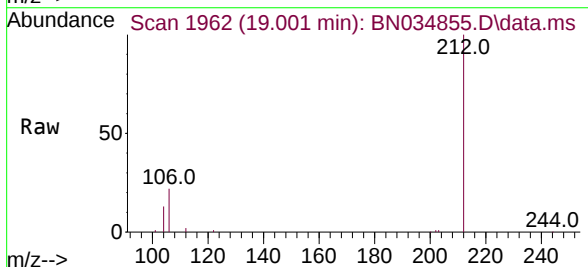
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-478-480

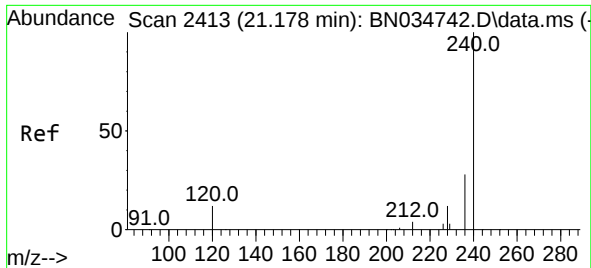
Tgt Ion:	178	Resp:	1203
Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.4	23.0
179	17.0	12.2	18.4



#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.001 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

Tgt Ion:	212	Resp:	17145
Ion	Ratio	Lower	Upper
212	100		
106	22.3	16.1	24.1
104	13.4	9.2	13.8

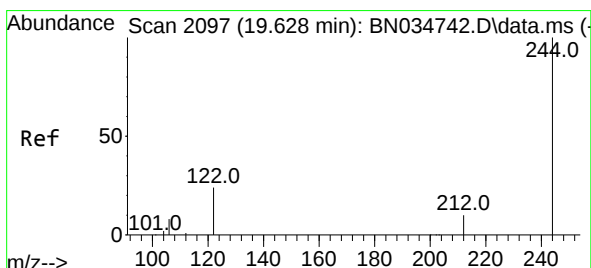
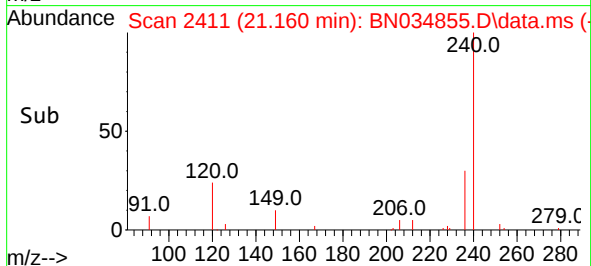
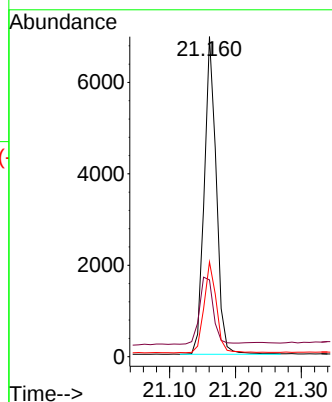
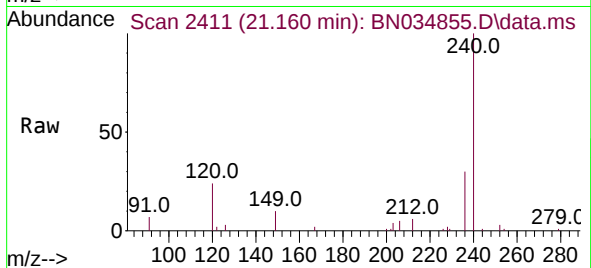




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.160 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

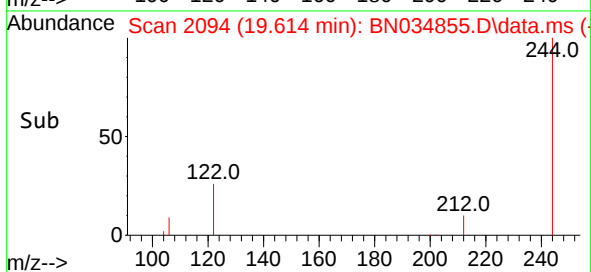
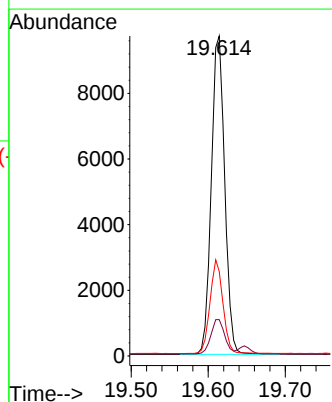
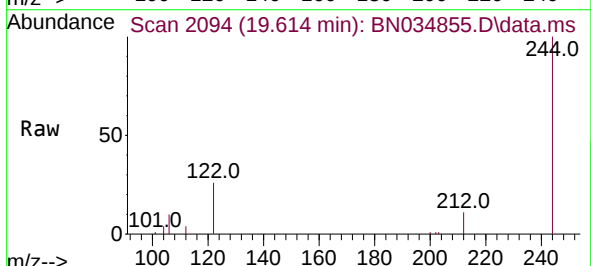
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-478-480

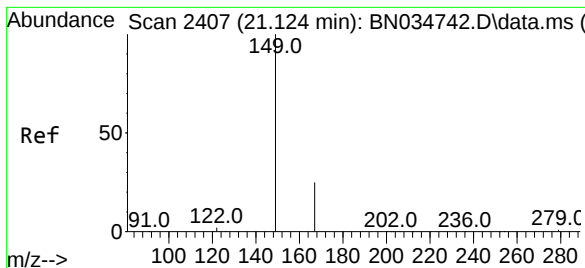
Tgt Ion:240 Resp: 8880
Ion Ratio Lower Upper
240 100
120 24.0 11.5 17.3#
236 29.6 23.2 34.8



#31
Terphenyl-d14
Concen: 0.615 ng
RT: 19.614 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

Tgt Ion:244 Resp: 11727
Ion Ratio Lower Upper
244 100
212 11.3 8.2 12.4
122 26.4 19.8 29.6

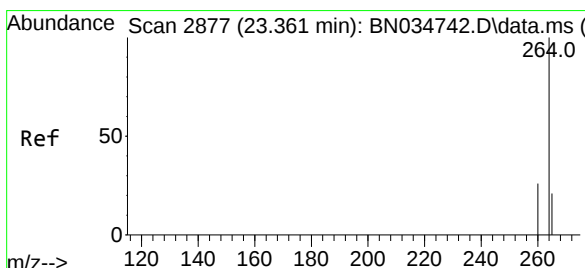
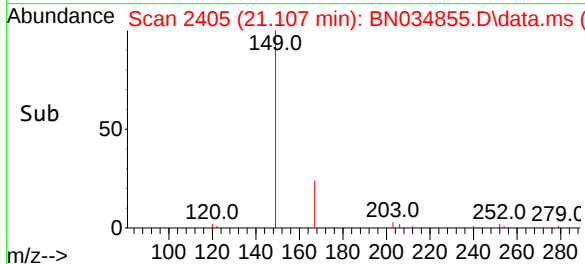
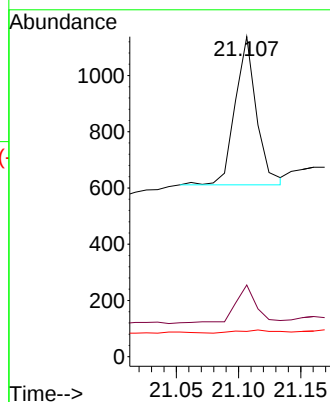
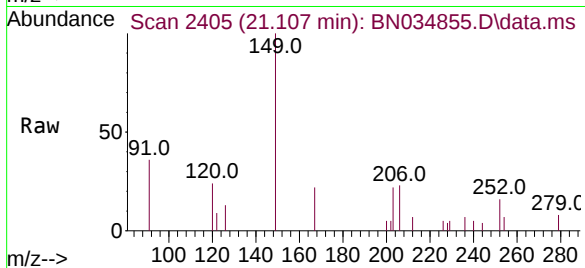




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.021 ng
 RT: 21.107 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: BN034855.D
 Acq: 05 Nov 2024 00:33

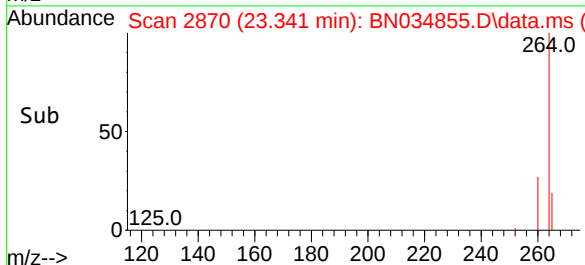
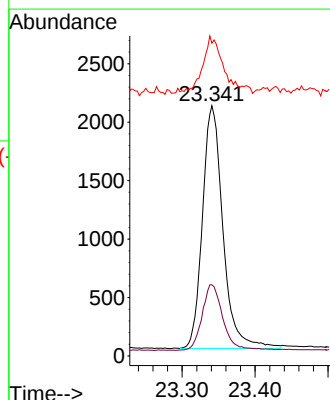
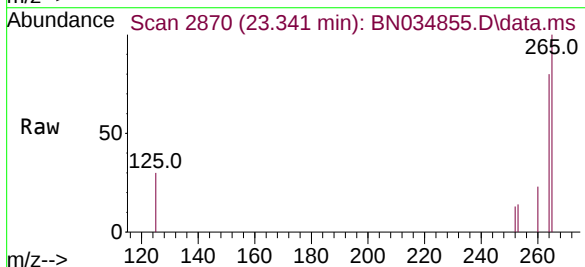
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-190-GW-478-480

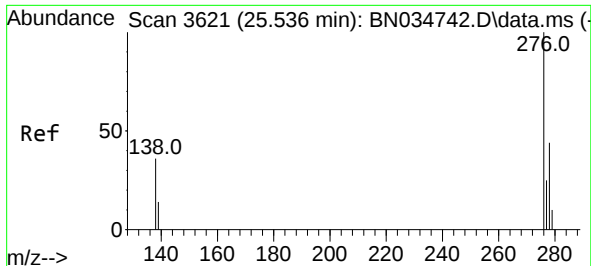
Tgt Ion:149 Resp: 629
 Ion Ratio Lower Upper
 149 100
 167 24.2 20.6 30.8
 279 3.7 1.5 2.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.341 min Scan# 2870
 Delta R.T. 0.006 min
 Lab File: BN034855.D
 Acq: 05 Nov 2024 00:33

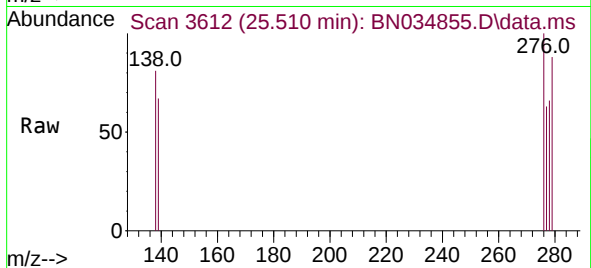
Tgt Ion:264 Resp: 4054
 Ion Ratio Lower Upper
 264 100
 260 28.4 21.5 32.3
 265 125.0 47.5 71.3#



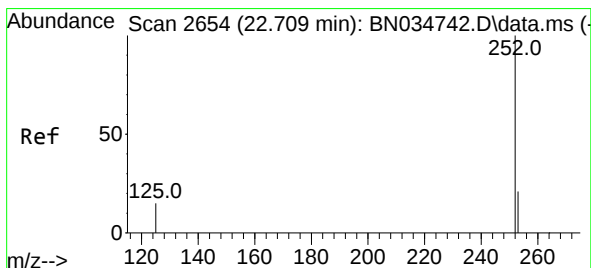
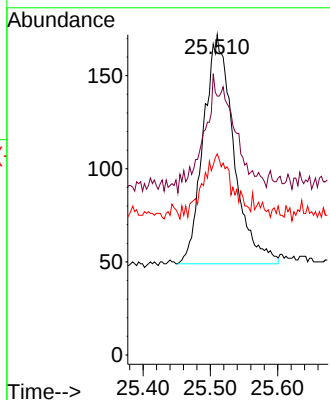
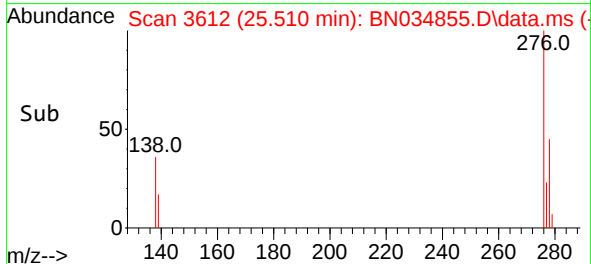


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng
RT: 25.510 min Scan# 3621
Delta R.T. 0.006 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-478-480

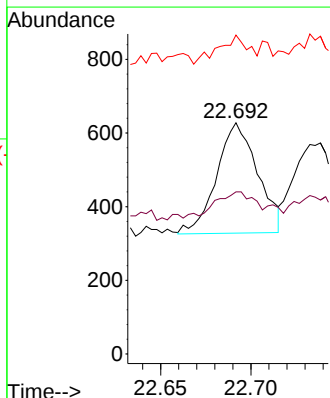
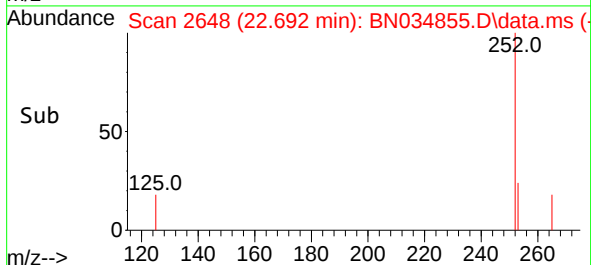
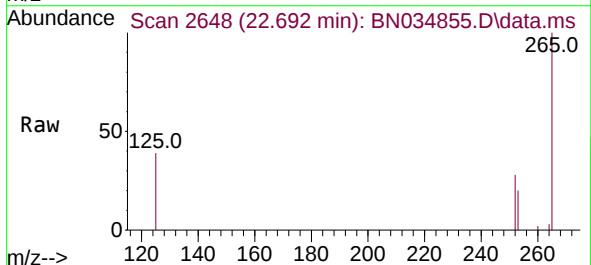


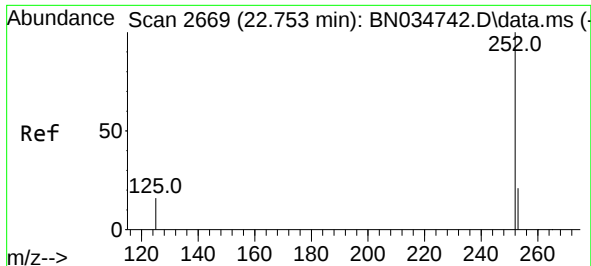
Tgt Ion:276 Resp: 384
Ion Ratio Lower Upper
276 100
138 17.7 31.5 47.3#
277 26.0 19.7 29.5



#37
Benzo(b)fluoranthene
Concen: 0.029 ng
RT: 22.692 min Scan# 2648
Delta R.T. 0.003 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

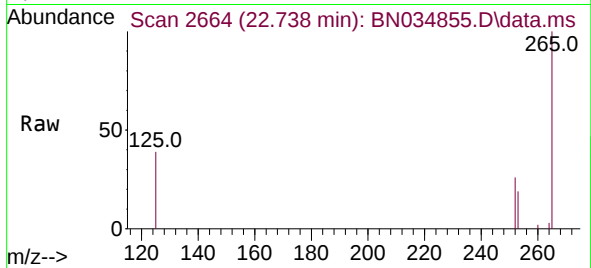
Tgt Ion:252 Resp: 473
Ion Ratio Lower Upper
252 100
253 70.1 19.7 29.5#
125 137.9 17.1 25.7#



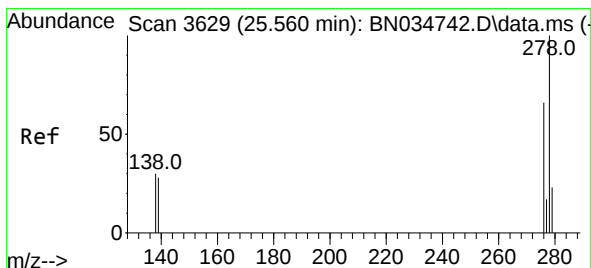
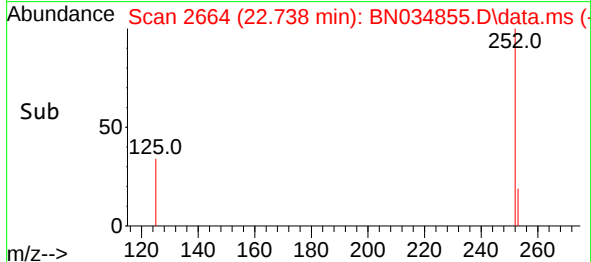
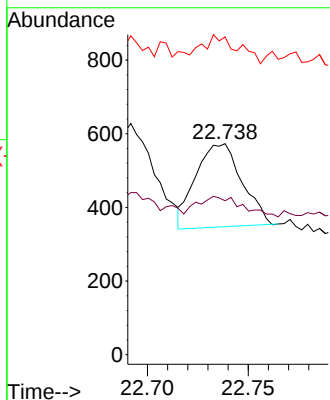


#38
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 22.738 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-478-480

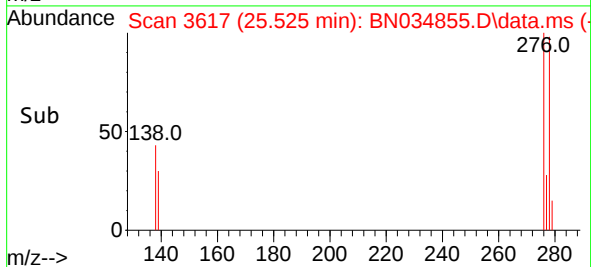
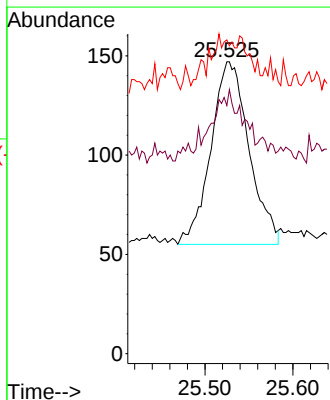
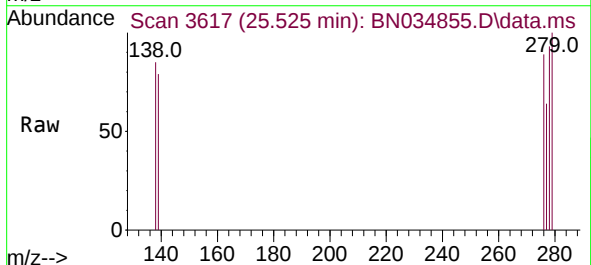


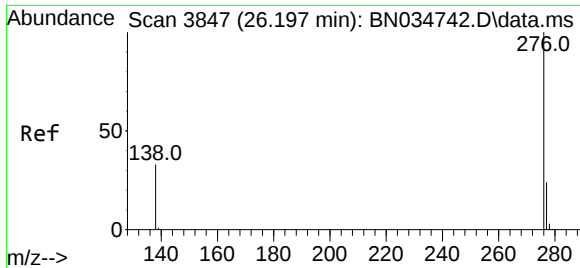
Tgt Ion:252 Resp: 361
Ion Ratio Lower Upper
252 100
253 72.9 19.8 29.6#
125 150.6 18.2 27.2#



#40
Dibenzo(a,h)anthracene
Concen: 0.024 ng
RT: 25.525 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

Tgt Ion:278 Resp: 277
Ion Ratio Lower Upper
278 100
139 85.0 24.9 37.3#
279 107.5 21.0 31.4#





#41

Benzo(g,h,i)perylene

Concen: 0.024 ng

RT: 26.168 min Scan# 31

Delta R.T. 0.003 min

Lab File: BN034855.D

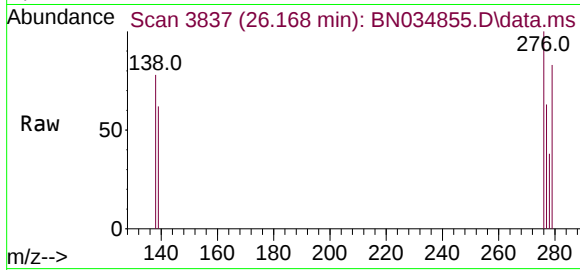
Acq: 05 Nov 2024 00:33

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190-GW-478-480



Tgt Ion:276 Resp: 300

Ion Ratio Lower Upper

276 100

277 62.5 20.2 30.2#

138 78.1 28.7 43.1#

