

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)

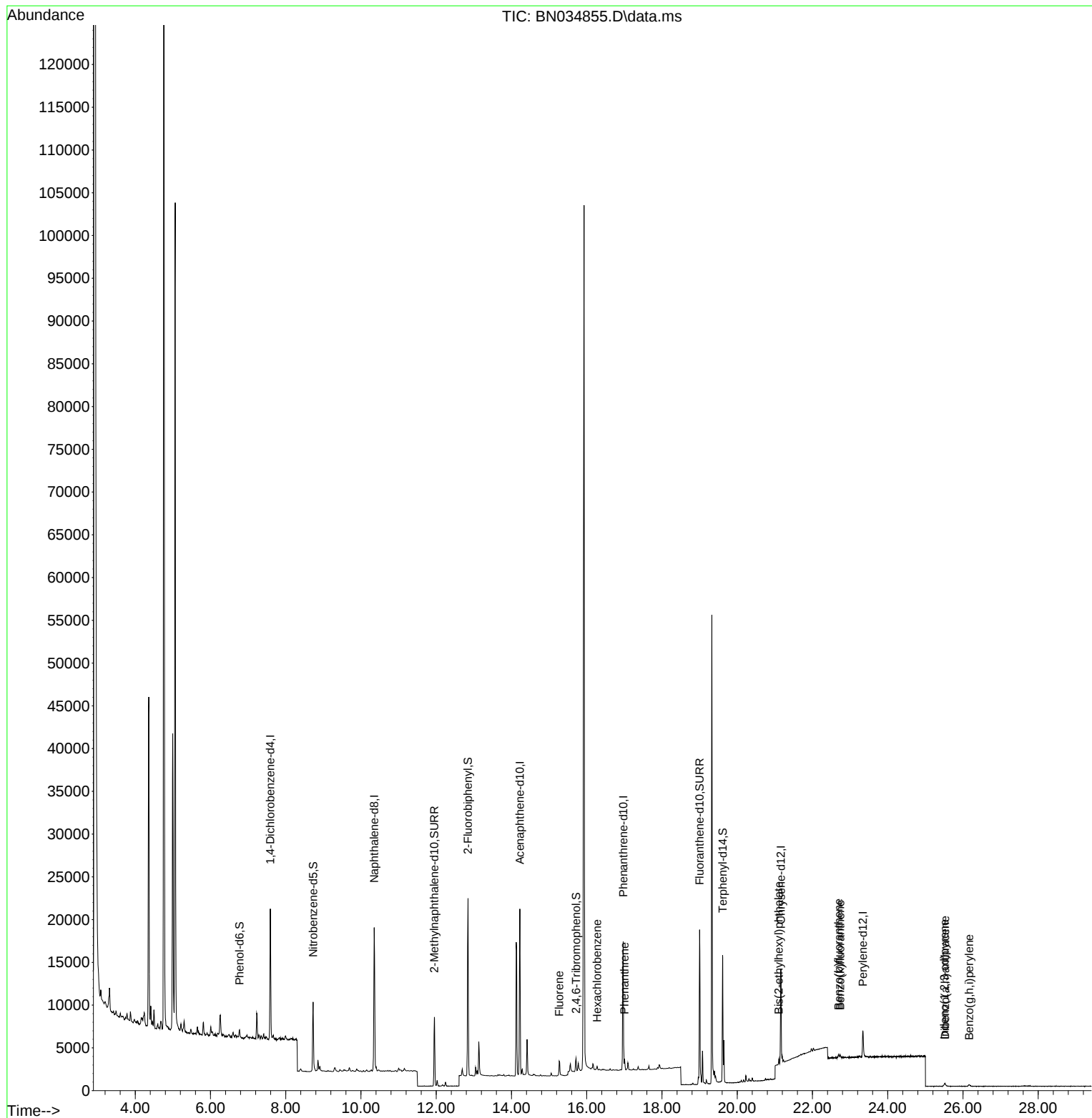
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	6889	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	21222	0.400	ng	# 0.00
13) Acenaphthene-d10	14.222	164	10585	0.400	ng	0.00
19) Phenanthrene-d10	16.970	188	19498	0.400	ng	0.00
29) Chrysene-d12	21.160	240	8880	0.400	ng	# 0.00
35) Perylene-d12	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						
18) Fluorene	15.270	166	1259	0.029	ng	# 58
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

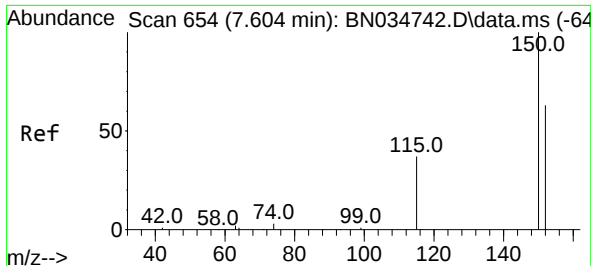
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

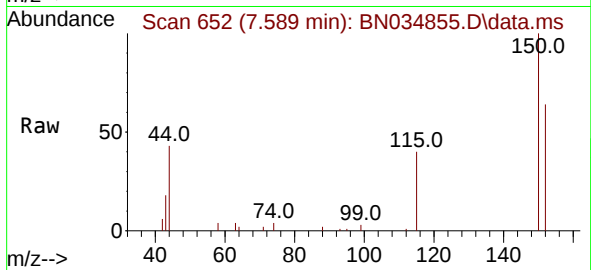
Quant Time: Nov 05 01:05:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration



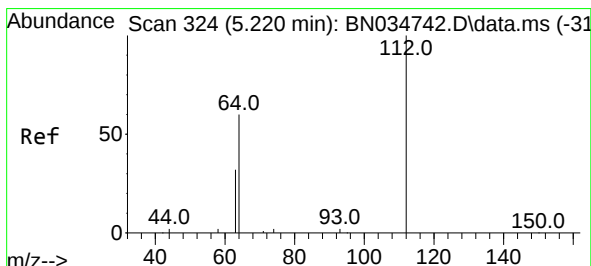
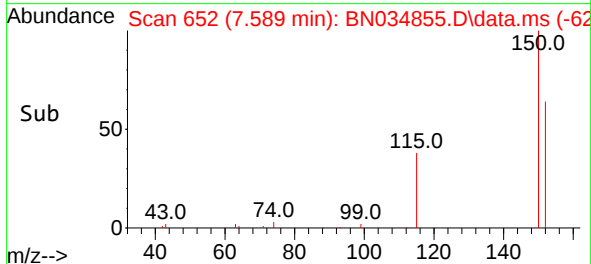
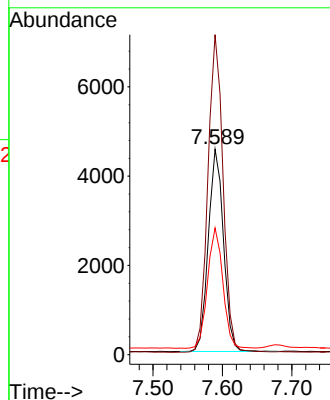


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN034855.D
 Acq: 05 Nov 2024 00:33

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

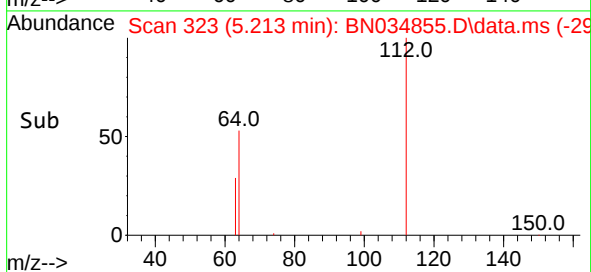
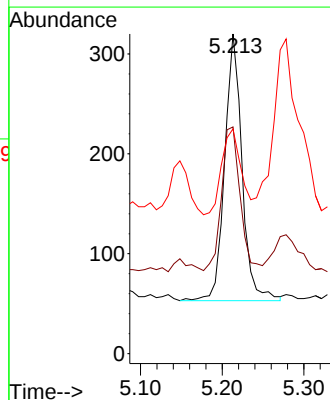
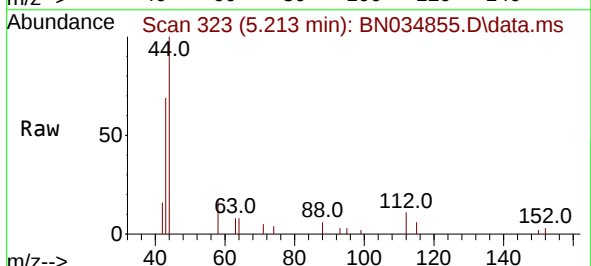


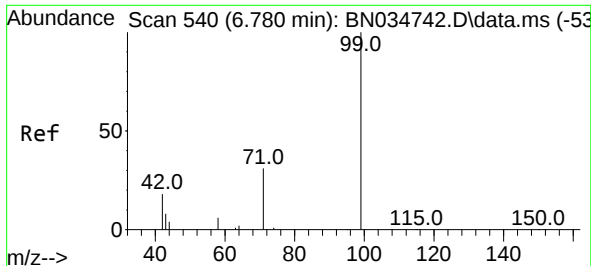
Tgt Ion:152 Resp: 6889
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.9 187.3
 115 61.7 50.2 75.2



#4
 2-Fluorophenol
 Concen: 0.019 ng
 RT: 5.213 min Scan# 323
 Delta R.T. -0.000 min
 Lab File: BN034855.D
 Acq: 05 Nov 2024 00:33

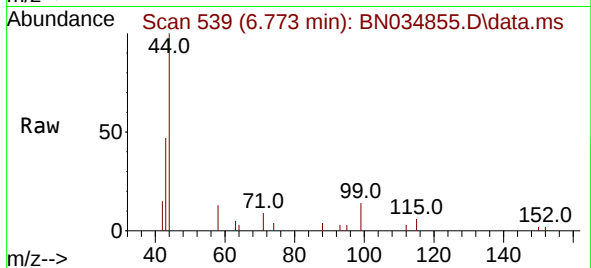
Tgt Ion:112 Resp: 392
 Ion Ratio Lower Upper
 112 100
 64 57.4 44.9 67.3
 63 36.0 23.5 35.3#



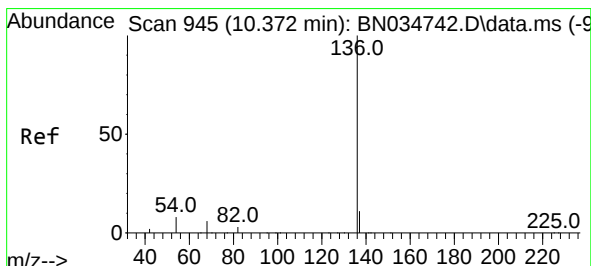
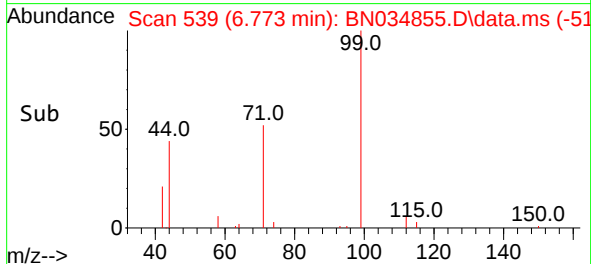
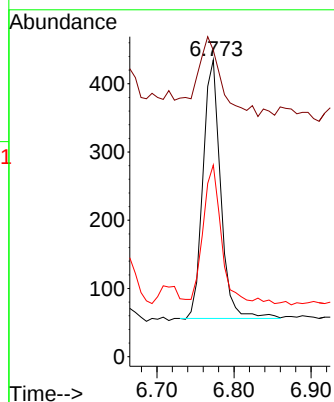


#5
Phenol-d6
Concen: 0.022 ng
RT: 6.773 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

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

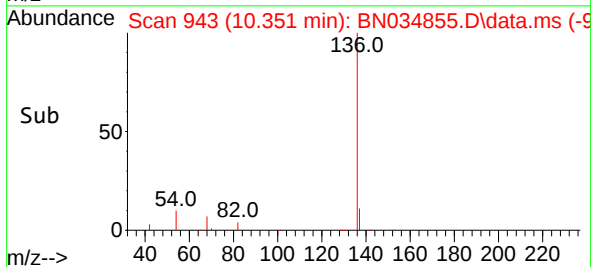
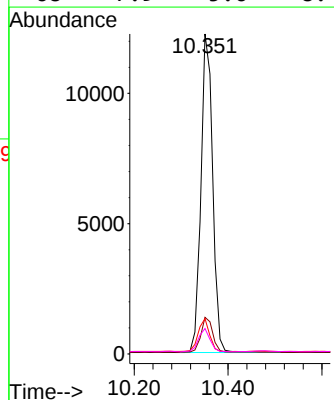
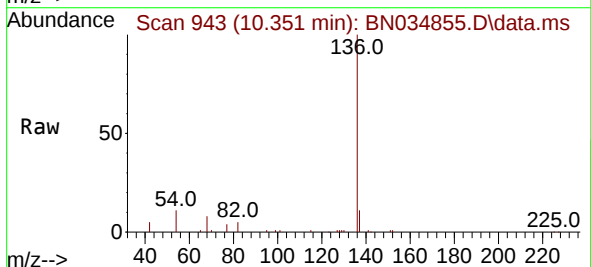


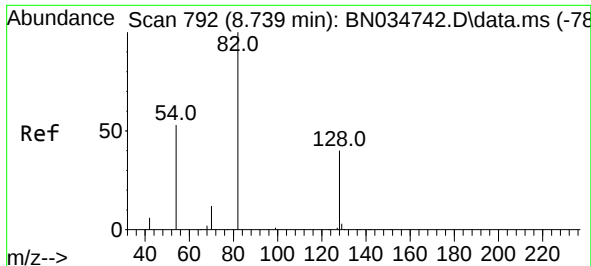
Tgt Ion: 99 Resp: 604
Ion Ratio Lower Upper
99 100
42 42.1 15.9 23.9#
71 51.7 24.3 36.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

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

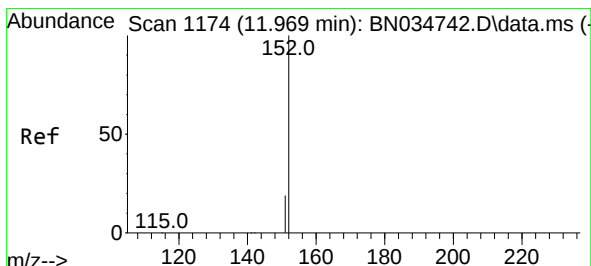
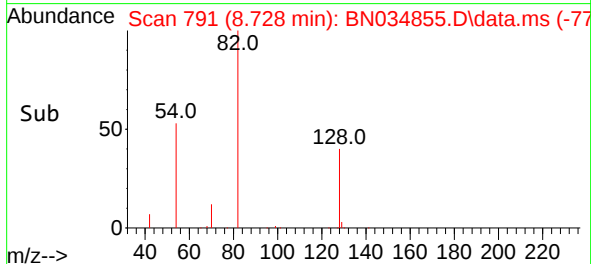
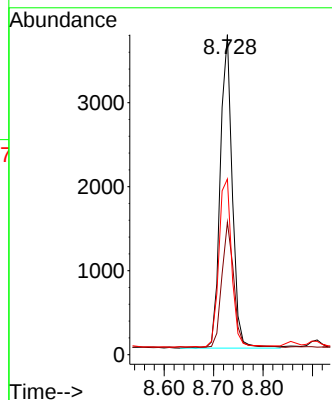
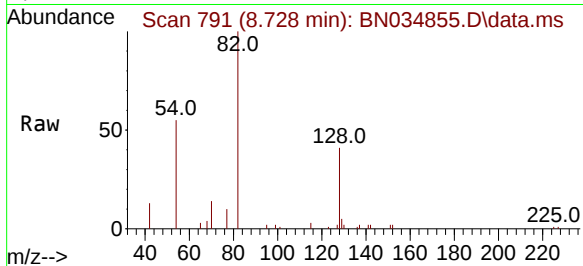




#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 8.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

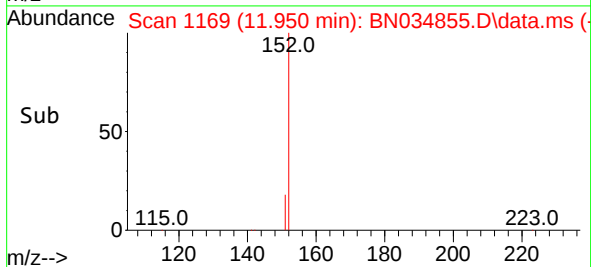
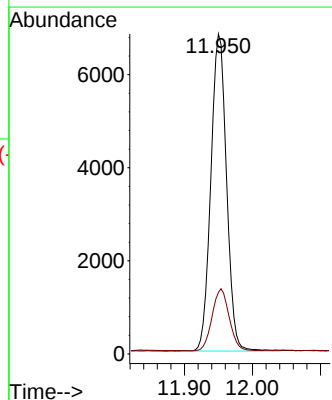
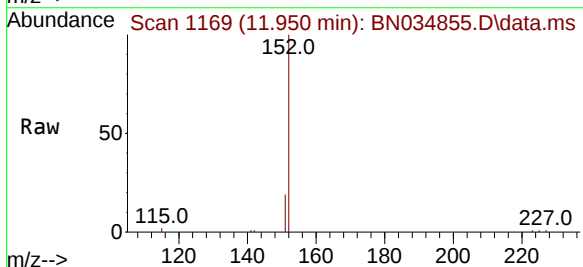
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-478-480

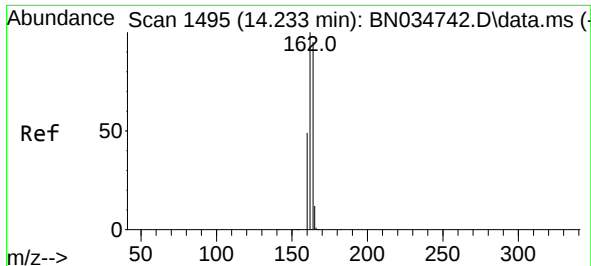
Tgt Ion: 82 Resp: 6325
Ion Ratio Lower Upper
82 100
128 41.4 33.7 50.5
54 54.9 44.4 66.6



#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

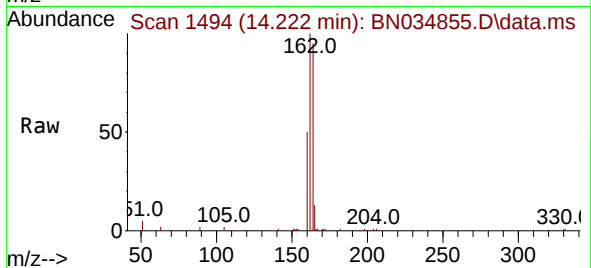
Tgt Ion: 152 Resp: 10932
Ion Ratio Lower Upper
152 100
151 21.2 16.6 24.8



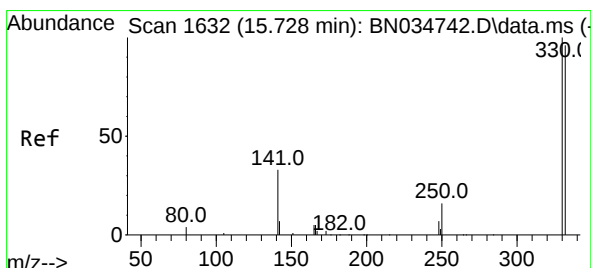
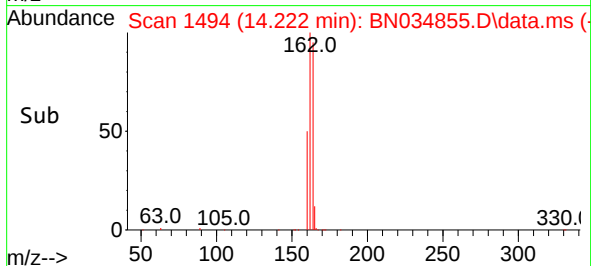
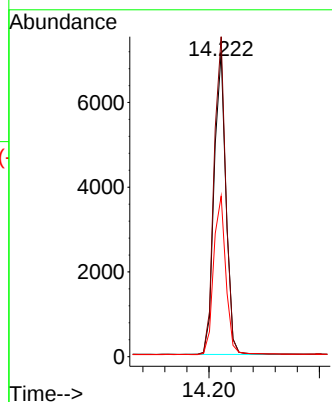


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.222 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

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

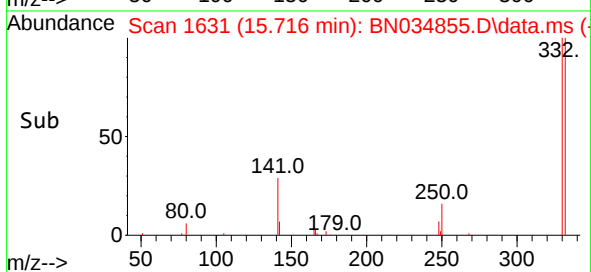
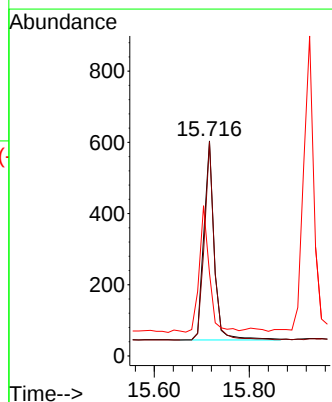
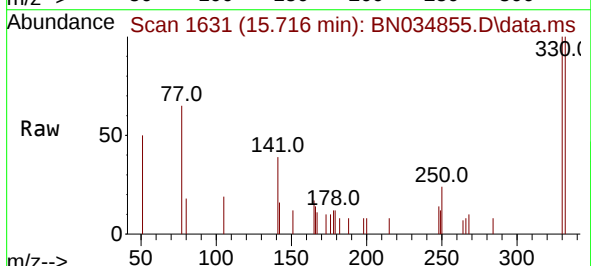


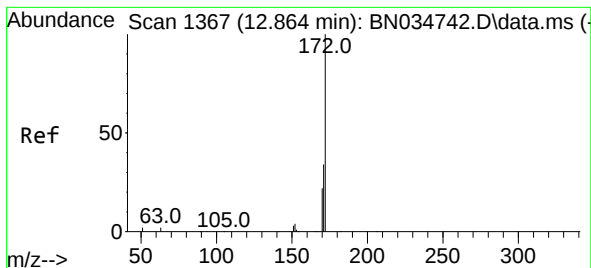
Tgt Ion:164 Resp: 10585
Ion Ratio Lower Upper
164 100
162 105.4 84.3 126.5
160 52.9 41.7 62.5



#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

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# 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

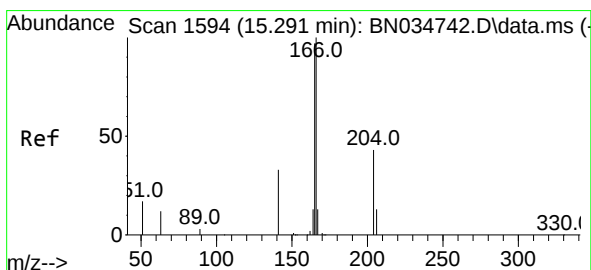
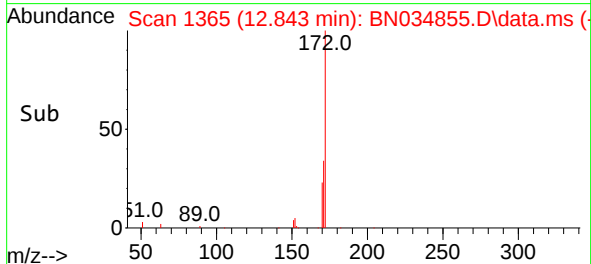
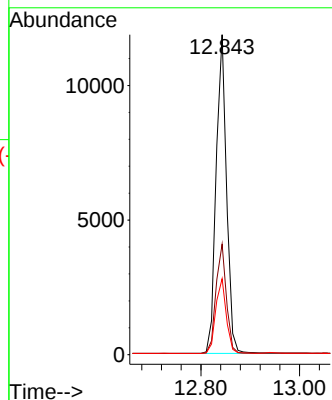
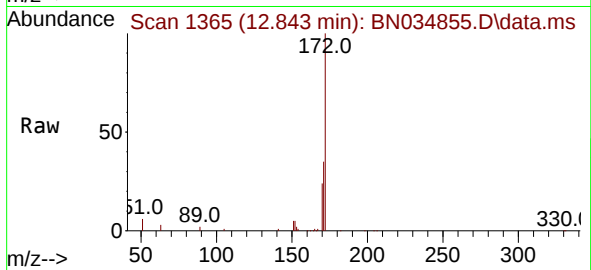
Tgt Ion:172 Resp: 17335

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# 1592

Delta R.T. -0.000 min

Lab File: BN034855.D

Acq: 05 Nov 2024 00:33

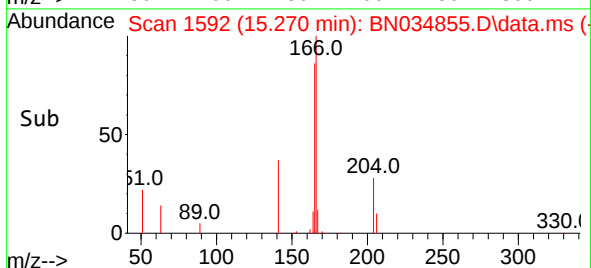
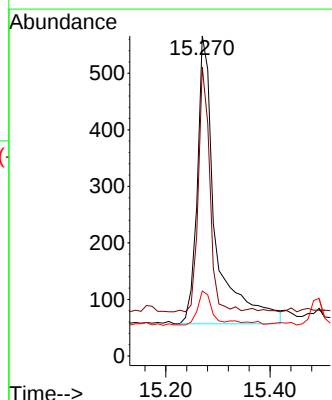
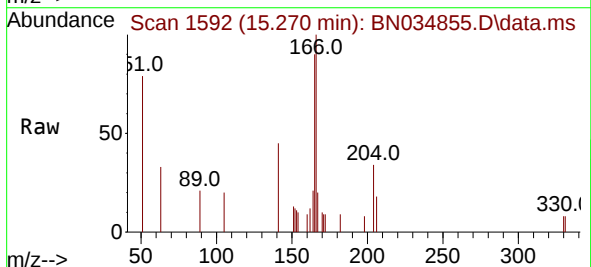
Tgt Ion:166 Resp: 1259

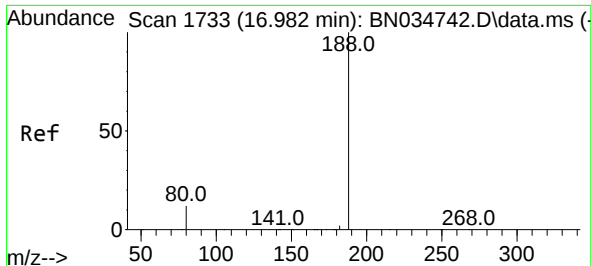
Ion Ratio Lower Upper

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# 1

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

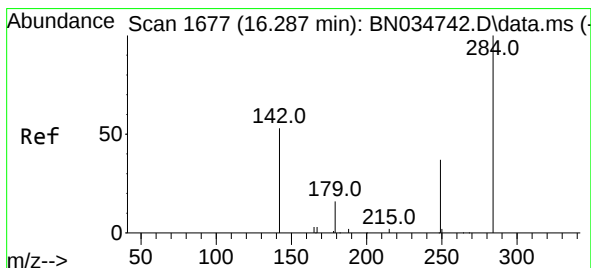
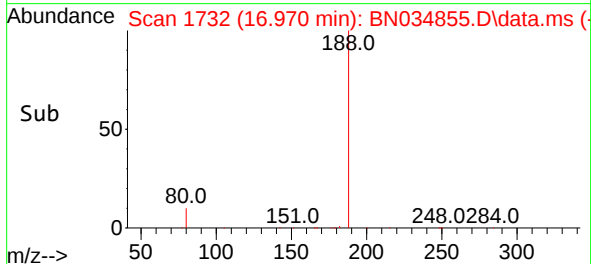
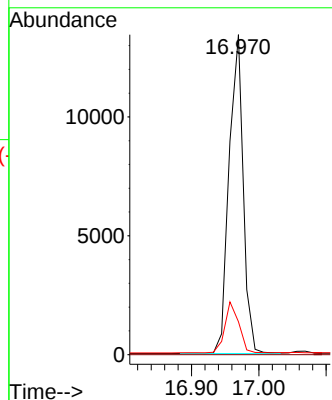
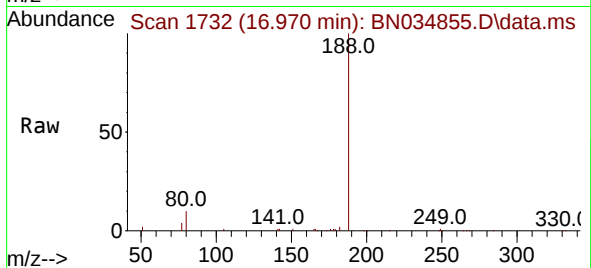
Tgt Ion:188 Resp: 19498

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 9.8 14.6



#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

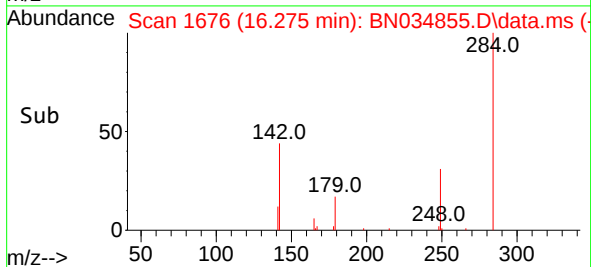
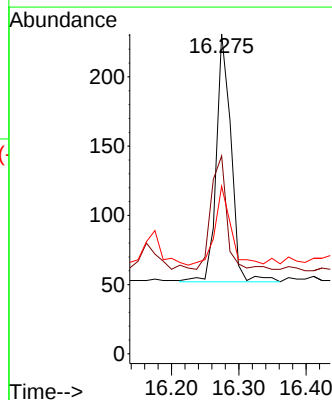
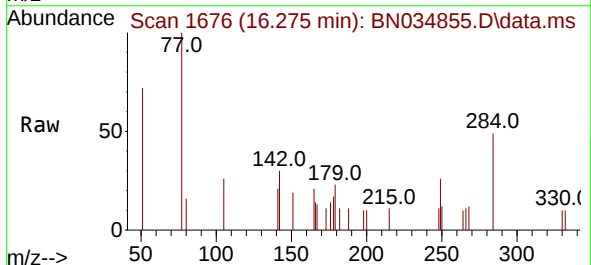
Tgt Ion:284 Resp: 272

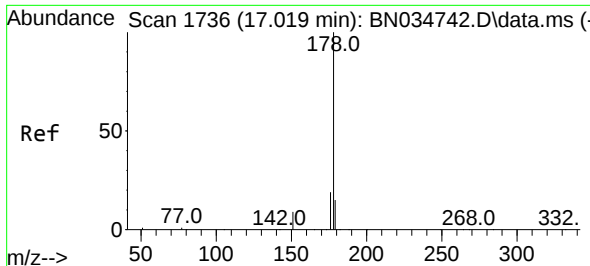
Ion Ratio Lower Upper

284 100

142 50.0 35.4 53.0

249 34.2 25.7 38.5

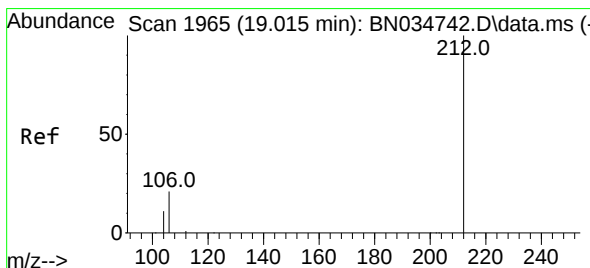
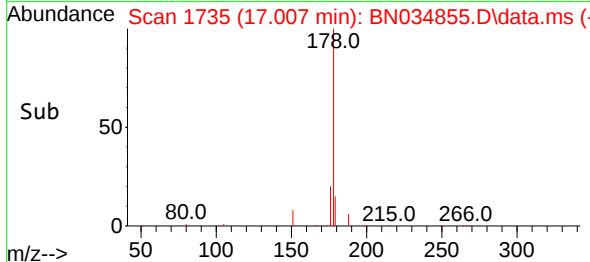
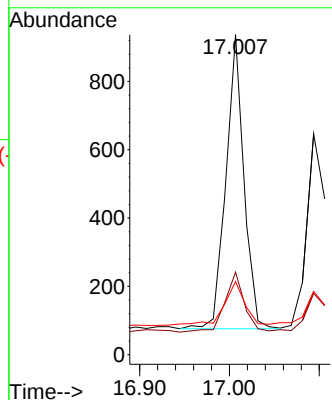
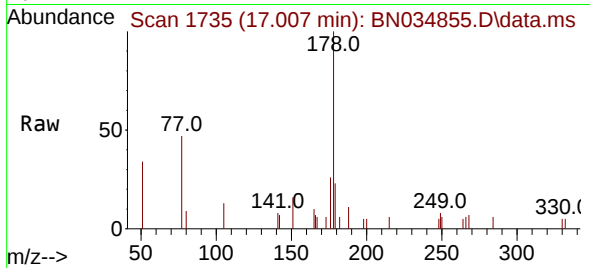




#25
Phenanthrene
Concen: 0.021 ng
RT: 17.007 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

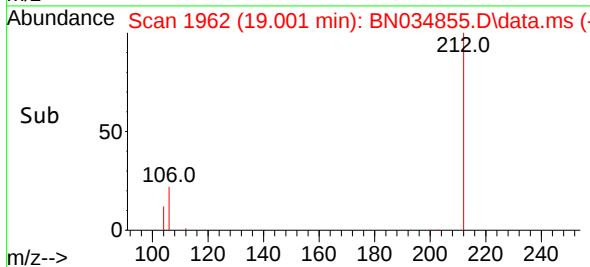
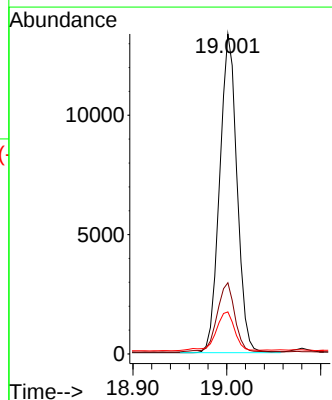
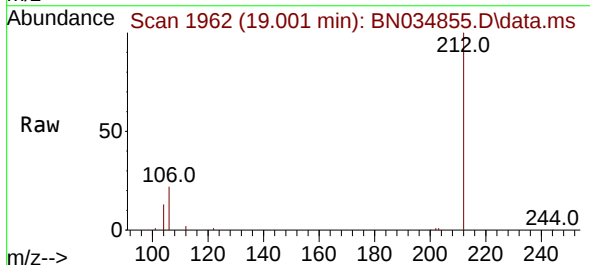
Instrument :
BNA_N
ClientSampleId :
BP-VPB-190-GW-478-480

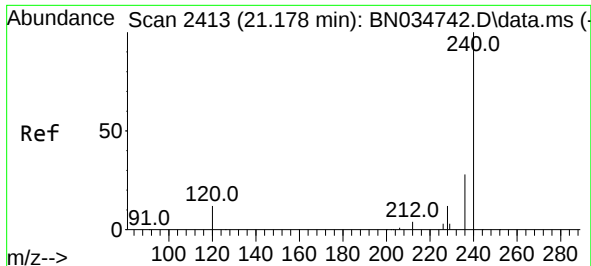
Tgt Ion:178 Resp: 1203
Ion Ratio Lower Upper
178 100
176 21.9 15.4 23.0
179 17.0 12.2 18.4



#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

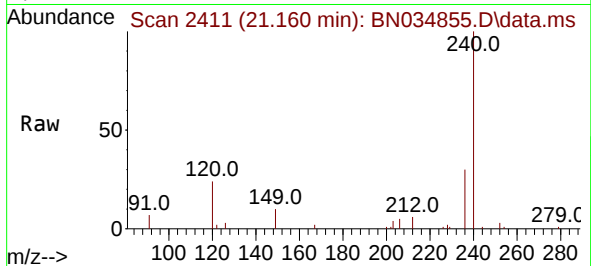
Tgt Ion:212 Resp: 17145
Ion Ratio Lower Upper
212 100
106 22.3 16.1 24.1
104 13.4 9.2 13.8



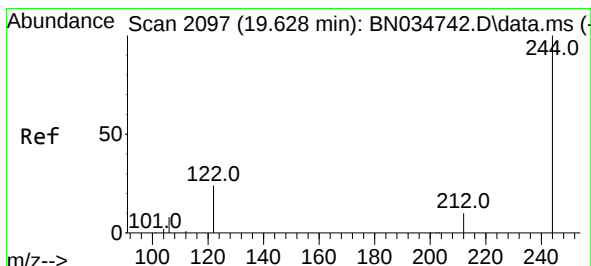
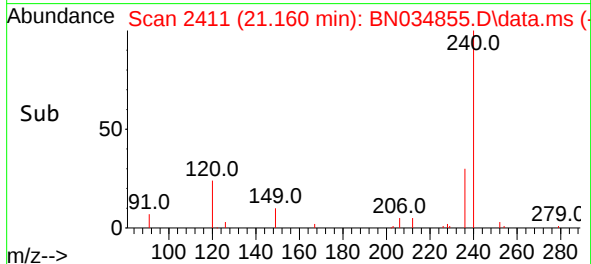
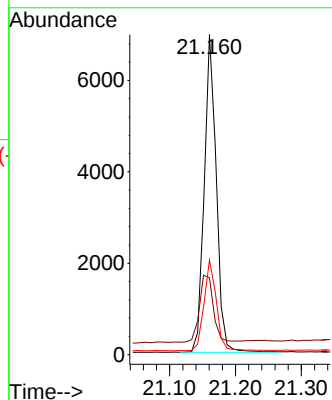


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.160 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

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

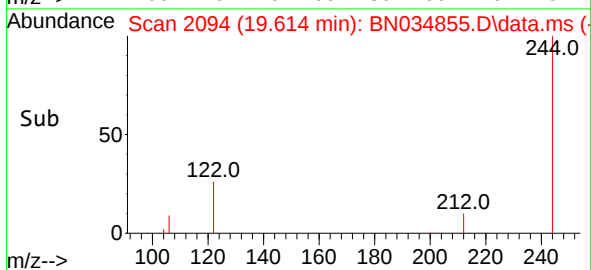
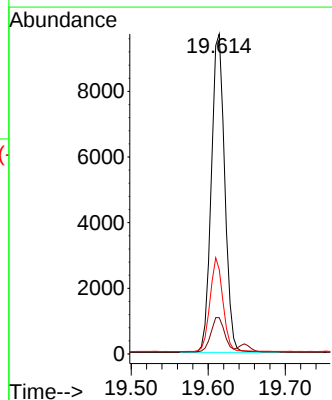
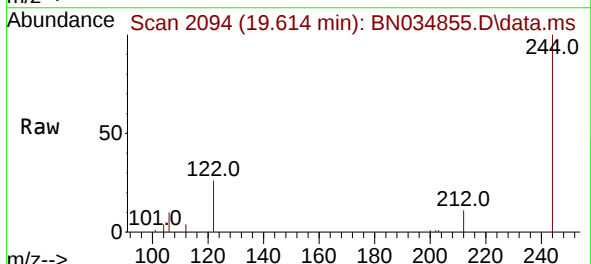


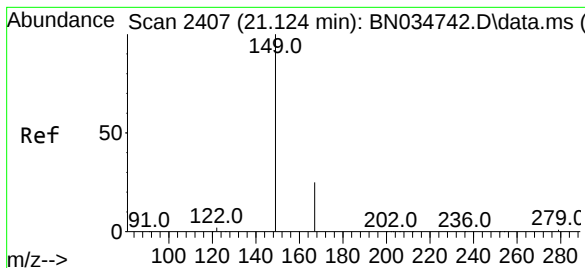
Tgt Ion:240 Resp: 8880
Ion Ratio Lower Upper
240 100
120 24.0 11.5 17.3#
236 29.6 23.2 34.8



#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

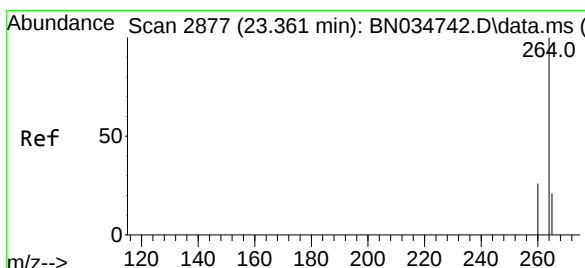
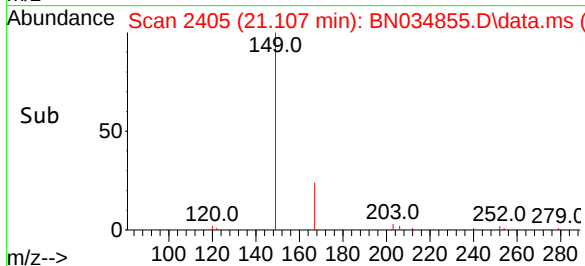
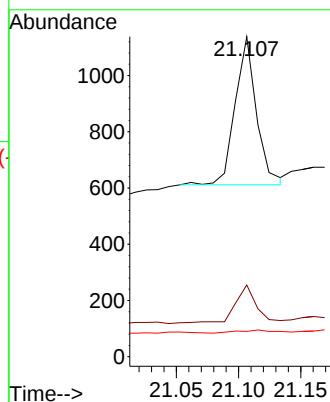
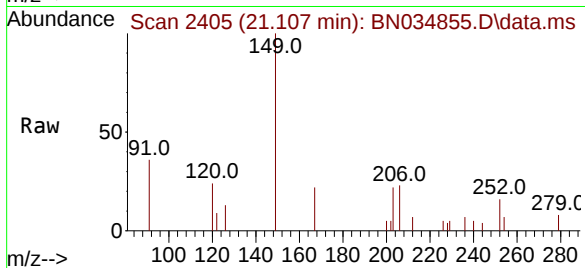
Tgt Ion:149 Resp: 629

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

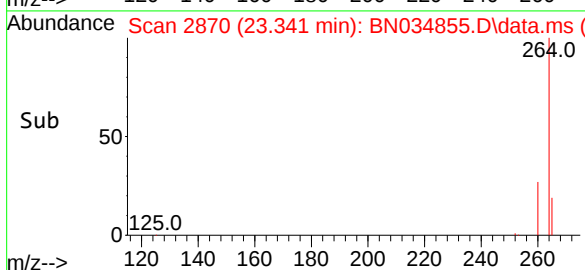
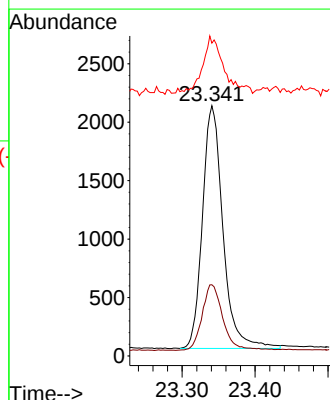
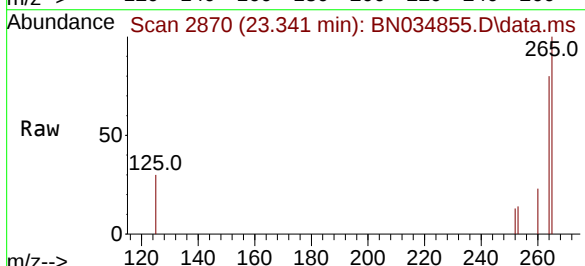
Tgt Ion:264 Resp: 4054

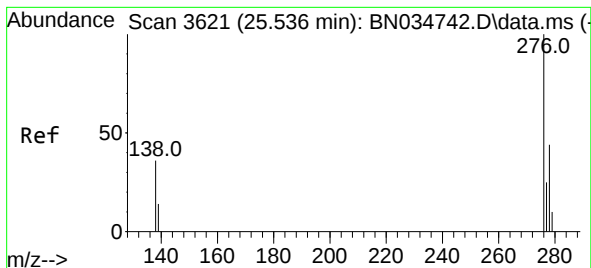
Ion Ratio Lower Upper

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# 3612

Delta R.T. 0.006 min

Lab File: BN034855.D

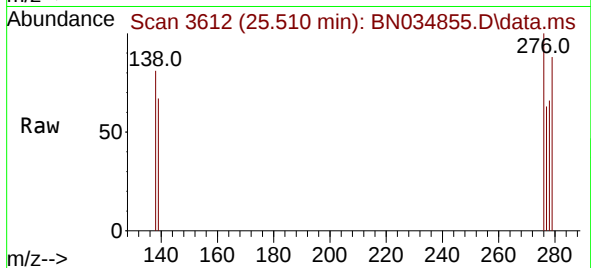
Acq: 05 Nov 2024 00:33

Instrument :

BNA_N

ClientSampleId :

BP-VPB-190-GW-478-480



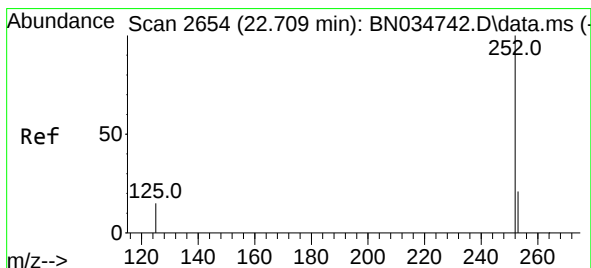
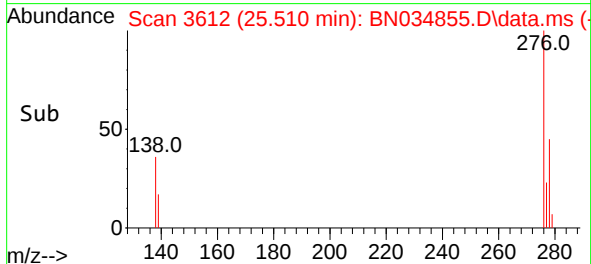
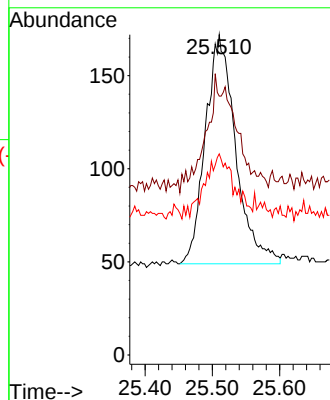
Tgt Ion:276 Resp: 384

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

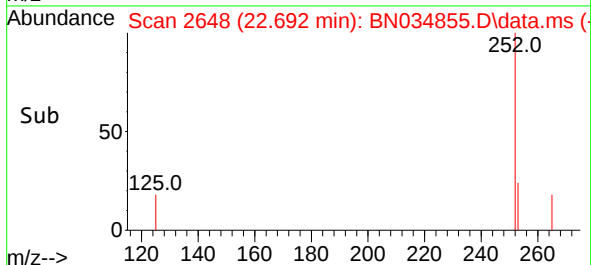
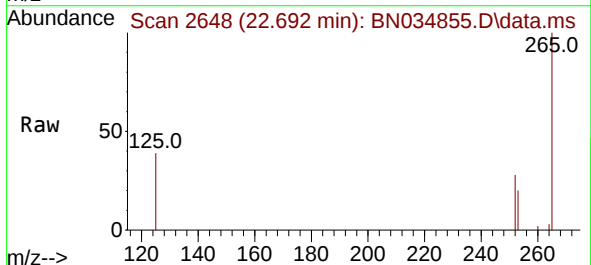
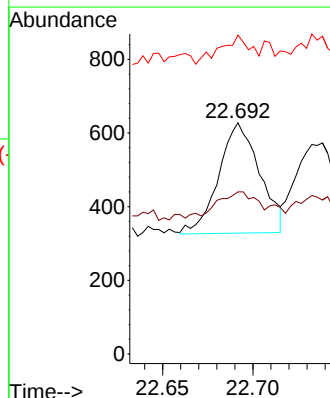
Tgt Ion:252 Resp: 473

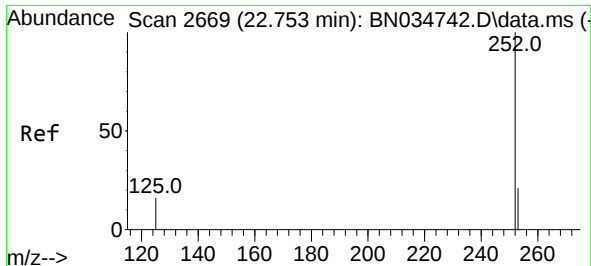
Ion Ratio Lower Upper

252 100

253 70.1 19.7 29.5#

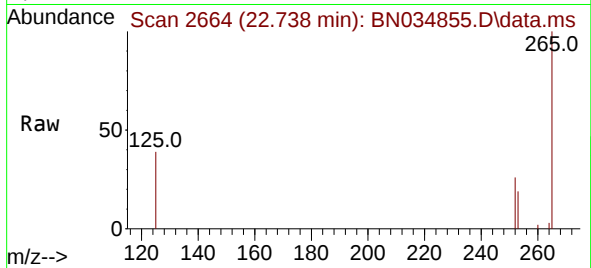
125 137.9 17.1 25.7#



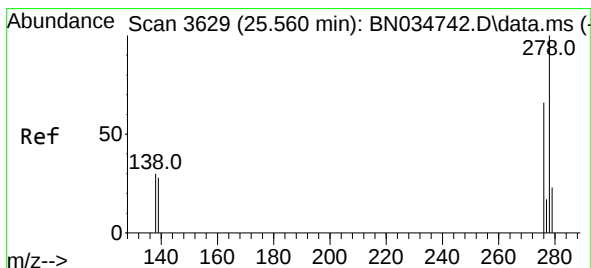
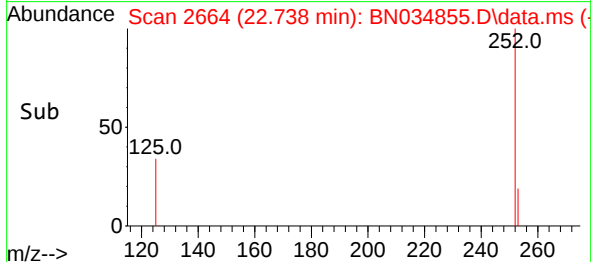
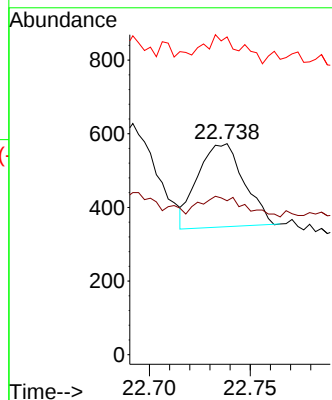


#38
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 22.738 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN034855.D
Acq: 05 Nov 2024 00:33

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

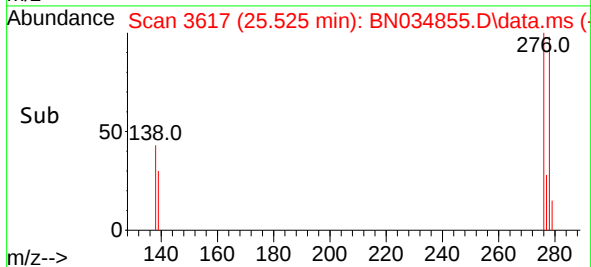
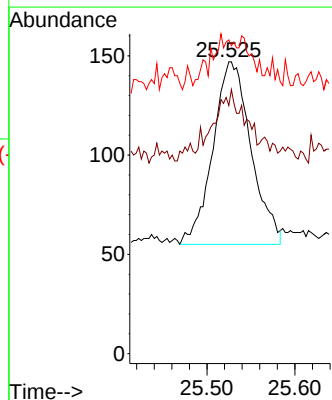
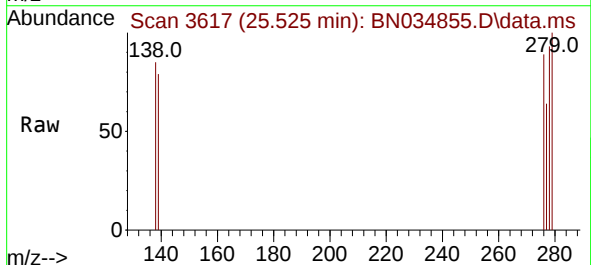


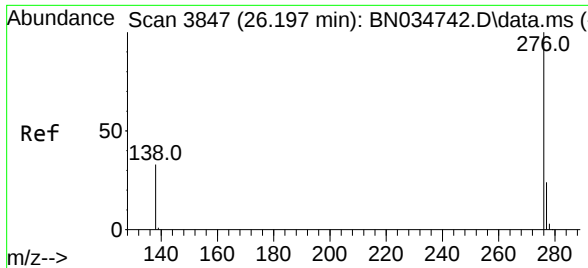
Tgt Ion:252 Resp: 361
Ion Ratio Lower Upper
252 100
253 72.9 19.8 29.6#
125 150.6 18.2 27.2#



#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# 3837

Delta R.T. 0.003 min

Lab File: BN034855.D

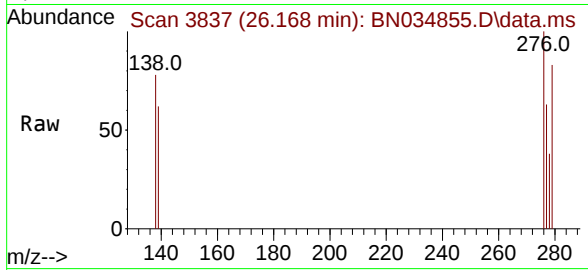
Acq: 05 Nov 2024 00:33

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#
-----	------	------	-------

