

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
 Data File : BN003563.D
 Acq On : 16 Nov 2018 14:53
 Operator : MJ/SJ
 Sample : J5928-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40S4

Quant Time: Nov 16 15:47:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 15 01:42:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	103565	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	461193	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	258209	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	593773	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	670589	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	712547	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	14490	6.62	ng/uL	0.00
5) Phenol-d5	6.99	99	325567	37.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	185744	38.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	279685	38.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	267663	37.23	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	137205	38.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	157220	39.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	289234	37.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	91712	14.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	840079	39.25	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1029814	38.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	162584	37.89	ng/ul	0.00
57) Fluorene-d10	15.47	176	722363	40.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	139067	33.33	ng/ul	0.00
70) Anthracene-d10	17.32	188	1108514	38.00	ng/ul	0.00
78) Pyrene-d10	19.62	212	1240157	37.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	1539488	39.91	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.99	77	12721	8.409	ng/ul 96
10) 2-Chlorophenol	7.40	128	302112	41.079	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.37	45	521178	59.398	ng/ul 99
14) Acetophenone	8.67	105	436970	40.681	ng/ul 100
17) Hexachloroethane	8.92	117	55514	19.928	ng/ul 99
20) Nitrobenzene	9.05	77	465884	61.683	ng/ul 99
23) 2-Nitrophenol	9.76	139	221311	51.799	ng/ul 99
27) 2,4-Dichlorophenol	10.28	162	188003	25.256	ng/ul 99
28) Naphthalene	10.69	128	398971	16.569	ng/ul 99
33) 4-Chloro-3-methylphenol	11.92	107	380364	52.957	ng/ul 98
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	189377	21.965	ng/ul 98
38) 2,4,6-Trichlorophenol	12.90	196	198672	36.311	ng/ul 99
40) 1,1'-Biphenyl	13.31	154	892187	42.990	ng/ul 100
42) 2-Nitroaniline	13.57	65	214277	54.627	ng/ul 99
45) 2,6-Dinitrotoluene	14.06	165	199305	47.331	ng/ul 99
47) Acenaphthylene	14.20	152	1419671	56.643	ng/ul 100
49) Acenaphthene	14.54	153	82218	4.565	ng/ul 99
52) 4-Nitrophenol	14.69	109	172939	64.769	ng/ul 98
53) Dibenzofuran	14.87	168	535280	21.104	ng/ul 97
54) 2,4-Dinitrotoluene	14.85	165	336977	52.841	ng/ul 99
56) Diethylphthalate	15.30	149	1033730	51.954	ng/ul 99
58) Fluorene	15.53	166	178493	9.159	ng/ul 99
64) N-Nitrosodiphenylamine	15.73	169	924255	51.096	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

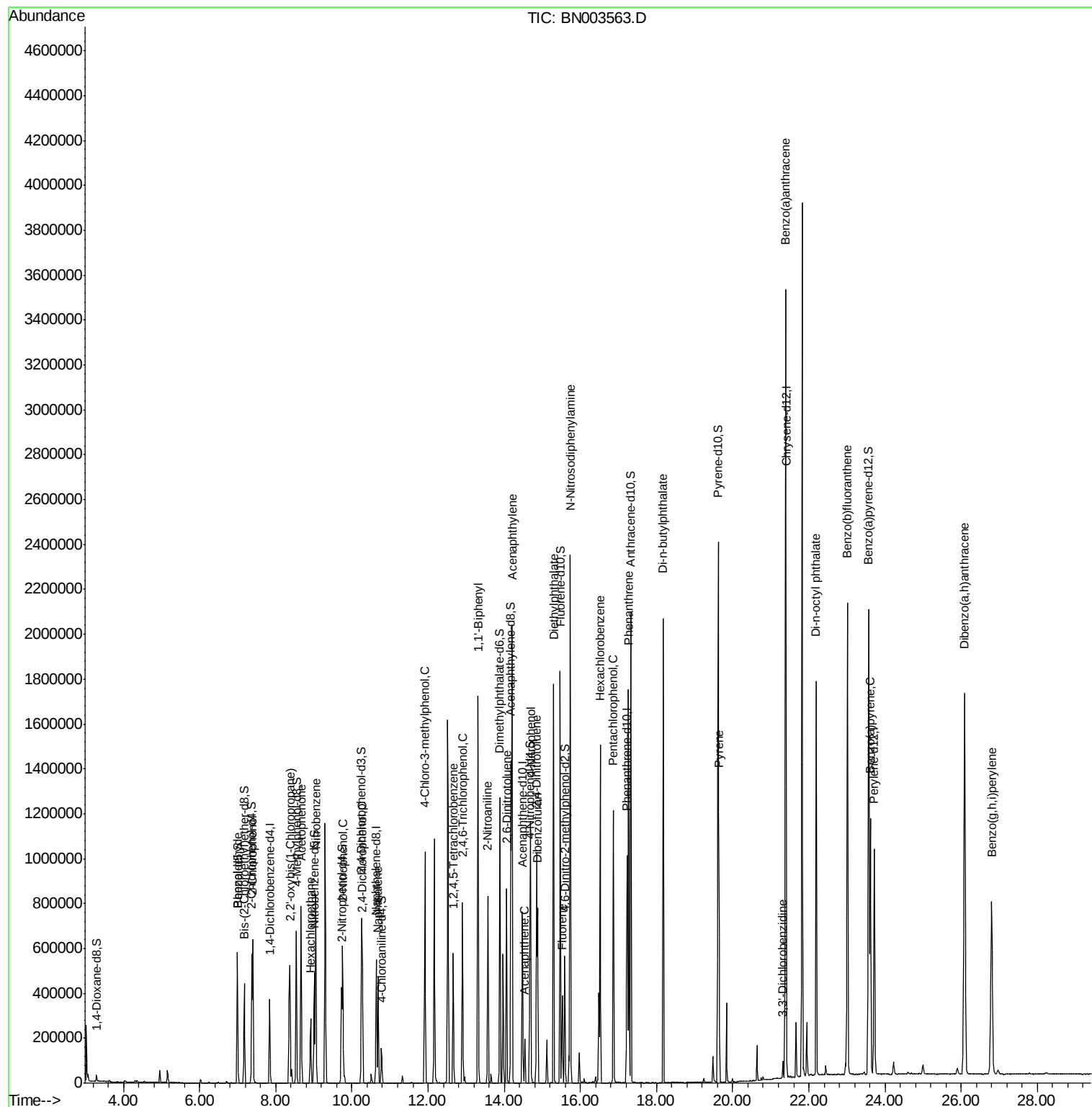
66) Hexachlorobenzene	16.52	284	343745	41.060	ng/ul	98
68) Pentachlorophenol	16.86	266	225788	44.588	ng/ul	98
69) Phenanthrene	17.26	178	1092263	32.978	ng/ul	99
75) Di-n-butylphthalate	18.17	149	1521764	42.754	ng/ul	100
79) Pyrene	19.65	202	681437	16.713	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.32	252	20795	1.449	ng/ul	99
82) Benzo(a)anthracene	21.39	228	1705234	41.694	ng/ul	98
86) Di-n-octyl phthalate	22.19	149	1220964	29.532	ng/ul	99
87) Benzo(b)fluoranthene	23.02	252	1403716	31.936	ng/ul	99
90) Benzo(a)pyrene	23.62	252	844351	20.697	ng/ul	99
92) Dibenzo(a,h)anthracene	26.09	278	1891288	46.133	ng/ul	99
93) Benzo(a,h,i)perylene	26.80	276	938542	23.169	ng/ul	100

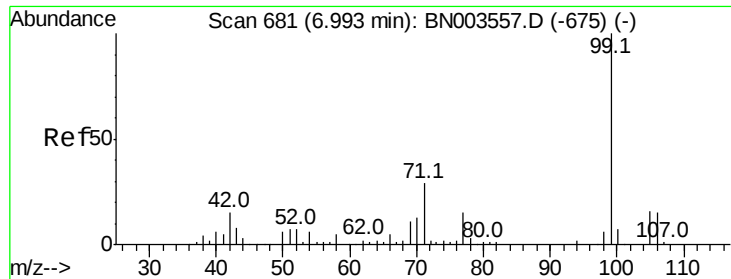
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 8.409 ng/ul

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

Instrument :

BNA_N

ClientSampleId :

A40S4

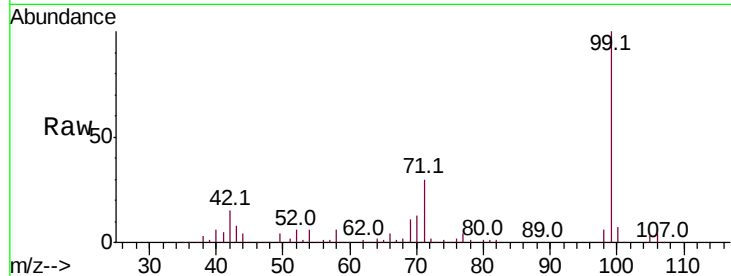
Tot Ion: 77 Resp: 12721

Ion Ratio Lower Upper

77 100

105 98.7 80.7 121.1

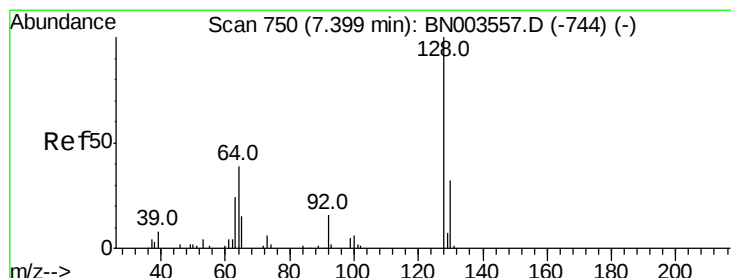
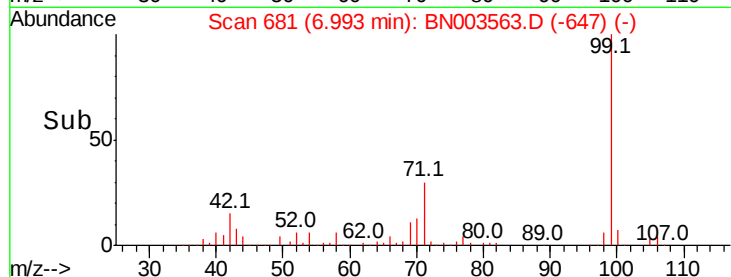
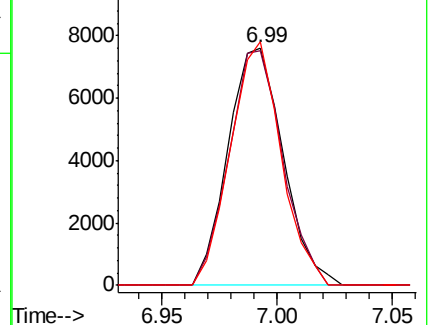
106 102.5 78.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BN003557.D (-675) (-)

Ion 105.00 (104.70 to 105.70): BN003557.D (-675) (-)

Ion 106.00 (105.70 to 106.70): BN003557.D (-675) (-)



#10

2-Chlorophenol

Concen: 41.079 ng/ul

RT: 7.40 min Scan# 750

Delta R.T. -0.01 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

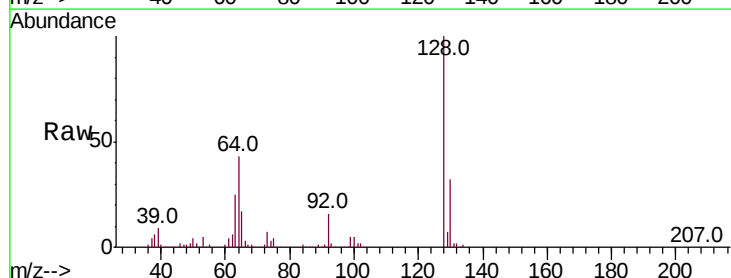
Tgt Ion: 128 Resp: 302112

Ion Ratio Lower Upper

128 100

64 42.5 33.3 49.9

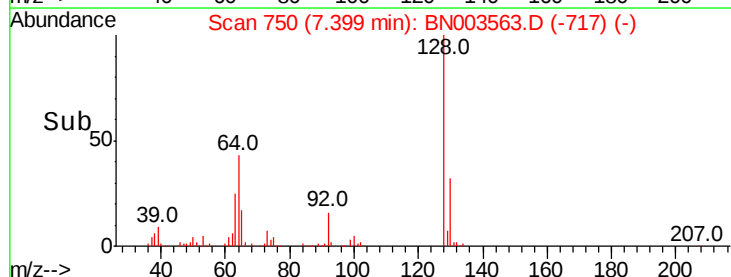
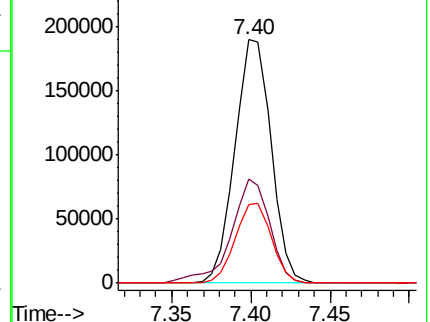
130 32.4 26.3 39.5

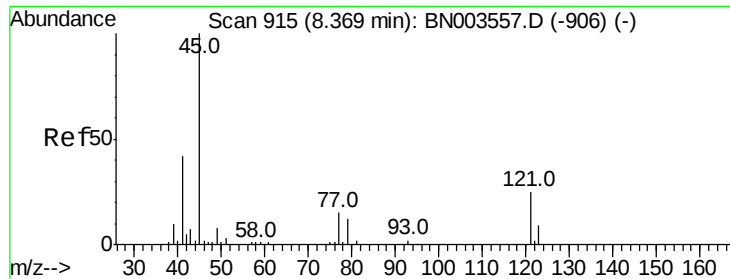


Abundance Ion 128.00 (127.70 to 128.70): BN003557.D (-744) (-)

Ion 64.00 (63.70 to 64.70): BN003557.D (-744) (-)

Ion 130.00 (129.70 to 130.70): BN003557.D (-744) (-)

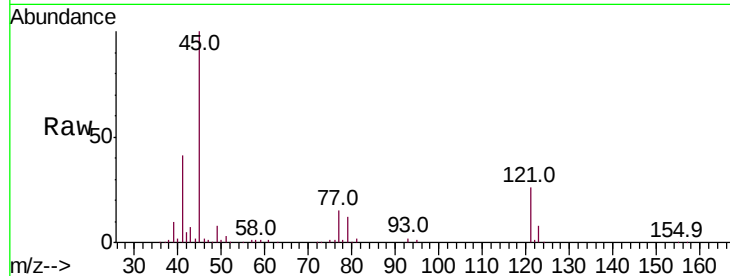




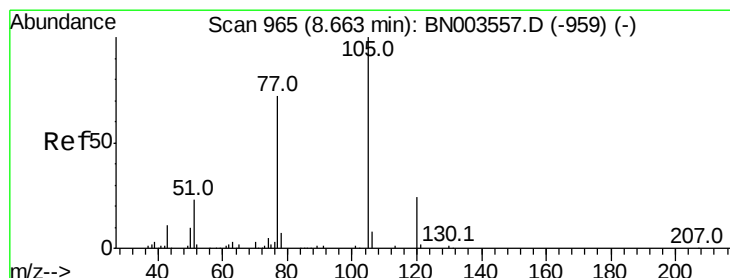
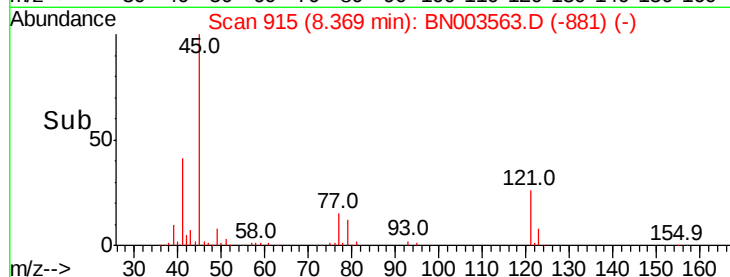
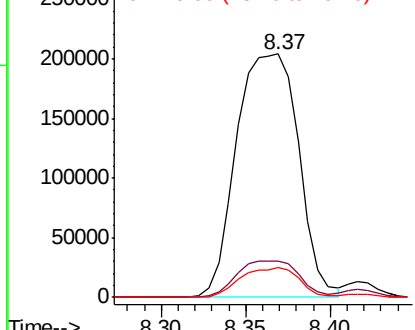
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 59.398 ng/ul
RT: 8.37 min Scan# 915
Delta R.T. -0.00 min
Lab File: BN003563.D
Acq: 16 Nov 2018 14:53

Instrument :
BNA_N
ClientSampleId :
A40S4

Tot Ion: 45 Resp: 521178
Ion Ratio Lower Upper
45 100
77 15.1 12.0 18.0
79 12.2 9.1 13.7

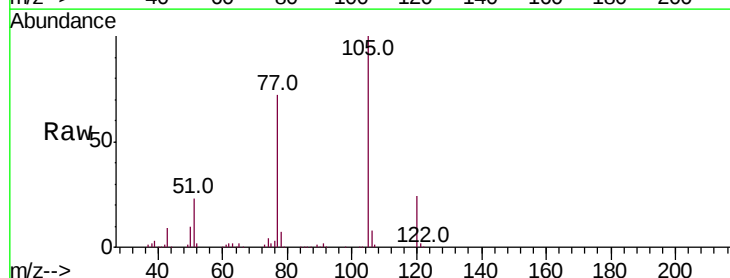


Abundance Ion 45.00 (44.70 to 45.70): BN0
Ion 77.00 (76.70 to 77.70): BN0
Ion 79.00 (78.70 to 79.70): BN0

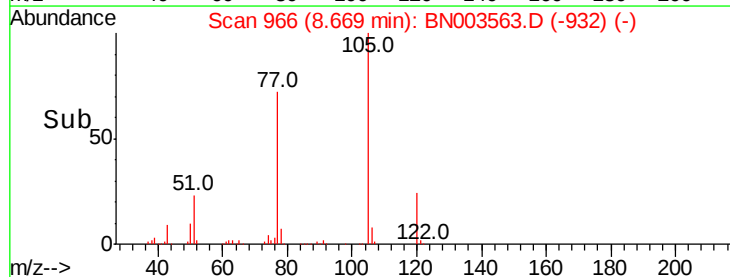
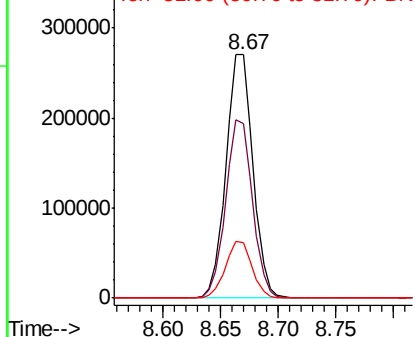


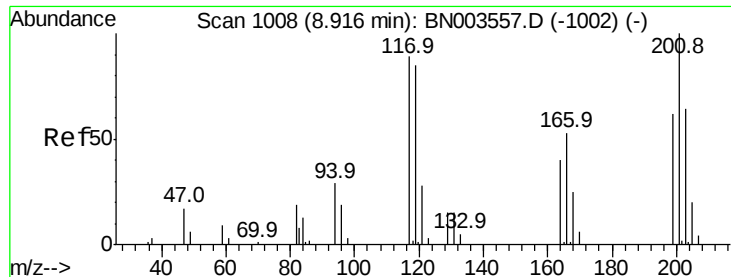
#14
Acetophenone
Concen: 40.681 ng/ul
RT: 8.67 min Scan# 966
Delta R.T. -0.00 min
Lab File: BN003563.D
Acq: 16 Nov 2018 14:53

Tgt Ion: 105 Resp: 436970
Ion Ratio Lower Upper
105 100
77 71.7 57.6 86.4
51 22.6 18.1 27.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BN0
Ion 51.00 (50.70 to 51.70): BN0

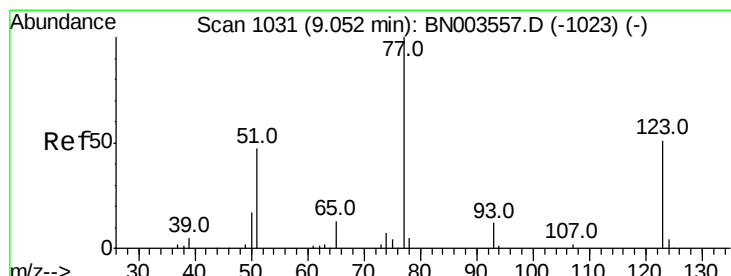
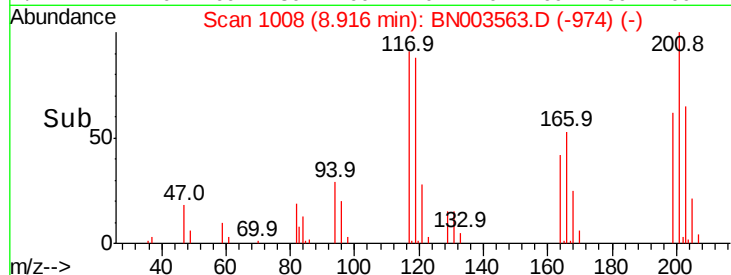
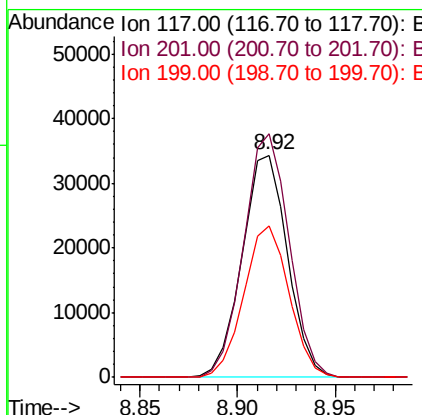
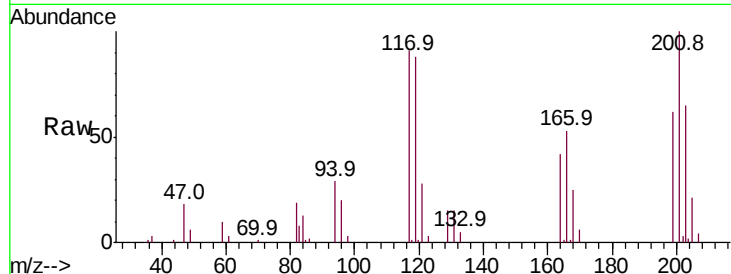




#17
 Hexachloroethane
 Concen: 19.928 ng/ul
 RT: 8.92 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BN003563.D
 Acq: 16 Nov 2018 14:53

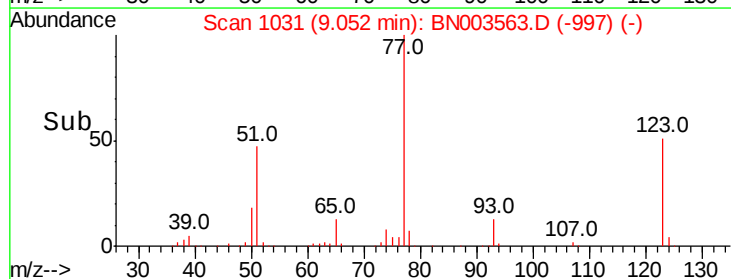
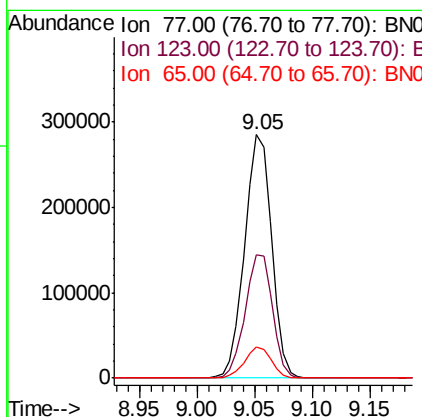
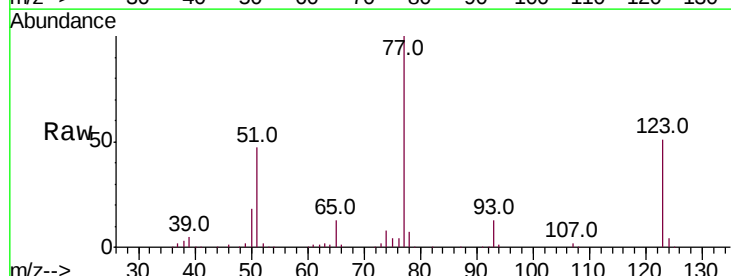
Instrument :
 BNA_N
 ClientSampled :
 A40S4

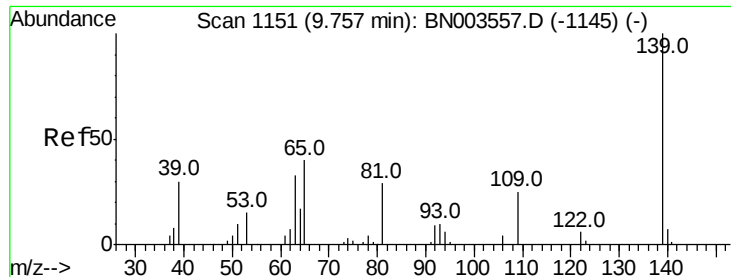
Tot Ion:117 Resp: 55514
 Ion Ratio Lower Upper
 117 100
 201 109.6 88.3 132.5
 199 68.4 55.6 83.4



#20
 Nitrobenzene
 Concen: 61.683 ng/ul
 RT: 9.05 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BN003563.D
 Acq: 16 Nov 2018 14:53

Tgt Ion: 77 Resp: 465884
 Ion Ratio Lower Upper
 77 100
 123 50.9 41.0 61.6
 65 13.0 10.2 15.4





#23

2-Nitrophenol

Concen: 51.799 ng/ul

RT: 9.76 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

Instrument :

BNA_N

ClientSampleId :

A40S4

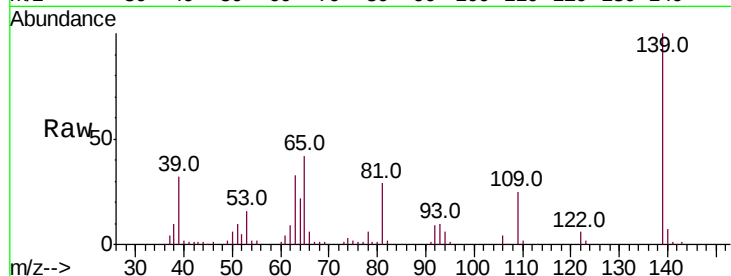
Tot Ion:139 Resp: 221311

Ion Ratio Lower Upper

139 100

65 42.0 33.0 49.4

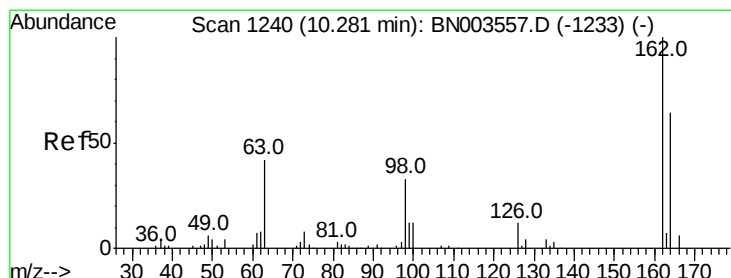
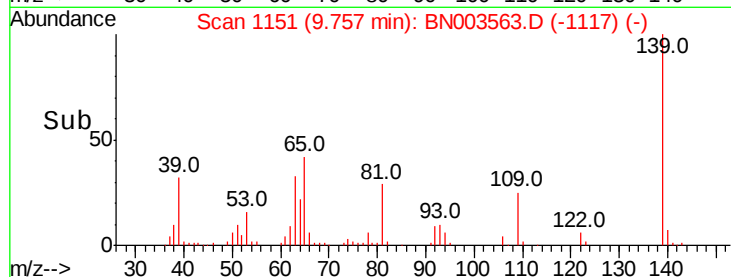
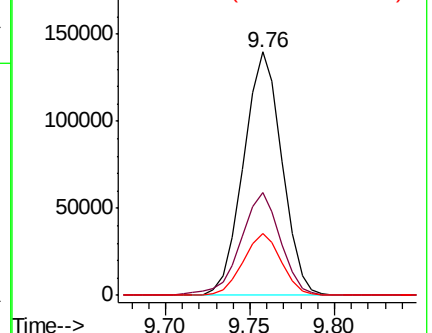
109 25.2 19.7 29.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO

Ion 109.00 (108.70 to 109.70): E



#27

2,4-Dichlorophenol

Concen: 25.256 ng/ul

RT: 10.28 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

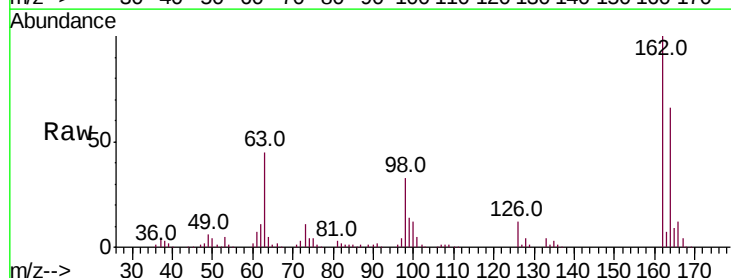
Tgt Ion:162 Resp: 188003

Ion Ratio Lower Upper

162 100

164 65.8 52.2 78.2

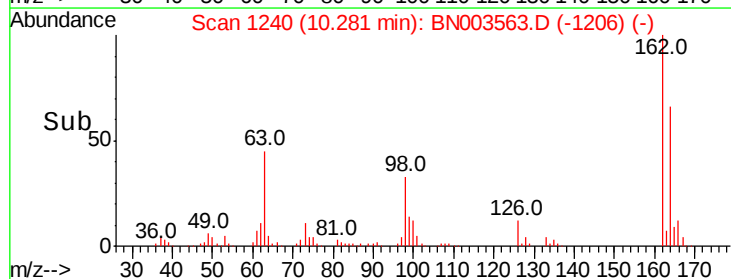
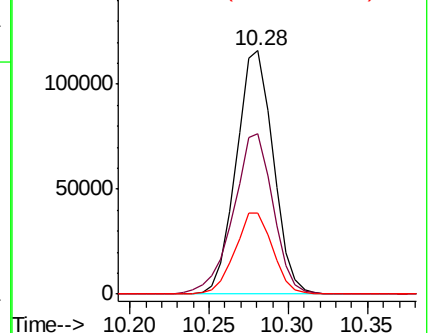
98 33.4 27.0 40.4

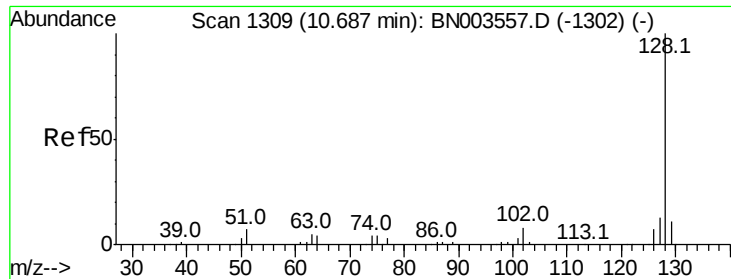


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNO





#28

Naphthalene

Concen: 16.569 ng/ul

RT: 10.69 min Scan# 1309

Delta R.T. -0.01 min

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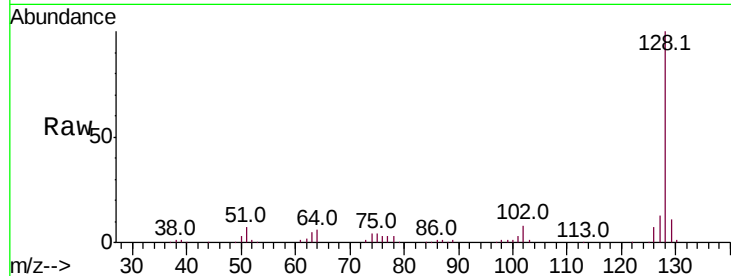
Tot Ion:128 Resp: 398971

Ion Ratio Lower Upper

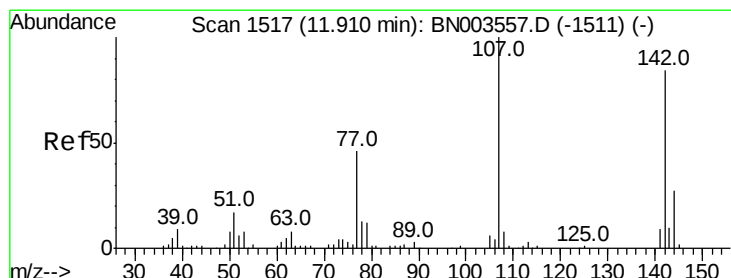
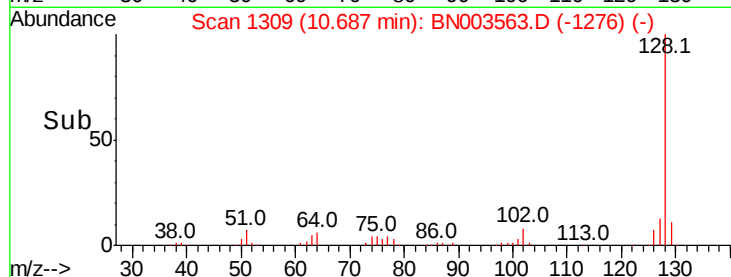
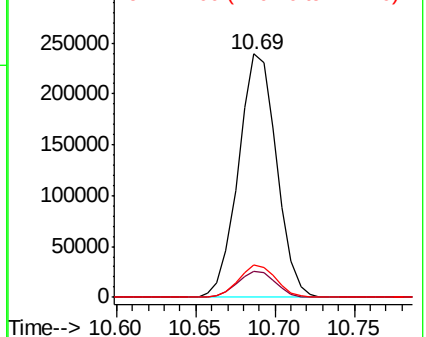
128 100

129 10.9 8.6 13.0

127 13.2 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#33

4-Chloro-3-methylphenol

Concen: 52.957 ng/ul

RT: 11.92 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

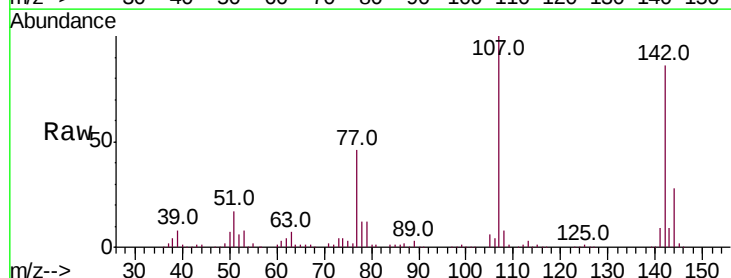
Tgt Ion:107 Resp: 380364

Ion Ratio Lower Upper

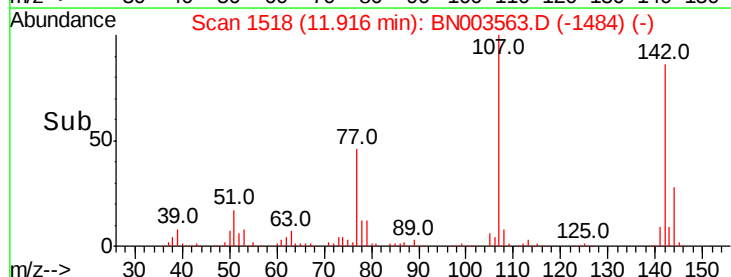
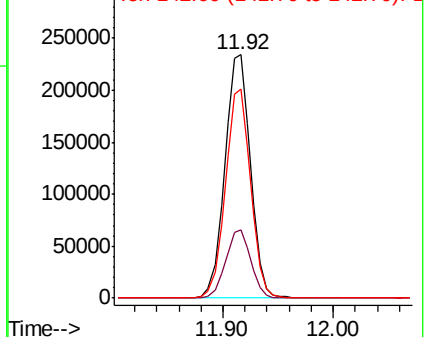
107 100

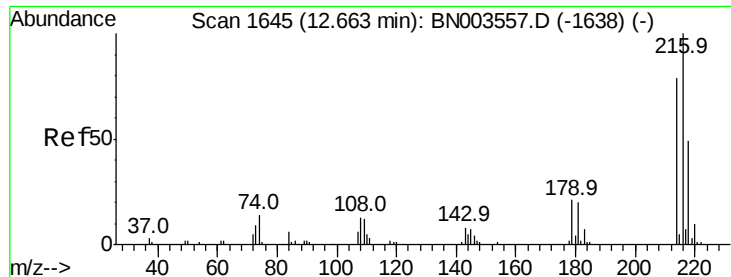
144 27.9 22.2 33.4

142 85.9 67.3 100.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#36

1,2,4,5-Tetrachlorobenzene

Concen: 21.965 ng/ul

RT: 12.66 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BN003563.D

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A40S4

Tot Ion:216 Resp: 189377

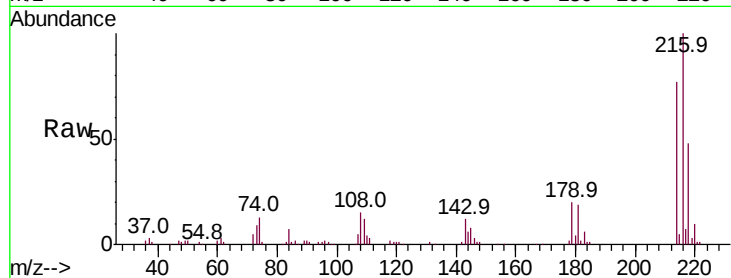
Ion Ratio Lower Upper

216 100

214 76.9 63.3 94.9

179 20.0 16.6 25.0

108 15.0 11.8 17.6

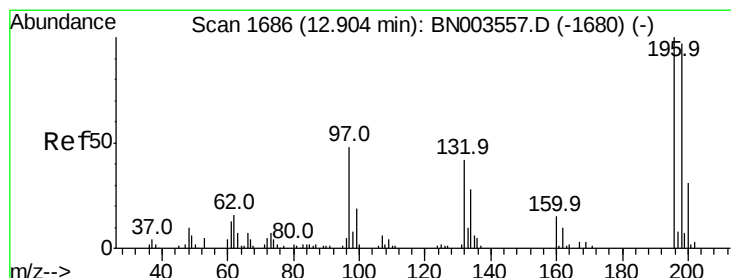
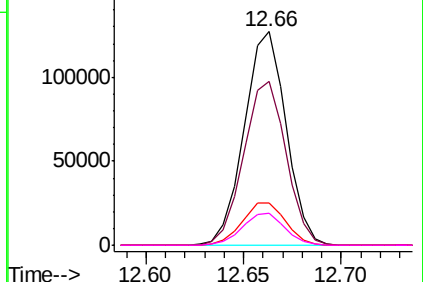
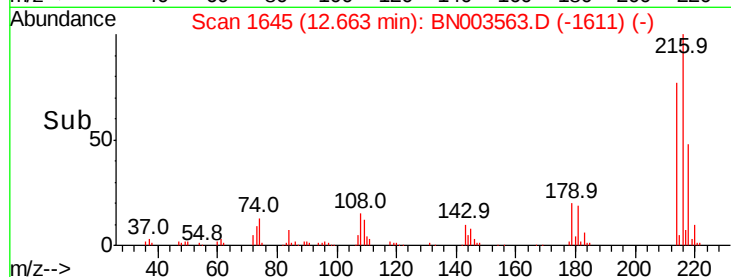


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38

2,4,6-Trichlorophenol

Concen: 36.311 ng/ul

RT: 12.90 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

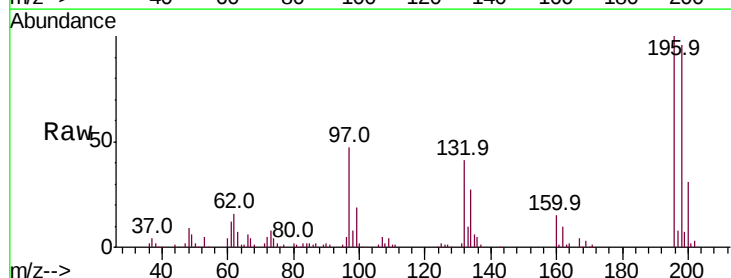
Tgt Ion:196 Resp: 198672

Ion Ratio Lower Upper

196 100

198 96.2 77.6 116.4

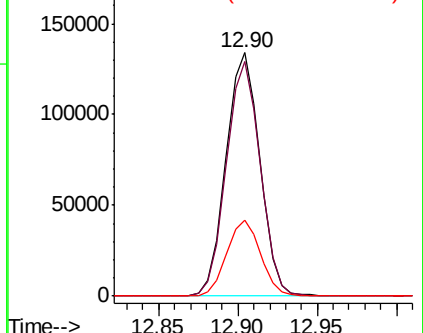
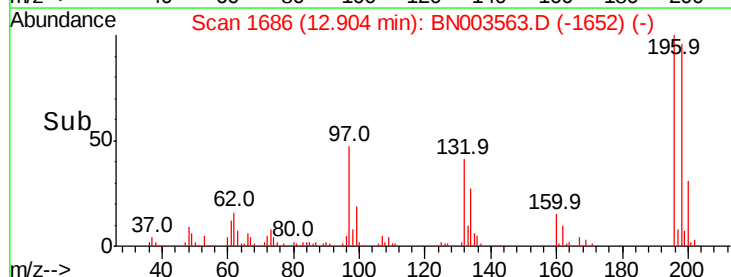
200 31.1 24.9 37.3

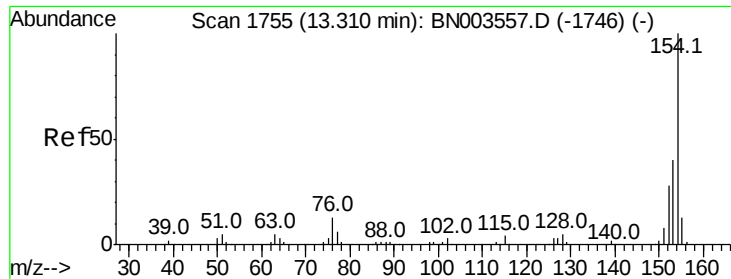


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

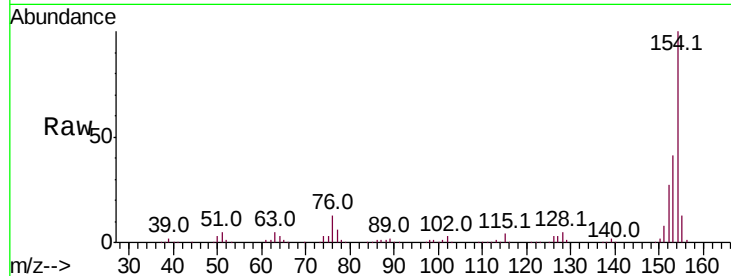




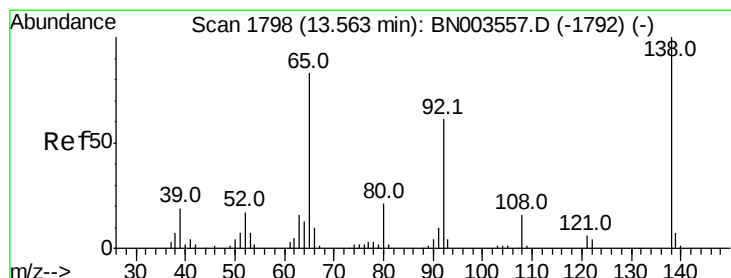
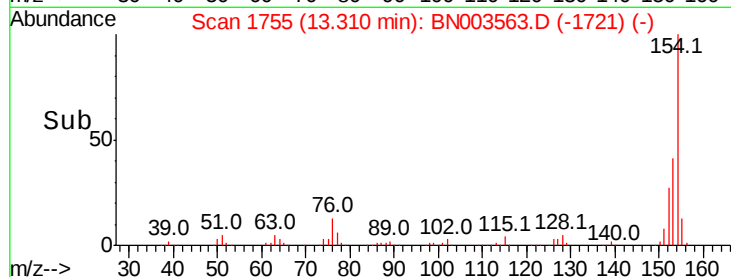
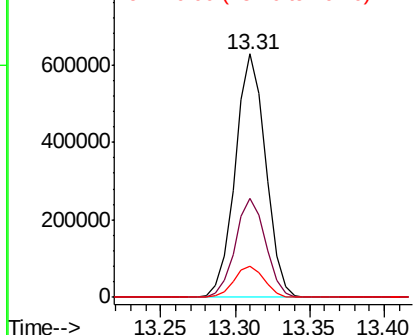
#40
 1,1'-Biphenyl
 Concen: 42.990 ng/ul
 RT: 13.31 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BN003563.D
 Acq: 16 Nov 2018 14:53

Instrument :
 BNA_N
 ClientSampleId :
 A40S4

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	33.0	49.4
76	12.9	10.4	15.6

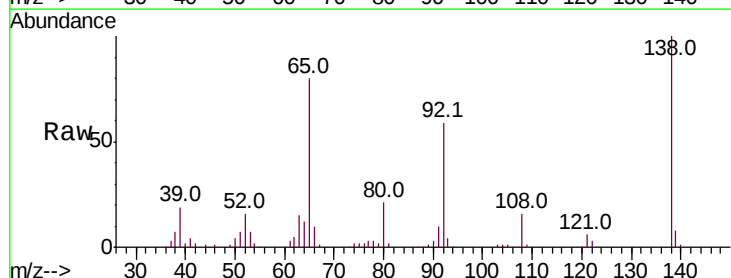


Abundance Ion 154.00 (153.70 to 154.70): B
 Ion 153.00 (152.70 to 153.70): B
 Ion 76.00 (75.70 to 76.70): B

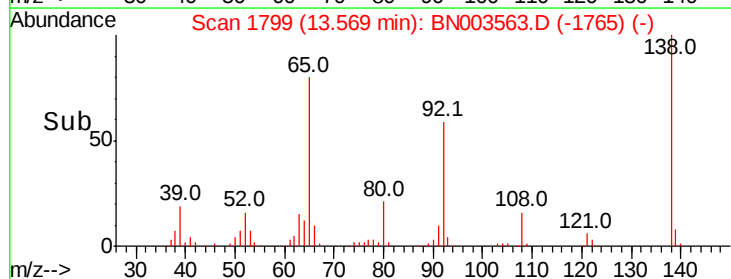
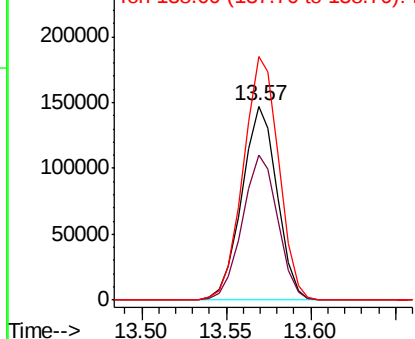


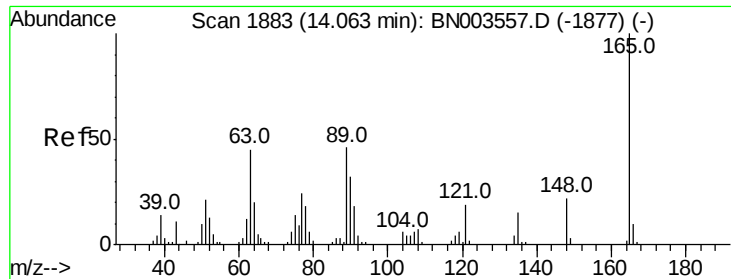
#42
 2-Nitroaniline
 Concen: 54.627 ng/ul
 RT: 13.57 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BN003563.D
 Acq: 16 Nov 2018 14:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.6	58.2	87.4
138	125.5	101.1	151.7



Abundance Ion 65.00 (64.70 to 65.70): B
 Ion 92.00 (91.70 to 92.70): B
 Ion 138.00 (137.70 to 138.70): B

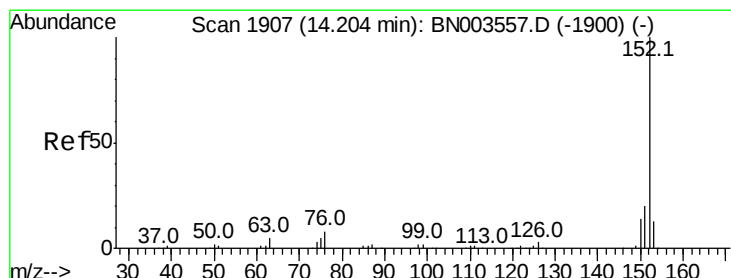
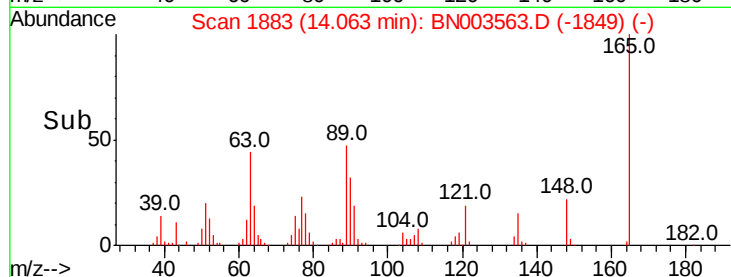
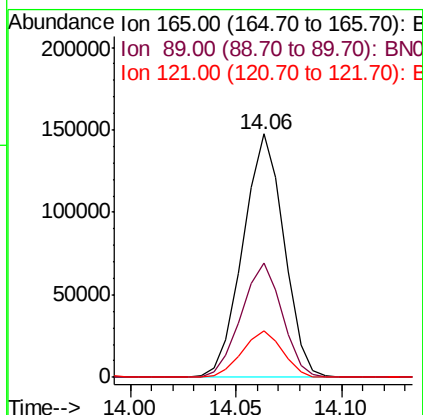
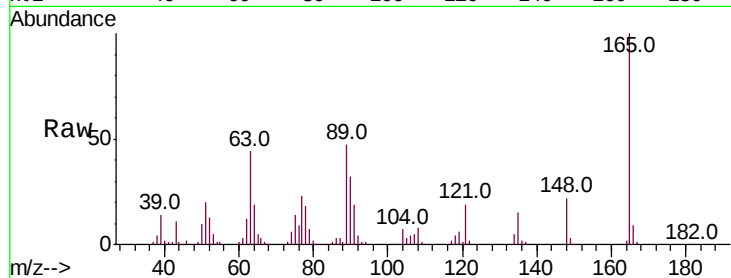




#45
 2,6-Dinitrotoluene
 Concen: 47.331 ng/ul
 RT: 14.06 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: BN003563.D
 Acq: 16 Nov 2018 14:53

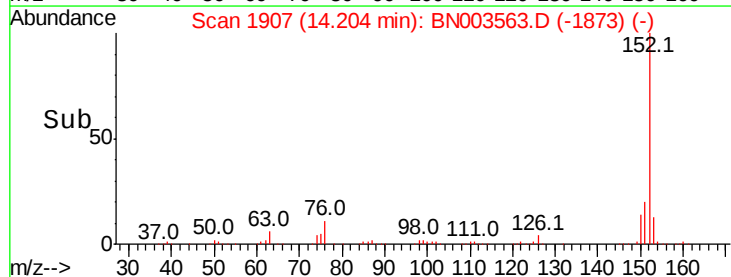
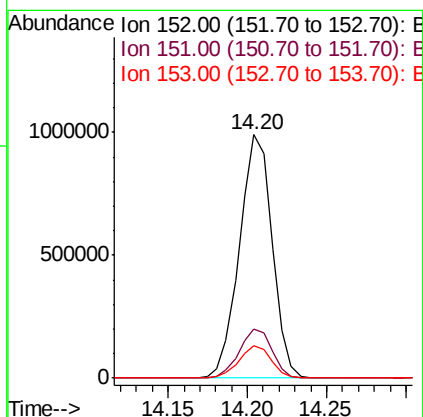
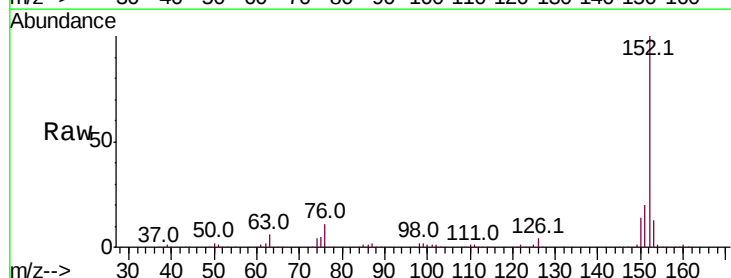
Instrument :
 BNA_N
 ClientSampleId :
 A40S4

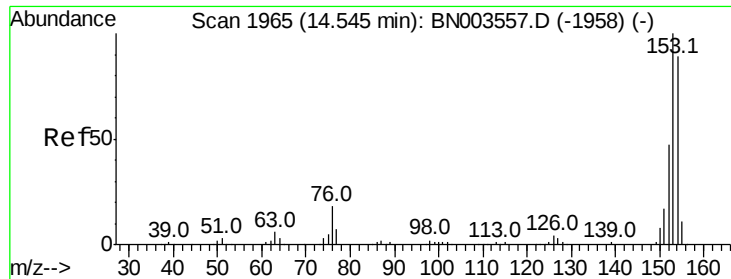
Tot Ion	Ratio	Lower	Upper
165	100		
89	46.8	38.4	57.6
121	18.9	15.3	22.9



#47
 Acenaphthylene
 Concen: 56.643 ng/ul
 RT: 14.20 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BN003563.D
 Acq: 16 Nov 2018 14:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	13.3	10.5	15.7





#49

Acenaphthene

Concen: 4.565 ng/ul

RT: 14.54 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

Instrument :

BNA_N

ClientSampleId :

A40S4

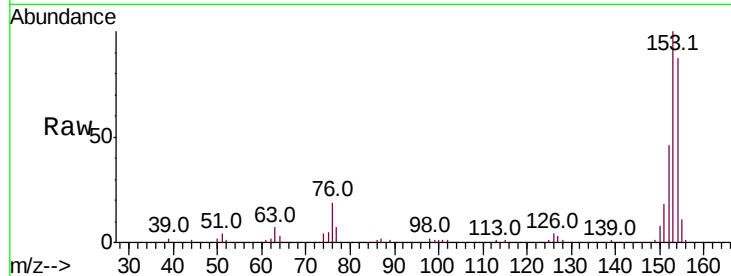
Tot Ion:153 Resp: 82218

Ion Ratio Lower Upper

153 100

152 46.1 37.5 56.3

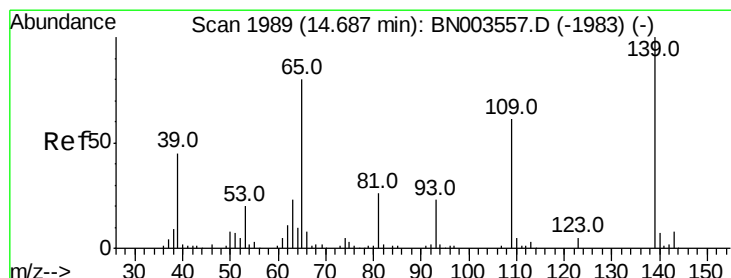
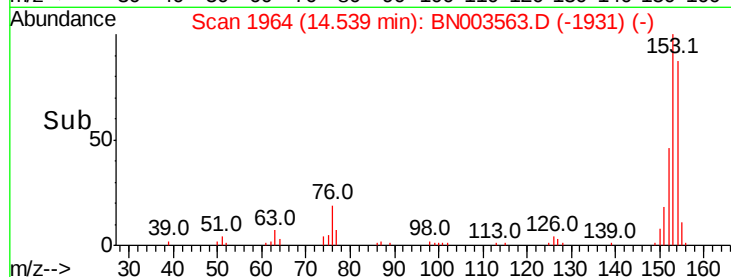
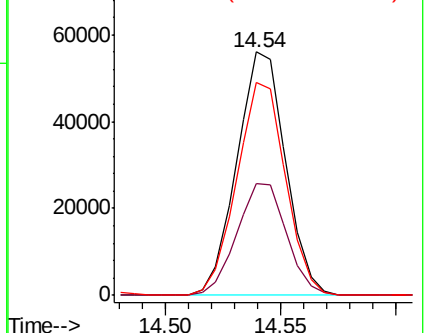
154 87.3 70.7 106.1



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 64.769 ng/ul

RT: 14.69 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

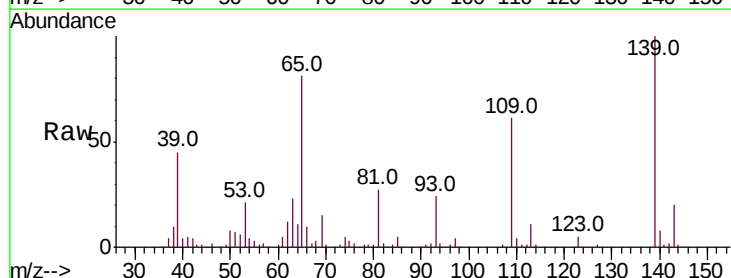
Tgt Ion:109 Resp: 172939

Ion Ratio Lower Upper

109 100

139 164.9 133.6 200.4

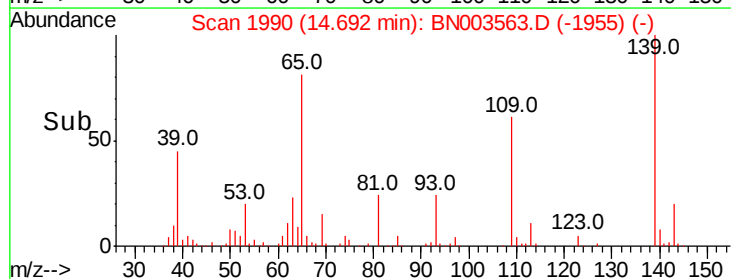
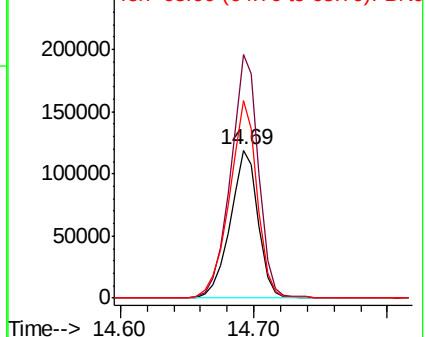
65 133.6 103.7 155.5

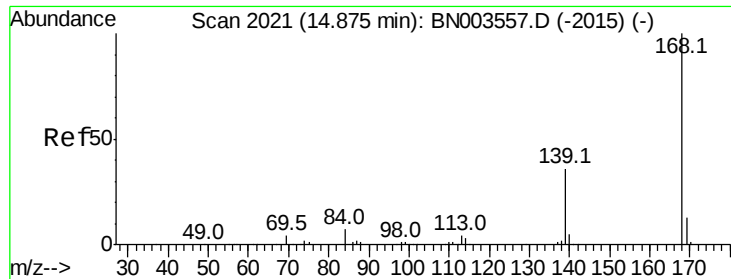


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC

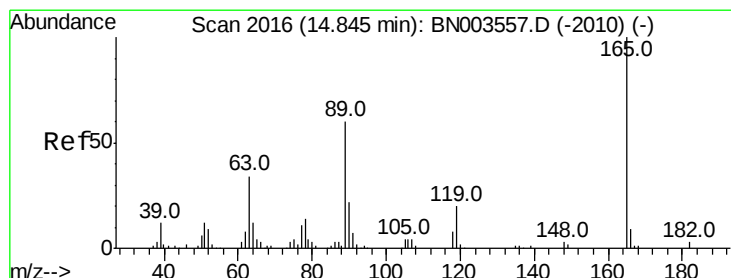
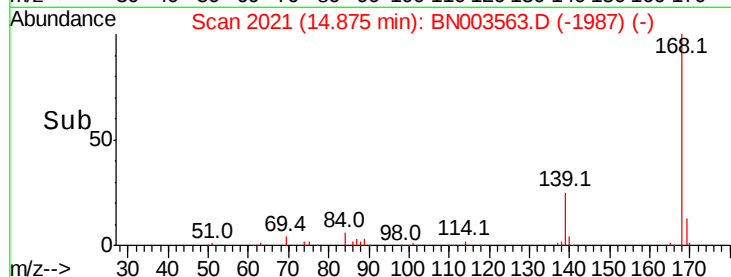
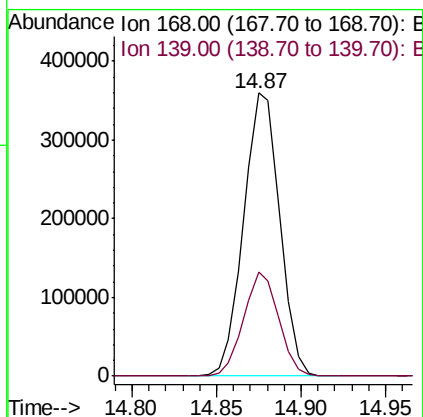
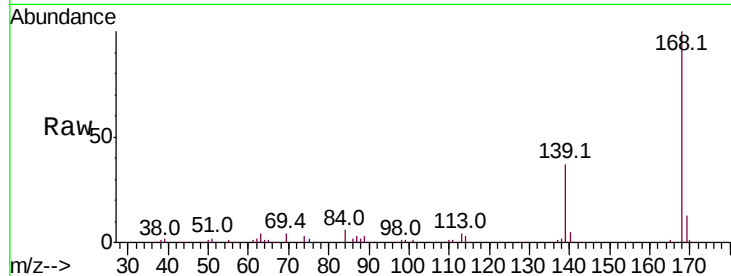




#53
Dibenzenofuran
Concen: 21.104 ng/ul
RT: 14.87 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BN003563.D
Acq: 16 Nov 2018 14:53

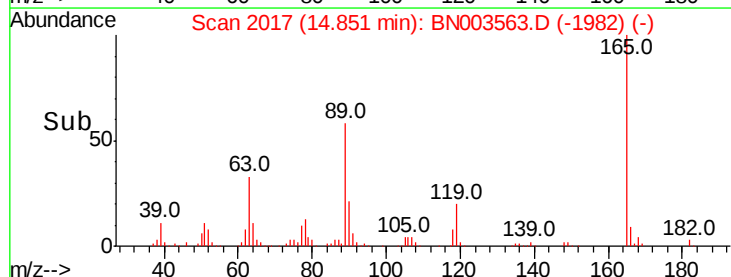
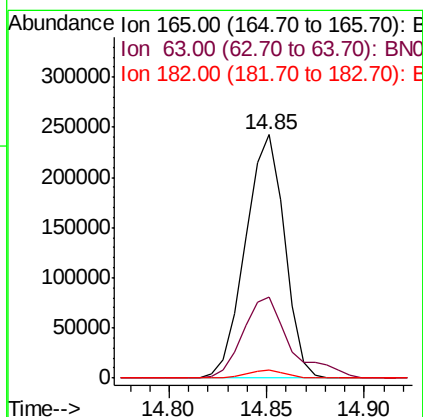
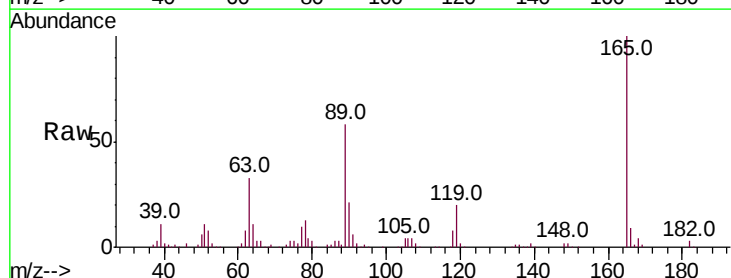
Instrument :
BNA_N
ClientSampleId :
A40S4

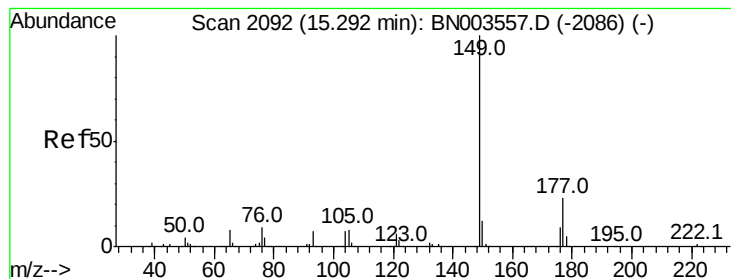
Tot Ion:168 Resp: 535280
Ion Ratio Lower Upper
168 100
139 36.7 28.2 42.2



#54
2,4-Dinitrotoluene
Concen: 52.841 ng/ul
RT: 14.85 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BN003563.D
Acq: 16 Nov 2018 14:53

Tgt Ion:165 Resp: 336977
Ion Ratio Lower Upper
165 100
63 33.1 26.8 40.2
182 3.2 2.5 3.7





#56

Diethylphthalate

Concen: 51.954 ng/ul

RT: 15.30 min Scan# 2093

Delta R.T. 0.01 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

Instrument :

BNA_N

ClientSampleId :

A40S4

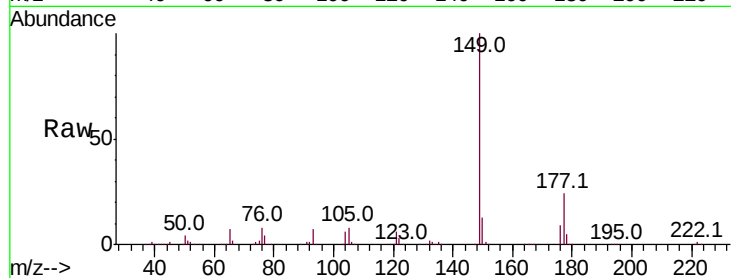
Tot Ion:149 Resp: 1033730

Ion Ratio Lower Upper

149 100

177 23.5 18.2 27.4

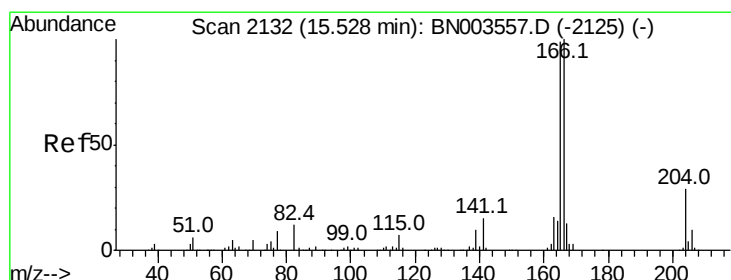
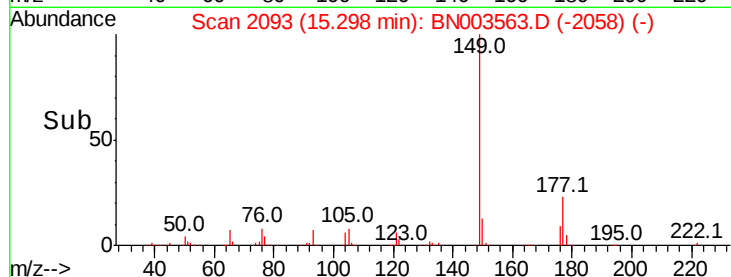
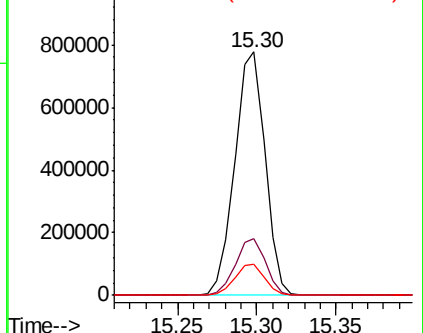
150 12.6 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 9.159 ng/ul

RT: 15.53 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

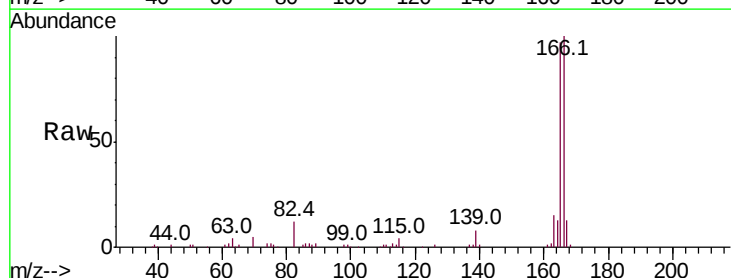
Tgt Ion:166 Resp: 178493

Ion Ratio Lower Upper

166 100

165 97.3 78.4 117.6

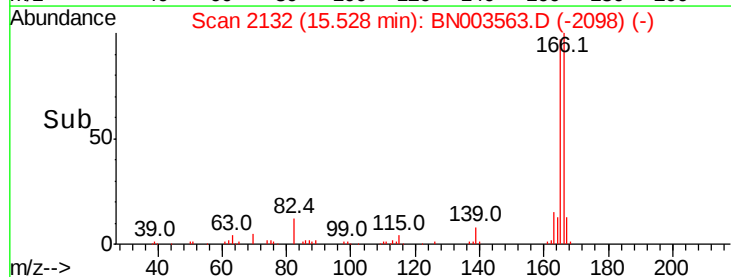
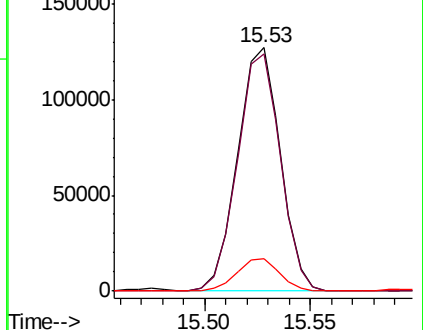
167 13.1 10.6 15.8

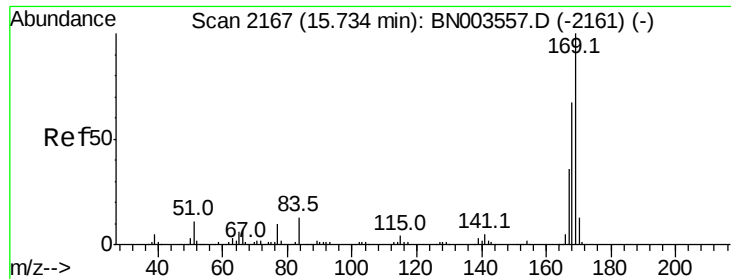


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



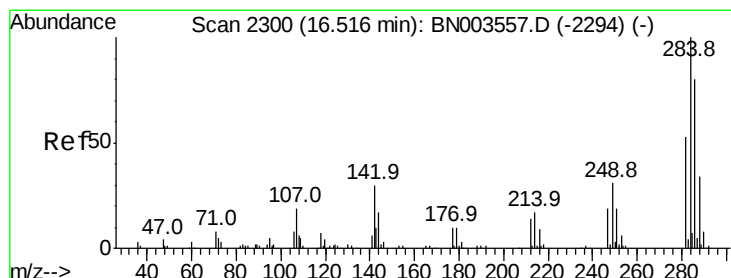
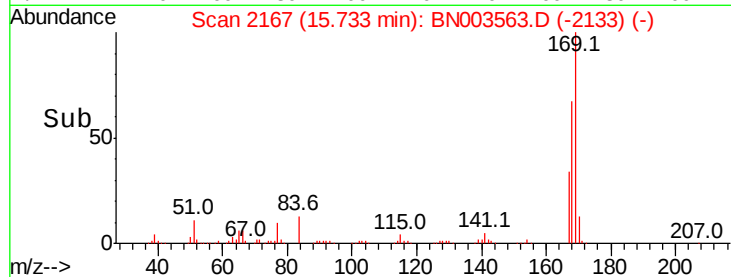
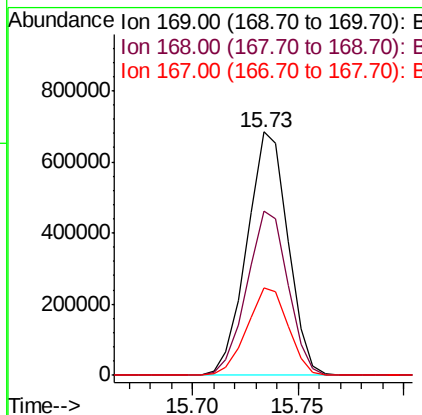
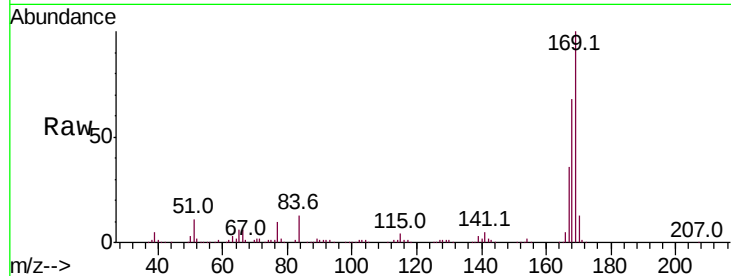


#64

N-Nitrosodiphenylamine
 Concen: 51.096 ng/uL
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BN003563.D
 Acq: 16 Nov 2018 14:53

Instrument :
 BNA_N
 ClientSampleId :
 A40S4

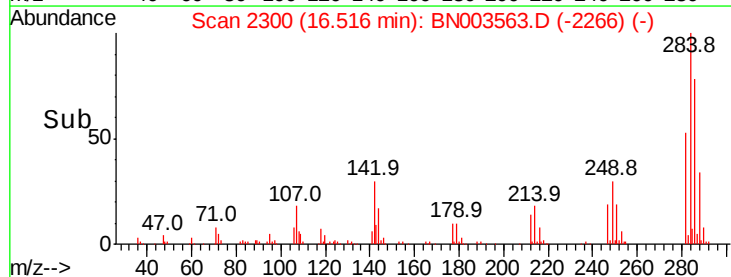
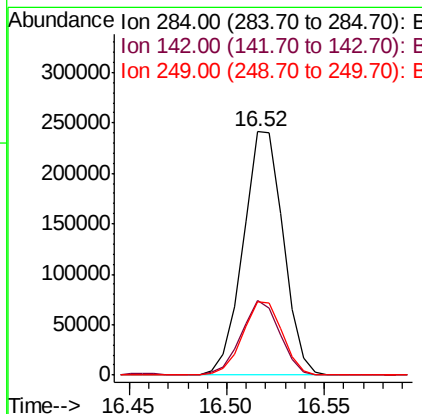
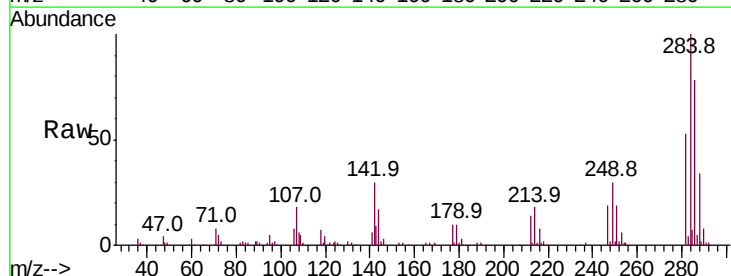
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.7	82.1
167	36.2	29.2	43.8

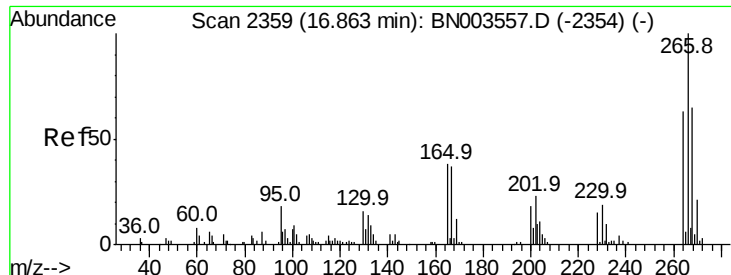


#66

Hexachlorobenzene
 Concen: 41.060 ng/uL
 RT: 16.52 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BN003563.D
 Acq: 16 Nov 2018 14:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	23.0	34.6
249	30.3	24.2	36.2





#68

Pentachlorophenol

Concen: 44.588 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.00 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

Instrument :

BNA_N

ClientSampleId :

A40S4

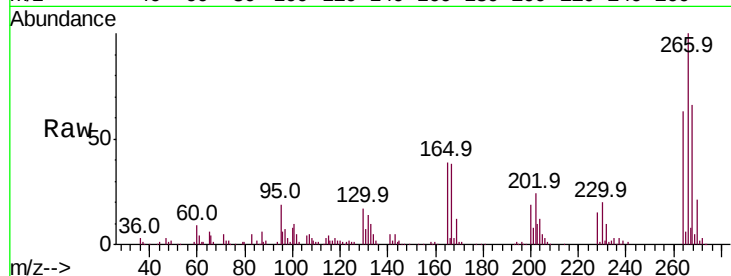
Tot Ion:266 Resp: 225788

Ion Ratio Lower Upper

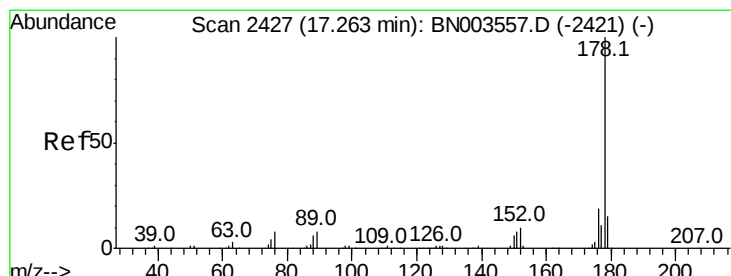
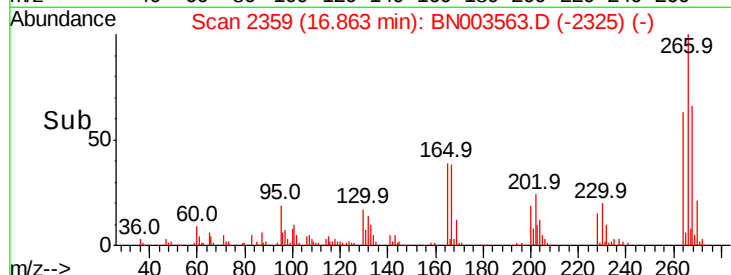
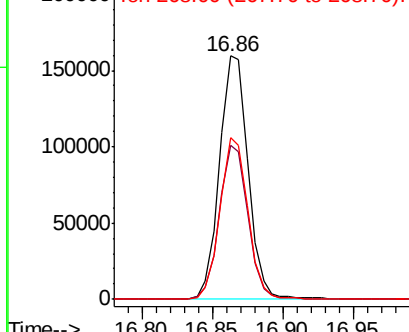
266 100

264 63.5 50.6 76.0

268 66.4 51.3 76.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



#69

Phenanthrene

Concen: 32.978 ng/ul

RT: 17.26 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

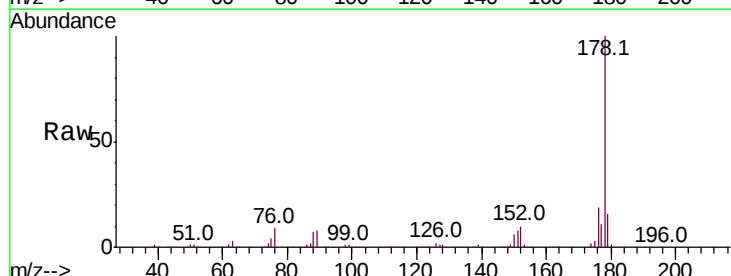
Tgt Ion:178 Resp: 1092263

Ion Ratio Lower Upper

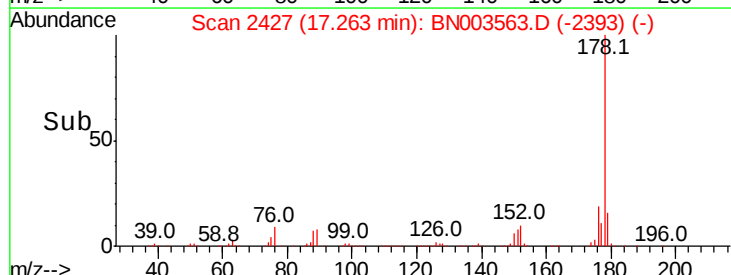
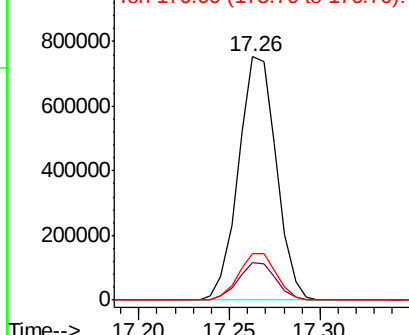
178 100

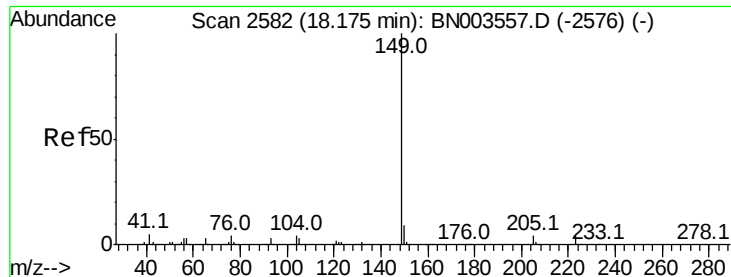
179 15.5 12.3 18.5

176 19.0 14.8 22.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#75

Di-n-butylphthalate

Concen: 42.754 ng/ul

RT: 18.17 min Scan# 2582

Delta R.T. -0.00 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

Instrument :

BNA_N

ClientSampleId :

A40S4

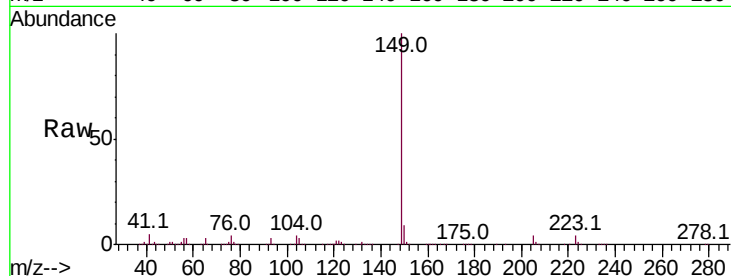
Tot Ion:149 Resp: 1521764

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

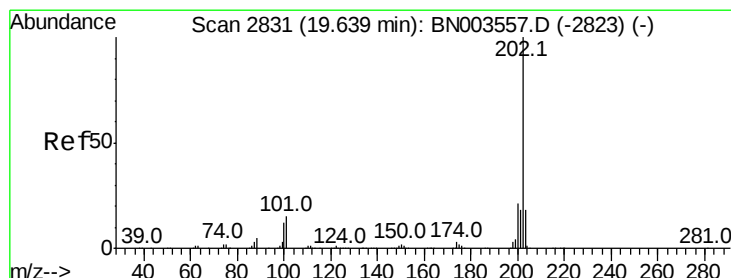
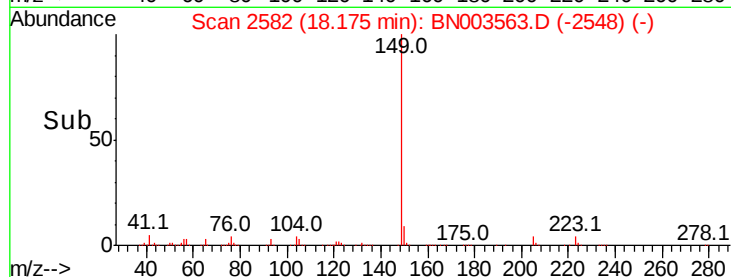
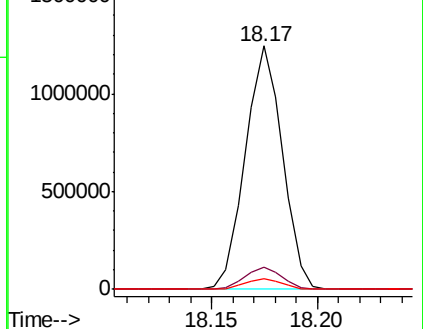
104 4.4 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#79

Pyrene

Concen: 16.713 ng/ul

RT: 19.65 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

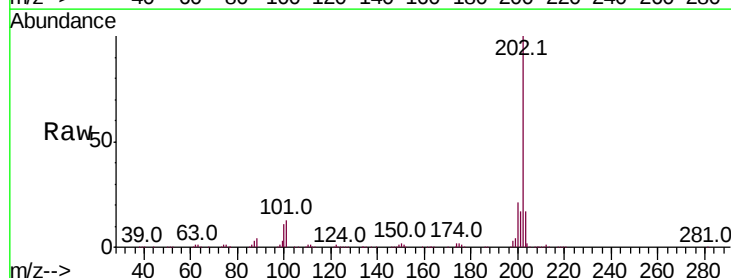
Tgt Ion:202 Resp: 681437

Ion Ratio Lower Upper

202 100

101 13.1 11.0 16.4

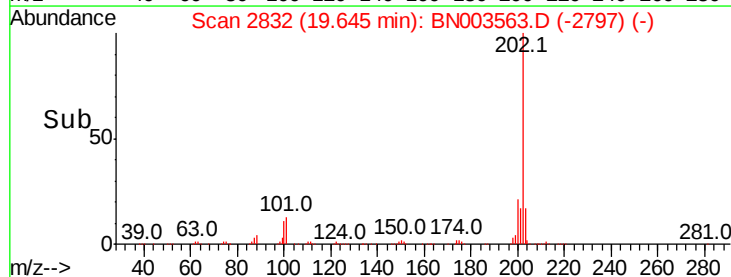
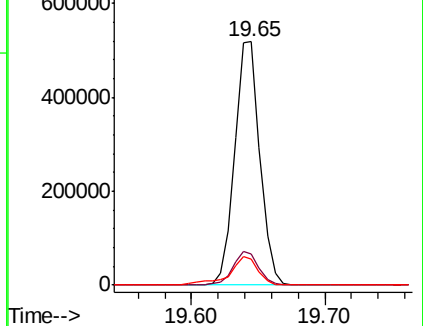
100 10.8 9.4 14.0

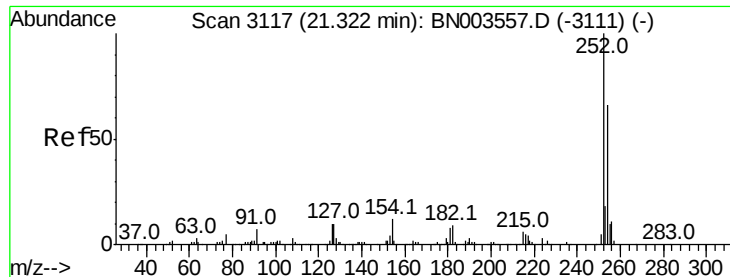


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81

3,3'-Dichlorobenzidine

Concen: 1.449 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

Instrument :

BNA_N

ClientSampleId :

A40S4

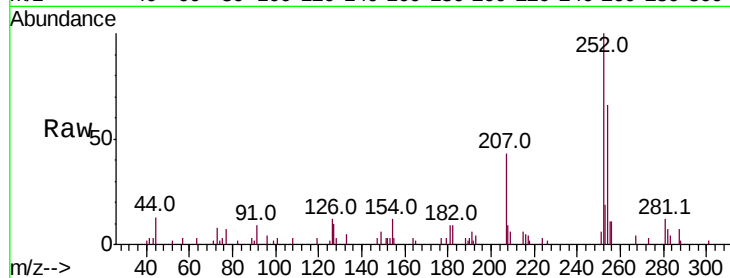
Tot Ion:252 Resp: 20795

Ion Ratio Lower Upper

252 100

254 65.7 51.8 77.6

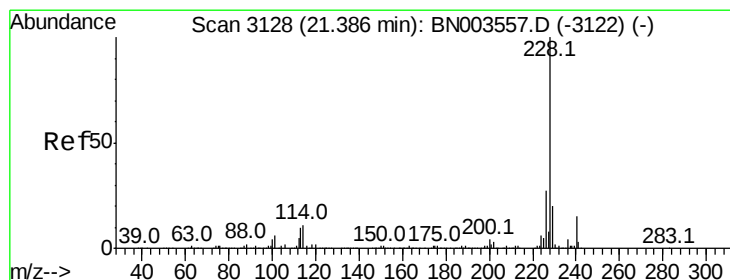
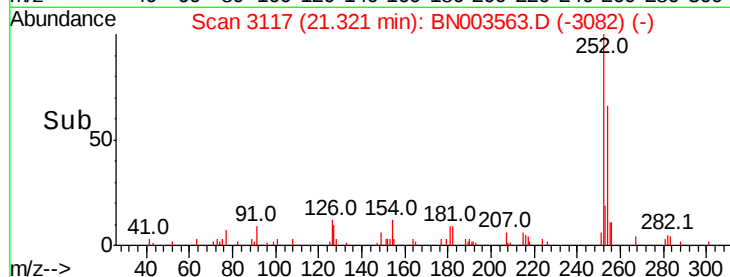
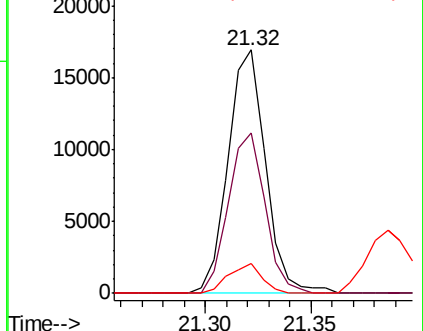
126 12.2 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Benzo(a)anthracene

Concen: 41.694 ng/ul

RT: 21.39 min Scan# 3128

Delta R.T. 0.01 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

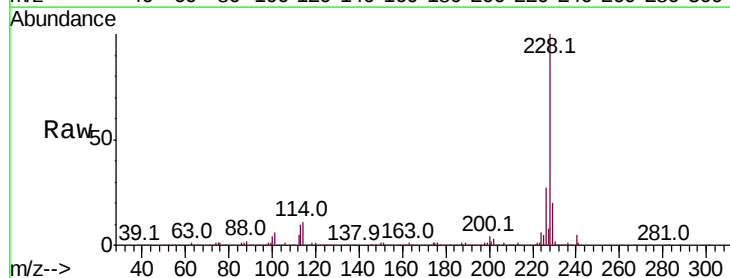
Tgt Ion:228 Resp: 1705234

Ion Ratio Lower Upper

228 100

229 20.1 15.4 23.0

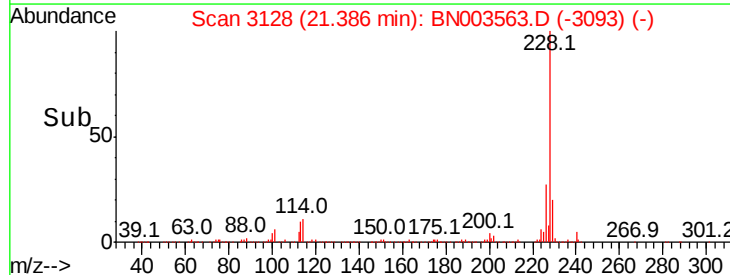
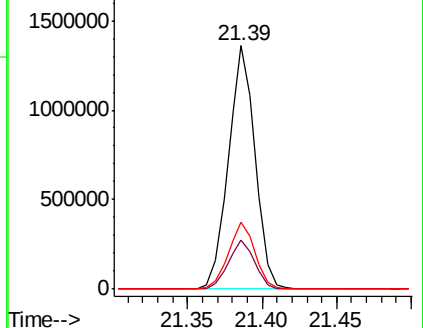
226 27.3 21.2 31.8

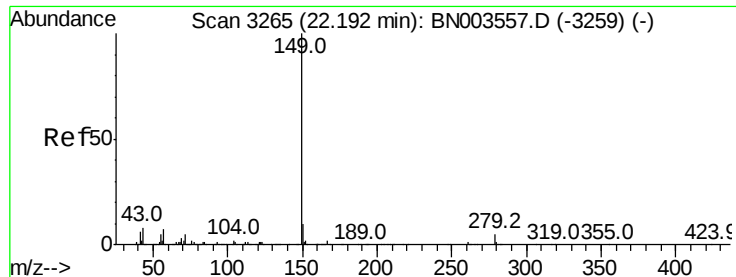


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#86

Di-n-octyl phthalate

Concen: 29.532 ng/ul

RT: 22.19 min Scan# 3265

Delta R.T. -0.00 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

Instrument :

BNA_N

ClientSampleId :

A40S4

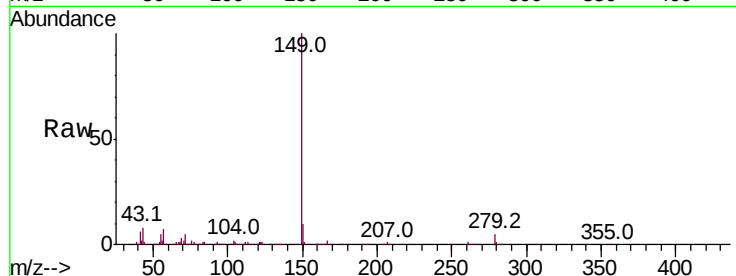
Tot Ion:149 Resp: 1220964

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

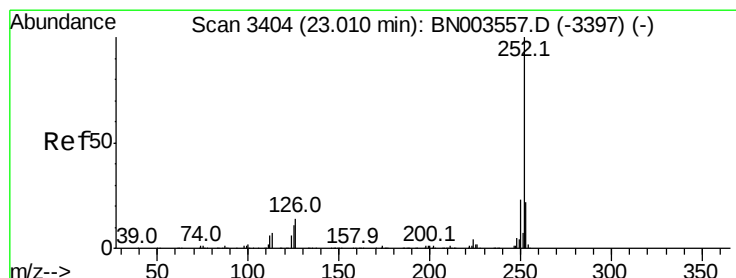
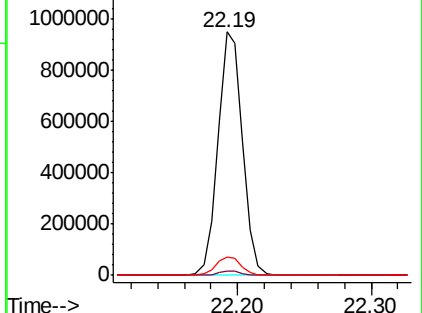
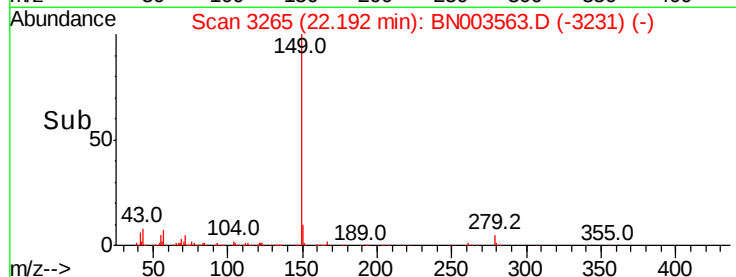
43 7.7 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#87

Benzo(b)fluoranthene

Concen: 31.936 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

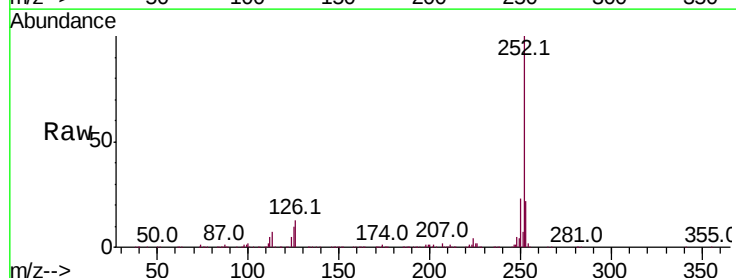
Tgt Ion:252 Resp: 1403716

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

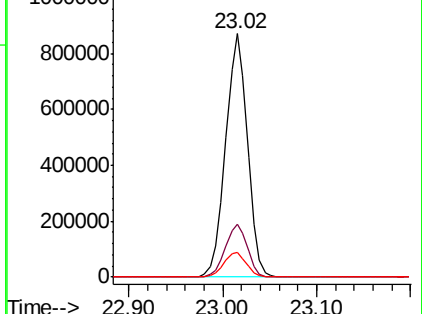
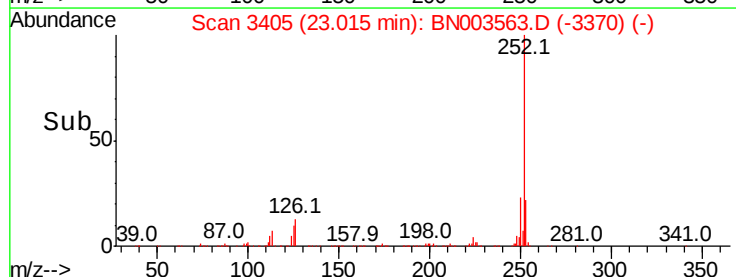
125 10.2 8.2 12.4

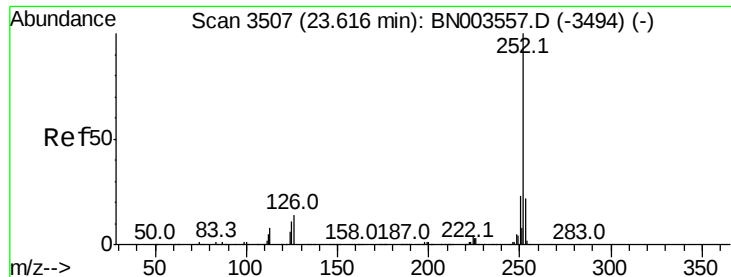


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.697 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. 0.01 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

Instrument :

BNA_N

ClientSampleId :

A40S4

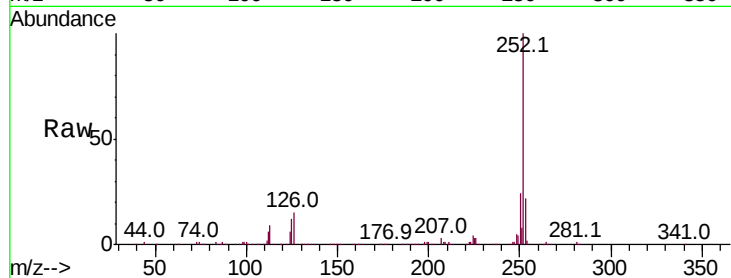
Tot Ion:252 Resp: 844351

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

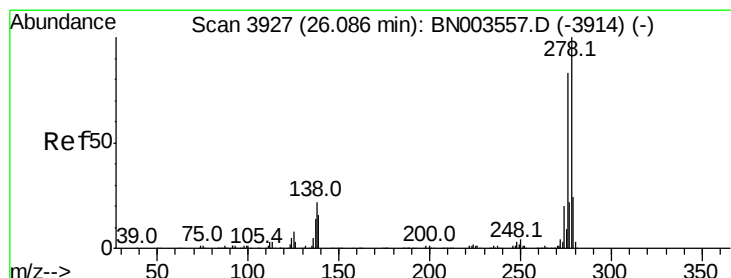
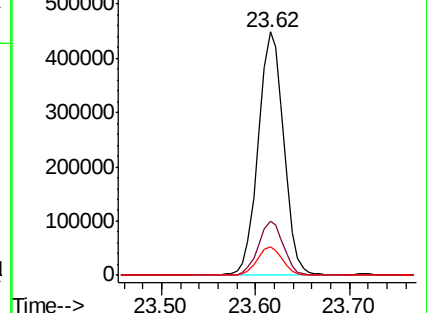
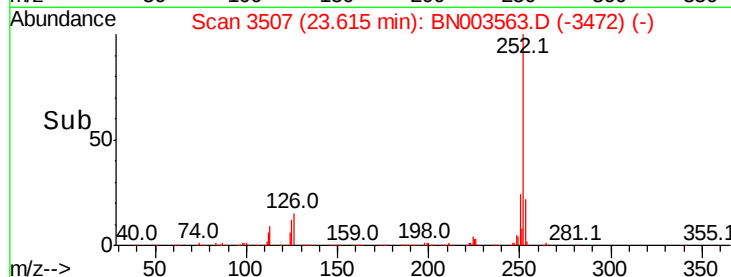
125 12.0 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Dibenzo(a,h)anthracene

Concen: 46.133 ng/ul

RT: 26.09 min Scan# 3928

Delta R.T. 0.01 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

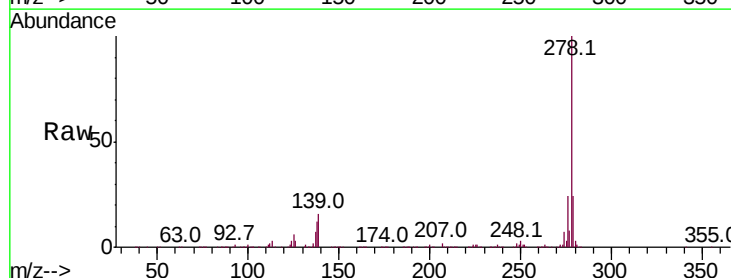
Tgt Ion:278 Resp: 1891288

Ion Ratio Lower Upper

278 100

139 16.3 13.3 19.9

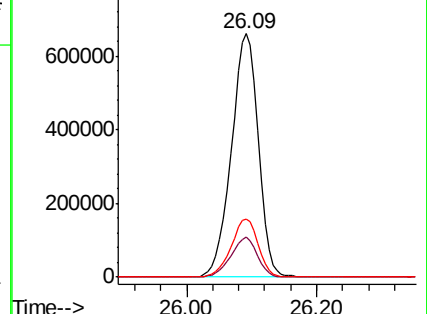
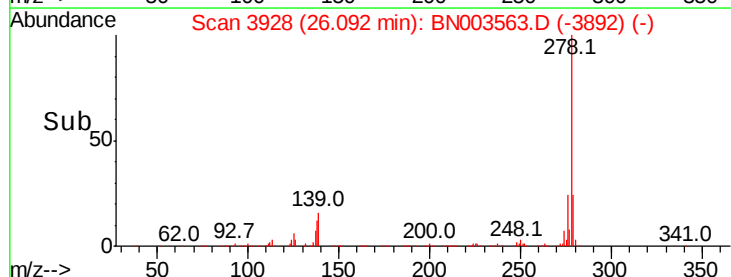
279 23.9 18.8 28.2

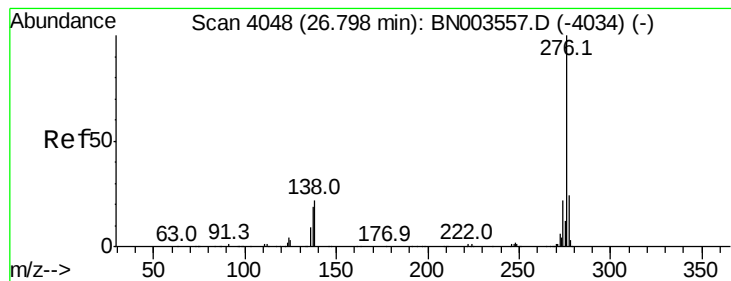


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 23.169 ng/ul

RT: 26.80 min Scan# 4049

Delta R.T. 0.01 min

Lab File: BN003563.D

Acq: 16 Nov 2018 14:53

Instrument :

BNA_N

ClientSampleId :

A40S4

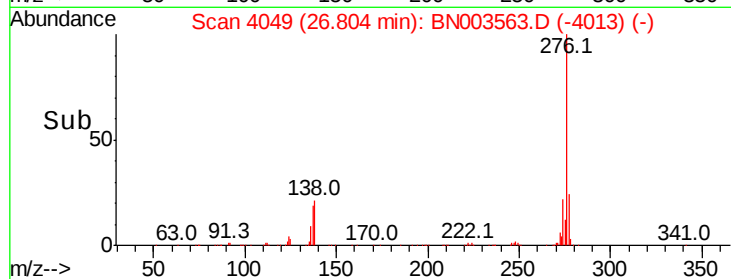
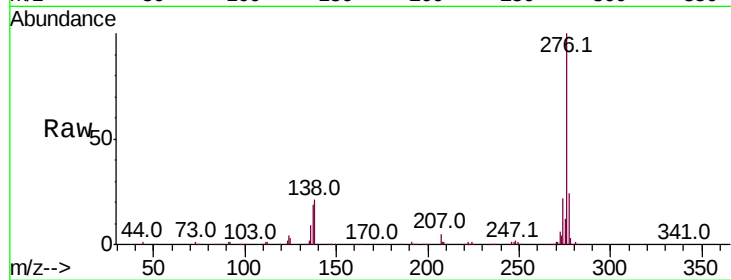
Tot Ion:276 Resp: 938542

Ion Ratio Lower Upper

276 100

138 21.4 17.2 25.8

277 24.1 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

