

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052119\
 Data File : BN005836.D
 Acq On : 21 May 2019 21:53
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02089

Quant Time: May 22 03:40:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 04:05:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	47964	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	194104	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	119781	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	309290	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	387136	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	477363	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	8384	9.79	ng/uL	-0.01
5) Phenol-d5	6.76	99	69724	18.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	37385	19.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	58916	19.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	53596	16.91	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	28191	20.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	30329	18.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	64336	20.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	64142	18.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	188191	20.42	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	235891	21.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	15081	11.62	ng/ul	0.00
57) Fluorene-d10	15.20	176	166961	21.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	24533	13.20	ng/ul	0.01
70) Anthracene-d10	17.06	188	282350	21.13	ng/ul	0.00
78) Pyrene-d10	19.38	212	343331	18.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	451138	21.07	ng/ul	-0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.21	88	8370	9.280	ng/uL 90
4) Benzaldehyde	6.73	77	50390	18.779	ng/ul 100
6) Phenol	6.79	94	71415	18.900	ng/ul 91
8) Bis(2-Chloroethyl)ether	7.00	93	53593	19.355	ng/ul 91
10) 2-Chlorophenol	7.14	128	59753	19.796	ng/ul 94
11) 2-Methylphenol	8.02	108	53972	17.990	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.09	45	65598	18.017	ng/ul# 91
14) Acetophenone	8.38	105	93027	18.330	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.36	70	40809	16.652	ng/ul# 89
16) 4-Methylphenol	8.35	108	58170	17.616	ng/ul 90
17) Hexachloroethane	8.62	117	27271	21.056	ng/ul 86
20) Nitrobenzene	8.76	77	70215	21.558	ng/ul 96
21) Isophorone	9.27	82	123056	18.950	ng/ul 95
23) 2-Nitrophenol	9.46	139	30843	18.209	ng/ul# 92
24) 2,4-Dimethylphenol	9.53	107	70686	20.209	ng/ul 95
25) Bis(2-Chloroethoxy)methane	9.75	93	69179	18.840	ng/ul 98
27) 2,4-Dichlorophenol	10.00	162	58437	19.560	ng/ul 96
28) Naphthalene	10.37	128	186569	20.121	ng/ul 99
30) 4-Chloroaniline	10.50	127	65368	18.746	ng/ul 95
31) Hexachlorobutadiene	10.65	225	49965	22.929	ng/ul 98
32) Caprolactam	11.27	113	17216	15.727	ng/ul 79
33) 4-Chloro-3-methylphenol	11.65	107	61050	18.066	ng/ul 91
34) 2-Methylnaphthalene	12.00	142	138485	19.339	ng/ul 98

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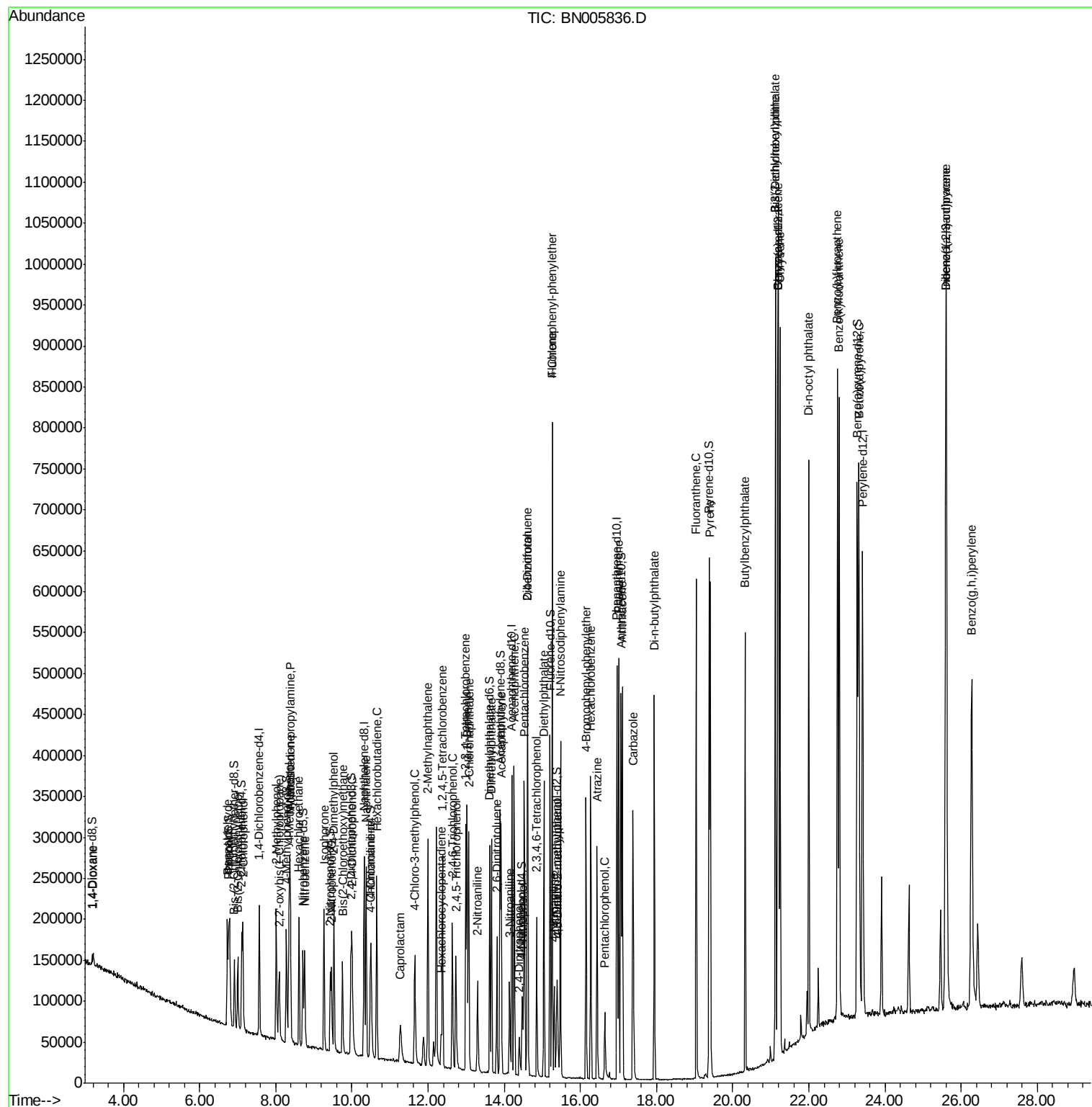
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	91790	23.802	ng/ul#	98
37) Hexachlorocyclopentadiene	12.34	237	17016	14.158	ng/ul	97
38) 2,4,6-Trichlorophenol	12.64	196	50431	21.126	ng/ul#	89
39) 2,4,5-Trichlorophenol	12.73	196	53627	21.385	ng/ul	95
40) 1,1'-Biphenyl	13.03	154	185594	21.308	ng/ul#	96
41) 2-Chloronaphthalene	13.07	162	150700	21.906	ng/ul	96
42) 2-Nitroaniline	13.30	65	35059	17.679	ng/ul	97
44) Dimethylphthalate	13.67	163	187619	20.647	ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	33779	17.641	ng/ul	99
47) Acenaphthylene	13.92	152	222986	20.679	ng/ul	98
48) 3-Nitroaniline	14.14	138	28730	17.029	ng/ul	96
49) Acenaphthene	14.26	153	152872	20.923	ng/ul	98
50) 2,4-Dinitrophenol	14.39	184	16124	16.364	ng/ul	93
52) 4-Nitrophenol	14.48	109	16685	13.760	ng/ul	90
53) Dibenzofuran	14.61	168	236660	21.832	ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	54432	18.970	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	14.85	232	46884	20.135	ng/ul#	95
56) Diethylphthalate	15.04	149	186776	20.309	ng/ul	99
58) Fluorene	15.26	166	187398	21.253	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.26	204	107055	22.255	ng/ul	98
60) 4-Nitroaniline	15.31	138	30877	16.416	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.40	198	25834	13.872	ng/ul#	95
64) N-Nitrosodiphenylamine	15.47	169	159648	19.944	ng/ul	99
65) 4-Bromophenyl-phenylether	16.15	248	69090	21.332	ng/ul	97
66) Hexachlorobenzene	16.27	284	80004	22.019	ng/ul	96
67) Atrazine	16.44	200	61519	18.316	ng/ul	96
68) Pentachlorophenol	16.64	266	23988	14.310	ng/ul	97
69) Phenanthrene	17.00	178	317265	20.694	ng/ul	99
71) Anthracene	17.10	178	325553	20.855	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	95996	23.151	ng/uL	98
73) Pentachlorobenzene	14.53	250	89833	21.966	ng/uL	97
74) Carbazole	17.38	167	277262	20.146	ng/ul	100
75) Di-n-butylphthalate	17.94	149	306489	18.643	ng/ul#	98
76) Fluoranthene	19.04	202	414889	21.888	ng/ul#	89
79) Pyrene	19.41	202	435613	18.323	ng/ul#	86
80) Butylbenzylphthalate	20.33	149	139908	14.365	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.13	252	120385	14.804	ng/ul#	97
82) Benzo(a)anthracene	21.19	228	492807	20.206	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	215129	15.568	ng/ul#	96
84) Chrysene	21.24	228	471242	20.496	ng/ul	99
86) Di-n-octyl phthalate	22.00	149	409454	16.076	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	538480	20.504	ng/ul#	96
88) Benzo(k)fluoranthene	22.80	252	547424	21.543	ng/ul#	97
90) Benzo(a)pyrene	23.32	252	546888	21.506	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.60	276	700891	22.543	ng/ul#	91
92) Dibenzo(a,h)anthracene	25.60	278	583964	22.313	ng/ul#	92
93) Benzo(g,h,i)perylene	26.27	276	592772	22.808	ng/ul#	91

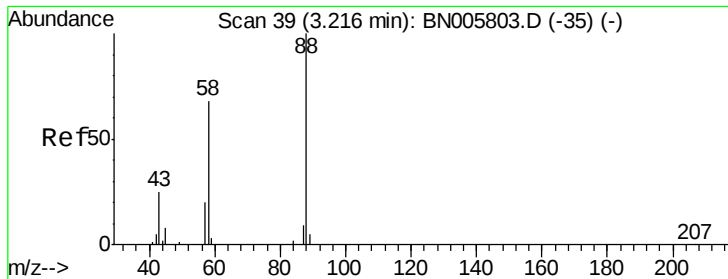
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 9.280 ng/uL

RT: 3.21 min Scan# 38

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

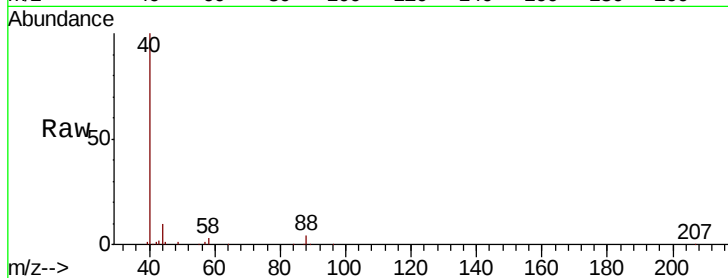
Tgt Ion: 88 Resp: 8370

Ion Ratio Lower Upper

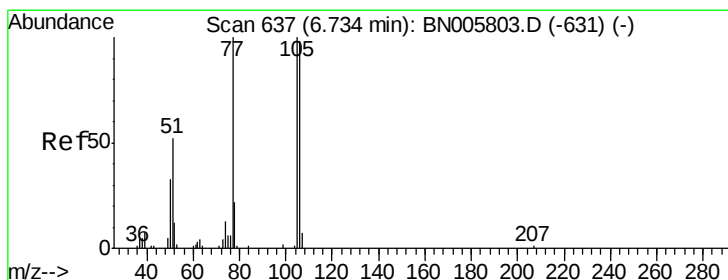
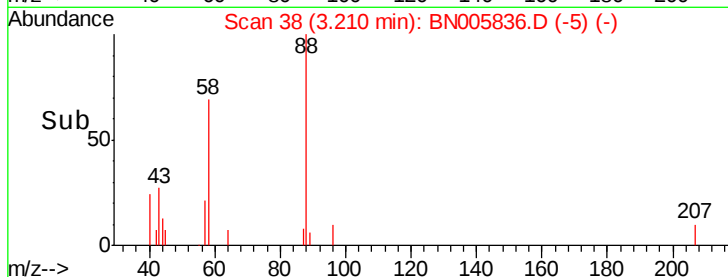
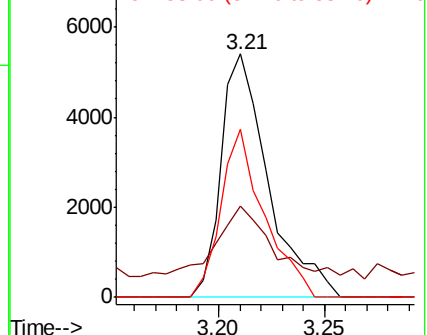
88 100

43 37.6 25.3 37.9

58 69.0 62.3 93.5



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 43.00 (42.70 to 43.70): BN0
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 18.779 ng/uL

RT: 6.73 min Scan# 636

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

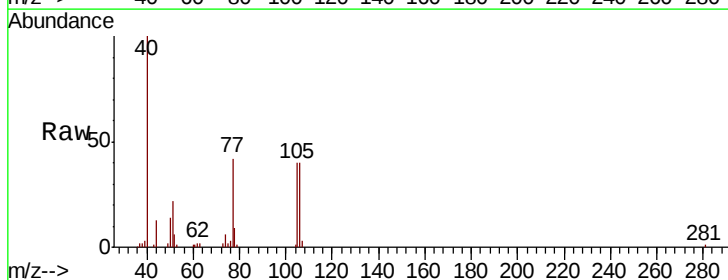
Tgt Ion: 77 Resp: 50390

Ion Ratio Lower Upper

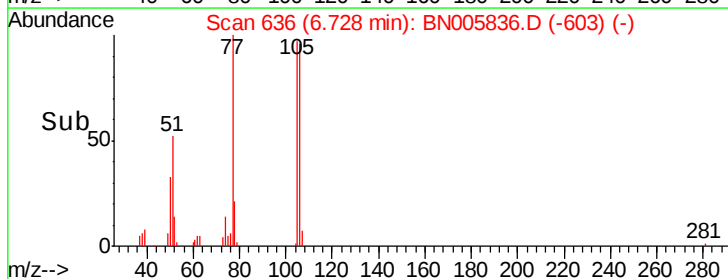
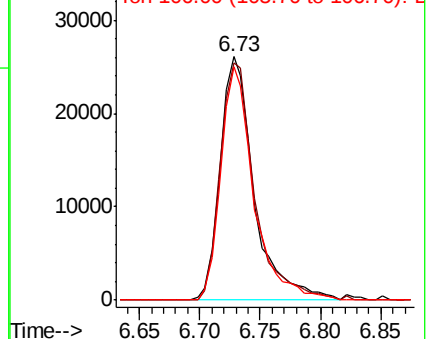
77 100

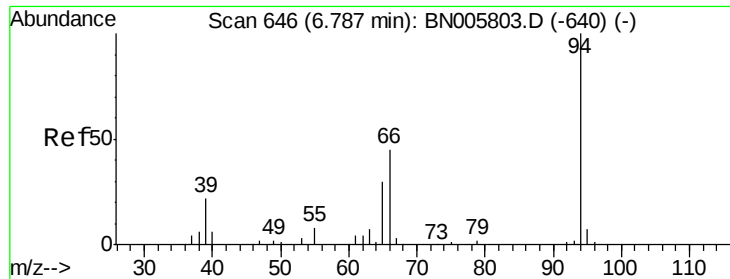
105 97.2 77.4 116.2

106 95.7 76.3 114.5



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#6

Phenol

Concen: 18.900 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. 0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

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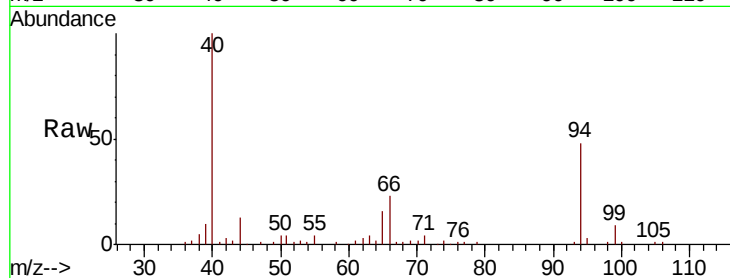
Tgt Ion: 94 Resp: 71415

Ion Ratio Lower Upper

94 100

65 33.8 24.2 36.4

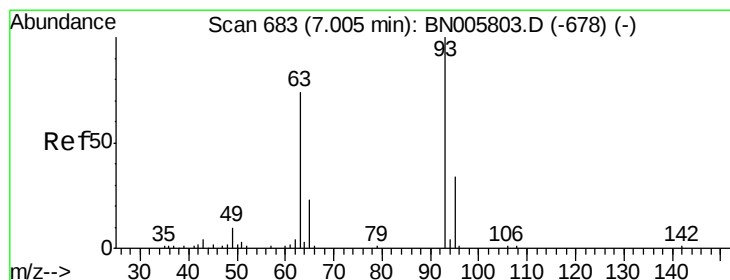
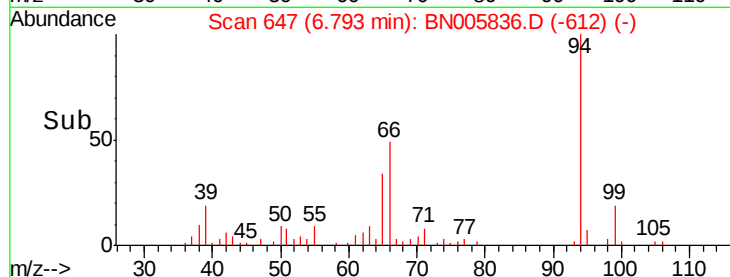
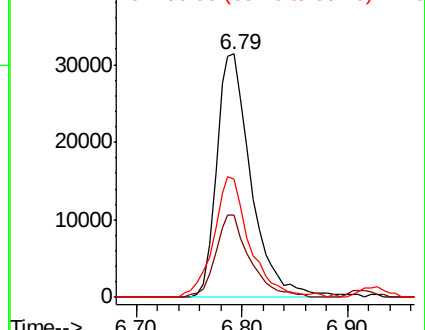
66 48.7 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN005803.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BN005803.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BN005803.D (-640) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.355 ng/ul

RT: 7.00 min Scan# 683

Delta R.T. -0.00 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

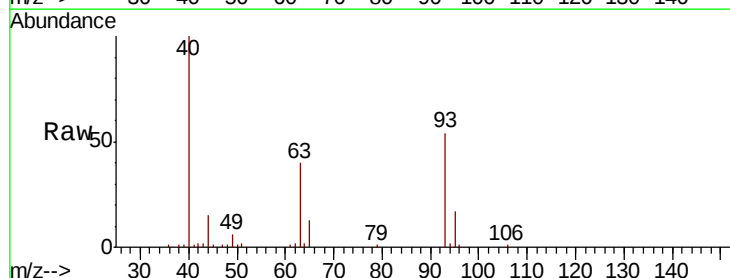
Tgt Ion: 93 Resp: 53593

Ion Ratio Lower Upper

93 100

63 74.5 67.1 100.7

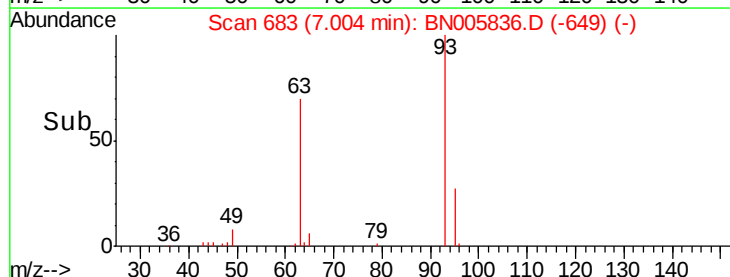
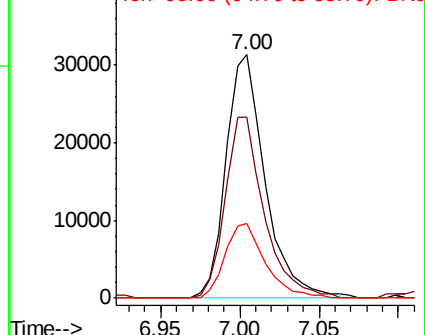
95 30.8 26.9 40.3

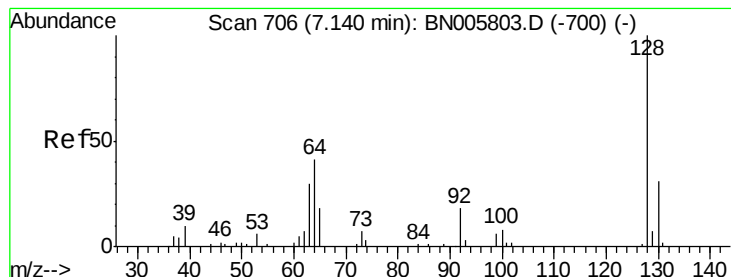


Abundance Ion 93.00 (92.70 to 93.70): BN005803.D (-678) (-)

Ion 63.00 (62.70 to 63.70): BN005803.D (-678) (-)

Ion 95.00 (94.70 to 95.70): BN005803.D (-678) (-)





#10

2-Chlorophenol

Concen: 19.796 ng/ul

RT: 7.14 min Scan# 706

Delta R.T. -0.00 min

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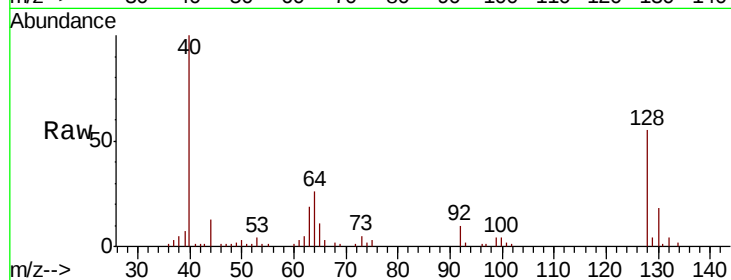
Tgt Ion:128 Resp: 59753

Ion Ratio Lower Upper

128 100

64 46.7 42.3 63.5

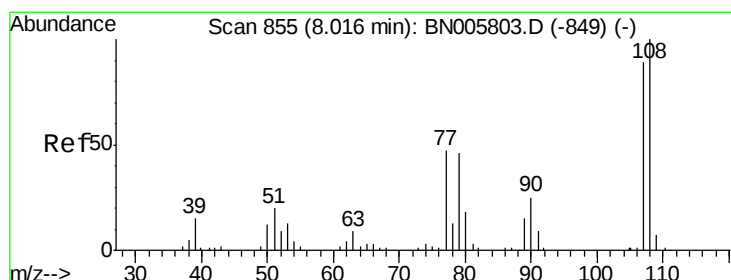
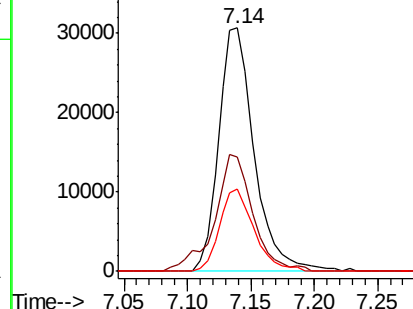
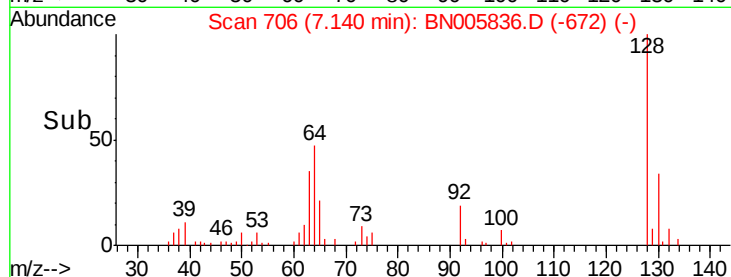
130 33.6 26.5 39.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 17.990 ng/ul

RT: 8.02 min Scan# 855

Delta R.T. -0.00 min

Lab File: BN005836.D

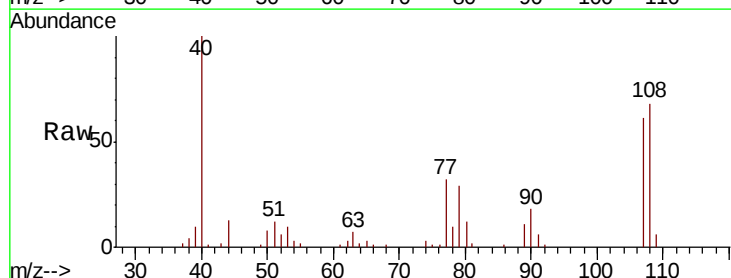
Acq: 21 May 2019 21:53

Tgt Ion:108 Resp: 53972

Ion Ratio Lower Upper

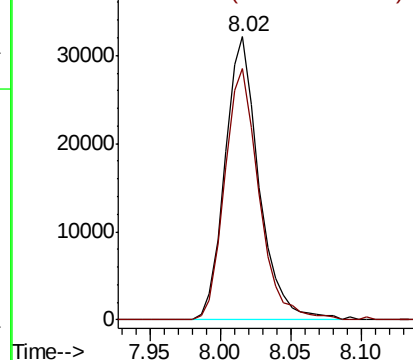
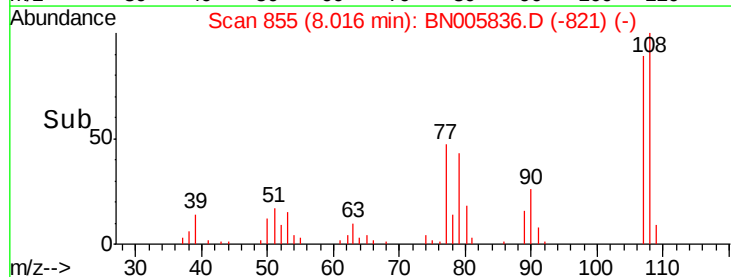
108 100

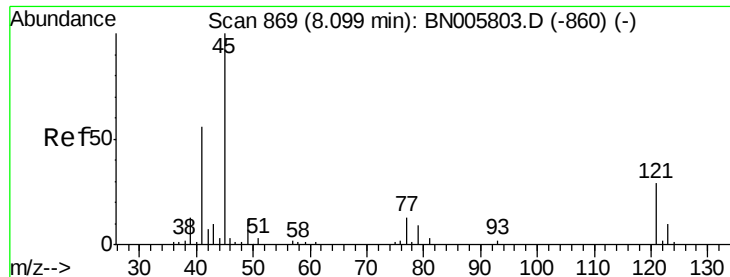
107 89.0 72.9 109.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

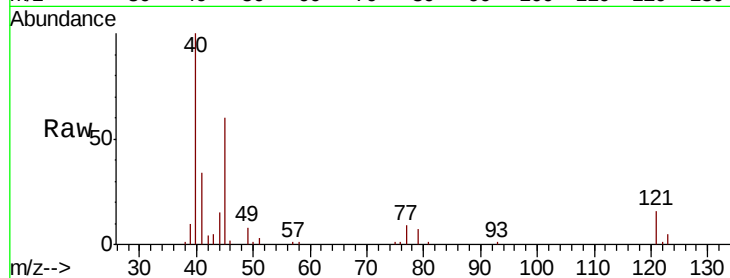




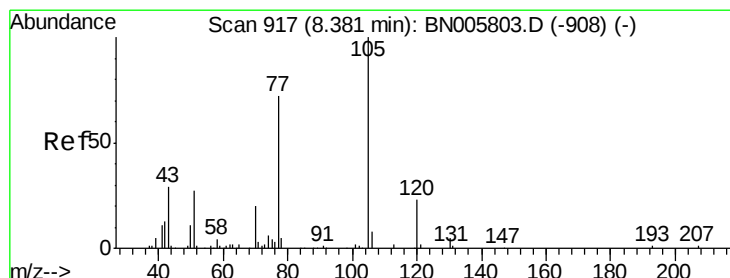
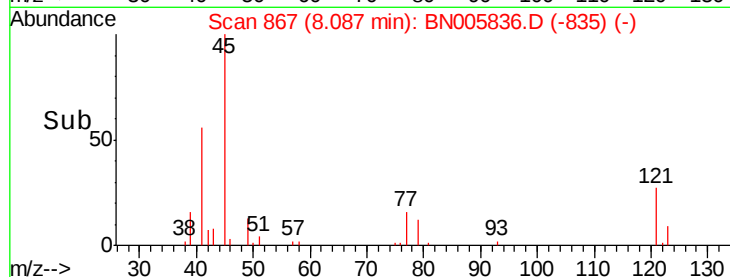
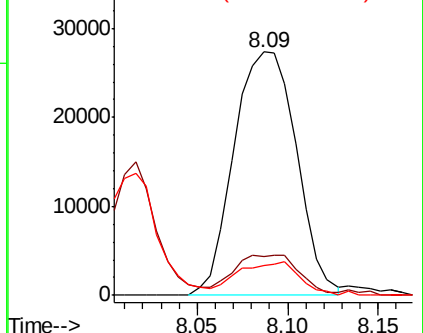
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 18.017 ng/ul
 RT: 8.09 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BN005836.D
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Tgt Ion: 45 Resp: 65598
 Ion Ratio Lower Upper
 45 100
 77 15.8 9.8 14.6#
 79 12.4 7.4 11.0#

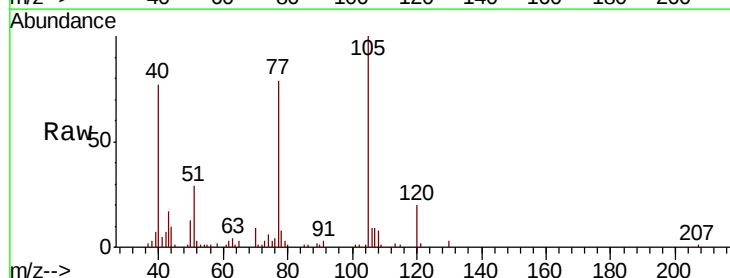


Abundance Ion 45.00 (44.70 to 45.70): BNC
 Ion 77.00 (76.70 to 77.70): BNC
 Ion 79.00 (78.70 to 79.70): BNC

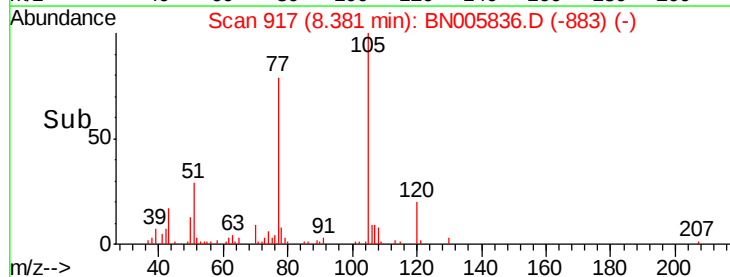
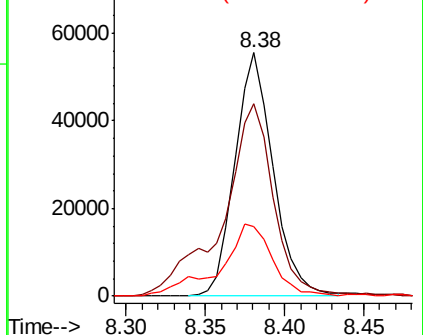


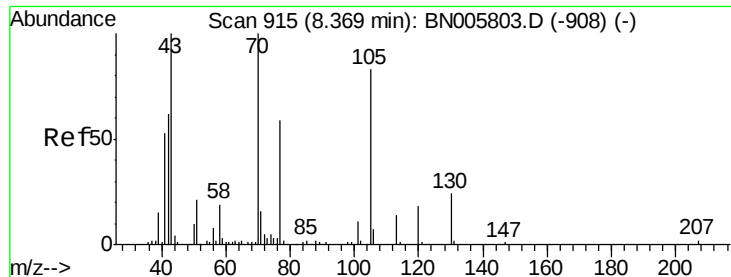
#14
 Acetophenone
 Concen: 18.330 ng/ul
 RT: 8.38 min Scan# 917
 Delta R.T. -0.00 min
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Tgt Ion: 105 Resp: 93027
 Ion Ratio Lower Upper
 105 100
 77 78.8 63.4 95.0
 51 28.8 24.2 36.4



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

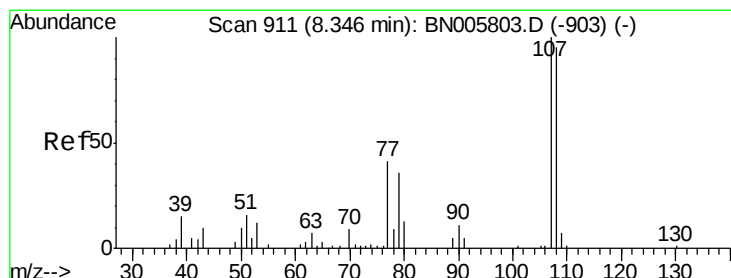
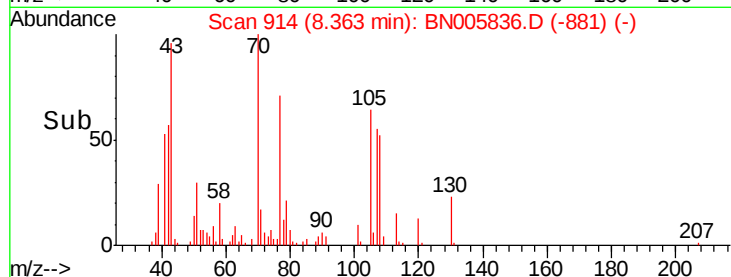
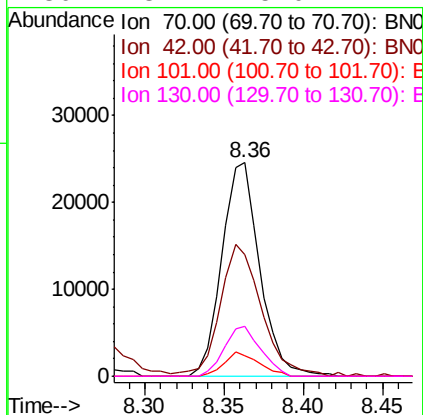
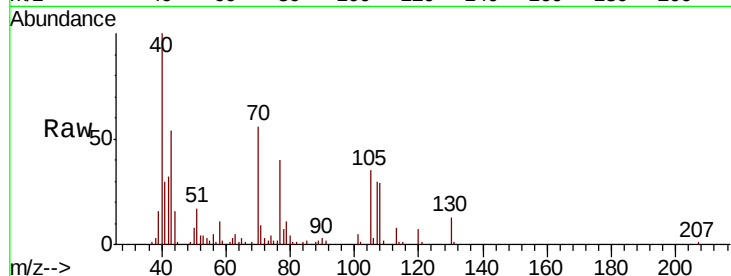




#15
N-Nitroso-di-n-propylamine
Concen: 16.652 ng/ul
RT: 8.36 min Scan# 914
Delta R.T. -0.01 min
Lab File: BN005836.D
Acq: 21 May 2019 21:53

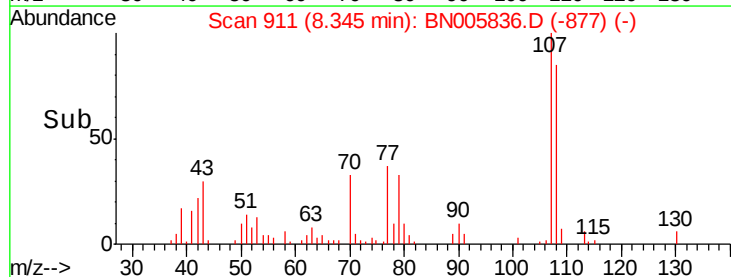
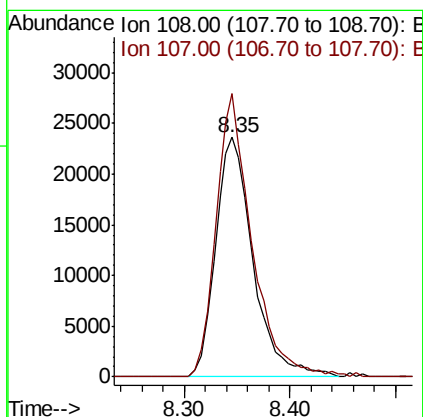
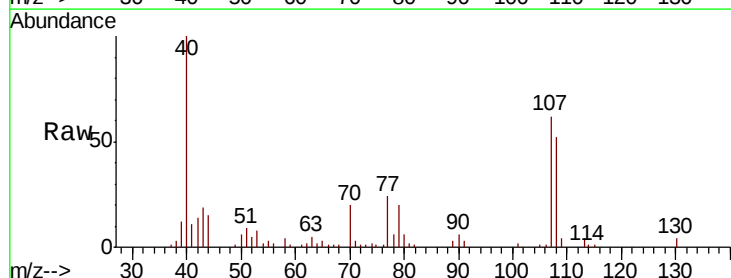
Instrument :
BNA_N
ClientSampleId :
SSTD02089

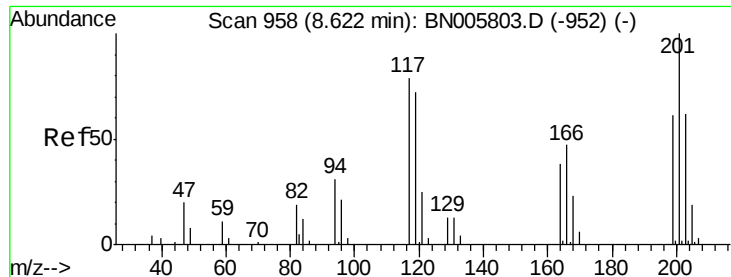
Tgt Ion: 70 Resp: 40809
Ion Ratio Lower Upper
70 100
42 56.7 53.8 80.8
101 9.7 7.7 11.5
130 23.2 15.0 22.4#



#16
4-Methylphenol
Concen: 17.616 ng/ul
RT: 8.35 min Scan# 911
Delta R.T. -0.00 min
Lab File: BN005836.D
Acq: 21 May 2019 21:53

Tgt Ion: 108 Resp: 58170
Ion Ratio Lower Upper
108 100
107 118.1 86.1 129.1

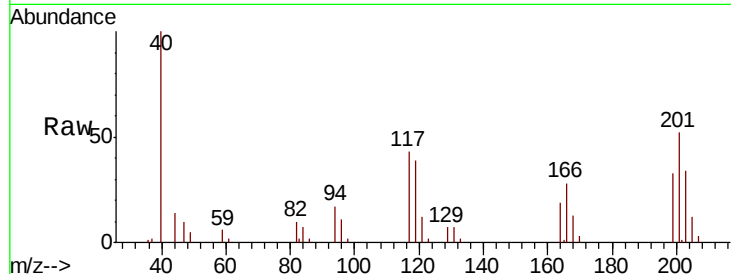




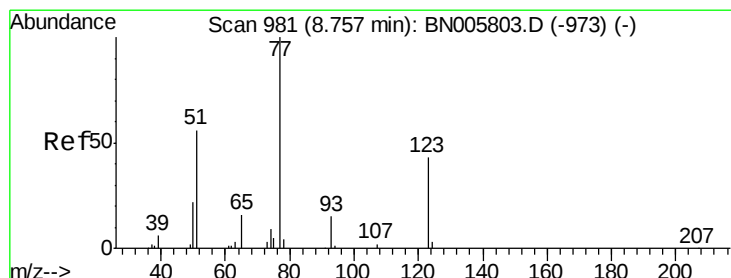
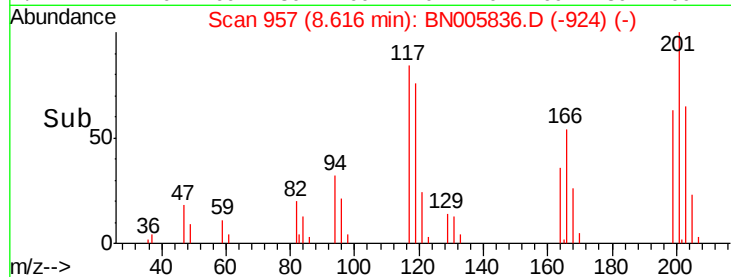
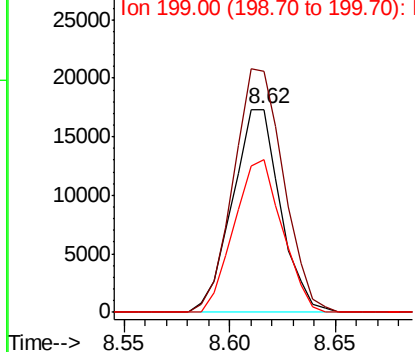
#17
Hexachloroethane
Concen: 21.056 ng/ul
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BN005836.D
Acq: 21 May 2019 21:53

Instrument :
BNA_N
ClientSampleId :
SSTD02089

Tgt Ion: 117 Resp: 27271
Ion Ratio Lower Upper
117 100
201 118.9 84.1 126.1
199 75.3 51.2 76.8

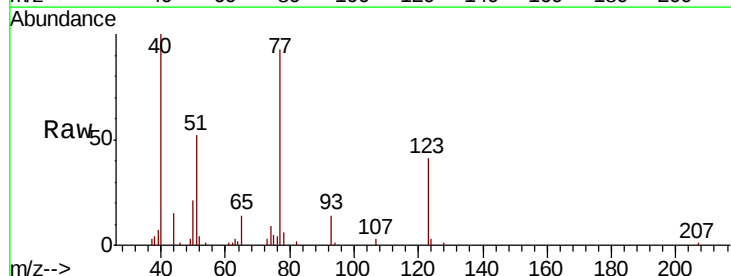


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

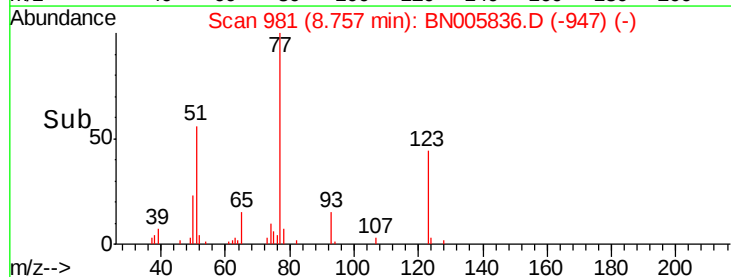
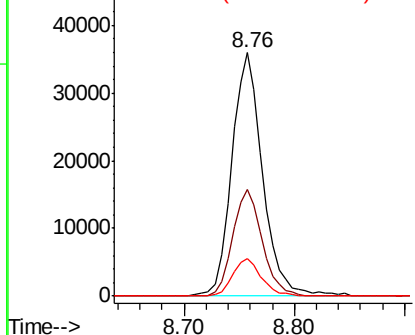


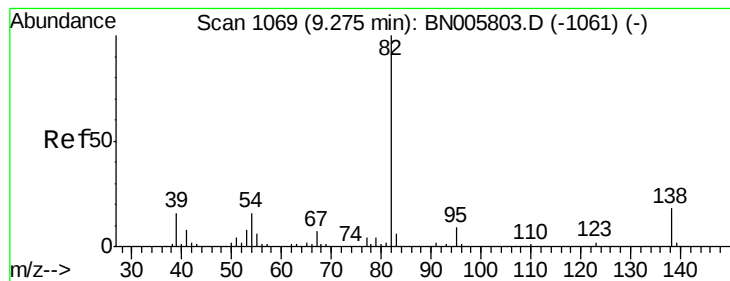
#20
Nitrobenzene
Concen: 21.558 ng/ul
RT: 8.76 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN005836.D
Acq: 21 May 2019 21:53

Tgt Ion: 77 Resp: 70215
Ion Ratio Lower Upper
77 100
123 43.9 32.6 49.0
65 15.3 11.6 17.4



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 18.950 ng/ul

RT: 9.27 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

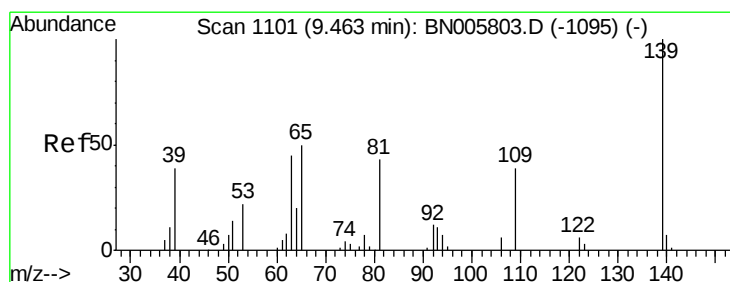
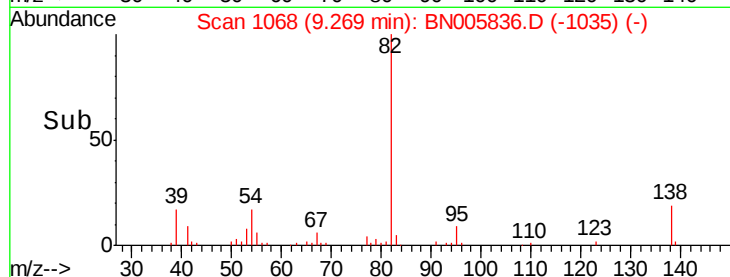
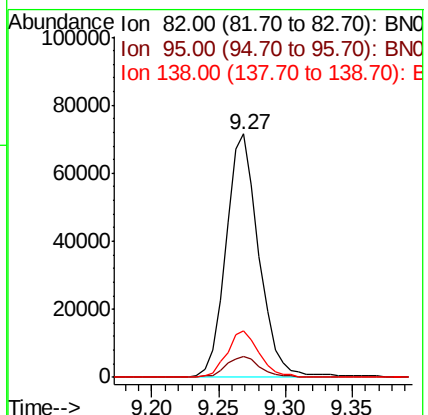
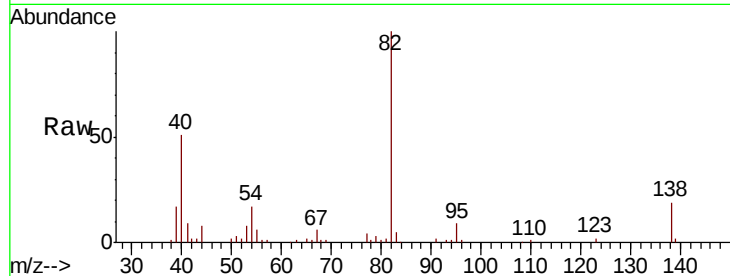
Tgt Ion: 82 Resp: 123056

Ion Ratio Lower Upper

82 100

95 8.8 6.2 9.2

138 19.1 13.2 19.8



#23

2-Nitrophenol

Concen: 18.209 ng/ul

RT: 9.46 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

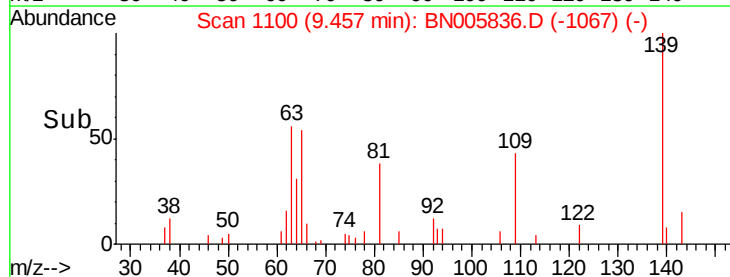
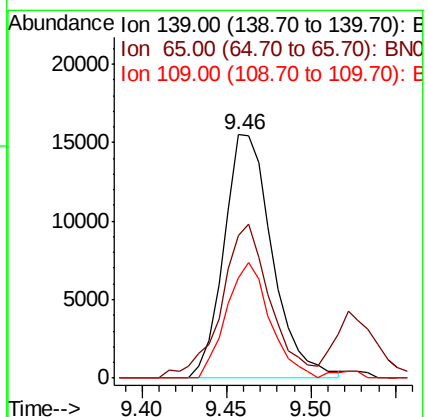
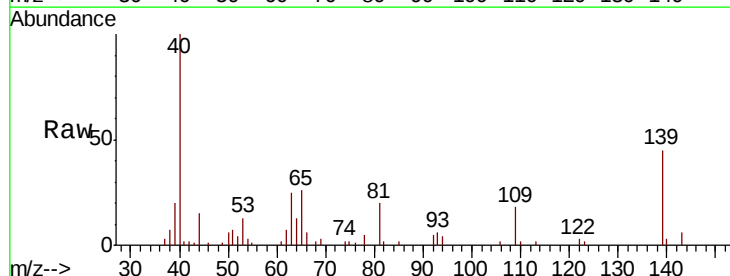
Tgt Ion: 139 Resp: 30843

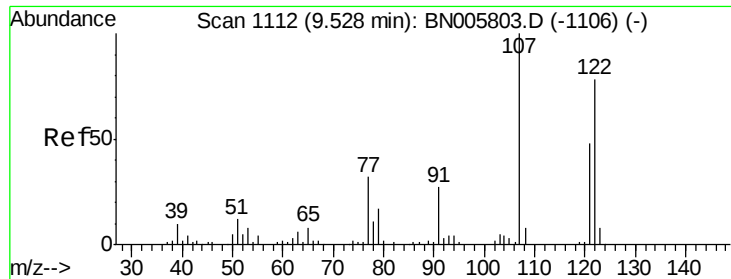
Ion Ratio Lower Upper

139 100

65 58.6 44.2 66.4

109 41.0 26.8 40.2#

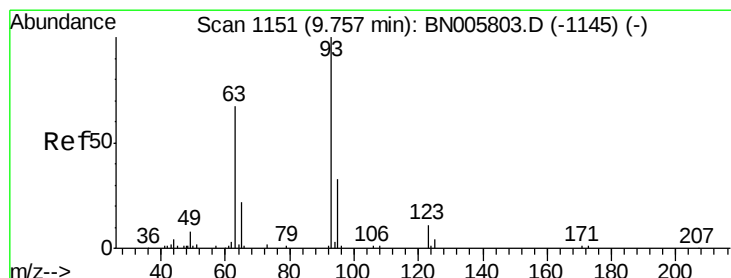
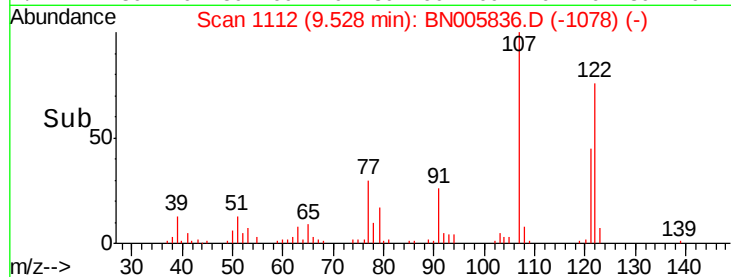
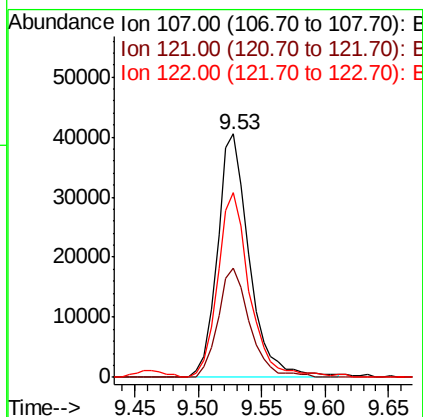
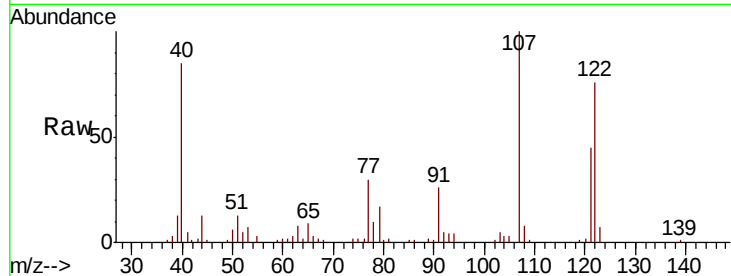




#24
 2,4-Dimethylphenol
 Concen: 20.209 ng/ul
 RT: 9.53 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BN005836.D
 Acq: 21 May 2019 21:53

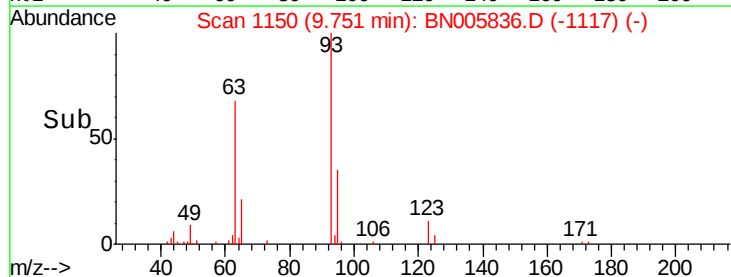
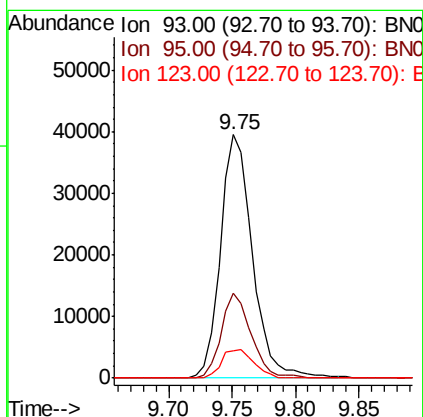
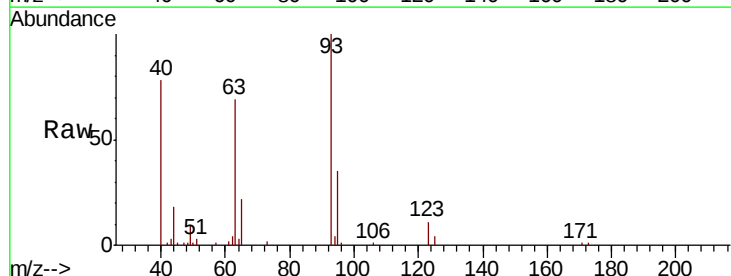
Instrument :
 BNA_N
 ClientSampleID :
 SSTD02089

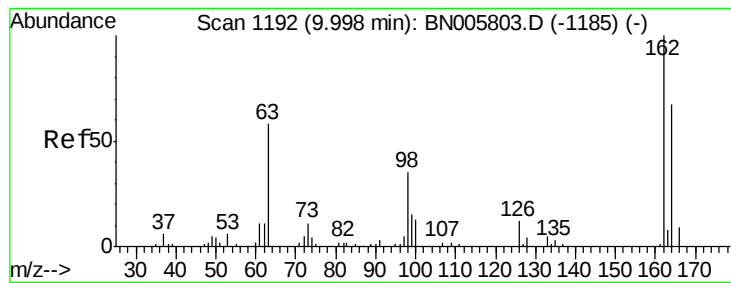
Tgt Ion: 107 Resp: 70686
 Ion Ratio Lower Upper
 107 100
 121 44.8 37.8 56.8
 122 76.1 65.0 97.4



#25
 Bis(2-Chloroethoxy)methane
 Concen: 18.840 ng/ul
 RT: 9.75 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BN005836.D
 Acq: 21 May 2019 21:53

Tgt Ion: 93 Resp: 69179
 Ion Ratio Lower Upper
 93 100
 95 34.9 26.6 39.8
 123 11.1 8.9 13.3





#27

2,4-Dichlorophenol

Concen: 19.560 ng/ul

RT: 10.00 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

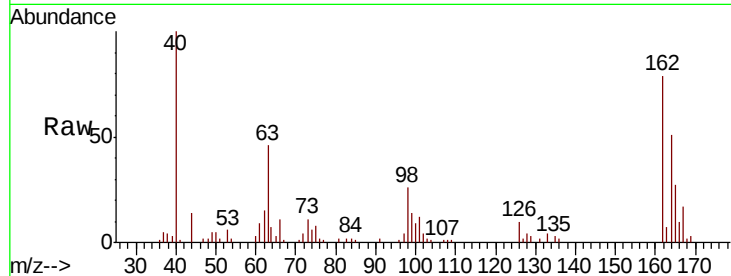
Tgt Ion:162 Resp: 58437

Ion Ratio Lower Upper

162 100

164 64.7 52.6 79.0

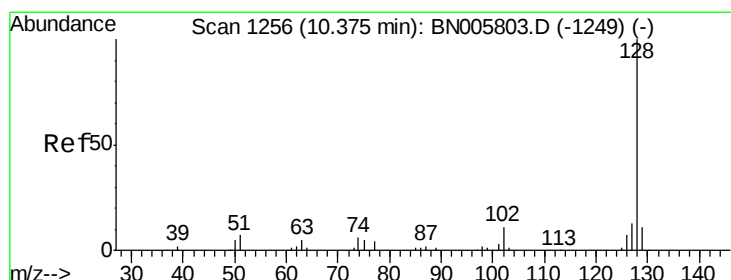
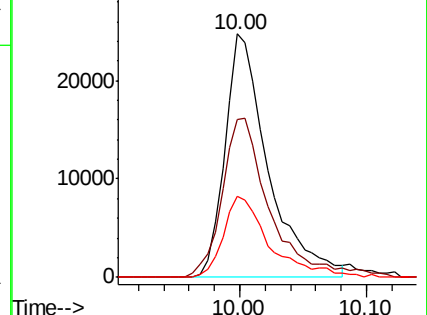
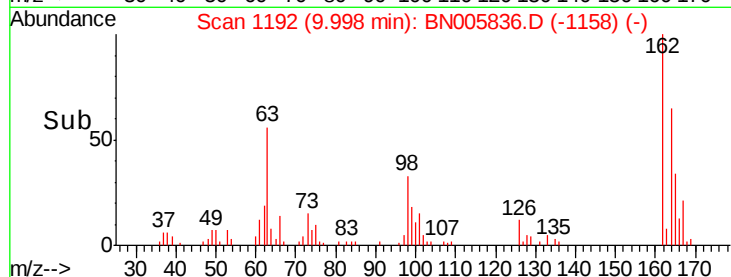
98 33.2 30.8 46.2



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: 20.121 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

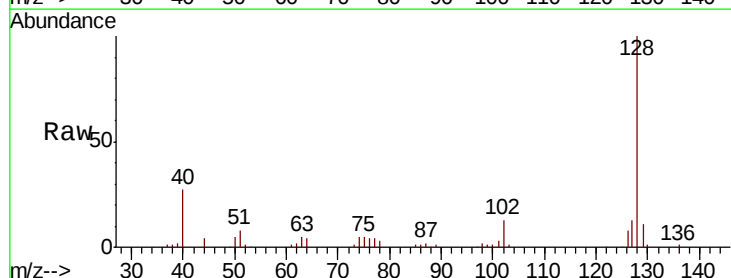
Tgt Ion:128 Resp: 186569

Ion Ratio Lower Upper

128 100

129 10.9 9.2 13.8

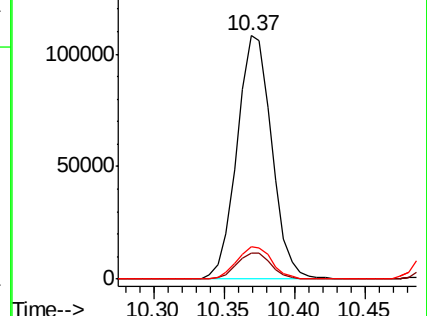
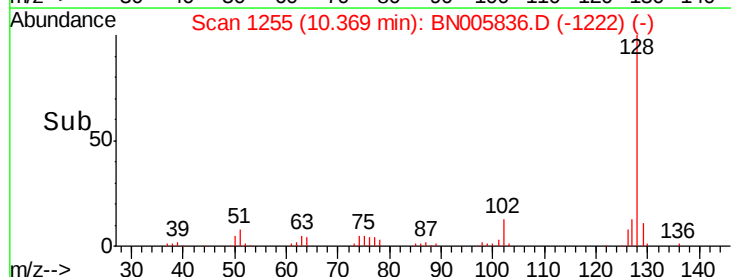
127 13.5 10.7 16.1

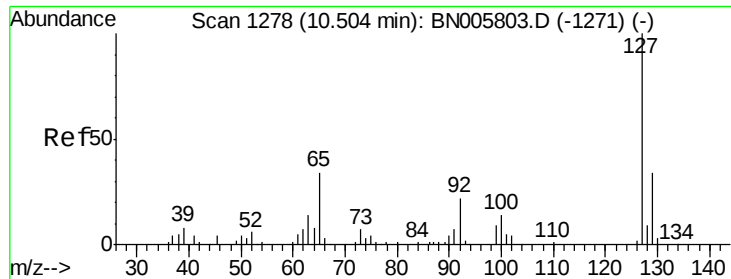


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

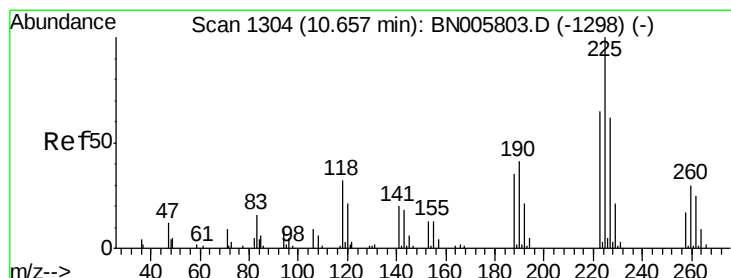
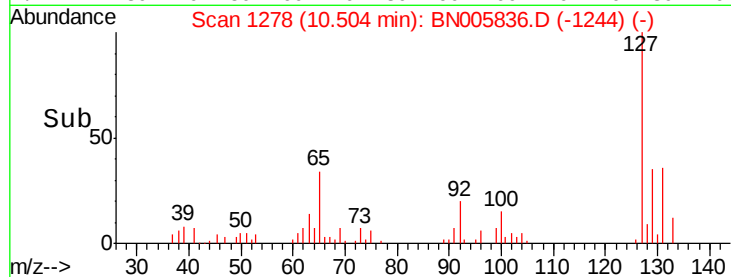
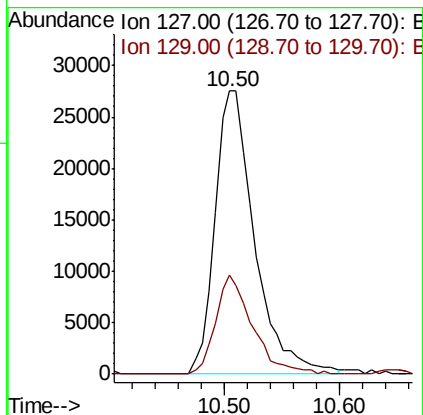
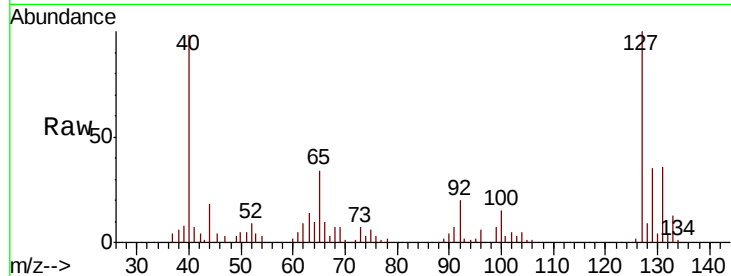




#30
4-Chloroaniline
Concen: 18.746 ng/ul
RT: 10.50 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BN005836.D
Acq: 21 May 2019 21:53

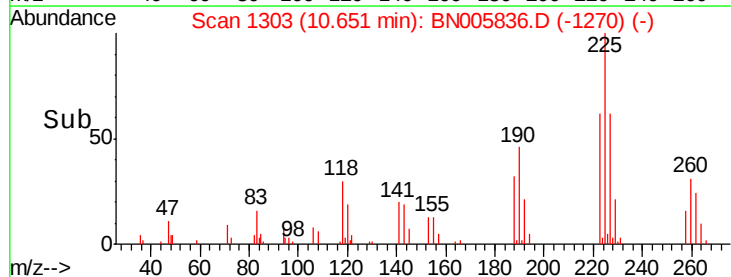
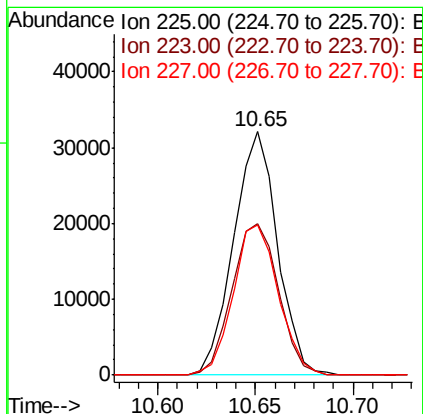
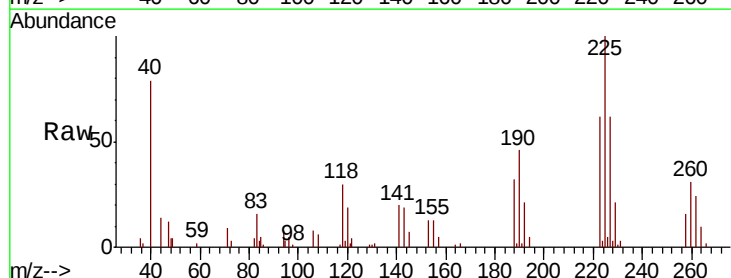
Instrument :
BNA_N
ClientSampleId :
SSTD02089

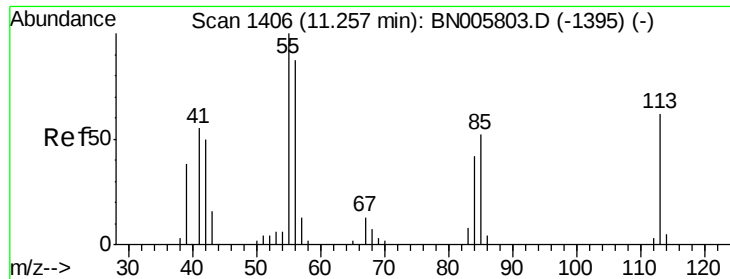
Tgt Ion:127 Resp: 65368
Ion Ratio Lower Upper
127 100
129 35.1 25.8 38.6



#31
Hexachlorobutadiene
Concen: 22.929 ng/ul
RT: 10.65 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BN005836.D
Acq: 21 May 2019 21:53

Tgt Ion:225 Resp: 49965
Ion Ratio Lower Upper
225 100
223 62.2 48.5 72.7
227 61.6 51.0 76.6





#32

Caprolactam

Concen: 15.727 ng/ul

RT: 11.27 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

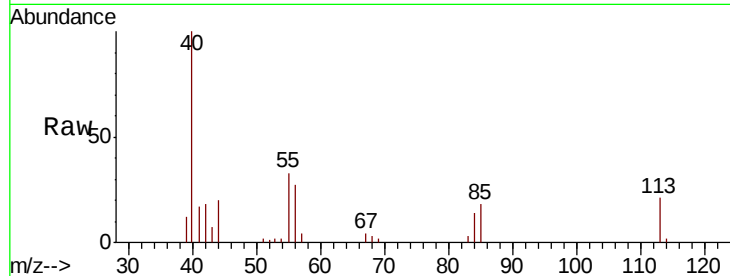
Tgt Ion:113 Resp: 17216

Ion Ratio Lower Upper

113 100

55 159.9 157.0 235.4

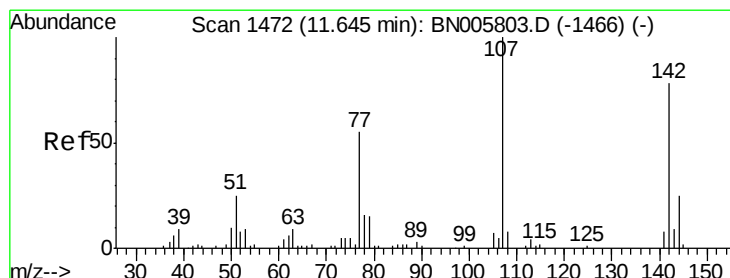
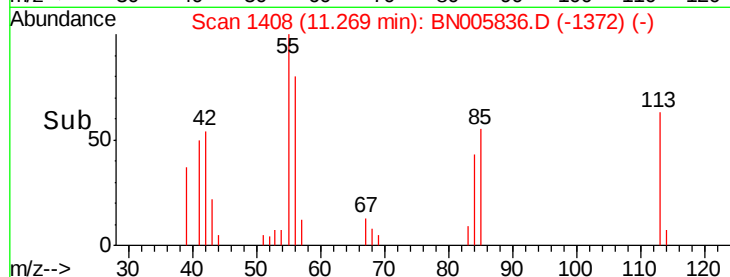
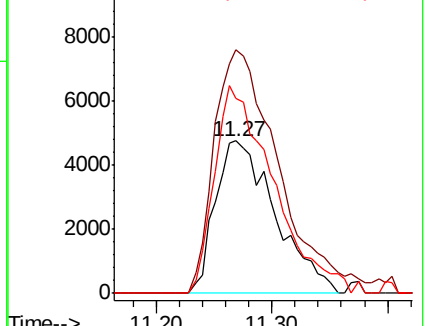
56 128.0 119.1 178.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC



#33

4-Chloro-3-methylphenol

Concen: 18.066 ng/ul

RT: 11.65 min Scan# 1473

Delta R.T. 0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

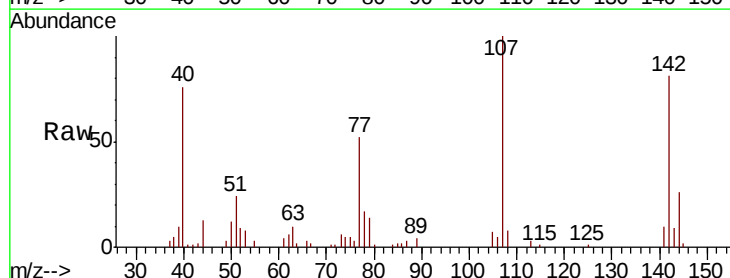
Tgt Ion:107 Resp: 61050

Ion Ratio Lower Upper

107 100

144 26.1 19.4 29.0

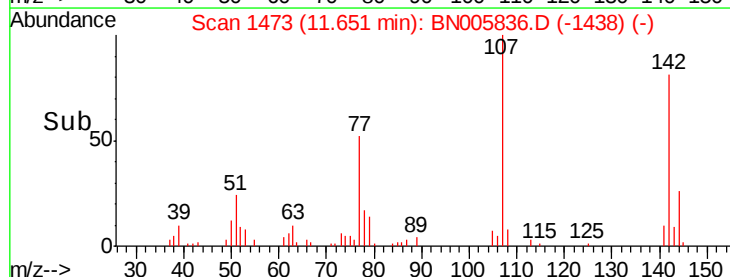
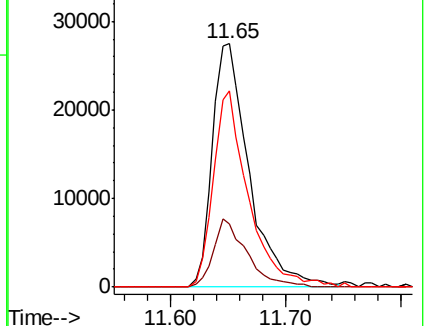
142 80.6 57.7 86.5

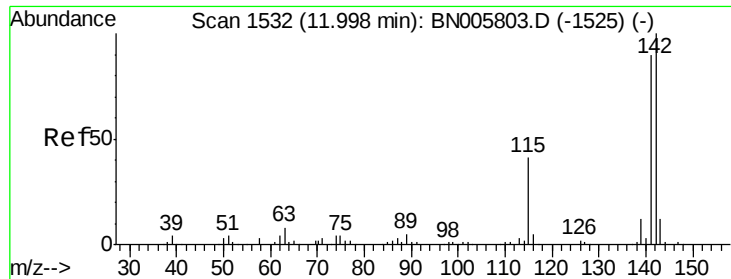


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

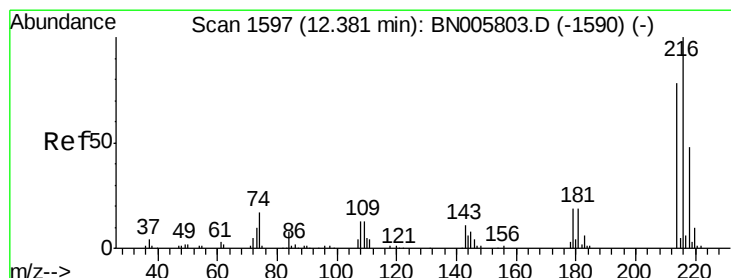
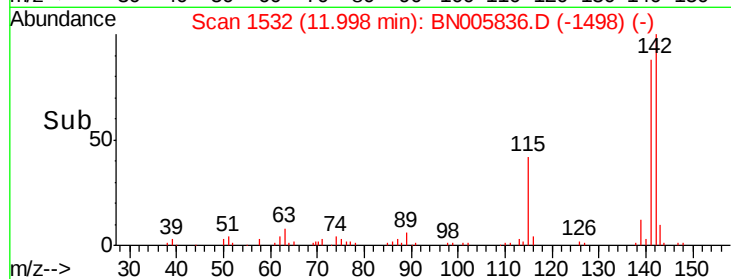
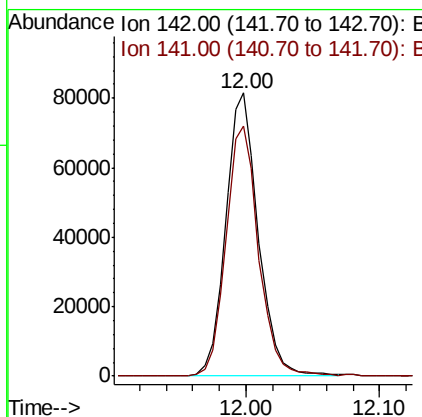
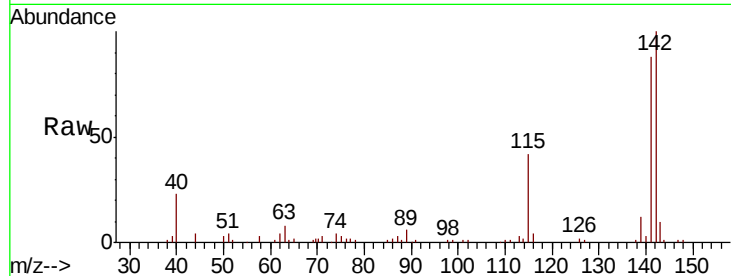




#34
 2-Methylnaphthalene
 Concen: 19.339 ng/ul
 RT: 12.00 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BN005836.D
 Acq: 21 May 2019 21:53

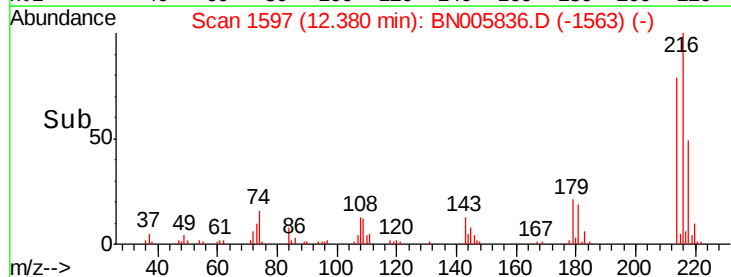
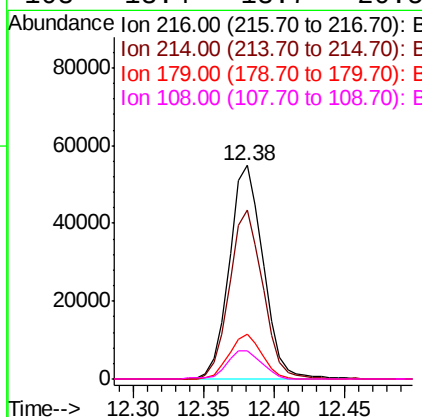
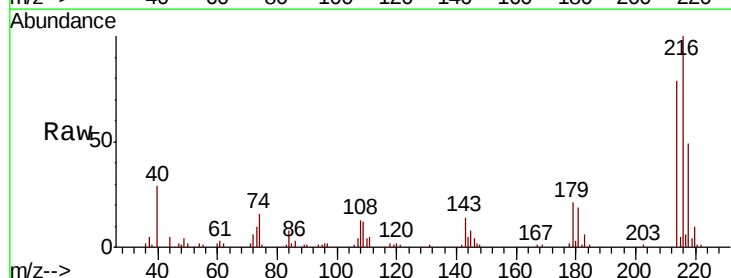
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02089

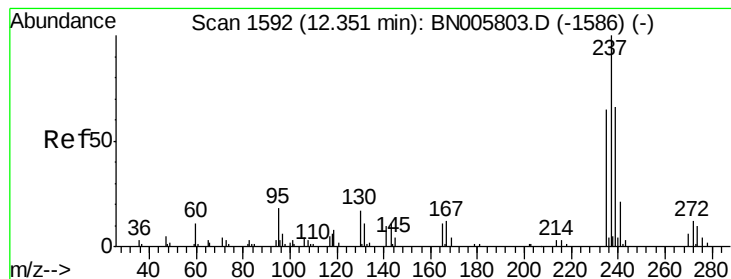
Tgt Ion:142 Resp: 138485
 Ion Ratio Lower Upper
 142 100
 141 88.5 72.0 108.0



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.802 ng/ul
 RT: 12.38 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BN005836.D
 Acq: 21 May 2019 21:53

Tgt Ion:216 Resp: 91790
 Ion Ratio Lower Upper
 216 100
 214 79.1 64.1 96.1
 179 20.8 17.4 26.0
 108 13.4 13.7 20.5#





#37

Hexachlorocyclopentadiene

Concen: 14.158 ng/ul

RT: 12.34 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

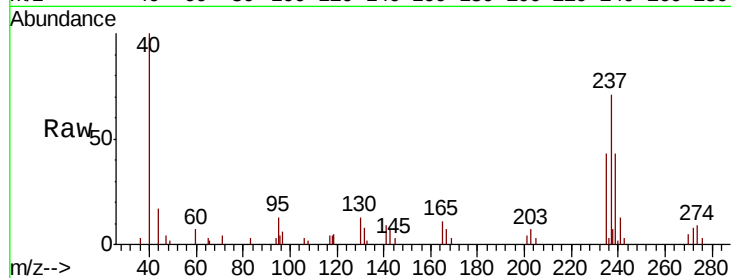
Tgt Ion:237 Resp: 17016

Ion Ratio Lower Upper

237 100

235 61.0 51.1 76.7

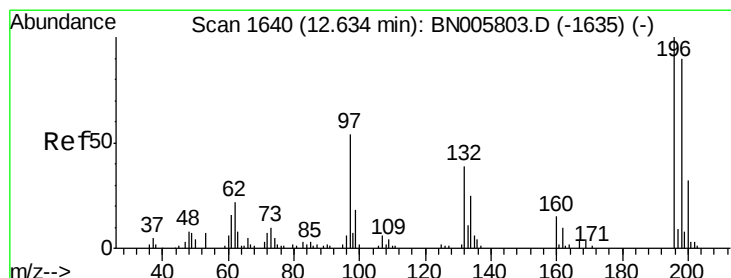
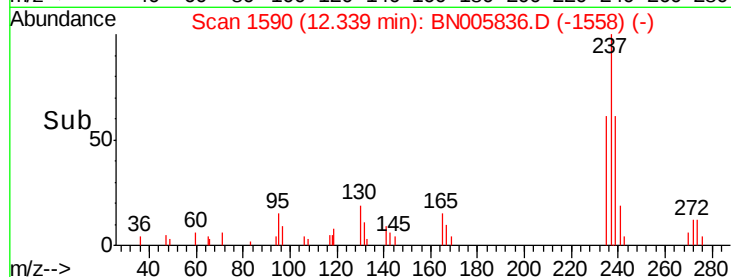
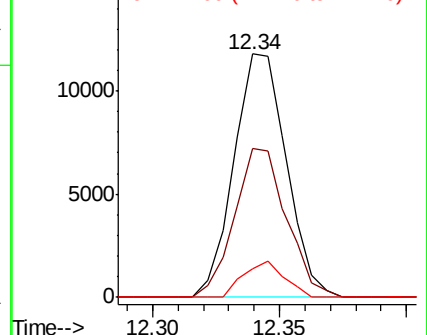
272 11.9 9.5 14.3



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 21.126 ng/ul

RT: 12.64 min Scan# 1641

Delta R.T. 0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

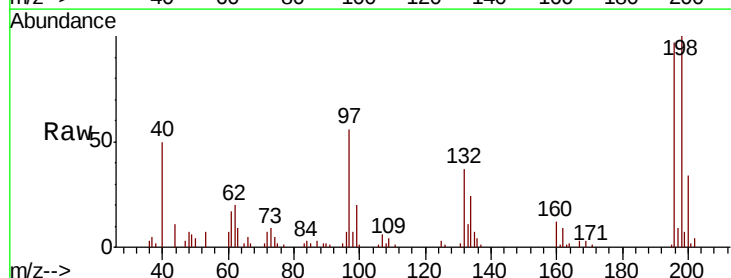
Tgt Ion:196 Resp: 50431

Ion Ratio Lower Upper

196 100

198 103.4 74.8 112.2

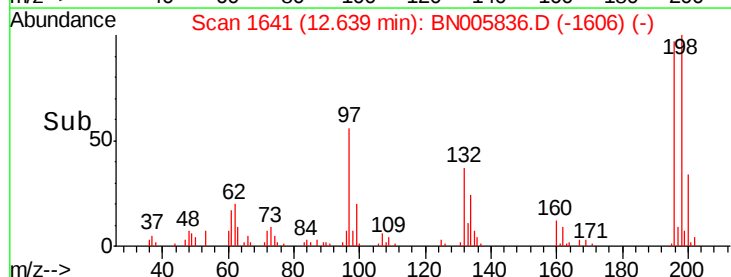
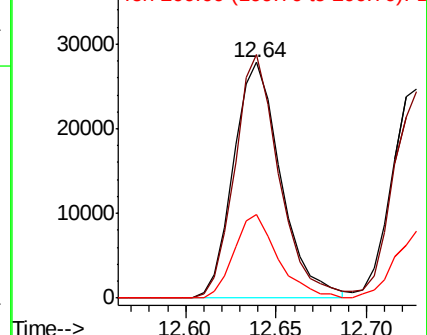
200 35.4 23.5 35.3#

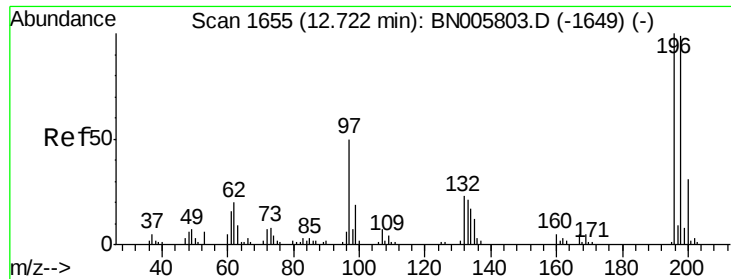


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

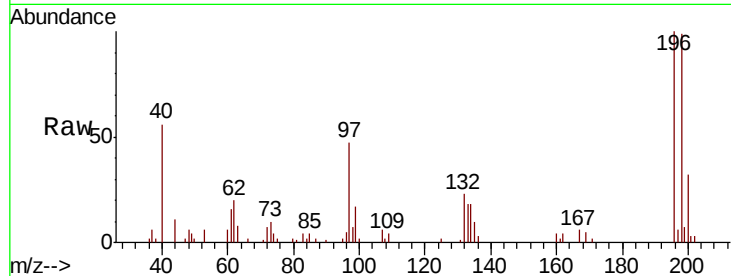




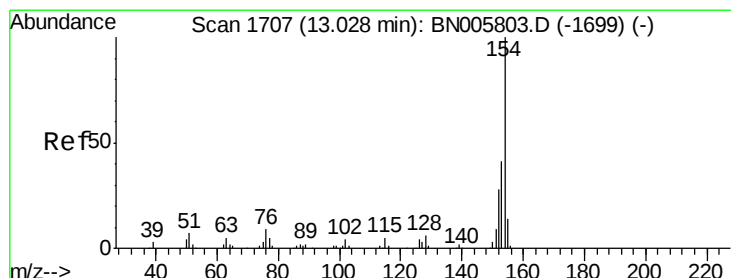
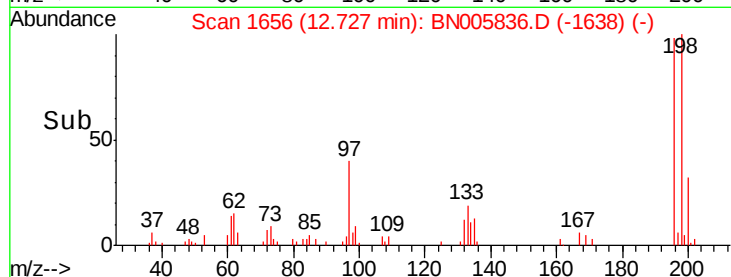
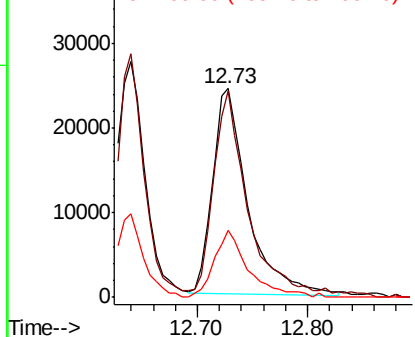
#39
 2,4,5-Trichlorophenol
 Concen: 21.385 ng/ul
 RT: 12.73 min Scan# 1656
 Delta R.T. 0.01 min
 Lab File: BN005836.D
 Acq: 21 May 2019 21:53

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02089

Tgt Ion:196 Resp: 53627
 Ion Ratio Lower Upper
 196 100
 198 98.9 75.0 112.4
 200 31.8 24.2 36.4

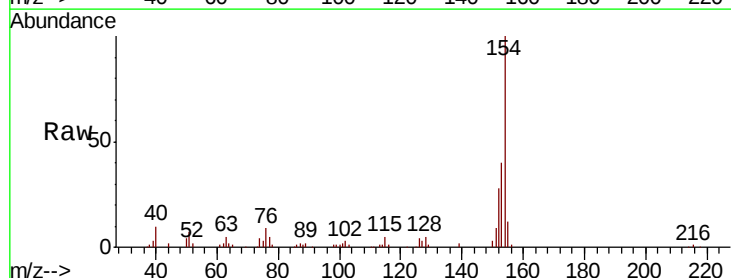


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

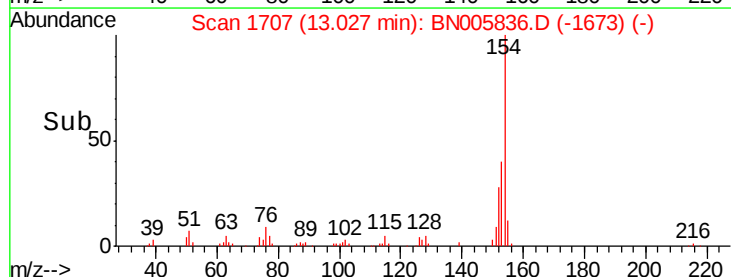
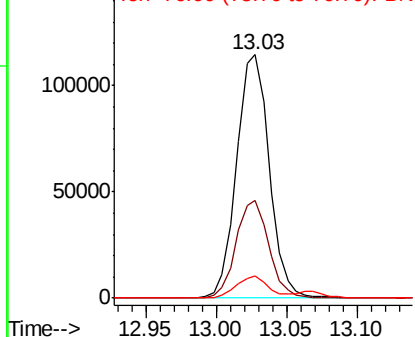


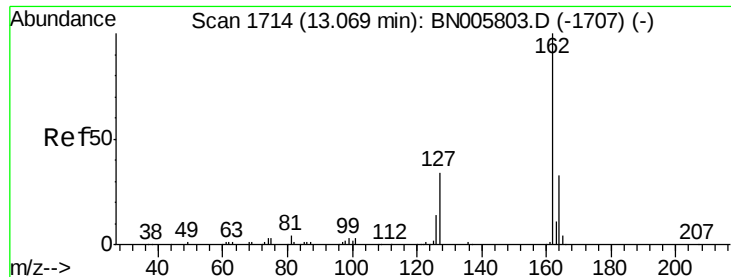
#40
 1,1'-Biphenyl
 Concen: 21.308 ng/ul
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BN005836.D
 Acq: 21 May 2019 21:53

Tgt Ion:154 Resp: 185594
 Ion Ratio Lower Upper
 154 100
 153 39.9 32.6 49.0
 76 9.0 10.4 15.6#



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

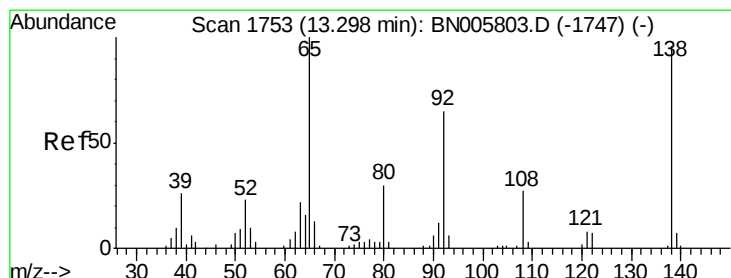
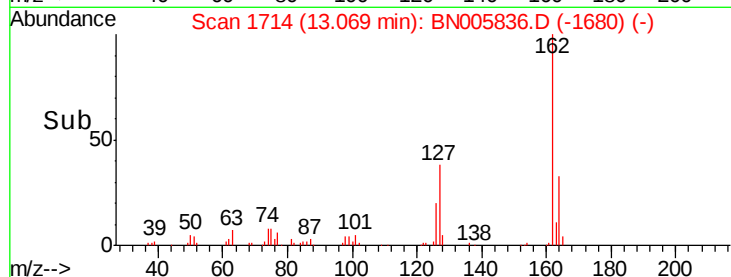
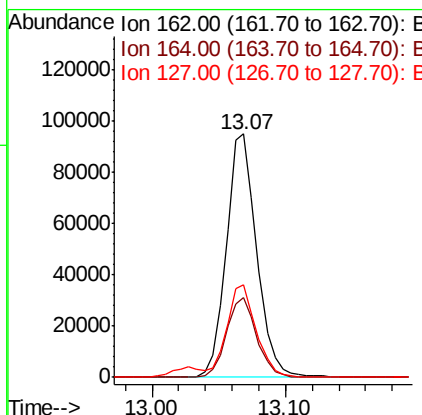
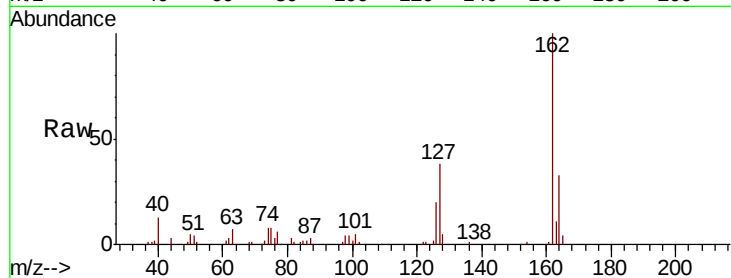




#41
2-Chloronaphthalene
Concen: 21.906 ng/ul
RT: 13.07 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BN005836.D
Acq: 21 May 2019 21:53

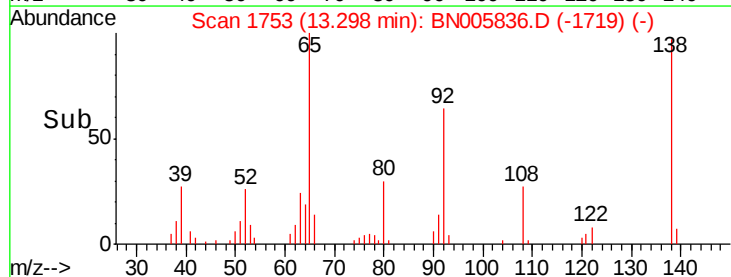
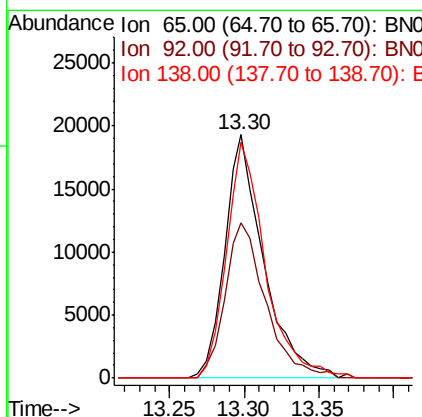
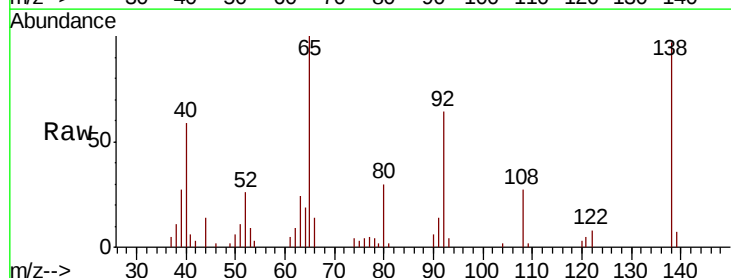
Instrument :
BNA_N
ClientSampleId :
SSTD02089

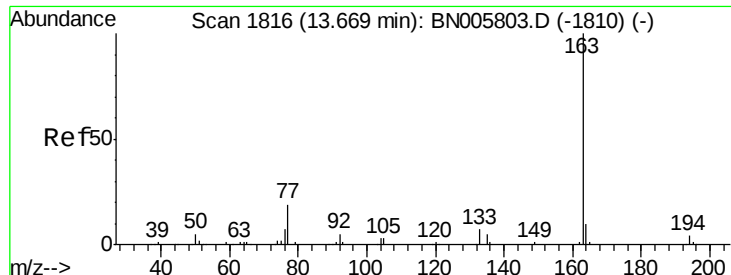
Tgt Ion: 162 Resp: 150700
Ion Ratio Lower Upper
162 100
164 32.9 26.8 40.2
127 38.1 33.5 50.3



#42
2-Nitroaniline
Concen: 17.679 ng/ul
RT: 13.30 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BN005836.D
Acq: 21 May 2019 21:53

Tgt Ion: 65 Resp: 35059
Ion Ratio Lower Upper
65 100
92 63.9 51.6 77.4
138 96.6 73.9 110.9





#44

Dimethylphthalate

Concen: 20.647 ng/ul

RT: 13.67 min Scan# 1816

Delta R.T. -0.00 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

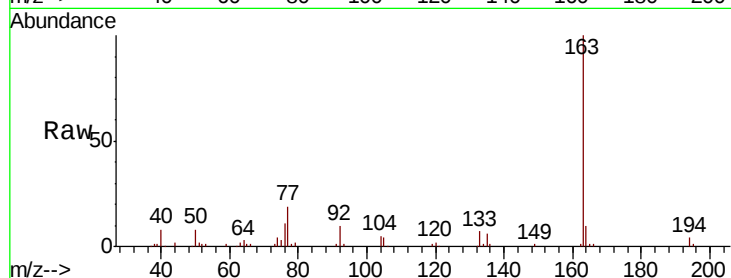
Tgt Ion:163 Resp: 187619

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

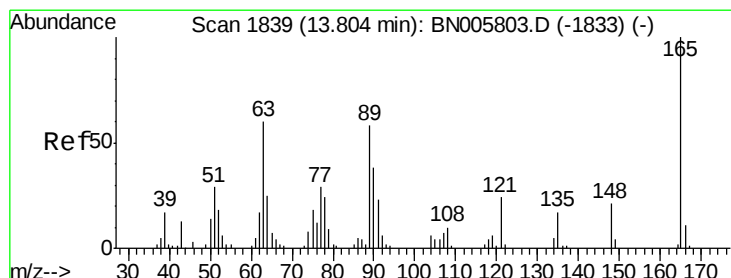
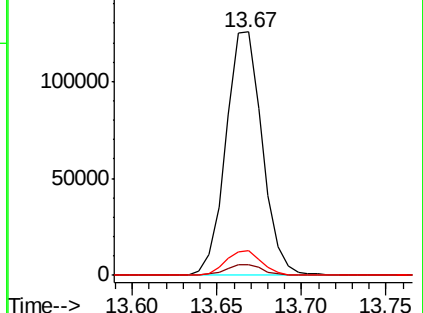
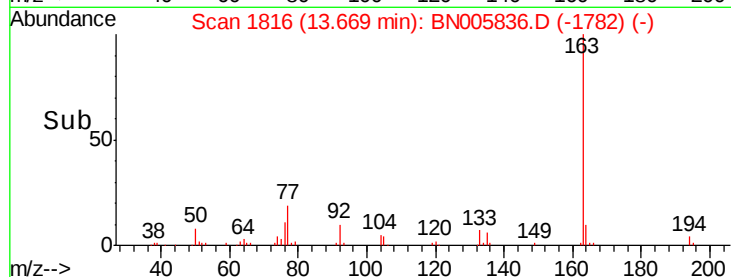
164 9.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 17.641 ng/ul

RT: 13.80 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

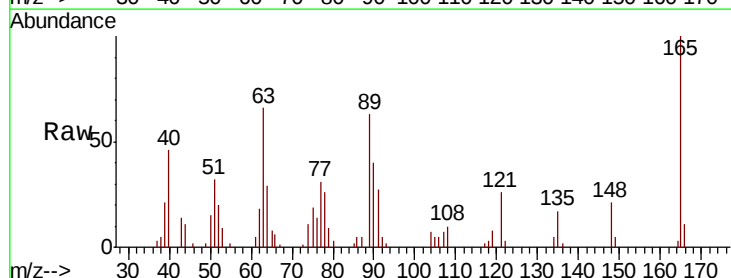
Tgt Ion:165 Resp: 33779

Ion Ratio Lower Upper

165 100

89 63.0 50.2 75.2

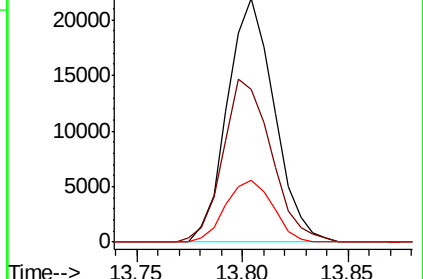
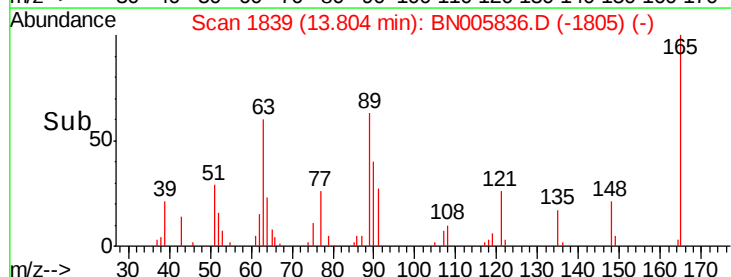
121 25.5 19.4 29.2

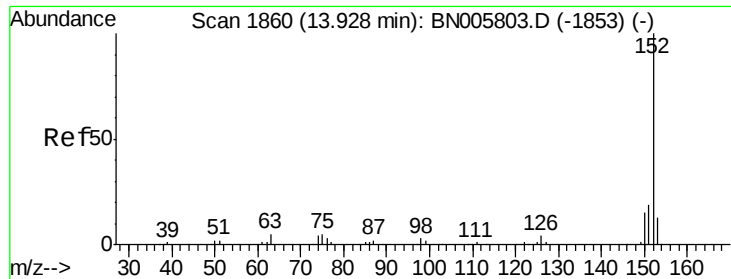


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.679 ng/ul

RT: 13.92 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

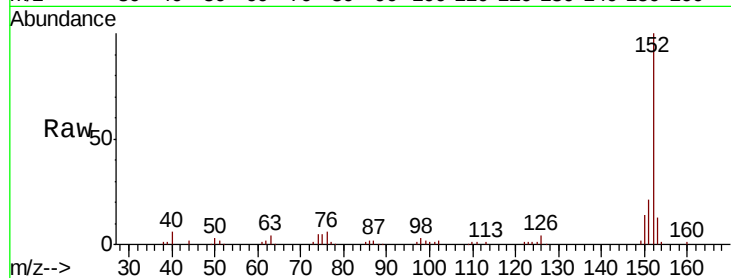
Tgt Ion:152 Resp: 222986

Ion Ratio Lower Upper

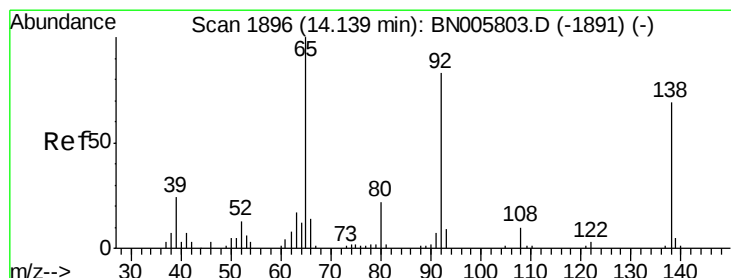
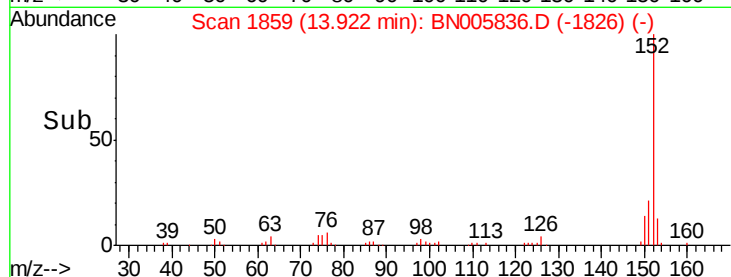
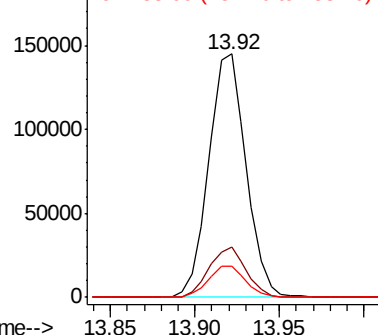
152 100

151 20.7 15.8 23.8

153 12.9 9.8 14.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 17.029 ng/ul

RT: 14.14 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

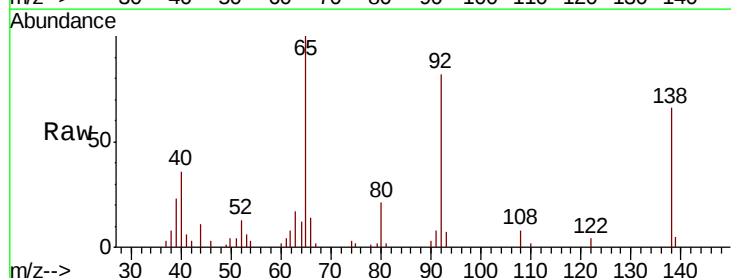
Tgt Ion:138 Resp: 28730

Ion Ratio Lower Upper

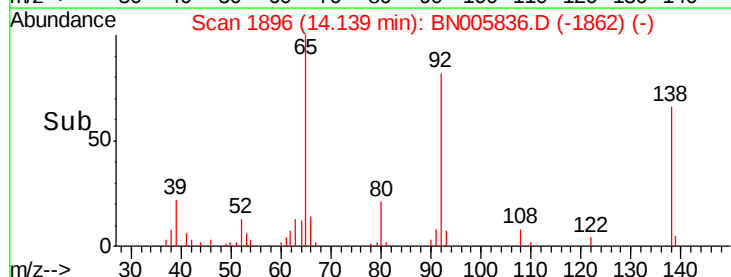
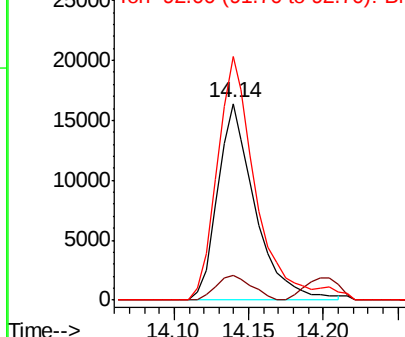
138 100

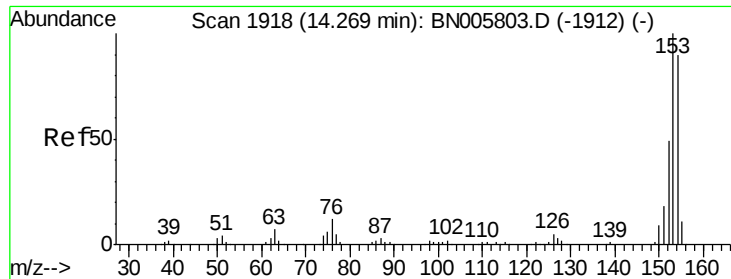
108 12.4 12.1 18.1

92 124.0 102.9 154.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 20.923 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

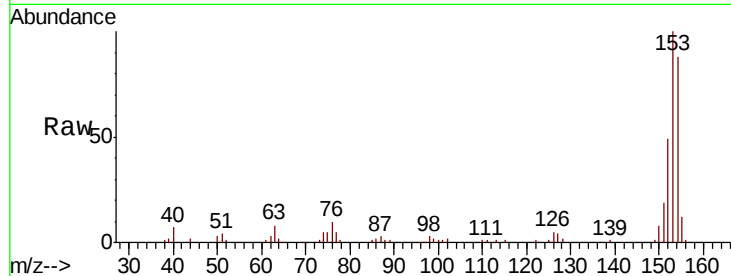
Tgt Ion:153 Resp: 152872

Ion Ratio Lower Upper

153 100

152 48.9 37.4 56.0

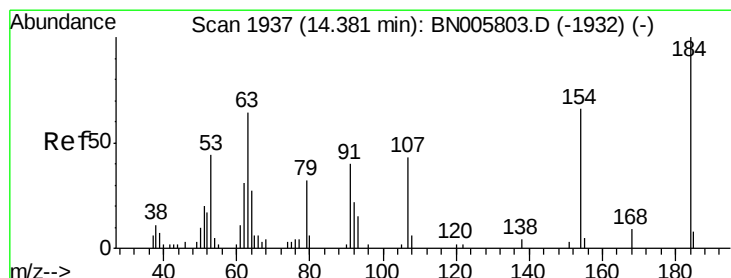
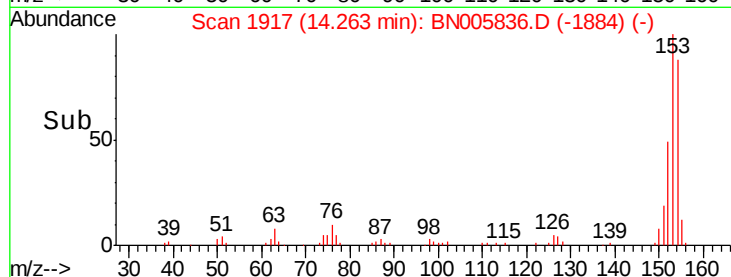
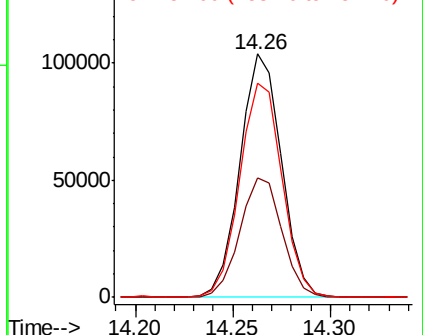
154 87.8 71.2 106.8



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



#50

2,4-Dinitrophenol

Concen: 16.364 ng/ul

RT: 14.39 min Scan# 1938

Delta R.T. 0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

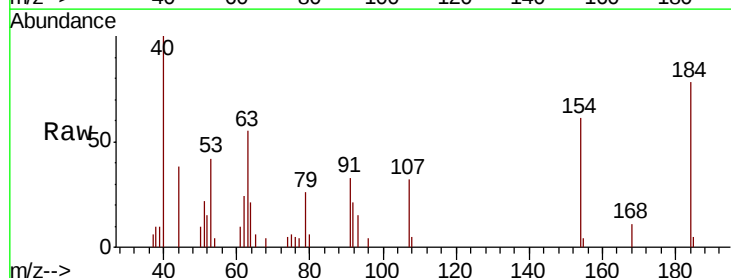
Tgt Ion:184 Resp: 16124

Ion Ratio Lower Upper

184 100

63 70.4 59.8 89.8

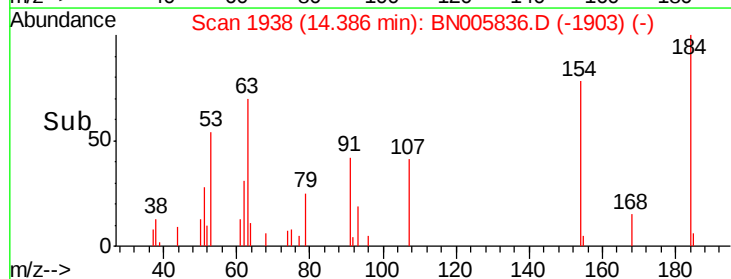
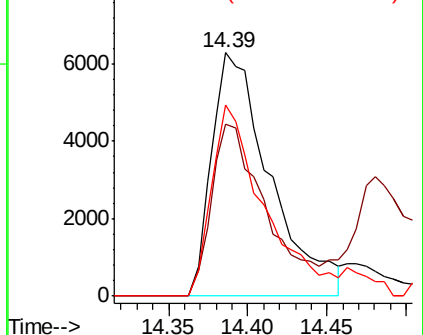
154 78.5 56.3 84.5

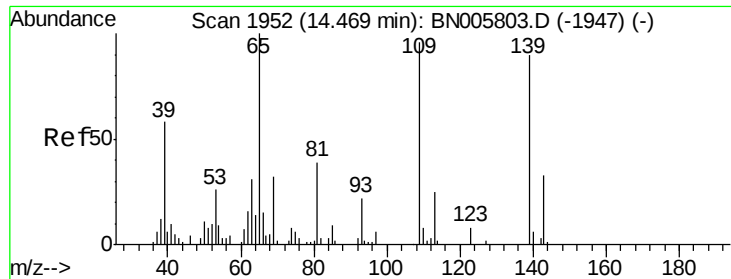


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 13.760 ng/ul

RT: 14.48 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

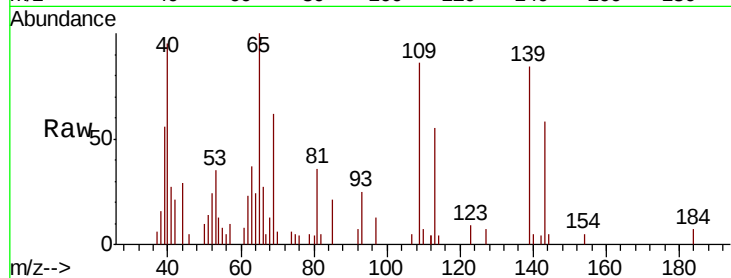
Tgt Ion:109 Resp: 16685

Ion Ratio Lower Upper

109 100

139 97.7 92.3 138.5

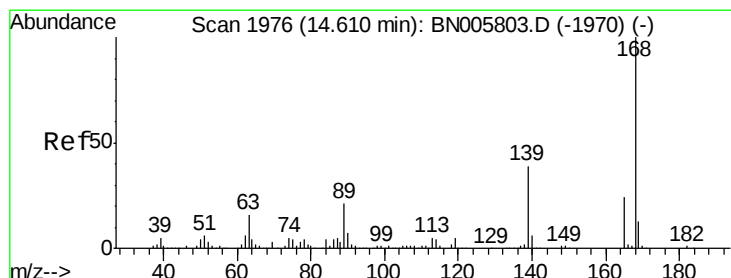
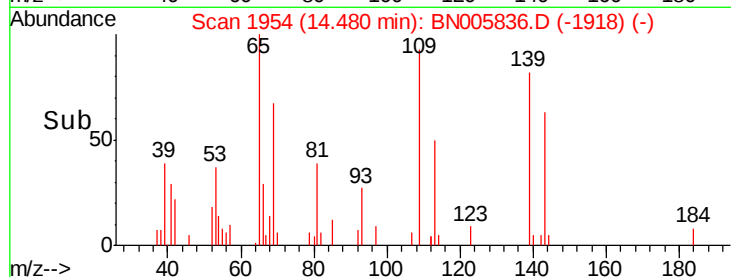
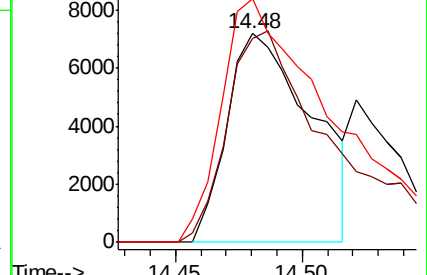
65 116.8 97.5 146.3



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

Dibenzofuran

Concen: 21.832 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BN005836.D

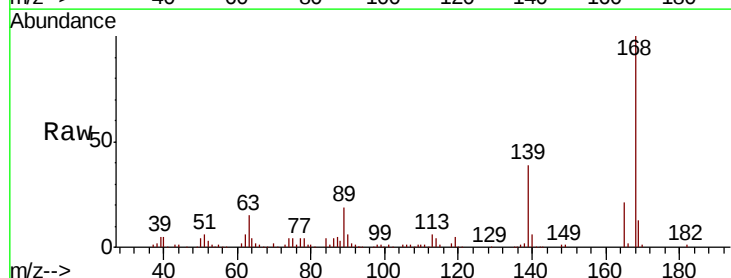
Acq: 21 May 2019 21:53

Tgt Ion:168 Resp: 236660

Ion Ratio Lower Upper

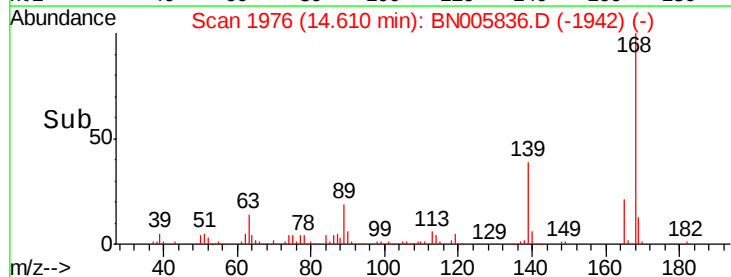
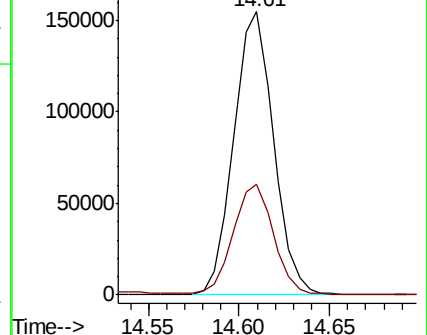
168 100

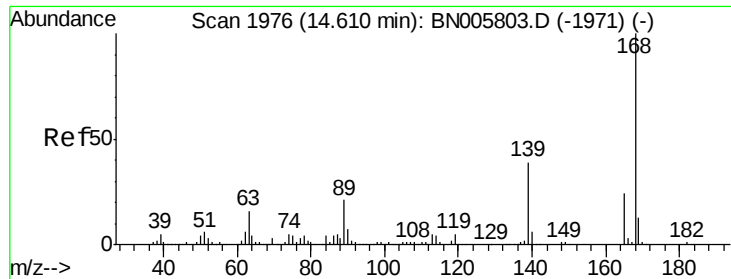
139 39.2 30.9 46.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

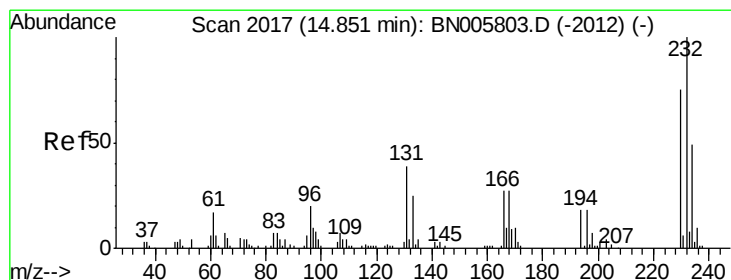
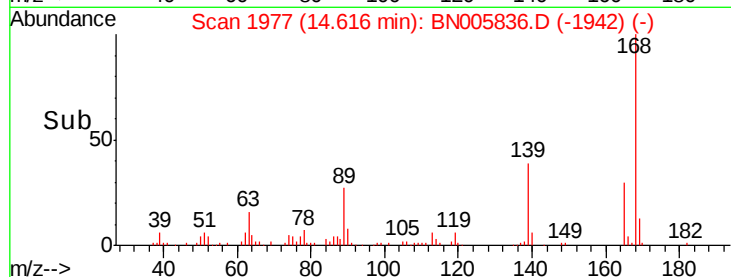
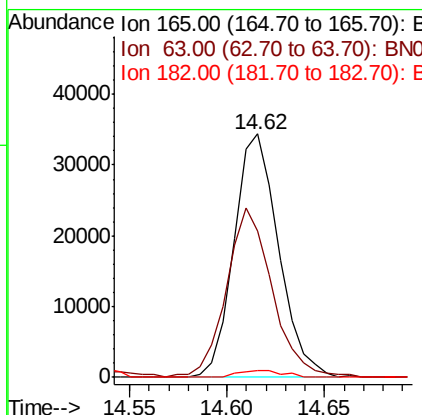
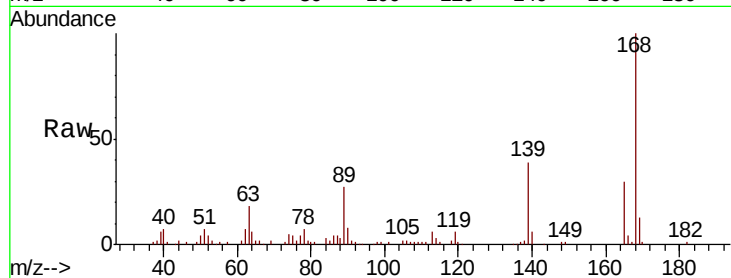




#54
 2,4-Dinitrotoluene
 Concen: 18.970 ng/ul
 RT: 14.62 min Scan# 1977
 Delta R.T. 0.01 min
 Lab File: BN005836.D
 Acq: 21 May 2019 21:53

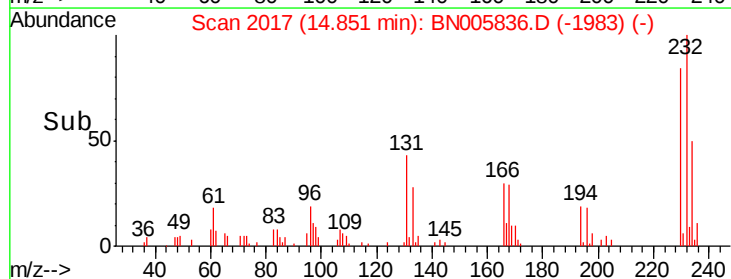
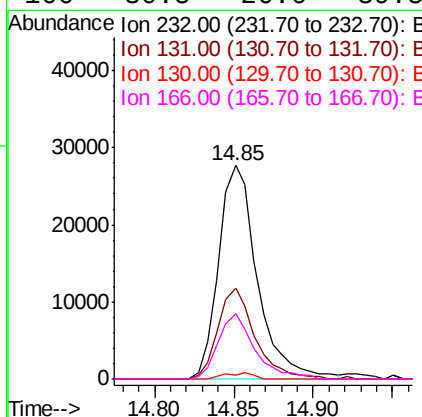
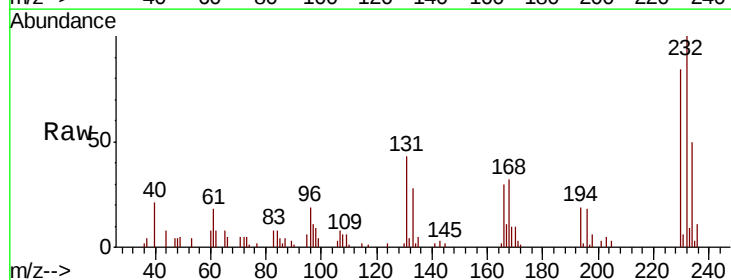
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02089

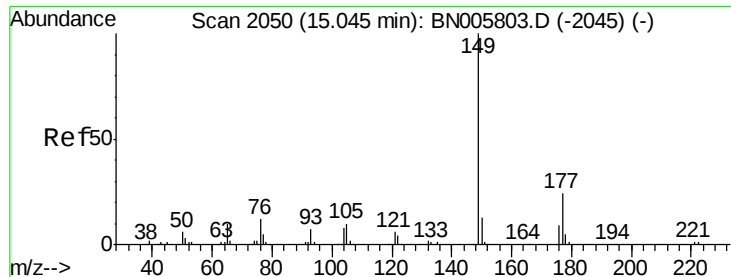
Tgt Ion:165 Resp: 54432
 Ion Ratio Lower Upper
 165 100
 63 60.1 38.9 58.3#
 182 2.7 2.6 3.8



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.135 ng/ul
 RT: 14.85 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BN005836.D
 Acq: 21 May 2019 21:53

Tgt Ion:232 Resp: 46884
 Ion Ratio Lower Upper
 232 100
 131 42.7 36.6 54.8
 130 2.0 2.0 3.0#
 166 30.5 26.6 39.8

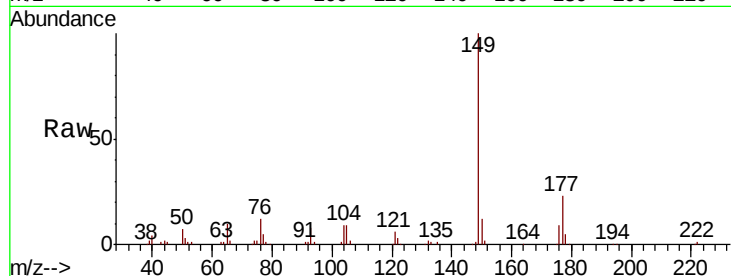




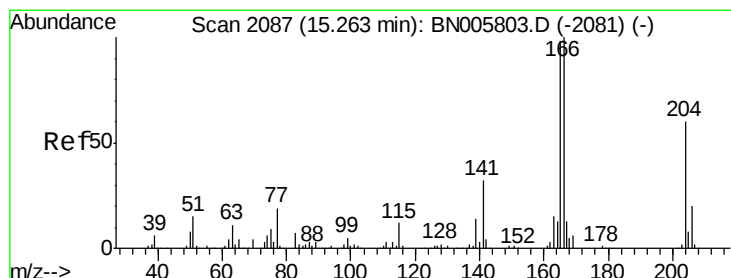
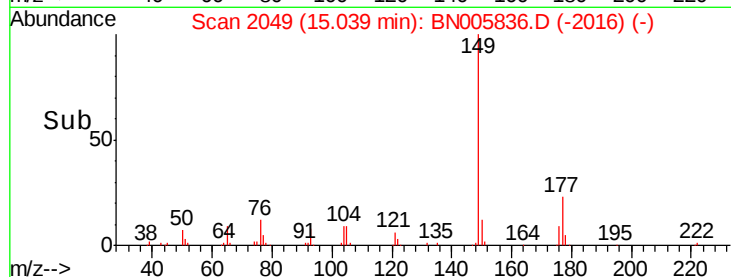
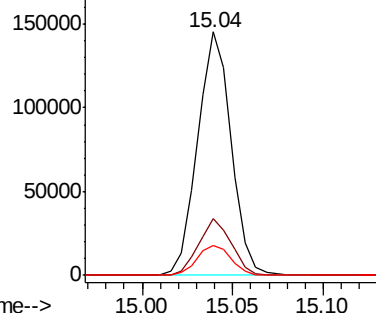
#56
Diethylphthalate
Concen: 20.309 ng/ul
RT: 15.04 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BN005836.D
Acq: 21 May 2019 21:53

Instrument :
BNA_N
ClientSampleId :
SSTD02089

Tgt Ion:149 Resp: 186776
Ion Ratio Lower Upper
149 100
177 23.1 17.7 26.5
150 12.4 10.0 15.0

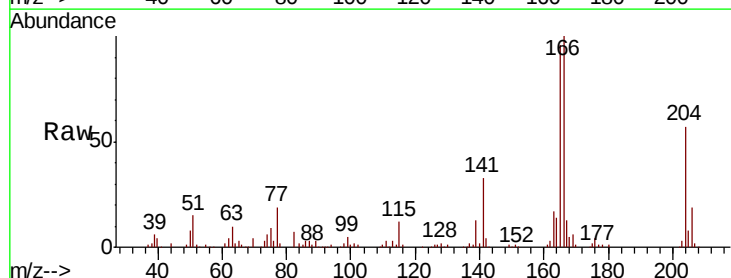


Abundance Ion 149.00 (148.70 to 149.70): E
200000 Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

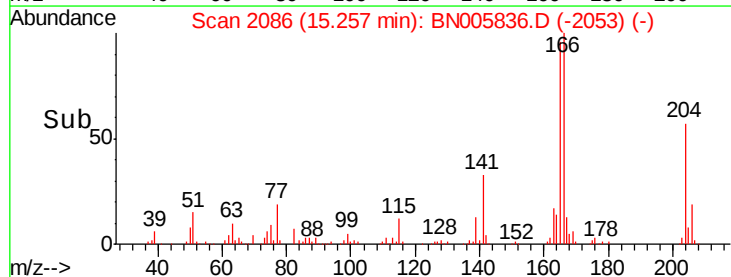
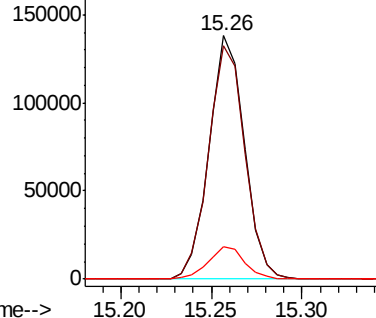


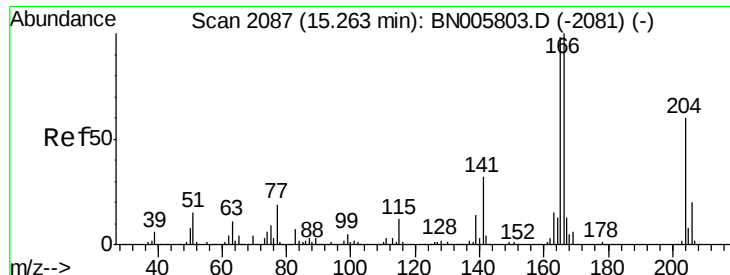
#58
Fluorene
Concen: 21.253 ng/ul
RT: 15.26 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BN005836.D
Acq: 21 May 2019 21:53

Tgt Ion:166 Resp: 187398
Ion Ratio Lower Upper
166 100
165 95.9 80.0 120.0
167 13.4 10.7 16.1



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

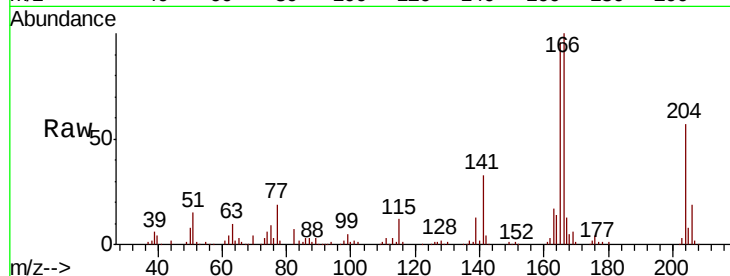




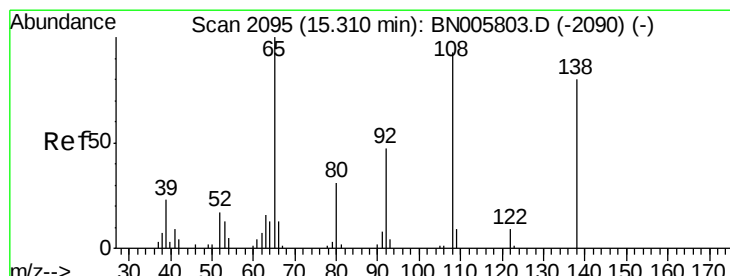
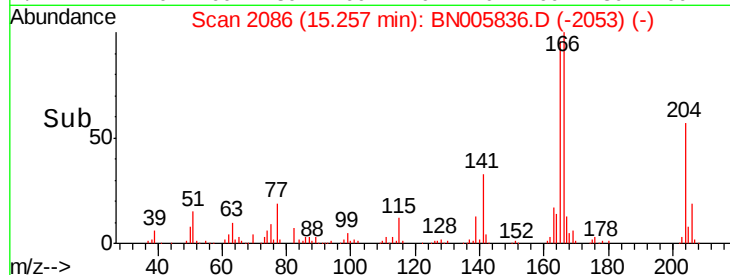
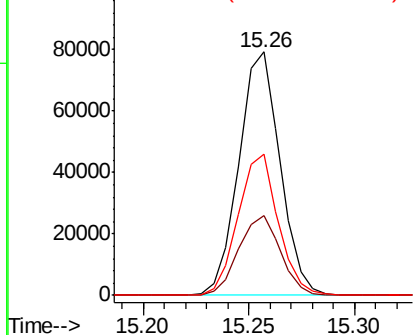
#59
 4-Chlorophenyl-phenylether
 Concen: 22.255 ng/ul
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BN005836.D
 Acq: 21 May 2019 21:53

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02089

Tgt Ion:204 Resp: 107055
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.9 40.3
 141 58.0 47.9 71.9

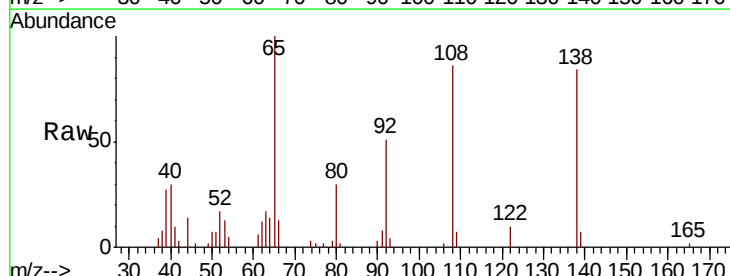


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

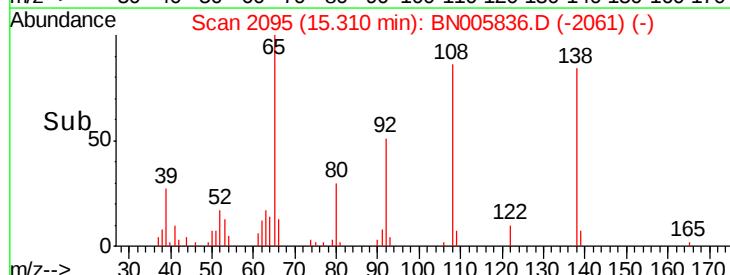
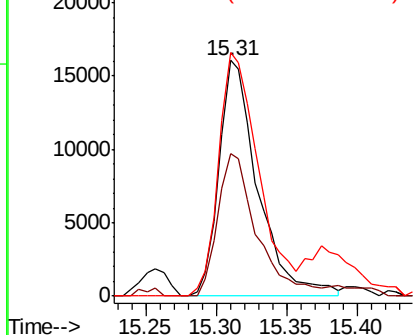


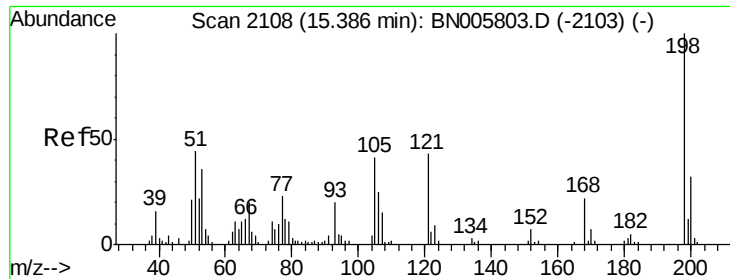
#60
 4-Nitroaniline
 Concen: 16.416 ng/ul
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BN005836.D
 Acq: 21 May 2019 21:53

Tgt Ion:138 Resp: 30877
 Ion Ratio Lower Upper
 138 100
 92 60.4 45.3 67.9
 108 103.3 73.2 109.8



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BNC
 Ion 108.00 (107.70 to 108.70): E

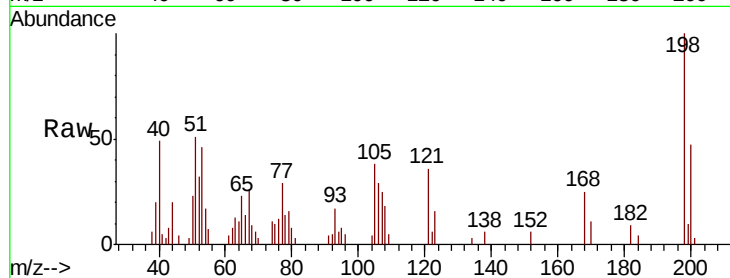




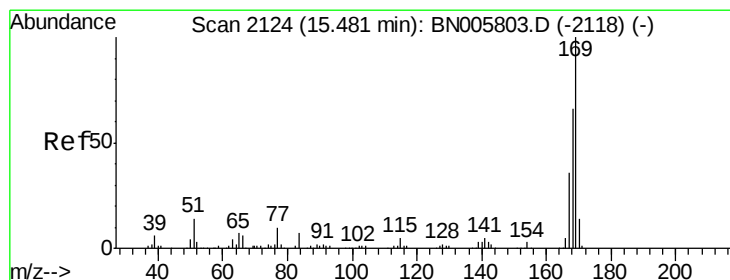
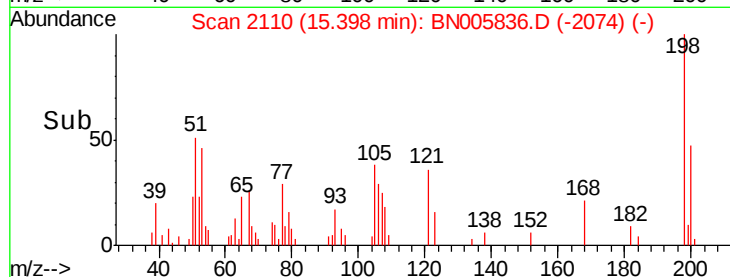
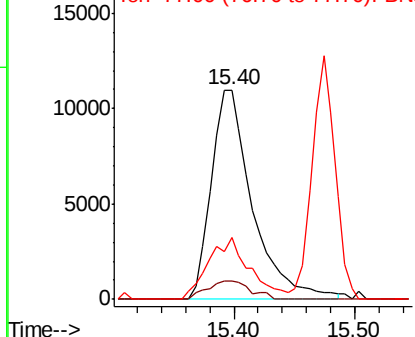
#63
 4,6-Dinitro-2-methylphenol
 Concen: 13.872 ng/ul
 RT: 15.40 min Scan# 2110
 Delta R.T. 0.01 min
 Lab File: BN005836.D
 Acq: 21 May 2019 21:53

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02089

Tgt Ion:198 Resp: 25834
 Ion Ratio Lower Upper
 198 100
 182 8.9 3.0 4.6#
 77 29.4 21.9 32.9

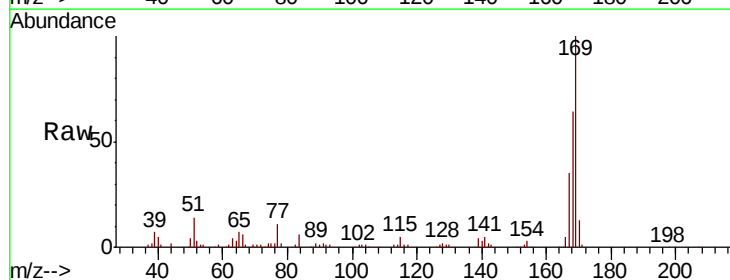


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

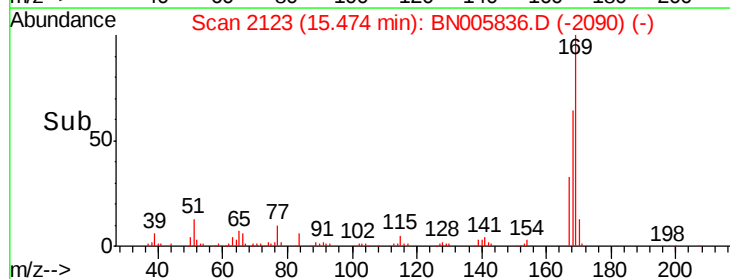
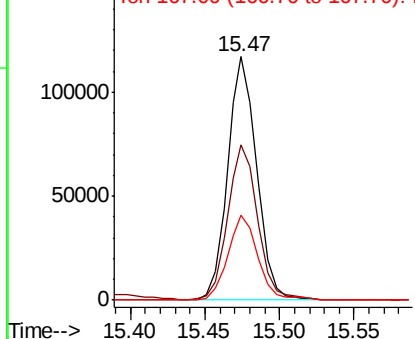


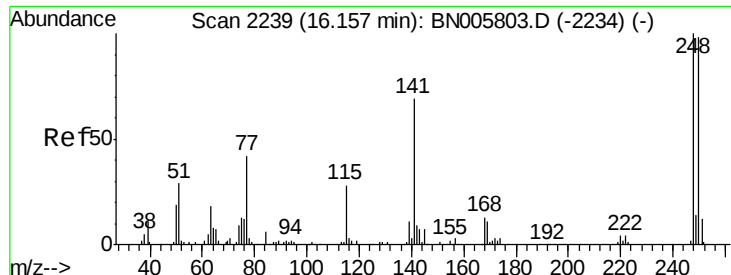
#64
 N-Nitrosodiphenylamine
 Concen: 19.944 ng/ul
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BN005836.D
 Acq: 21 May 2019 21:53

Tgt Ion:169 Resp: 159648
 Ion Ratio Lower Upper
 169 100
 168 63.7 52.2 78.2
 167 34.6 27.7 41.5



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

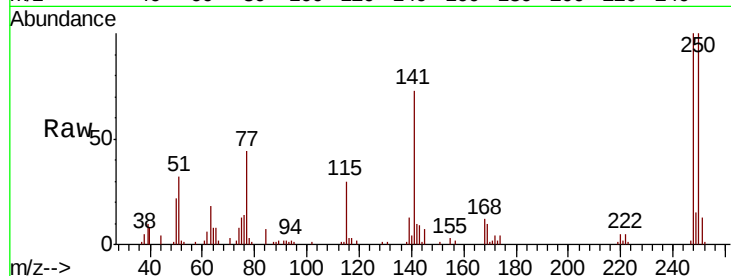




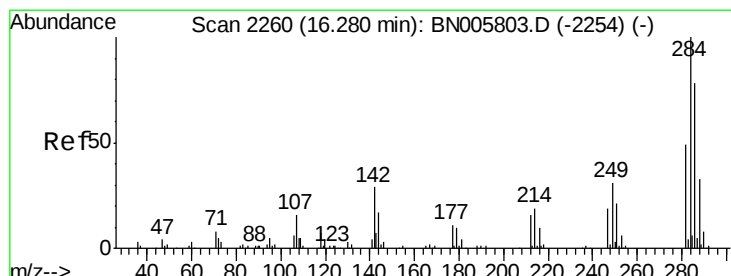
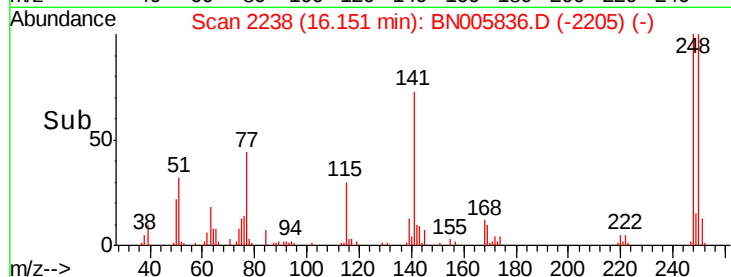
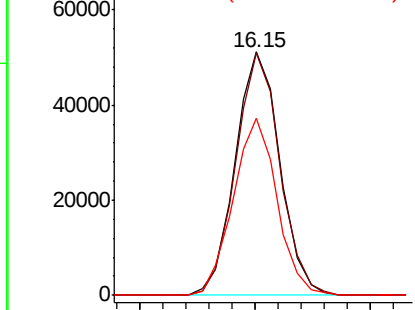
#65
4-Bromophenyl-phenylether
Concen: 21.332 ng/ul
RT: 16.15 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BN005836.D
Acq: 21 May 2019 21:53

Instrument :
BNA_N
ClientSampleId :
SSTD02089

Tgt Ion:248 Resp: 69090
Ion Ratio Lower Upper
248 100
250 99.5 78.4 117.6
141 72.6 61.8 92.6

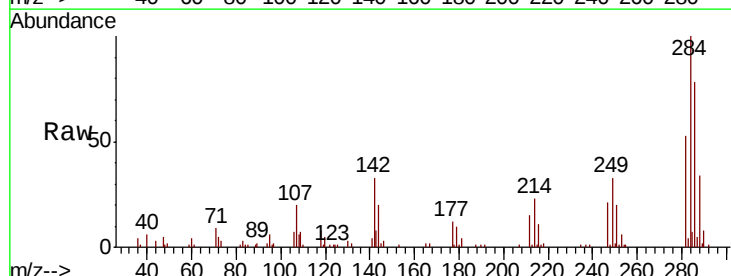


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

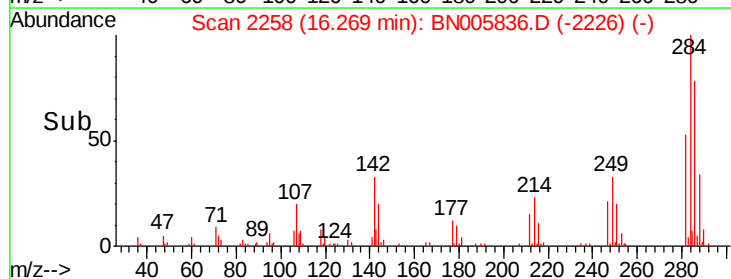
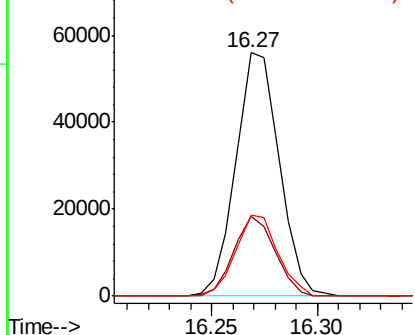


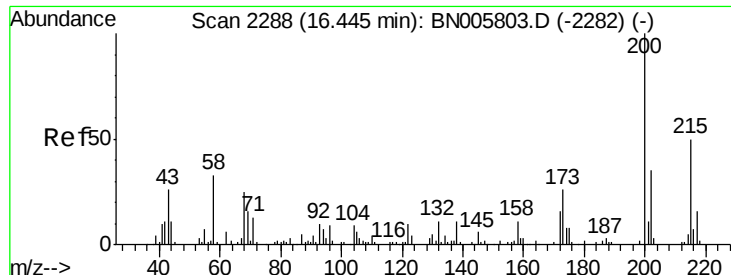
#66
Hexachlorobenzene
Concen: 22.019 ng/ul
RT: 16.27 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BN005836.D
Acq: 21 May 2019 21:53

Tgt Ion:284 Resp: 80004
Ion Ratio Lower Upper
284 100
142 33.0 29.4 44.2
249 33.0 26.1 39.1



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

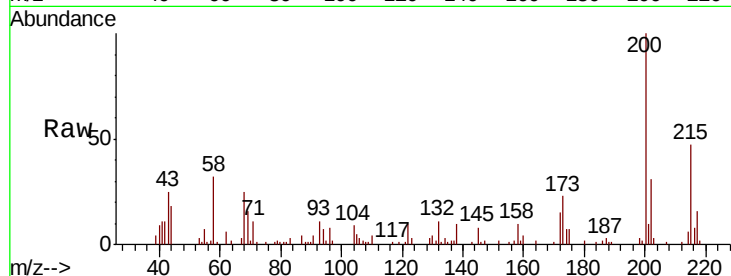




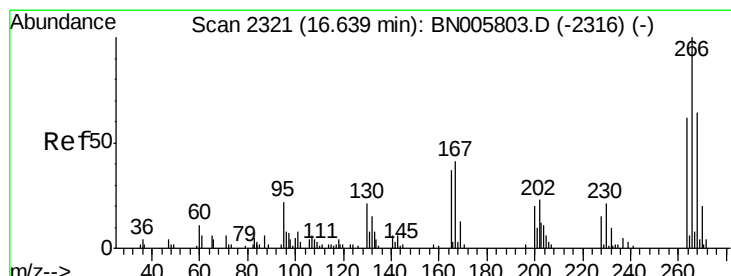
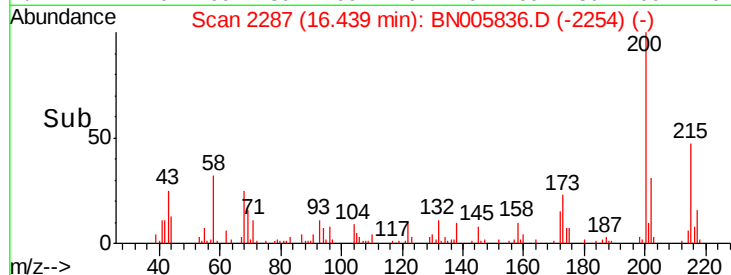
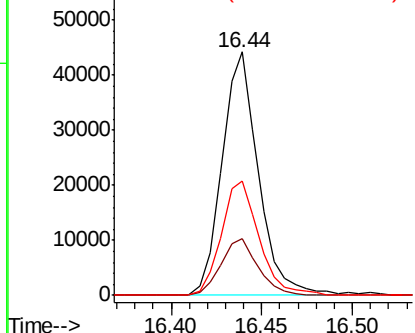
#67
 Atrazine
 Concen: 18.316 ng/ul
 RT: 16.44 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BN005836.D
 Acq: 21 May 2019 21:53

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02089

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.2	21.4	32.0
215	47.1	39.1	58.7

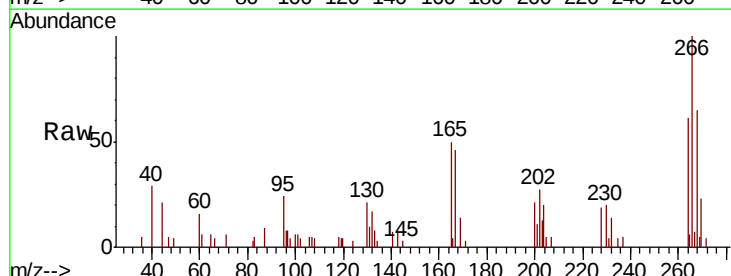


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

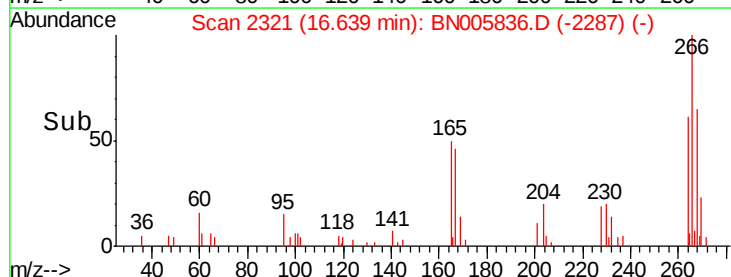
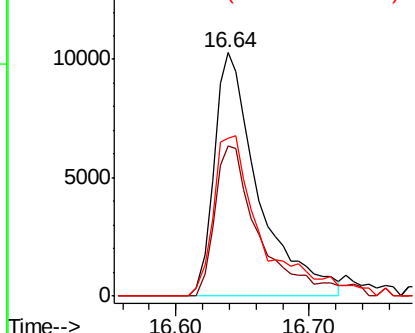


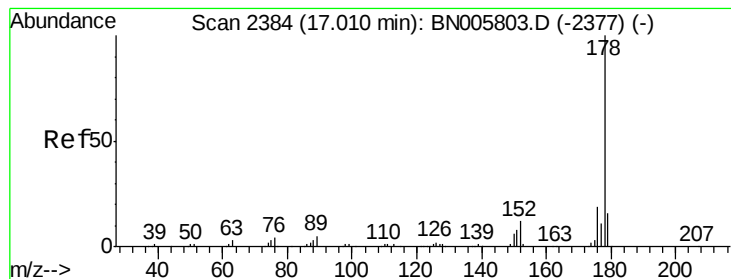
#68
 Pentachlorophenol
 Concen: 14.310 ng/ul
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.00 min
 Lab File: BN005836.D
 Acq: 21 May 2019 21:53

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.5	49.7	74.5
268	69.9	52.4	78.6



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

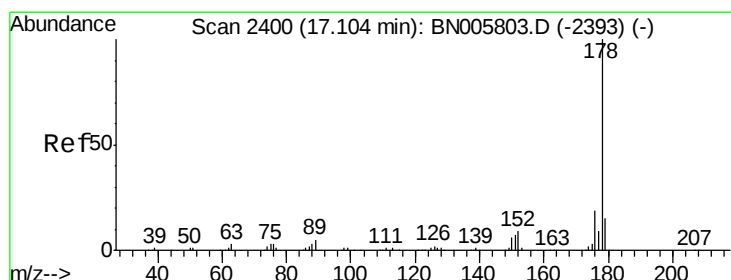
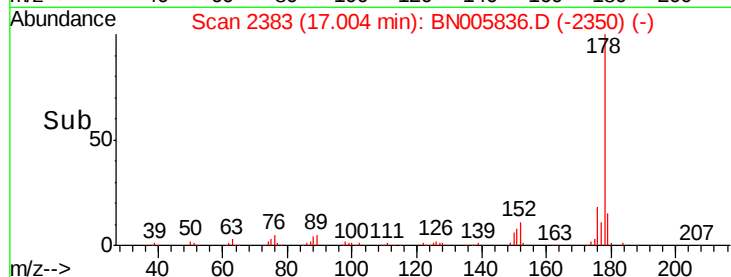
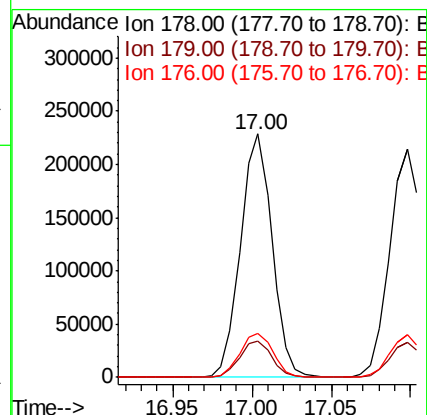
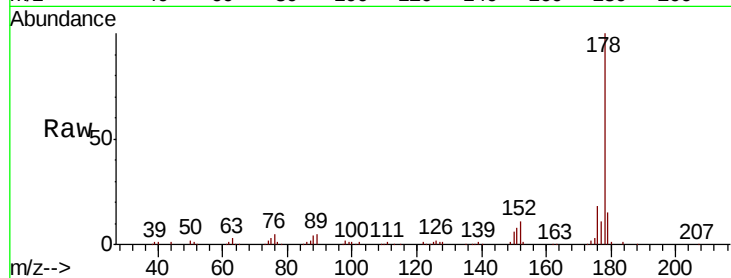




#69
Phenanthrene
Concen: 20.694 ng/u1
RT: 17.00 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BN005836.D
Acq: 21 May 2019 21:53

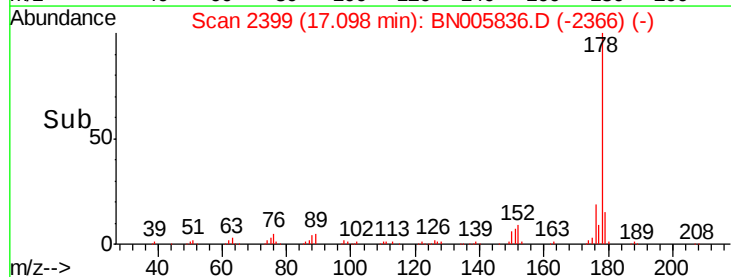
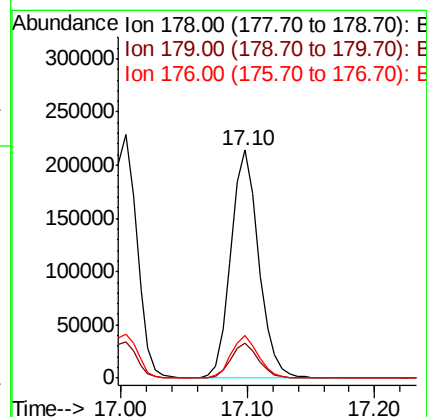
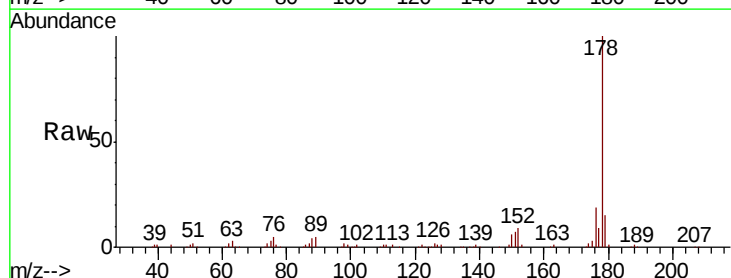
Instrument :
BNA_N
ClientSampleId :
SSTD02089

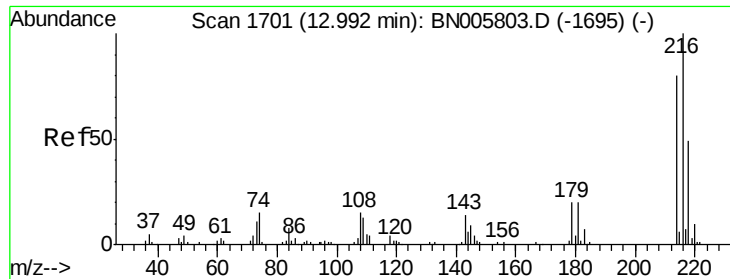
Tgt Ion:178 Resp: 317265
Ion Ratio Lower Upper
178 100
179 14.8 12.2 18.4
176 18.1 15.1 22.7



#71
Anthracene
Concen: 20.855 ng/u1
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BN005836.D
Acq: 21 May 2019 21:53

Tgt Ion:178 Resp: 325553
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 18.9 15.1 22.7





#72

1,2,3,4-Tetrachlorobenzene

Concen: 23.151 ng/uL

RT: 12.99 min Scan# 1701

Delta R.T. -0.00 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

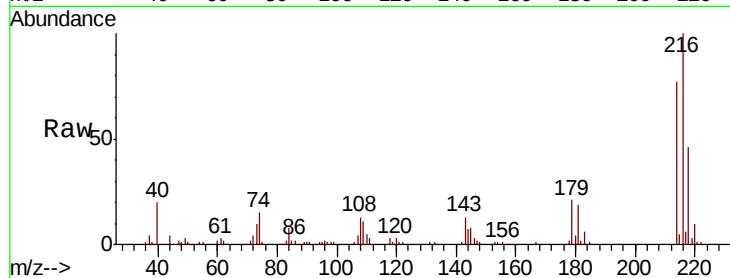
Tgt Ion:216 Resp: 95996

Ion Ratio Lower Upper

216 100

214 77.0 60.8 91.2

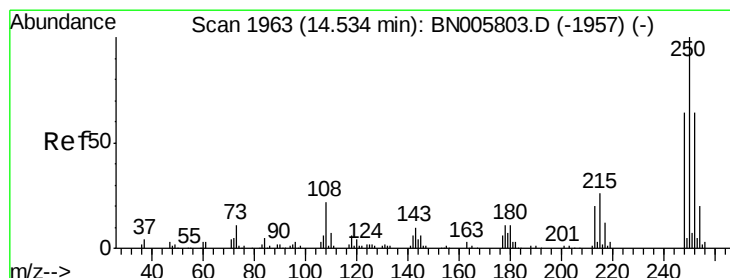
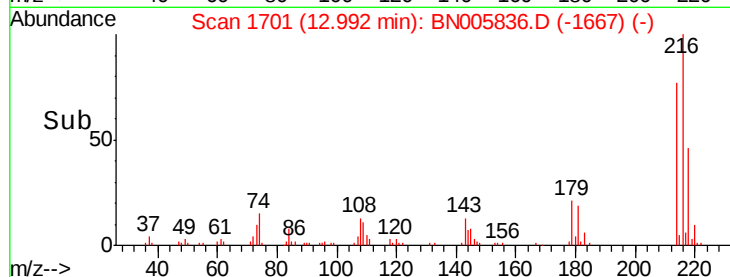
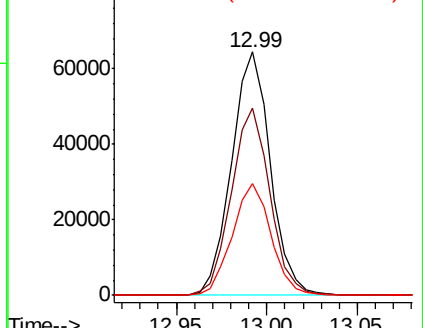
218 45.9 38.6 58.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 21.966 ng/uL

RT: 14.53 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

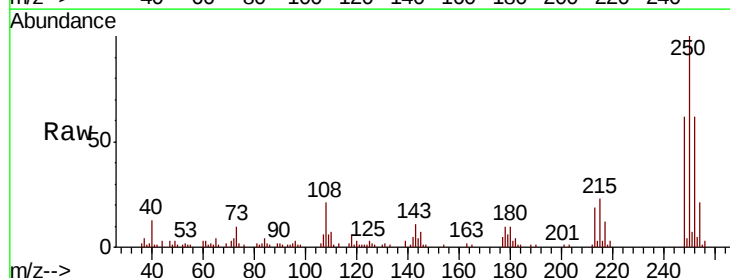
Tgt Ion:250 Resp: 89833

Ion Ratio Lower Upper

250 100

248 62.2 50.6 75.8

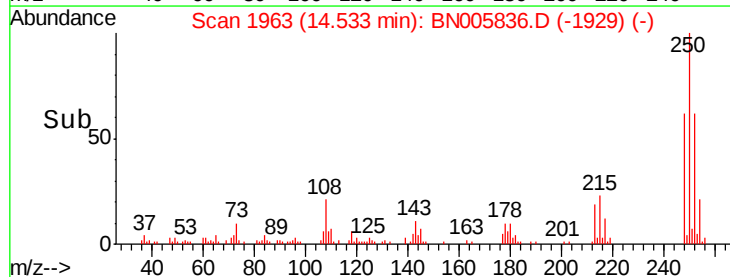
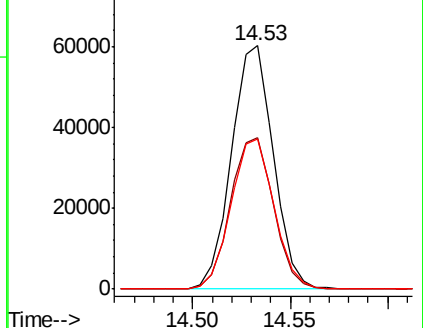
252 61.9 51.8 77.8

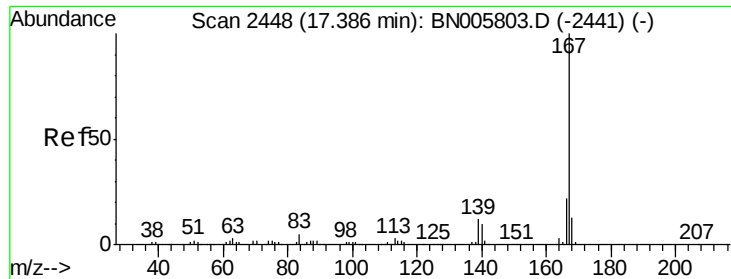


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 20.146 ng/ul

RT: 17.38 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

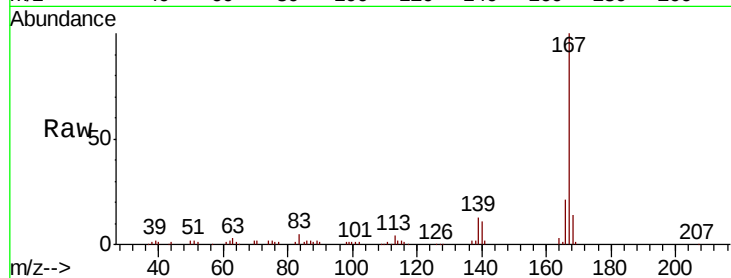
Tgt Ion:167 Resp: 277262

Ion Ratio Lower Upper

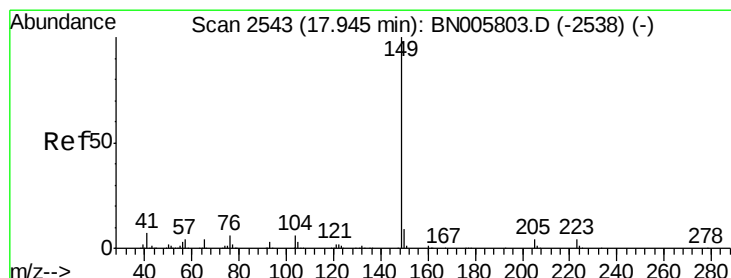
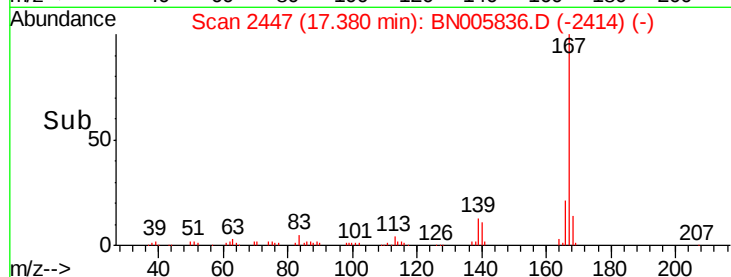
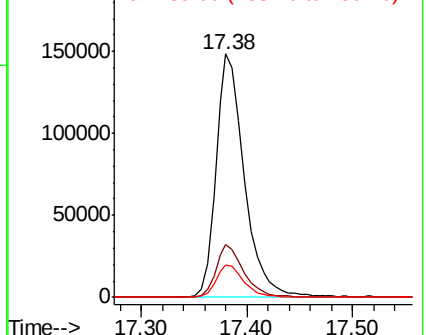
167 100

166 21.5 17.2 25.8

139 13.4 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 18.643 ng/ul

RT: 17.94 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

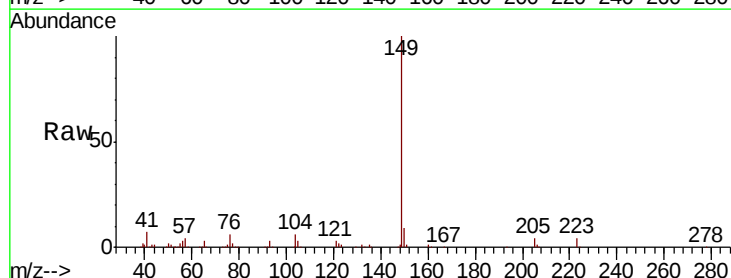
Tgt Ion:149 Resp: 306489

Ion Ratio Lower Upper

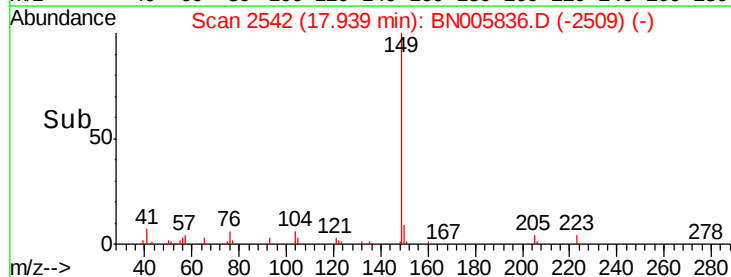
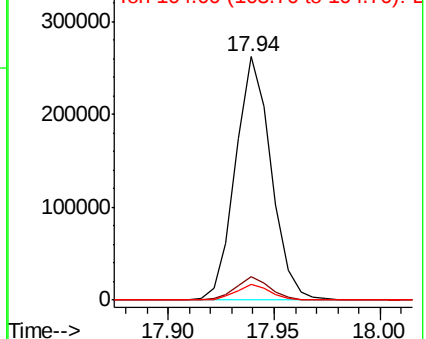
149 100

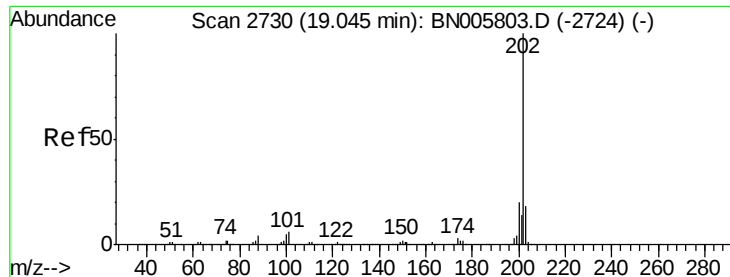
150 9.5 7.3 10.9

104 6.3 4.2 6.2#



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





#76

Fluoranthene

Concen: 21.888 ng/ul

RT: 19.04 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

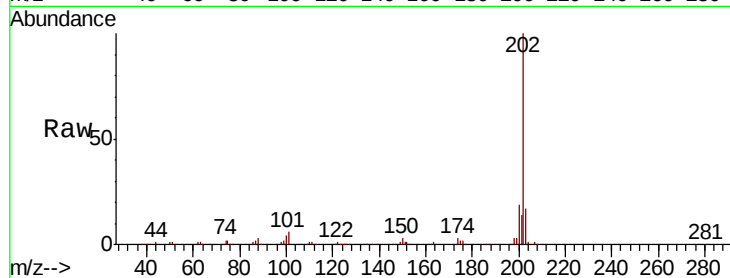
Tgt Ion:202 Resp: 414889

Ion Ratio Lower Upper

202 100

101 6.0 8.6 12.8#

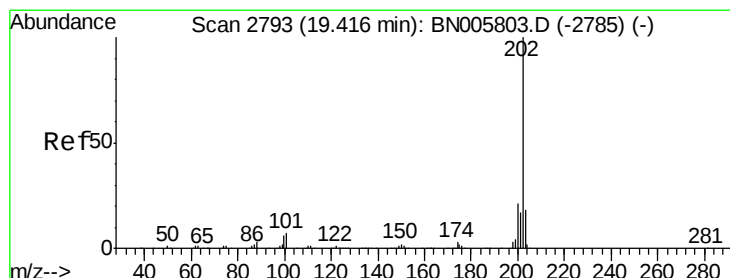
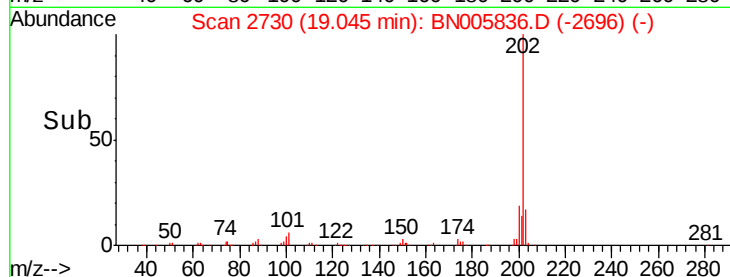
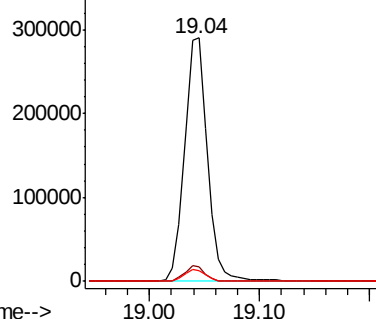
100 4.3 6.3 9.5#



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



#79

Pyrene

Concen: 18.323 ng/ul

RT: 19.41 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

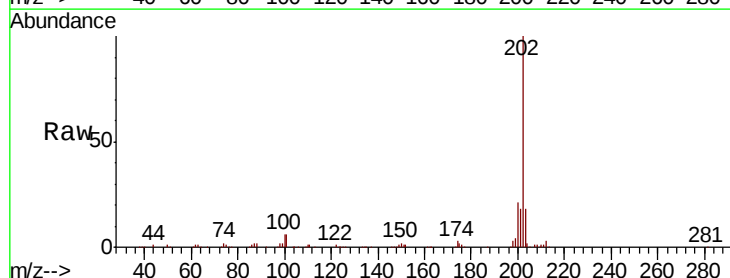
Tgt Ion:202 Resp: 435613

Ion Ratio Lower Upper

202 100

101 6.4 10.3 15.5#

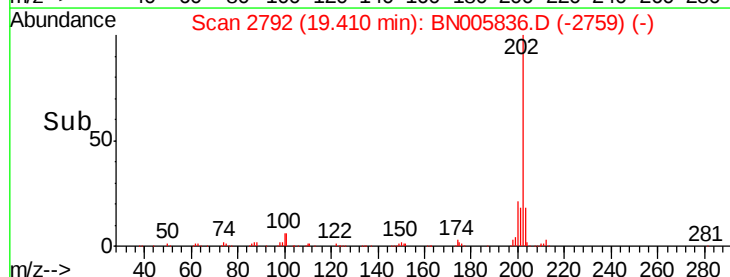
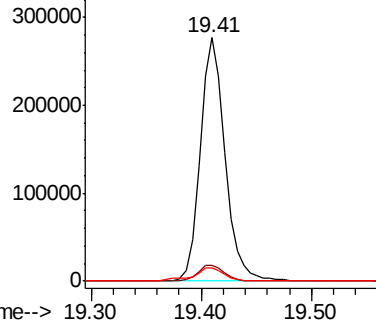
100 5.6 7.9 11.9#

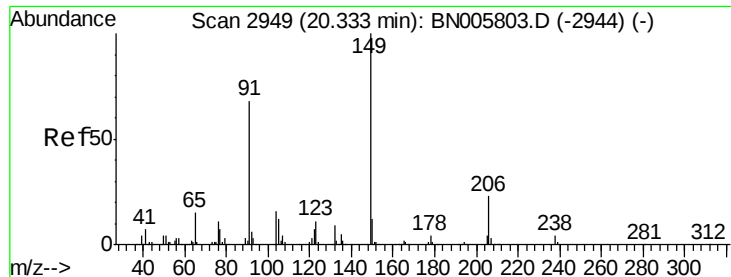


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Butylbenzylphthalate

Concen: 14.365 ng/ul

RT: 20.33 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

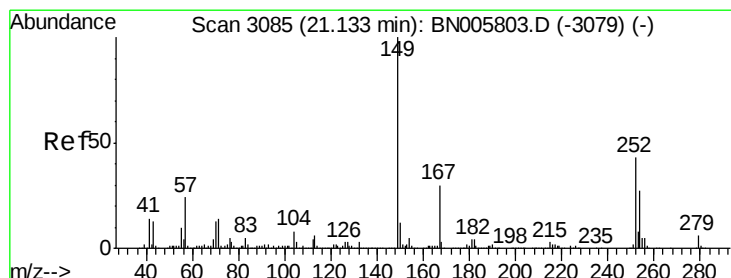
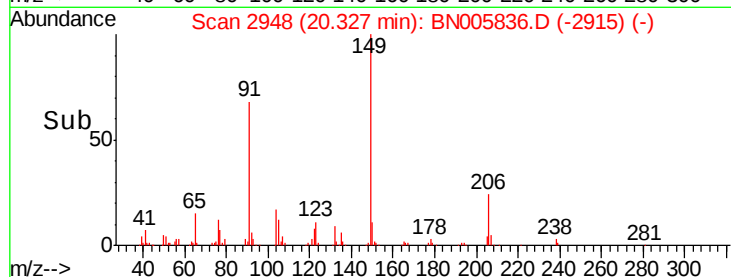
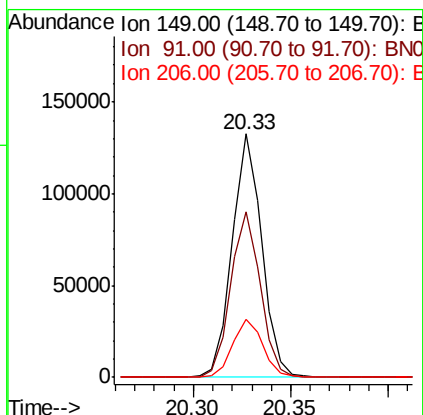
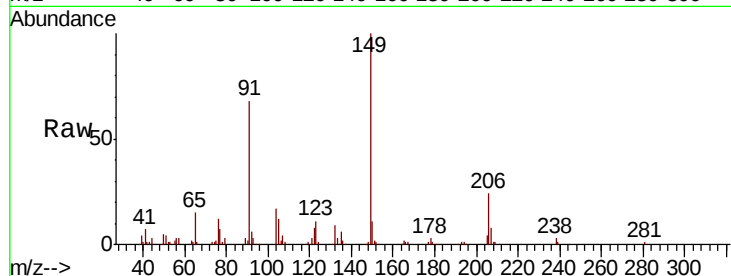
Instrument :

BNA_N

ClientSampleId :

SSTD02089

Tgt Ion:	149	Resp:	139908
Ion Ratio	Lower	Upper	
149	100		
91	68.1	59.6	89.4
206	23.9	17.8	26.8



#81

3,3'-Dichlorobenzidine

Concen: 14.804 ng/ul

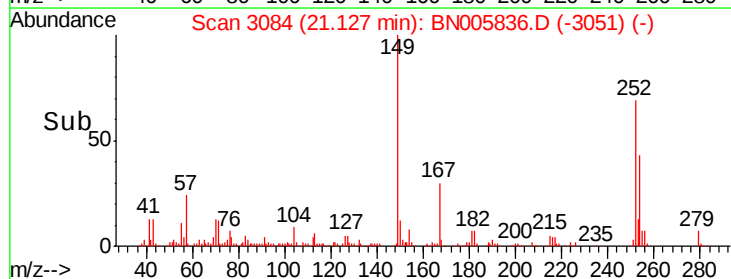
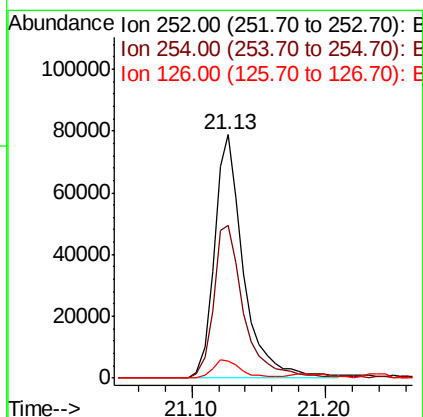
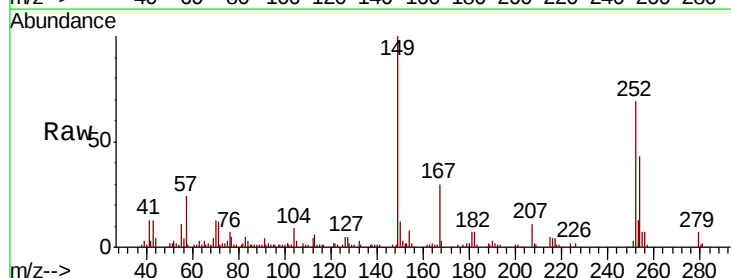
RT: 21.13 min Scan# 3084

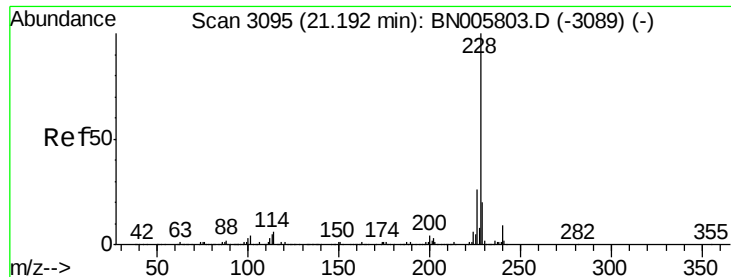
Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Tgt Ion:	252	Resp:	120385
Ion Ratio	Lower	Upper	
252	100		
254	62.6	51.1	76.7
126	7.2	9.4	14.0





#82

Benzo(a)anthracene

Concen: 20.206 ng/u1

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

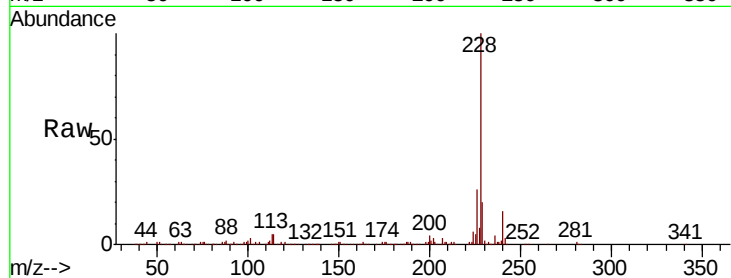
Tgt Ion:228 Resp: 492807

Ion Ratio Lower Upper

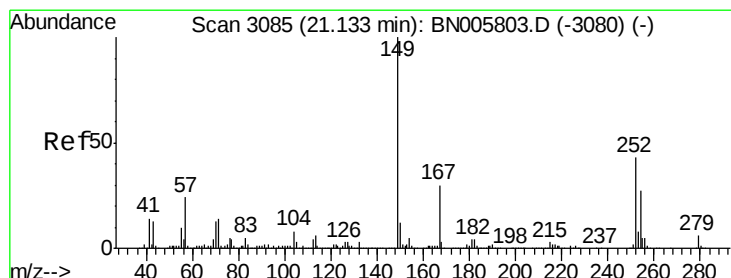
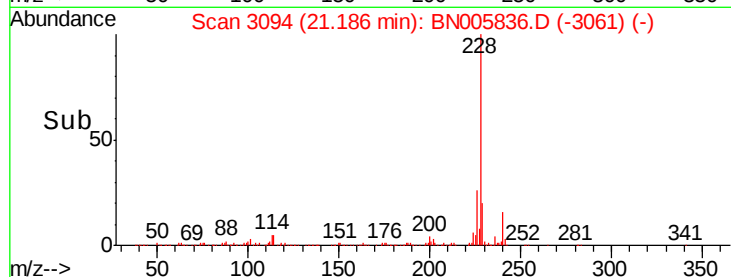
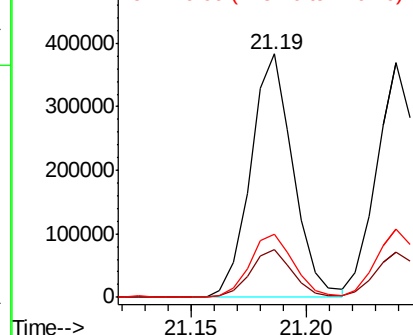
228 100

229 19.7 15.8 23.6

226 26.0 21.4 32.2



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 15.568 ng/u1

RT: 21.12 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

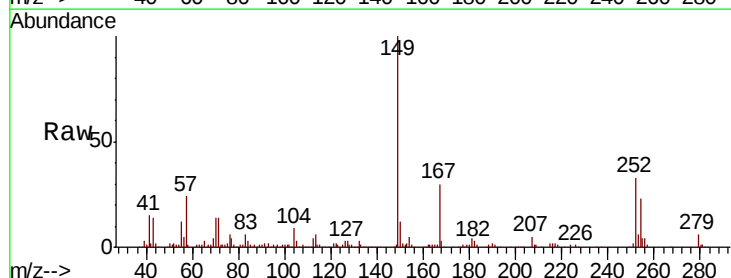
Tgt Ion:149 Resp: 215129

Ion Ratio Lower Upper

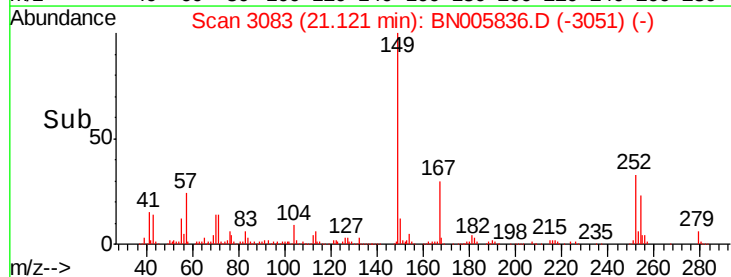
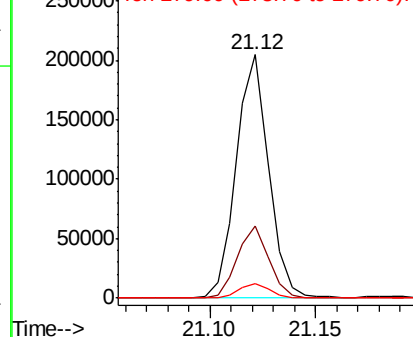
149 100

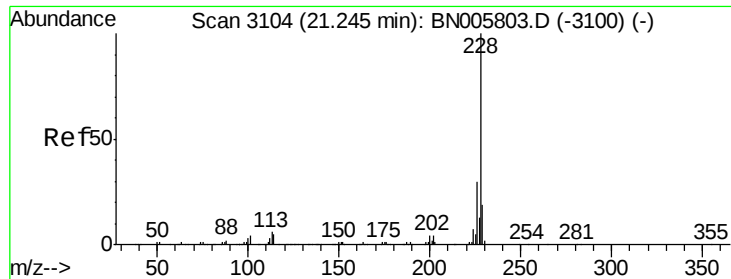
167 29.6 22.3 33.5

279 6.0 3.3 4.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 20.496 ng/u1

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

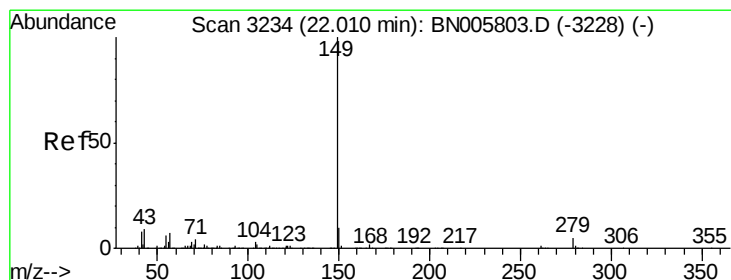
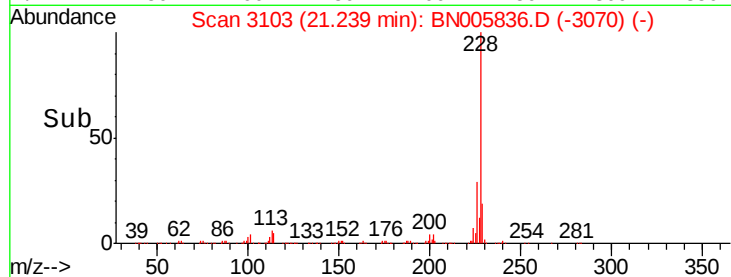
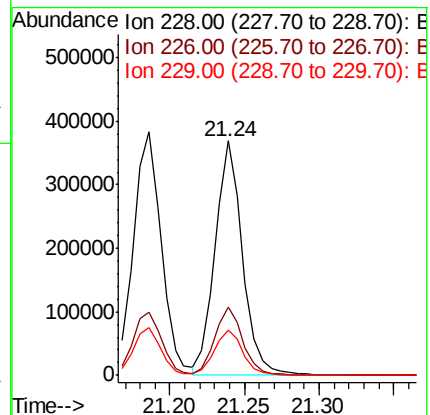
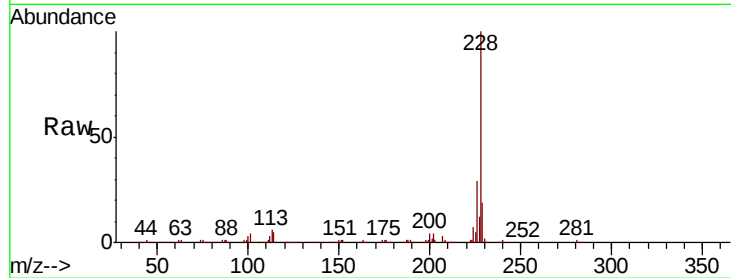
Tgt Ion:228 Resp: 471242

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

229 19.2 15.4 23.0



#86

Di-n-octyl phthalate

Concen: 16.076 ng/u1

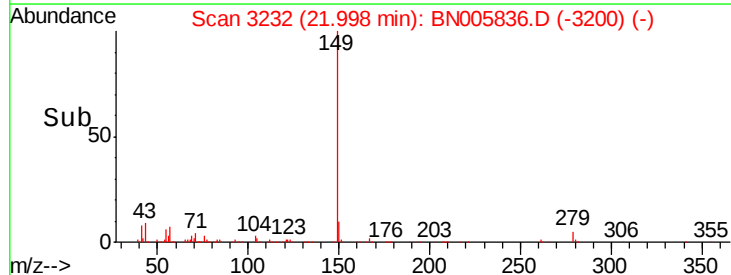
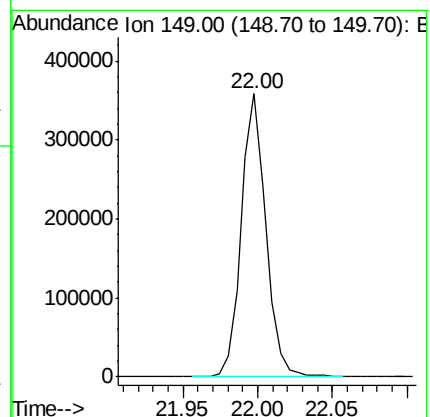
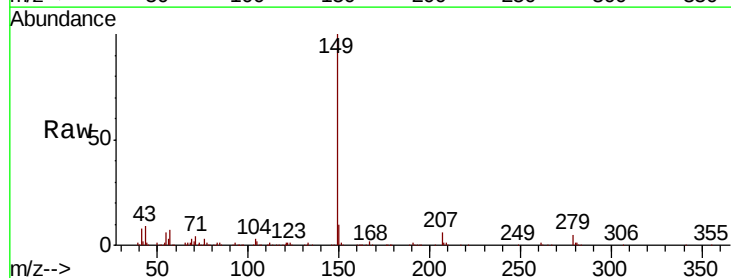
RT: 22.00 min Scan# 3232

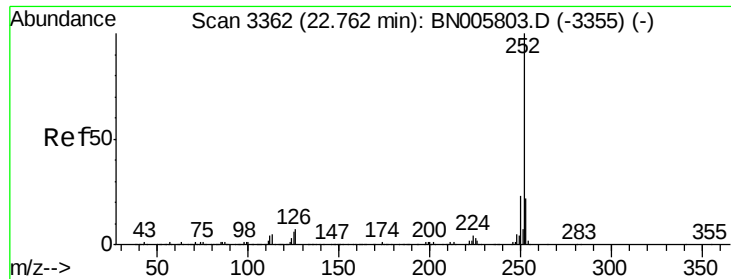
Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Tgt Ion:149 Resp: 409454





#87

Benzo(b)fluoranthene

Concen: 20.504 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.01 min

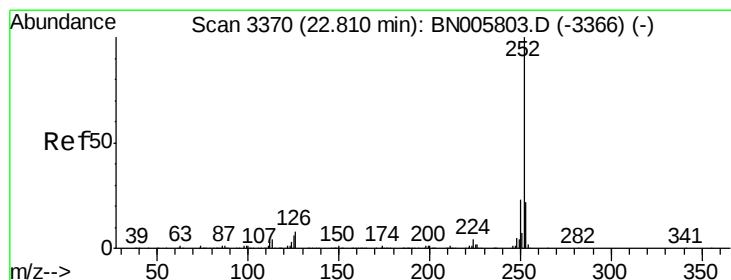
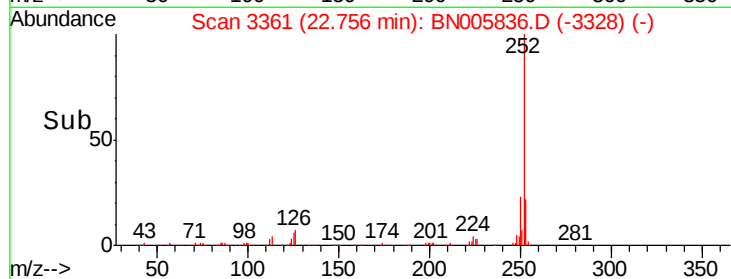
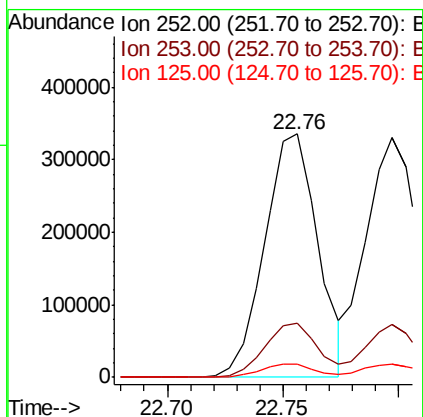
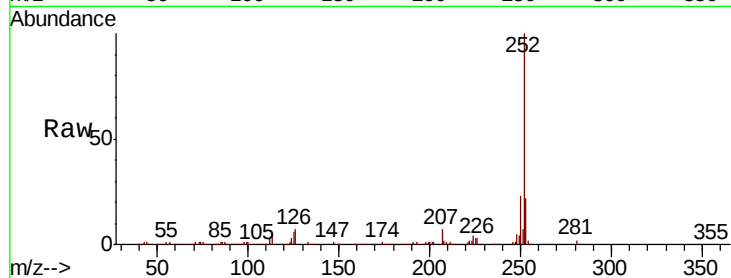
Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :
BNA_N
ClientSampleId :
SSTD02089

Tgt Ion:252 Resp: 538480

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	5.7	8.4	12.6#



#88

Benzo(k)fluoranthene

Concen: 21.543 ng/ul

RT: 22.80 min Scan# 3368

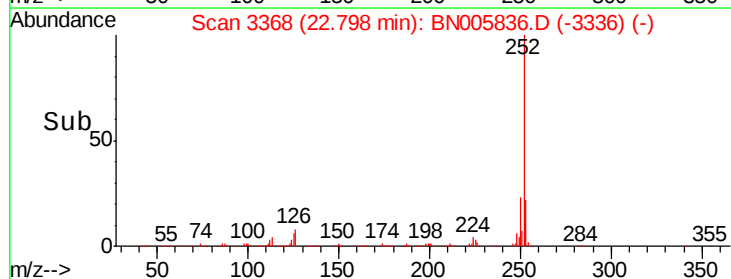
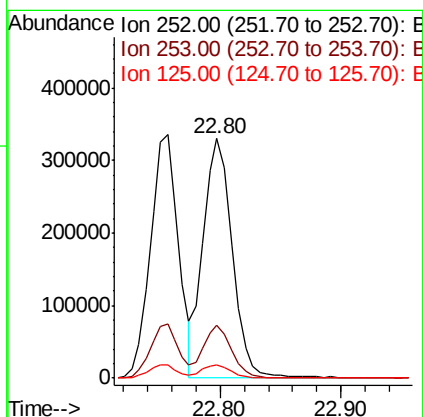
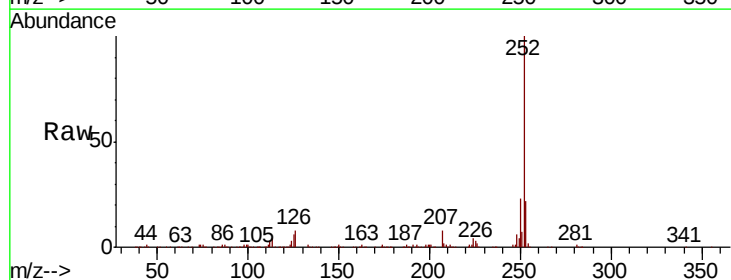
Delta R.T. -0.01 min

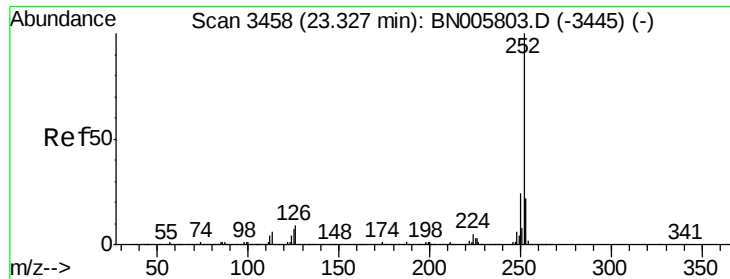
Lab File: BN005836.D

Acq: 21 May 2019 21:53

Tgt Ion:252 Resp: 547424

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	5.7	7.5	11.3#





#90

Benzo(a)pyrene

Concen: 21.506 ng/u1

RT: 23.32 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

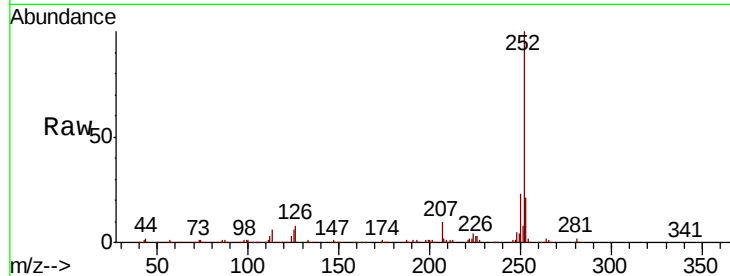
Tgt Ion:252 Resp: 546888

Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

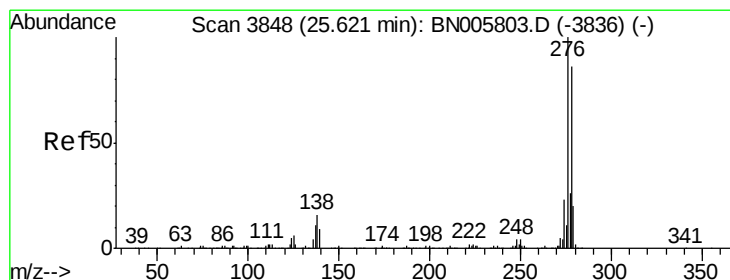
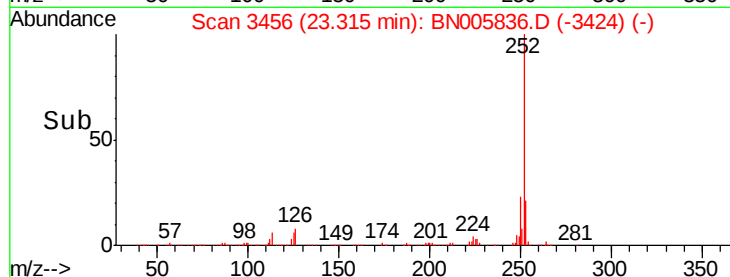
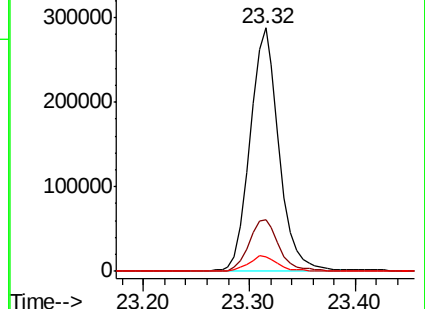
125 6.1 8.6 13.0#



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 22.543 ng/u1

RT: 25.60 min Scan# 3844

Delta R.T. -0.02 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

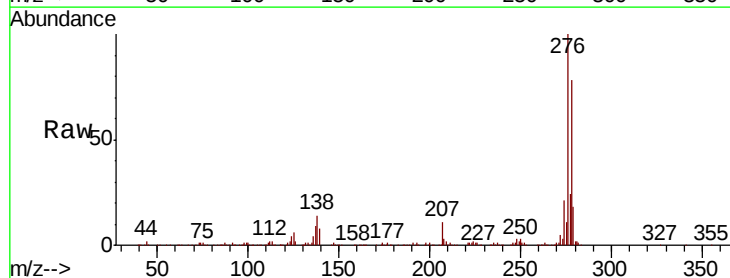
Tgt Ion:276 Resp: 700891

Ion Ratio Lower Upper

276 100

138 14.0 17.9 26.9#

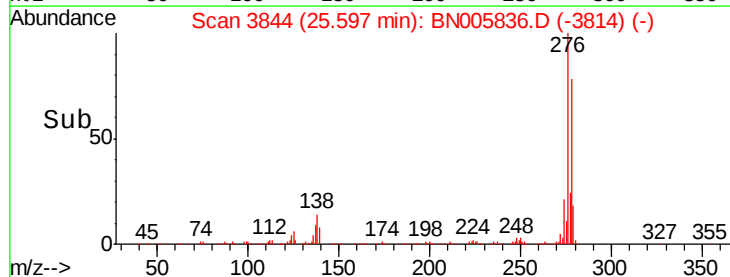
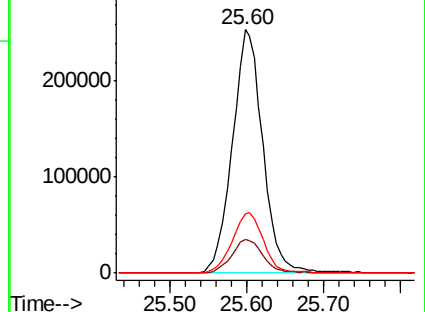
277 24.4 19.7 29.5

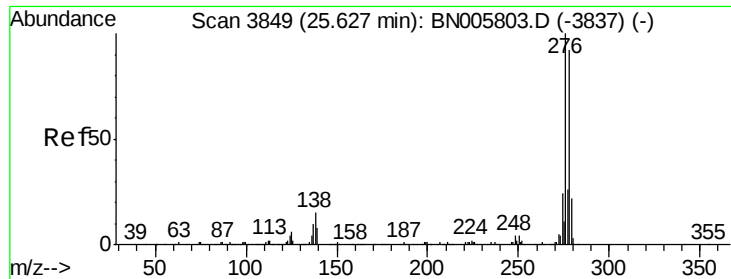


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 22.313 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. -0.02 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

Instrument :

BNA_N

ClientSampleId :

SSTD02089

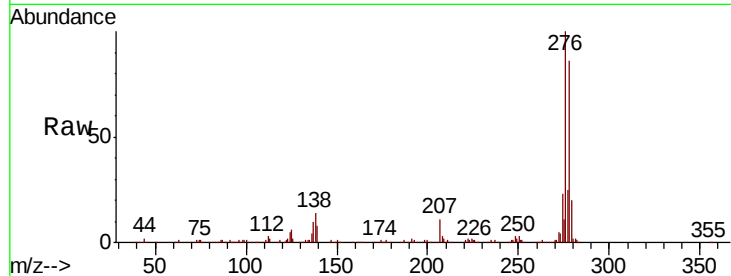
Tgt Ion:278 Resp: 583964

Ion Ratio Lower Upper

278 100

139 9.2 13.1 19.7#

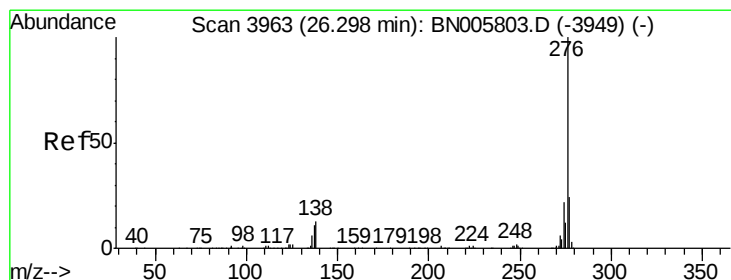
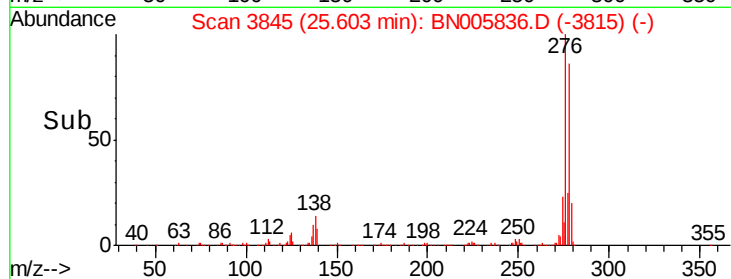
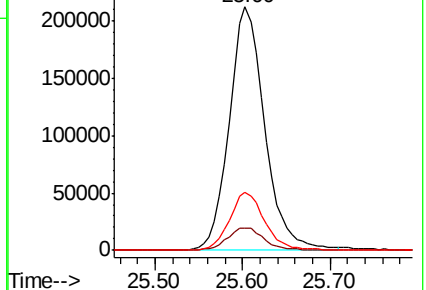
279 23.6 19.4 29.0



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(g,h,i)perylene

Concen: 22.808 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. -0.03 min

Lab File: BN005836.D

Acq: 21 May 2019 21:53

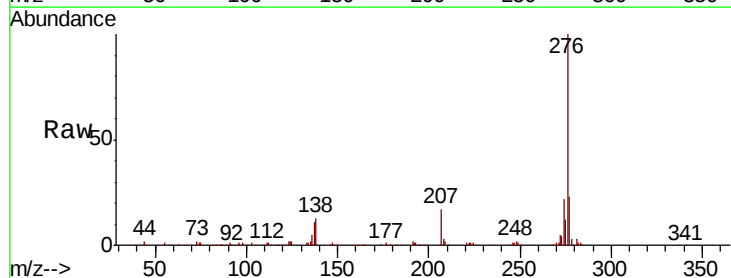
Tgt Ion:276 Resp: 592772

Ion Ratio Lower Upper

276 100

138 12.7 16.7 25.1#

277 23.2 18.2 27.2



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

