

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000596.D
 Acq On : 24 Mar 2018 01:42
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02032

Quant Time: Mar 24 02:44:22 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 23 23:09:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	195280	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	849464	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	461227	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	977309	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	895521	20.00	ng/ul	-0.01
83) Perylene-d12	24.35	264	777512	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	41387	7.57	ng/uL	0.00
5) Phenol-d5	7.55	99	365043	20.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	213916	20.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	268411	19.48	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	288425	20.32	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	129641	18.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	136051	19.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	250886	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	327867	24.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	733083	20.12	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	944916	19.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.21	143	125684	18.58	ng/ul	0.00
57) Fluorene-d10	16.01	176	617188	19.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	92358	16.50	ng/ul	0.00
70) Anthracene-d10	17.85	188	906188	19.29	ng/ul	0.00
76) Pyrene-d10	20.11	212	934679	18.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.19	264	735912	20.05	ng/ul	-0.02

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.63	88	45225	7.682	ng/uL#	85
4) Benzaldehyde	7.53	77	152906	20.586	ng/ul	93
6) Phenol	7.58	94	375918	20.225	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.81	93	298024	20.206	ng/ul	94
10) 2-Chlorophenol	7.97	128	277112	19.702	ng/ul	97
11) 2-Methylphenol	8.85	108	275074	20.179	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.94	45	325780	20.495	ng/ul#	93
14) Acetophenone	9.24	105	444146	21.054	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.22	70	222078	20.128	ng/ul	94
16) 4-Methylphenol	9.18	108	301627	20.668	ng/ul	96
17) Hexachloroethane	9.51	117	114000	19.426	ng/ul#	70
20) Nitrobenzene	9.64	77	334411	19.636	ng/ul	94
21) Isophorone	10.15	82	632617	19.486	ng/ul	97
23) 2-Nitrophenol	10.35	139	148286	19.291	ng/ul	92
24) 2,4-Dimethylphenol	10.40	107	321530	19.418	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.63	93	395929	19.309	ng/ul	97
27) 2,4-Dichlorophenol	10.89	162	246808	19.849	ng/ul#	93
28) Naphthalene	11.30	128	872000	19.548	ng/ul	99
30) 4-Chloroaniline	11.40	127	332820	24.934	ng/ul	97
31) Hexachlorobutadiene	11.57	225	135985	19.736	ng/ul	98
32) Caprolactam	12.15	113	92405	20.329	ng/ul	85
33) 4-Chloro-3-methylphenol	12.50	107	300472	20.555	ng/ul	97
34) 2-Methylnaphthalene	12.88	142	596648	20.033	ng/ul	99

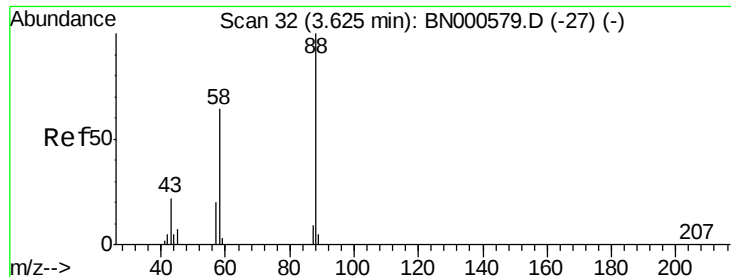
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.24	216	265327	19.148	ng/ul#	96
37) Hexachlorocyclopentadiene	13.21	237	152757	21.141	ng/ul	98
38) 2,4,6-Trichlorophenol	13.48	196	178053	18.944	ng/ul	98
39) 2,4,5-Trichlorophenol	13.55	196	186843	19.065	ng/ul	97
40) 1,1'-Biphenyl	13.87	154	765515	19.497	ng/ul#	94
41) 2-Chloronaphthalene	13.92	162	586936	19.392	ng/ul	96
42) 2-Nitroaniline	14.11	65	183868	20.050	ng/ul	96
44) Dimethylphthalate	14.47	163	724101	20.090	ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	149224	20.545	ng/ul#	88
47) Acenaphthylene	14.76	152	923852	19.618	ng/ul	99
48) 3-Nitroaniline	14.93	138	152410	21.734	ng/ul#	91
49) Acenaphthene	15.10	153	628119	19.562	ng/ul	99
50) 2,4-Dinitrophenol	15.14	184	66056	19.277	ng/ul#	79
52) 4-Nitrophenol	15.23	109	103464	19.788	ng/ul	86
53) Dibenzofuran	15.42	168	869969	19.949	ng/ul	98
54) 2,4-Dinitrotoluene	15.38	165	215085	20.888	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.64	232	145325	19.418	ng/ul#	93
56) Diethylphthalate	15.81	149	747160	20.309	ng/ul	96
58) Fluorene	16.07	166	695995	20.083	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.05	204	323517	20.203	ng/ul#	86
60) 4-Nitroaniline	16.08	138	157369	19.975	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.14	198	96537	16.337	ng/ul#	86
64) N-Nitrosodiphenylamine	16.26	169	601048	18.668	ng/ul	98
65) 4-Bromophenyl-phenylether	16.94	248	190004	19.074	ng/ul#	88
66) Hexachlorobenzene	17.07	284	205952	19.580	ng/ul#	87
67) Atrazine	17.19	200	204007	21.009	ng/ul	95
68) Pentachlorophenol	17.40	266	106821	19.237	ng/ul	99
69) Phenanthrene	17.80	178	1086414	19.296	ng/ul	100
71) Anthracene	17.89	178	1106862	19.173	ng/ul	98
72) Carbazole	18.15	167	994559	20.089	ng/ul	98
73) Di-n-butylphthalate	18.67	149	1262480	18.752	ng/ul	99
74) Fluoranthene	19.78	202	1184145	21.165	ng/ul#	81
77) Pyrene	20.14	202	1205526	18.431	ng/ul#	76
78) Butylbenzylphthalate	20.98	149	594522	18.299	ng/ul#	87
79) 3,3'-Dichlorobenzidine	21.78	252	331746	18.962	ng/ul#	96
80) Benzo(a)anthracene	21.86	228	1110031	18.604	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.74	149	854914	18.125	ng/ul#	97
82) Chrysene	21.92	228	1045835	18.697	ng/ul	98
84) Di-n-octyl phthalate	22.69	149	1438454	21.980	ng/ul	100
85) Benzo(b)fluoranthene	23.60	252	1004250	20.441	ng/ul#	95
86) Benzo(k)fluoranthene	23.65	252	951639	20.064	ng/ul#	95
88) Benzo(a)pyrene	24.25	252	901346	19.494	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.91	276	857110	17.191	ng/ul#	79
90) Dibenzo(a,h)anthracene	26.92	278	716564	17.252	ng/ul#	91
91) Benzo(g,h,i)perylene	27.70	276	682281	16.467	ng/ul#	88

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



#2

1,4-Dioxane

Concen: 7.682 ng/uL

RT: 3.63 min Scan# 32

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

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ClientSampleId :

SSTD02032

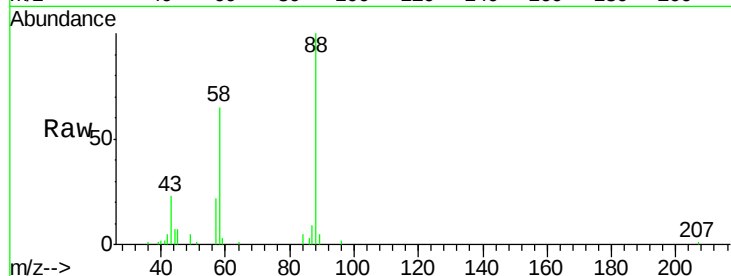
Tot Ion: 88 Resp: 45225

Ion Ratio Lower Upper

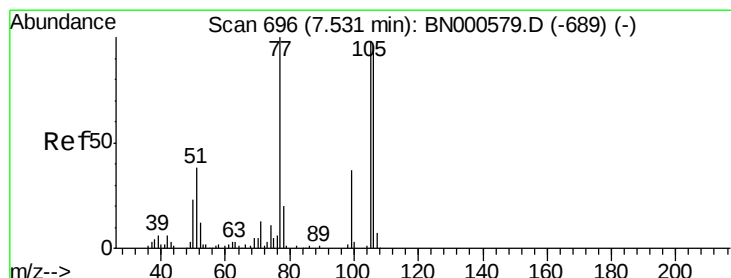
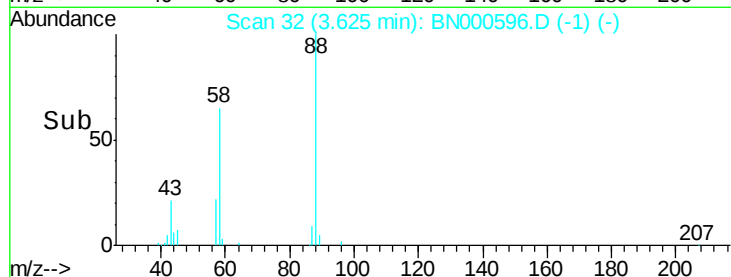
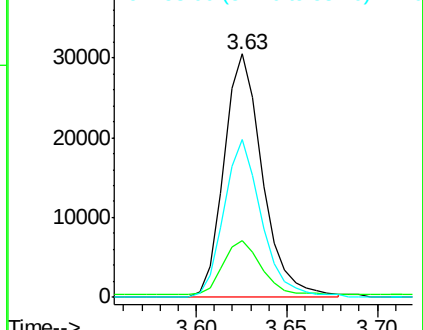
88 100

43 23.2 29.0 43.4#

58 65.0 45.9 68.9



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: 20.586 ng/uL

RT: 7.53 min Scan# 696

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

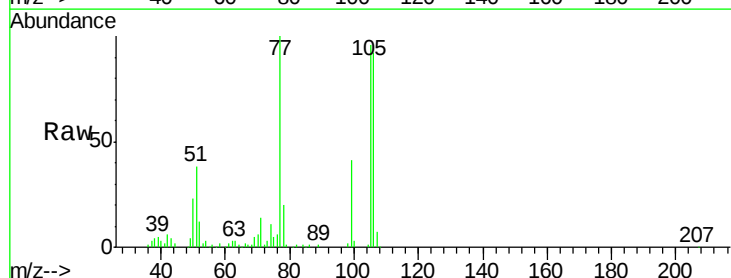
Tgt Ion: 77 Resp: 152906

Ion Ratio Lower Upper

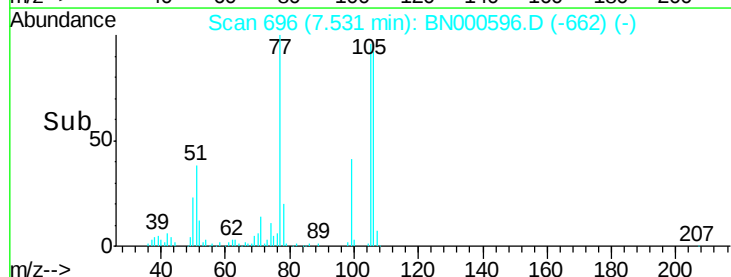
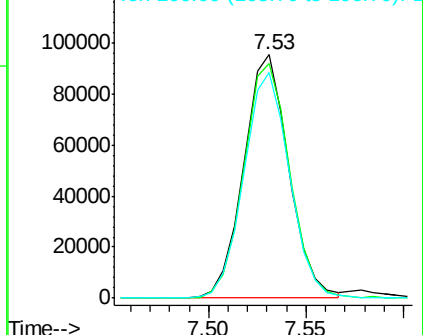
77 100

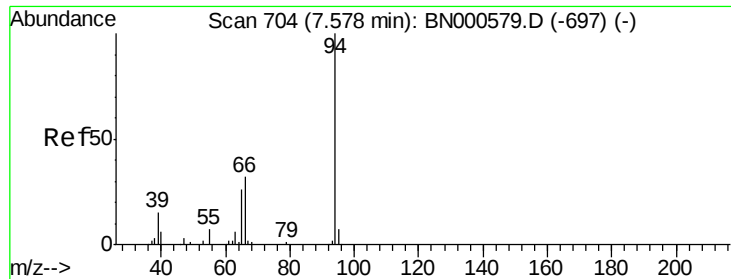
105 96.4 71.0 106.6

106 92.5 69.5 104.3



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





#6

Phenol

Concen: 20.225 ng/ul

RT: 7.58 min Scan# 704

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

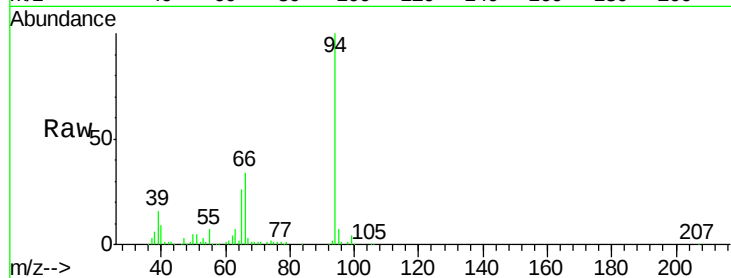
Tot Ion: 94 Resp: 375918

Ion Ratio Lower Upper

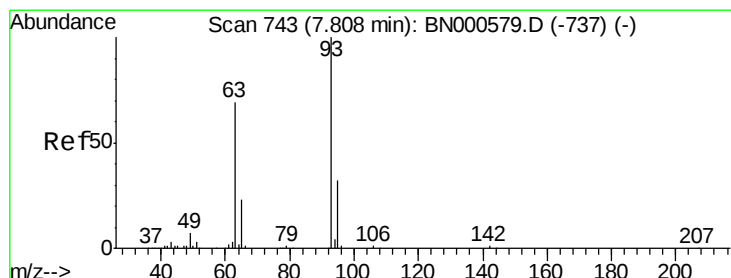
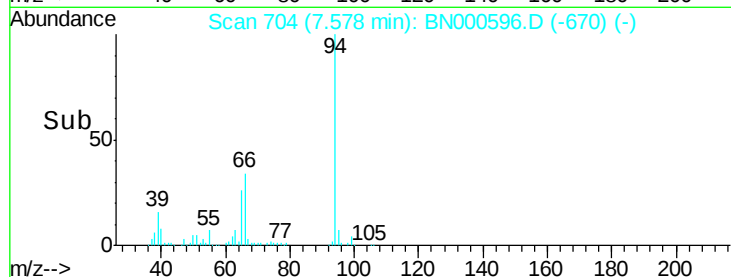
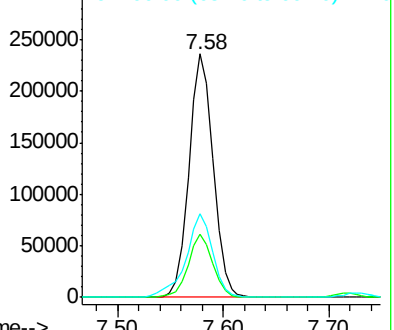
94 100

65 25.7 23.0 34.6

66 34.2 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BN0
Ion 65.00 (64.70 to 65.70): BN0
Ion 66.00 (65.70 to 66.70): BN0



#8

Bis(2-Chloroethyl)ether

Concen: 20.206 ng/ul

RT: 7.81 min Scan# 744

Delta R.T. 0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

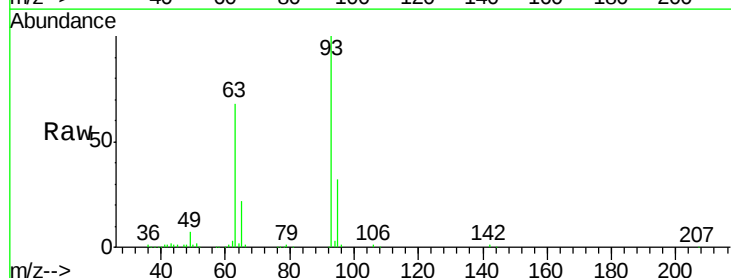
Tgt Ion: 93 Resp: 298024

Ion Ratio Lower Upper

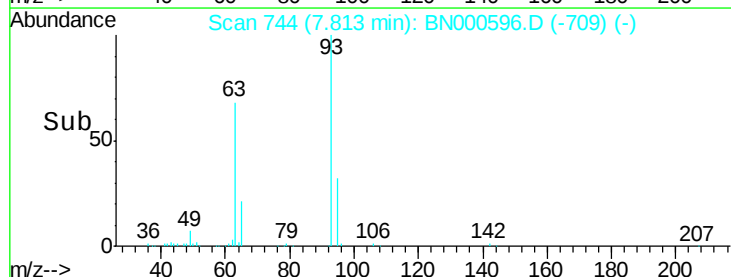
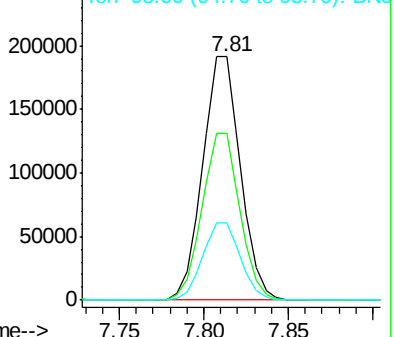
93 100

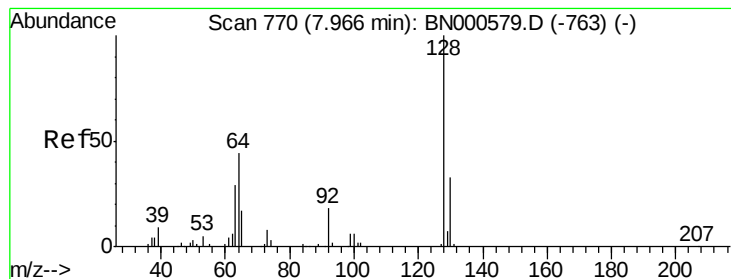
63 68.3 59.4 89.2

95 31.9 26.4 39.6



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#10

2-Chlorophenol

Concen: 19.702 ng/ul

RT: 7.97 min Scan# 770

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

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SSTD02032

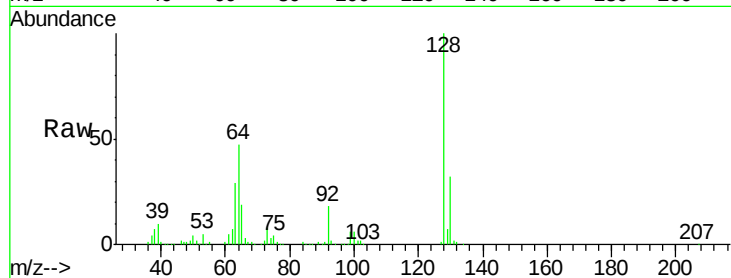
Tot Ion:128 Resp: 277112

Ion Ratio Lower Upper

128 100

64 46.6 39.8 59.6

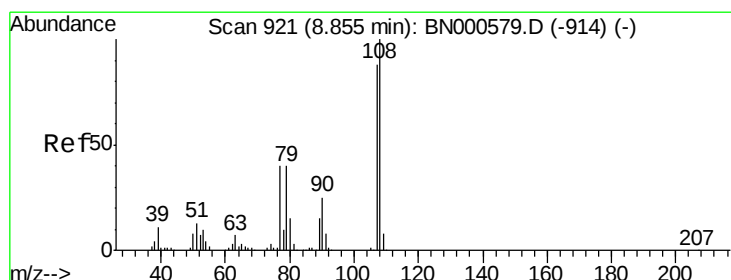
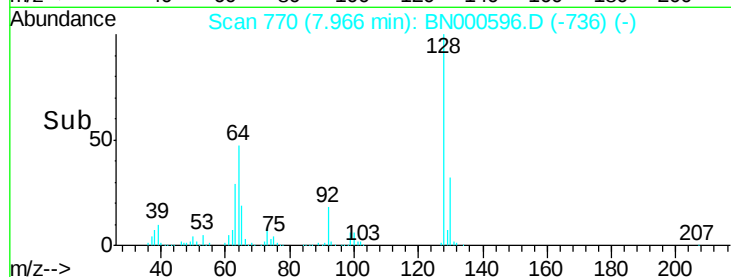
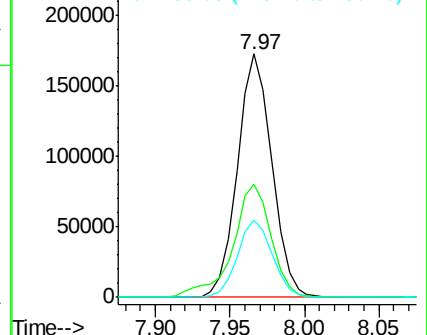
130 31.6 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNO

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.179 ng/ul

RT: 8.85 min Scan# 921

Delta R.T. -0.00 min

Lab File: BN000596.D

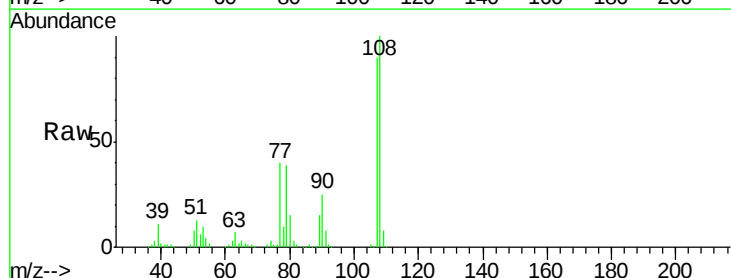
Acq: 24 Mar 2018 01:42

Tgt Ion:108 Resp: 275074

Ion Ratio Lower Upper

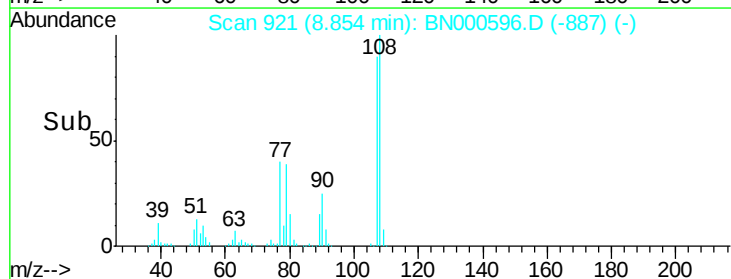
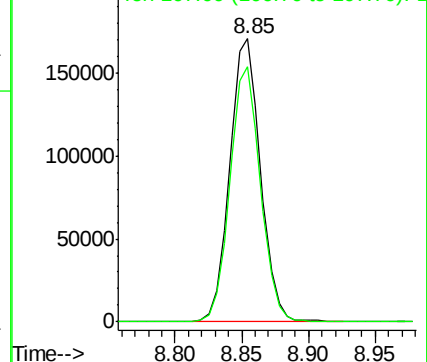
108 100

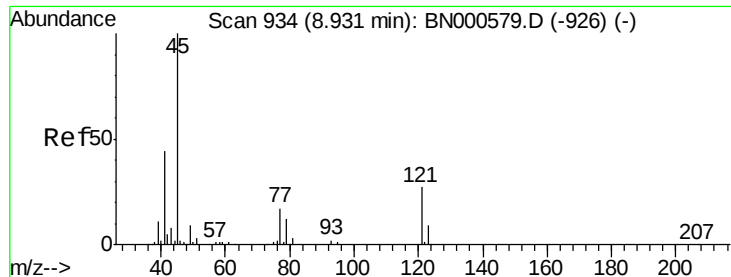
107 90.2 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 20.495 ng/ul

RT: 8.94 min Scan# 935

Delta R.T. 0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

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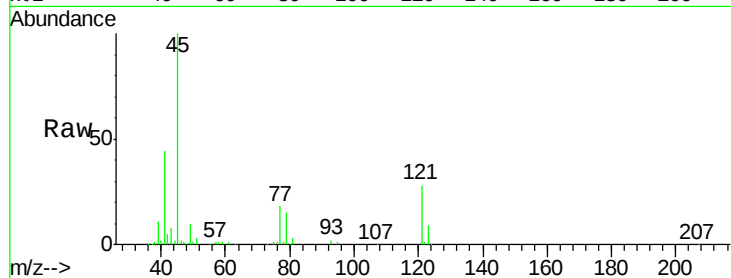
Tot Ion: 45 Resp: 325780

Ion Ratio Lower Upper

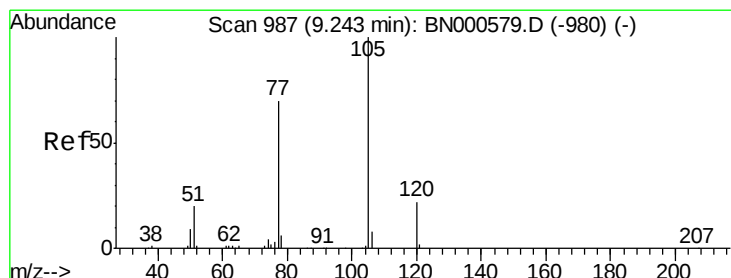
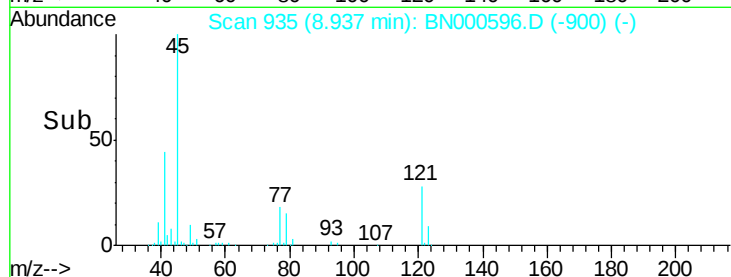
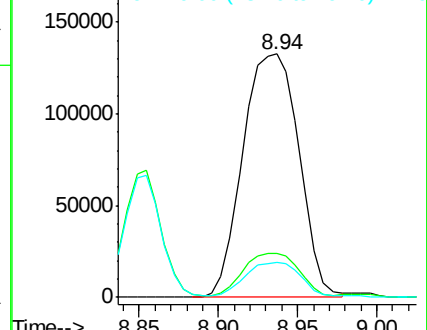
45 100

77 18.3 12.5 18.7

79 14.5 9.4 14.2#



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: 21.054 ng/ul

RT: 9.24 min Scan# 987

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

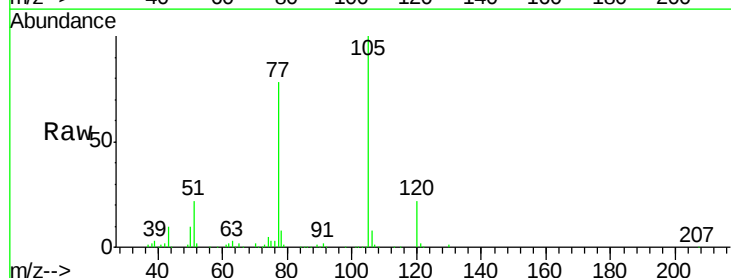
Tgt Ion:105 Resp: 444146

Ion Ratio Lower Upper

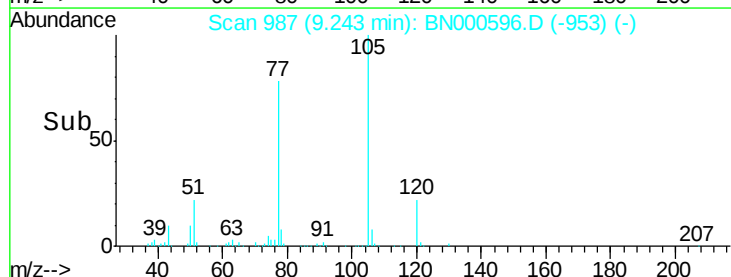
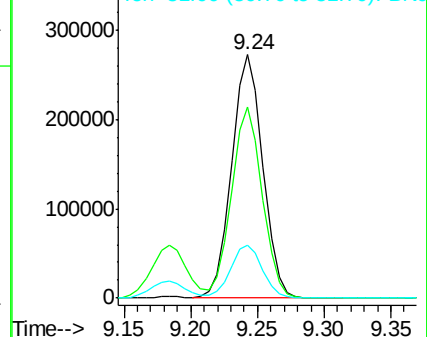
105 100

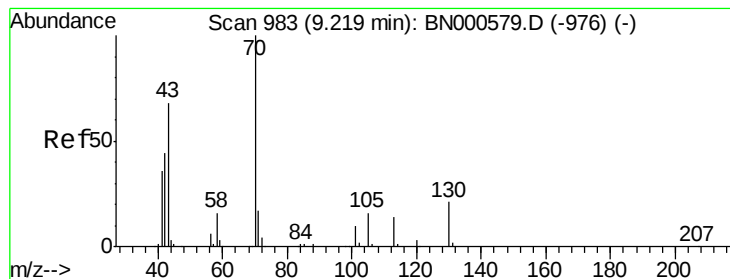
77 78.3 63.2 94.8

51 22.0 19.8 29.8



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: 20.128 ng/ul

RT: 9.22 min Scan# 983

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

Tot Ion: 70 Resp: 222078

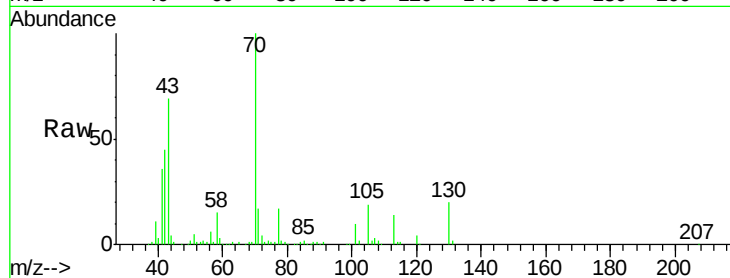
Ion	Ratio	Lower	Upper
70	100		
42	44.5	40.2	60.4
101	9.8	7.7	11.5
130	20.4	17.8	26.6

70 100

42 44.5 40.2 60.4

101 9.8 7.7 11.5

130 20.4 17.8 26.6

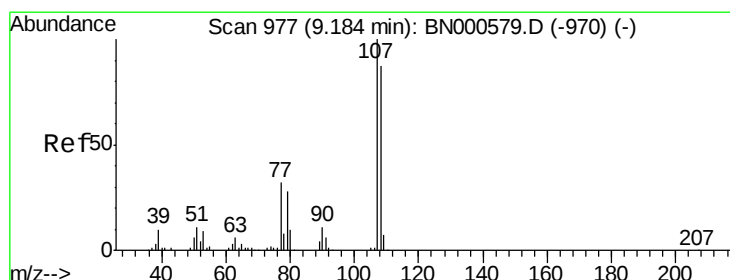
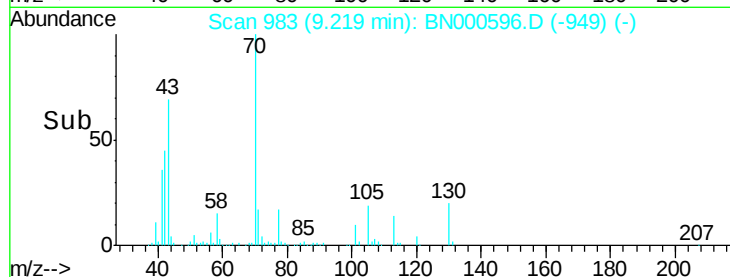
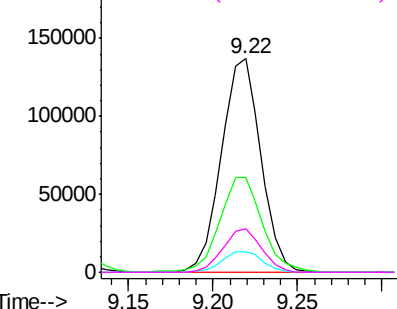


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 20.668 ng/ul

RT: 9.18 min Scan# 977

Delta R.T. -0.00 min

Lab File: BN000596.D

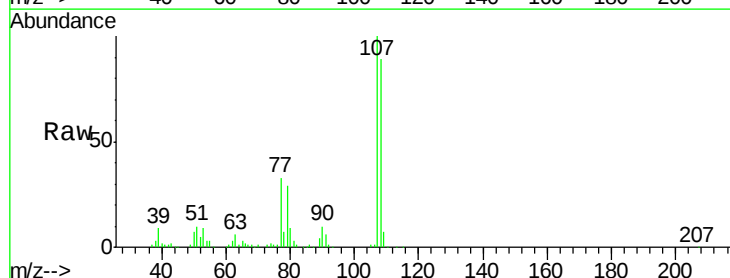
Acq: 24 Mar 2018 01:42

Tgt Ion: 108 Resp: 301627

Ion	Ratio	Lower	Upper
108	100		
107	112.6	93.6	140.4

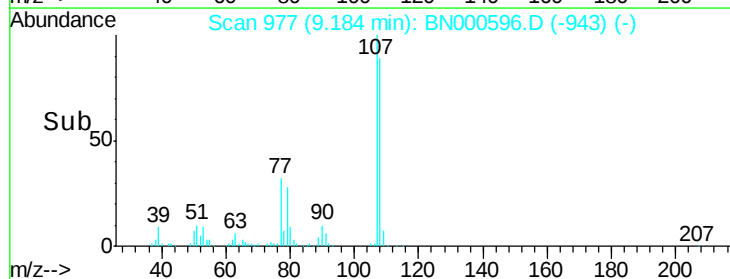
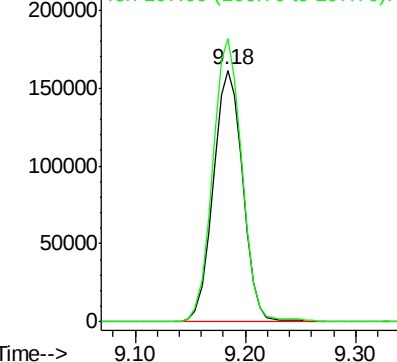
108 100

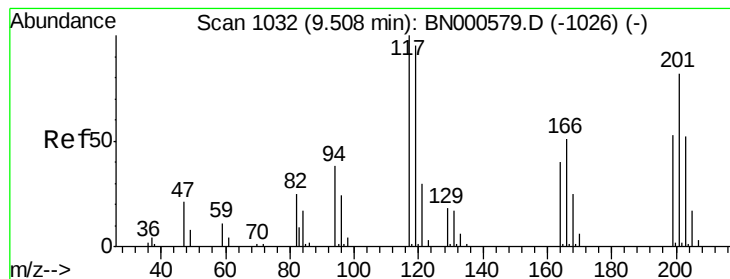
107 112.6 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 19.426 ng/ul

RT: 9.51 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

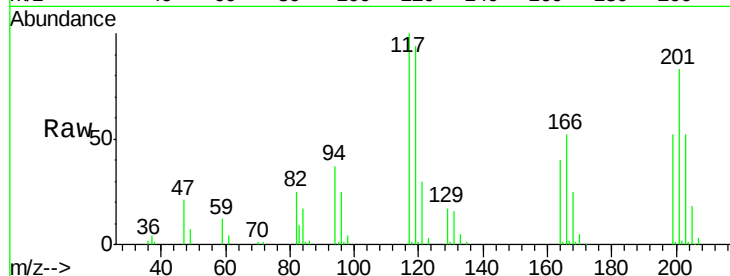
Tot Ion:117 Resp: 114000

Ion Ratio Lower Upper

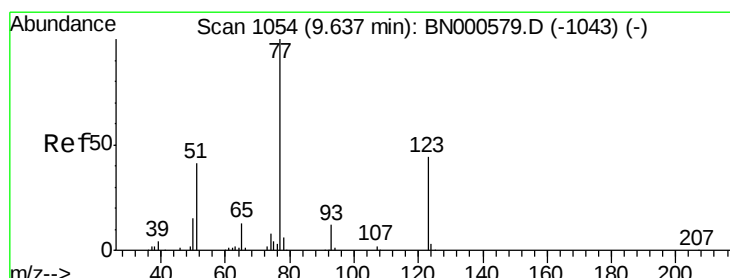
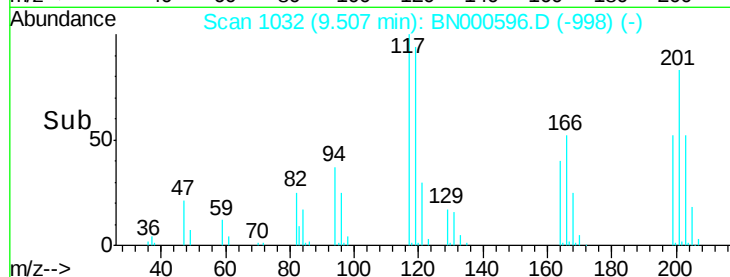
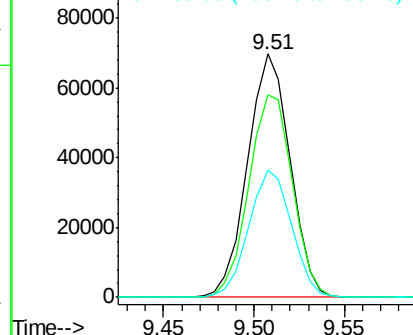
117 100

201 83.4 96.1 144.1#

199 52.3 59.7 89.5#



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: 19.636 ng/ul

RT: 9.64 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

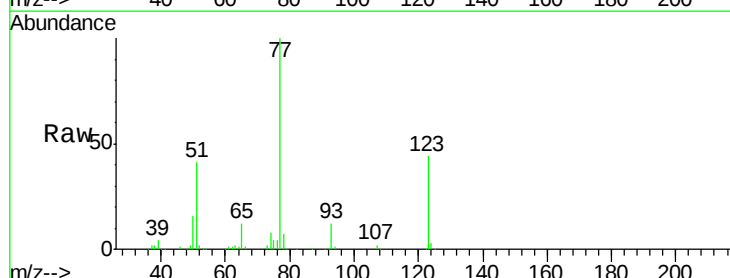
Tgt Ion: 77 Resp: 334411

Ion Ratio Lower Upper

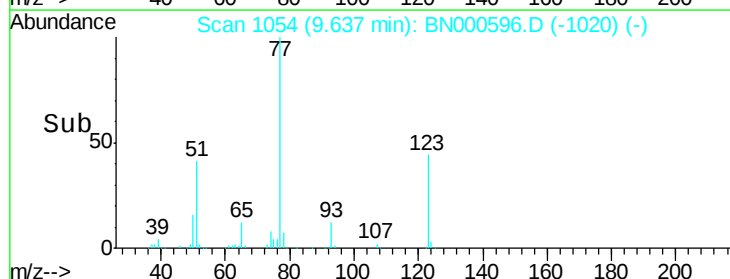
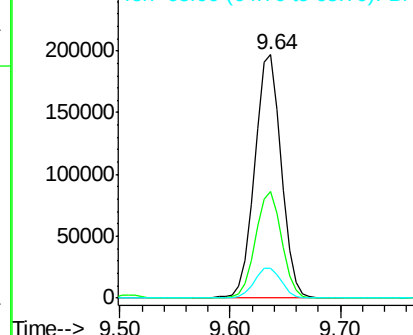
77 100

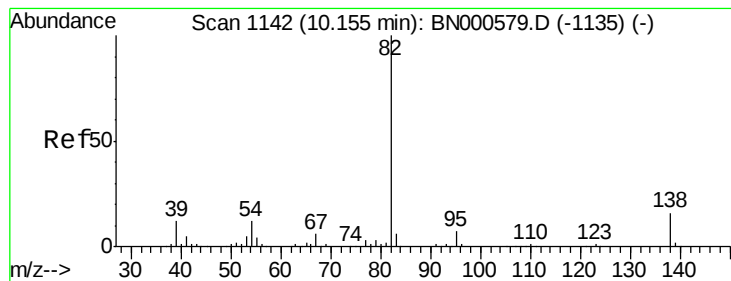
123 43.9 31.8 47.8

65 12.4 10.6 16.0



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: 19.486 ng/ul

RT: 10.15 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

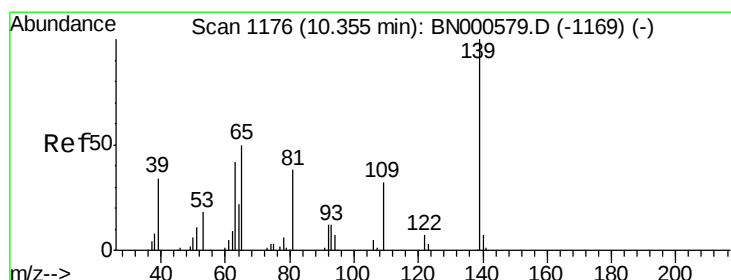
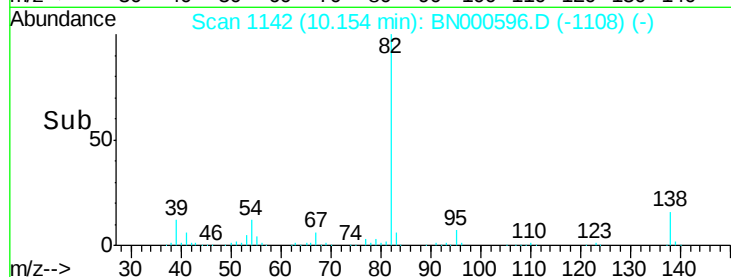
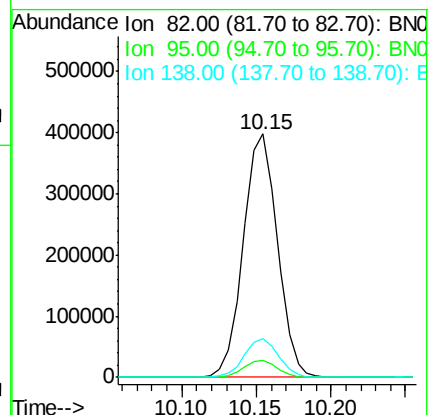
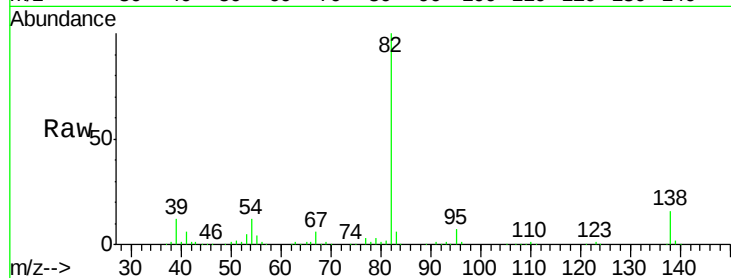
Tot Ion: 82 Resp: 632617

Ion Ratio Lower Upper

82 100

95 6.8 6.1 9.1

138 15.7 13.5 20.3



#23

2-Nitrophenol

Concen: 19.291 ng/ul

RT: 10.35 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

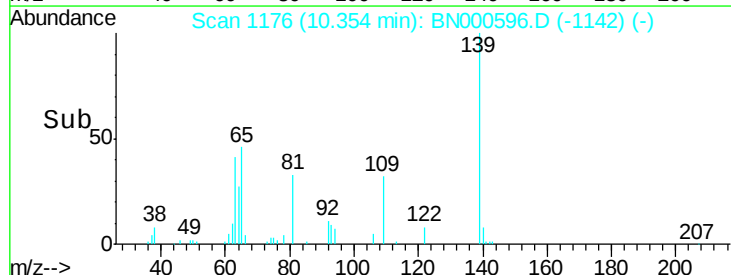
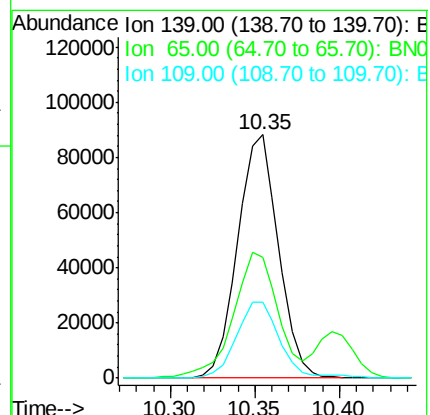
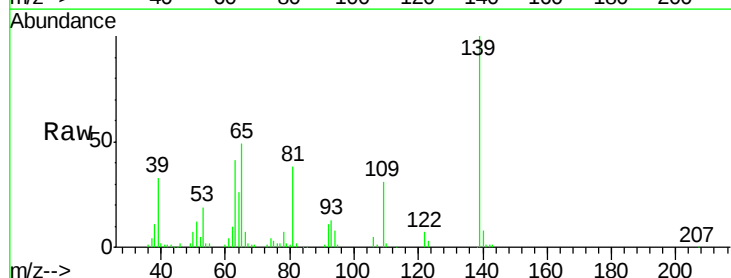
Tgt Ion: 139 Resp: 148286

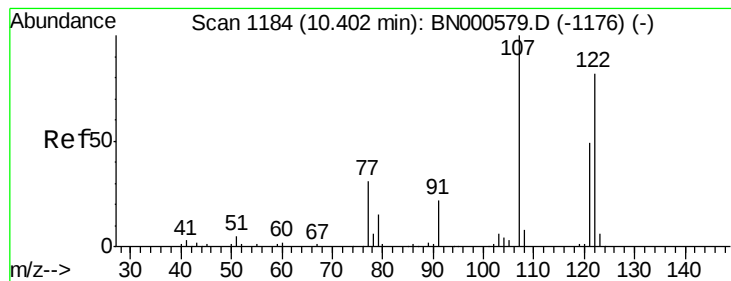
Ion Ratio Lower Upper

139 100

65 49.4 45.3 67.9

109 31.0 27.7 41.5





#24

2,4-Dimethylphenol

Concen: 19.418 ng/ul

RT: 10.40 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

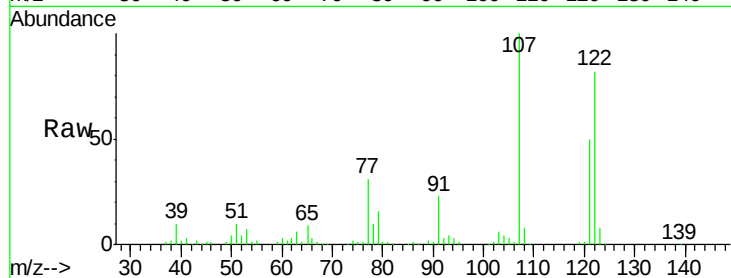
Tot Ion:107 Resp: 321530

Ion Ratio Lower Upper

107 100

121 49.7 38.1 57.1

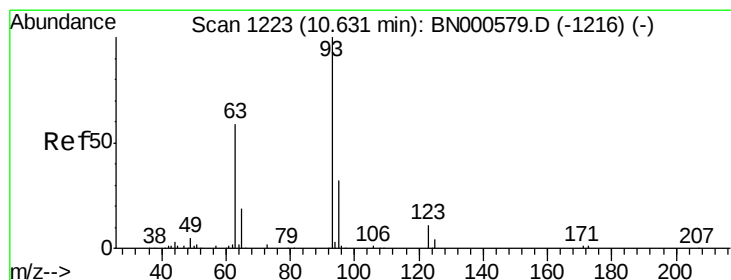
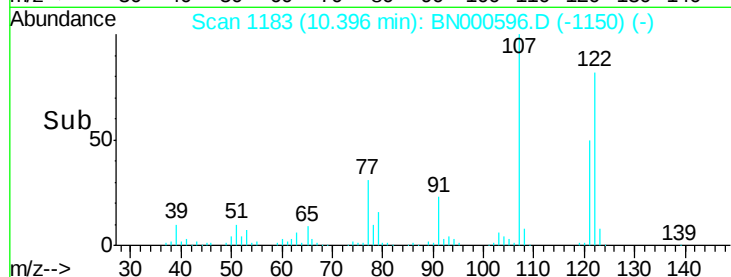
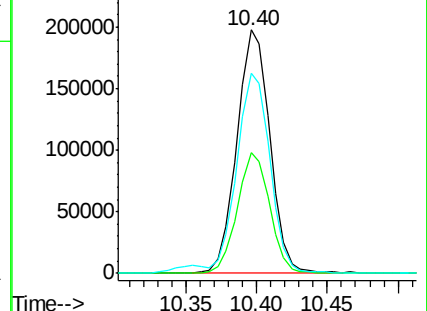
122 82.2 63.8 95.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.309 ng/ul

RT: 10.63 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

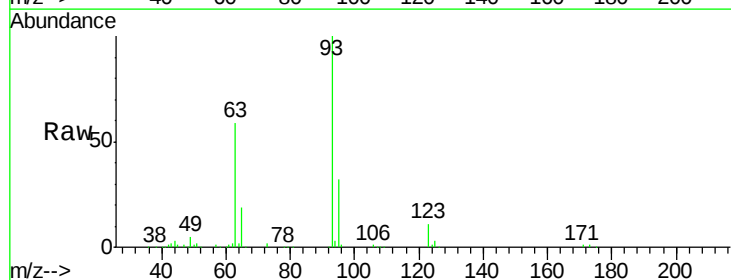
Tgt Ion: 93 Resp: 395929

Ion Ratio Lower Upper

93 100

95 32.3 24.7 37.1

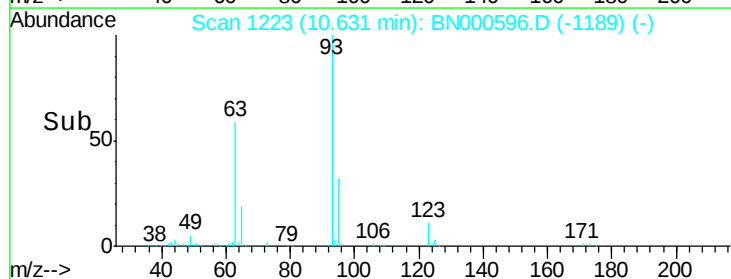
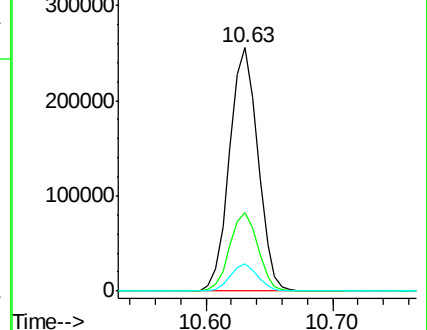
123 11.1 8.2 12.2

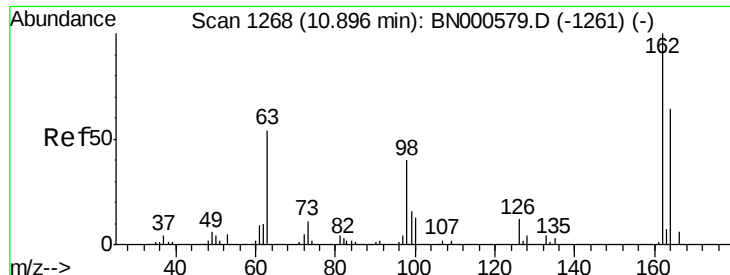


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

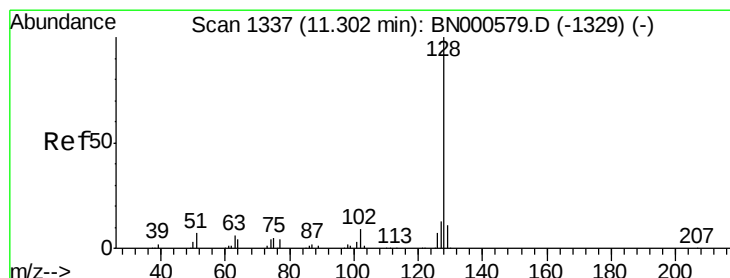
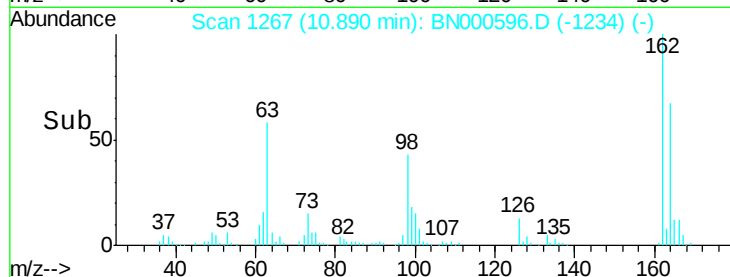
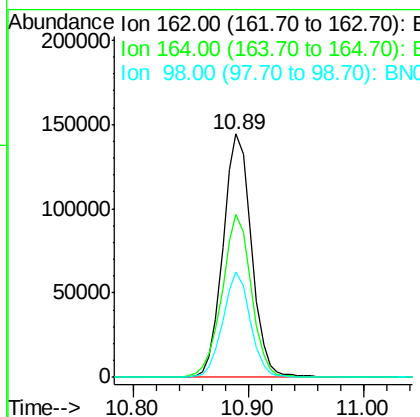
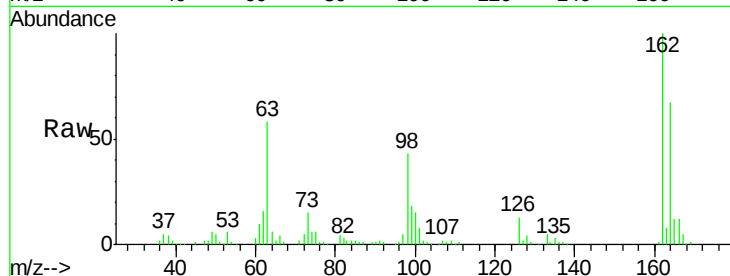




#27
 2,4-Dichlorophenol
 Concen: 19.849 ng/ul
 RT: 10.89 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BN000596.D
 Acq: 24 Mar 2018 01:42

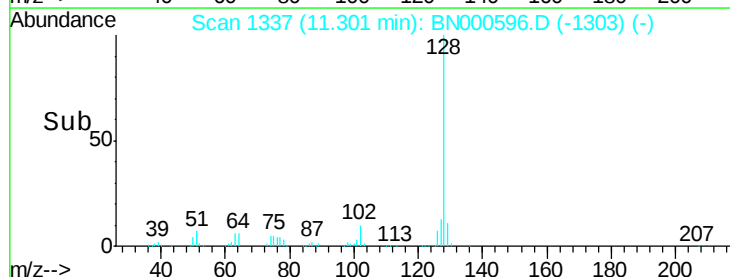
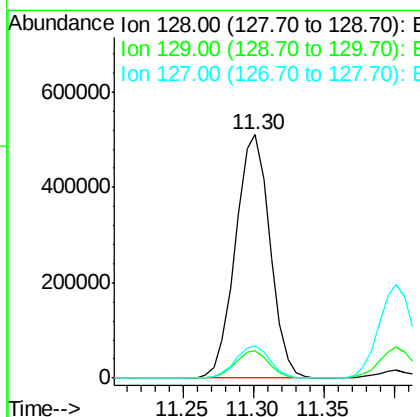
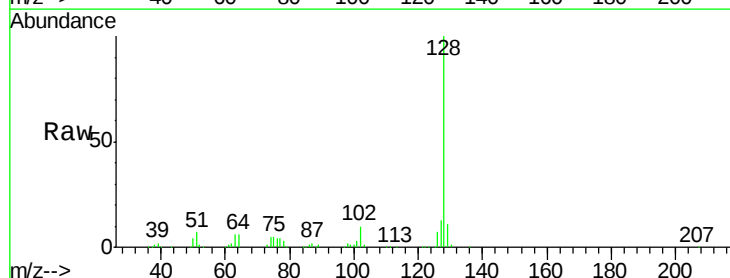
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02032

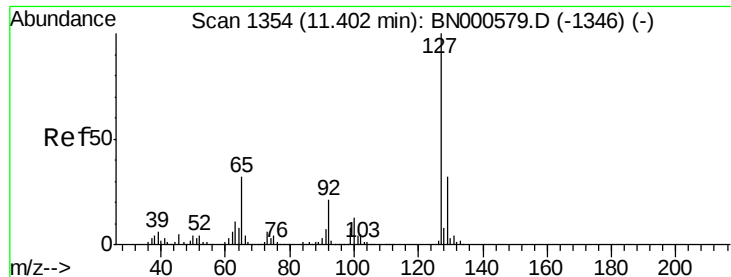
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.8	52.0	78.0
98	43.2	26.6	39.8



#28
 Naphthalene
 Concen: 19.548 ng/ul
 RT: 11.30 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BN000596.D
 Acq: 24 Mar 2018 01:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	13.1	10.8	16.2

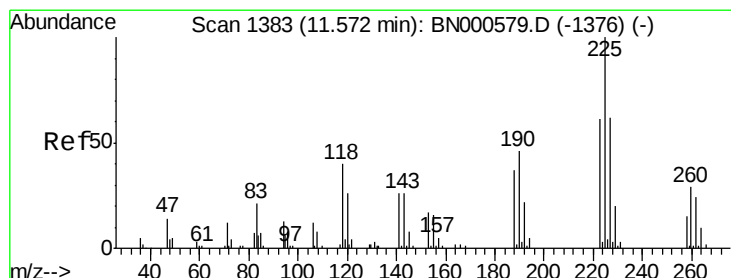
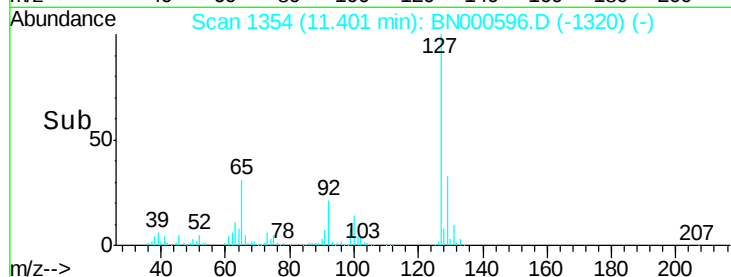
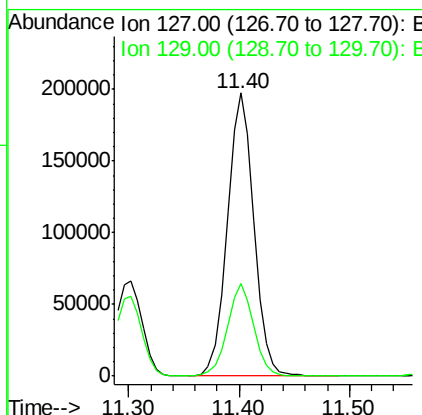
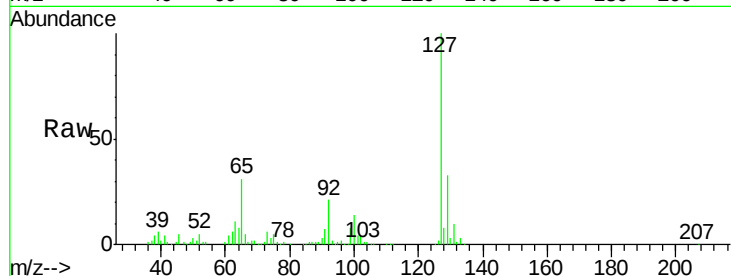




#30
4-Chloroaniline
Concen: 24.934 ng/ul
RT: 11.40 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BN000596.D
Acq: 24 Mar 2018 01:42

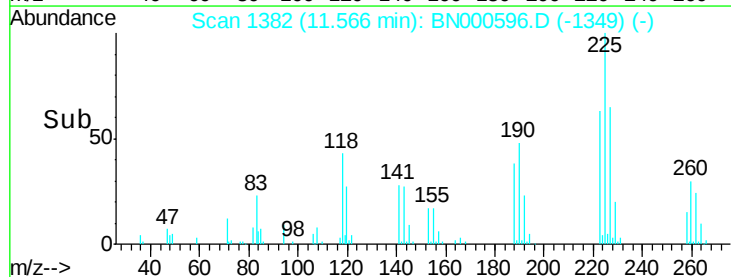
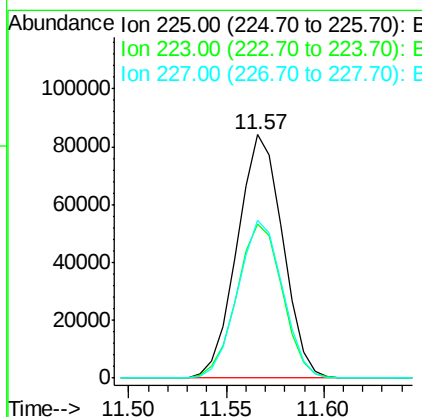
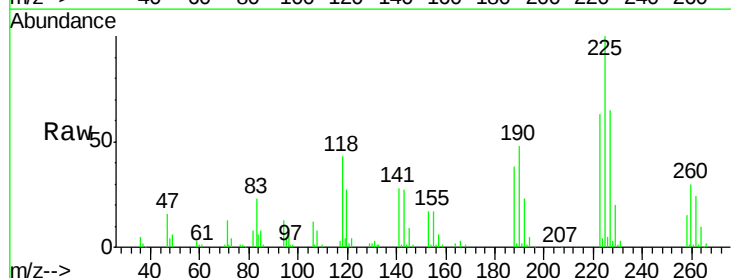
Instrument :
BNA_N
ClientSampleId :
SSTD02032

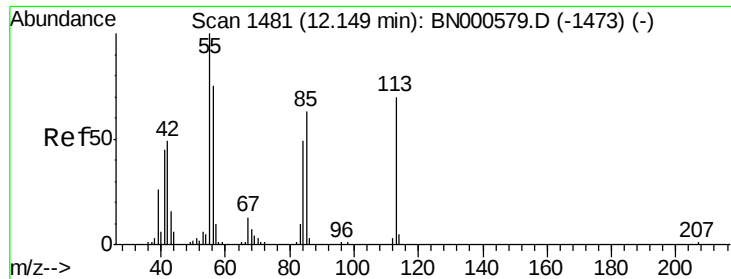
Tot Ion:127 Resp: 332820
Ion Ratio Lower Upper
127 100
129 32.6 24.6 37.0



#31
Hexachlorobutadiene
Concen: 19.736 ng/ul
RT: 11.57 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BN000596.D
Acq: 24 Mar 2018 01:42

Tgt Ion:225 Resp: 135985
Ion Ratio Lower Upper
225 100
223 63.3 48.1 72.1
227 64.9 52.1 78.1





#32

Caprolactam

Concen: 20.329 ng/ul

RT: 12.15 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

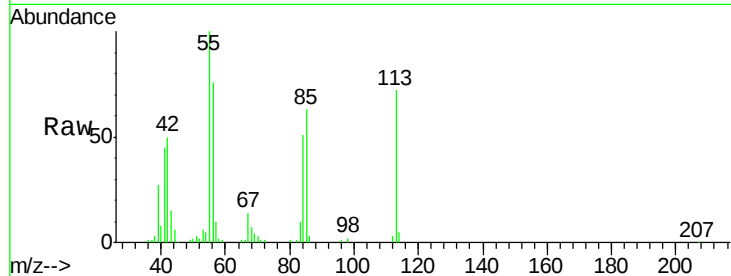
Tot Ion:113 Resp: 92405

Ion Ratio Lower Upper

113 100

55 138.6 131.7 197.5

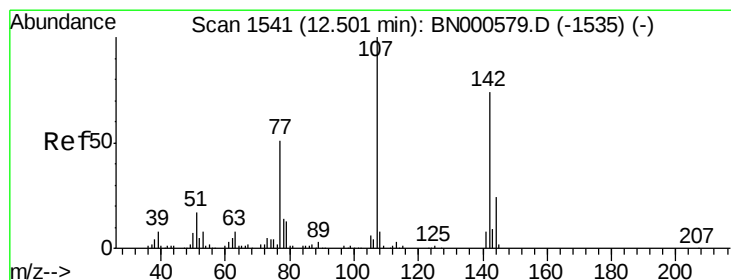
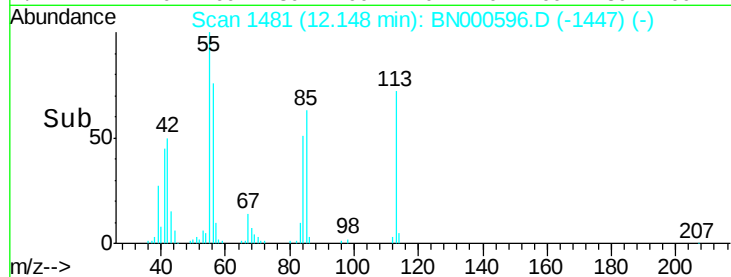
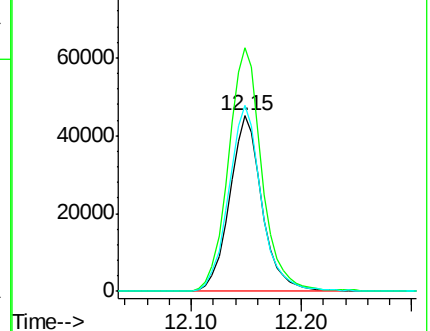
56 105.6 92.7 139.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 20.555 ng/ul

RT: 12.50 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

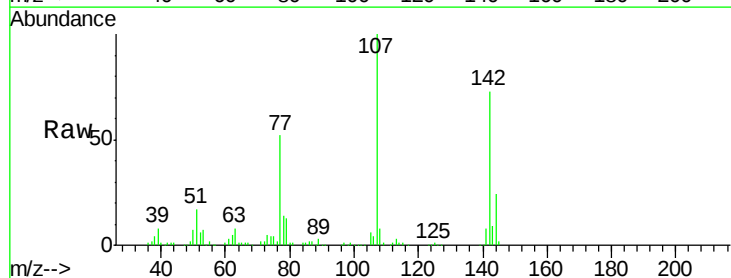
Tgt Ion:107 Resp: 300472

Ion Ratio Lower Upper

107 100

144 24.0 21.1 31.7

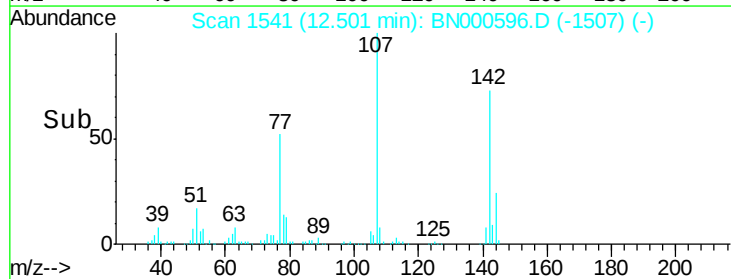
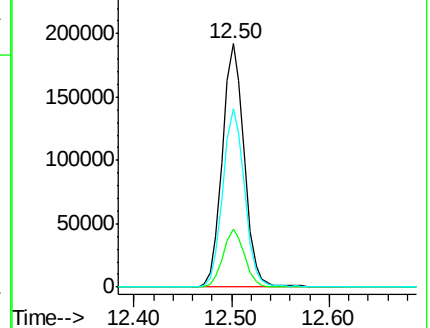
142 73.4 60.1 90.1

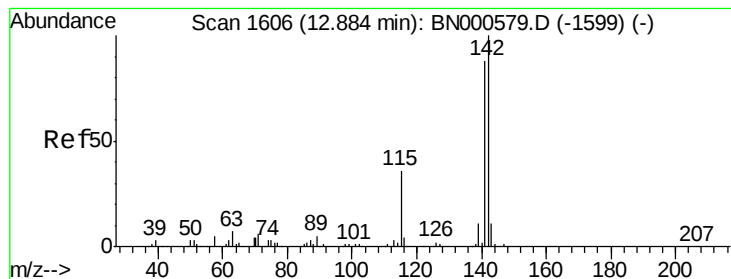


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.033 ng/ul

RT: 12.88 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

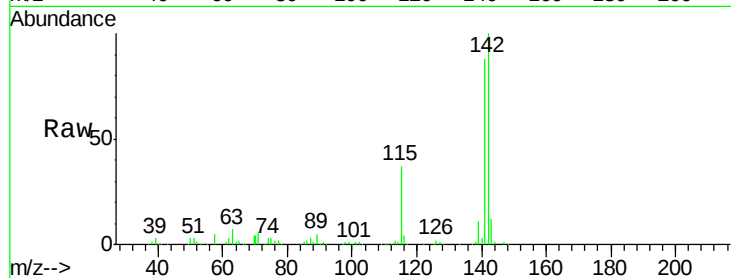
SSTD02032

Tot Ion:142 Resp: 596648

Ion Ratio Lower Upper

142 100

141 88.0 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.88

400000

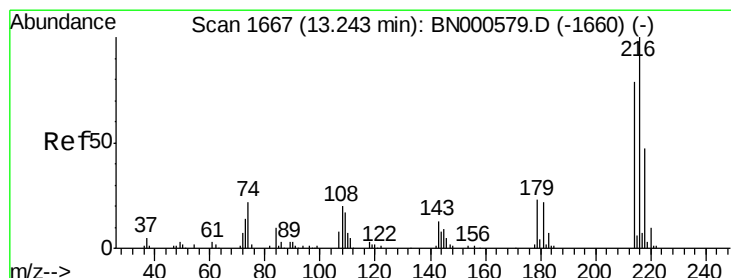
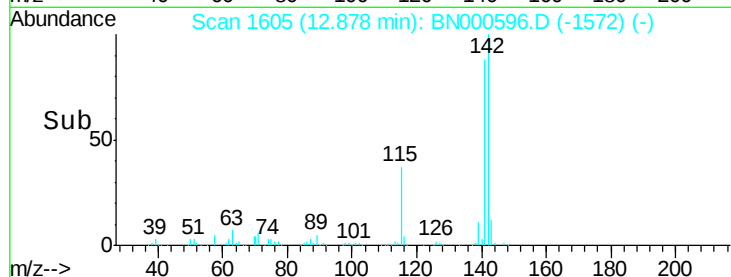
300000

200000

100000

0

Time--> 12.80 12.90 13.00



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.148 ng/ul

RT: 13.24 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Tgt Ion:216 Resp: 265327

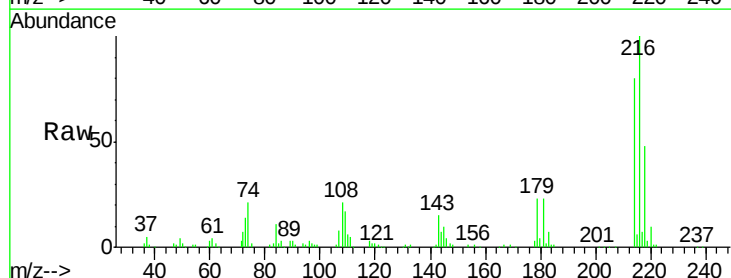
Ion Ratio Lower Upper

216 100

214 80.4 64.1 96.1

179 23.0 14.5 21.7#

108 21.2 10.4 15.6#



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

13.24

250000

200000

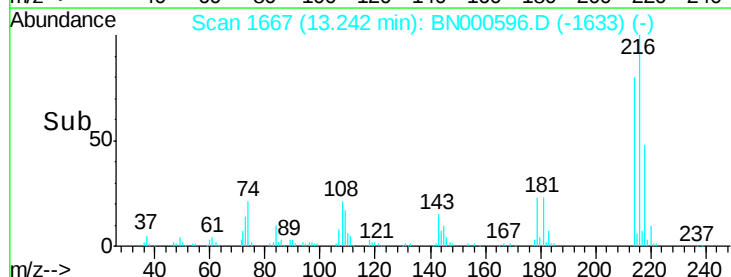
150000

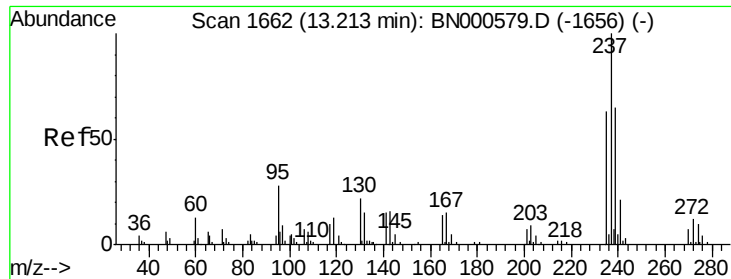
100000

50000

0

Time--> 13.20 13.25 13.30

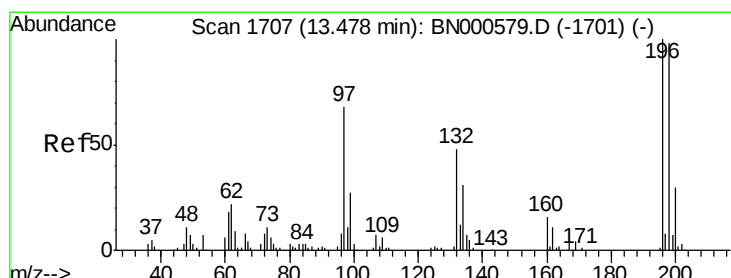
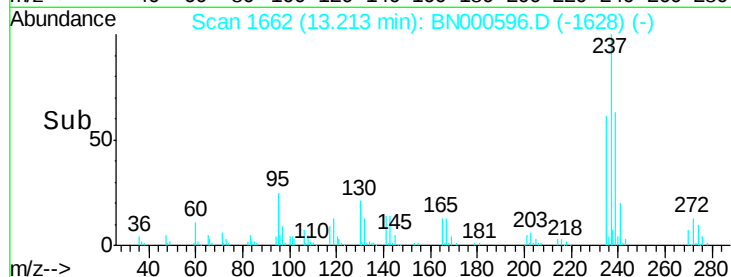
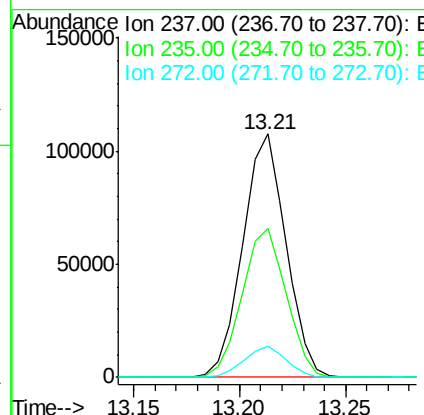
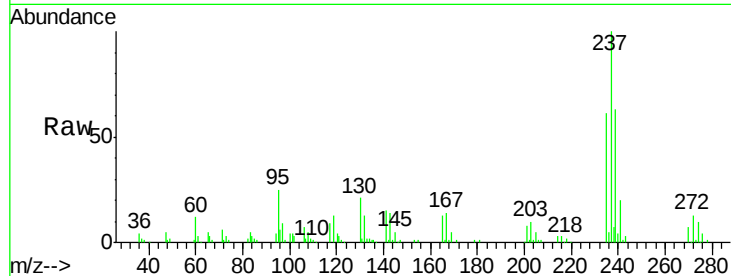




#37
Hexachlorocyclopentadiene
Concen: 21.141 ng/ul
RT: 13.21 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BN000596.D
Acq: 24 Mar 2018 01:42

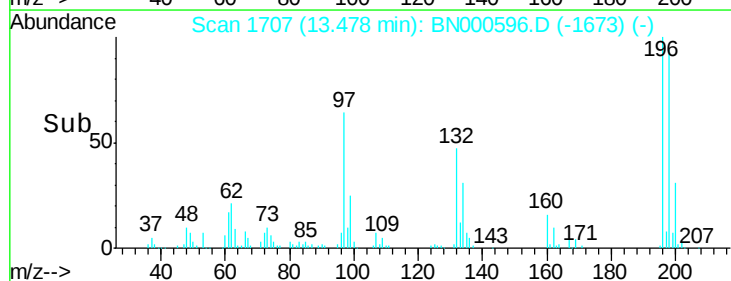
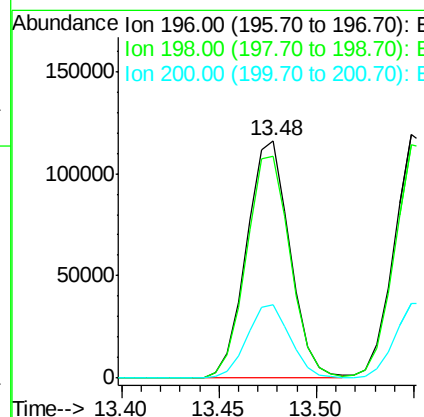
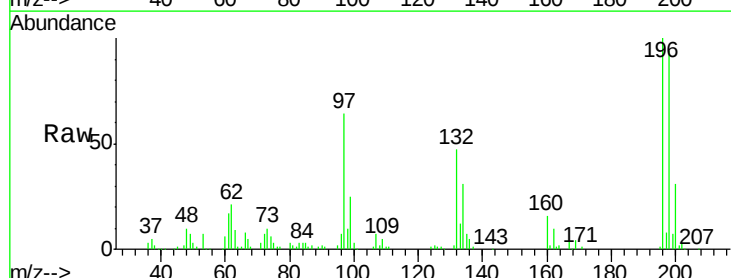
Instrument :
BNA_N
ClientSampled :
SSTD02032

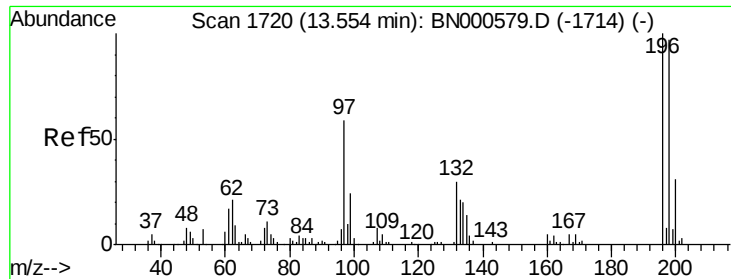
Tot Ion:237 Resp: 152757
Ion Ratio Lower Upper
237 100
235 61.1 49.5 74.3
272 12.6 8.6 12.8



#38
2,4,6-Trichlorophenol
Concen: 18.944 ng/ul
RT: 13.48 min Scan# 1707
Delta R.T. -0.00 min
Lab File: BN000596.D
Acq: 24 Mar 2018 01:42

Tgt Ion:196 Resp: 178053
Ion Ratio Lower Upper
196 100
198 93.7 75.9 113.9
200 30.7 25.8 38.6

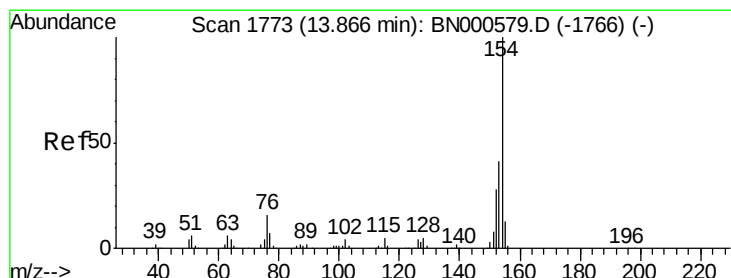
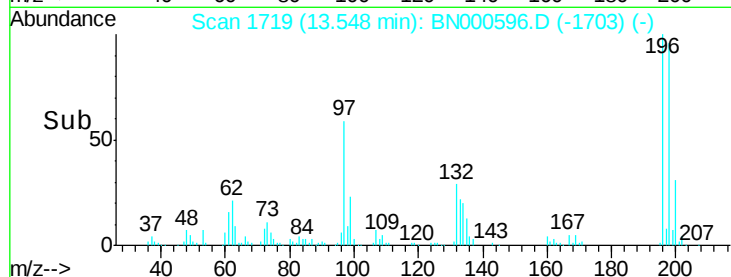
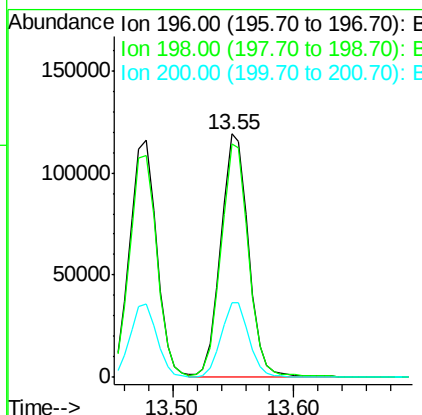
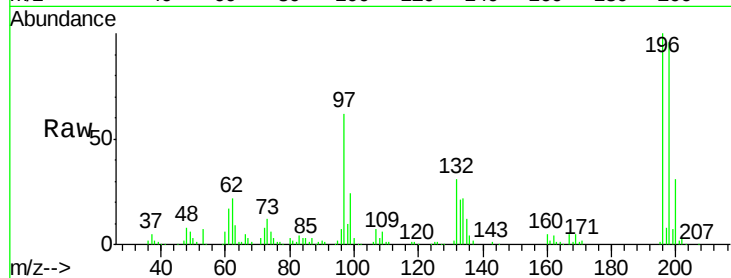




#39
 2,4,5-Trichlorophenol
 Concen: 19.065 ng/ul
 RT: 13.55 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BN000596.D
 Acq: 24 Mar 2018 01:42

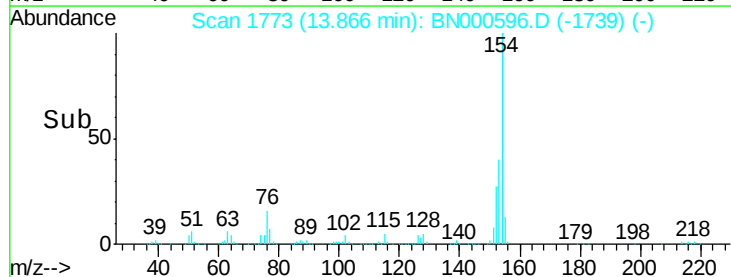
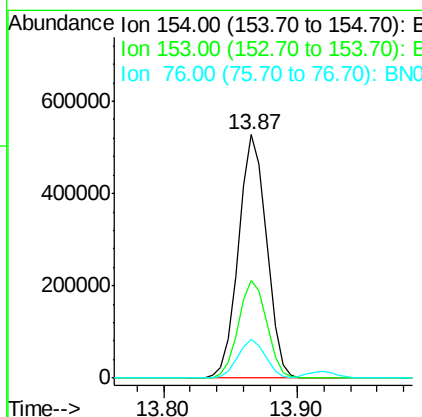
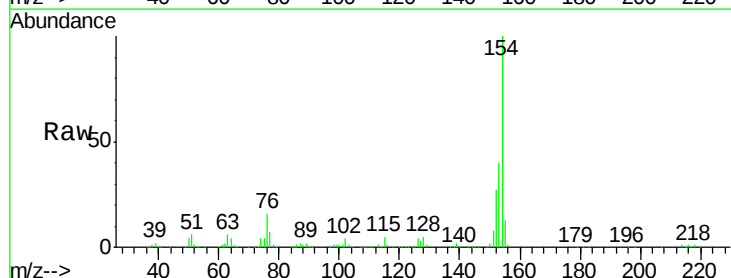
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02032

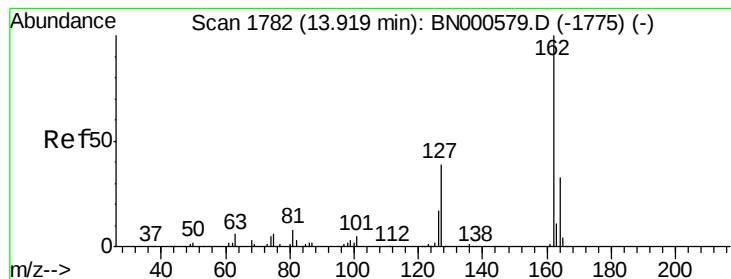
Tot Ion:196 Resp: 186843
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.7 112.1
 200 30.6 25.4 38.0



#40
 1,1'-Biphenyl
 Concen: 19.497 ng/ul
 RT: 13.87 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BN000596.D
 Acq: 24 Mar 2018 01:42

Tgt Ion:154 Resp: 765515
 Ion Ratio Lower Upper
 154 100
 153 40.1 34.0 51.0
 76 15.7 8.4 12.6#





#41

2-Chloronaphthalene

Concen: 19.392 ng/ul

RT: 13.92 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

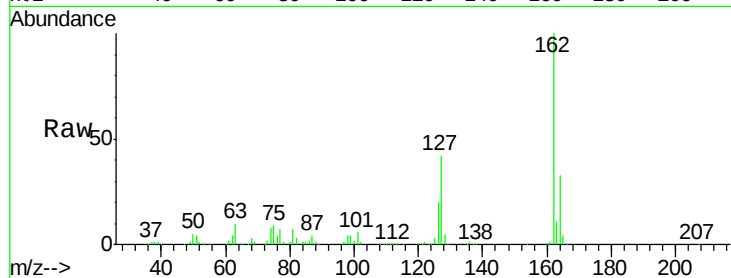
Tot Ion:162 Resp: 586936

Ion Ratio Lower Upper

162 100

164 32.6 26.2 39.4

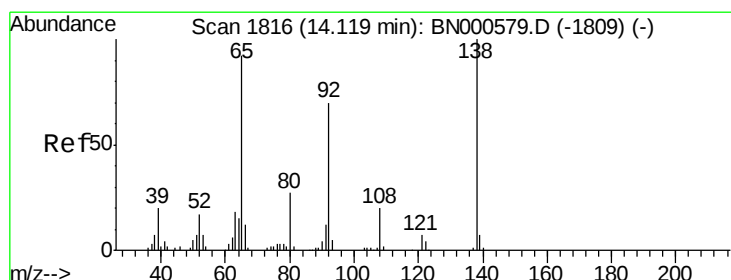
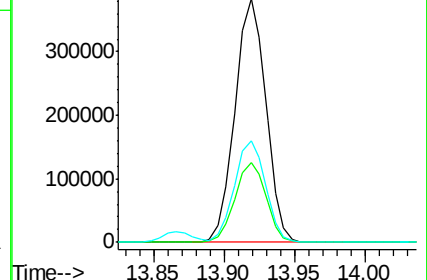
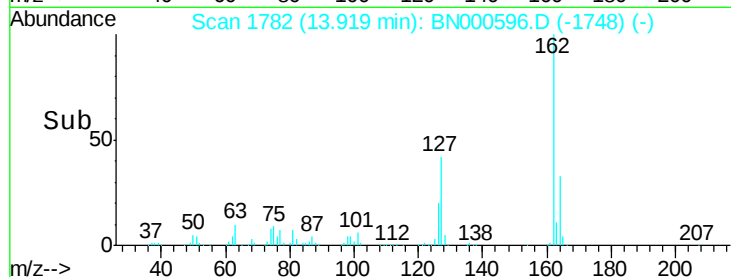
127 41.7 29.5 44.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#42

2-Nitroaniline

Concen: 20.050 ng/ul

RT: 14.11 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

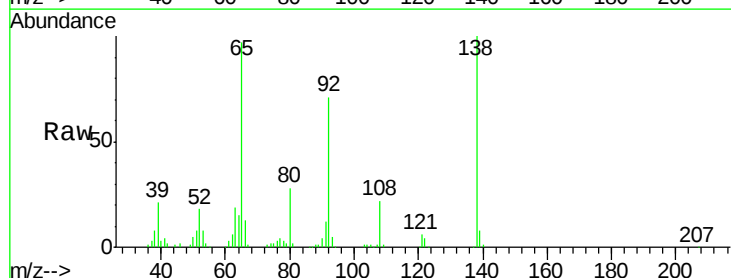
Tgt Ion: 65 Resp: 183868

Ion Ratio Lower Upper

65 100

92 73.2 57.0 85.4

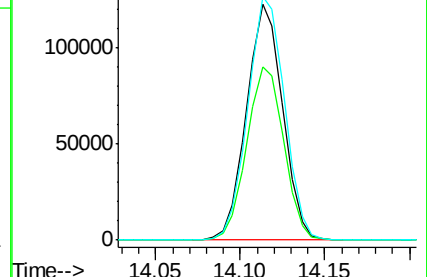
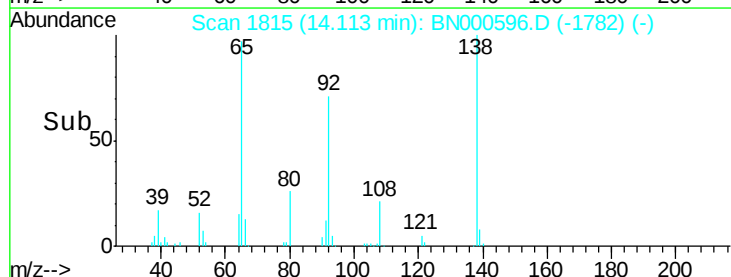
138 103.1 87.2 130.8

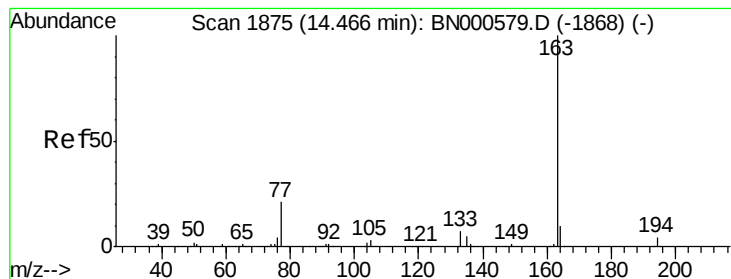


Abundance Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC

Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 20.090 ng/ul

RT: 14.47 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

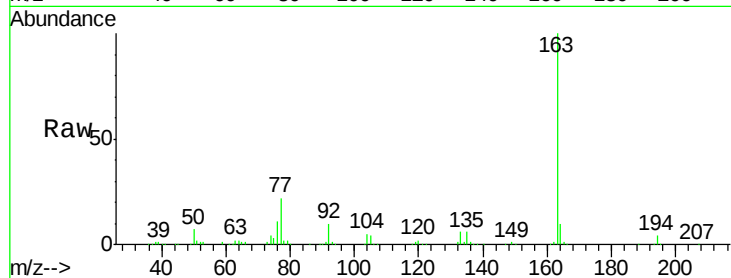
Tot Ion:163 Resp: 724101

Ion Ratio Lower Upper

163 100

194 3.9 4.0 6.0#

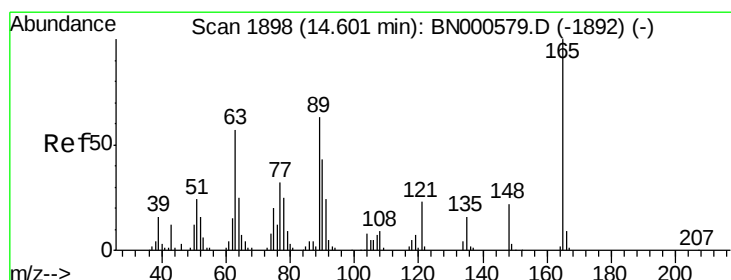
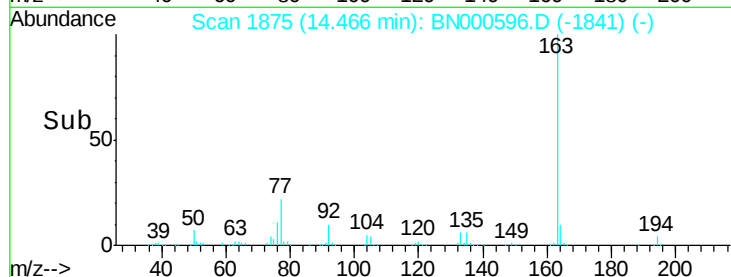
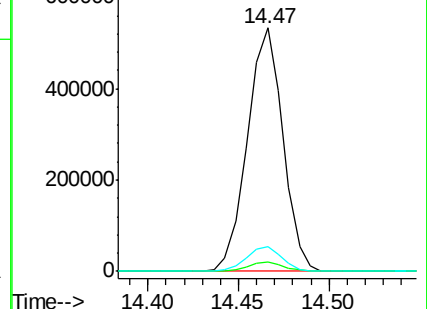
164 10.0 8.4 12.6



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: 20.545 ng/ul

RT: 14.60 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

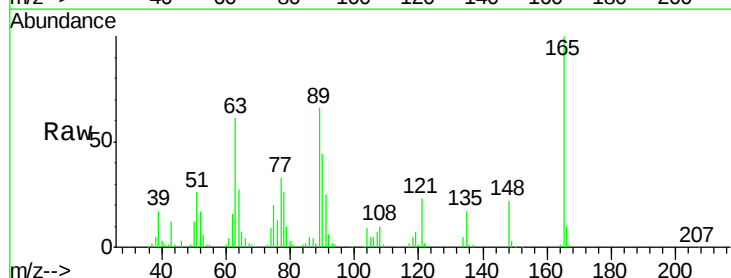
Tgt Ion:165 Resp: 149224

Ion Ratio Lower Upper

165 100

89 66.1 43.8 65.8#

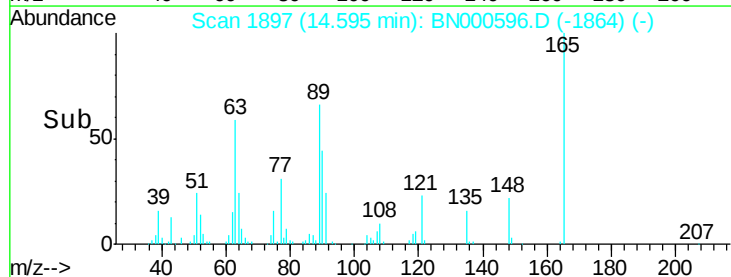
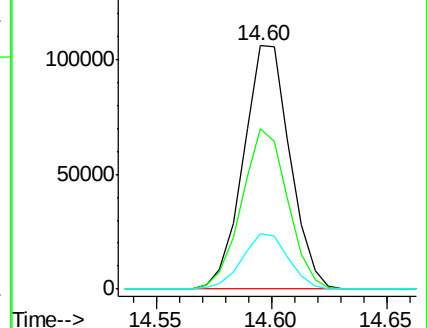
121 22.9 17.8 26.6

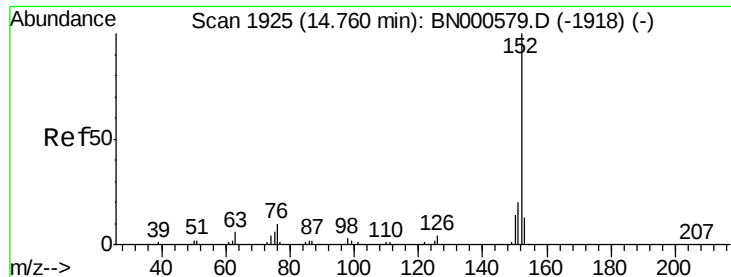


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.618 ng/ul

RT: 14.76 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

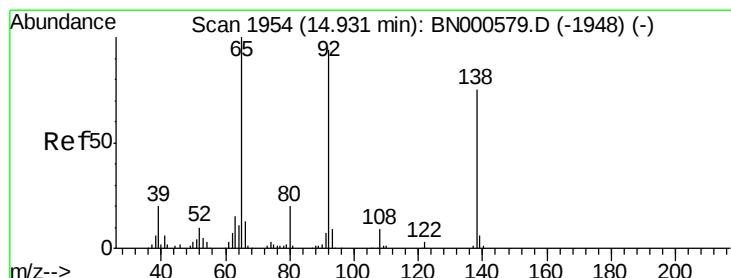
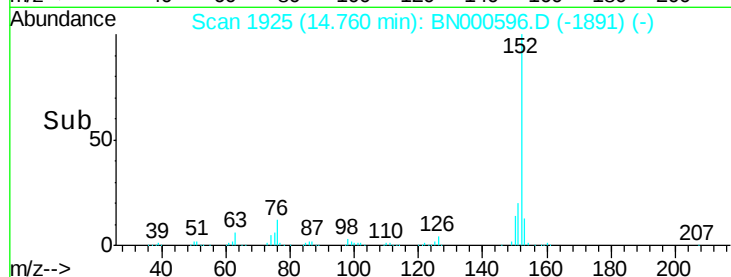
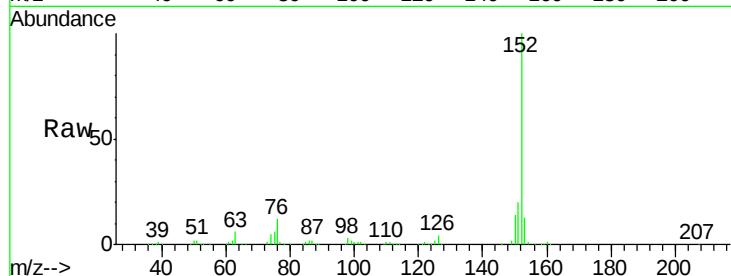
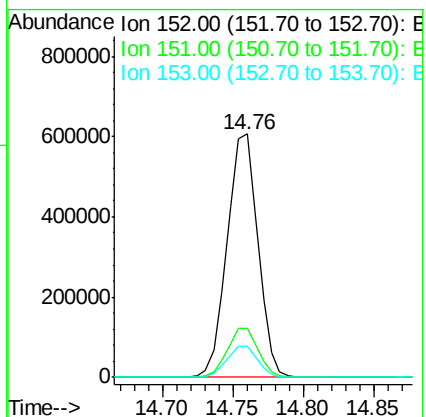
BNA_N

ClientSampleId :

SSTD02032

Tot Ion:152 Resp: 923852

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	12.9	10.8	16.2



#48

3-Nitroaniline

Concen: 21.734 ng/ul

RT: 14.93 min Scan# 1954

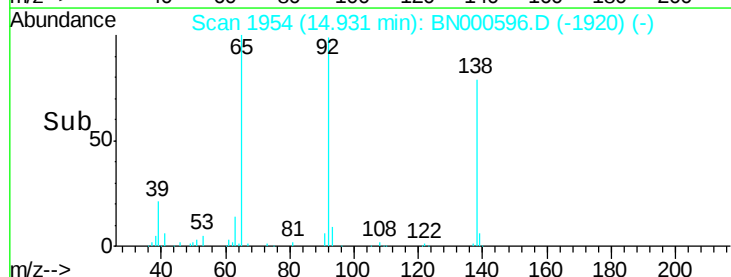
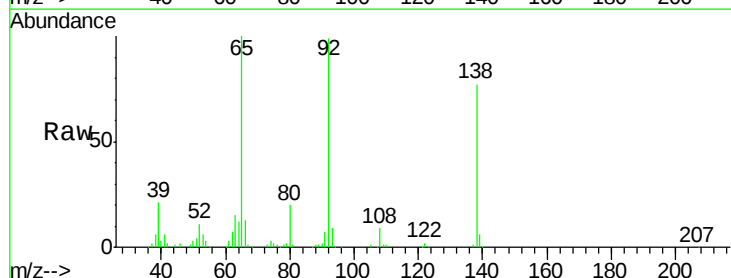
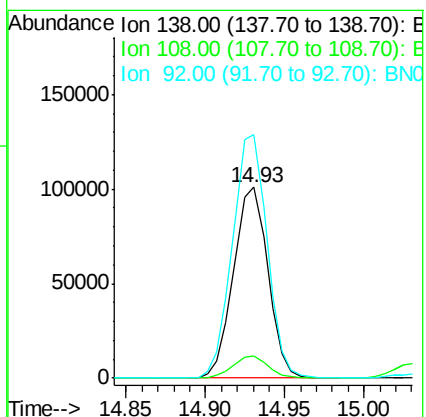
Delta R.T. -0.00 min

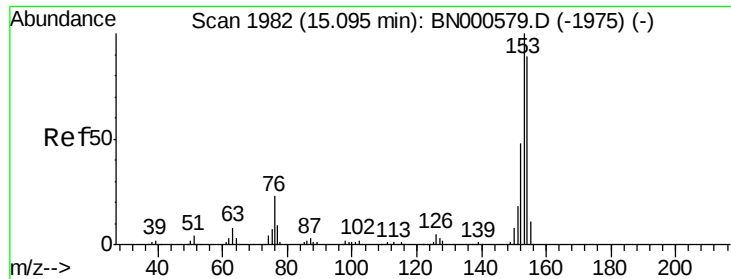
Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Tgt Ion:138 Resp: 152410

Ion	Ratio	Lower	Upper
138	100		
108	11.6	7.6	11.4#
92	127.5	94.2	141.2





#49

Acenaphthene

Concen: 19.562 ng/ul

RT: 15.10 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampled :

SSTD02032

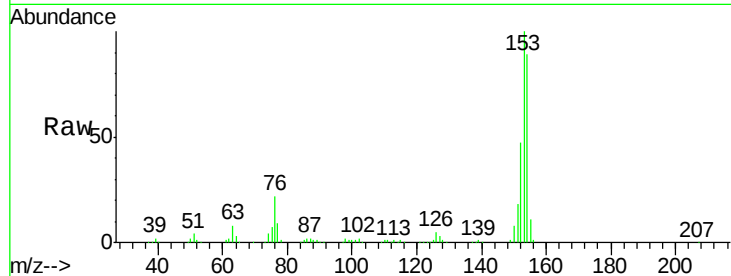
Tot Ion:153 Resp: 628119

Ion Ratio Lower Upper

153 100

152 47.0 37.9 56.9

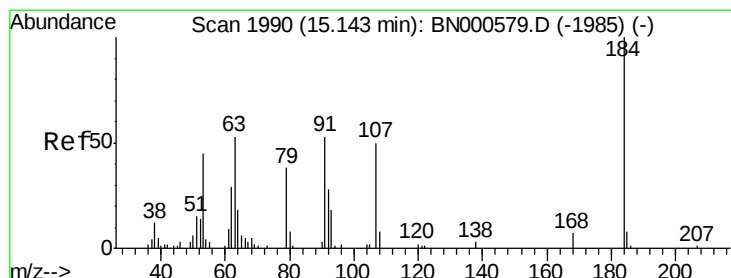
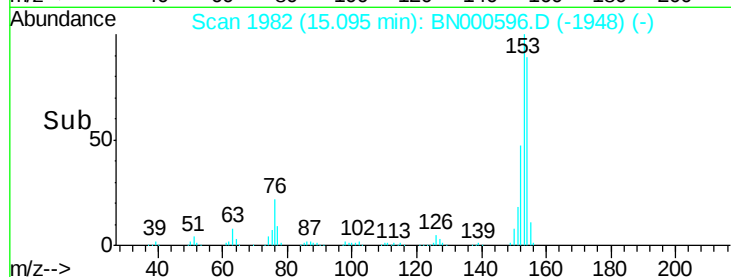
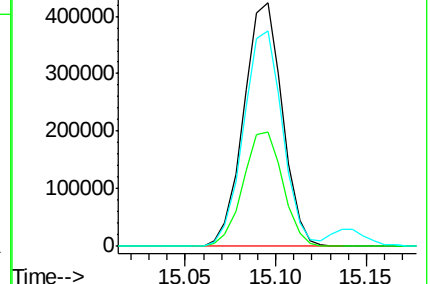
154 88.6 69.8 104.6



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: 19.277 ng/ul

RT: 15.14 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

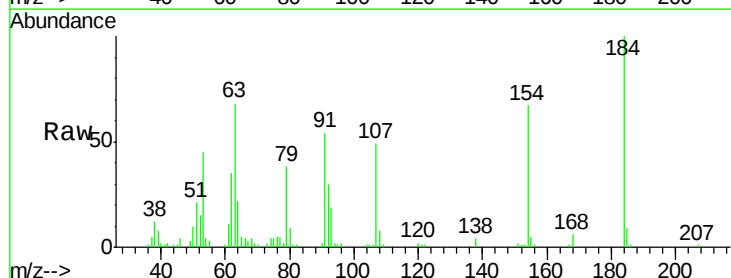
Tgt Ion:184 Resp: 66056

Ion Ratio Lower Upper

184 100

63 68.2 39.7 59.5#

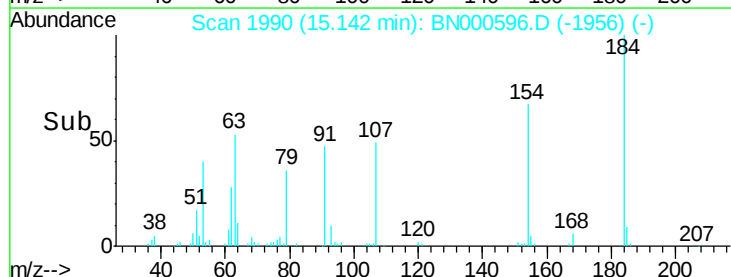
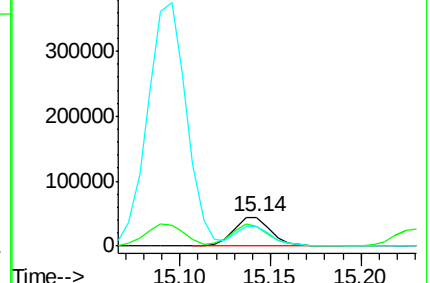
154 67.2 45.0 67.6

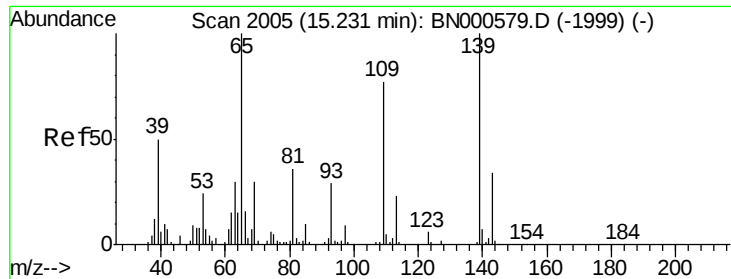


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.788 ng/ul

RT: 15.23 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

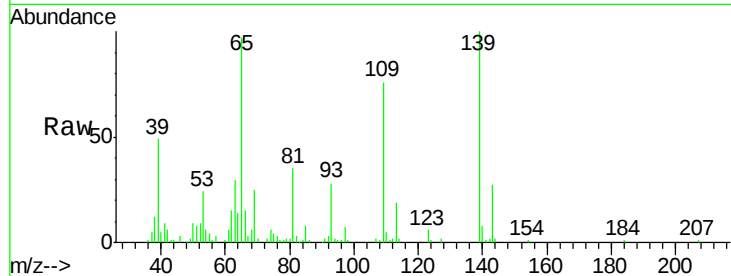
Tot Ion:109 Resp: 103464

Ion Ratio Lower Upper

109 100

139 131.5 91.2 136.8

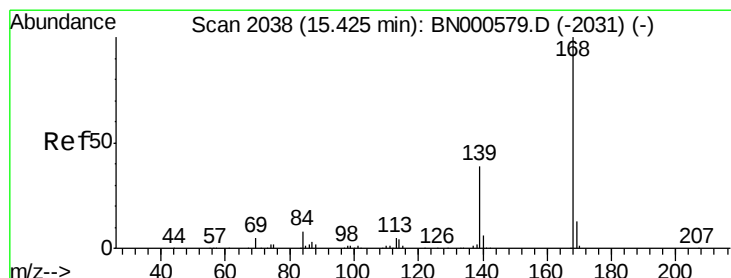
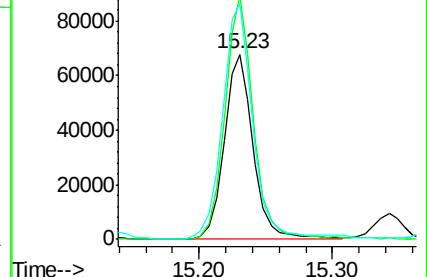
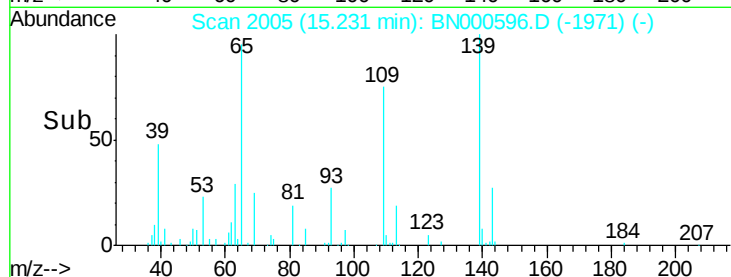
65 127.6 92.6 139.0



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: 19.949 ng/ul

RT: 15.42 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BN000596.D

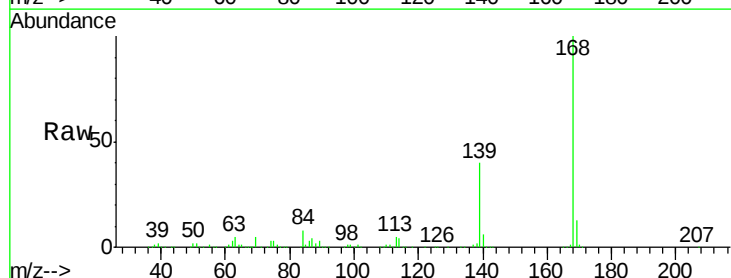
Acq: 24 Mar 2018 01:42

Tgt Ion:168 Resp: 869969

Ion Ratio Lower Upper

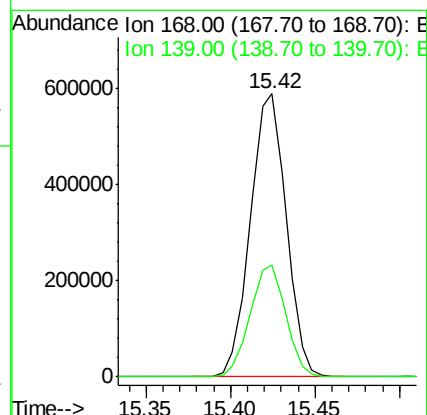
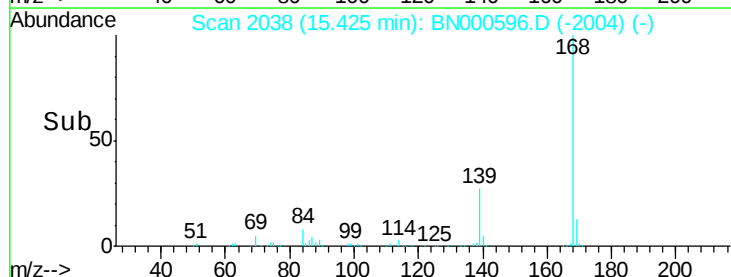
168 100

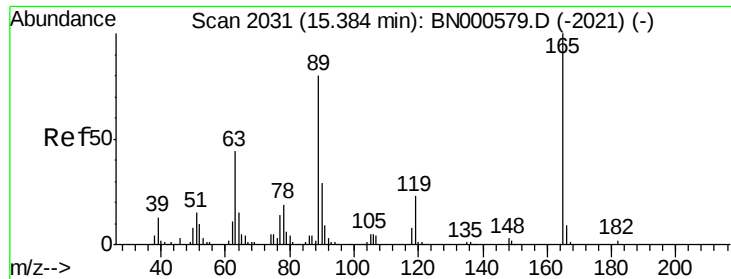
139 39.6 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

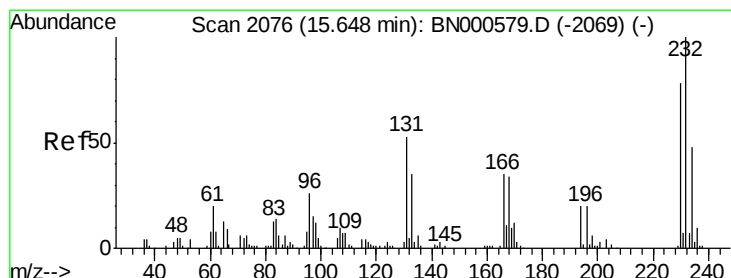
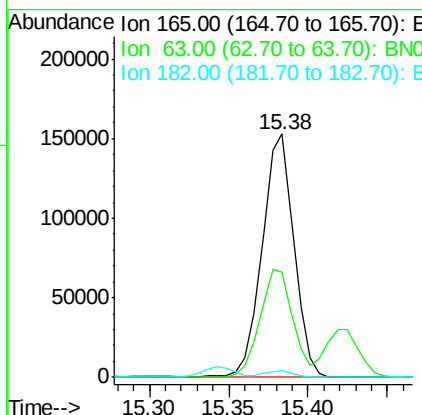
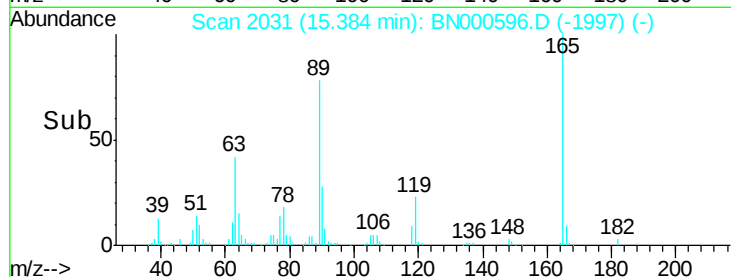
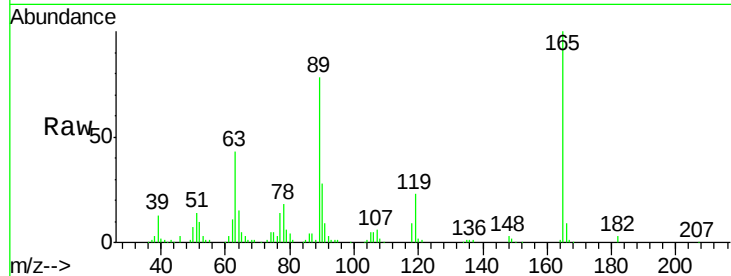




#54
 2,4-Dinitrotoluene
 Concen: 20.888 ng/ul
 RT: 15.38 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BN000596.D
 Acq: 24 Mar 2018 01:42

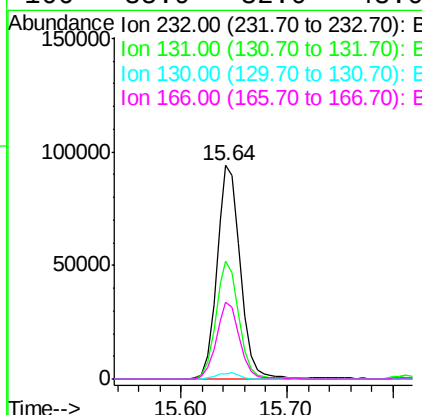
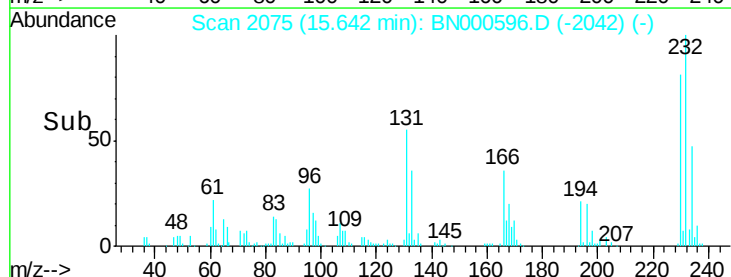
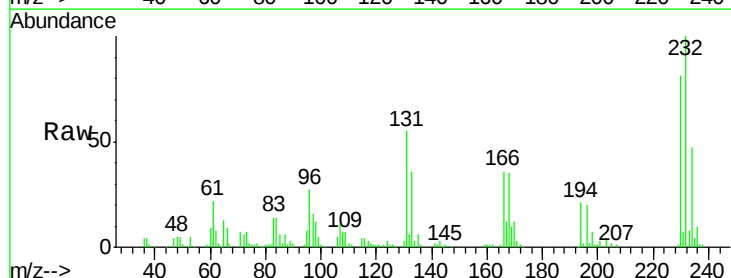
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02032

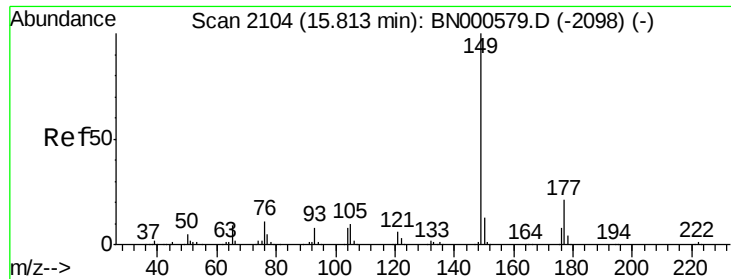
Tot Ion:	165	Resp:	215085
Ion Ratio	Lower	Upper	
165	100		
63	43.0	31.4	47.0
182	2.7	2.7	4.1#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.418 ng/ul
 RT: 15.64 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BN000596.D
 Acq: 24 Mar 2018 01:42

Tgt Ion:	232	Resp:	145325
Ion Ratio	Lower	Upper	
232	100		
131	55.1	48.0	72.0
130	2.6	4.0	6.0#
166	35.9	32.0	48.0

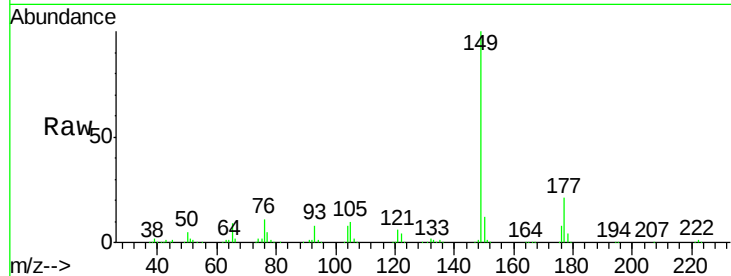




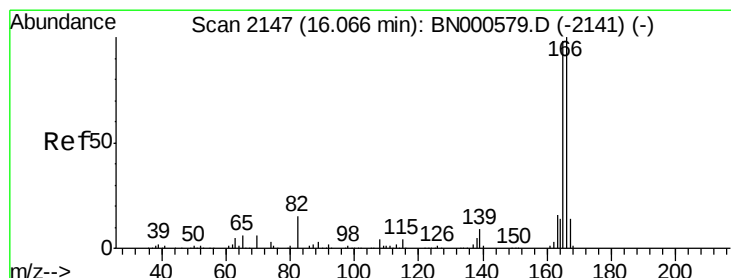
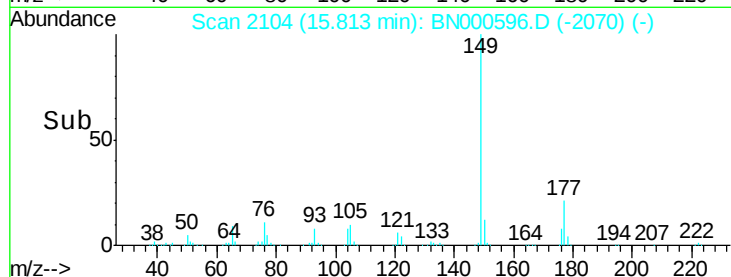
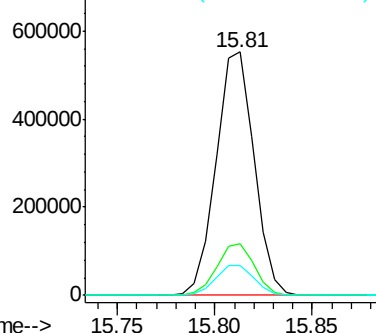
#56
Diethylphthalate
Concen: 20.309 ng/ul
RT: 15.81 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BN000596.D
Acq: 24 Mar 2018 01:42

Instrument :
BNA_N
ClientSampleId :
SSTD02032

Tot Ion:149 Resp: 747160
Ion Ratio Lower Upper
149 100
177 21.4 19.3 28.9
150 12.3 10.6 15.8

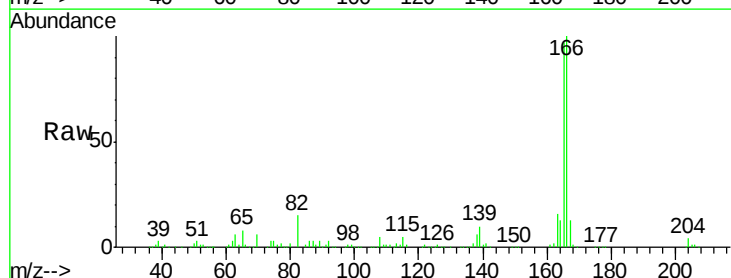


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

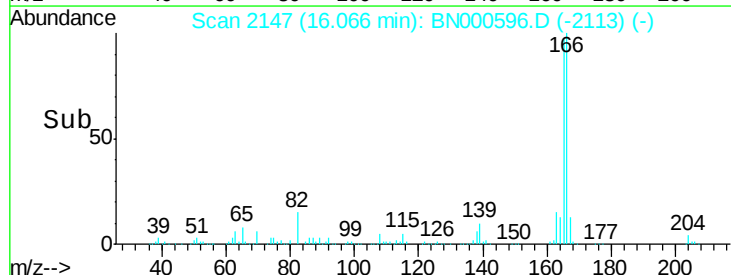
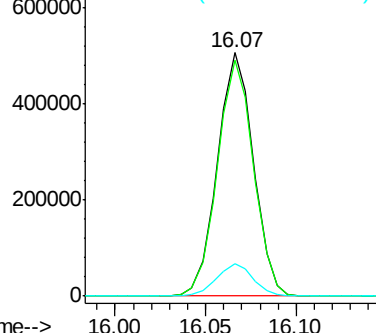


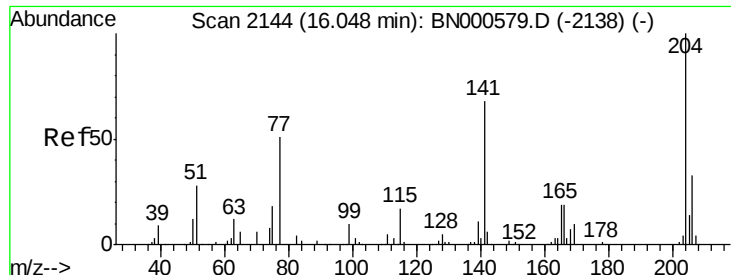
#58
Fluorene
Concen: 20.083 ng/ul
RT: 16.07 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BN000596.D
Acq: 24 Mar 2018 01:42

Tgt Ion:166 Resp: 695995
Ion Ratio Lower Upper
166 100
165 97.1 78.4 117.6
167 13.4 11.1 16.7



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

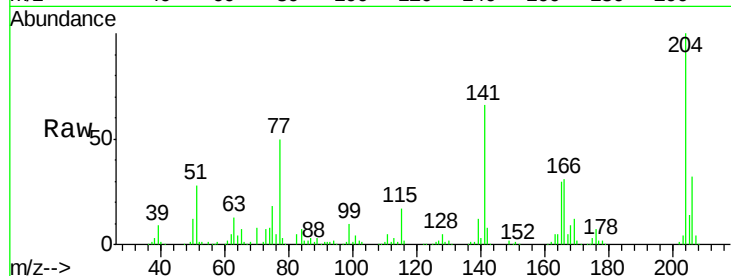




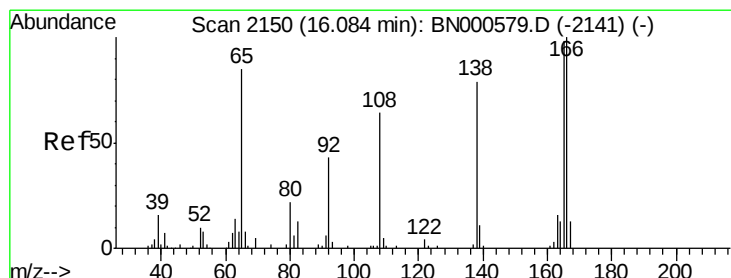
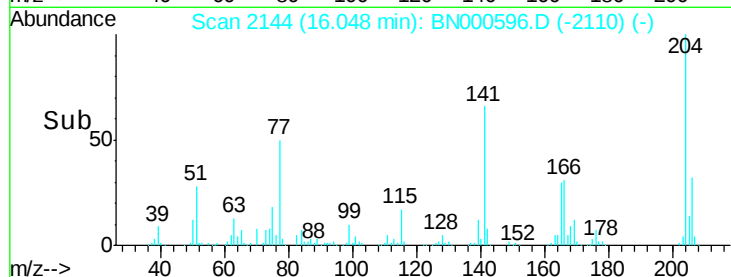
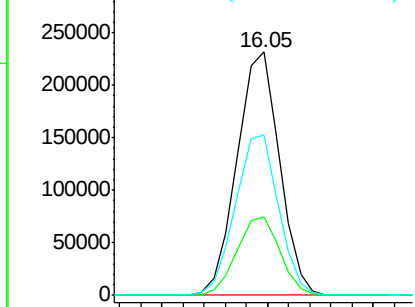
#59
4-Chlorophenyl-phenylether
Concen: 20.203 ng/ul
RT: 16.05 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BN000596.D
Acq: 24 Mar 2018 01:42

Instrument :
BNA_N
ClientSampleId :
SSTD02032

Tot Ion:204 Resp: 323517
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 66.1 40.7 61.1#

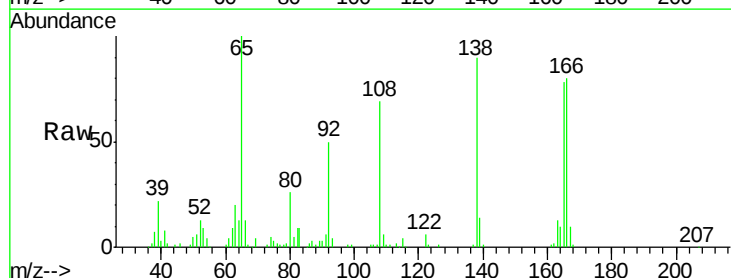


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

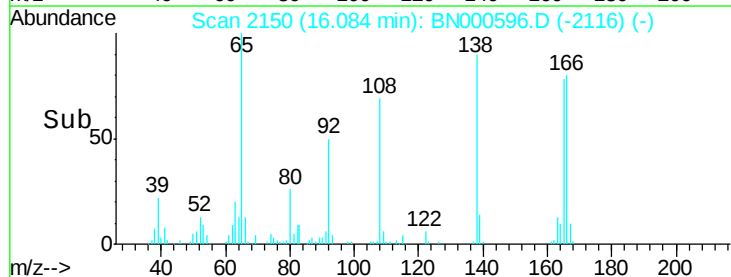
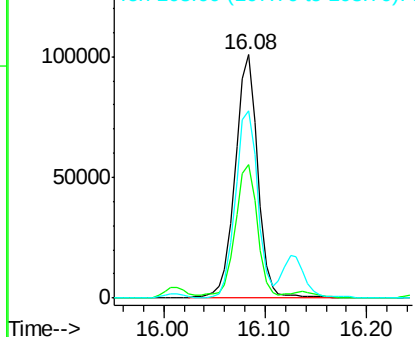


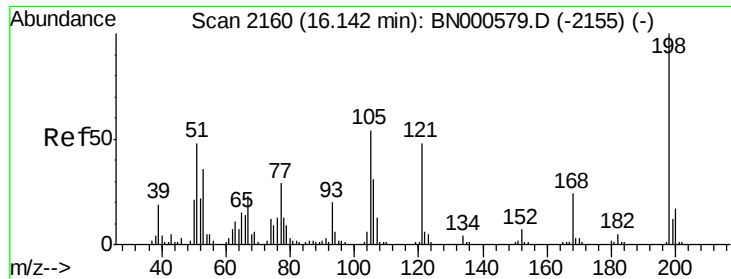
#60
4-Nitroaniline
Concen: 19.975 ng/ul
RT: 16.08 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BN000596.D
Acq: 24 Mar 2018 01:42

Tgt Ion:138 Resp: 157369
Ion Ratio Lower Upper
138 100
92 55.0 38.2 57.4
108 76.9 70.0 105.0



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

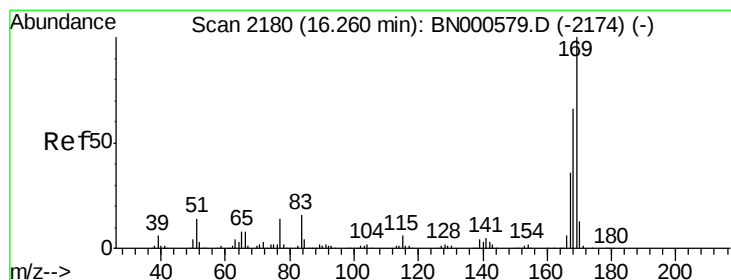
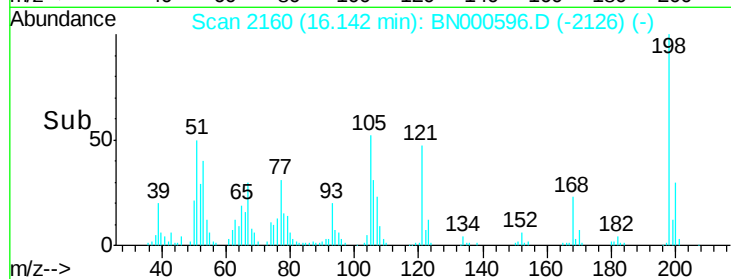
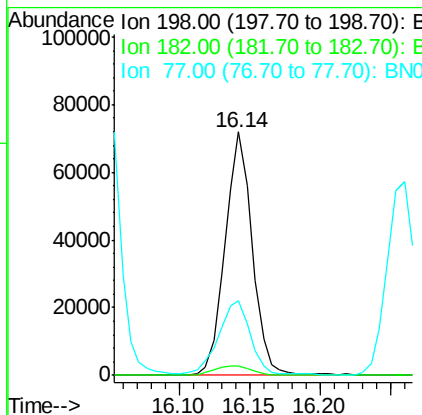
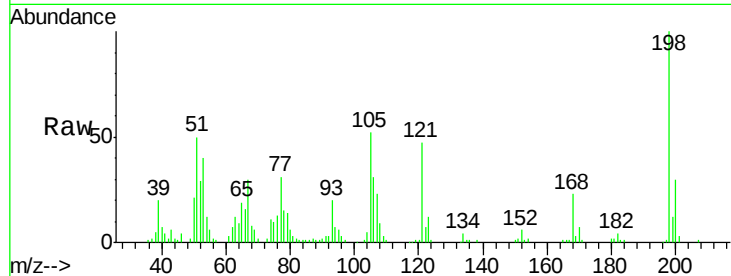




#63
 4,6-Dinitro-2-methylphenol
 Concen: 16.337 ng/ul
 RT: 16.14 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BN000596.D
 Acq: 24 Mar 2018 01:42

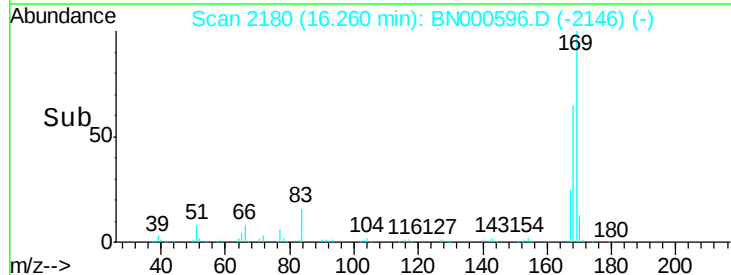
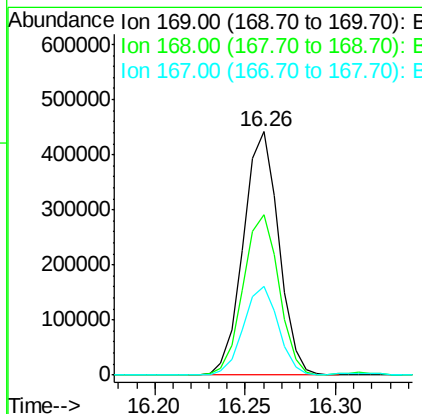
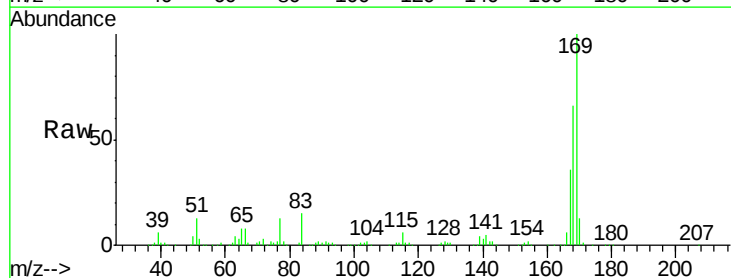
Instrument :
 BNA_N
 ClientSampleId :
 SST02032

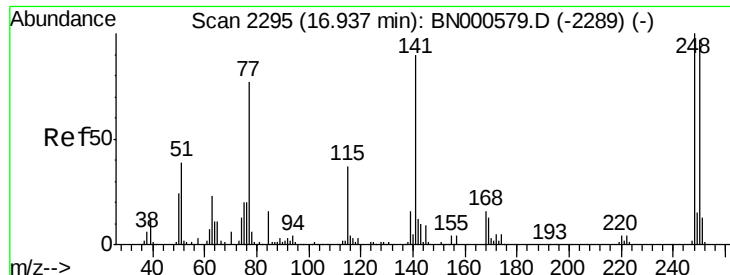
Tot Ion:198 Resp: 96537
 Ion Ratio Lower Upper
 198 100
 182 4.0 3.5 5.3
 77 30.5 18.2 27.4#



#64
 N-Nitrosodiphenylamine
 Concen: 18.668 ng/ul
 RT: 16.26 min Scan# 2180
 Delta R.T. -0.00 min
 Lab File: BN000596.D
 Acq: 24 Mar 2018 01:42

Tgt Ion:169 Resp: 601048
 Ion Ratio Lower Upper
 169 100
 168 65.9 53.8 80.8
 167 36.3 29.5 44.3

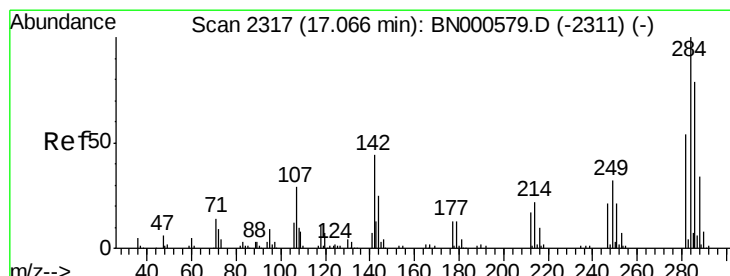
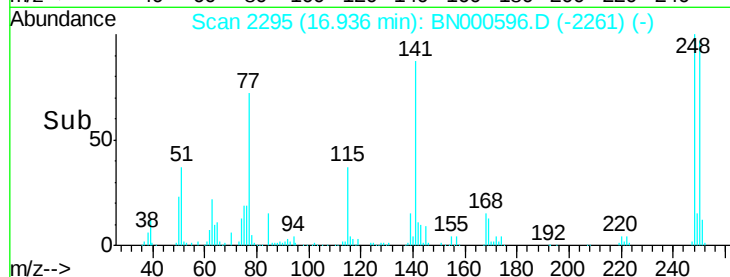
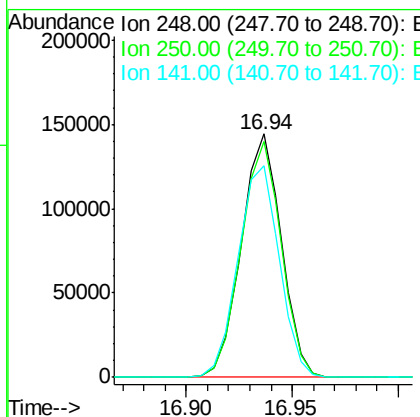
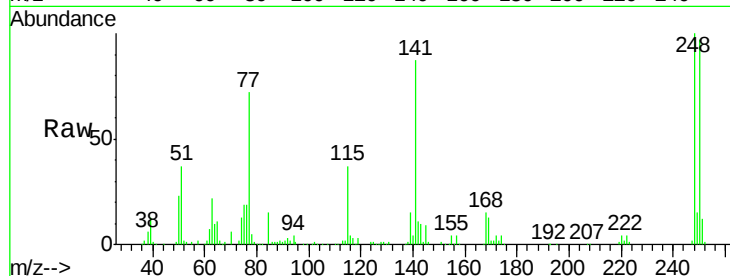




#65
4-Bromophenyl-phenylether
Concen: 19.074 ng/ul
RT: 16.94 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BN000596.D
Acq: 24 Mar 2018 01:42

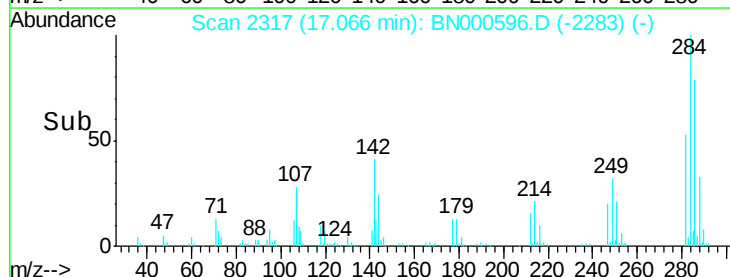
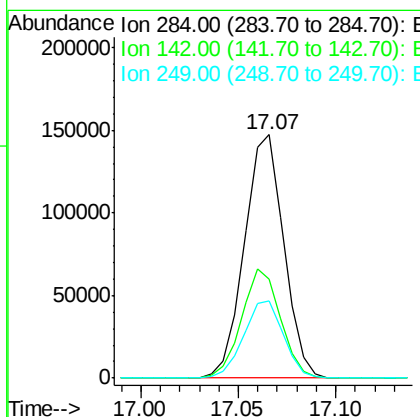
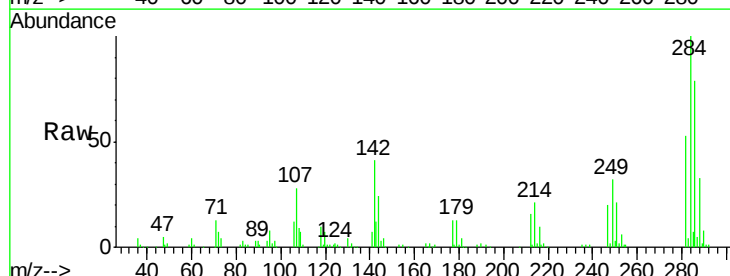
Instrument :
BNA_N
ClientSampleId :
SSTD02032

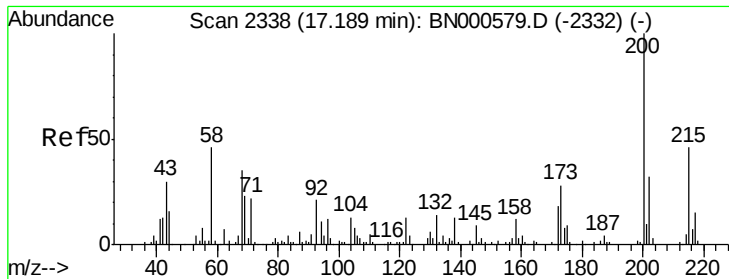
Tot Ion:248 Resp: 190004
Ion Ratio Lower Upper
248 100
250 96.9 79.0 118.4
141 86.9 51.9 77.9#



#66
Hexachlorobenzene
Concen: 19.580 ng/ul
RT: 17.07 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BN000596.D
Acq: 24 Mar 2018 01:42

Tgt Ion:284 Resp: 205952
Ion Ratio Lower Upper
284 100
142 40.6 21.3 31.9#
249 31.9 26.3 39.5





#67

Atrazine

Concen: 21.009 ng/ul

RT: 17.19 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

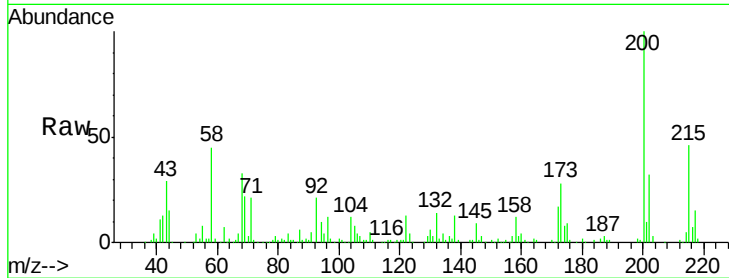
Tot Ion:200 Resp: 204007

Ion Ratio Lower Upper

200 100

173 28.1 20.6 31.0

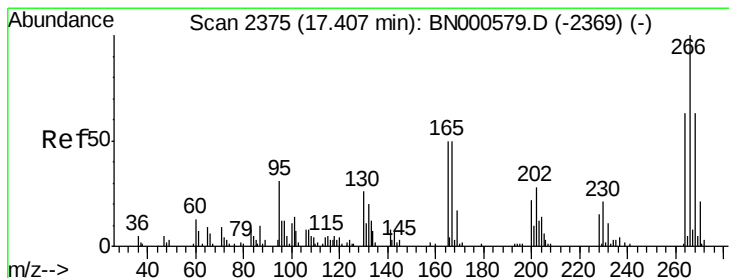
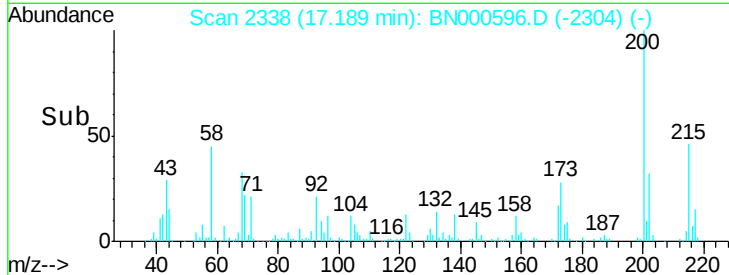
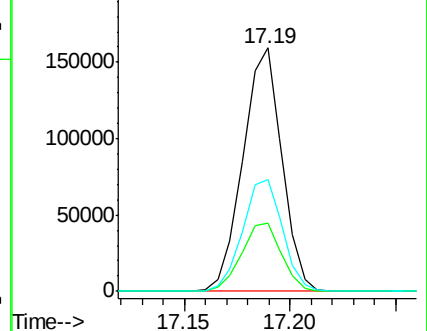
215 45.9 39.8 59.6



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: 19.237 ng/ul

RT: 17.40 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

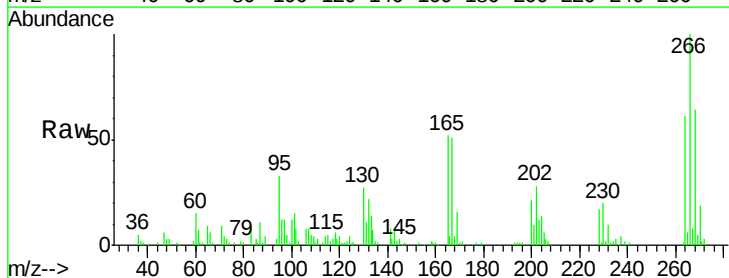
Tgt Ion:266 Resp: 106821

Ion Ratio Lower Upper

266 100

264 60.6 48.2 72.4

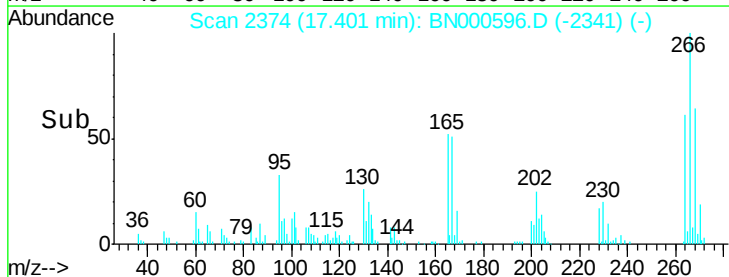
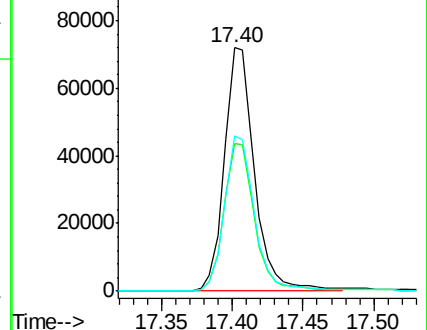
268 63.7 52.3 78.5

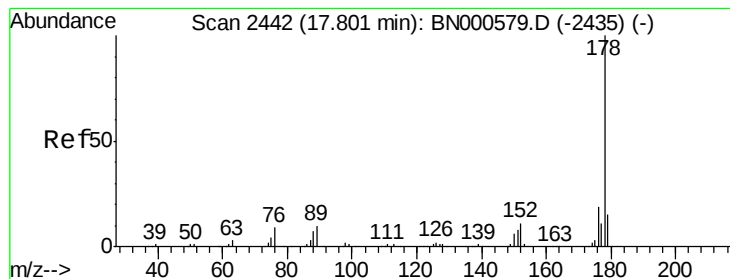


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 19.296 ng/ul

RT: 17.80 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

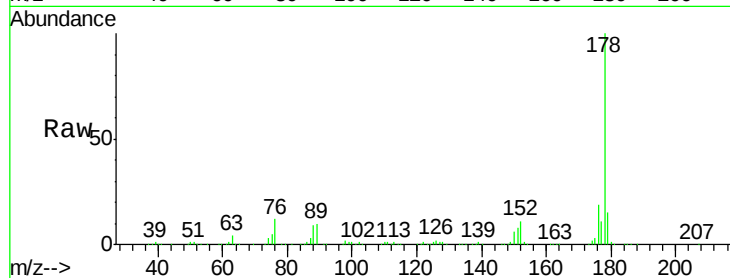
BNA_N

ClientSampleId :

SSTD02032

Tot Ion:178 Resp: 1086414

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.3	15.4	23.0

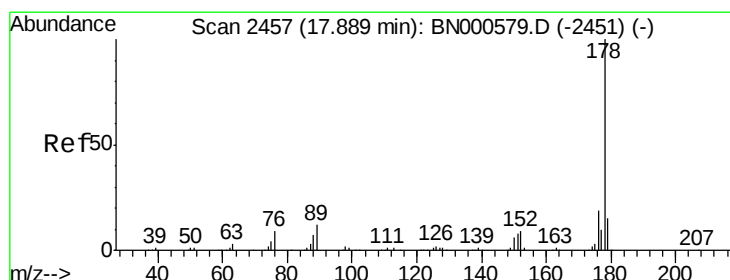
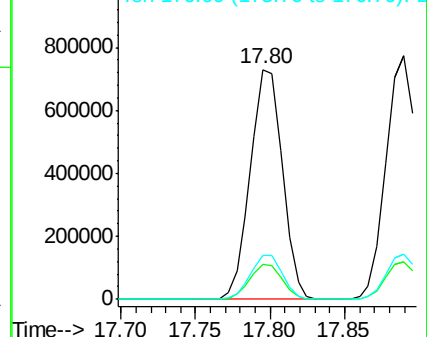
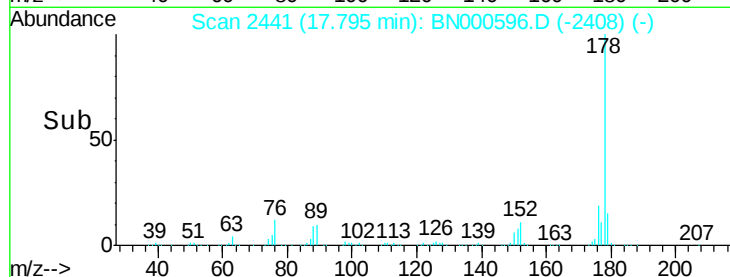


Abundance

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



#71

Anthracene

Concen: 19.173 ng/ul

RT: 17.89 min Scan# 2457

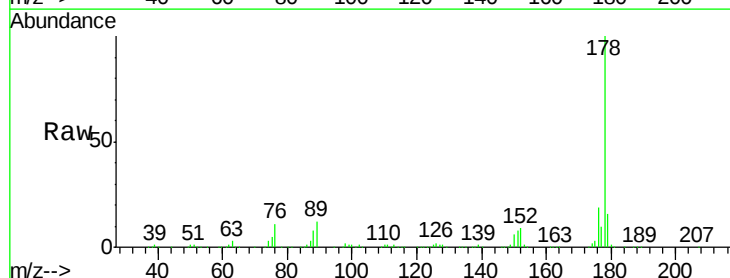
Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Tgt Ion:178 Resp: 1106862

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.7	15.4	23.0

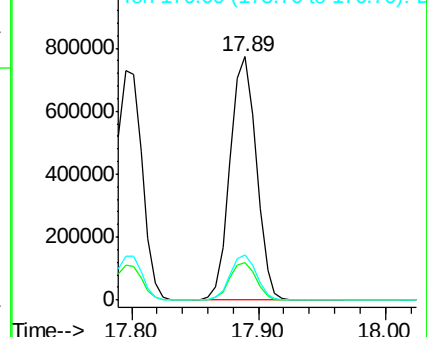
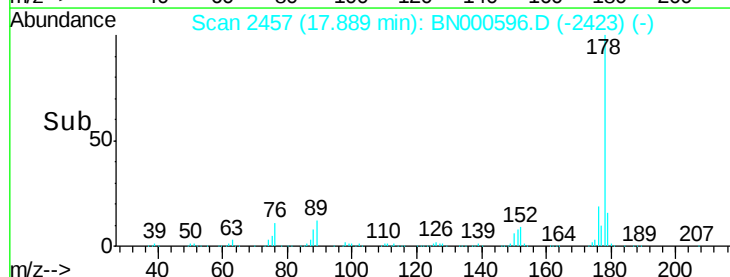


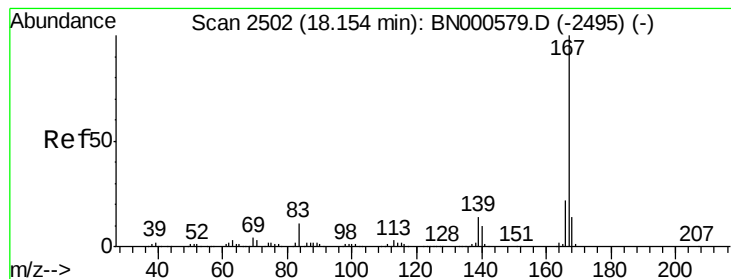
Abundance

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





#72

Carbazole

Concen: 20.089 ng/ul

RT: 18.15 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

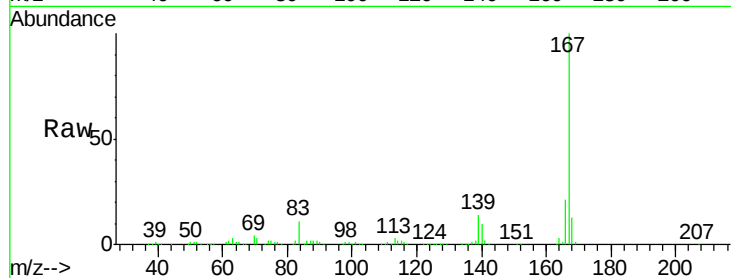
Tot Ion:167 Resp: 994559

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.4

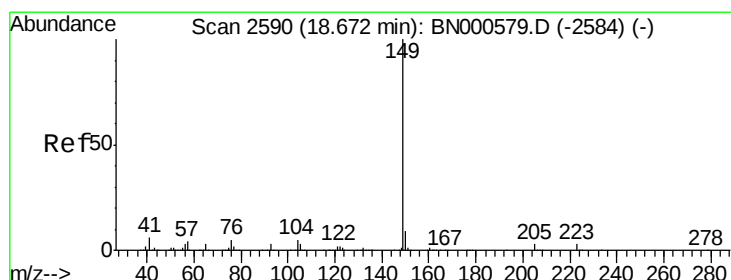
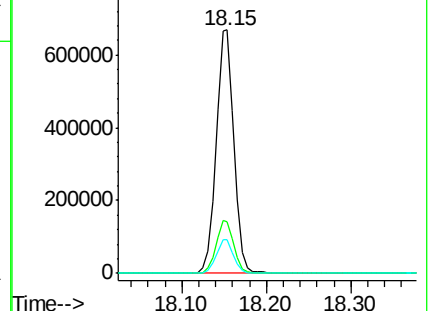
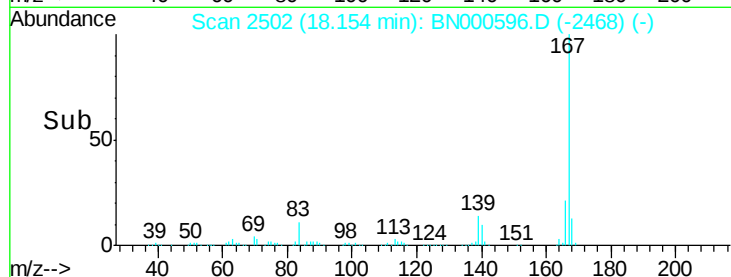
139 13.7 9.1 13.7



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



#73

Di-n-butylphthalate

Concen: 18.752 ng/ul

RT: 18.67 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

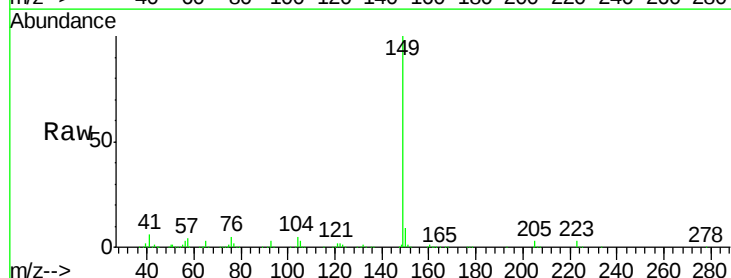
Tgt Ion:149 Resp: 1262480

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

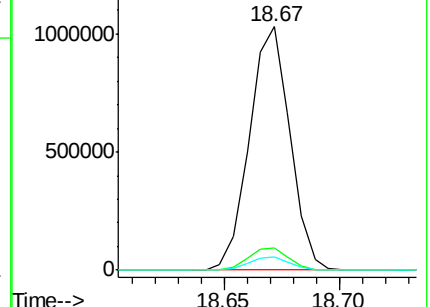
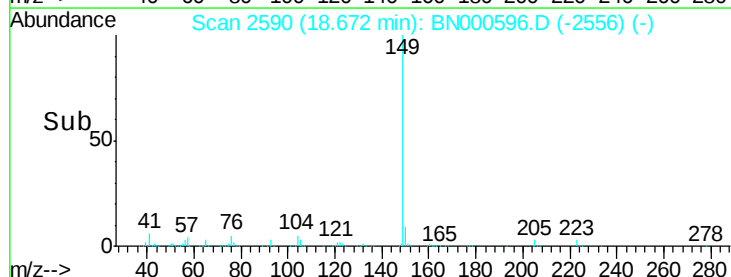
104 5.4 4.1 6.1

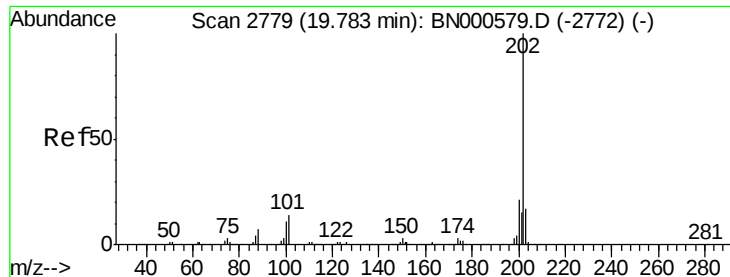


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 21.165 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. -0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

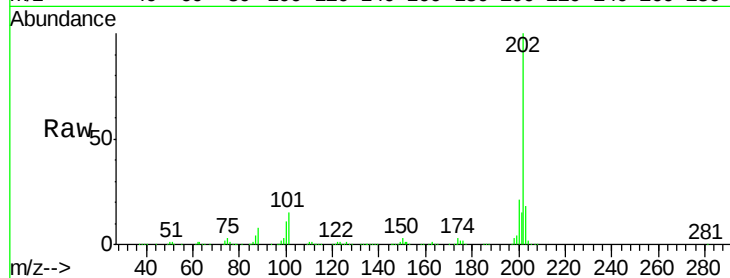
Tot Ion:202 Resp: 1184145

Ion Ratio Lower Upper

202 100

101 14.9 6.1 9.1#

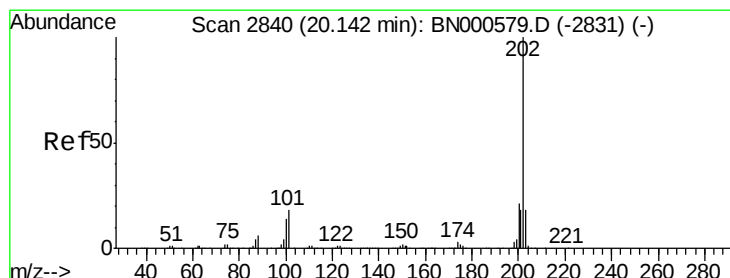
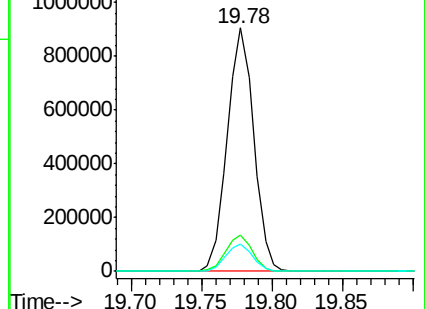
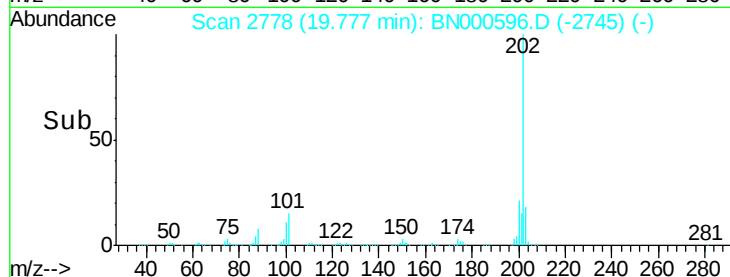
100 11.5 4.6 7.0#



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



#77

Pyrene

Concen: 18.431 ng/ul

RT: 20.14 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

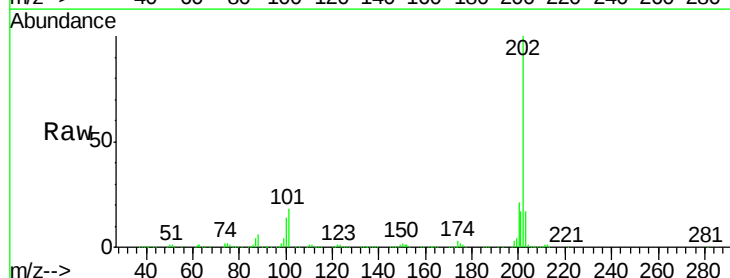
Tgt Ion:202 Resp: 1205526

Ion Ratio Lower Upper

202 100

101 17.7 6.9 10.3#

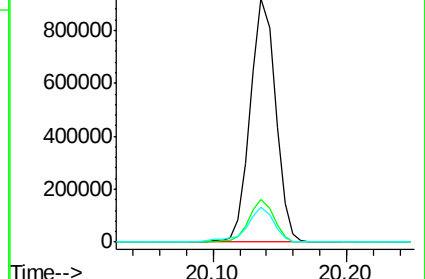
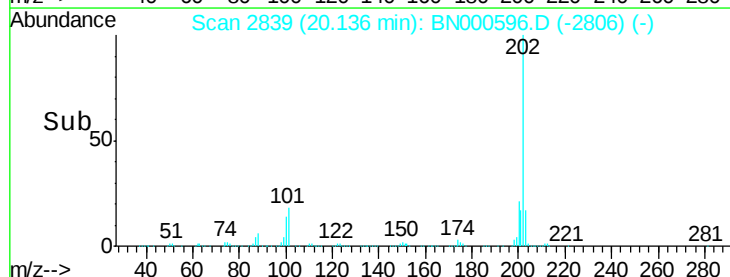
100 14.4 5.6 8.4#

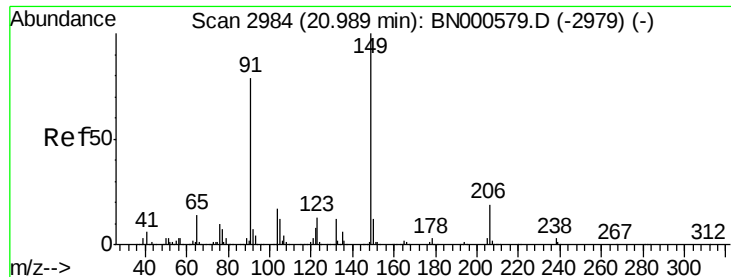


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 18.299 ng/ul

RT: 20.98 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

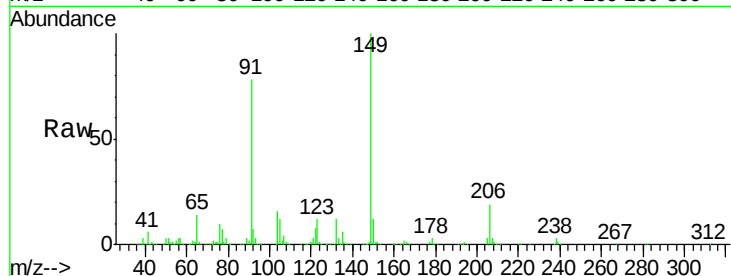
Tot Ion:149 Resp: 594522

Ion Ratio Lower Upper

149 100

91 78.4 53.4 80.0

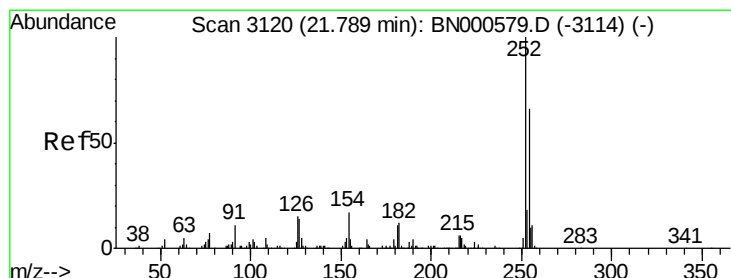
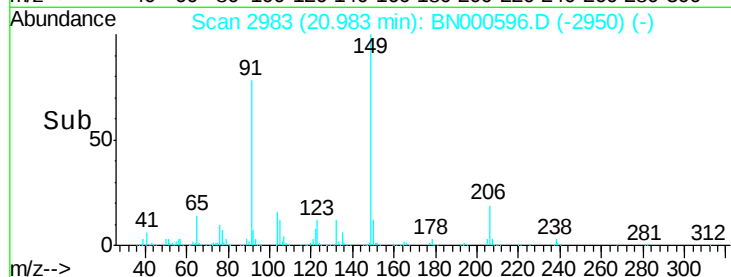
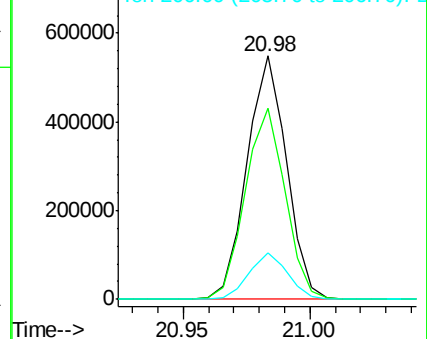
206 18.9 19.3 28.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNO

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 18.962 ng/ul

RT: 21.78 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

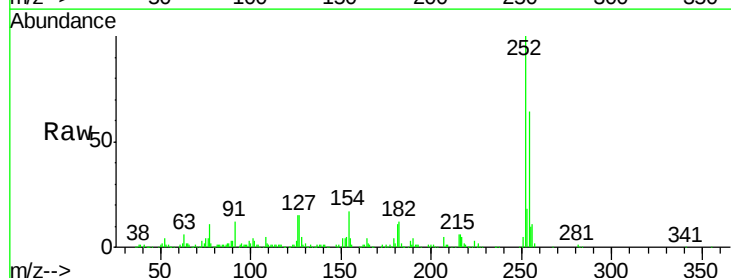
Tgt Ion:252 Resp: 331746

Ion Ratio Lower Upper

252 100

254 64.2 52.8 79.2

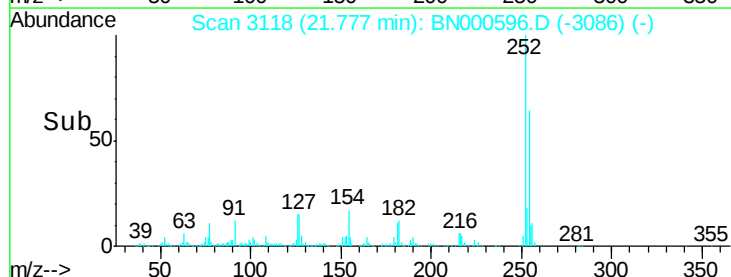
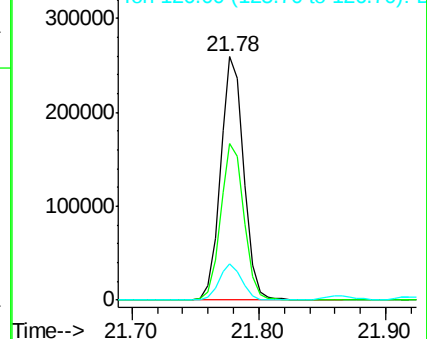
126 14.7 6.9 10.3#

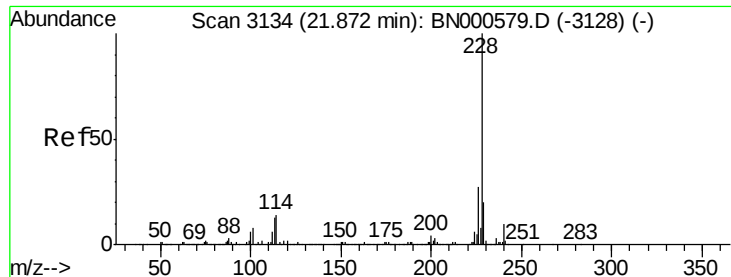


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 18.604 ng/ul

RT: 21.86 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

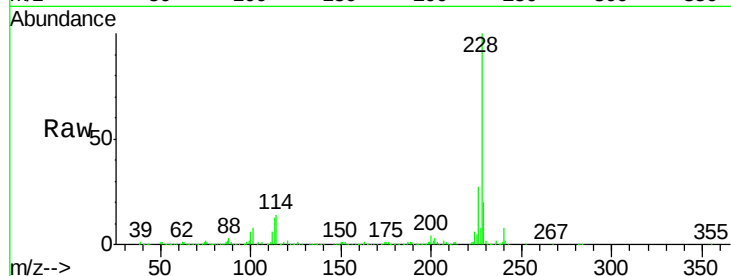
Tot Ion:228 Resp: 1110031

Ion Ratio Lower Upper

228 100

229 19.9 16.0 24.0

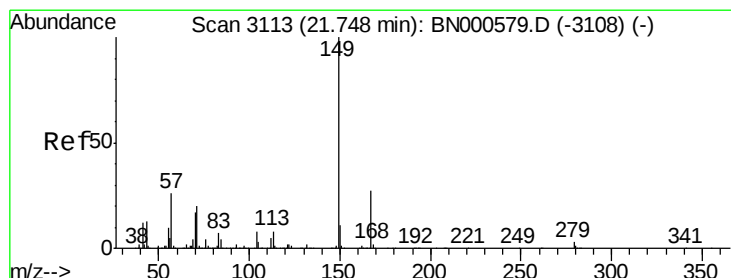
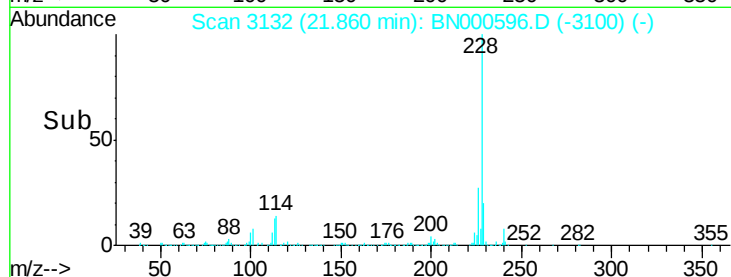
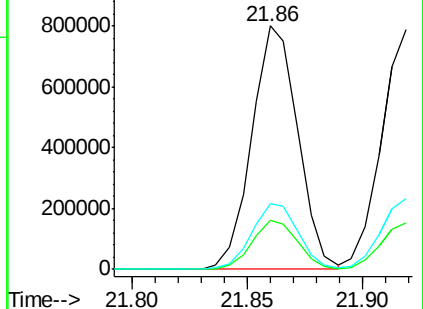
226 27.0 21.8 32.8



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 18.125 ng/ul

RT: 21.74 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

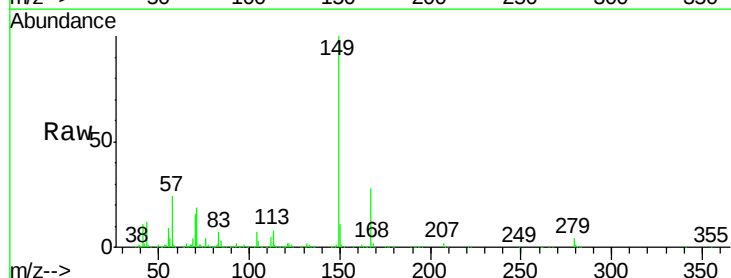
Tgt Ion:149 Resp: 854914

Ion Ratio Lower Upper

149 100

167 27.5 23.0 34.6

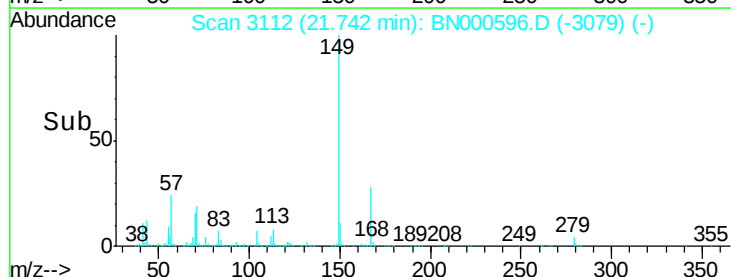
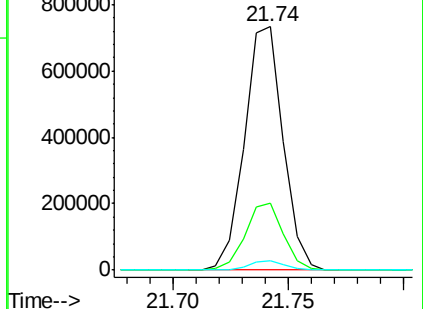
279 3.9 4.3 6.5#

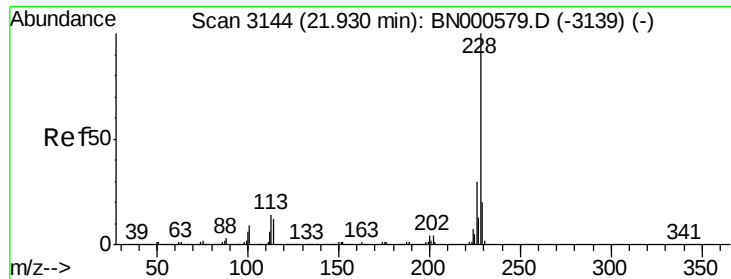


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 18.697 ng/ul

RT: 21.92 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

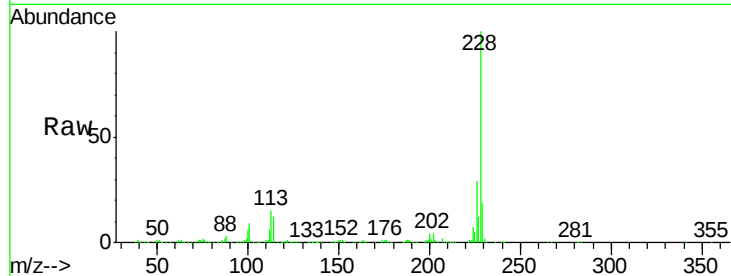
Tot Ion:228 Resp: 1045835

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

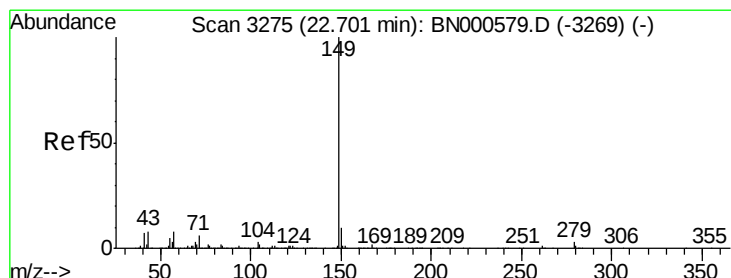
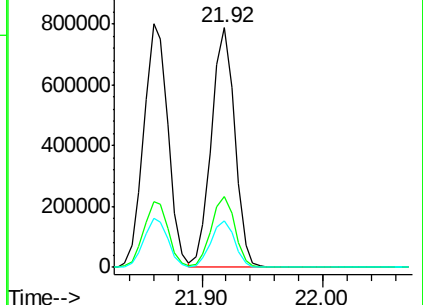
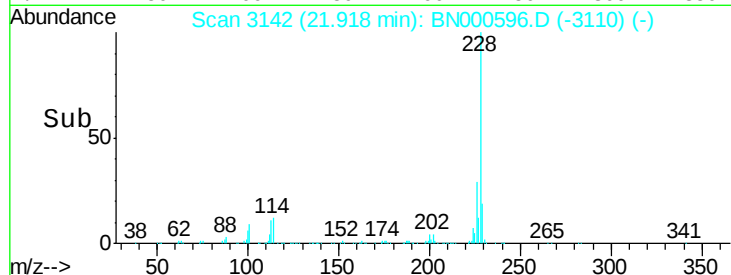
229 19.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 21.980 ng/ul

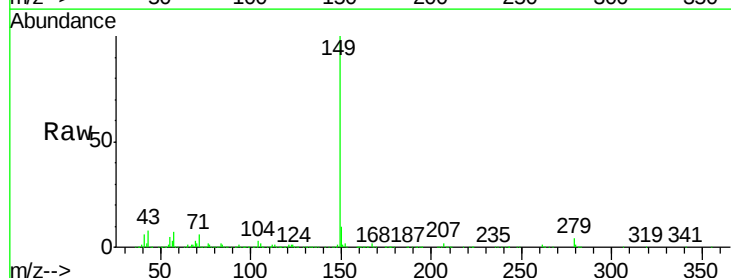
RT: 22.69 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Tgt Ion:149 Resp: 1438454



Abundance Ion 149.00 (148.70 to 149.70): E

1200000

1000000

800000

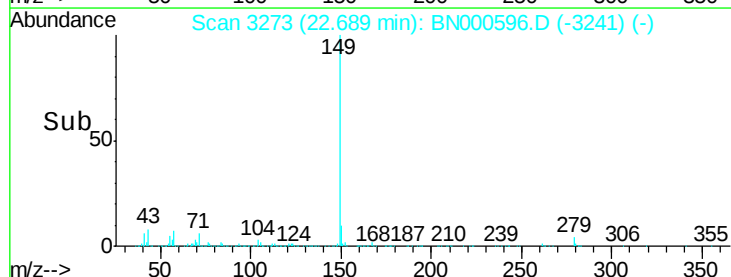
600000

400000

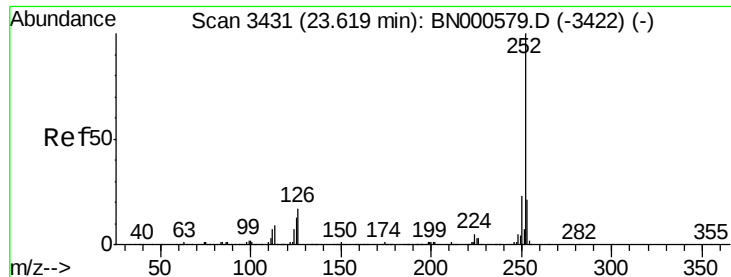
200000

0

Time-->



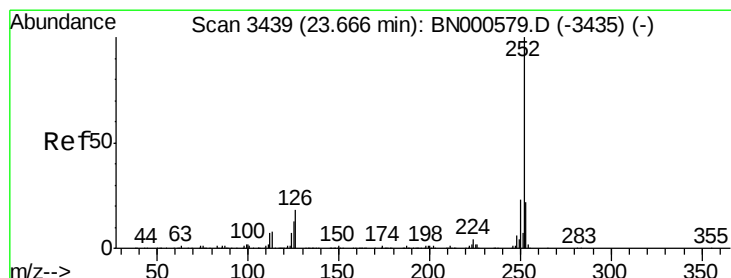
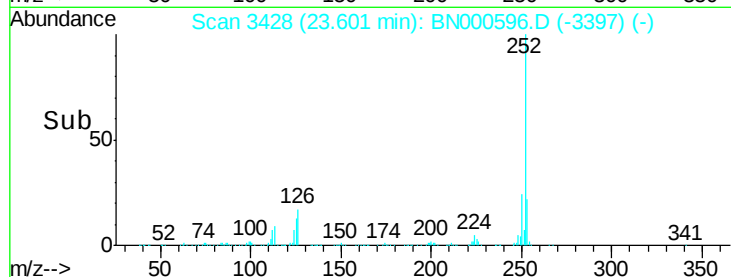
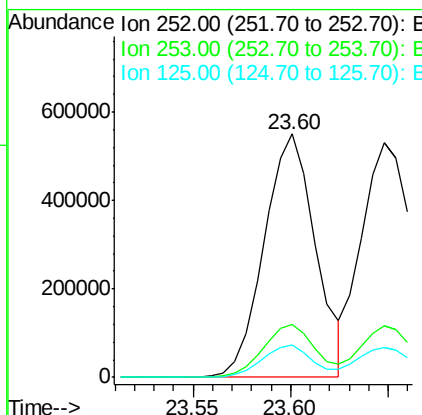
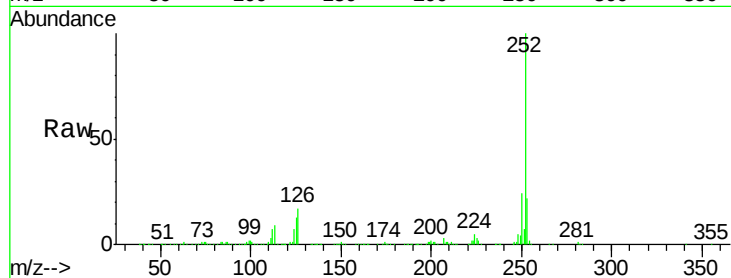
Time-->



#85
Benzo(b)fluoranthene
Concen: 20.441 ng/ul
RT: 23.60 min Scan# 3428
Delta R.T. -0.02 min
Lab File: BN000596.D
Acq: 24 Mar 2018 01:42

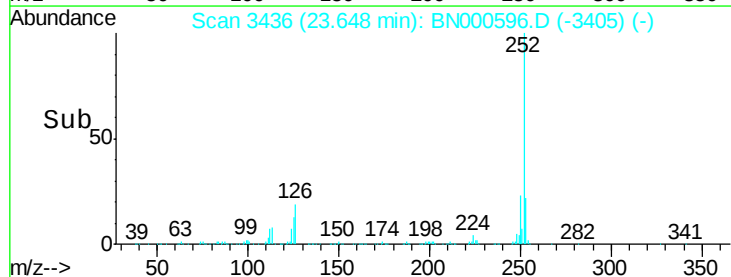
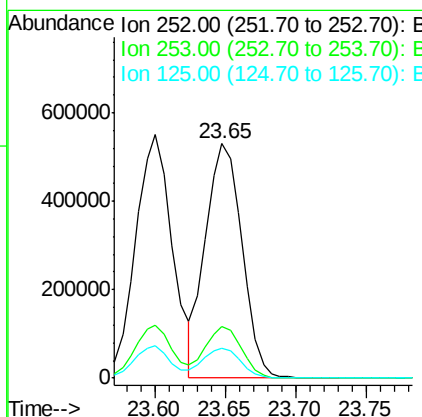
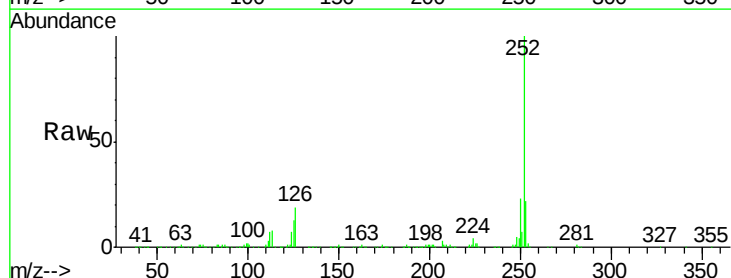
Instrument :
BNA_N
ClientSampleId :
SSTD02032

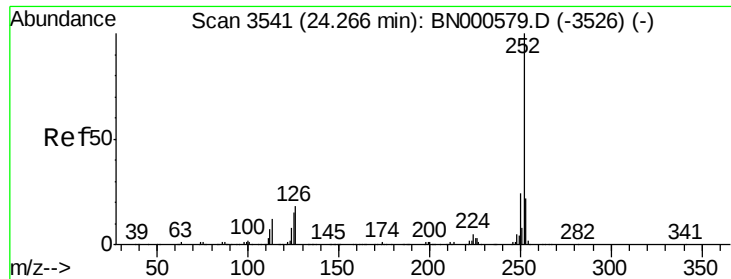
Tot Ion:252 Resp: 1004250
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 13.1 4.9 7.3#



#86
Benzo(k)fluoranthene
Concen: 20.064 ng/ul
RT: 23.65 min Scan# 3436
Delta R.T. -0.02 min
Lab File: BN000596.D
Acq: 24 Mar 2018 01:42

Tgt Ion:252 Resp: 951639
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 12.9 5.4 8.0#





#88

Benzo(a)pyrene

Concen: 19.494 ng/u1

RT: 24.25 min Scan# 3538

Delta R.T. -0.02 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

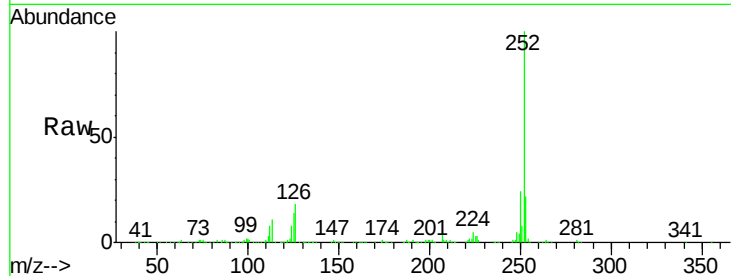
Tot Ion:252 Resp: 901346

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

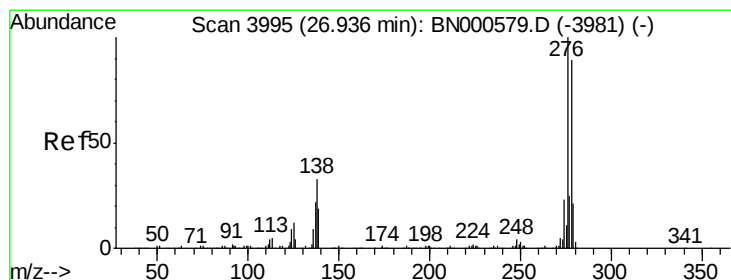
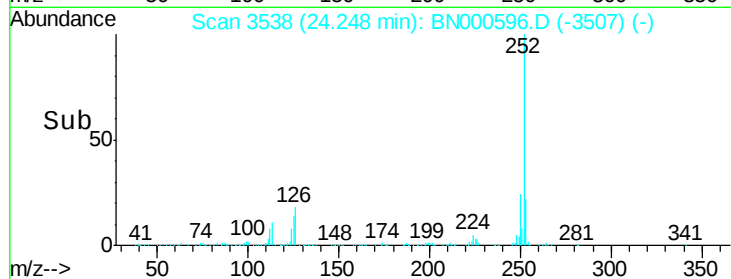
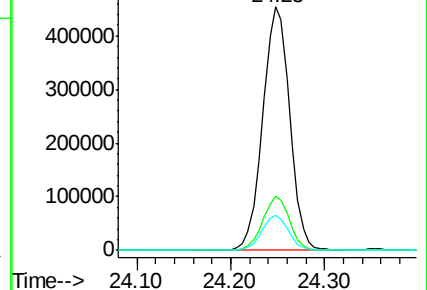
125 14.3 5.8 8.6#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 17.191 ng/u1

RT: 26.91 min Scan# 3991

Delta R.T. -0.02 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

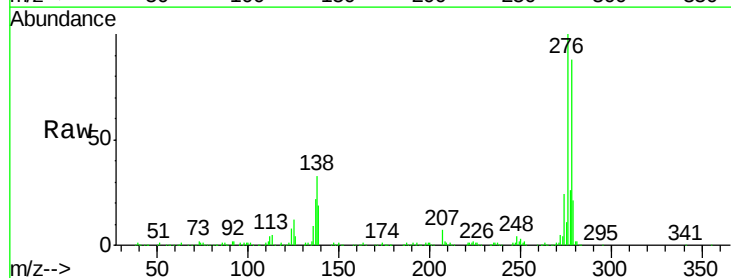
Tgt Ion:276 Resp: 857110

Ion Ratio Lower Upper

276 100

138 32.9 10.9 16.3#

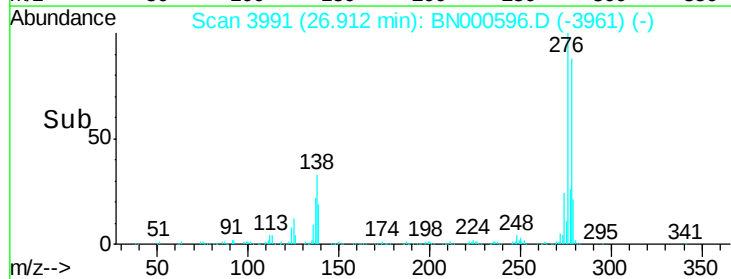
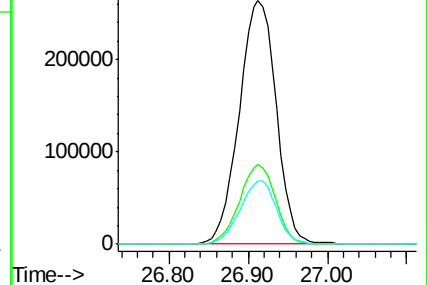
277 26.0 18.9 28.3

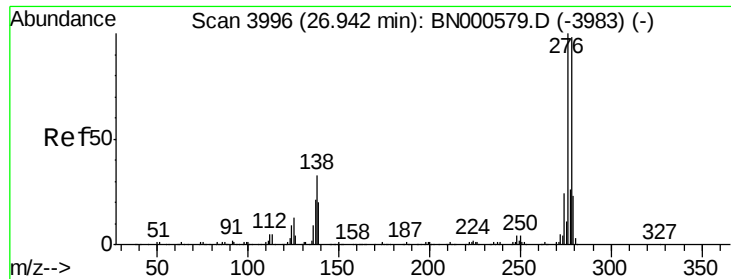


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 17.252 ng/ul

RT: 26.92 min Scan# 3992

Delta R.T. -0.02 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

Instrument :

BNA_N

ClientSampleId :

SSTD02032

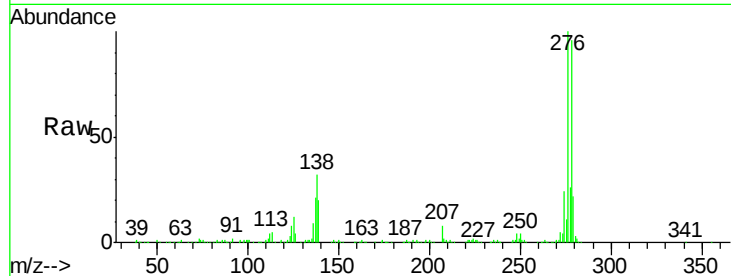
Tot Ion:278 Resp: 716564

Ion Ratio Lower Upper

278 100

139 21.0 9.0 13.4#

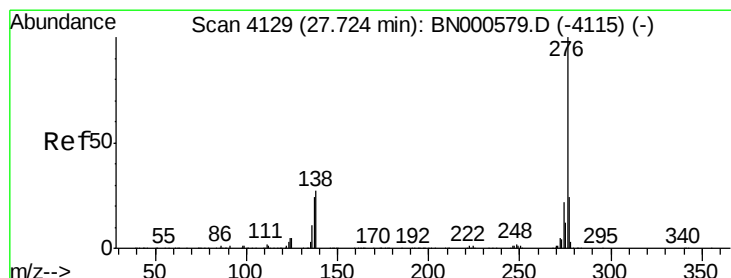
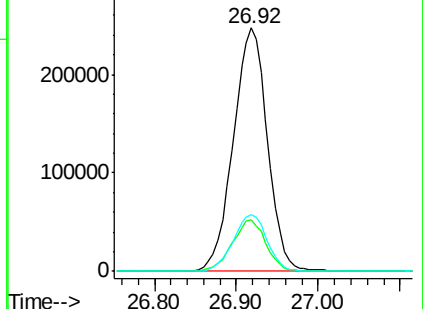
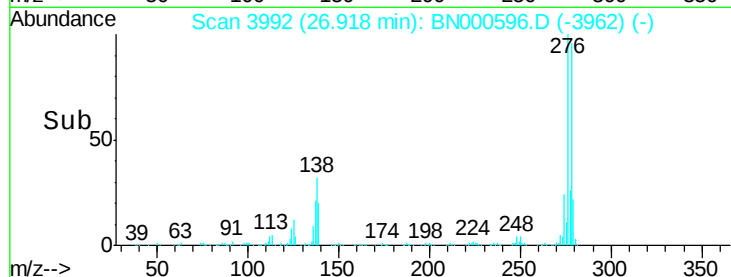
279 23.2 19.1 28.7



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



#91

Benzo(g,h,i)perylene

Concen: 16.467 ng/ul

RT: 27.70 min Scan# 4125

Delta R.T. -0.02 min

Lab File: BN000596.D

Acq: 24 Mar 2018 01:42

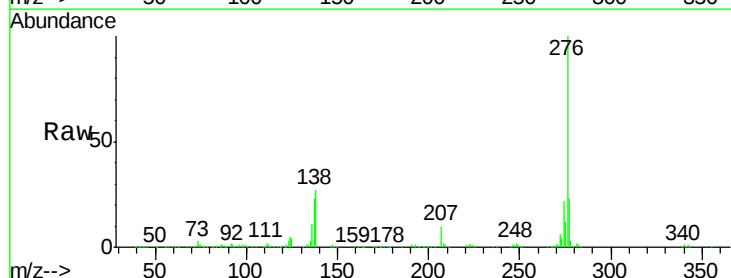
Tgt Ion:276 Resp: 682281

Ion Ratio Lower Upper

276 100

138 27.0 11.2 16.8#

277 23.3 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

