

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000579.D
 Acq On : 23 Mar 2018 15:58
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02031

Quant Time: Mar 23 18:40:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 23 17:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	163141	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	709394	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	391627	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	834419	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	775498	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	658551	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	35471	7.77	ng/uL	-0.01
5) Phenol-d5	7.55	99	305228	20.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	177715	20.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	224751	19.53	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	240451	20.28	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	104990	18.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	109945	18.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	209674	19.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	275480	25.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	621645	20.09	ng/ul	0.00
46) Acenaphthylene-d8	14.73	160	793011	19.43	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	104330	18.16	ng/ul	0.00
57) Fluorene-d10	16.01	176	523378	19.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	73373	15.35	ng/ul	0.00
70) Anthracene-d10	17.85	188	776834	19.37	ng/ul	0.00
76) Pyrene-d10	20.11	212	813876	19.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	614681	19.78	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.63	88	38571	7.842	ng/uL# 86
4) Benzaldehyde	7.53	77	127663	20.573	ng/ul 90
6) Phenol	7.58	94	314427	20.249	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.81	93	246783	20.028	ng/ul 96
10) 2-Chlorophenol	7.97	128	231590	19.710	ng/ul 98
11) 2-Methylphenol	8.85	108	227872	20.009	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.93	45	273859	20.622	ng/ul 95
14) Acetophenone	9.24	105	370817	21.041	ng/ul 97
15) N-Nitroso-di-n-propylamine	9.22	70	184235	19.988	ng/ul 94
16) 4-Methylphenol	9.18	108	250203	20.521	ng/ul 98
17) Hexachloroethane	9.51	117	93696	19.112	ng/ul# 69
20) Nitrobenzene	9.64	77	275861	19.396	ng/ul 95
21) Isophorone	10.15	82	523163	19.296	ng/ul 98
23) 2-Nitrophenol	10.35	139	121181	18.878	ng/ul 94
24) 2,4-Dimethylphenol	10.40	107	269998	19.526	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.63	93	335630	19.601	ng/ul 98
27) 2,4-Dichlorophenol	10.90	162	205542	19.794	ng/ul# 96
28) Naphthalene	11.30	128	732317	19.658	ng/ul 99
30) 4-Chloroaniline	11.40	127	280513	25.165	ng/ul 98
31) Hexachlorobutadiene	11.57	225	112494	19.550	ng/ul 97
32) Caprolactam	12.15	113	76619	20.184	ng/ul 88
33) 4-Chloro-3-methylphenol	12.50	107	252714	20.701	ng/ul 98
34) 2-Methylnaphthalene	12.88	142	500711	20.132	ng/ul 99

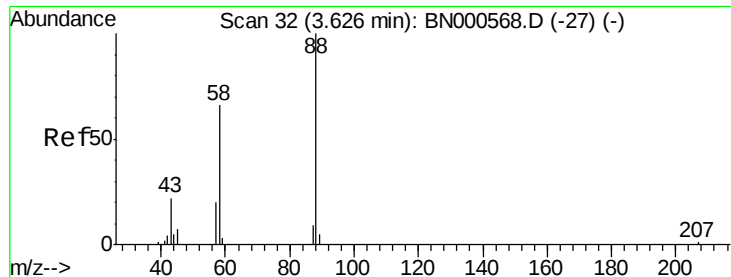
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.24	216	223675	19.011	ng/ul#	95
37) Hexachlorocyclopentadiene	13.21	237	104903	17.099	ng/ul	98
38) 2,4,6-Trichlorophenol	13.48	196	148390	18.594	ng/ul	97
39) 2,4,5-Trichlorophenol	13.55	196	156670	18.827	ng/ul	97
40) 1,1'-Biphenyl	13.87	154	643901	19.314	ng/ul#	95
41) 2-Chloronaphthalene	13.92	162	495113	19.266	ng/ul	96
42) 2-Nitroaniline	14.12	65	148914	19.125	ng/ul	97
44) Dimethylphthalate	14.47	163	619145	20.231	ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	121830	19.755	ng/ul	91
47) Acenaphthylene	14.76	152	782008	19.557	ng/ul	99
48) 3-Nitroaniline	14.93	138	126377	21.225	ng/ul#	92
49) Acenaphthene	15.10	153	531100	19.480	ng/ul	98
50) 2,4-Dinitrophenol	15.14	184	39180	13.466	ng/ul#	83
52) 4-Nitrophenol	15.23	109	85880	19.344	ng/ul	86
53) Dibenzofuran	15.42	168	739147	19.961	ng/ul	100
54) 2,4-Dinitrotoluene	15.38	165	180431	20.637	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.65	232	122493	19.276	ng/ul#	91
56) Diethylphthalate	15.81	149	641356	20.532	ng/ul	95
58) Fluorene	16.07	166	594817	20.214	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.05	204	275839	20.287	ng/ul#	85
60) 4-Nitroaniline	16.08	138	128154	19.158	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.14	198	78361	15.532	ng/ul#	85
64) N-Nitrosodiphenylamine	16.26	169	513587	18.683	ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	161573	18.997	ng/ul#	86
66) Hexachlorobenzene	17.07	284	174300	19.409	ng/ul#	84
67) Atrazine	17.19	200	174832	21.088	ng/ul	95
68) Pentachlorophenol	17.41	266	77959	16.443	ng/ul	96
69) Phenanthrene	17.80	178	934870	19.448	ng/ul	99
71) Anthracene	17.89	178	951777	19.310	ng/ul	98
72) Carbazole	18.15	167	866256	20.494	ng/ul#	97
73) Di-n-butylphthalate	18.67	149	1076719	18.732	ng/ul	99
74) Fluoranthene	19.78	202	1029661	21.555	ng/ul#	83
77) Pyrene	20.14	202	1041107	18.381	ng/ul#	77
78) Butylbenzylphthalate	20.99	149	508248	18.065	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.79	252	291523	19.242	ng/ul#	98
80) Benzo(a)anthracene	21.87	228	961975	18.617	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.75	149	735698	18.011	ng/ul#	96
82) Chrysene	21.93	228	900853	18.597	ng/ul	100
84) Di-n-octyl phthalate	22.70	149	1218314	21.979	ng/ul	100
85) Benzo(b)fluoranthene	23.62	252	849034	20.404	ng/ul#	95
86) Benzo(k)fluoranthene	23.67	252	804856	20.035	ng/ul#	95
88) Benzo(a)pyrene	24.27	252	764307	19.516	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.94	276	728330	17.247	ng/ul#	81
90) Dibenzo(a,h)anthracene	26.94	278	613364	17.435	ng/ul#	92
91) Benzo(g,h,i)perylene	27.72	276	587933	16.754	ng/ul#	87

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



#2

1,4-Dioxane

Concen: 7.842 ng/uL

RT: 3.63 min Scan# 32

Delta R.T. -0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

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BNA_N

ClientSampleId :

SSTD02031

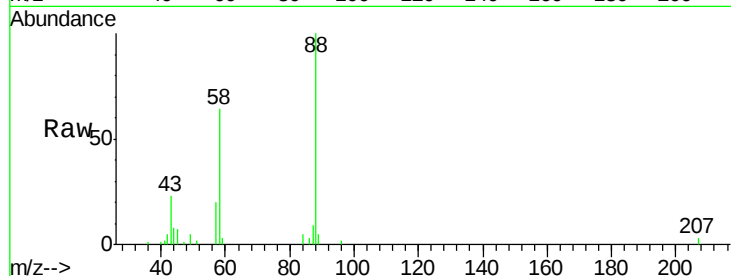
Tot Ion: 88 Resp: 38571

Ion Ratio Lower Upper

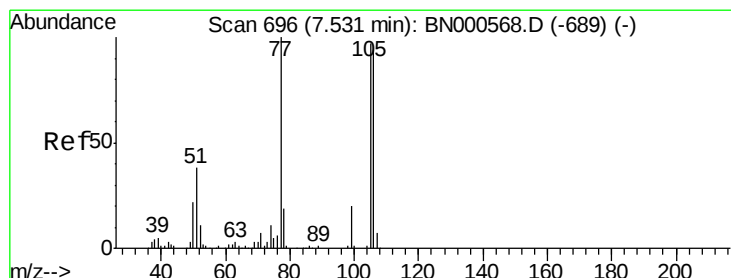
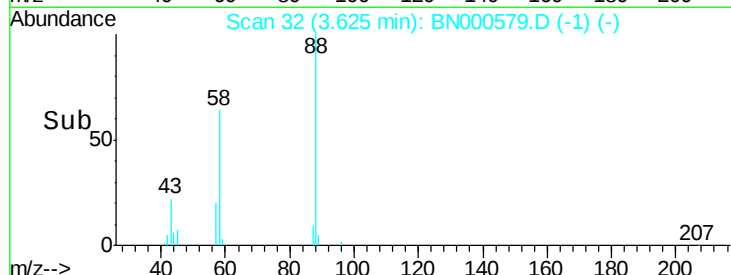
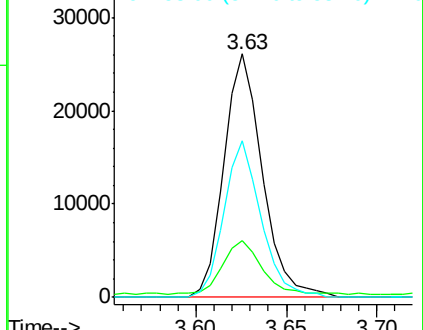
88 100

43 23.4 29.0 43.4#

58 64.2 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: 20.573 ng/uL

RT: 7.53 min Scan# 696

Delta R.T. -0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

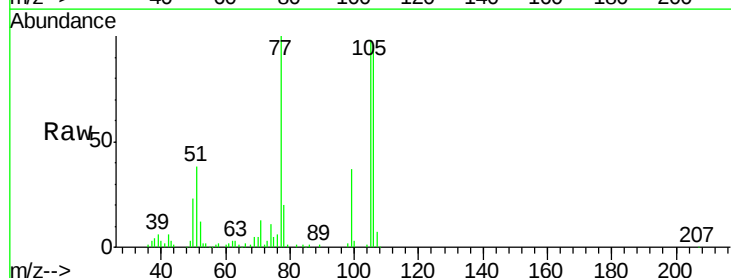
Tgt Ion: 77 Resp: 127663

Ion Ratio Lower Upper

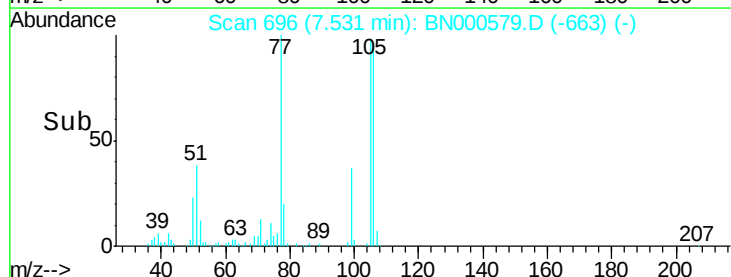
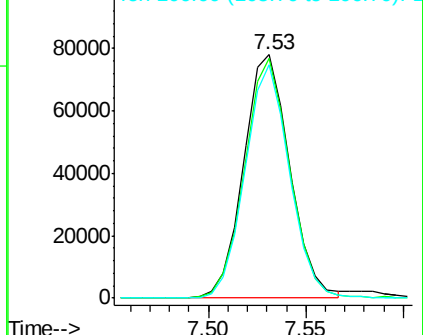
77 100

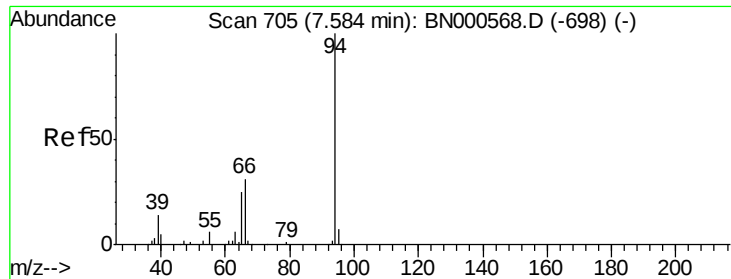
105 98.4 71.0 106.6

106 95.8 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





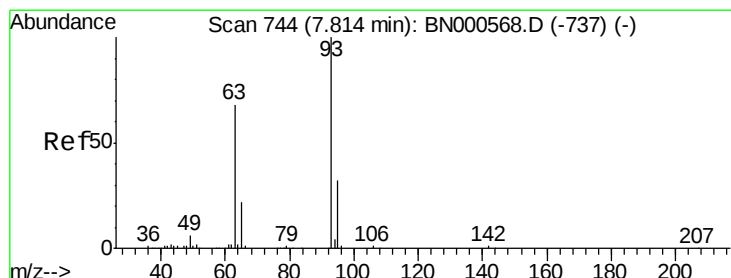
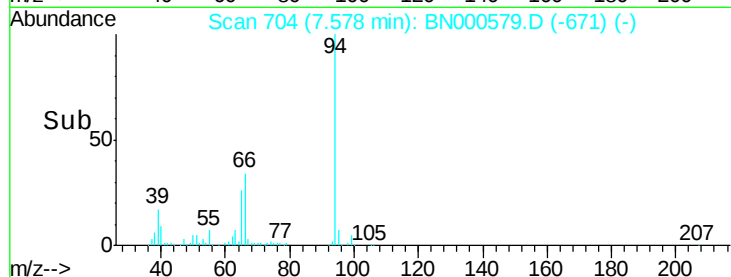
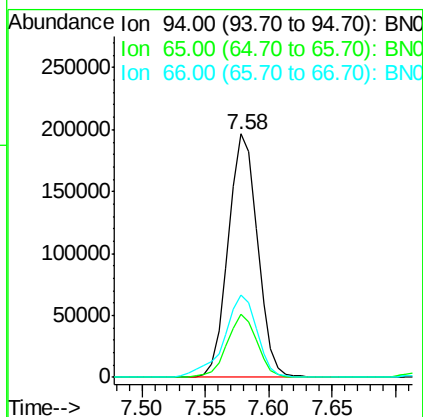
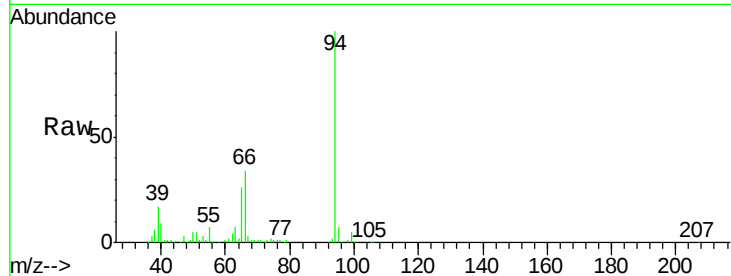
#6

Phenol

Concen: 20.249 ng/ul
 RT: 7.58 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02031

Tot Ion: 94 Resp: 314427
 Ion Ratio Lower Upper
 94 100
 65 26.0 23.0 34.6
 66 33.6 30.4 45.6

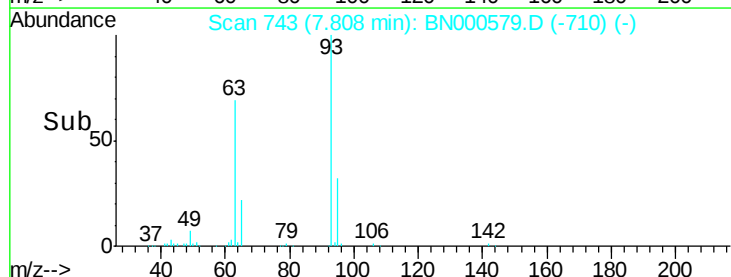
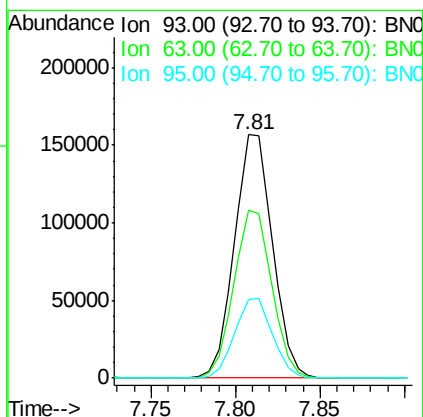
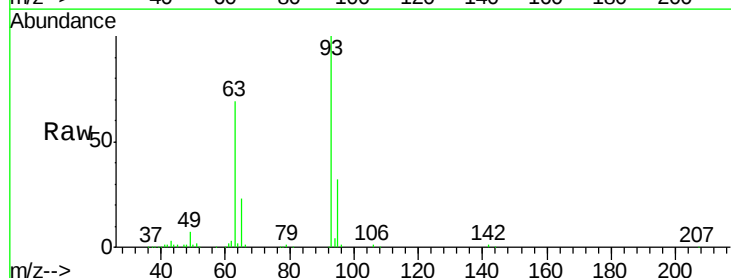


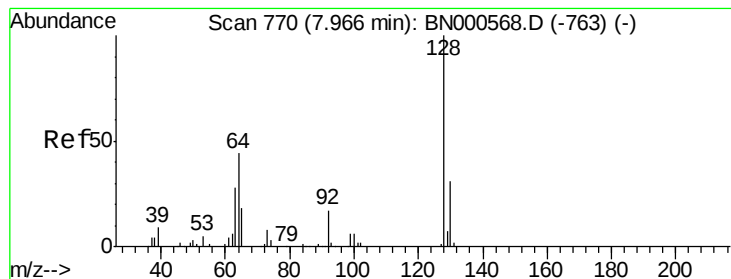
#8

Bis(2-Chloroethyl)ether

Concen: 20.028 ng/ul
 RT: 7.81 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

Tgt Ion: 93 Resp: 246783
 Ion Ratio Lower Upper
 93 100
 63 69.3 59.4 89.2
 95 32.5 26.4 39.6





#10

2-Chlorophenol

Concen: 19.710 ng/ul

RT: 7.97 min Scan# 770

Delta R.T. -0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

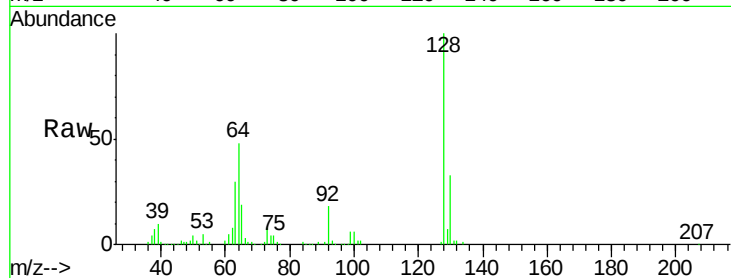
Tot Ion:128 Resp: 231590

Ion Ratio Lower Upper

128 100

64 47.7 39.8 59.6

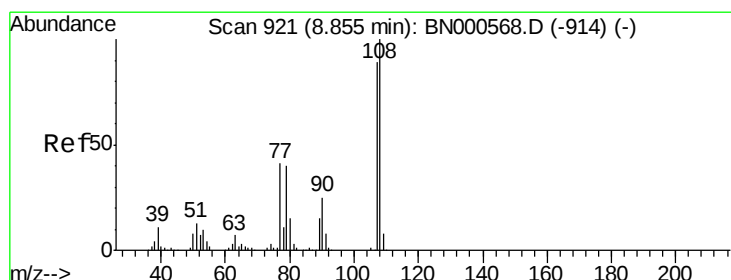
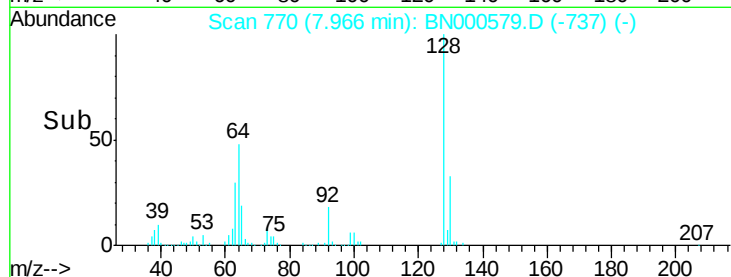
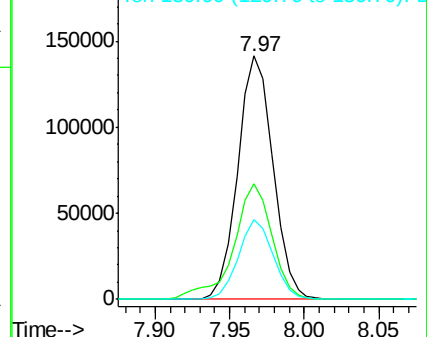
130 32.5 25.8 38.8



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: 20.009 ng/ul

RT: 8.85 min Scan# 921

Delta R.T. 0.00 min

Lab File: BN000579.D

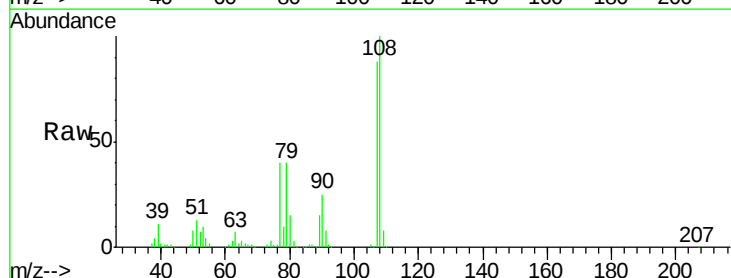
Acq: 23 Mar 2018 15:58

Tgt Ion:108 Resp: 227872

Ion Ratio Lower Upper

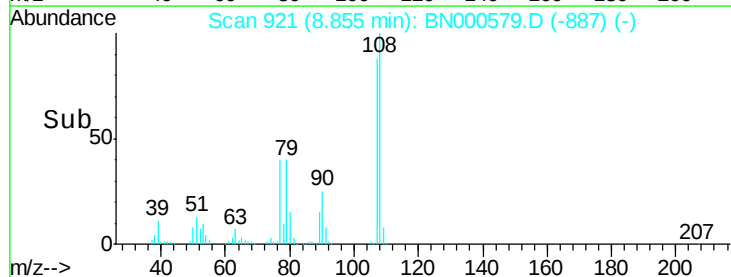
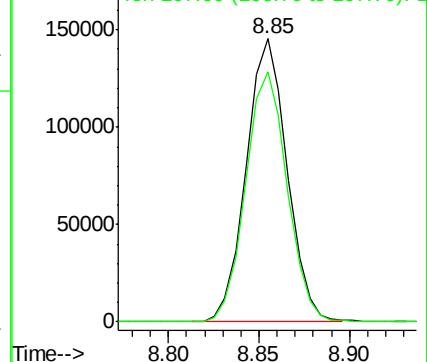
108 100

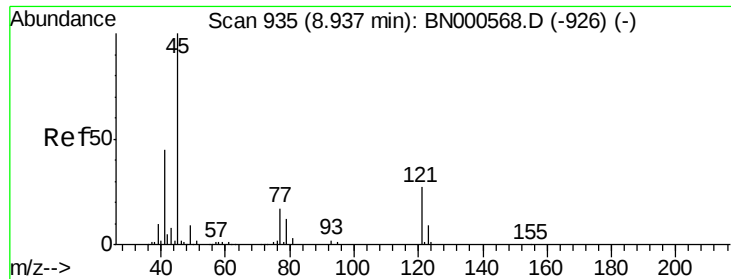
107 88.5 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

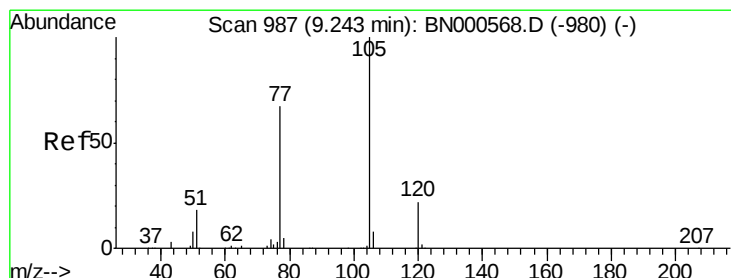
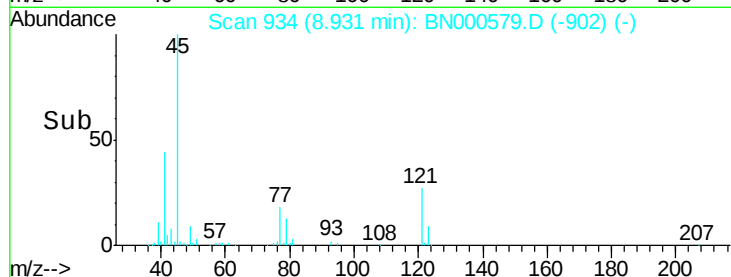
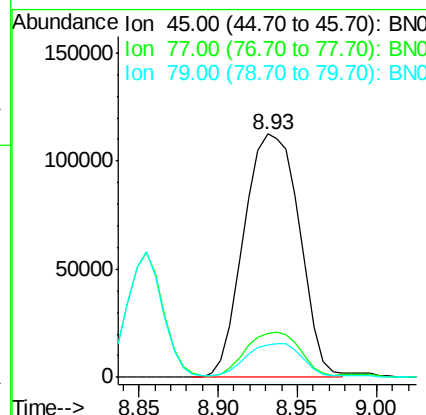
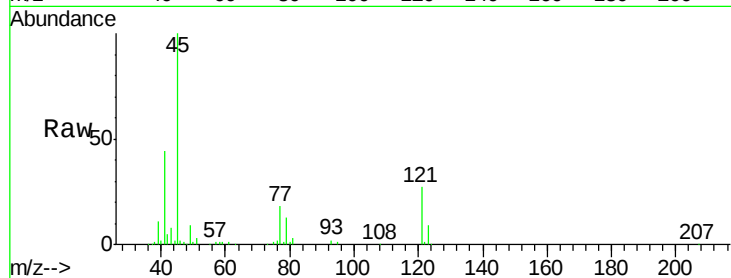




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.622 ng/ul
RT: 8.93 min Scan# 934
Delta R.T. -0.01 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

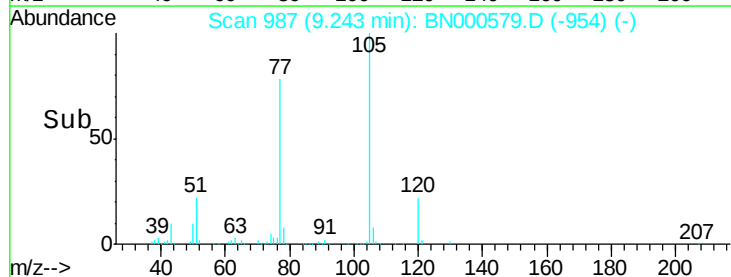
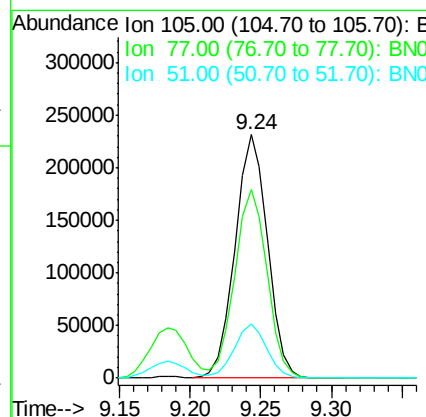
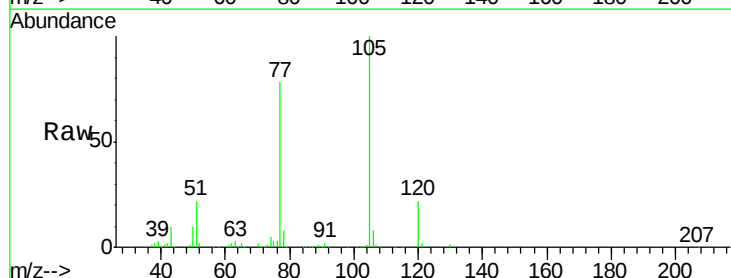
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BNA_N
ClientSampled :
SSTD02031

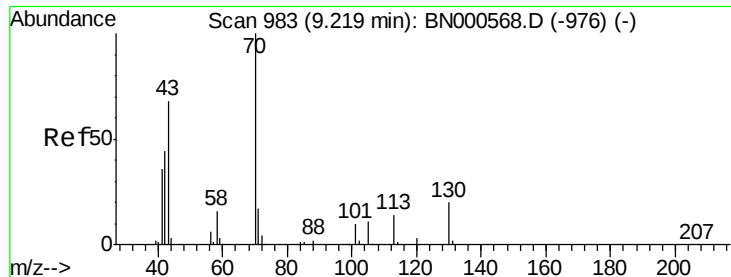
Tot Ion: 45 Resp: 273859
Ion Ratio Lower Upper
45 100
77 18.1 12.5 18.7
79 13.4 9.4 14.2



#14
Acetophenone
Concen: 21.041 ng/ul
RT: 9.24 min Scan# 987
Delta R.T. -0.01 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

Tgt Ion:105 Resp: 370817
Ion Ratio Lower Upper
105 100
77 77.5 63.2 94.8
51 22.0 19.8 29.8





#15

N-Nitroso-di-n-propylamine

Concen: 19.988 ng/ul

RT: 9.22 min Scan# 983

Delta R.T. -0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

Tot Ion: 70 Resp: 184235

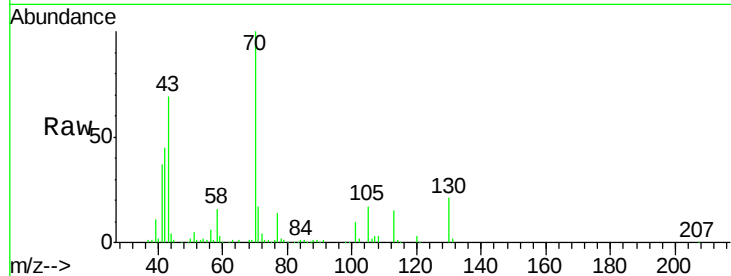
Ion Ratio Lower Upper

70 100

42 44.6 40.2 60.4

101 10.0 7.7 11.5

130 21.0 17.8 26.6

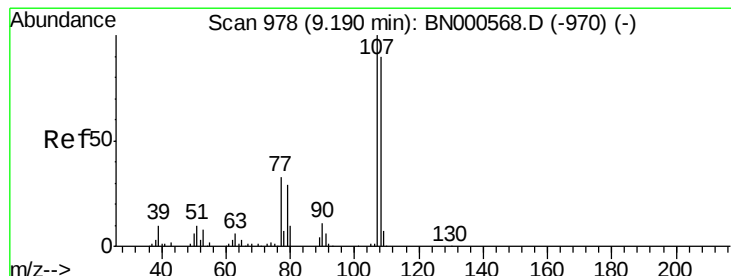
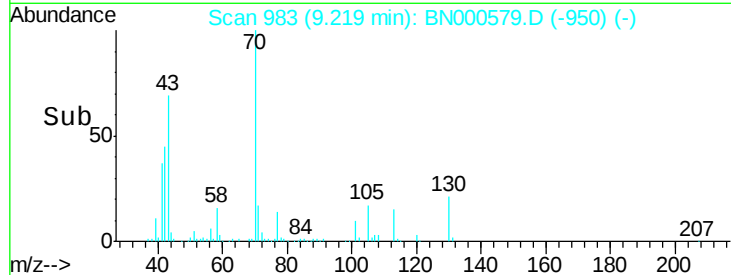
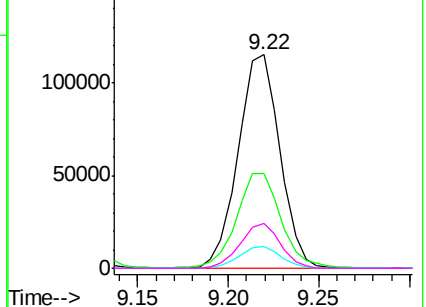


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 20.521 ng/ul

RT: 9.18 min Scan# 977

Delta R.T. -0.01 min

Lab File: BN000579.D

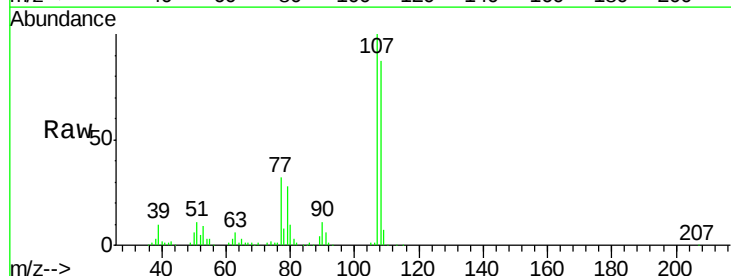
Acq: 23 Mar 2018 15:58

Tgt Ion:108 Resp: 250203

Ion Ratio Lower Upper

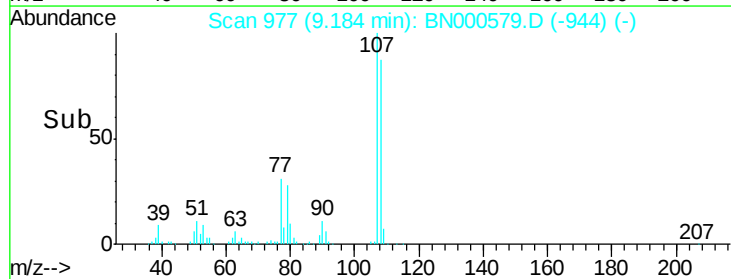
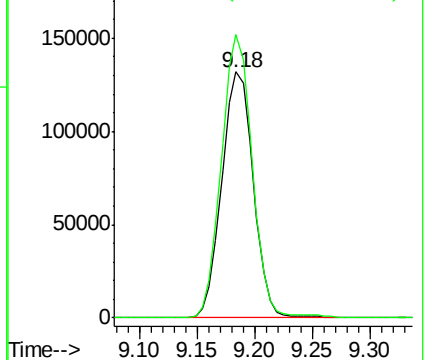
108 100

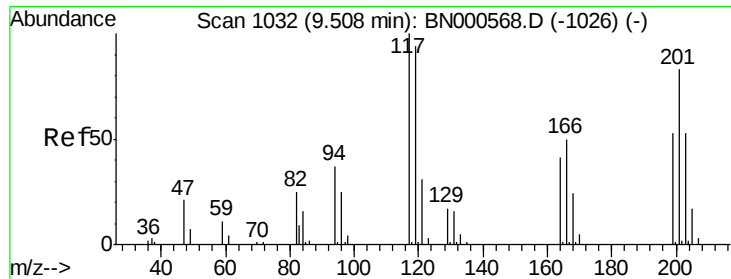
107 115.0 93.6 140.4



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

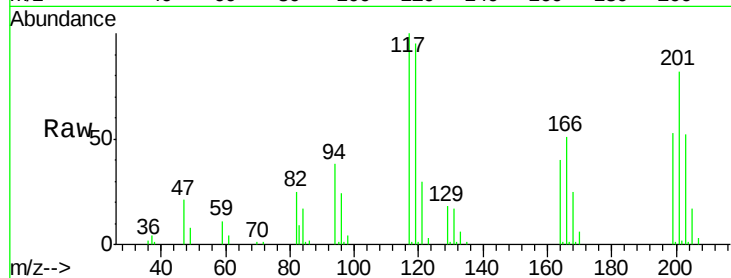




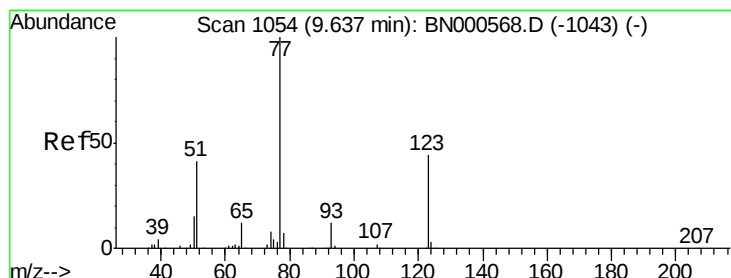
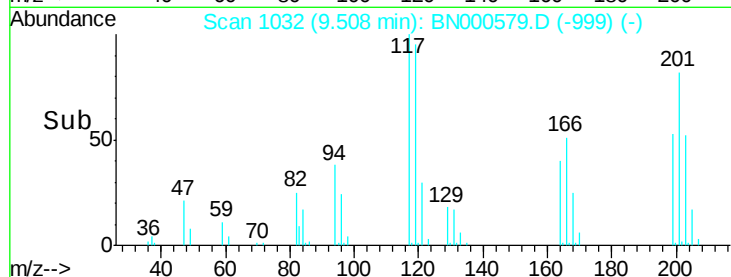
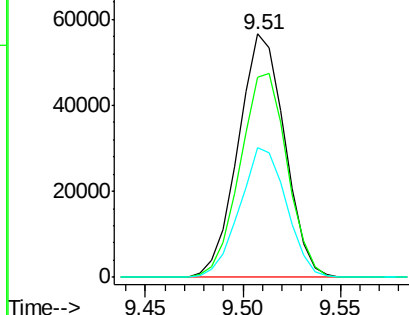
#17
Hexachloroethane
Concen: 19.112 ng/ul
RT: 9.51 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

Instrument :
BNA_N
ClientSampleId :
SSTD02031

Tot Ion:117 Resp: 93696
Ion Ratio Lower Upper
117 100
201 82.0 96.1 144.1#
199 53.4 59.7 89.5#

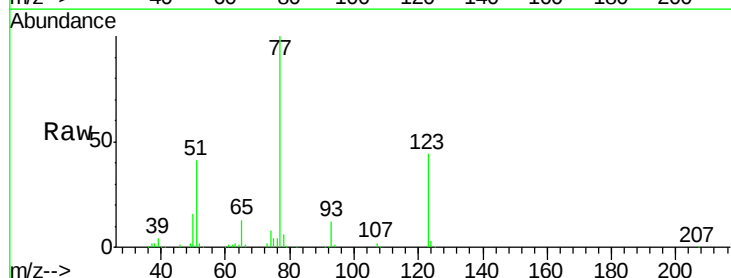


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

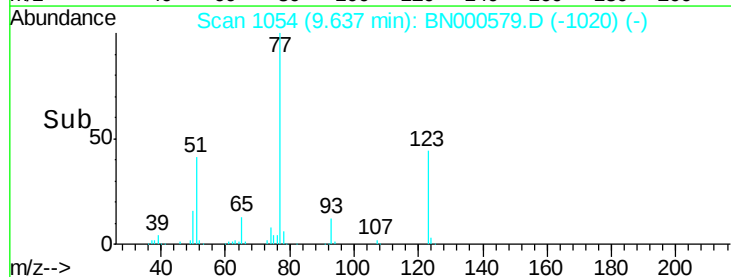
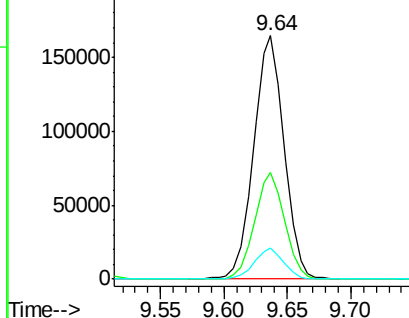


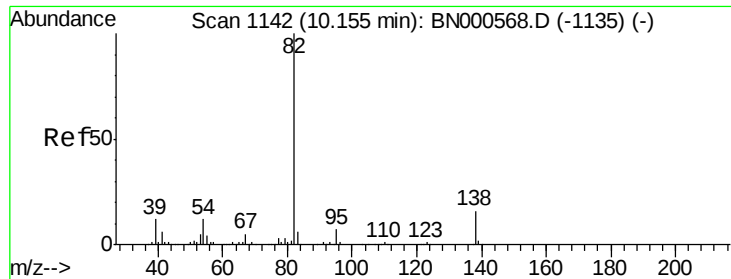
#20
Nitrobenzene
Concen: 19.396 ng/ul
RT: 9.64 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

Tgt Ion: 77 Resp: 275861
Ion Ratio Lower Upper
77 100
123 43.9 31.8 47.8
65 12.7 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: 19.296 ng/ul

RT: 10.15 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

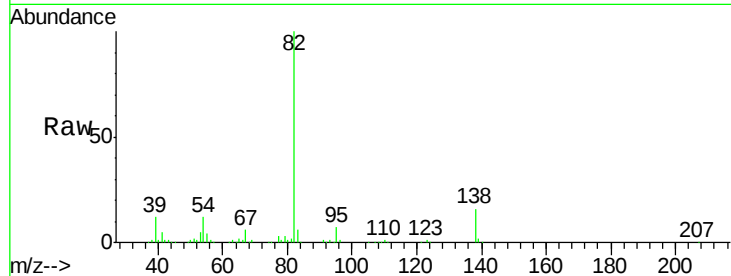
Tot Ion: 82 Resp: 523163

Ion Ratio Lower Upper

82 100

95 7.0 6.1 9.1

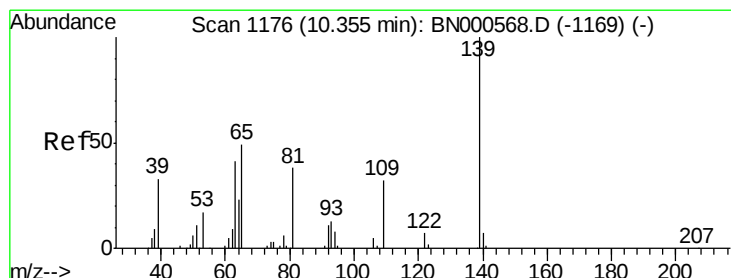
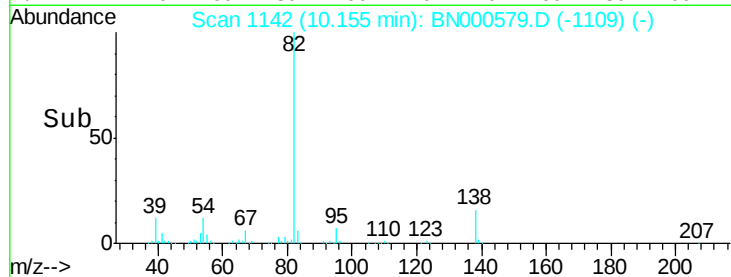
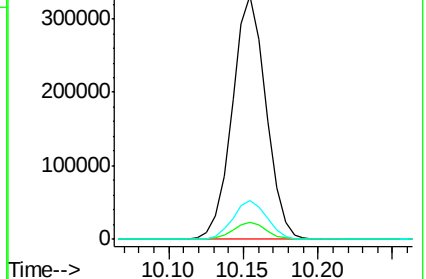
138 16.2 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BN000568.D (-1135) (-)

Ion 95.00 (94.70 to 95.70): BN000568.D (-1135) (-)

Ion 138.00 (137.70 to 138.70): BN000568.D (-1135) (-)



#23

2-Nitrophenol

Concen: 18.878 ng/ul

RT: 10.35 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

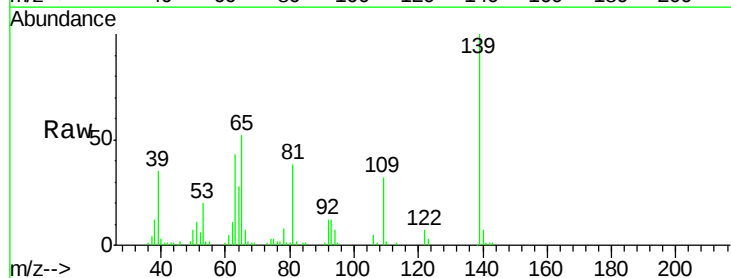
Tgt Ion: 139 Resp: 121181

Ion Ratio Lower Upper

139 100

65 51.9 45.3 67.9

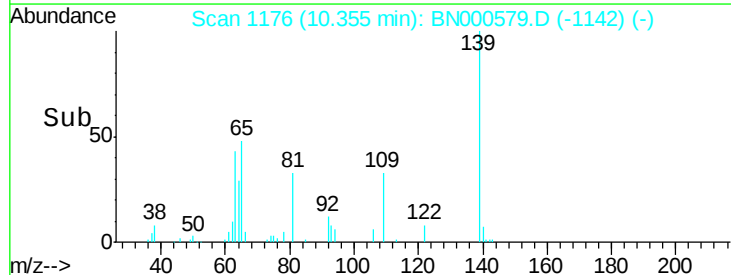
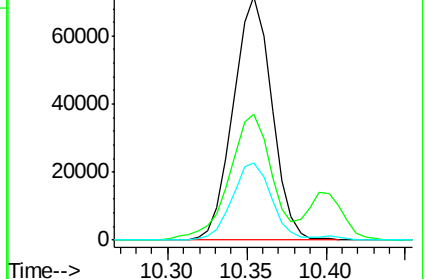
109 31.8 27.7 41.5

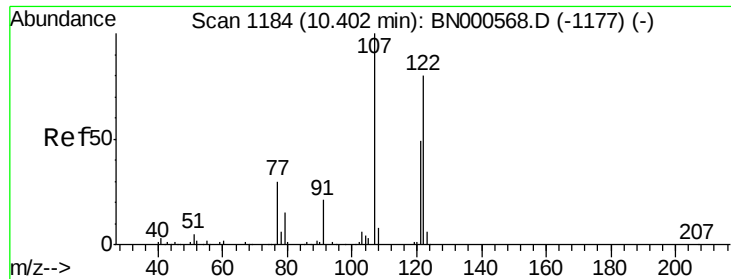


Abundance Ion 139.00 (138.70 to 139.70): BN000568.D (-1169) (-)

Ion 65.00 (64.70 to 65.70): BN000568.D (-1169) (-)

Ion 109.00 (108.70 to 109.70): BN000568.D (-1169) (-)

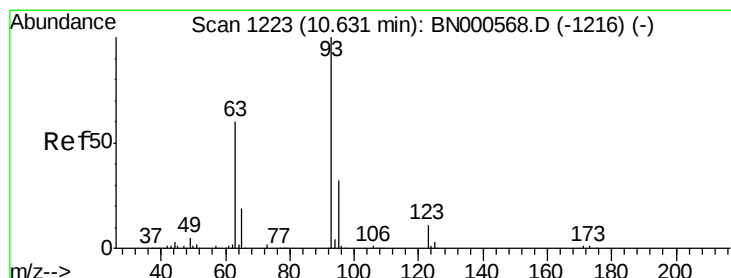
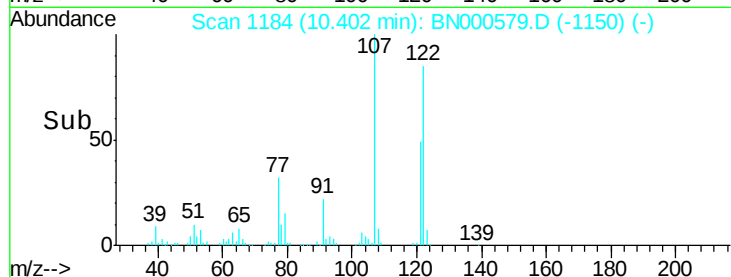
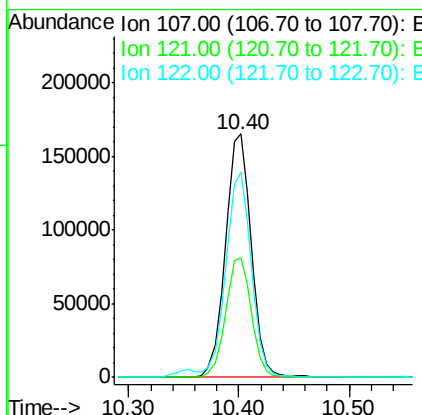
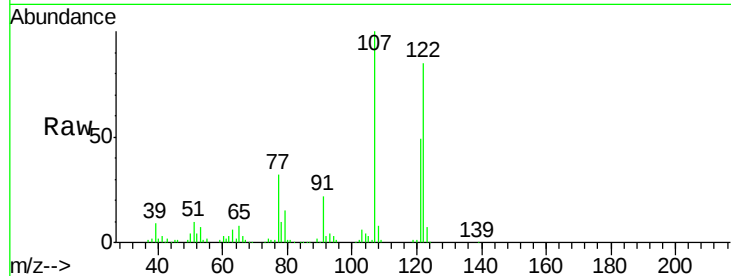




#24
 2,4-Dimethylphenol
 Concen: 19.526 ng/ul
 RT: 10.40 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

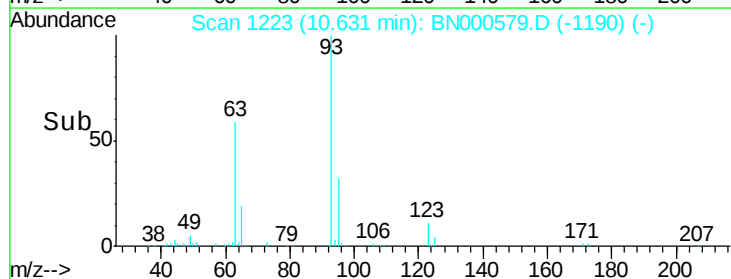
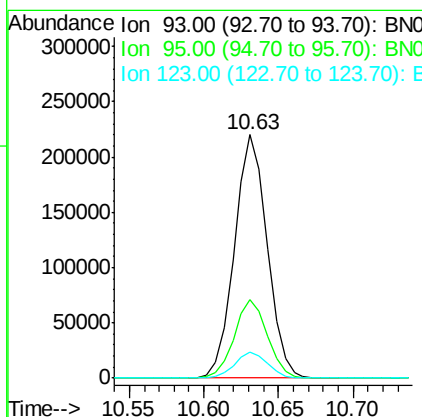
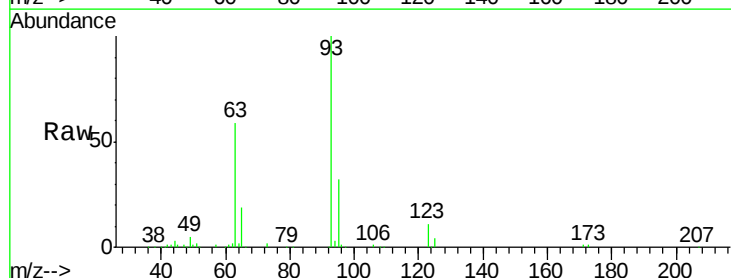
Instrument :
 BNA_N
 ClientSampleId :
 SST02031

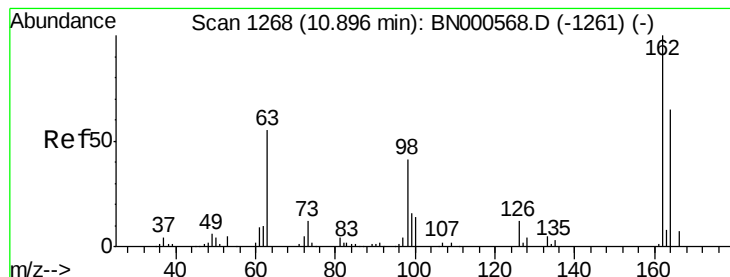
Tot Ion	Ratio	Lower	Upper
107	100		
121	49.3	38.1	57.1
122	84.5	63.8	95.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.601 ng/ul
 RT: 10.63 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	24.7	37.1
123	10.5	8.2	12.2





#27

2,4-Dichlorophenol

Concen: 19.794 ng/ul

RT: 10.90 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

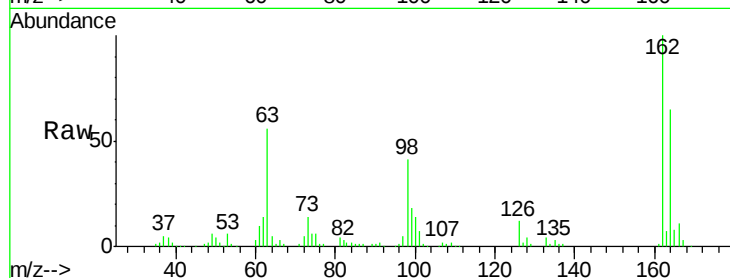
Tot Ion:162 Resp: 205542

Ion Ratio Lower Upper

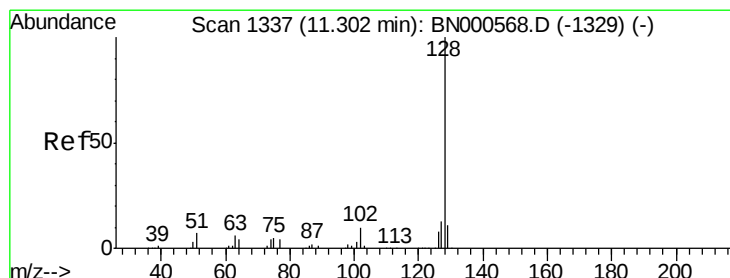
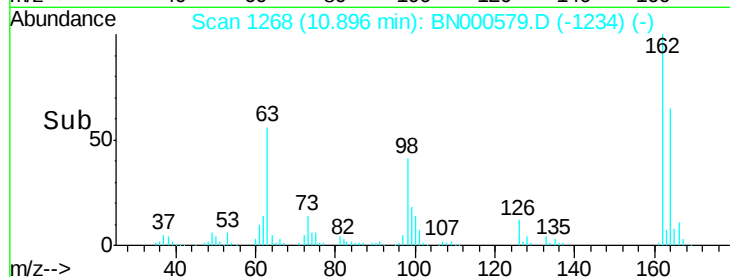
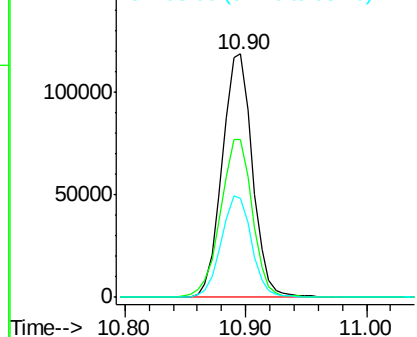
162 100

164 64.9 52.0 78.0

98 40.6 26.6 39.8#



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): BNC



#28

Naphthalene

Concen: 19.658 ng/ul

RT: 11.30 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

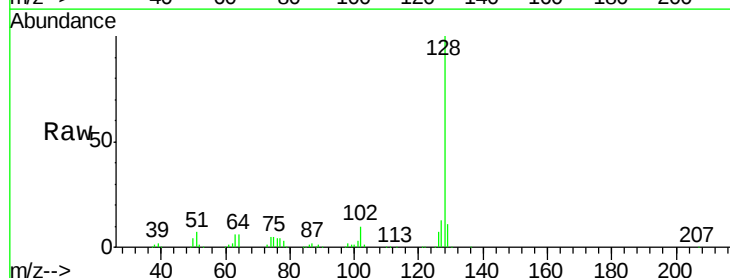
Tgt Ion:128 Resp: 732317

Ion Ratio Lower Upper

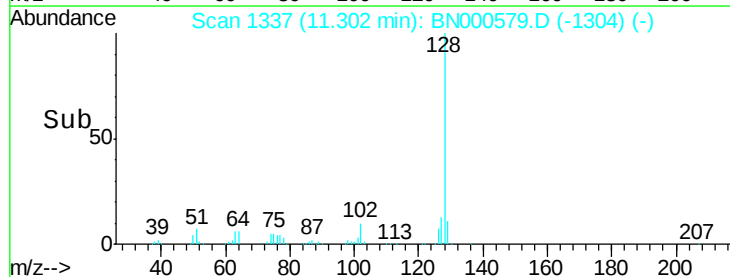
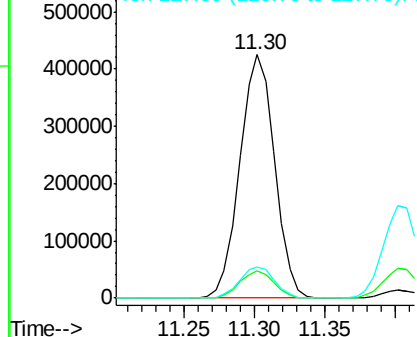
128 100

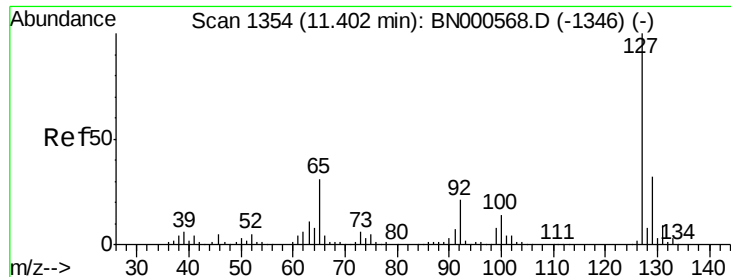
129 11.0 8.3 12.5

127 13.0 10.8 16.2



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

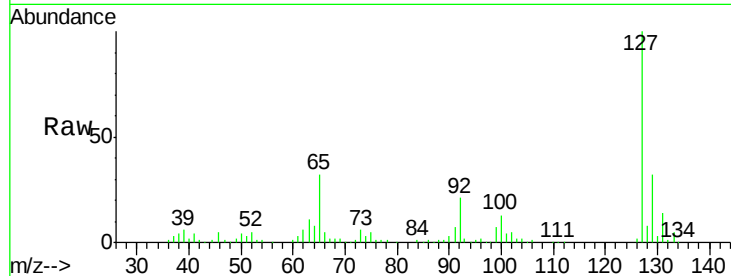




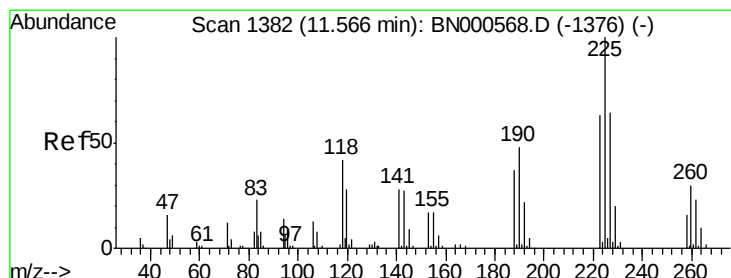
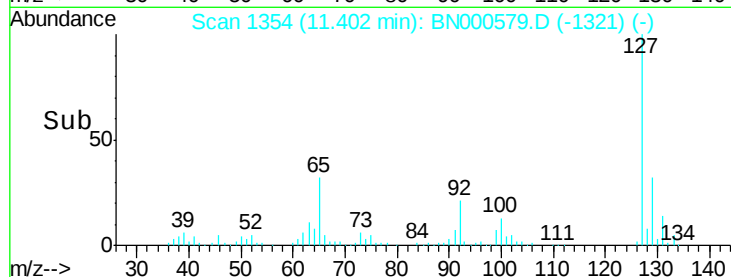
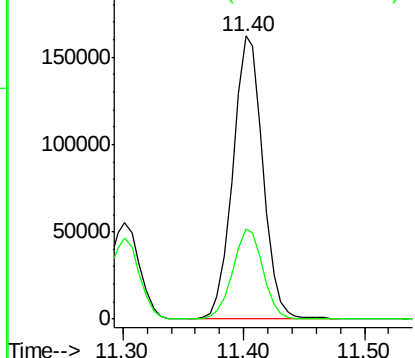
#30
4-Chloroaniline
Concen: 25.165 ng/ul
RT: 11.40 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

Instrument :
BNA_N
ClientSampleId :
SSTD02031

Tot Ion:127 Resp: 280513
Ion Ratio Lower Upper
127 100
129 31.8 24.6 37.0

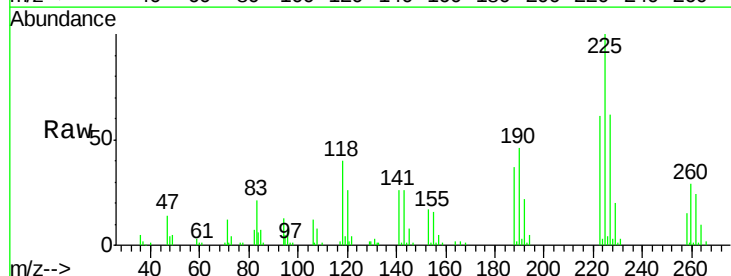


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

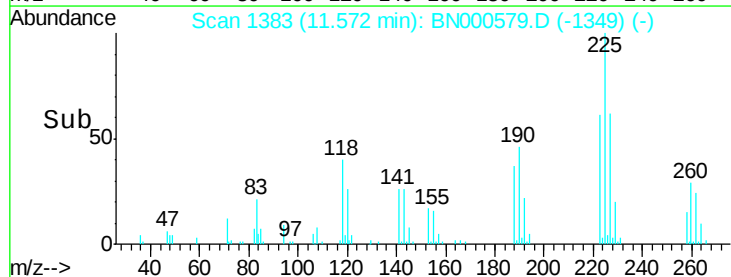
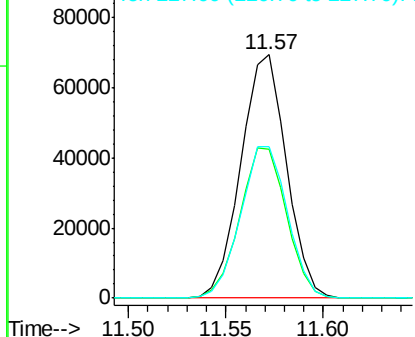


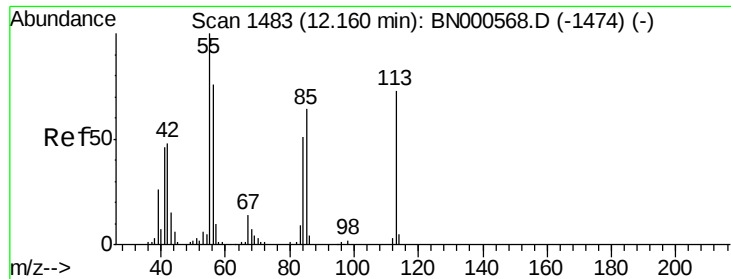
#31
Hexachlorobutadiene
Concen: 19.550 ng/ul
RT: 11.57 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

Tgt Ion:225 Resp: 112494
Ion Ratio Lower Upper
225 100
223 61.2 48.1 72.1
227 62.2 52.1 78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

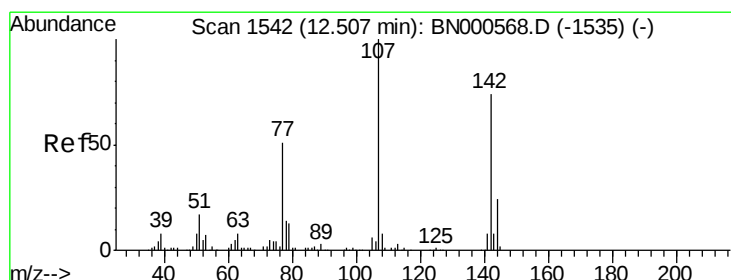
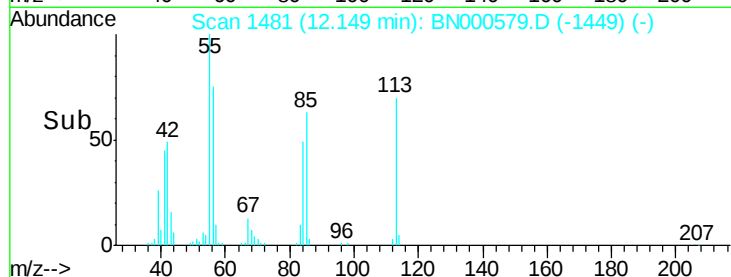
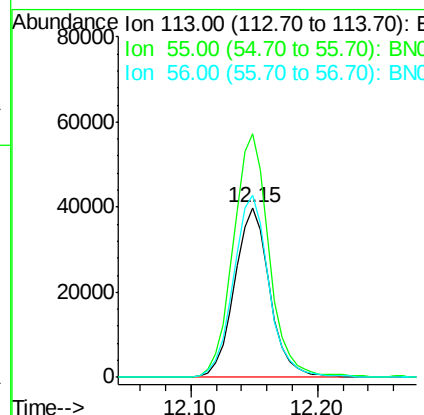
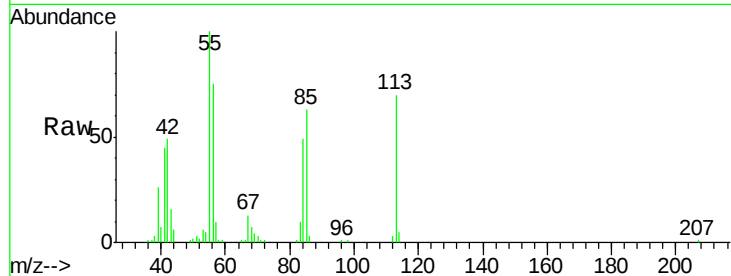




#32
 Caprolactam
 Concen: 20.184 ng/ul
 RT: 12.15 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

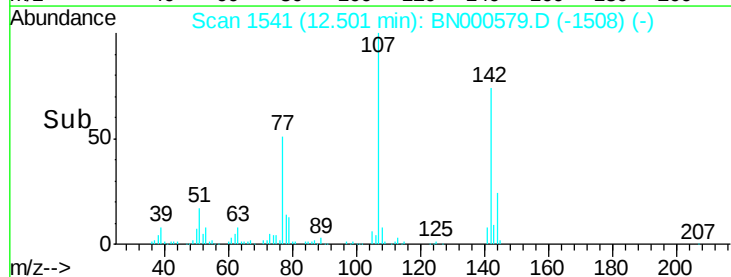
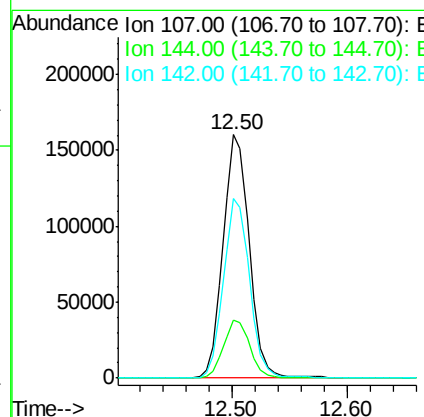
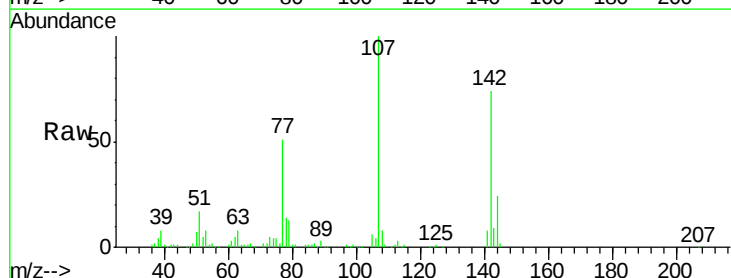
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02031

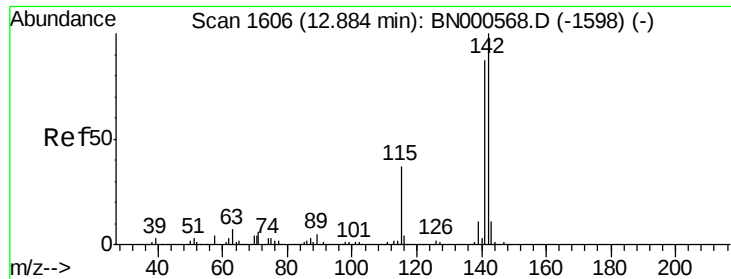
Tot Ion:113 Resp: 76619
 Ion Ratio Lower Upper
 113 100
 55 143.4 131.7 197.5
 56 107.4 92.7 139.1



#33
 4-Chloro-3-methylphenol
 Concen: 20.701 ng/ul
 RT: 12.50 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

Tgt Ion:107 Resp: 252714
 Ion Ratio Lower Upper
 107 100
 144 23.6 21.1 31.7
 142 73.9 60.1 90.1

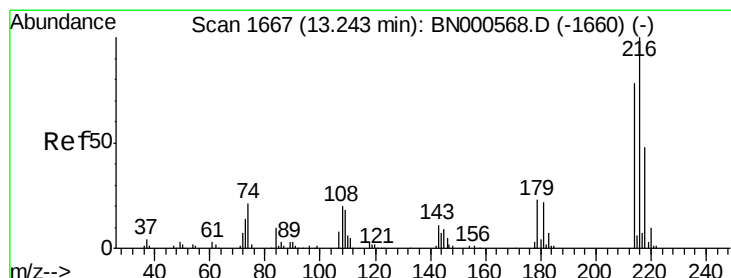
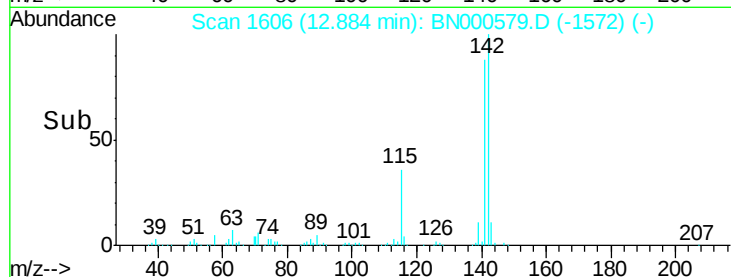
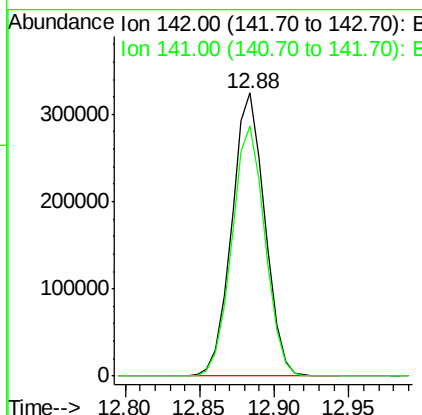
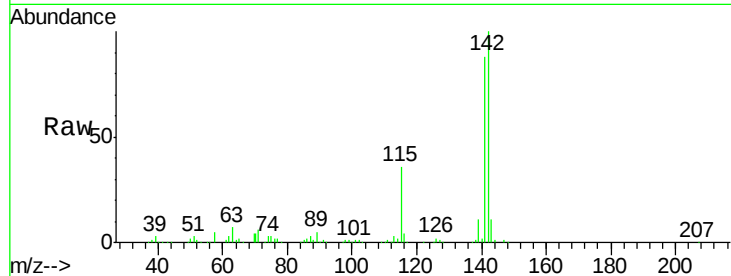




#34
 2-Methylnaphthalene
 Concen: 20.132 ng/ul
 RT: 12.88 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

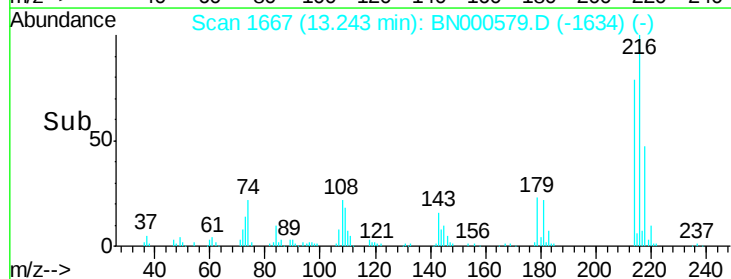
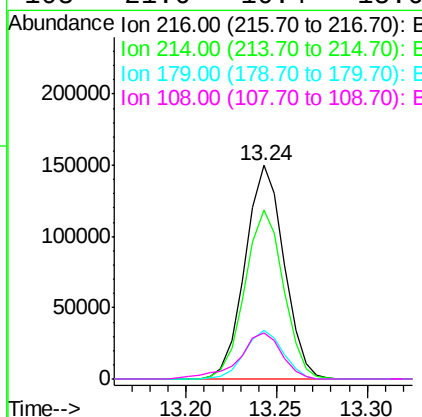
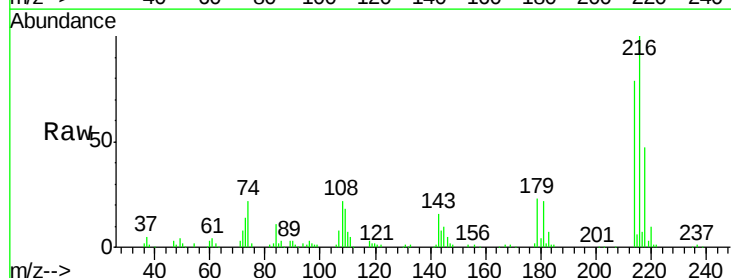
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02031

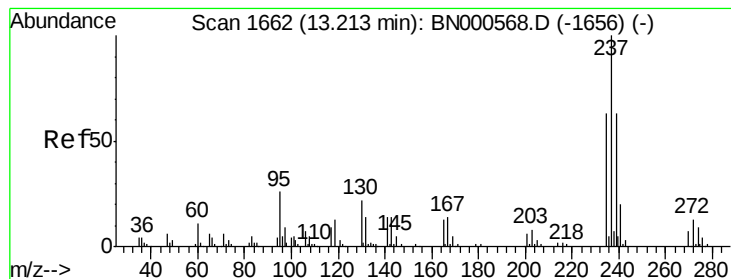
Tot Ion:142 Resp: 500711
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.4 107.2



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.011 ng/ul
 RT: 13.24 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

Tgt Ion:216 Resp: 223675
 Ion Ratio Lower Upper
 216 100
 214 79.2 64.1 96.1
 179 22.8 14.5 21.7#
 108 21.6 10.4 15.6#





#37

Hexachlorocyclopentadiene

Concen: 17.099 ng/ul

RT: 13.21 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

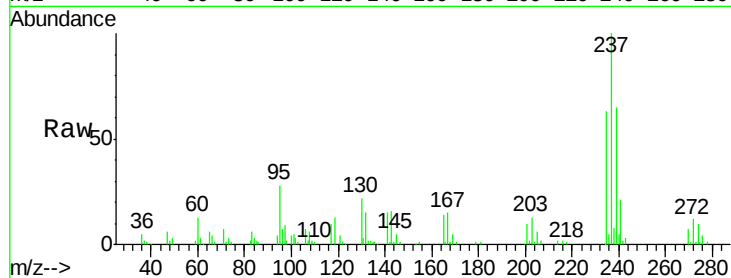
Tot Ion:237 Resp: 104903

Ion Ratio Lower Upper

237 100

235 63.5 49.5 74.3

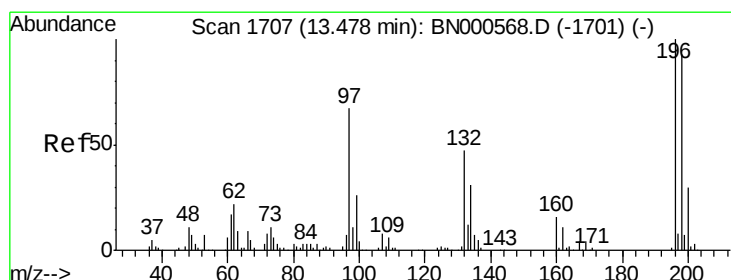
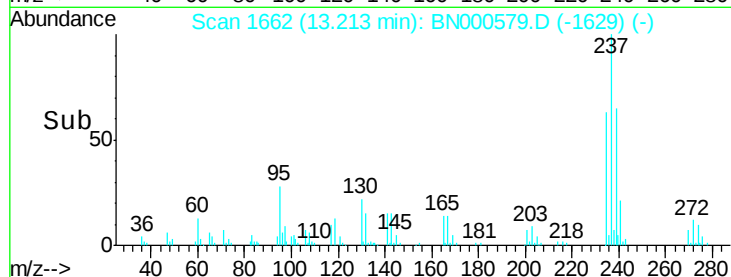
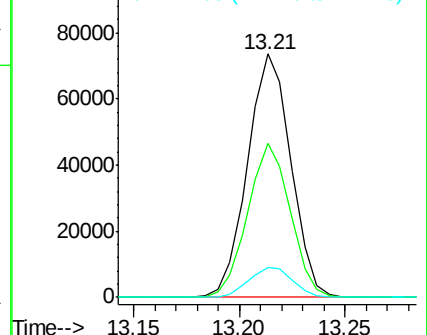
272 12.5 8.6 12.8



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: 18.594 ng/ul

RT: 13.48 min Scan# 1707

Delta R.T. 0.00 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

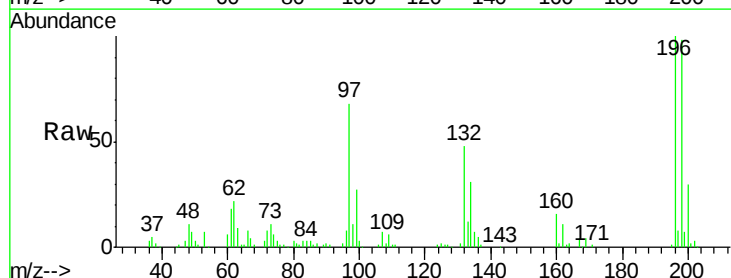
Tgt Ion:196 Resp: 148390

Ion Ratio Lower Upper

196 100

198 98.3 75.9 113.9

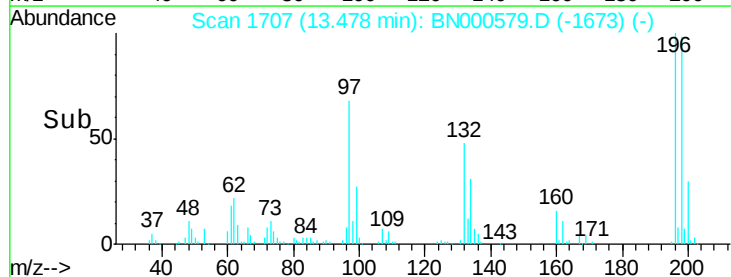
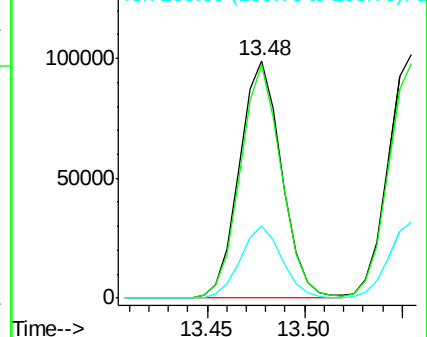
200 30.5 25.8 38.6

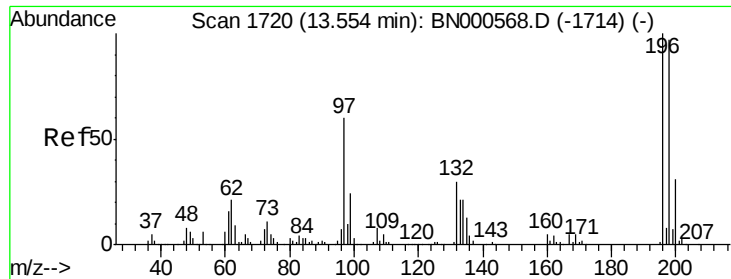


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

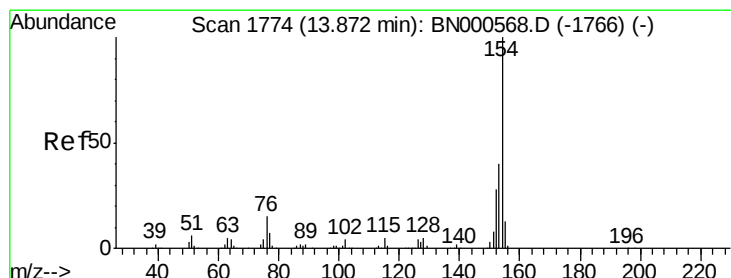
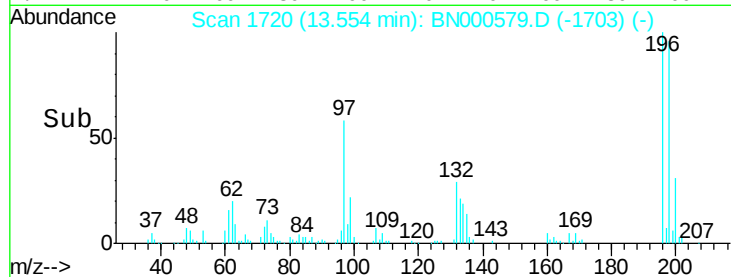
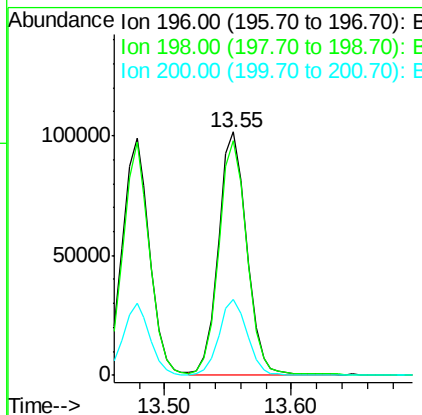
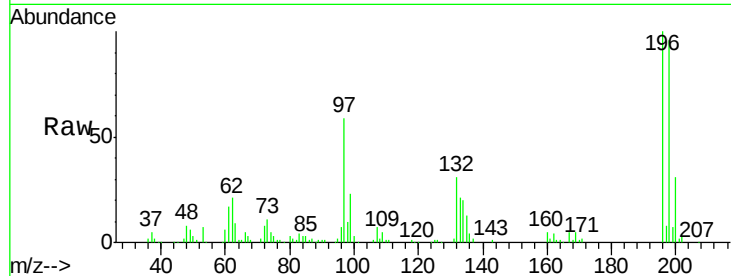




#39
 2,4,5-Trichlorophenol
 Concen: 18.827 ng/ul
 RT: 13.55 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

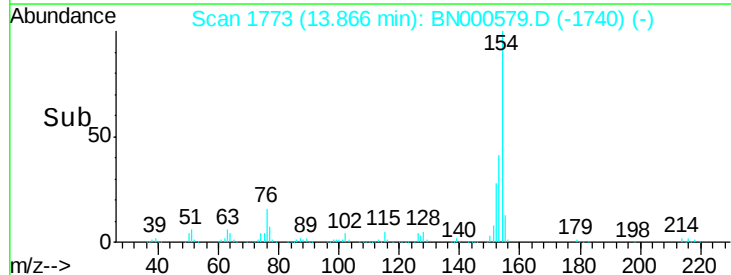
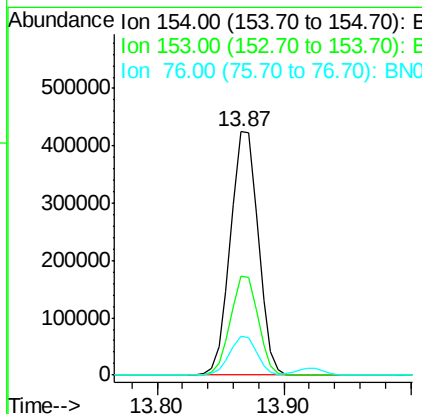
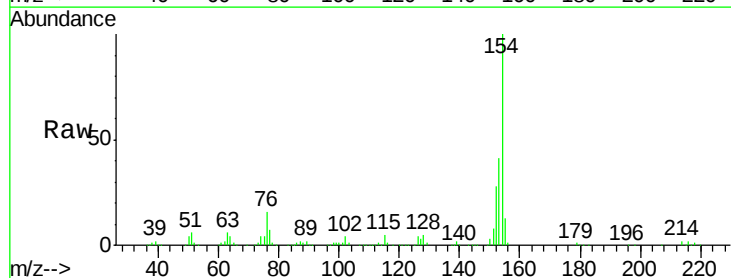
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02031

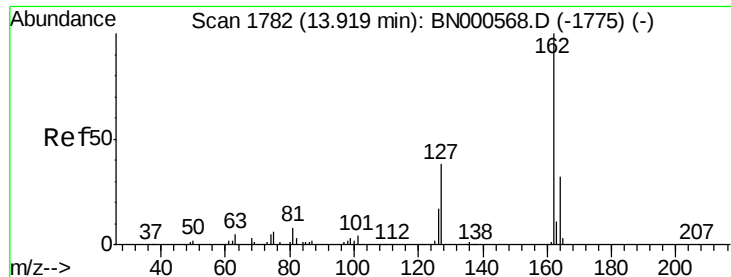
Tot Ion:196 Resp: 156670
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.7 112.1
 200 31.1 25.4 38.0



#40
 1,1'-Biphenyl
 Concen: 19.314 ng/ul
 RT: 13.87 min Scan# 1773
 Delta R.T. -0.01 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

Tgt Ion:154 Resp: 643901
 Ion Ratio Lower Upper
 154 100
 153 40.8 34.0 51.0
 76 16.0 8.4 12.6#

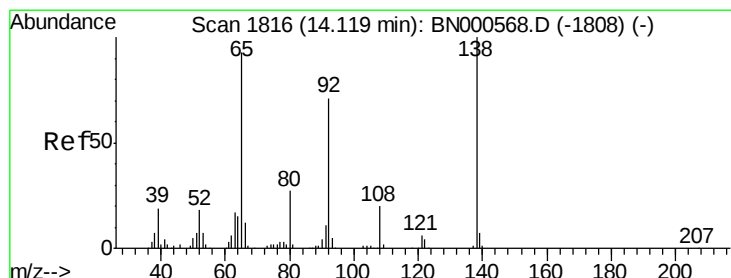
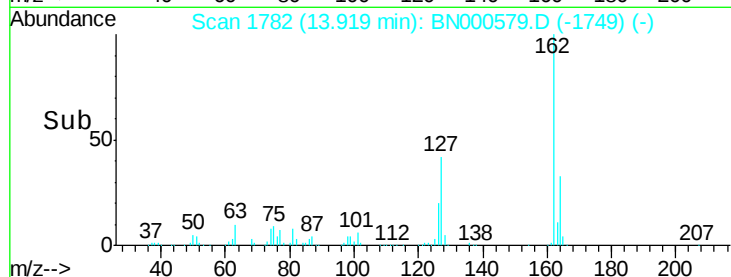
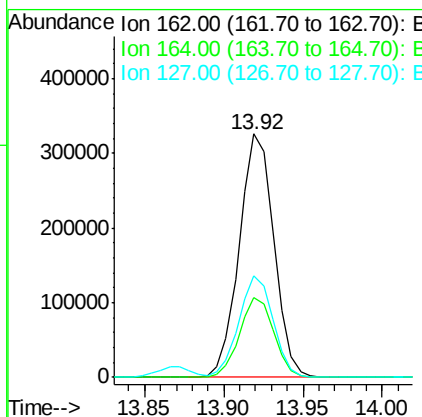
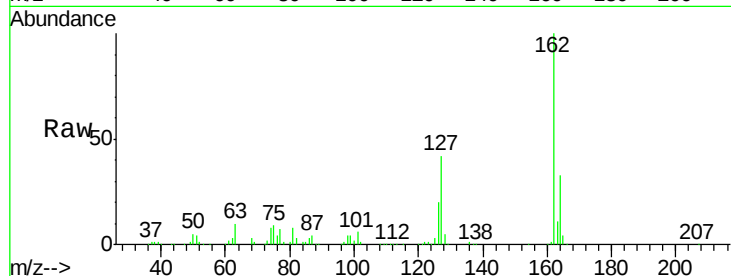




#41
2-Chloronaphthalene
Concen: 19.266 ng/ul
RT: 13.92 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

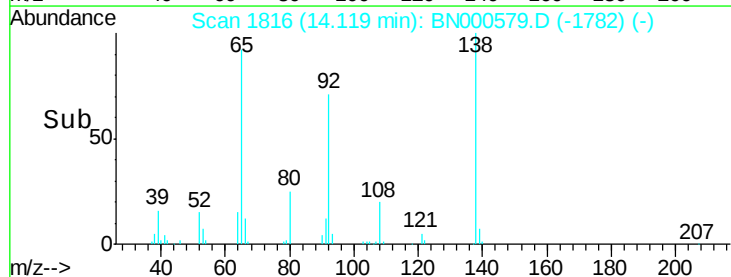
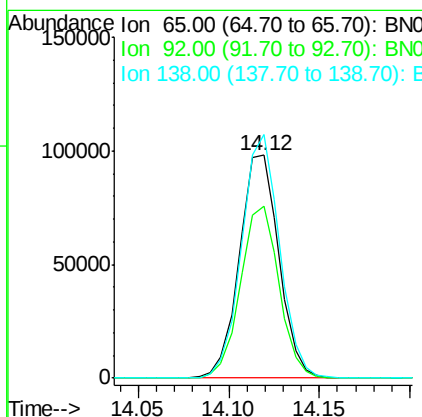
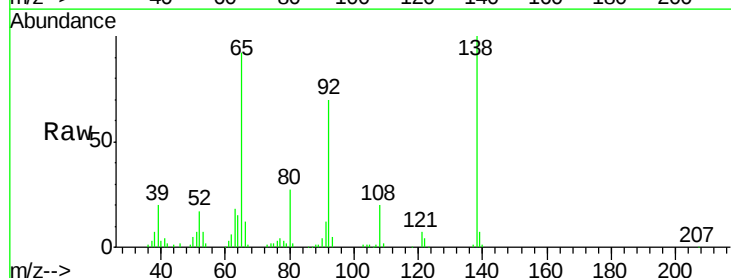
Instrument :
BNA_N
ClientSampleId :
SSTD02031

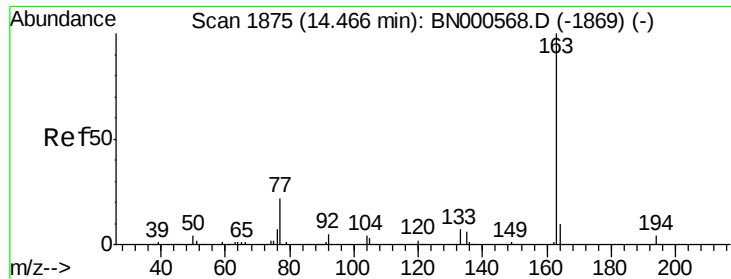
Tot Ion:162 Resp: 495113
Ion Ratio Lower Upper
162 100
164 32.6 26.2 39.4
127 41.8 29.5 44.3



#42
2-Nitroaniline
Concen: 19.125 ng/ul
RT: 14.12 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

Tgt Ion: 65 Resp: 148914
Ion Ratio Lower Upper
65 100
92 76.9 57.0 85.4
138 109.3 87.2 130.8





#44

Dimethylphthalate

Concen: 20.231 ng/ul

RT: 14.47 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

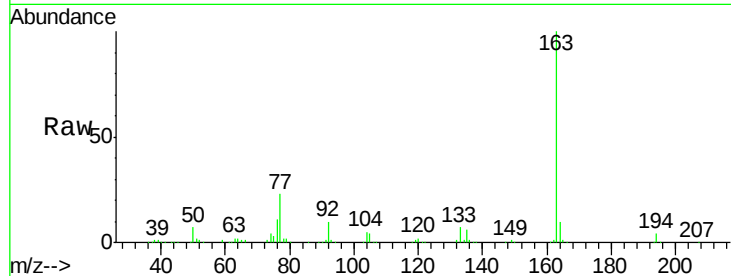
Tot Ion:163 Resp: 619145

Ion Ratio Lower Upper

163 100

194 3.8 4.0 6.0#

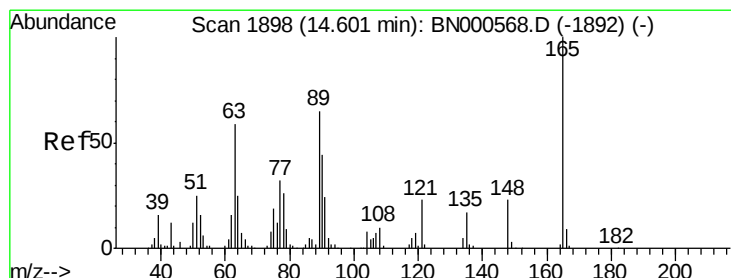
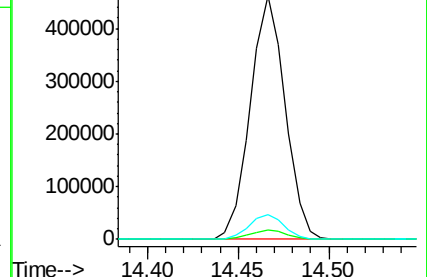
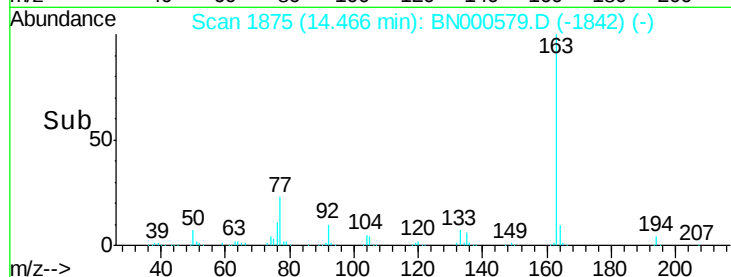
164 10.2 8.4 12.6



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: 19.755 ng/ul

RT: 14.60 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

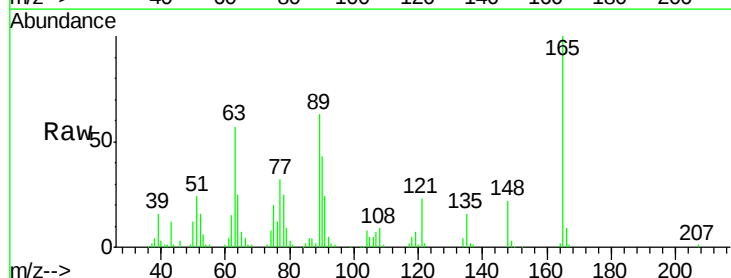
Tgt Ion:165 Resp: 121830

Ion Ratio Lower Upper

165 100

89 63.2 43.8 65.8

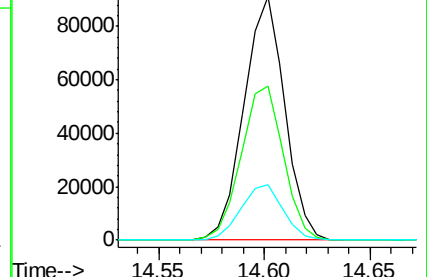
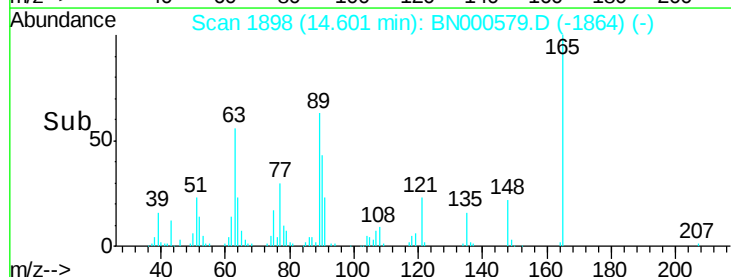
121 22.9 17.8 26.6

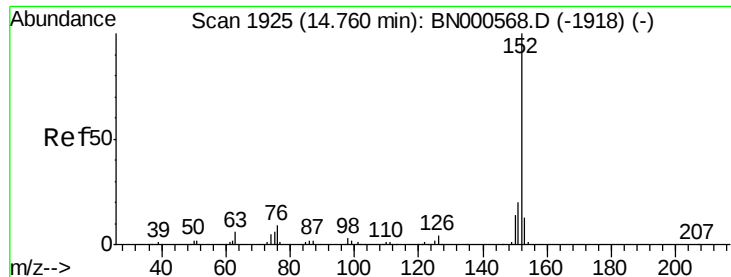


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.557 ng/ul

RT: 14.76 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

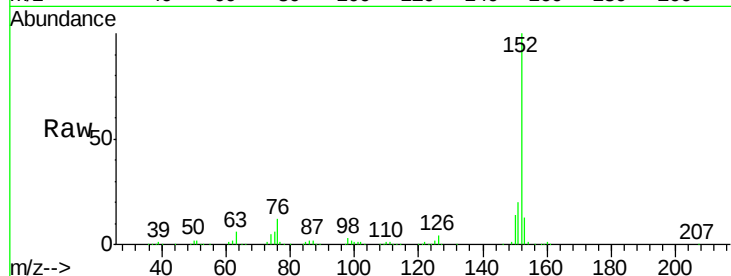
Tot Ion:152 Resp: 782008

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

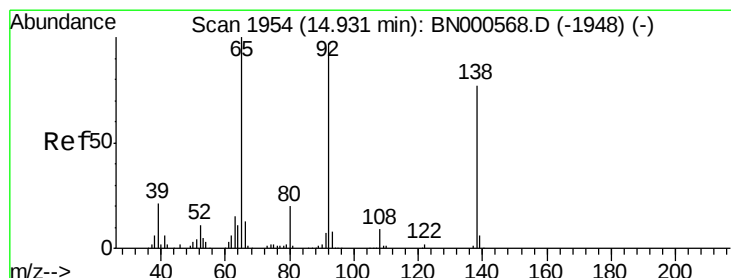
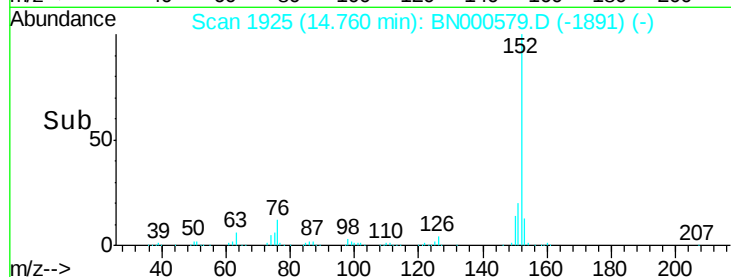
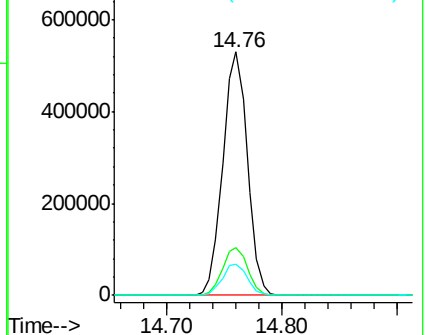
153 12.9 10.8 16.2



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: 21.225 ng/ul

RT: 14.93 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

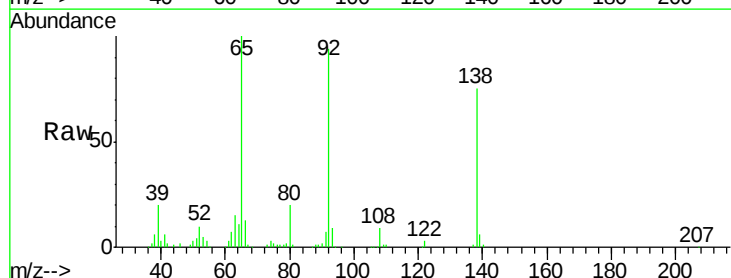
Tgt Ion:138 Resp: 126377

Ion Ratio Lower Upper

138 100

108 12.1 7.6 11.4#

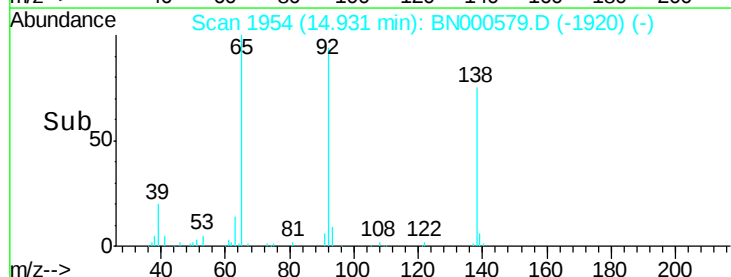
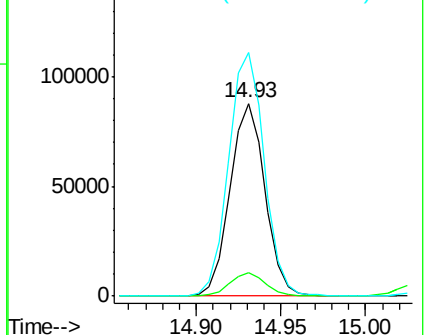
92 126.2 94.2 141.2

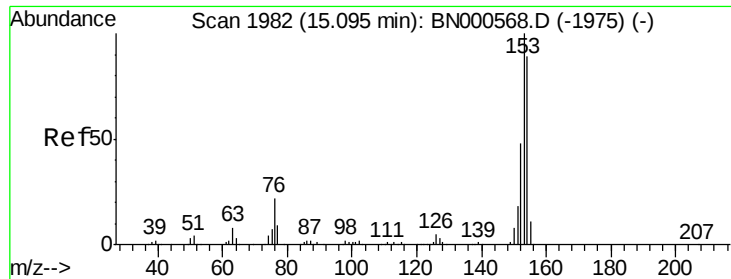


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC





#49

Acenaphthene

Concen: 19.480 ng/ul

RT: 15.10 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

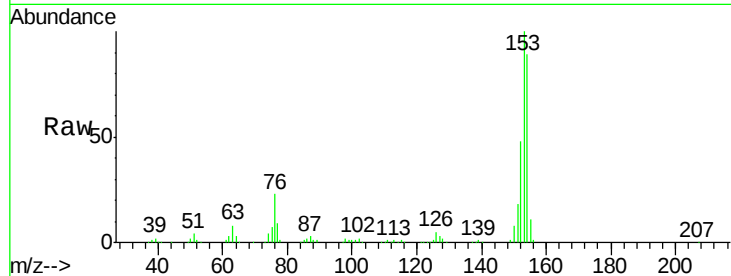
Tot Ion:153 Resp: 531100

Ion Ratio Lower Upper

153 100

152 48.1 37.9 56.9

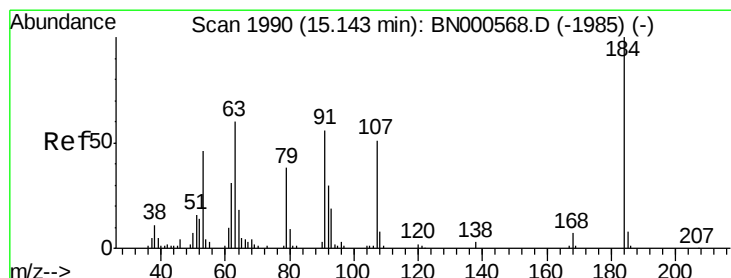
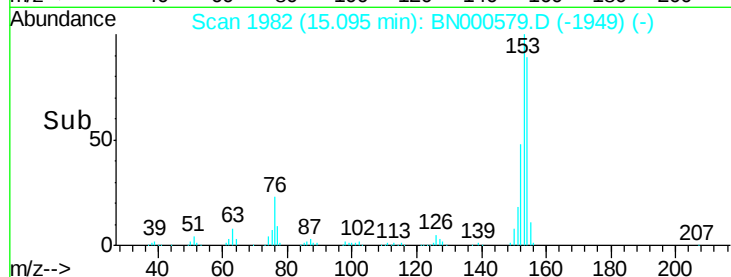
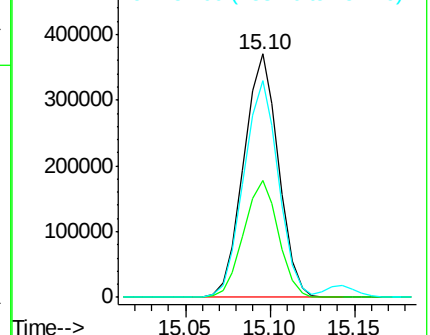
154 89.0 69.8 104.6



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: 13.466 ng/ul

RT: 15.14 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

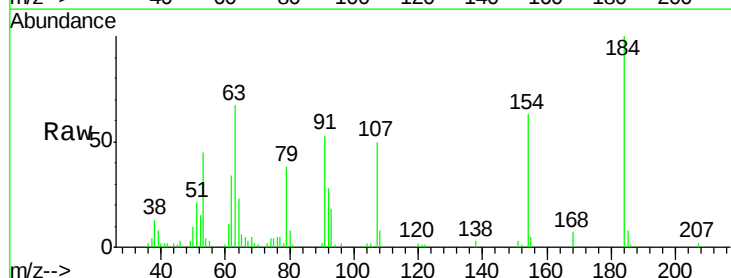
Tgt Ion:184 Resp: 39180

Ion Ratio Lower Upper

184 100

63 67.5 39.7 59.5#

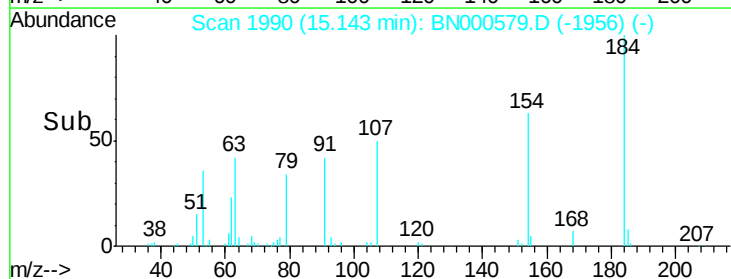
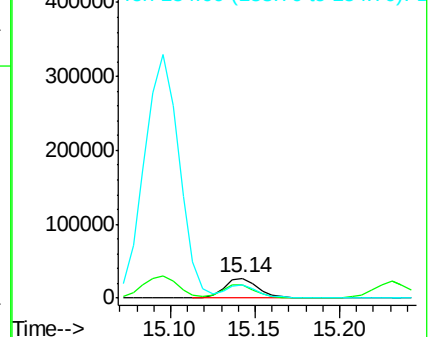
154 63.1 45.0 67.6

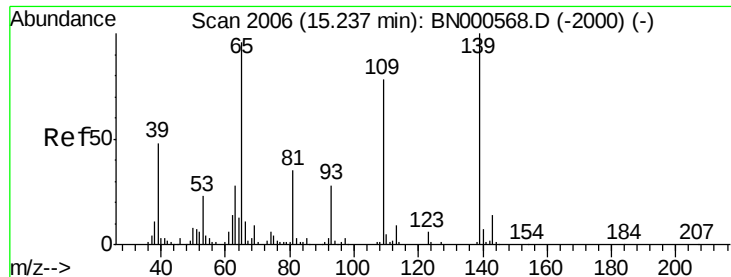


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.344 ng/ul

RT: 15.23 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

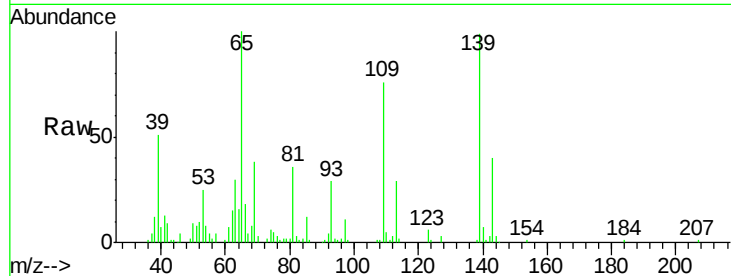
Tot Ion:109 Resp: 85880

Ion Ratio Lower Upper

109 100

139 129.9 91.2 136.8

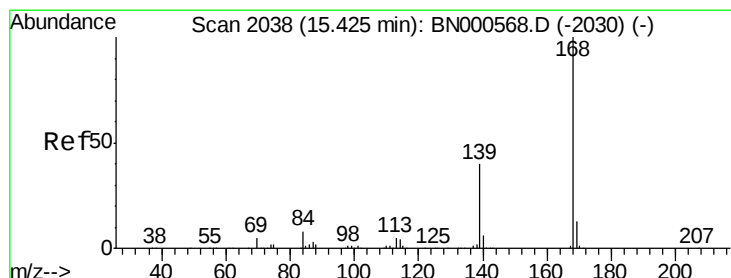
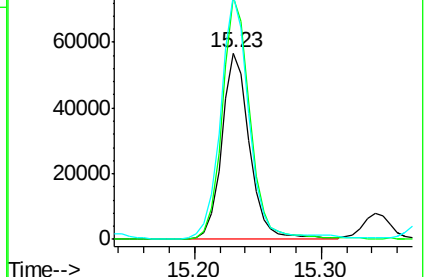
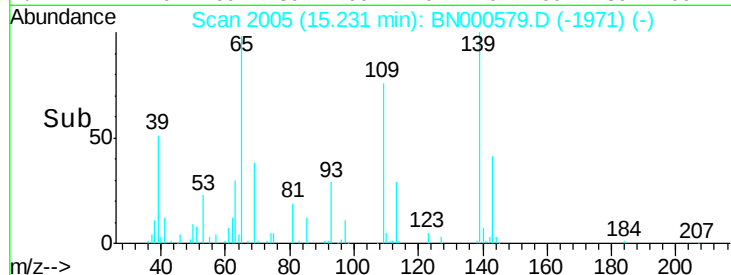
65 130.8 92.6 139.0



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: 19.961 ng/ul

RT: 15.42 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BN000579.D

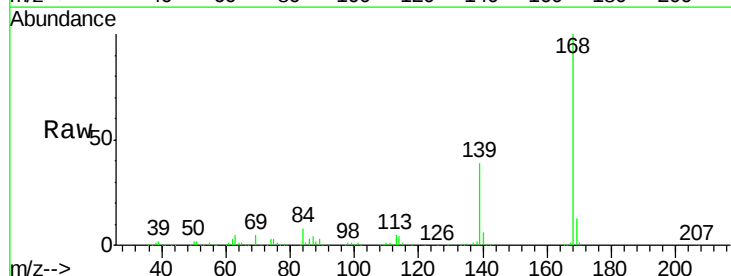
Acq: 23 Mar 2018 15:58

Tgt Ion:168 Resp: 739147

Ion Ratio Lower Upper

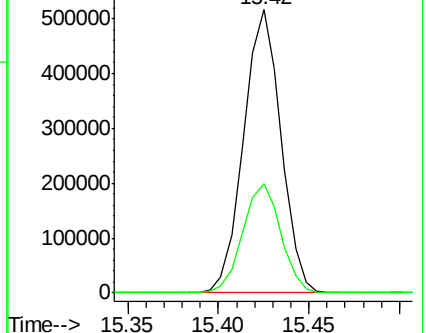
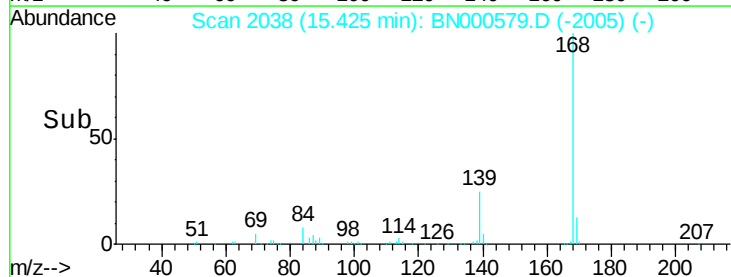
168 100

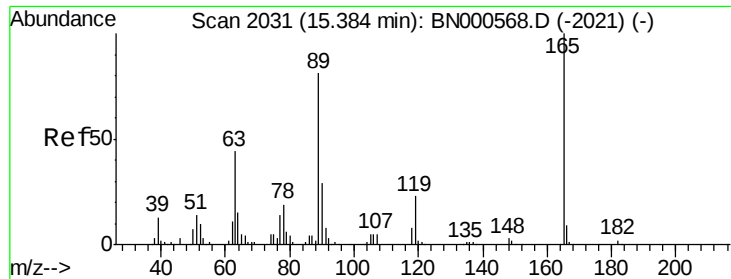
139 38.8 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

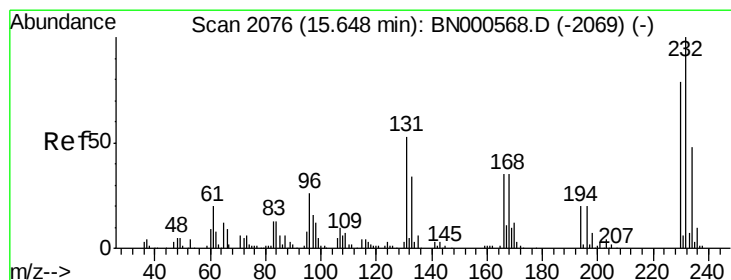
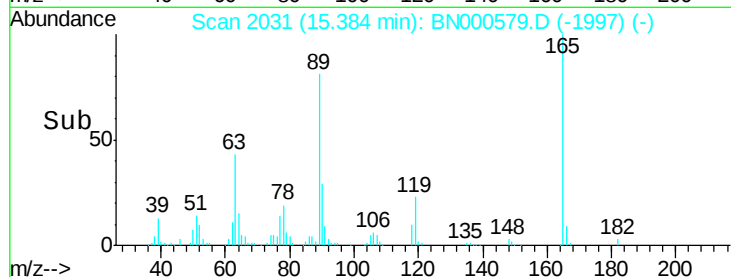
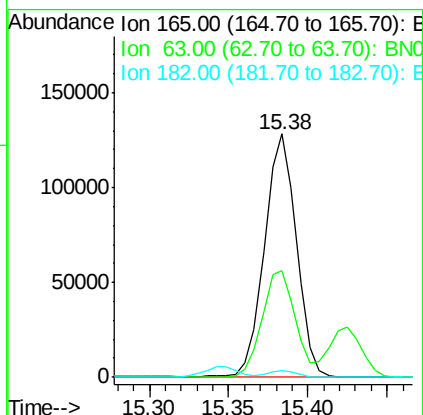
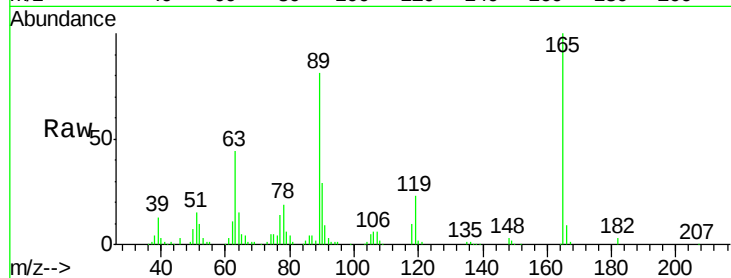




#54
 2,4-Dinitrotoluene
 Concen: 20.637 ng/ul
 RT: 15.38 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

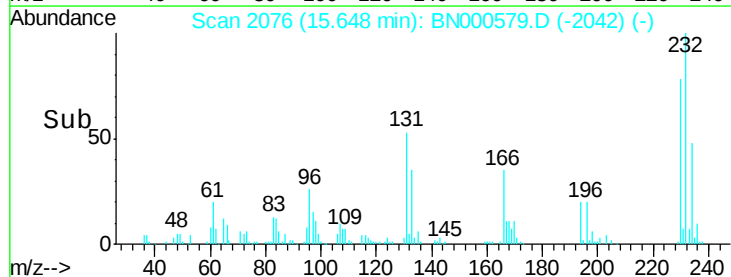
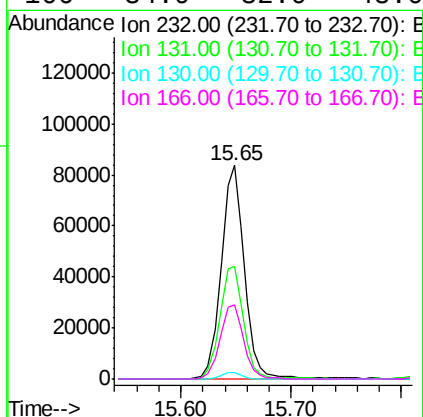
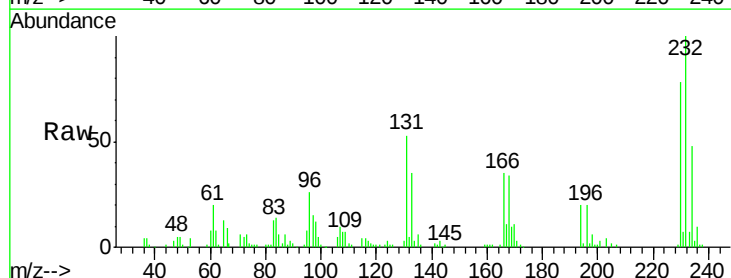
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02031

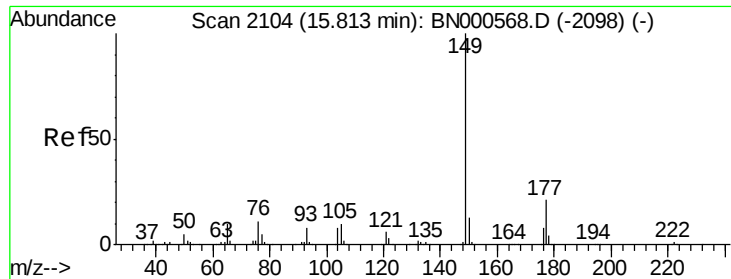
Tot Ion:165 Resp: 180431
 Ion Ratio Lower Upper
 165 100
 63 43.8 31.4 47.0
 182 2.6 2.7 4.1#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.276 ng/ul
 RT: 15.65 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

Tgt Ion:232 Resp: 122493
 Ion Ratio Lower Upper
 232 100
 131 52.6 48.0 72.0
 130 2.8 4.0 6.0#
 166 34.9 32.0 48.0

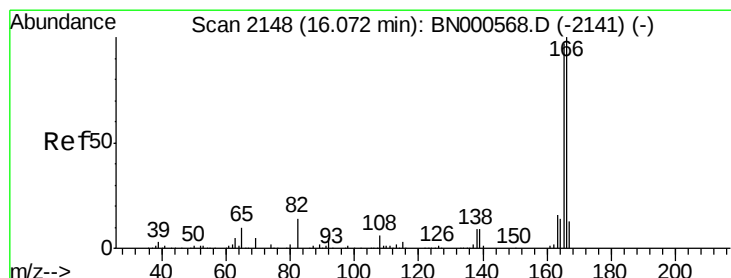
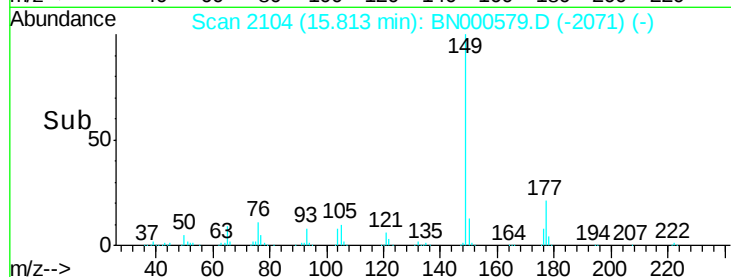
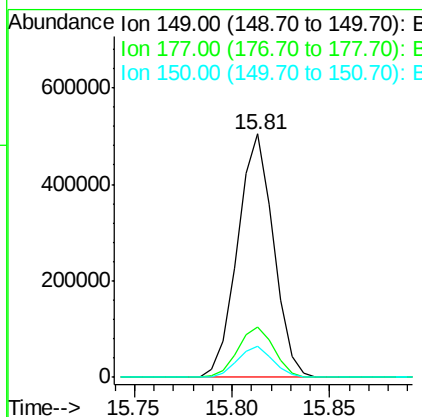
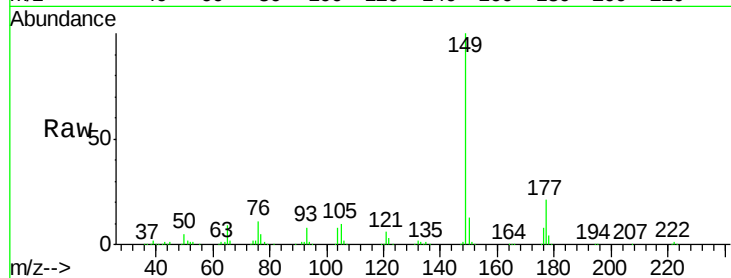




#56
Diethylphthalate
Concen: 20.532 ng/ul
RT: 15.81 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

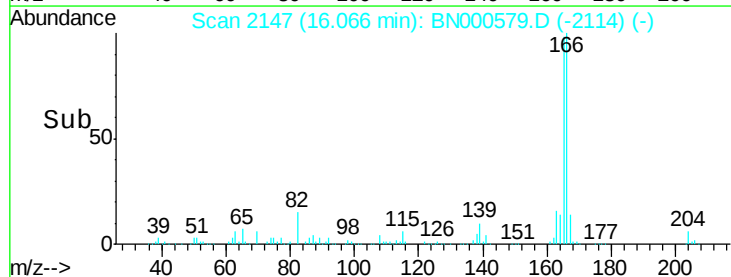
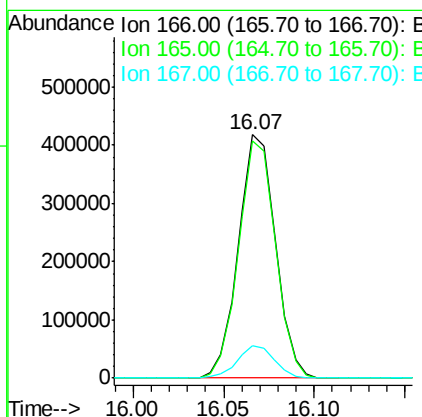
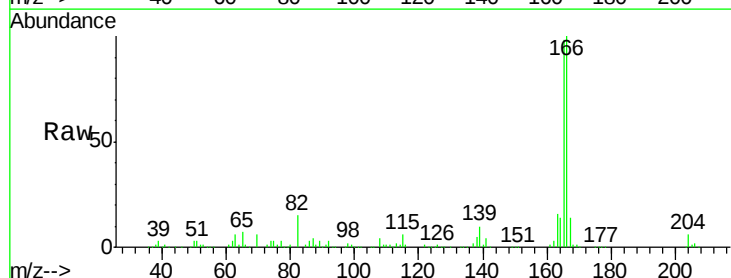
Instrument :
BNA_N
ClientSampleId :
SSTD02031

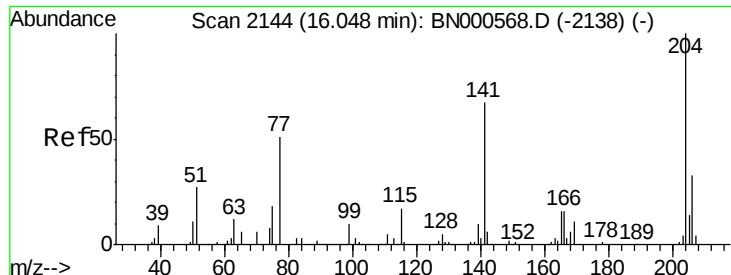
Tot Ion:149 Resp: 641356
Ion Ratio Lower Upper
149 100
177 20.9 19.3 28.9
150 12.6 10.6 15.8



#58
Fluorene
Concen: 20.214 ng/ul
RT: 16.07 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

Tgt Ion:166 Resp: 594817
Ion Ratio Lower Upper
166 100
165 97.6 78.4 117.6
167 13.5 11.1 16.7

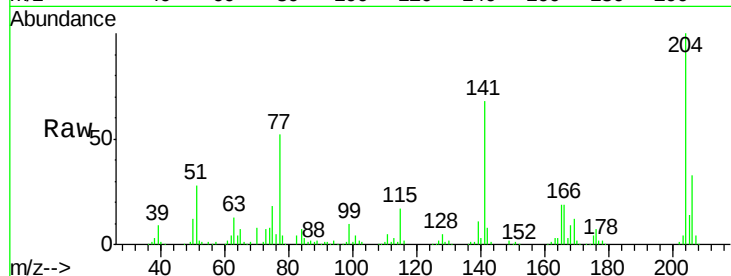




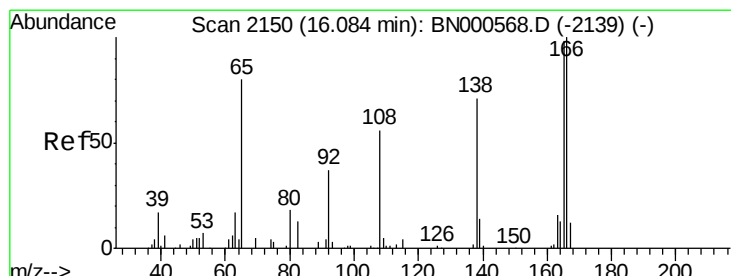
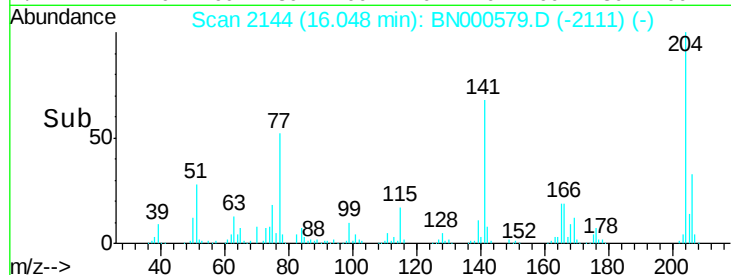
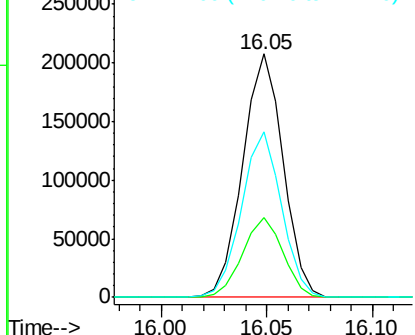
#59
 4-Chlorophenyl-phenylether
 Concen: 20.287 ng/ul
 RT: 16.05 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

Instrument :
 BNA_N
 ClientSampleId :
 SST02031

Tot Ion:204 Resp: 275839
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.6 40.0
 141 67.9 40.7 61.1#

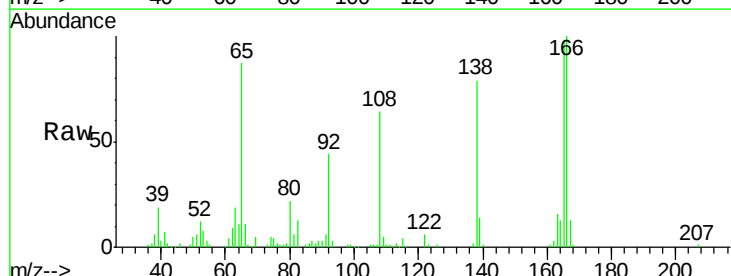


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

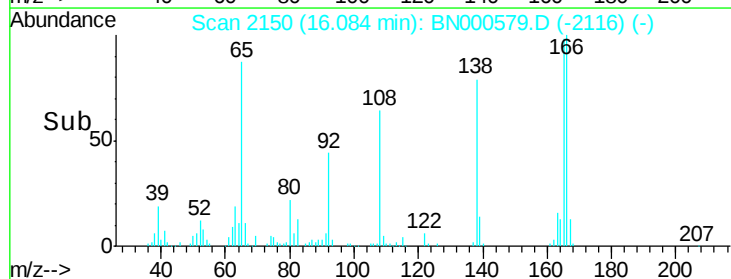
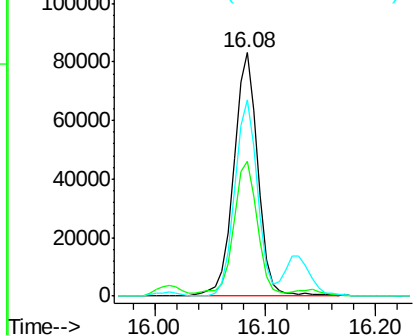


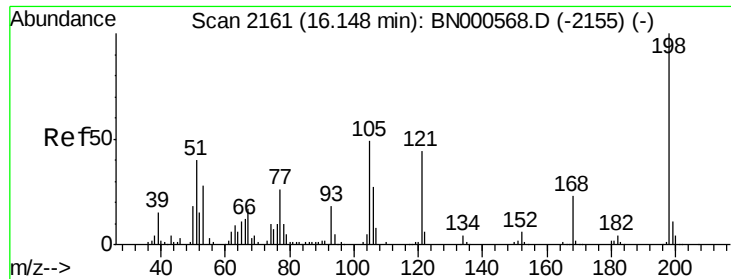
#60
 4-Nitroaniline
 Concen: 19.158 ng/ul
 RT: 16.08 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

Tgt Ion:138 Resp: 128154
 Ion Ratio Lower Upper
 138 100
 92 55.3 38.2 57.4
 108 80.8 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

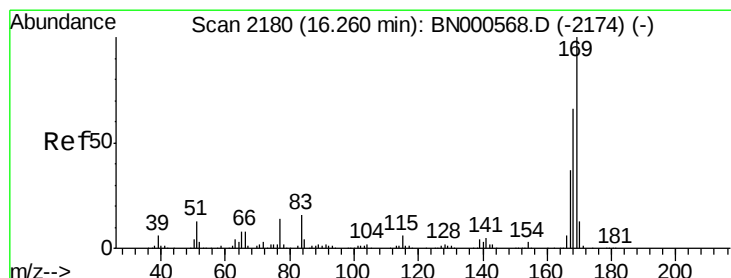
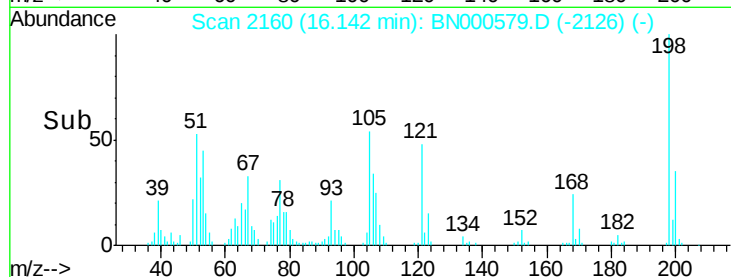
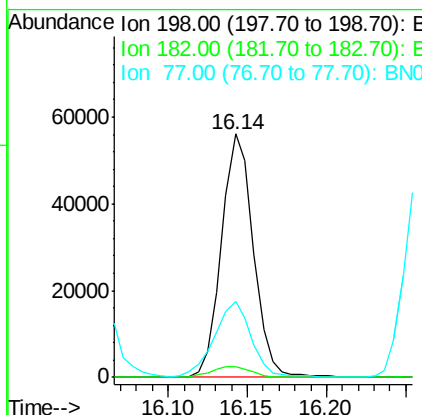
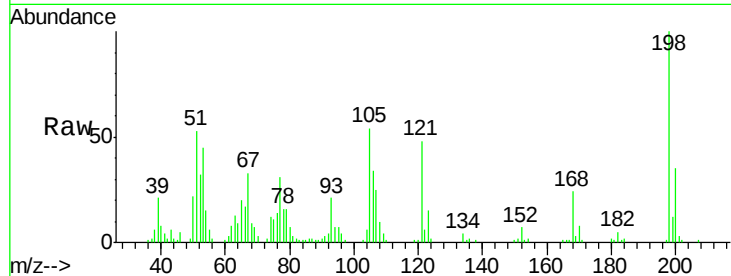




#63
 4,6-Dinitro-2-methylphenol
 Concen: 15.532 ng/ul
 RT: 16.14 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

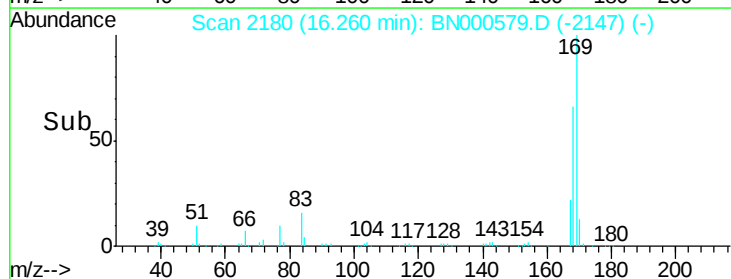
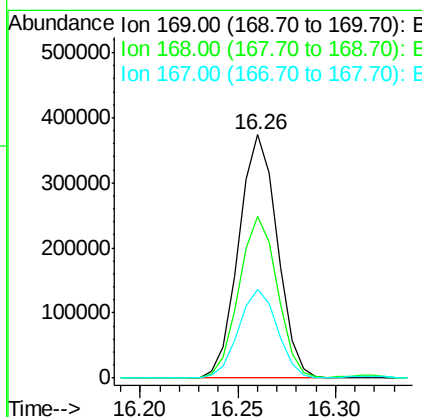
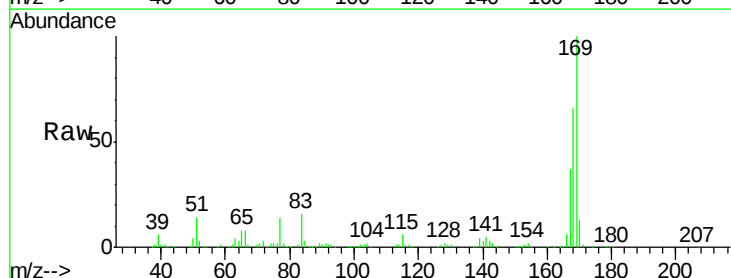
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02031

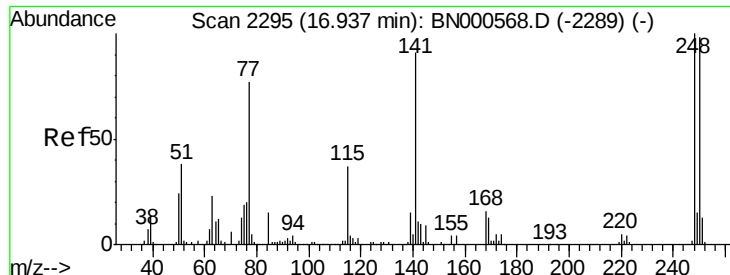
Tot Ion:198 Resp: 78361
 Ion Ratio Lower Upper
 198 100
 182 4.5 3.5 5.3
 77 31.4 18.2 27.4#



#64
 N-Nitrosodiphenylamine
 Concen: 18.683 ng/ul
 RT: 16.26 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

Tgt Ion:169 Resp: 513587
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.8 80.8
 167 36.6 29.5 44.3

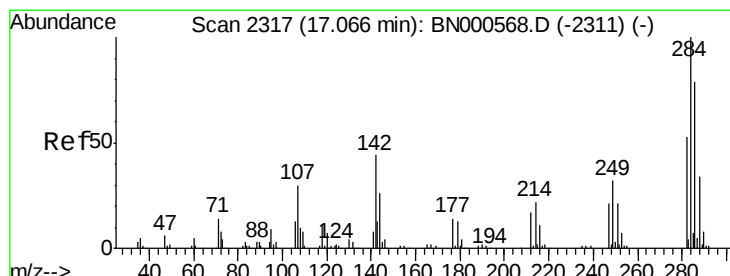
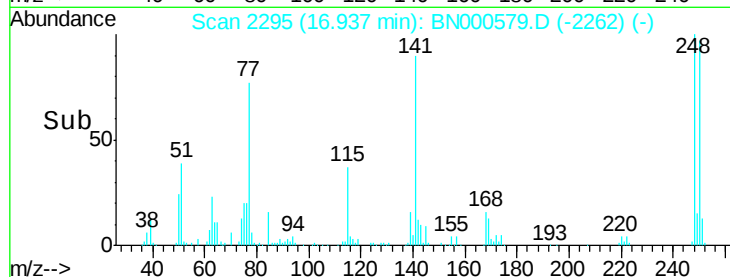
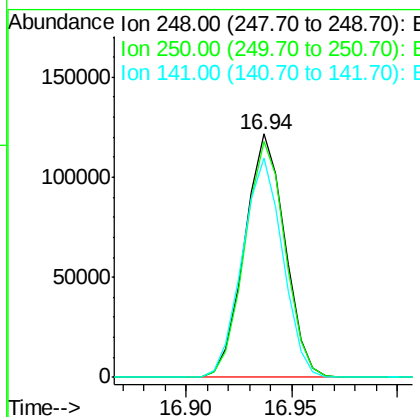
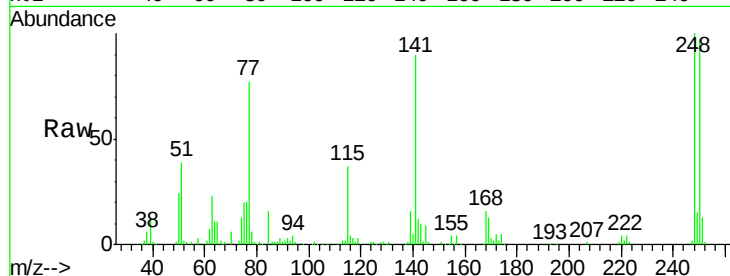




#65
4-Bromophenyl-phenylether
Concen: 18.997 ng/ul
RT: 16.94 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

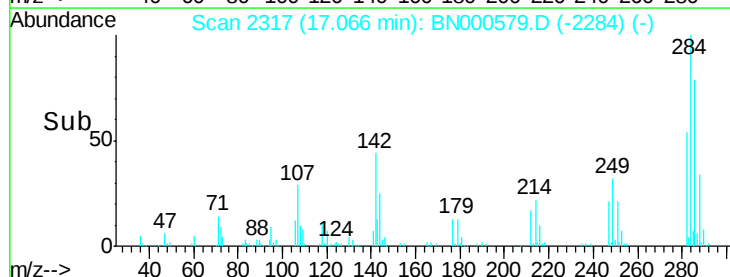
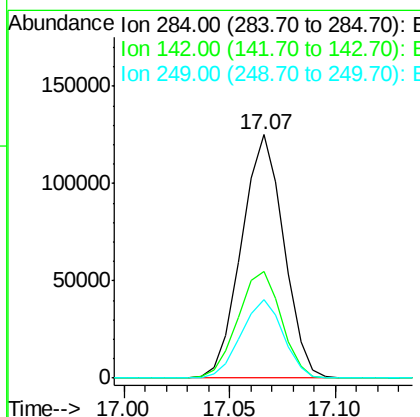
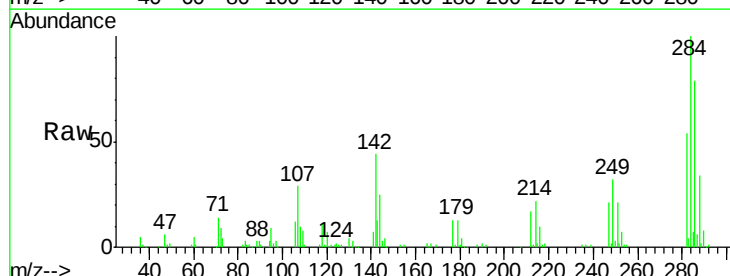
Instrument :
BNA_N
ClientSampleId :
SSTD02031

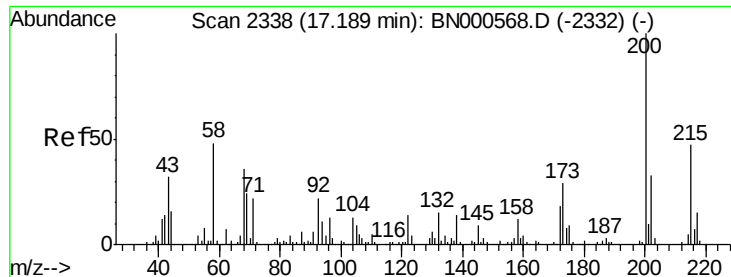
Tot Ion:248 Resp: 161573
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.4
141 90.2 51.9 77.9#



#66
Hexachlorobenzene
Concen: 19.409 ng/ul
RT: 17.07 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

Tgt Ion:284 Resp: 174300
Ion Ratio Lower Upper
284 100
142 43.7 21.3 31.9#
249 32.0 26.3 39.5

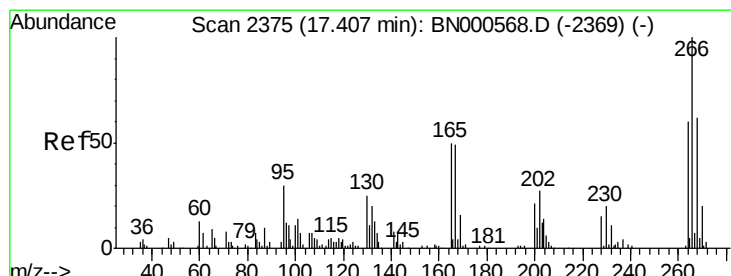
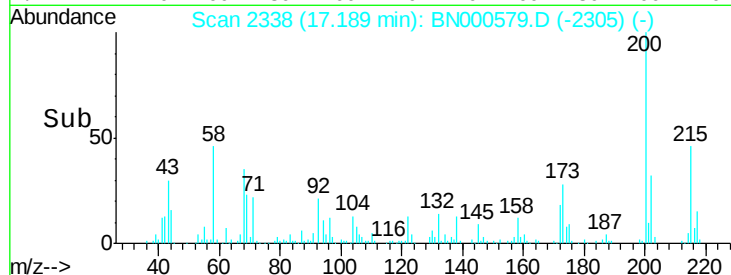
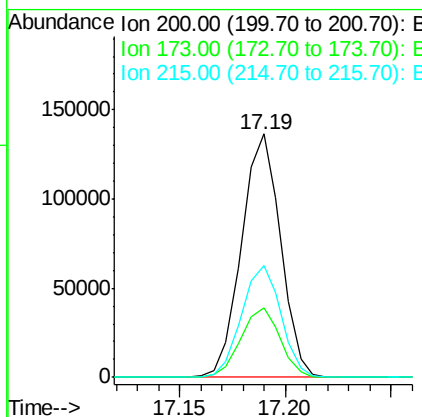
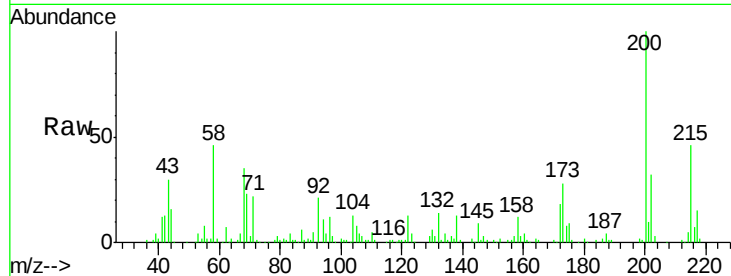




#67
 Atrazine
 Concen: 21.088 ng/ul
 RT: 17.19 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

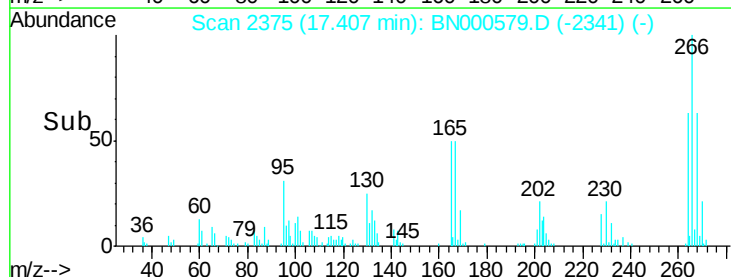
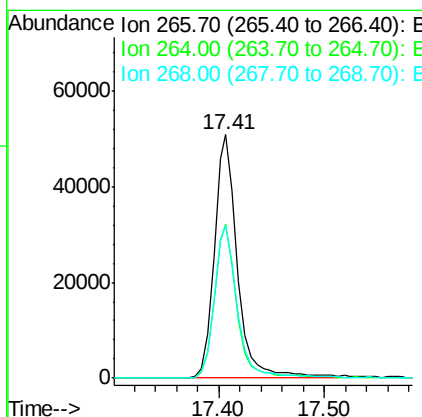
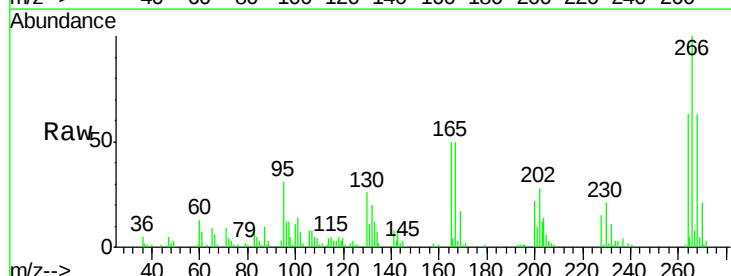
Instrument :
 BNA_N
 ClientSampleId :
 SSTD02031

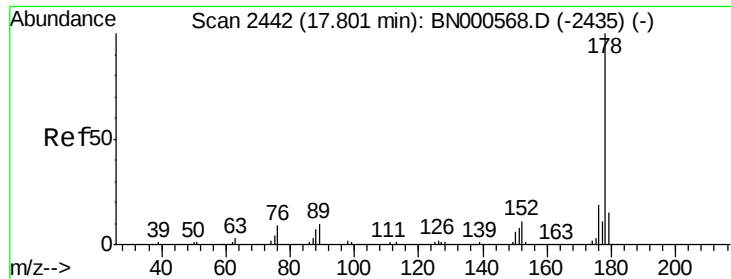
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	20.6	31.0
215	46.2	39.8	59.6



#68
 Pentachlorophenol
 Concen: 16.443 ng/ul
 RT: 17.41 min Scan# 2375
 Delta R.T. 0.00 min
 Lab File: BN000579.D
 Acq: 23 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.4	48.2	72.4
268	62.8	52.3	78.5





#69

Phenanthrene

Concen: 19.448 ng/ul

RT: 17.80 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

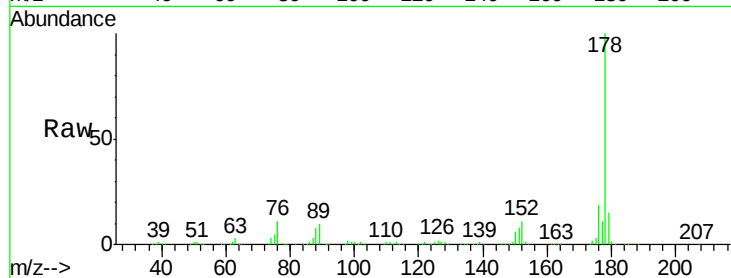
Tot Ion:178 Resp: 934870

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

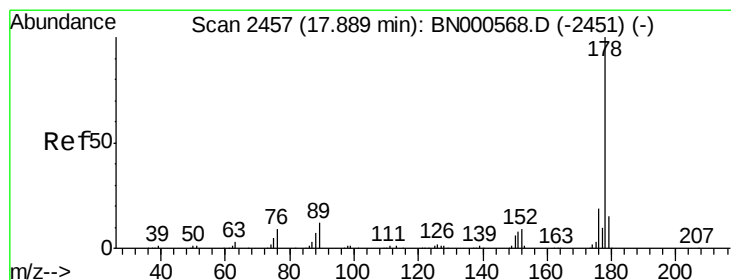
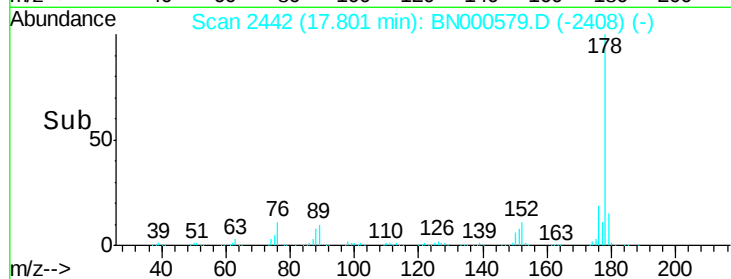
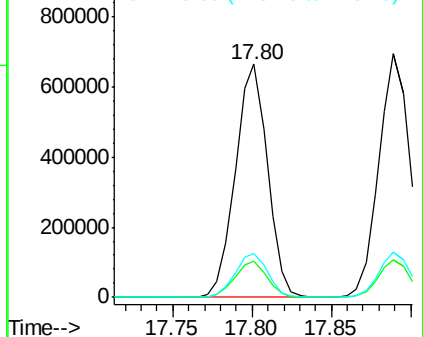
176 18.8 15.4 23.0



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: 19.310 ng/ul

RT: 17.89 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

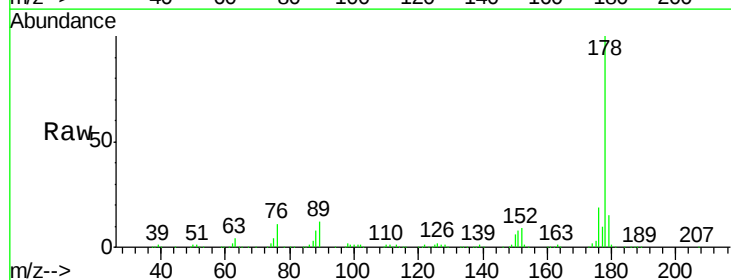
Tgt Ion:178 Resp: 951777

Ion Ratio Lower Upper

178 100

179 15.3 13.4 20.2

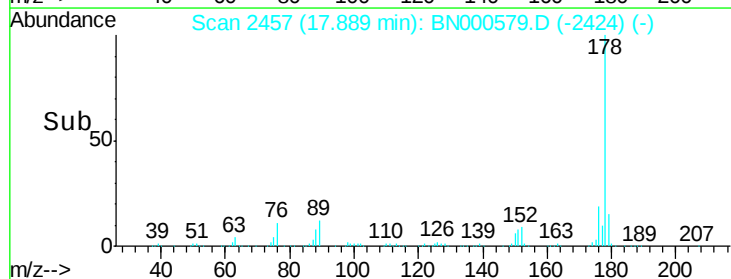
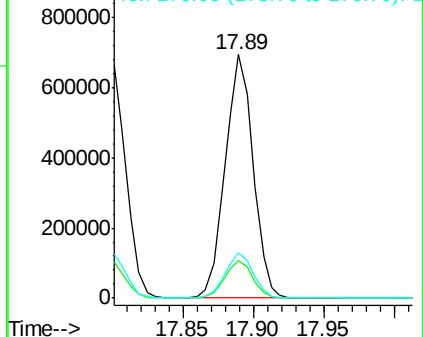
176 18.7 15.4 23.0

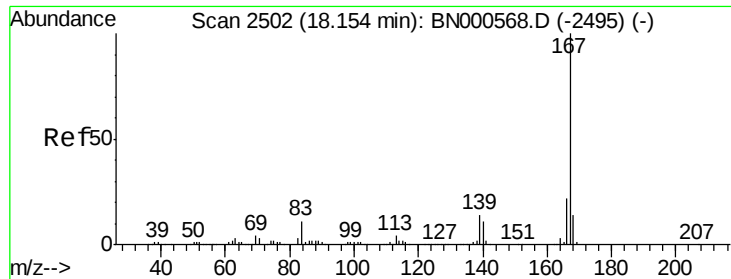


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.494 ng/ul

RT: 18.15 min Scan# 2502

Delta R.T. 0.00 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

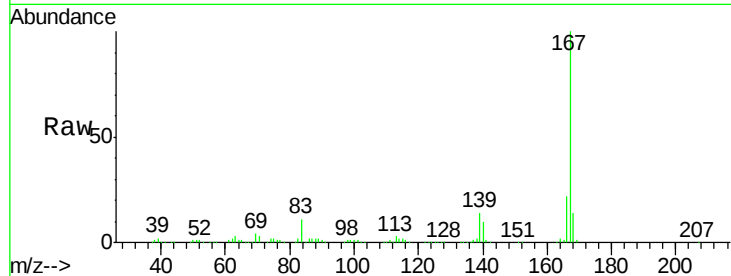
Tot Ion:167 Resp: 866256

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.4

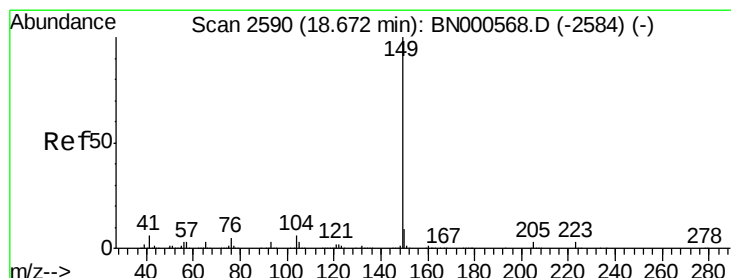
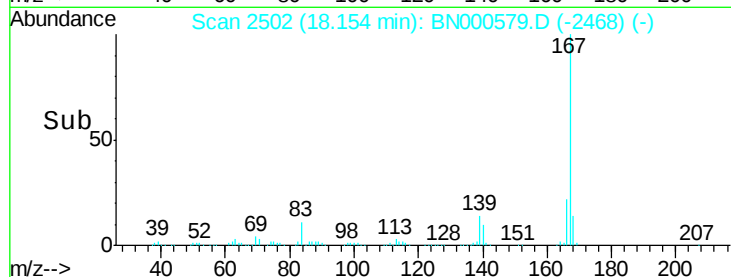
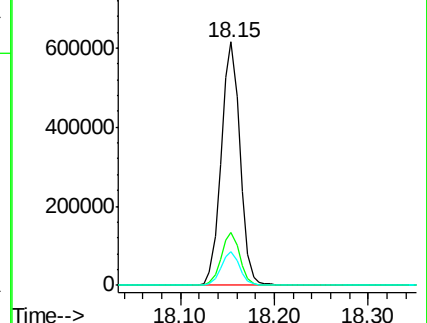
139 13.7 9.1 13.7#



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: 18.732 ng/ul

RT: 18.67 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

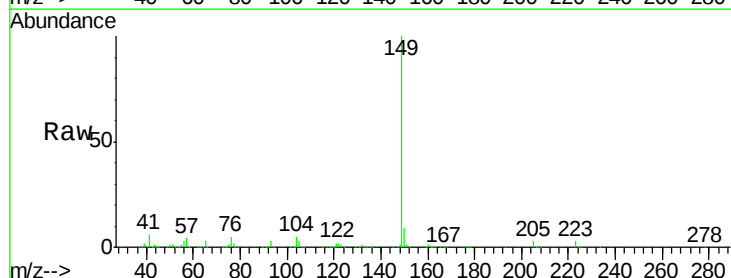
Tgt Ion:149 Resp: 1076719

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

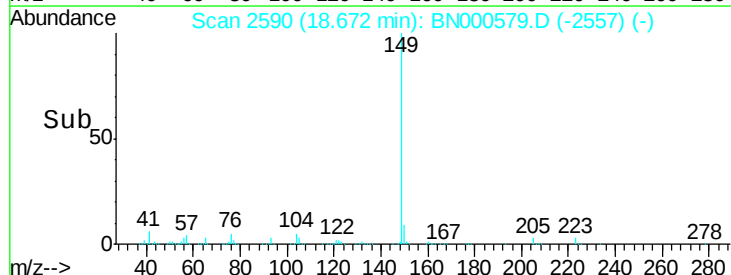
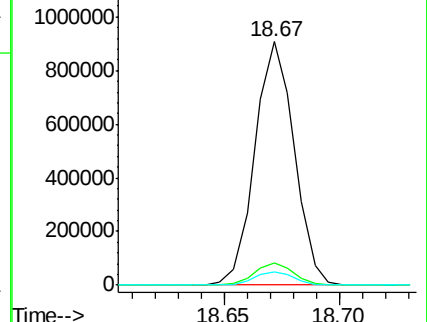
104 5.4 4.1 6.1

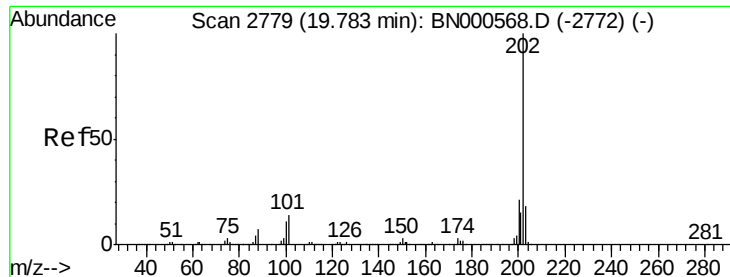


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 21.555 ng/ul

RT: 19.78 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

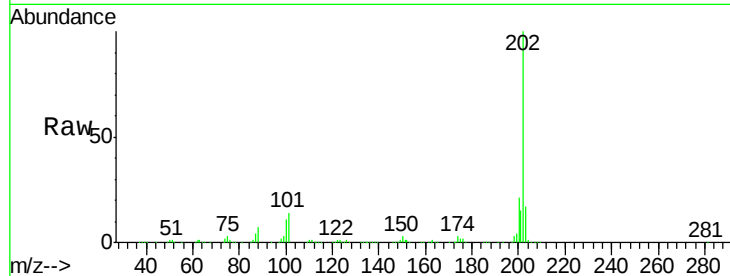
Tot Ion:202 Resp: 1029661

Ion Ratio Lower Upper

202 100

101 14.3 6.1 9.1#

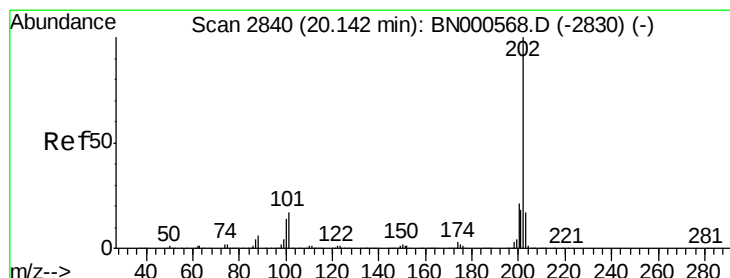
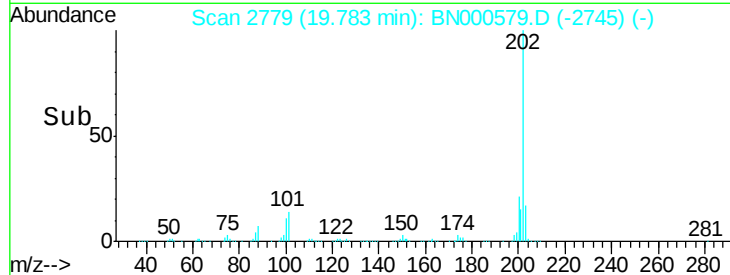
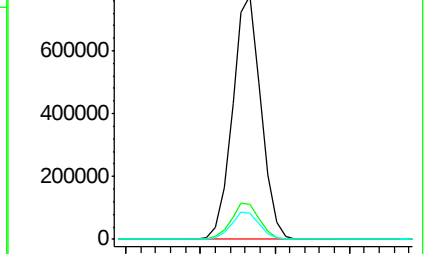
100 10.8 4.6 7.0#



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: 18.381 ng/ul

RT: 20.14 min Scan# 2840

Delta R.T. 0.00 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

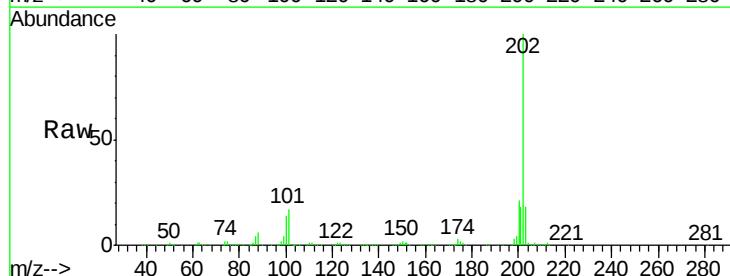
Tgt Ion:202 Resp: 1041107

Ion Ratio Lower Upper

202 100

101 17.5 6.9 10.3#

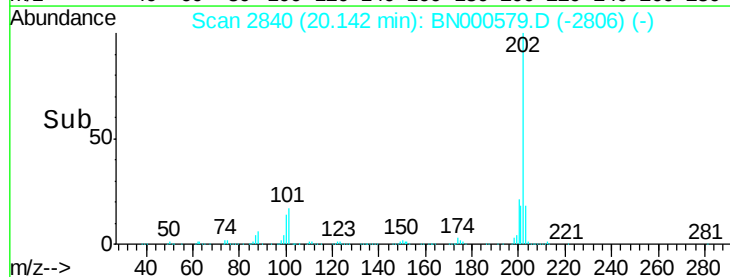
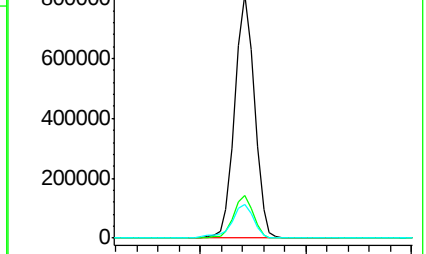
100 14.0 5.6 8.4#

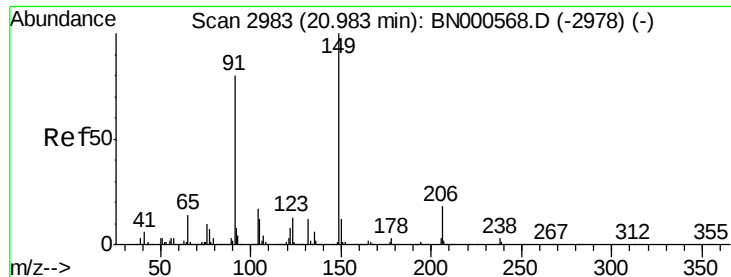


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

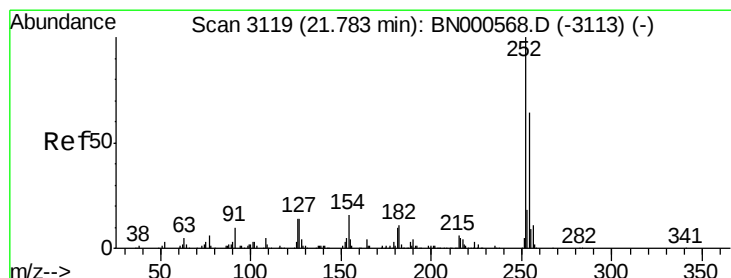
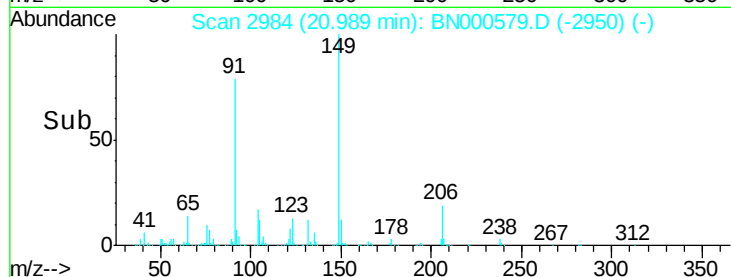
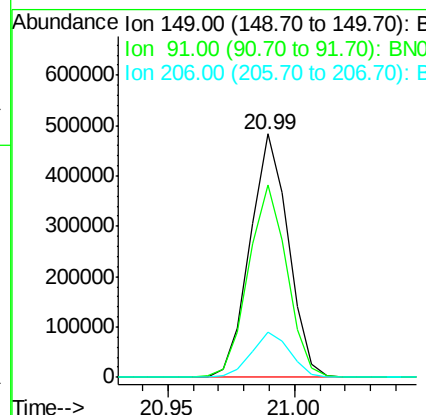
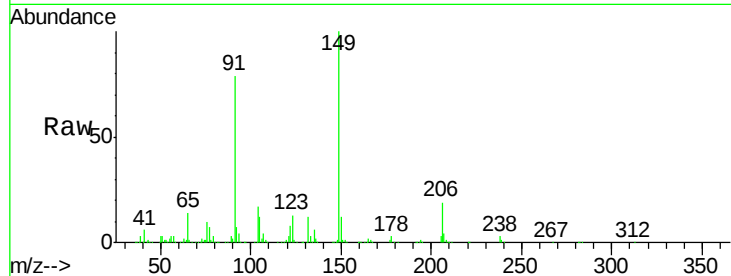




#78
Butylbenzylphthalate
Concen: 18.065 ng/ul
RT: 20.99 min Scan# 2984
Delta R.T. 0.00 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

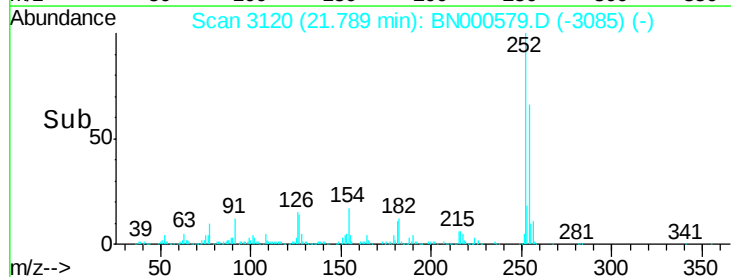
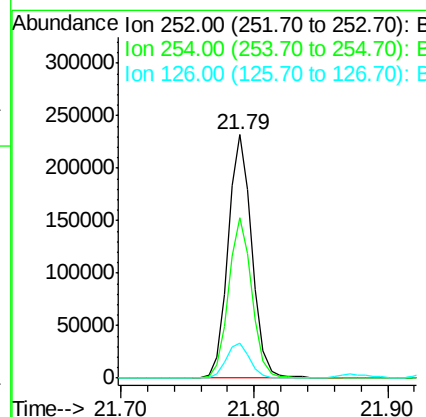
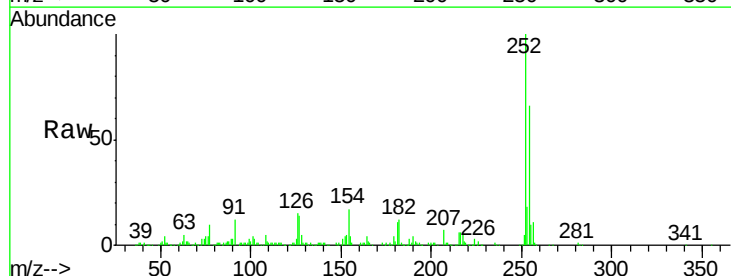
Instrument :
BNA_N
ClientSampleId :
SSTD02031

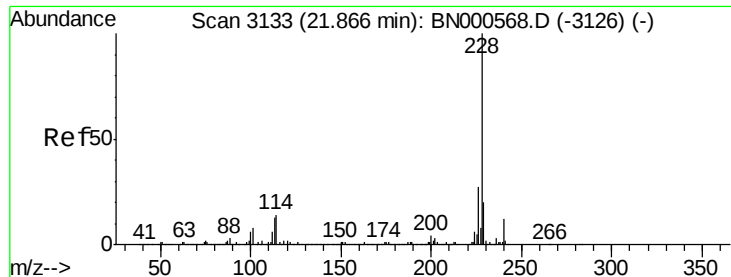
Tot Ion:149 Resp: 508248
Ion Ratio Lower Upper
149 100
91 78.9 53.4 80.0
206 18.7 19.3 28.9#



#79
3,3'-Dichlorobenzidine
Concen: 19.242 ng/ul
RT: 21.79 min Scan# 3120
Delta R.T. 0.01 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

Tgt Ion:252 Resp: 291523
Ion Ratio Lower Upper
252 100
254 65.9 52.8 79.2
126 14.6 6.9 10.3#





#80

Benzo(a)anthracene

Concen: 18.617 ng/ul

RT: 21.87 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

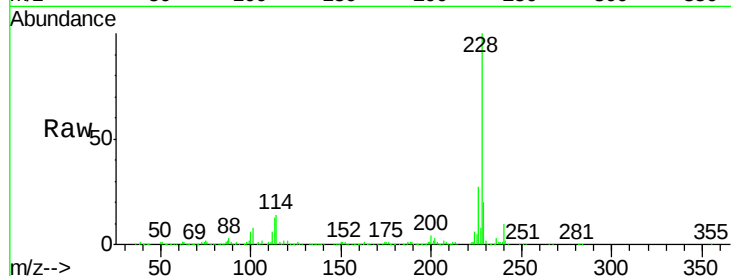
Tot Ion:228 Resp: 961975

Ion Ratio Lower Upper

228 100

229 20.0 16.0 24.0

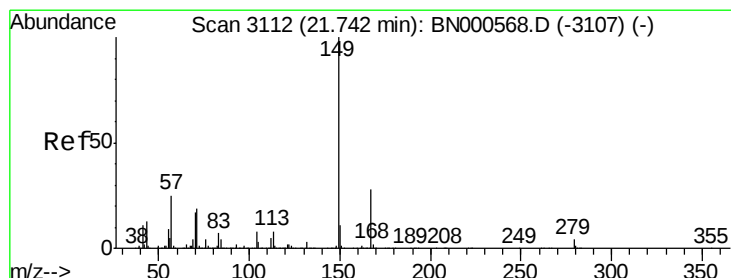
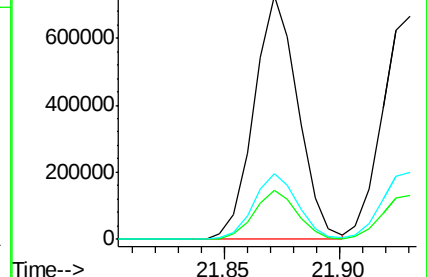
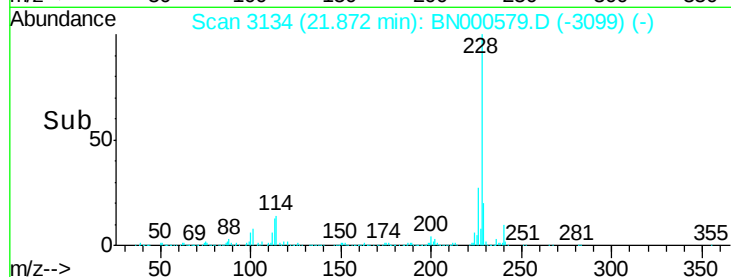
226 27.2 21.8 32.8



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: 18.011 ng/ul

RT: 21.75 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

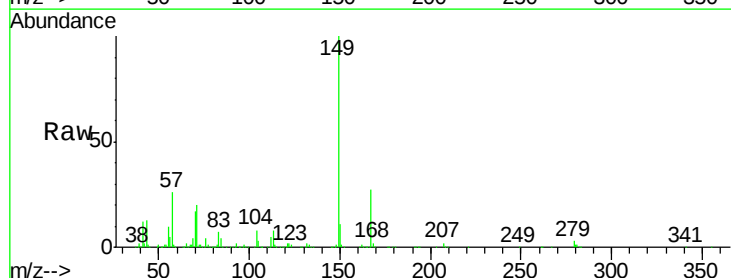
Tgt Ion:149 Resp: 735698

Ion Ratio Lower Upper

149 100

167 26.9 23.0 34.6

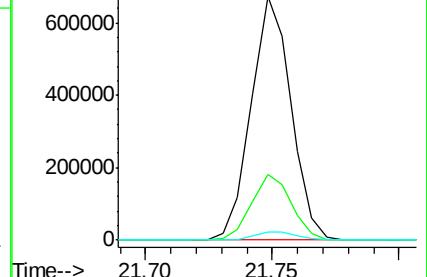
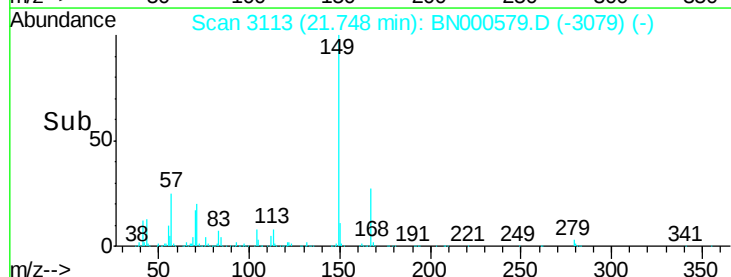
279 3.4 4.3 6.5#

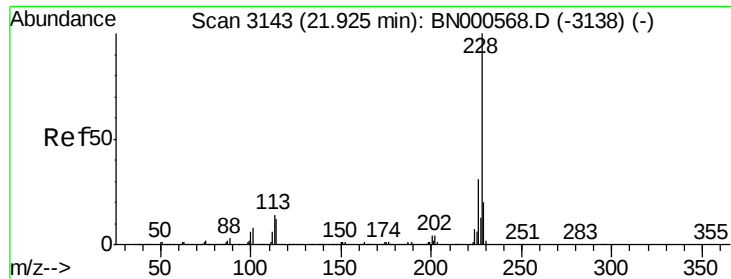


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 18.597 ng/ul

RT: 21.93 min Scan# 3144

Delta R.T. 0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

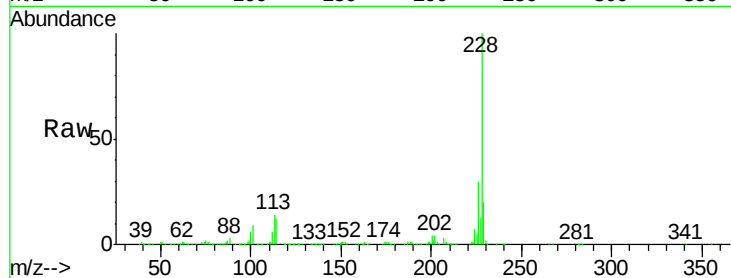
Tot Ion:228 Resp: 900853

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

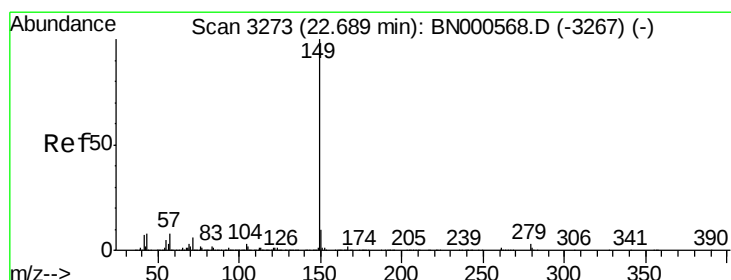
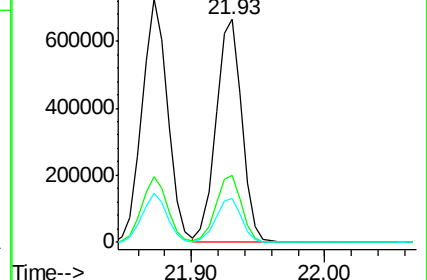
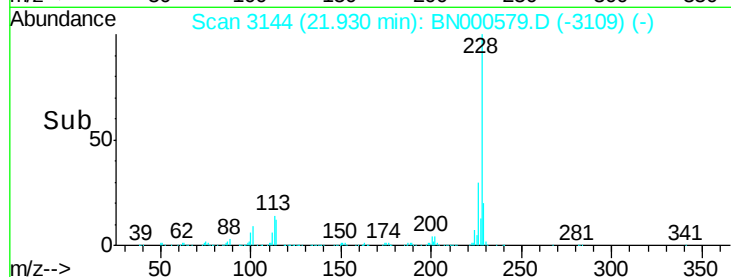
229 19.6 16.0 24.0



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: 21.979 ng/ul

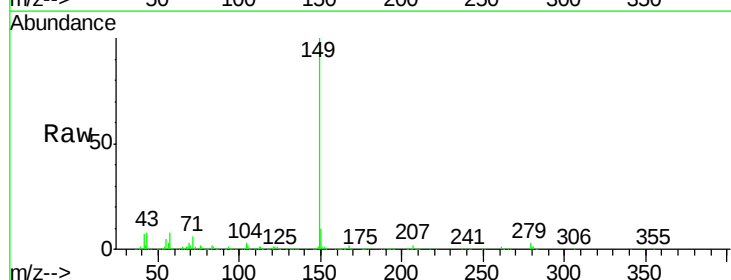
RT: 22.70 min Scan# 3275

Delta R.T. 0.01 min

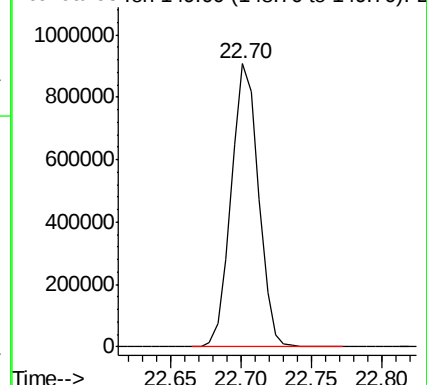
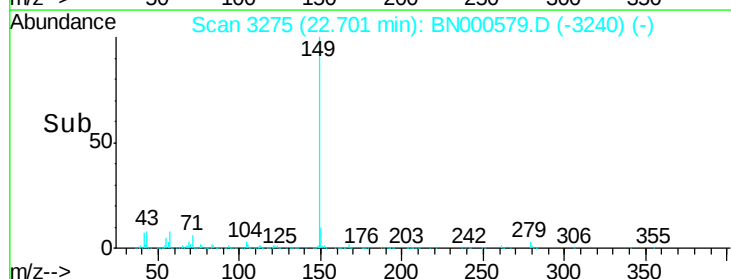
Lab File: BN000579.D

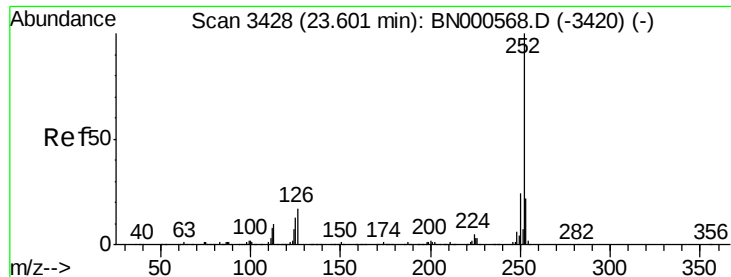
Acq: 23 Mar 2018 15:58

Tgt Ion:149 Resp: 1218314



Abundance Ion 149.00 (148.70 to 149.70): E

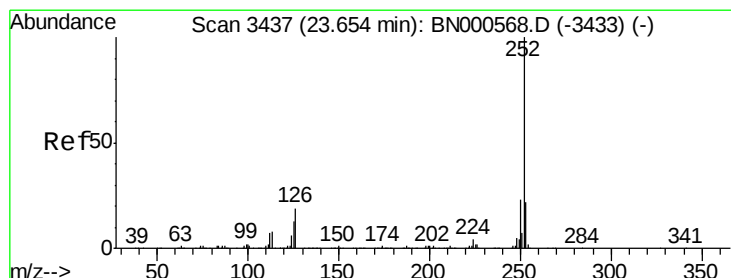
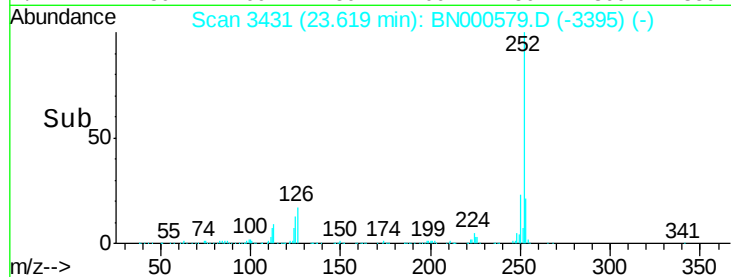
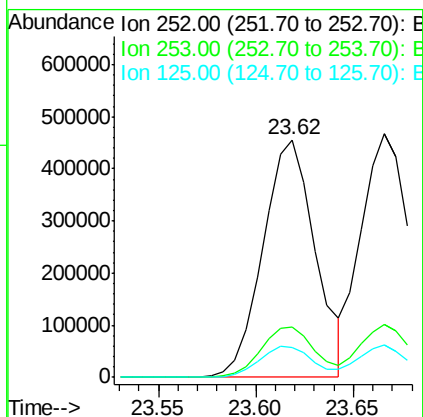
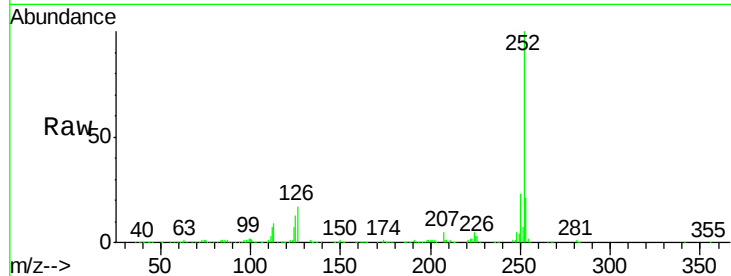




#85
Benzo(b)fluoranthene
Concen: 20.404 ng/u1
RT: 23.62 min Scan# 3431
Delta R.T. 0.01 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

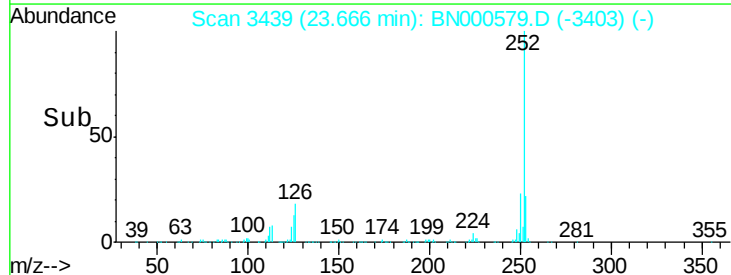
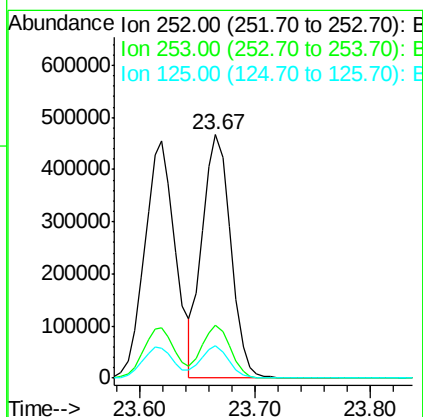
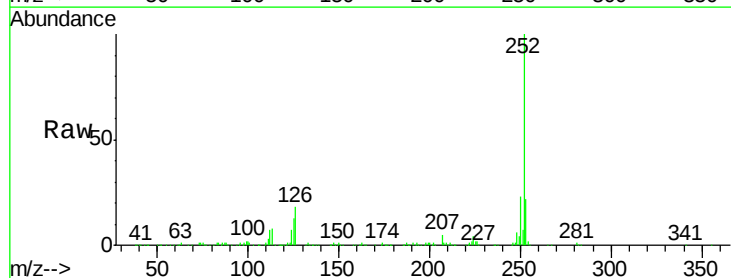
Instrument :
BNA_N
ClientSampleId :
SSTD02031

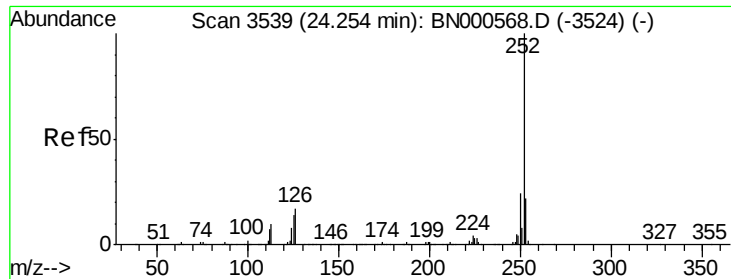
Tot Ion:252 Resp: 849034
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 12.6 4.9 7.3#



#86
Benzo(k)fluoranthene
Concen: 20.035 ng/u1
RT: 23.67 min Scan# 3439
Delta R.T. 0.01 min
Lab File: BN000579.D
Acq: 23 Mar 2018 15:58

Tgt Ion:252 Resp: 804856
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 13.3 5.4 8.0#





#88

Benzo(a)pyrene

Concen: 19.516 ng/u1

RT: 24.27 min Scan# 3541

Delta R.T. 0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

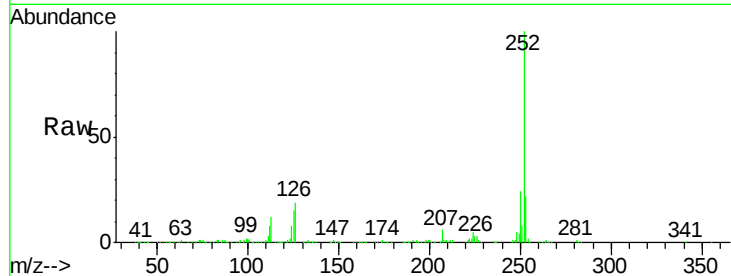
Tot Ion:252 Resp: 764307

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

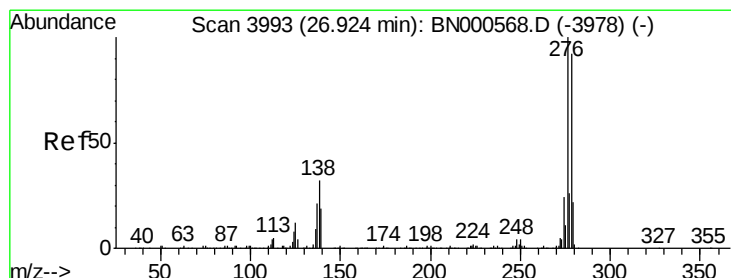
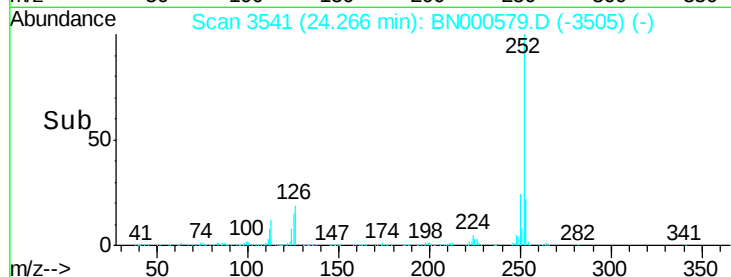
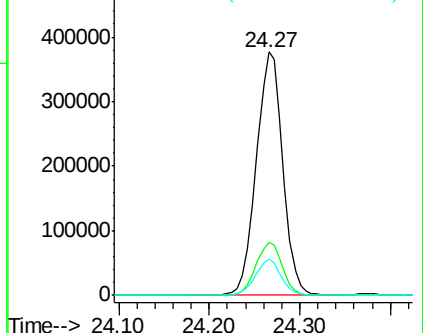
125 15.0 5.8 8.6#



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: 17.247 ng/u1

RT: 26.94 min Scan# 3995

Delta R.T. 0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

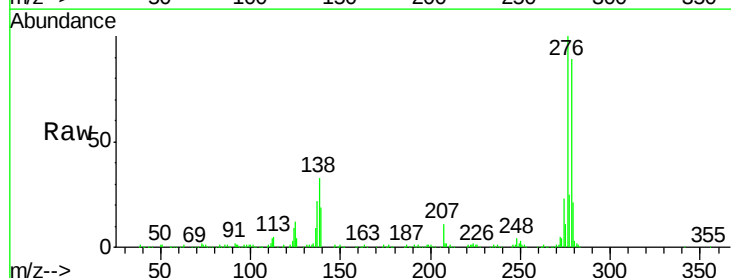
Tgt Ion:276 Resp: 728330

Ion Ratio Lower Upper

276 100

138 32.6 10.9 16.3#

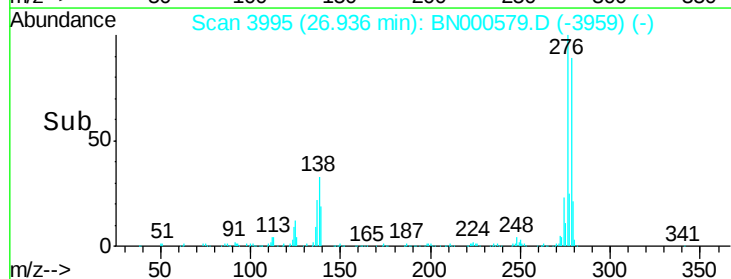
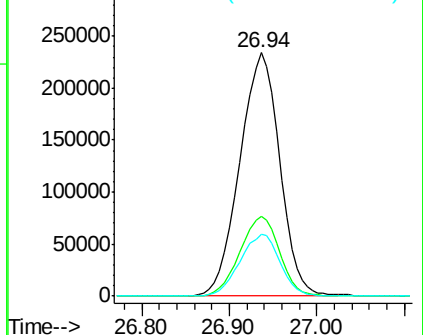
277 25.2 18.9 28.3

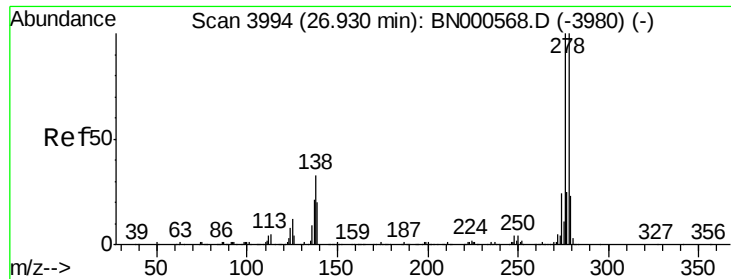


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 17.435 ng/ul

RT: 26.94 min Scan# 3996

Delta R.T. 0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

SSTD02031

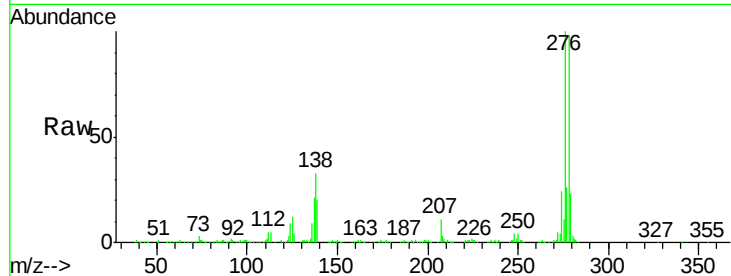
Tot Ion:278 Resp: 613364

Ion Ratio Lower Upper

278 100

139 20.6 9.0 13.4#

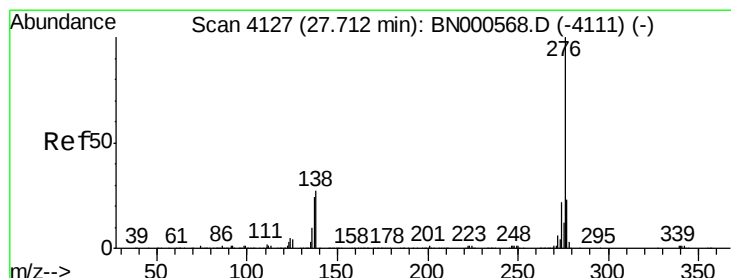
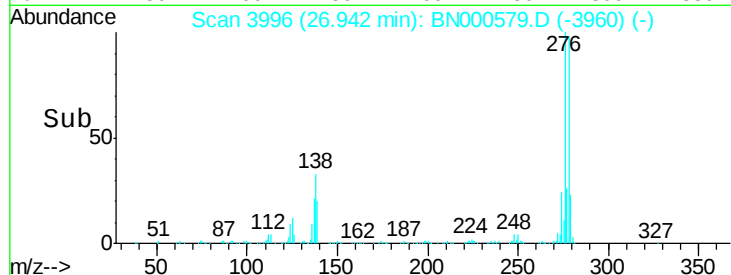
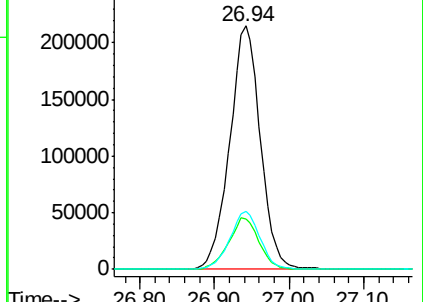
279 23.6 19.1 28.7



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: 16.754 ng/ul

RT: 27.72 min Scan# 4129

Delta R.T. 0.01 min

Lab File: BN000579.D

Acq: 23 Mar 2018 15:58

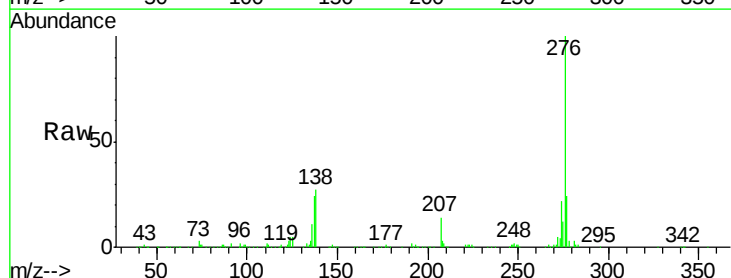
Tgt Ion:276 Resp: 587933

Ion Ratio Lower Upper

276 100

138 27.4 11.2 16.8#

277 23.5 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

