

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000517.D
 Acq On : 21 Mar 2018 13:35
 Operator : JU/SJ
 Sample : J1905-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 22 01:36:01 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	141938	20.00	ng/ul	0.04
18) Naphthalene-d8	11.30	136	276439	20.00	ng/ul	0.04
35) Acenaphthene-d10	15.07	164	250792	20.00	ng/ul	0.04
61) Phenanthrene-d10	17.72	188	23472	20.00	ng/ul	-0.04
75) Chrysene-d12	21.85	240	7028	20.00	ng/ul	-0.03
83) Perylene-d12	24.40	264	546402	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	33770	8.50	ng/uL	0.00
5) Phenol-d5	7.62	99	122466	9.25	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.75	67	770689	100.90	ng/ul	0.03
9) 2-Chlorophenol-d4	8.01	132	230592	23.03	ng/ul	0.07
13) 4-Methylphenol-d8	9.13	113	399158	38.70	ng/ul	0.00
19) Nitrobenzene-d5	9.64	128	194288	86.54	ng/ul	0.05
22) 2-Nitrophenol-d4	10.37	143	96674	41.57	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.98	165	254292	60.99	ng/ul	0.12
29) 4-Chloroaniline-d4	11.40	131	574003	134.13	ng/ul	0.01
43) Dimethylphthalate-d6	14.46	166	484737	24.46	ng/ul	0.04
46) Acenaphthylene-d8	14.77	160	679132	25.98	ng/ul	0.04
51) 4-Nitrophenol-d4	15.28	143	194627	52.90	ng/ul	0.06
57) Fluorene-d10	16.08	176	483369	28.63	ng/ul	0.06
62) 4,6-Dinitro-2-methylphenol	16.08	200	178694	1329.30	ng/ul	-0.05
70) Anthracene-d10	17.91	188	416074	368.79	ng/ul	0.05
76) Pyrene-d10	20.08	212	24304	62.64	ng/ul	-0.04
87) Benzo(a)pyrene-d12	24.24	264	722519	28.02	ng/ul	0.03

Target Compounds

					Ovalue	
4) Benzaldehyde	7.57	77	348765	64.600	ng/ul#	1
8) Bis(2-Chloroethyl)ether	7.81	93	45936	4.285	ng/ul#	1
11) 2-Methylphenol	8.78	108	27767	2.802	ng/ul	93
14) Acetophenone	9.42	105	908772	59.270	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.23	70	370377	46.185	ng/ul#	49
16) 4-Methylphenol	9.39	108	14408	1.358	ng/ul	91
17) Hexachloroethane	9.58	117	829879	194.564	ng/ul#	1
20) Nitrobenzene	9.66	77	133369	24.064	ng/ul#	54
21) Isophorone	10.23	82	4071037	385.327	ng/ul#	81
23) 2-Nitrophenol	10.39	139	51756	20.690	ng/ul#	1
24) 2,4-Dimethylphenol	10.38	107	131898	24.478	ng/ul#	37
25) Bis(2-Chloroethoxy)methane	10.64	93	152478	22.851	ng/ul#	1
27) 2,4-Dichlorophenol	10.92	162	20430	5.049	ng/ul#	1
28) Naphthalene	11.35	128	2281054	157.130	ng/ul#	94
30) 4-Chloroaniline	11.48	127	39420	9.075	ng/ul#	39
31) Hexachlorobutadiene	11.62	225	5087	2.269	ng/ul	99
32) Caprolactam	12.16	113	105027	71.001	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.60	107	288598	60.667	ng/ul#	27
34) 2-Methylnaphthalene	12.95	142	5003703	516.268	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	13.29	216	18548	2.462	ng/ul#	1
38) 2,4,6-Trichlorophenol	13.55	196	115194	22.540	ng/ul	97
39) 2,4,5-Trichlorophenol	13.55	196	145558	27.314	ng/ul	98
40) 1,1'-Biphenyl	13.91	154	559655	26.214	ng/ul	95

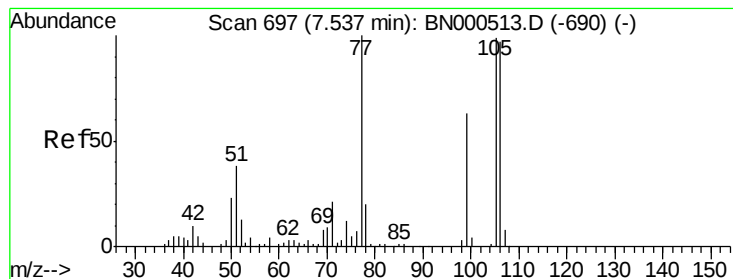
Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Dimethylphthalate	14.48	163	47849	2.441	ng/ul#	17
45) 2,6-Dinitrotoluene	14.61	165	116510	29.501	ng/ul#	62
47) Acenaphthylene	14.80	152	300098	11.719	ng/ul#	8
48) 3-Nitroaniline	14.98	138	18128	4.754	ng/ul#	39
49) Acenaphthene	15.14	153	293581	16.815	ng/ul#	80
50) 2,4-Dinitrophenol	15.18	184	47695	25.598	ng/ul#	1
52) 4-Nitrophenol	15.25	109	245331	86.290	ng/ul#	19
53) Dibenzofuran	15.48	168	226789	9.564	ng/ul#	1
54) 2,4-Dinitrotoluene	15.41	165	17735	3.168	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.64	232	680625	167.257	ng/ul#	88
58) Fluorene	16.13	166	561639	29.805	ng/ul#	73
59) 4-Chlorophenyl-phenylether	16.17	204	16977	1.950	ng/ul#	1
60) 4-Nitroaniline	16.11	138	10579	2.470	ng/ul#	65
63) 4,6-Dinitro-2-methylphenol	16.07	198	16076	113.278	ng/ul#	1
64) N-Nitrosodiphenylamine	16.20	169	749332	969.064	ng/ul#	42
65) 4-Bromophenyl-phenylether	16.92	248	850	3.553	ng/ul#	1
67) Atrazine	17.14	200	9324	39.980	ng/ul#	1
68) Pentachlorophenol	17.52	266	11723896	87907.410	ng/ul	98
69) Phenanthrene	17.72	178	58927	43.578	ng/ul#	1
71) Anthracene	17.81	178	20310	14.648	ng/ul#	1
72) Carbazole	18.11	167	74124	62.341	ng/ul#	1
73) Di-n-butylphthalate	18.61	149	60184	37.221	ng/ul#	15
74) Fluoranthene	19.77	202	8699	6.474	ng/ul#	1
77) Pyrene	20.08	202	15477	30.151	ng/ul#	1
78) Butylbenzylphthalate	20.95	149	986	3.867	ng/ul#	1
79) 3,3'-Dichlorobenzidine	21.75	252	1553	11.311	ng/ul#	1
80) Benzo(a)anthracene	21.84	228	7011	14.972	ng/ul#	1
81) Bis(2-ethylhexyl)phthalate	21.76	149	474491	1281.808	ng/ul	95
82) Chrysene	21.89	228	211774	482.414	ng/ul#	88
84) Di-n-octyl phthalate	22.72	149	309203	6.723	ng/ul	100
85) Benzo(b)fluoranthene	23.64	252	157476	4.561	ng/ul#	23
86) Benzo(k)fluoranthene	23.64	252	155601	4.668	ng/ul#	20
88) Benzo(a)pyrene	24.29	252	60729	1.869	ng/ul#	1

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



#4

Benzaldehyde

Concen: 64.600 ng/ul

RT: 7.57 min Scan# 702

Delta R.T. 0.03 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

ClientSampled :

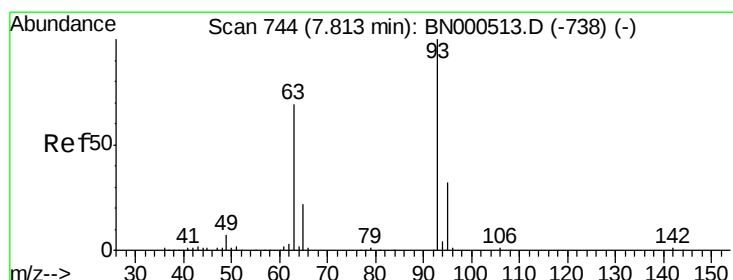
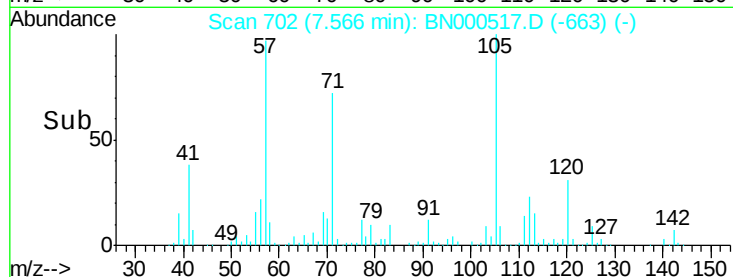
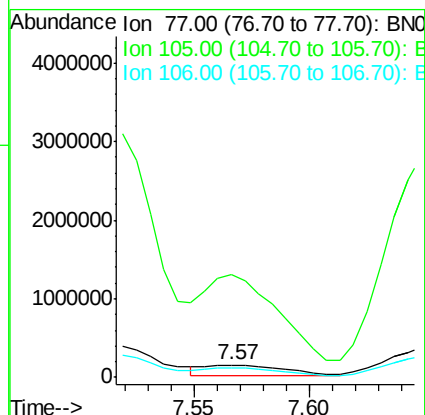
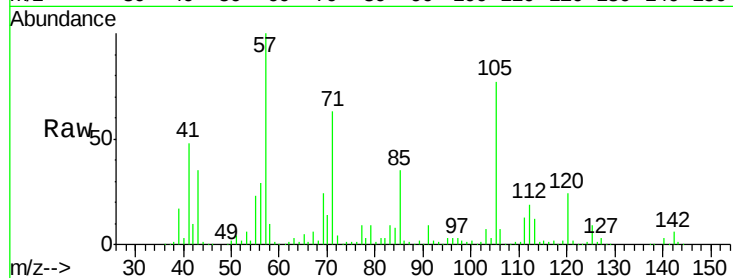
Tot Ion: 77 Resp: 348765

Ion Ratio Lower Upper

77 100

105 820.3 71.0 106.6#

106 74.3 69.5 104.3



#8

Bis(2-Chloroethyl)ether

Concen: 4.285 ng/ul

RT: 7.81 min Scan# 744

Delta R.T. 0.00 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

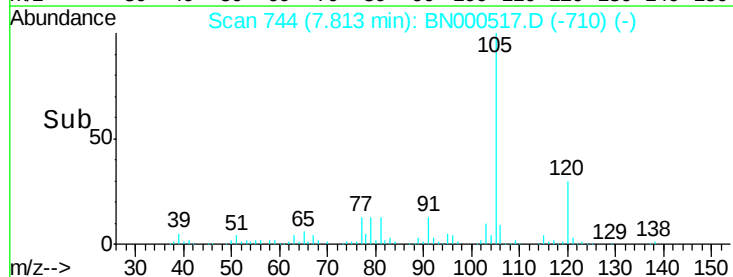
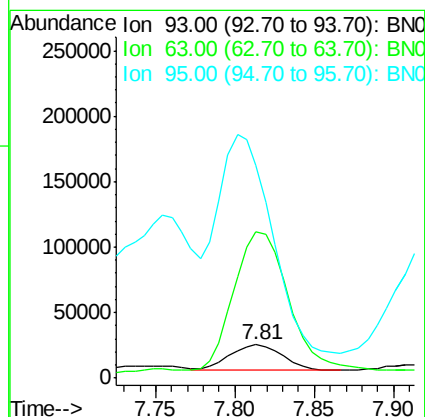
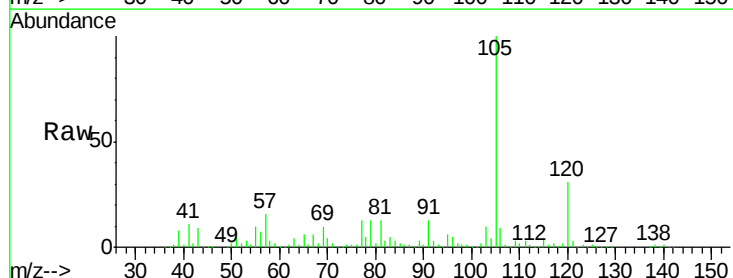
Tgt Ion: 93 Resp: 45936

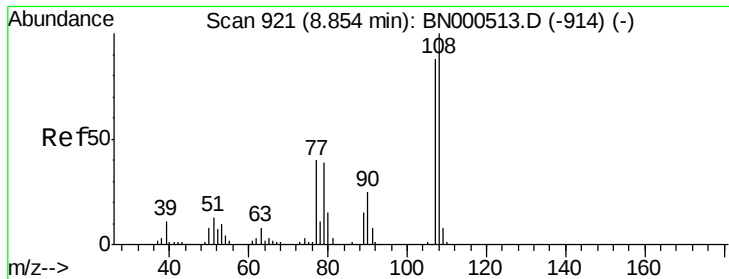
Ion Ratio Lower Upper

93 100

63 441.4 59.4 89.2#

95 642.8 26.4 39.6#





#11

2-Methylphenol

Concen: 2.802 ng/ul

RT: 8.78 min Scan# 909

Delta R.T. -0.07 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

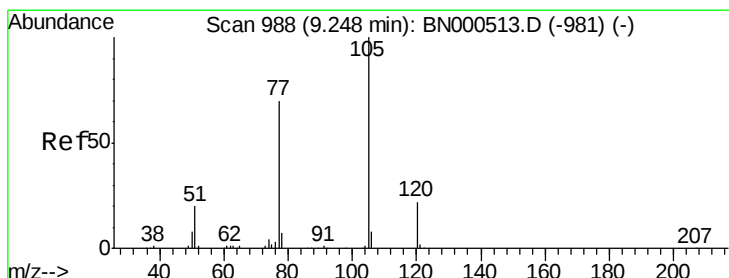
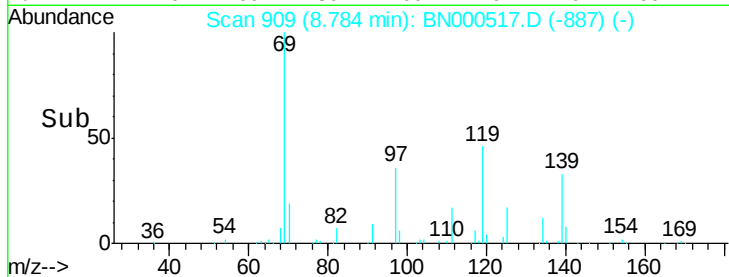
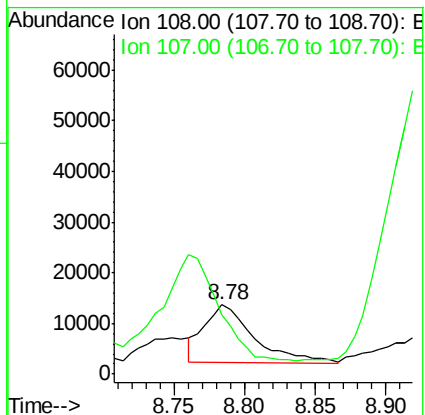
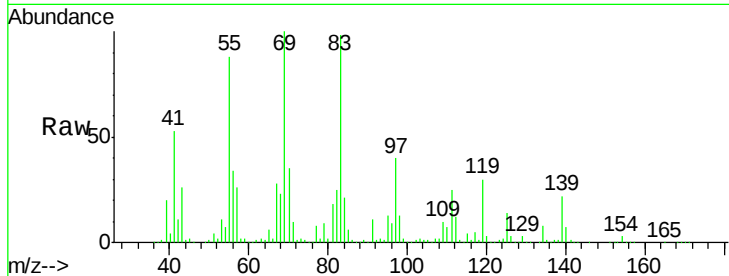
ClientSampled :

Tot Ion:108 Resp: 27767

Ion Ratio Lower Upper

108 100

107 86.1 74.1 111.1



#14

Acetophenone

Concen: 59.270 ng/ul

RT: 9.42 min Scan# 1018

Delta R.T. 0.18 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

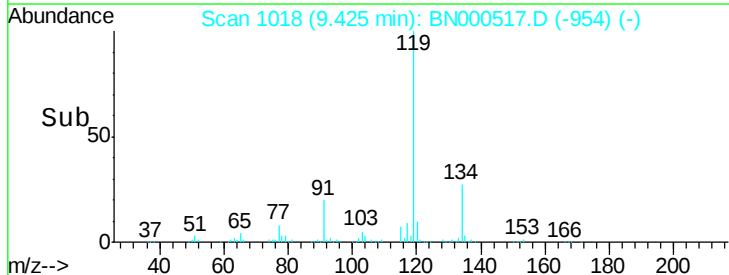
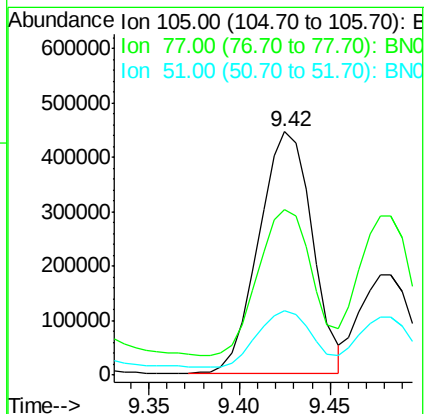
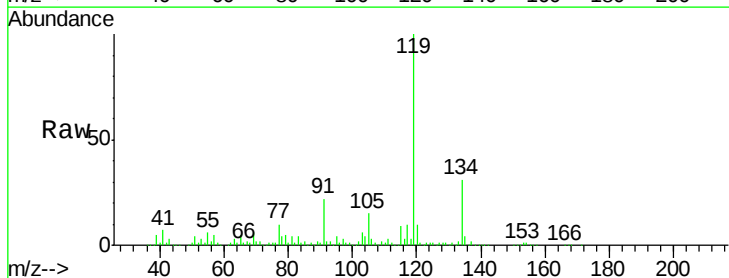
Tgt Ion:105 Resp: 908772

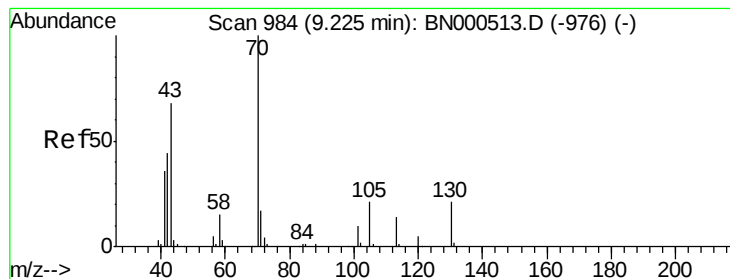
Ion Ratio Lower Upper

105 100

77 68.2 63.2 94.8

51 26.7 19.8 29.8





#15

N-Nitroso-di-n-propylamine

Concen: 46.185 ng/ul

RT: 9.23 min Scan# 985

Delta R.T. 0.01 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 370377

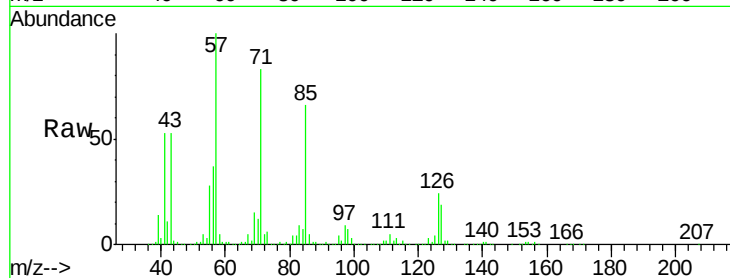
Ion Ratio Lower Upper

70 100

42 91.8 40.2 60.4#

101 3.2 7.7 11.5#

130 1.4 17.8 26.6#



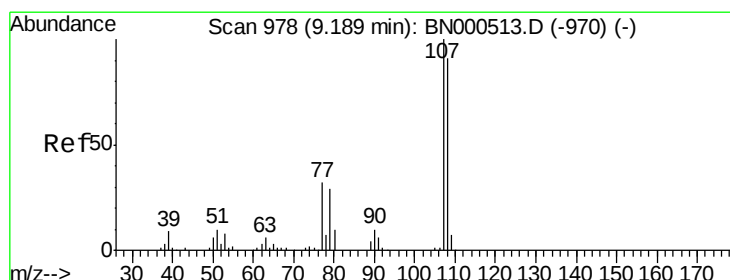
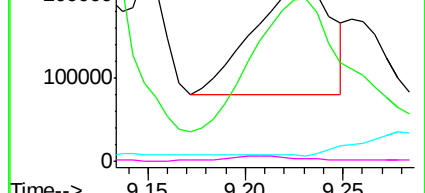
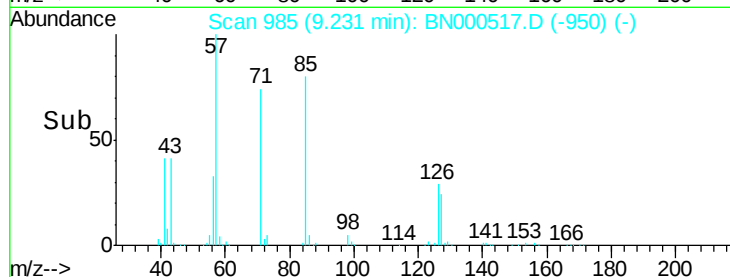
Abundance Ion 70.00 (69.70 to 70.70): BN000513.D (-976) (-)

Ion 42.00 (41.70 to 42.70): BN000513.D (-976) (-)

Ion 101.00 (100.70 to 101.70): BN000513.D (-976) (-)

Ion 130.00 (129.70 to 130.70): BN000513.D (-976) (-)

Time-->



#16

4-Methylphenol

Concen: 1.358 ng/ul

RT: 9.39 min Scan# 1012

Delta R.T. 0.20 min

Lab File: BN000517.D

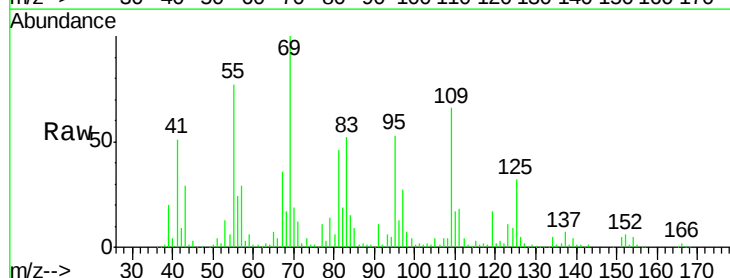
Acq: 21 Mar 2018 13:35

Tgt Ion: 108 Resp: 14408

Ion Ratio Lower Upper

108 100

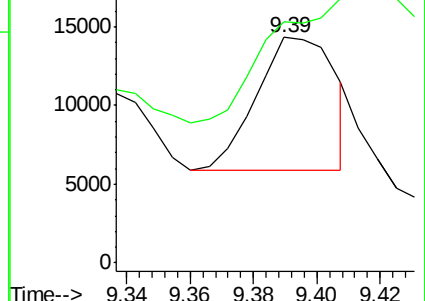
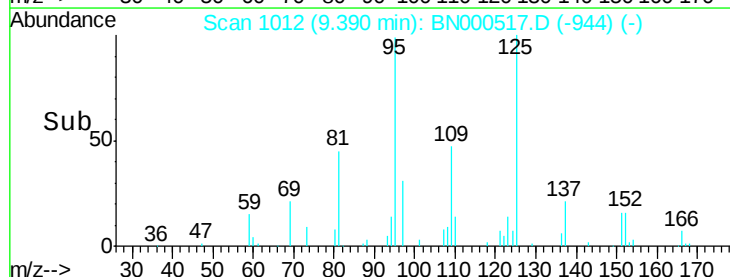
107 107.1 93.6 140.4

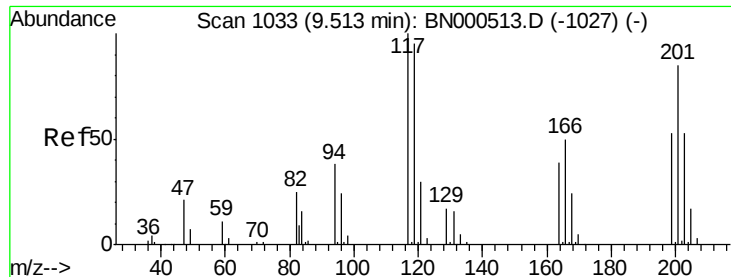


Abundance Ion 108.00 (107.70 to 108.70): BN000513.D (-970) (-)

Ion 107.00 (106.70 to 107.70): BN000513.D (-970) (-)

Time-->

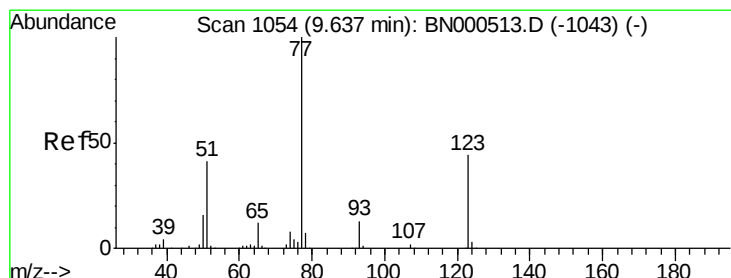
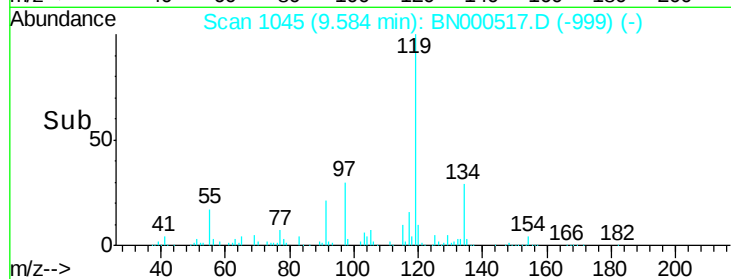
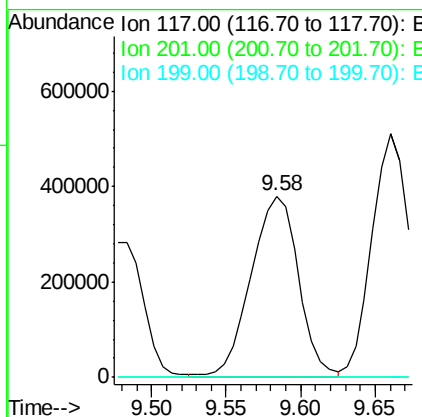
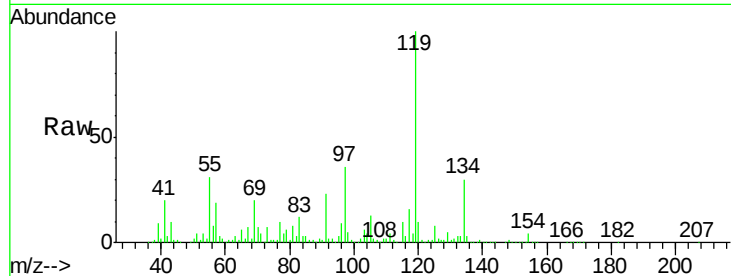




#17
 Hexachloroethane
 Concen: 194.564 ng/ul
 RT: 9.58 min Scan# 1045
 Delta R.T. 0.07 min
 Lab File: BN000517.D
 Acq: 21 Mar 2018 13:35

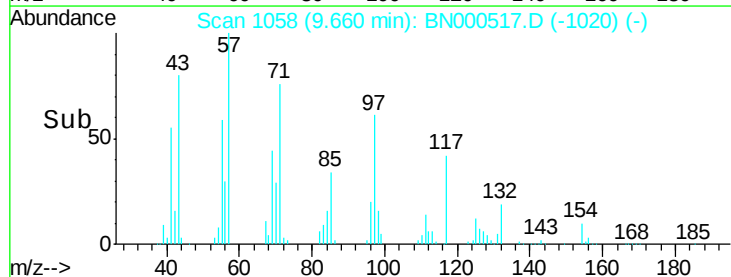
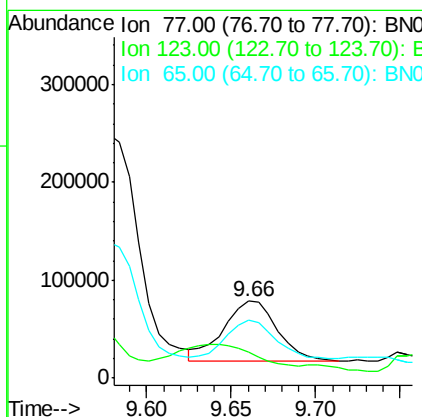
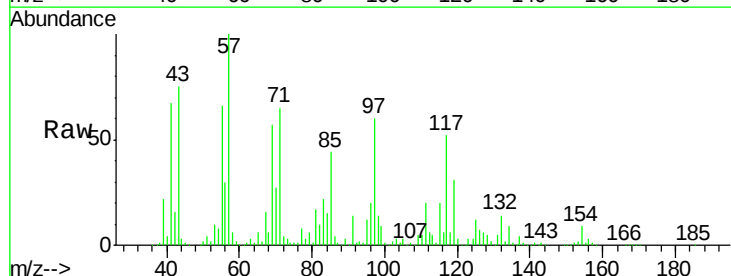
Instrument :
 BNA_N
 ClientSampleId :

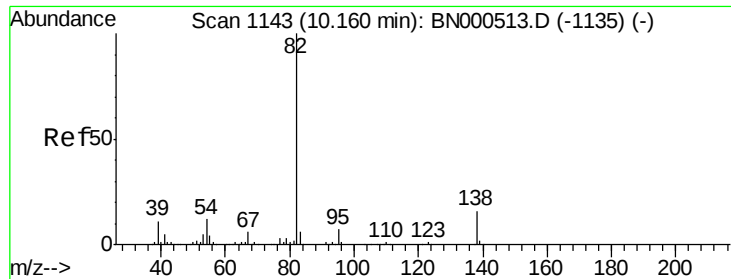
Tot Ion:117 Resp: 829879
 Ion Ratio Lower Upper
 117 100
 201 0.0 96.1 144.1#
 199 0.0 59.7 89.5#



#20
 Nitrobenzene
 Concen: 24.064 ng/ul
 RT: 9.66 min Scan# 1058
 Delta R.T. 0.02 min
 Lab File: BN000517.D
 Acq: 21 Mar 2018 13:35

Tgt Ion: 77 Resp: 133369
 Ion Ratio Lower Upper
 77 100
 123 33.9 31.8 47.8
 65 76.0 10.6 16.0#





#21

Isophorone

Concen: 385.327 ng/ul

RT: 10.23 min Scan# 1155

Delta R.T. 0.07 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

ClientSampled :

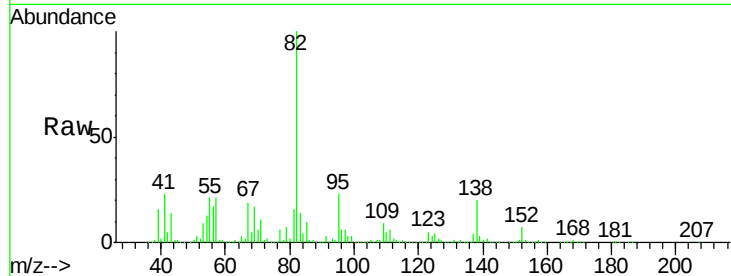
Tot Ion: 82 Resp: 4071037

Ion Ratio Lower Upper

82 100

95 23.0 6.1 9.1#

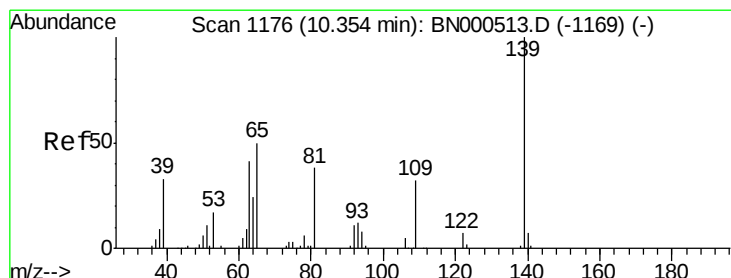
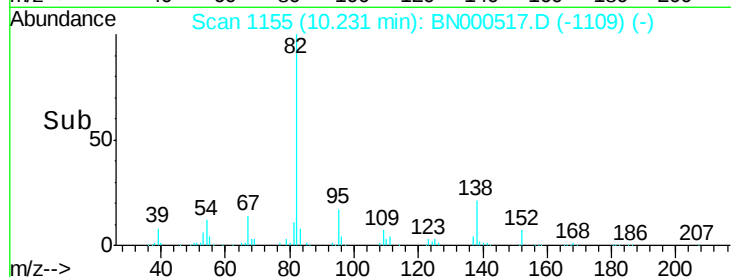
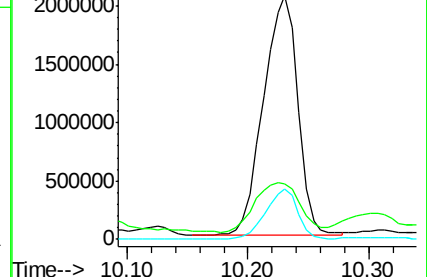
138 20.5 13.5 20.3#



Abundance Ion 82.00 (81.70 to 82.70): BN000517.D (-1155) (-)

Ion 95.00 (94.70 to 95.70): BN000517.D (-1155) (-)

Ion 138.00 (137.70 to 138.70): BN000517.D (-1155) (-)



#23

2-Nitrophenol

Concen: 20.690 ng/ul

RT: 10.39 min Scan# 1182

Delta R.T. 0.04 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

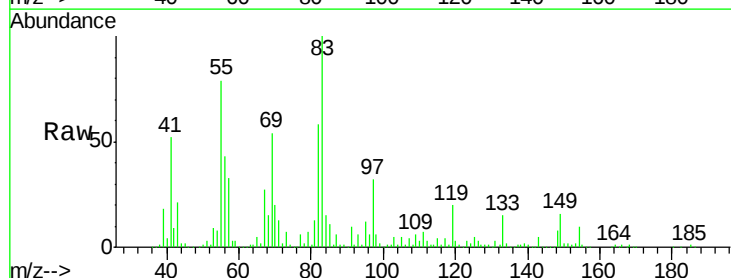
Tgt Ion: 139 Resp: 51756

Ion Ratio Lower Upper

139 100

65 187.2 45.3 67.9#

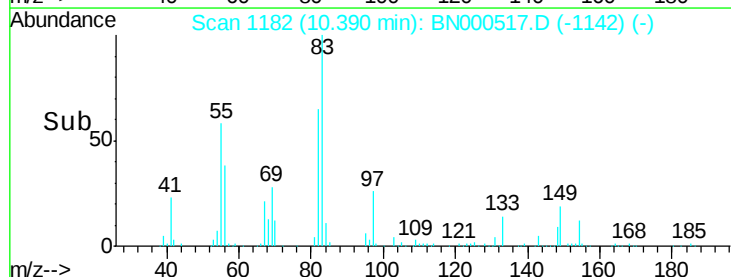
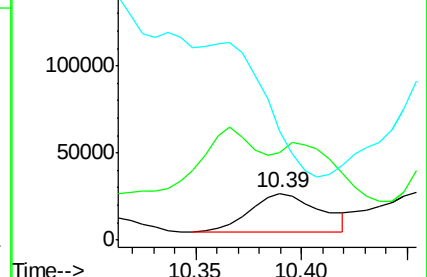
109 235.6 27.7 41.5#

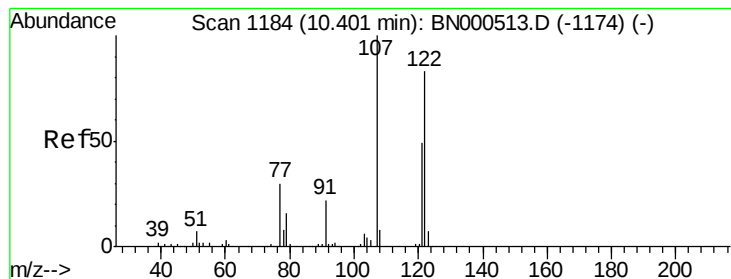


Abundance Ion 139.00 (138.70 to 139.70): BN000517.D (-1182) (-)

Ion 65.00 (64.70 to 65.70): BN000517.D (-1182) (-)

Ion 109.00 (108.70 to 109.70): BN000517.D (-1182) (-)





#24

2,4-Dimethylphenol

Concen: 24.478 ng/ul

RT: 10.38 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

ClientSampleId :

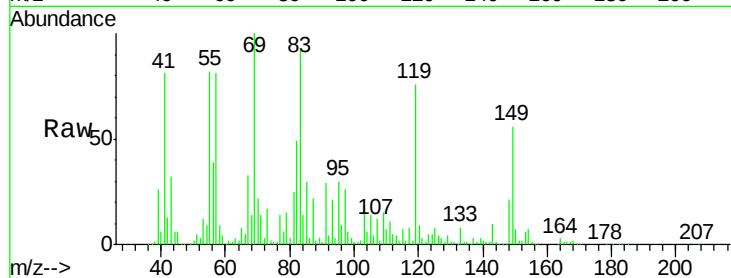
Tot Ion: 107 Resp: 131898

Ion Ratio Lower Upper

107 100

121 27.4 38.1 57.1#

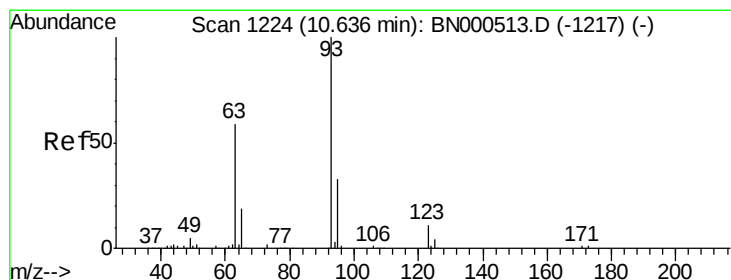
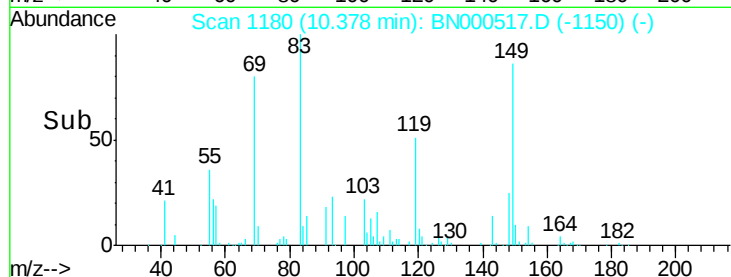
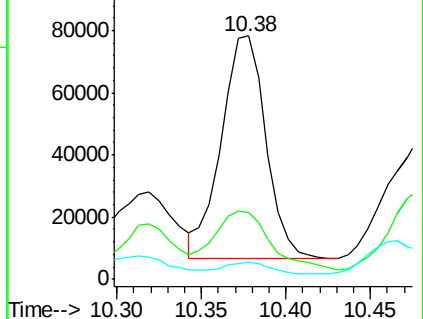
122 6.9 63.8 95.8#



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: 22.851 ng/ul

RT: 10.64 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

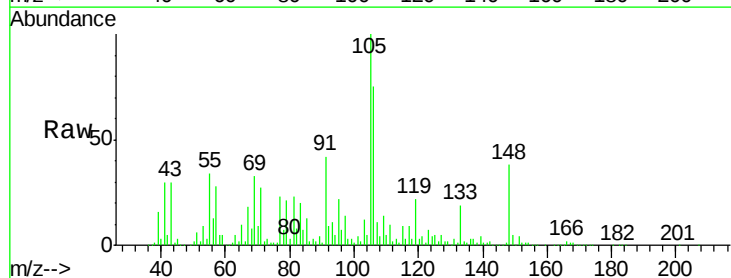
Tgt Ion: 93 Resp: 152478

Ion Ratio Lower Upper

93 100

95 192.3 24.7 37.1#

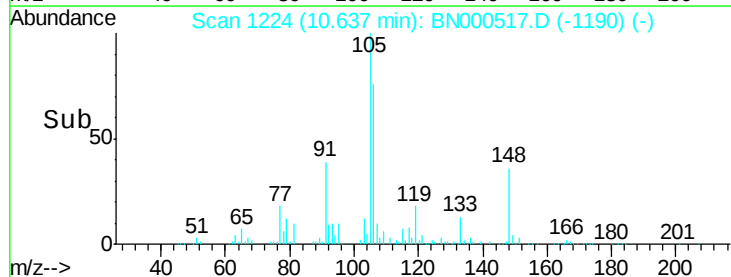
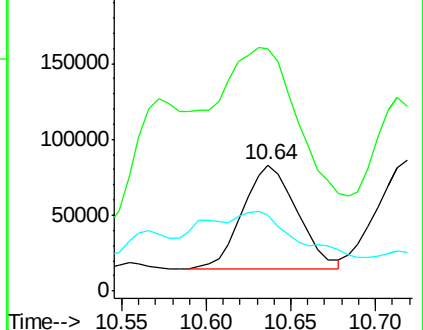
123 59.8 8.2 12.2#

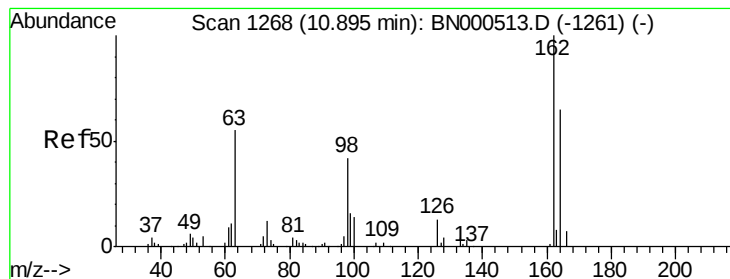


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 5.049 ng/ul

RT: 10.92 min Scan# 1273

Delta R.T. 0.03 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

ClientSampled :

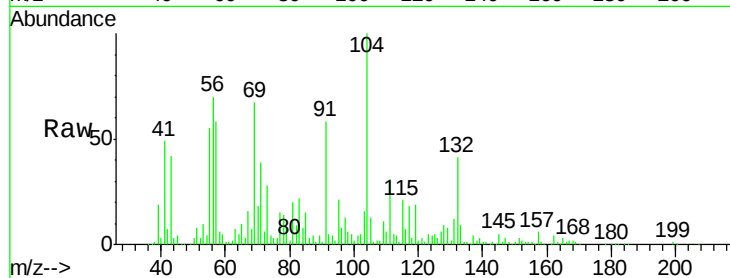
Tot Ion:162 Resp: 20430

Ion Ratio Lower Upper

162 100

164 8.0 52.0 78.0#

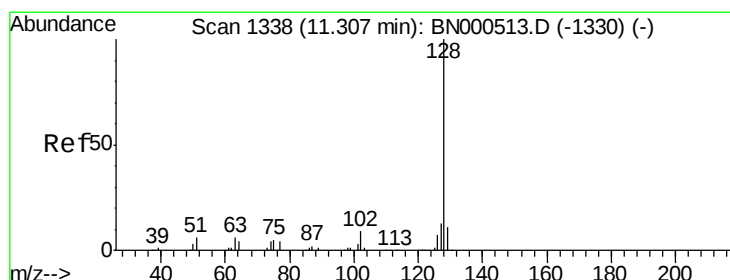
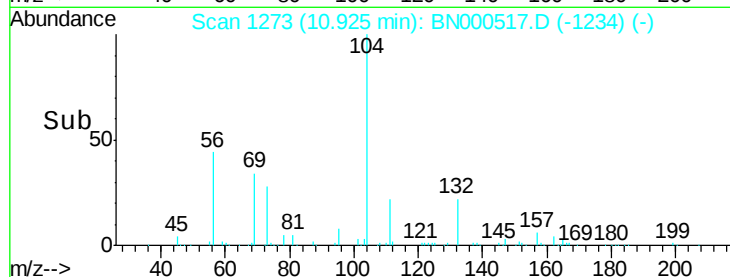
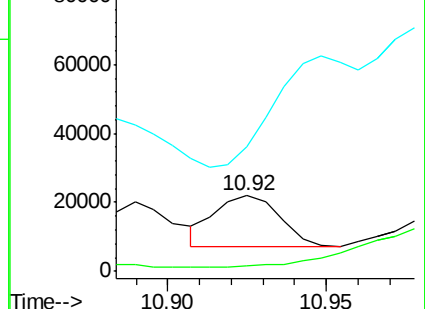
98 165.1 26.6 39.8#



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: 157.130 ng/ul

RT: 11.35 min Scan# 1346

Delta R.T. 0.05 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

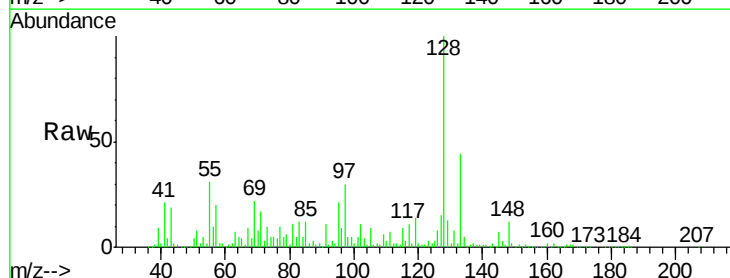
Tgt Ion:128 Resp: 2281054

Ion Ratio Lower Upper

128 100

129 13.4 8.3 12.5#

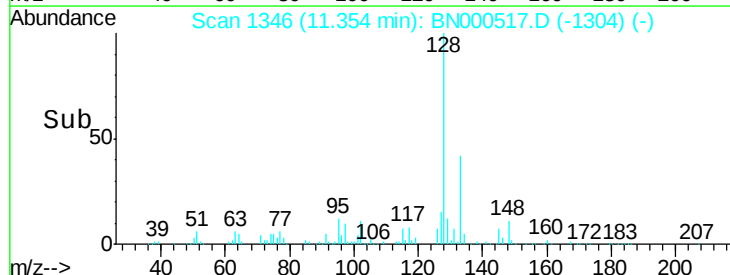
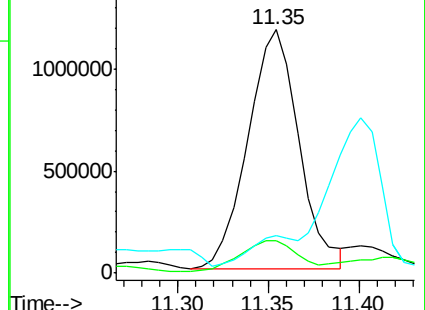
127 15.3 10.8 16.2

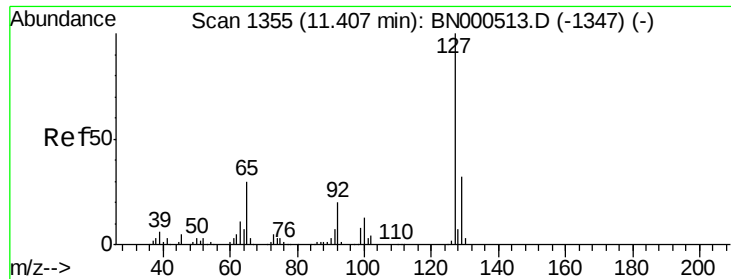


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

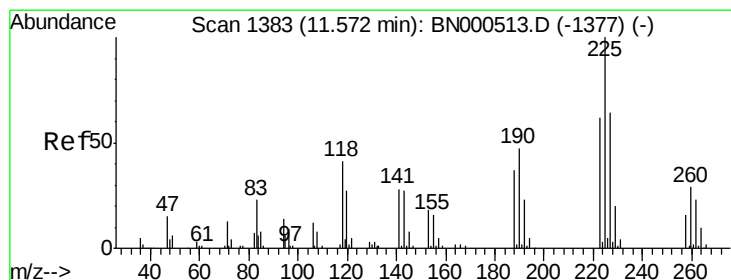
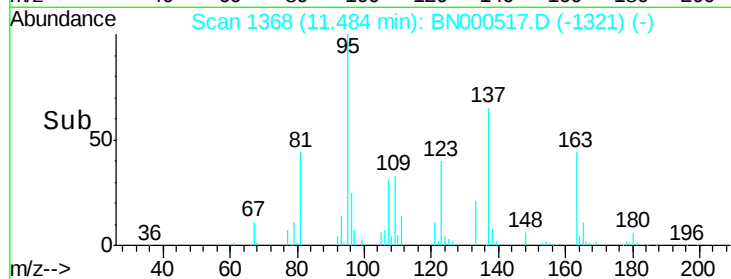
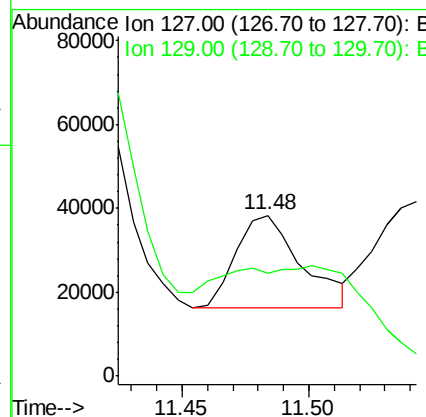
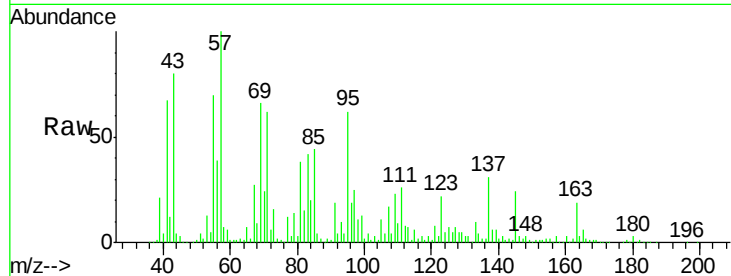




#30
4-Chloroaniline
Concen: 9.075 ng/ul
RT: 11.48 min Scan# 1368
Delta R.T. 0.08 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

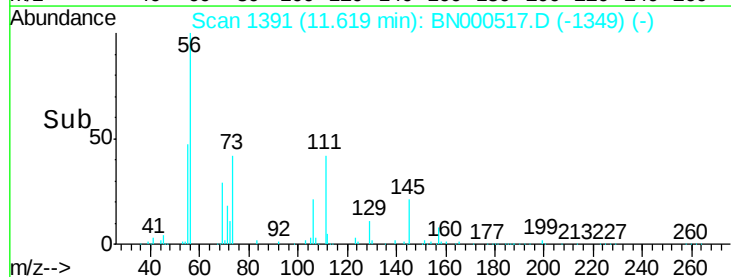
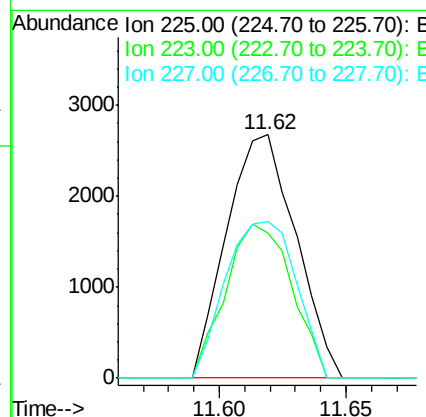
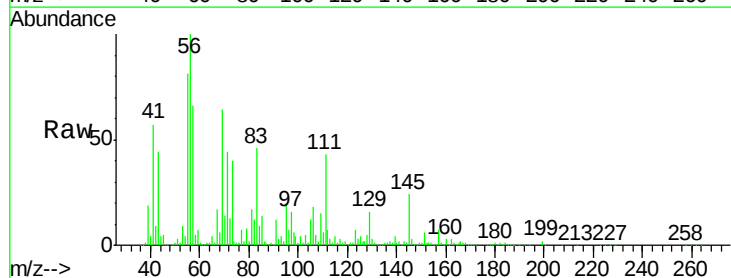
Instrument :
BNA_N
ClientSampleId :

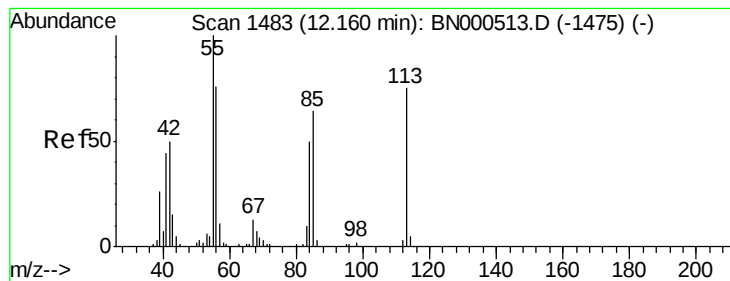
Tot Ion:127 Resp: 39420
Ion Ratio Lower Upper
127 100
129 64.0 24.6 37.0#



#31
Hexachlorobutadiene
Concen: 2.269 ng/ul
RT: 11.62 min Scan# 1391
Delta R.T. 0.05 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

Tgt Ion:225 Resp: 5087
Ion Ratio Lower Upper
225 100
223 59.7 48.1 72.1
227 64.1 52.1 78.1





#32

Caprolactam

Concen: 71.001 ng/ul

RT: 12.16 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

ClientSampled :

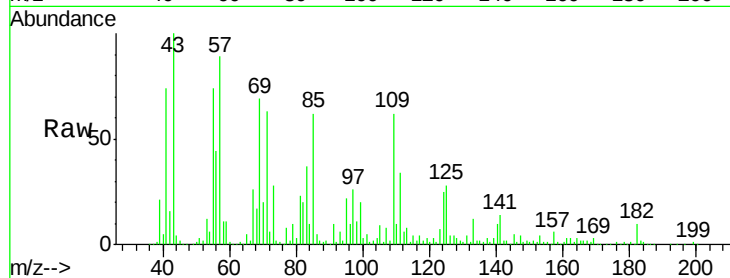
Tot Ion:113 Resp: 105027

Ion Ratio Lower Upper

113 100

55 877.5 131.7 197.5#

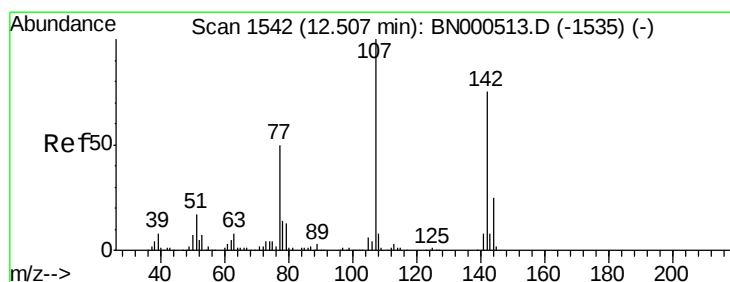
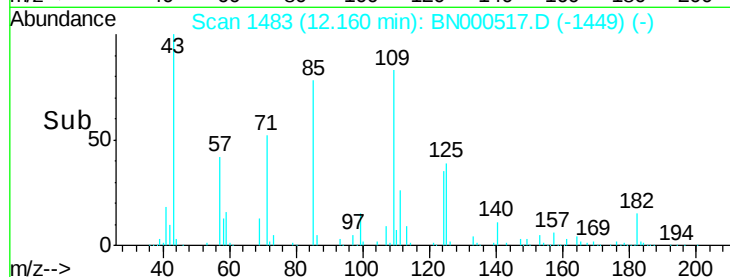
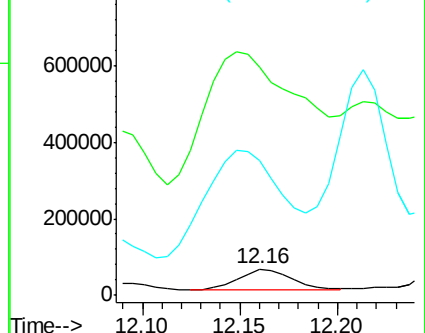
56 518.8 92.7 139.1#



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: 60.667 ng/ul

RT: 12.60 min Scan# 1557

Delta R.T. 0.09 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

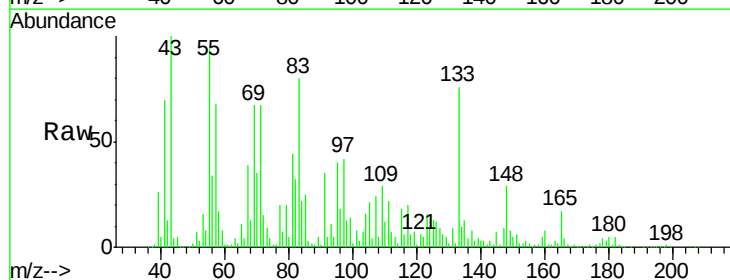
Tgt Ion:107 Resp: 288598

Ion Ratio Lower Upper

107 100

144 4.7 21.1 31.7#

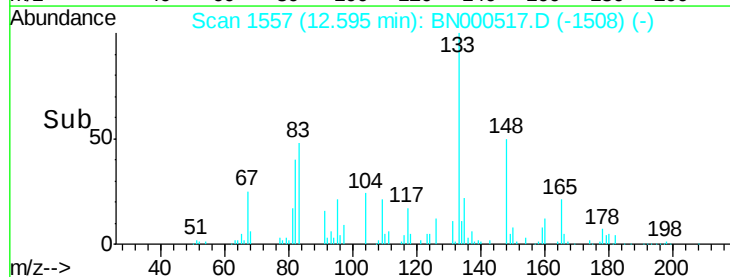
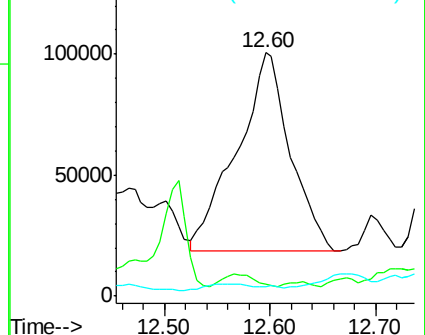
142 4.0 60.1 90.1#

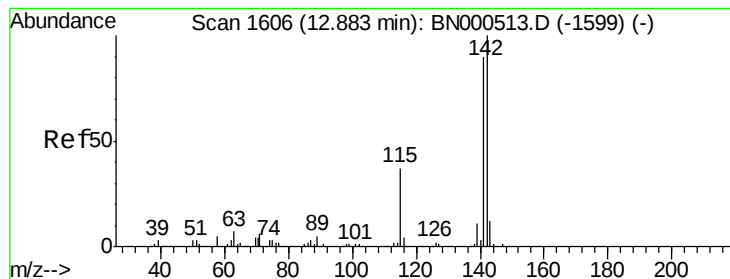


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 516.268 ng/ul

RT: 12.95 min Scan# 1617

Delta R.T. 0.06 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

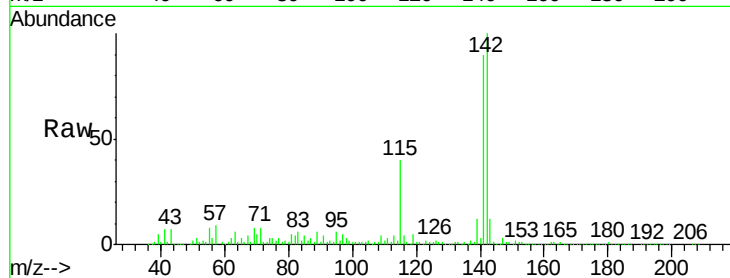
ClientSampled :

Tot Ion:142 Resp: 5003703

Ion Ratio Lower Upper

142 100

141 90.2 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

2500000

2000000

1500000

1000000

500000

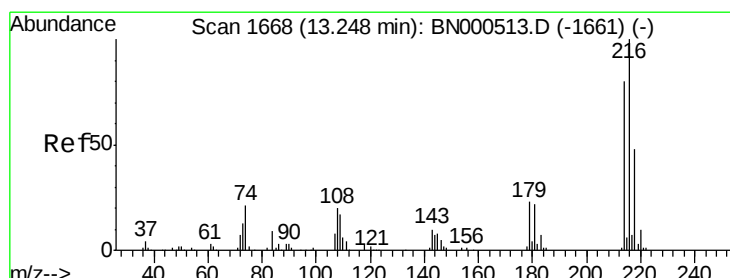
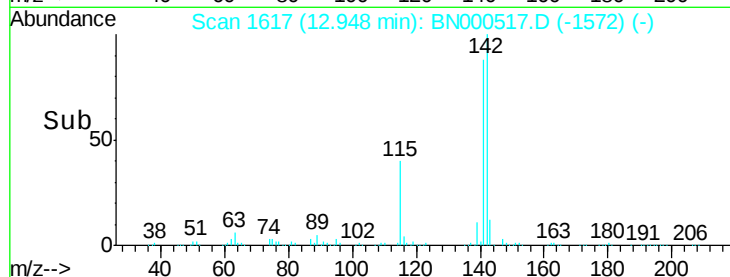
0

12.90

12.95

13.00

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 2.462 ng/ul

RT: 13.29 min Scan# 1675

Delta R.T. 0.04 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Tgt Ion:216 Resp: 18548

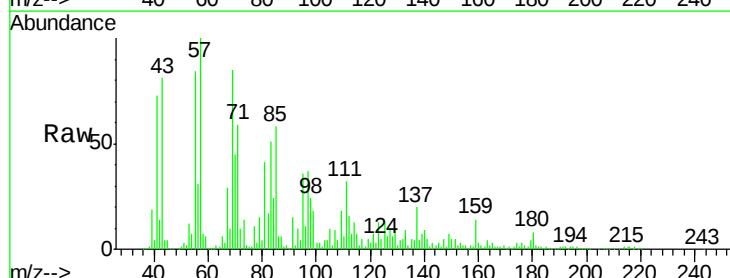
Ion Ratio Lower Upper

216 100

214 79.8 64.1 96.1

179 323.1 14.5 21.7#

108 281.4 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

50000

40000

30000

20000

10000

0

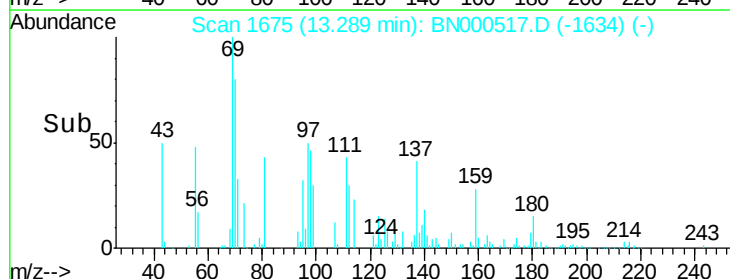
13.20

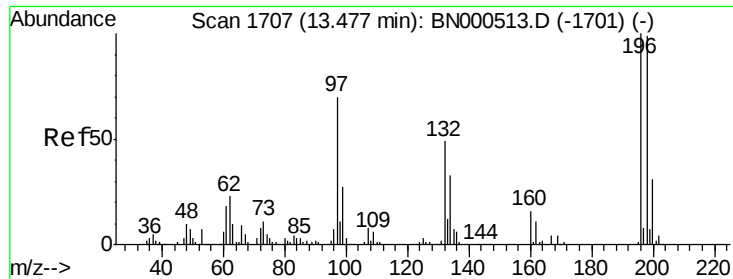
13.25

13.30

13.35

Time-->

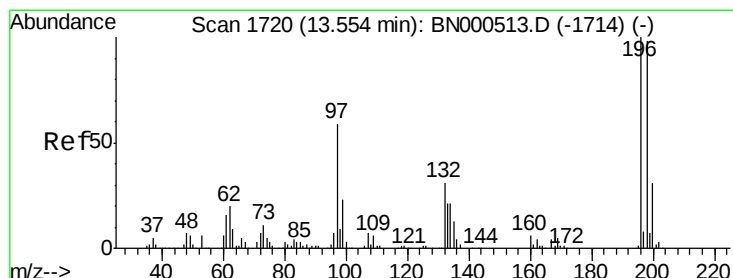
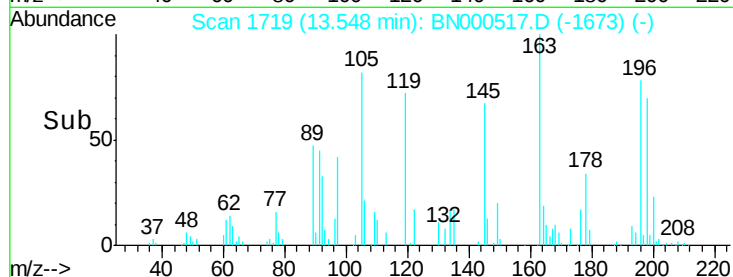
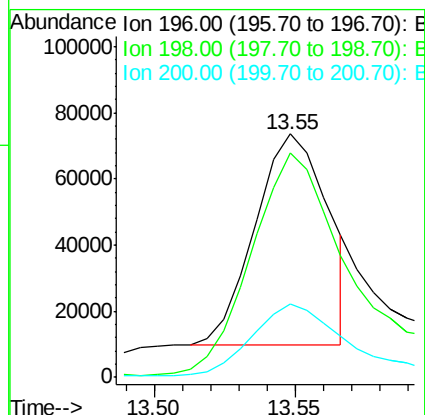
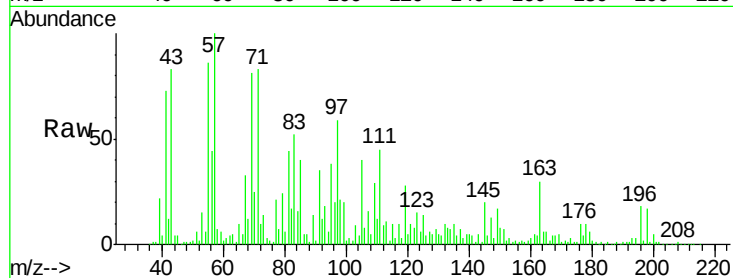




#38
 2,4,6-Trichlorophenol
 Concen: 22.540 ng/ul
 RT: 13.55 min Scan# 1719
 Delta R.T. 0.07 min
 Lab File: BN000517.D
 Acq: 21 Mar 2018 13:35

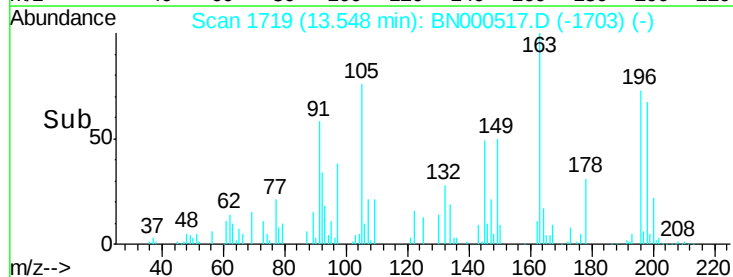
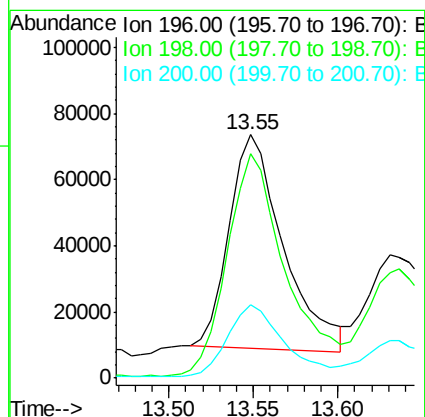
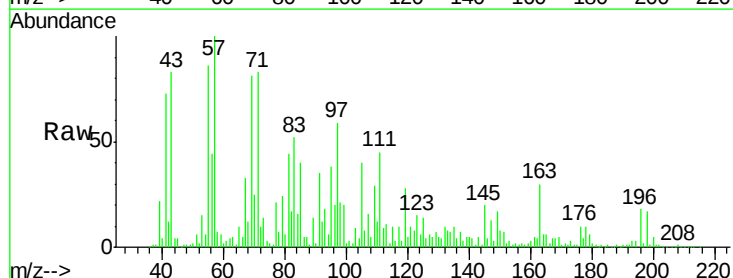
Instrument :
 BNA_N
 ClientSampled :

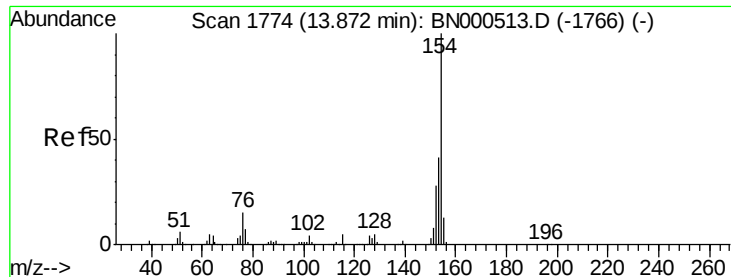
Tot Ion:196 Resp: 115194
 Ion Ratio Lower Upper
 196 100
 198 92.4 75.9 113.9
 200 29.9 25.8 38.6



#39
 2,4,5-Trichlorophenol
 Concen: 27.314 ng/ul
 RT: 13.55 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BN000517.D
 Acq: 21 Mar 2018 13:35

Tgt Ion:196 Resp: 145558
 Ion Ratio Lower Upper
 196 100
 198 92.4 74.7 112.1
 200 29.9 25.4 38.0

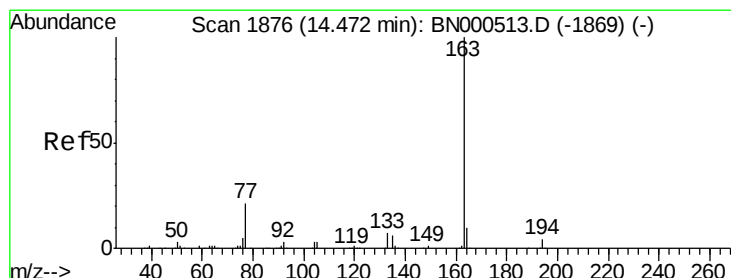
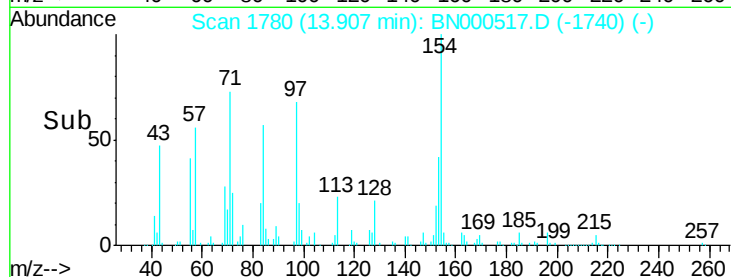
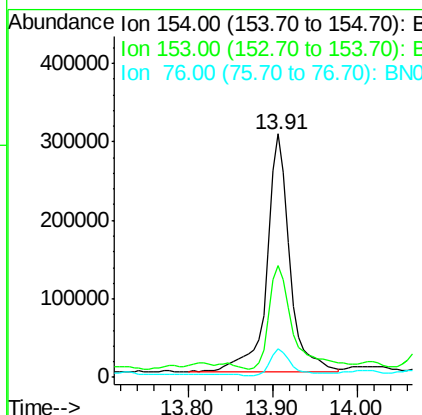
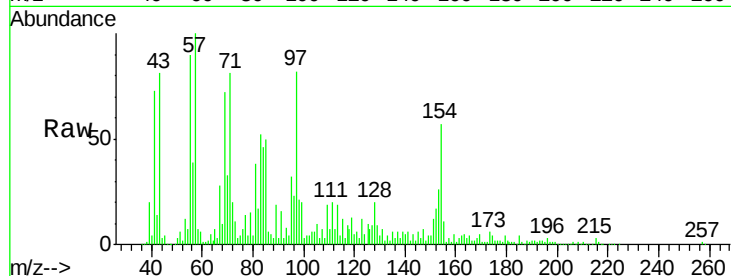




#40
1,1'-Biphenyl
Concen: 26.214 ng/ul
RT: 13.91 min Scan# 1780
Delta R.T. 0.04 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

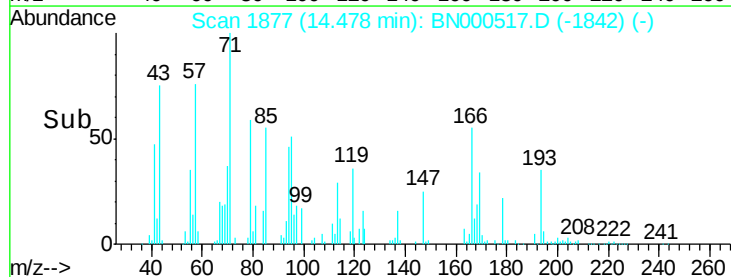
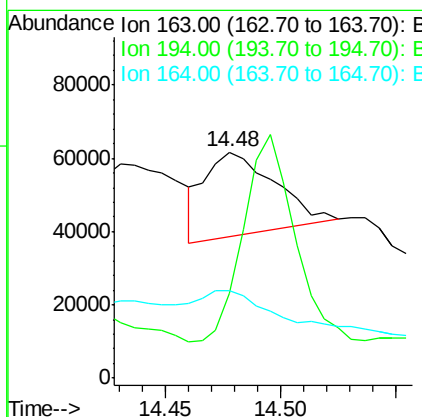
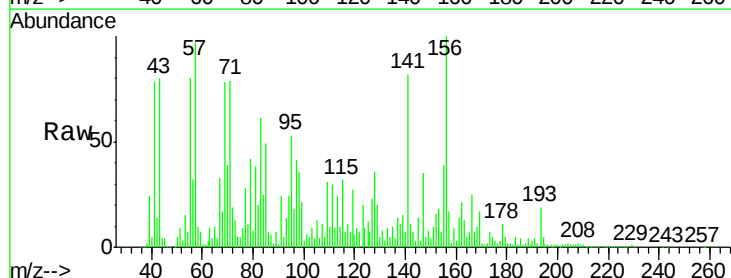
Instrument :
BNA_N
ClientSampleId :

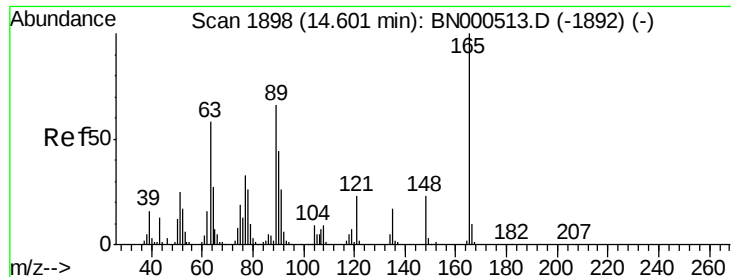
Tot Ion	Ratio	Lower	Upper
154	100		
153	46.0	34.0	51.0
76	11.6	8.4	12.6



#44
Dimethylphthalate
Concen: 2.441 ng/ul
RT: 14.48 min Scan# 1877
Delta R.T. 0.01 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	37.8	4.0	6.0#
164	38.6	8.4	12.6#

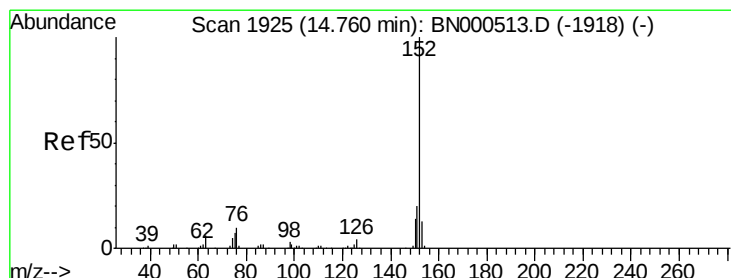
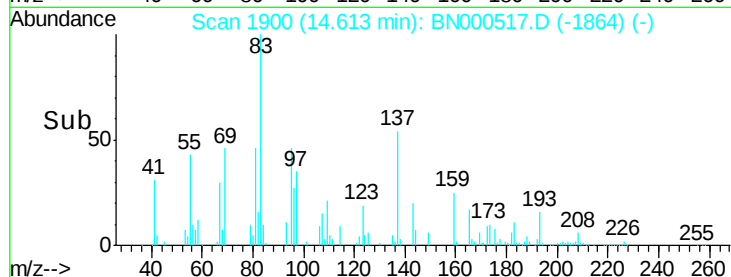
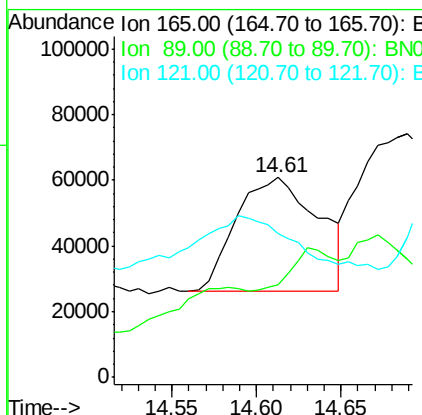
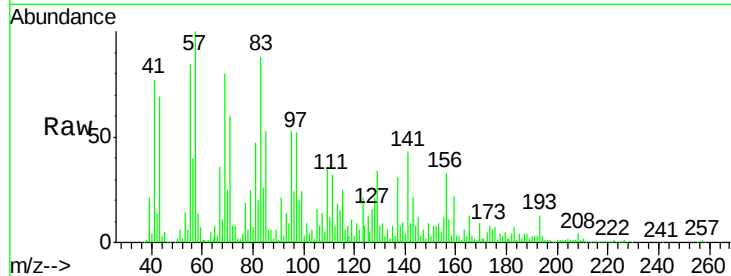




#45
2,6-Dinitrotoluene
Concen: 29.501 ng/ul
RT: 14.61 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

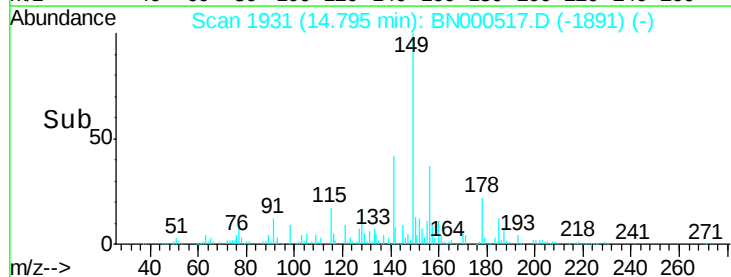
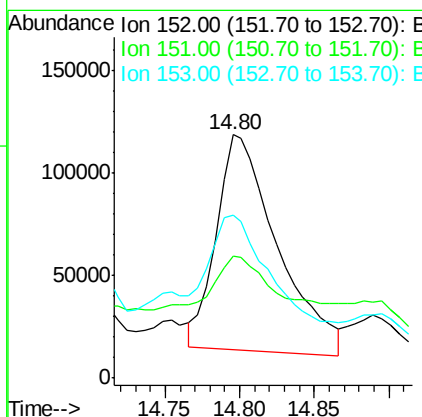
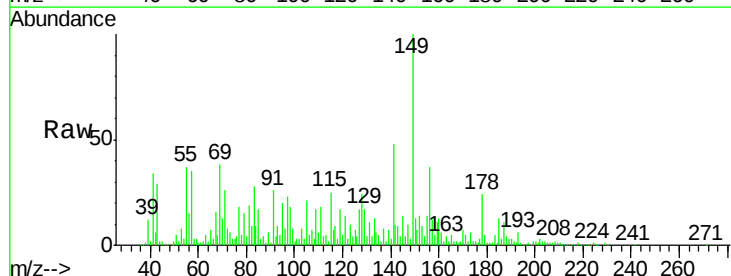
Instrument :
BNA_N
ClientSampleId :

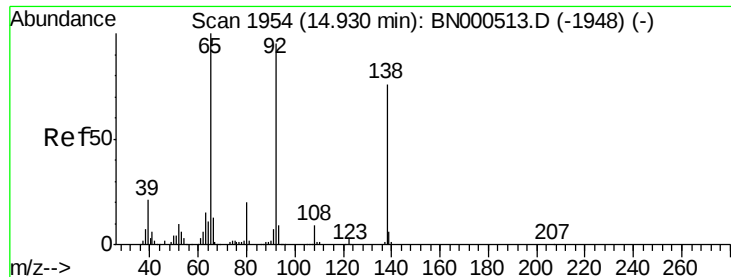
Tot Ion:165 Resp: 116510
Ion Ratio Lower Upper
165 100
89 46.4 43.8 65.8
121 71.9 17.8 26.6#



#47
Acenaphthylene
Concen: 11.719 ng/ul
RT: 14.80 min Scan# 1931
Delta R.T. 0.04 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

Tgt Ion:152 Resp: 300098
Ion Ratio Lower Upper
152 100
151 49.9 16.1 24.1#
153 67.0 10.8 16.2#

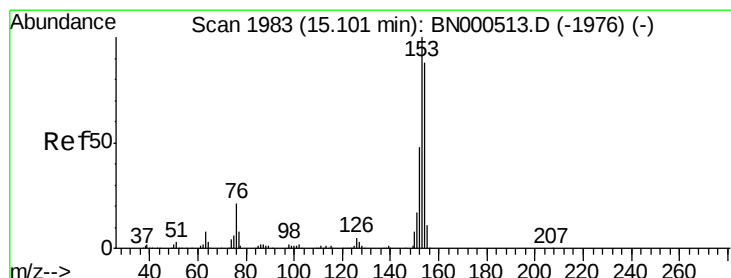
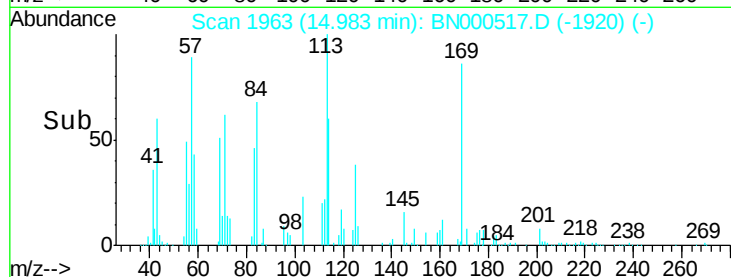
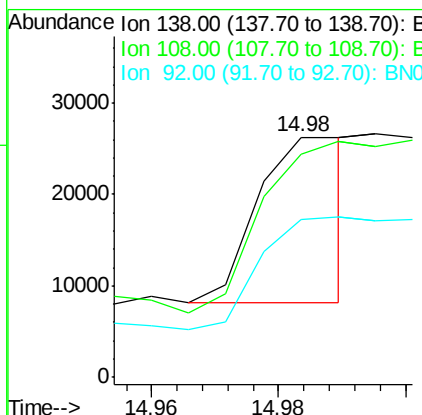
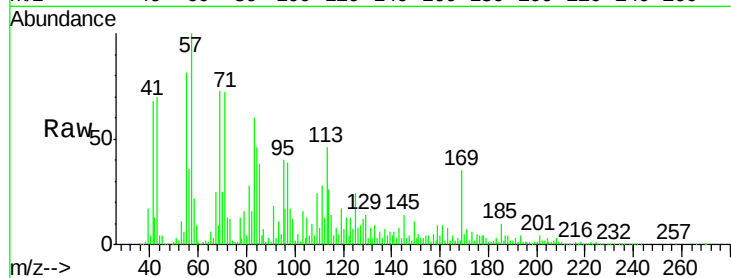




#48
3-Nitroaniline
Concen: 4.754 ng/ul
RT: 14.98 min Scan# 1963
Delta R.T. 0.05 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

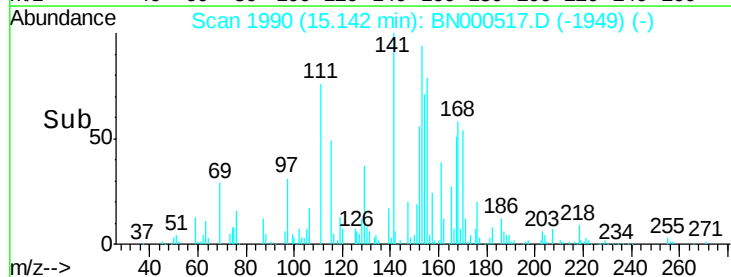
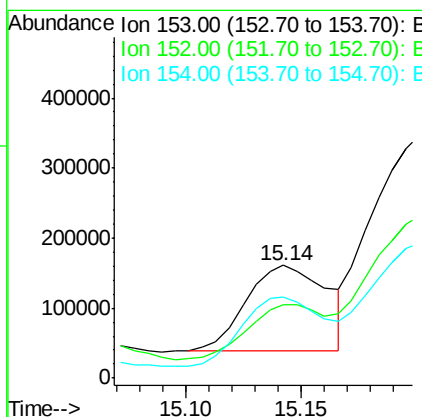
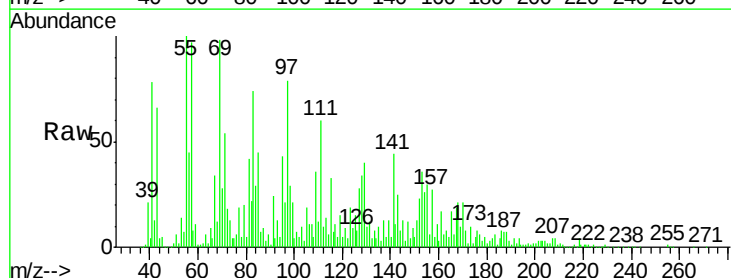
Instrument :
BNA_N
ClientSampleId :

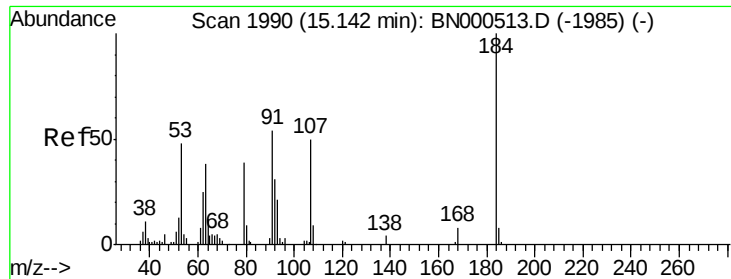
Tot Ion:138 Resp: 18128
Ion Ratio Lower Upper
138 100
108 92.7 7.6 11.4#
92 65.5 94.2 141.2#



#49
Acenaphthene
Concen: 16.815 ng/ul
RT: 15.14 min Scan# 1990
Delta R.T. 0.04 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

Tgt Ion:153 Resp: 293581
Ion Ratio Lower Upper
153 100
152 65.2 37.9 56.9#
154 72.3 69.8 104.6

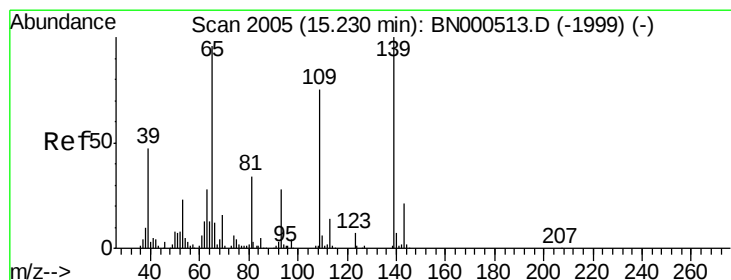
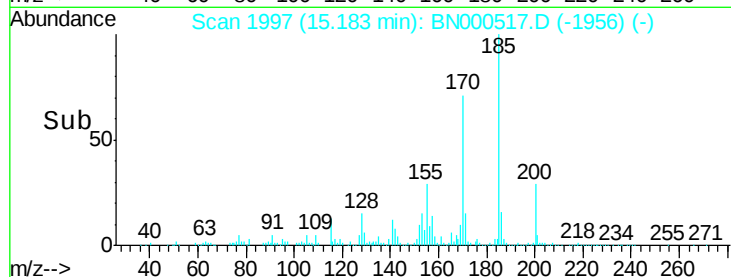
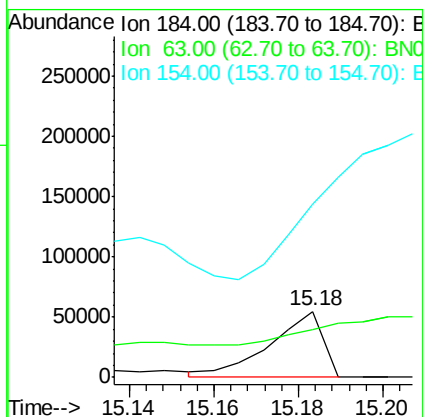
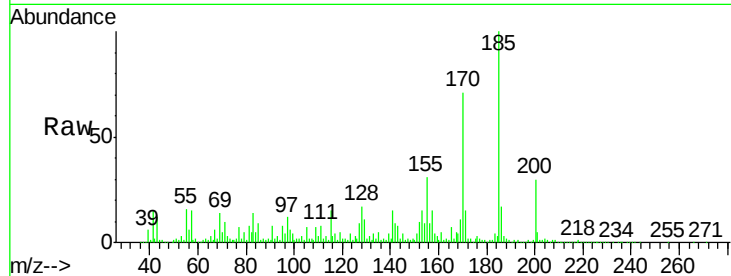




#50
2,4-Dinitrophenol
Concen: 25.598 ng/ul
RT: 15.18 min Scan# 1997
Delta R.T. 0.04 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

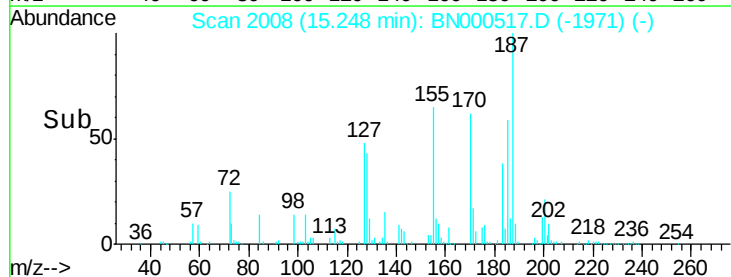
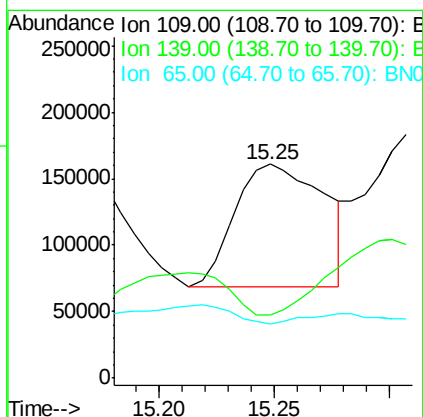
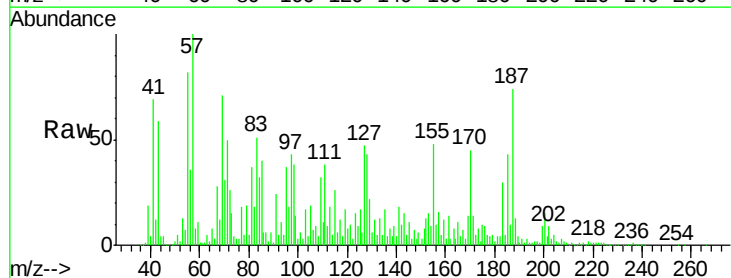
Instrument :
BNA_N
ClientSampleId :

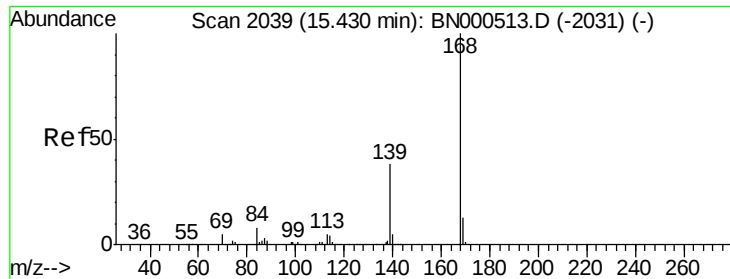
Tot Ion:184 Resp: 47695
Ion Ratio Lower Upper
184 100
63 73.0 39.7 59.5#
154 262.7 45.0 67.6#



#52
4-Nitrophenol
Concen: 86.290 ng/ul
RT: 15.25 min Scan# 2008
Delta R.T. 0.02 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

Tgt Ion:109 Resp: 245331
Ion Ratio Lower Upper
109 100
139 29.3 91.2 136.8#
65 25.2 92.6 139.0#





#53

Dibenzenofuran

Concen: 9.564 ng/ul

RT: 15.48 min Scan# 2048

Delta R.T. 0.05 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

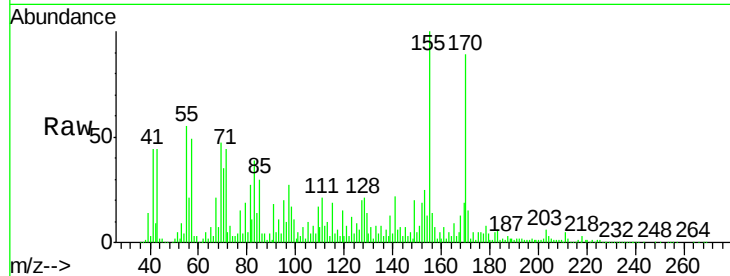
ClientSampleId :

Tot Ion:168 Resp: 226789

Ion Ratio Lower Upper

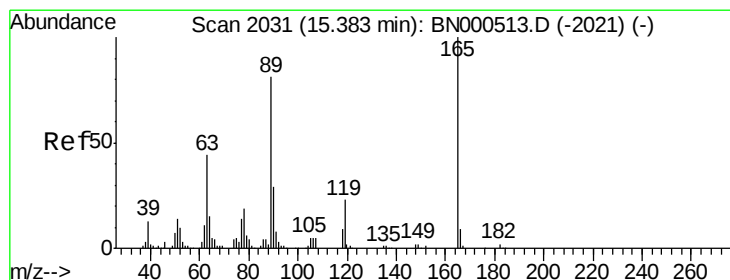
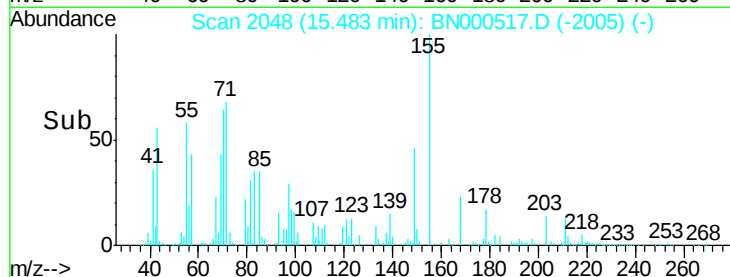
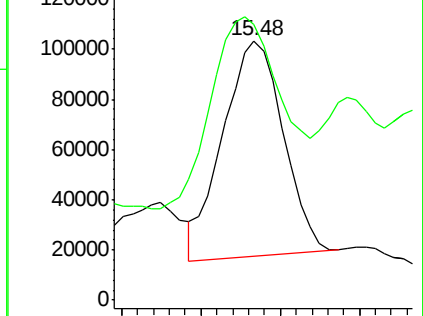
168 100

139 106.1 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: 3.168 ng/ul

RT: 15.41 min Scan# 2036

Delta R.T. 0.03 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

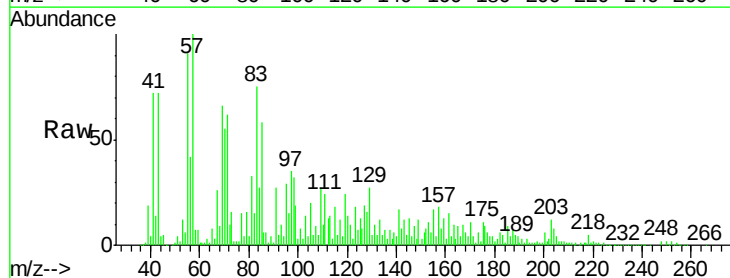
Tgt Ion:165 Resp: 17735

Ion Ratio Lower Upper

165 100

63 35.9 31.4 47.0

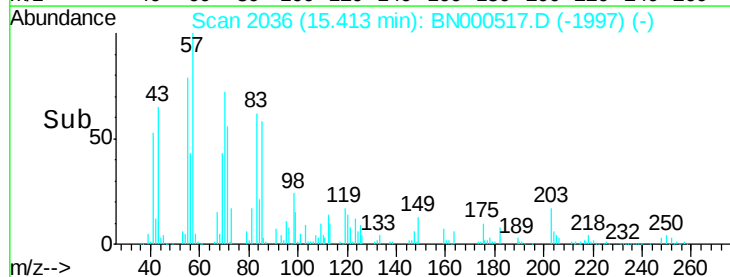
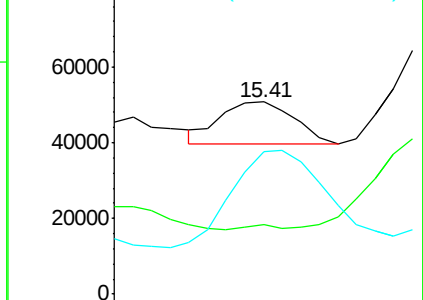
182 74.2 2.7 4.1#

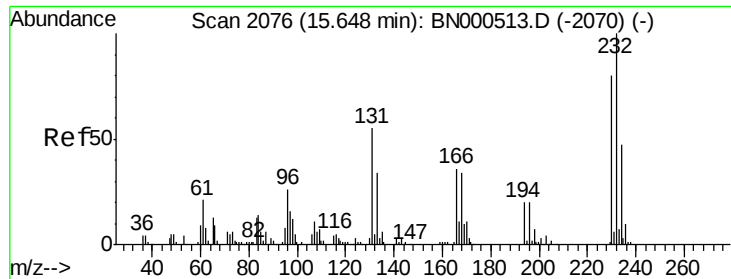


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#55

2,3,4,6-Tetrachlorophenol

Concen: 167.257 ng/ul

RT: 15.64 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

ClientSampleId :

Tot Ion:232 Resp: 680625

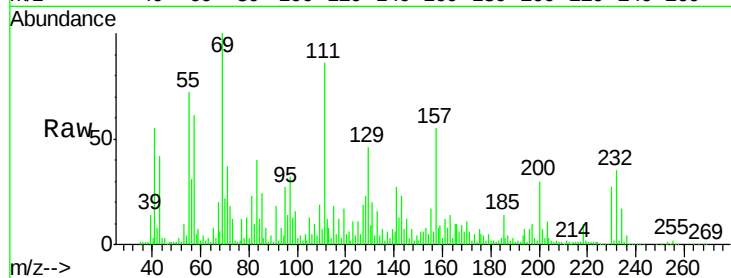
Ion Ratio Lower Upper

232 100

131 56.5 48.0 72.0

130 25.5 4.0 6.0#

166 29.3 32.0 48.0#

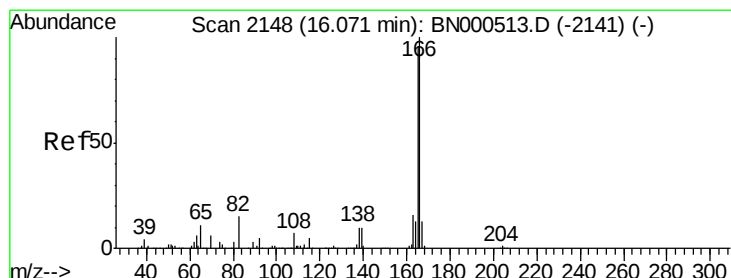
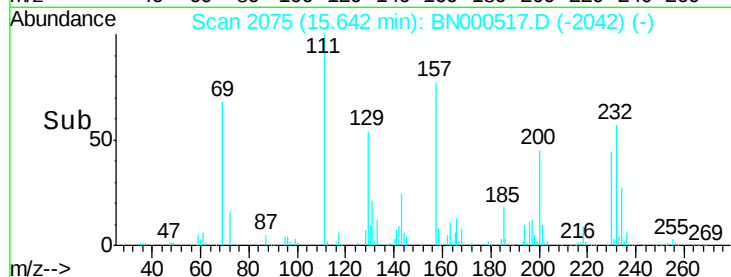
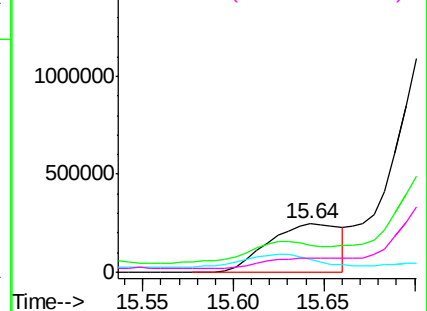


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#58

Fluorene

Concen: 29.805 ng/ul

RT: 16.13 min Scan# 2158

Delta R.T. 0.06 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

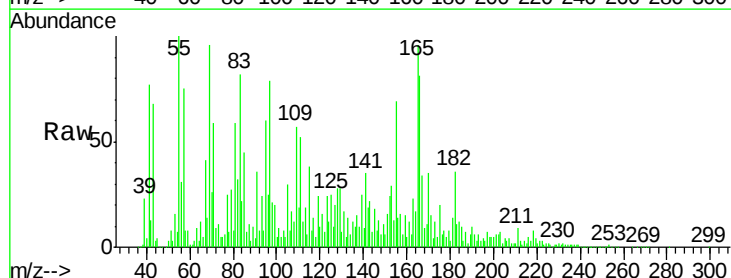
Tgt Ion:166 Resp: 561639

Ion Ratio Lower Upper

166 100

165 118.4 78.4 117.6#

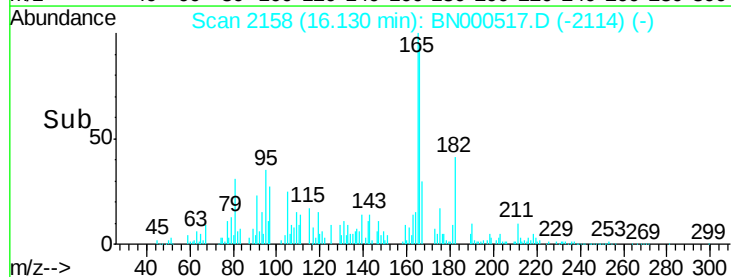
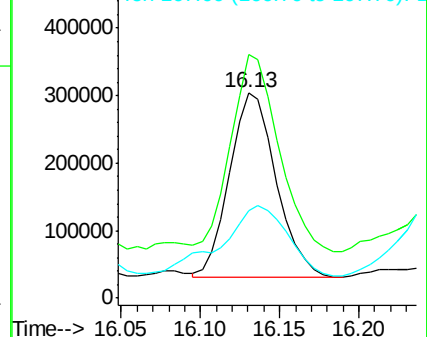
167 42.3 11.1 16.7#

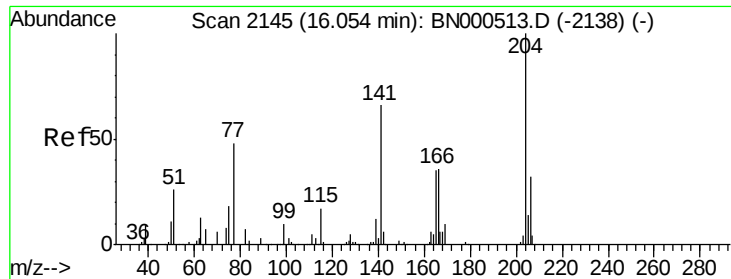


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

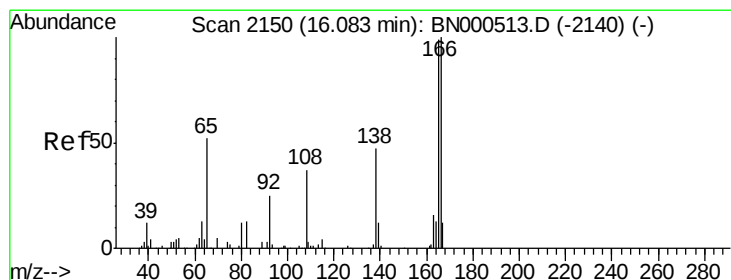
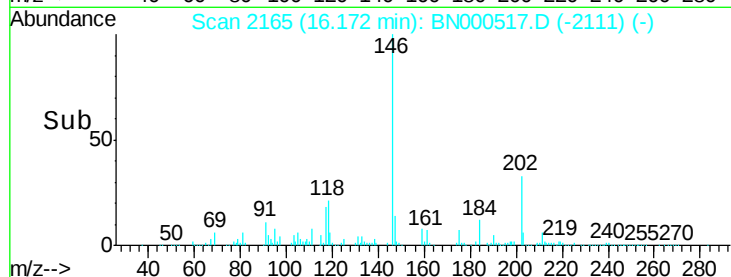
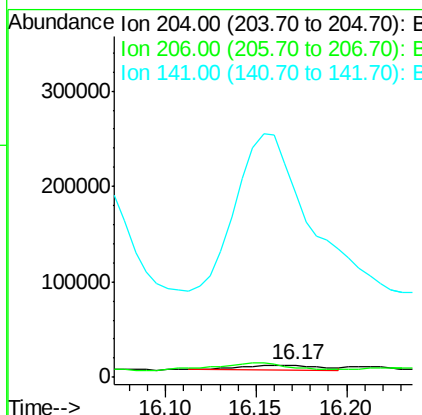
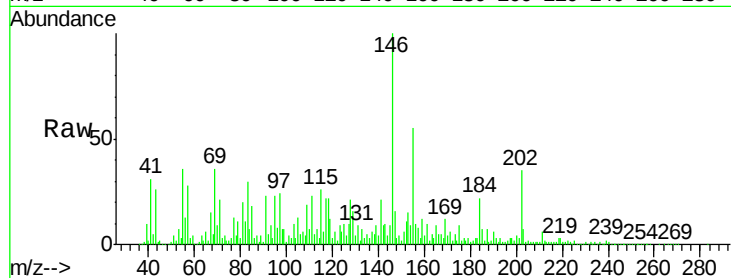




#59
4-Chlorophenyl-phenylether
Concen: 1.950 ng/ul
RT: 16.17 min Scan# 2165
Delta R.T. 0.12 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

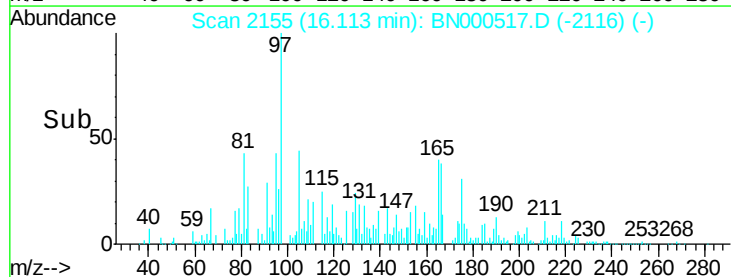
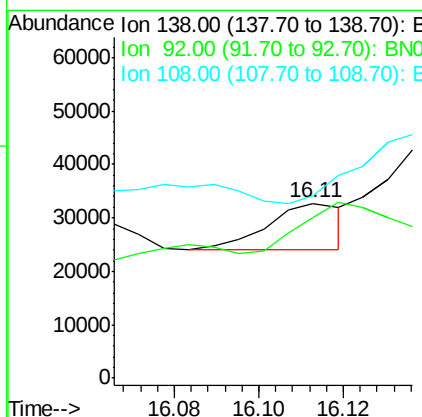
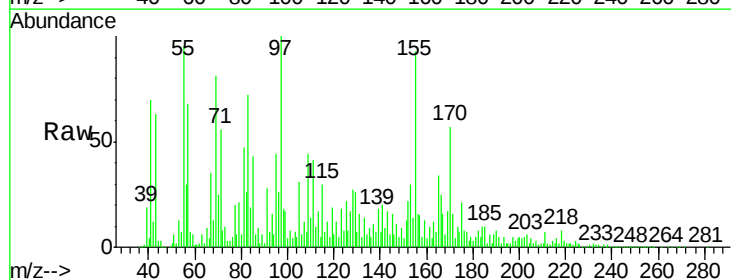
Instrument :
BNA_N
ClientSampleId :

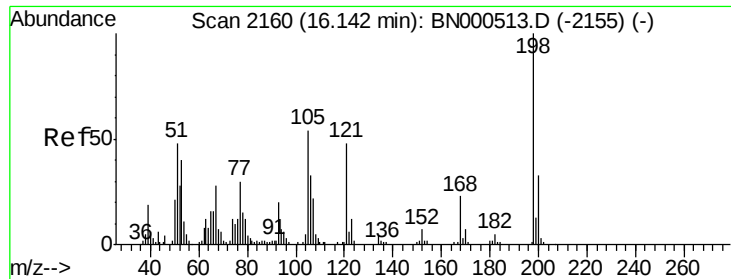
Tot Ion:204 Resp: 16977
Ion Ratio Lower Upper
204 100
206 78.9 26.6 40.0#
141 1523.2 40.7 61.1#



#60
4-Nitroaniline
Concen: 2.470 ng/ul
RT: 16.11 min Scan# 2155
Delta R.T. 0.03 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

Tgt Ion:138 Resp: 10579
Ion Ratio Lower Upper
138 100
92 92.1 38.2 57.4#
108 104.4 70.0 105.0

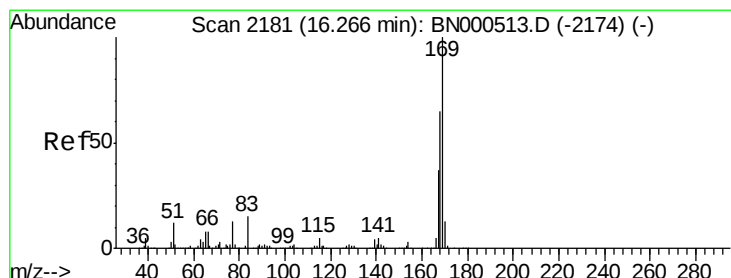
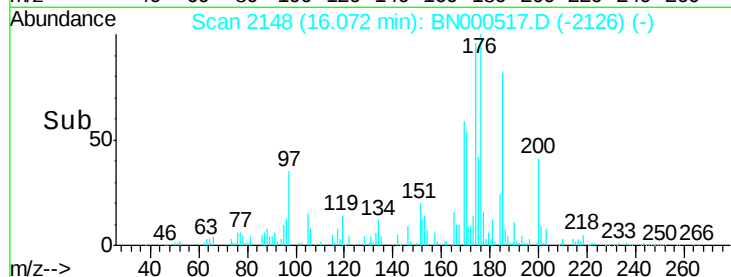
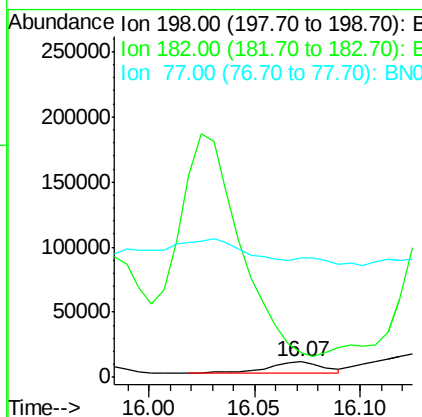
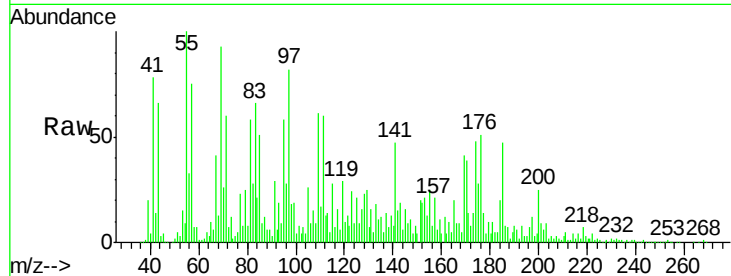




#63
4,6-Dinitro-2-methylphenol
Concen: 113.278 ng/ul
RT: 16.07 min Scan# 2148
Delta R.T. -0.07 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

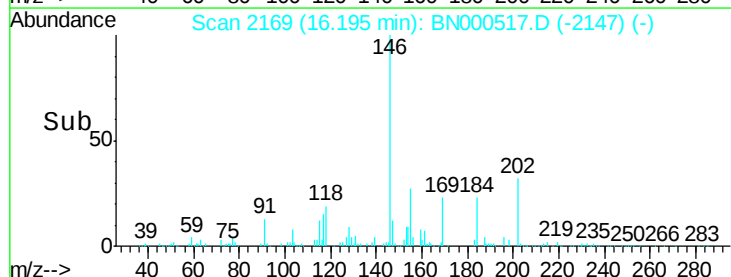
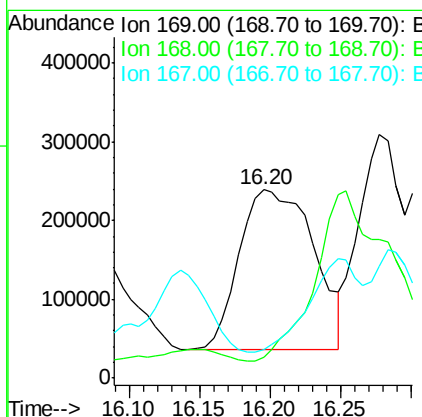
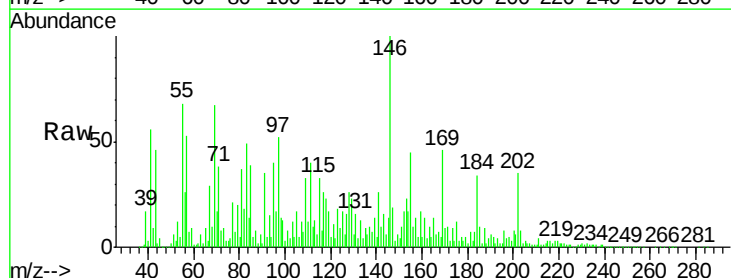
Instrument :
BNA_N
ClientSampleId :

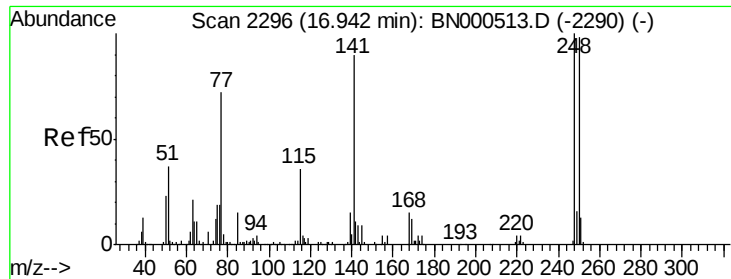
Tot Ion:198 Resp: 16076
Ion Ratio Lower Upper
198 100
182 157.9 3.5 5.3#
77 782.1 18.2 27.4#



#64
N-Nitrosodiphenylamine
Concen: 969.064 ng/ul
RT: 16.20 min Scan# 2169
Delta R.T. -0.07 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

Tgt Ion:169 Resp: 749332
Ion Ratio Lower Upper
169 100
168 11.0 53.8 80.8#
167 15.3 29.5 44.3#

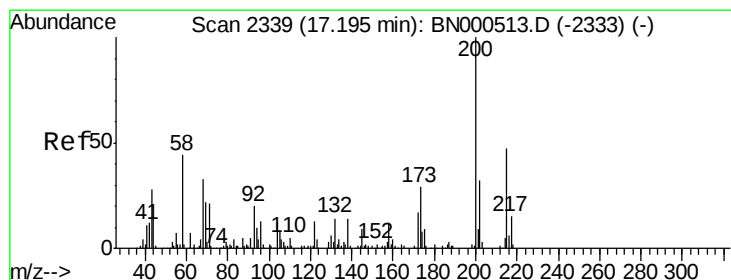
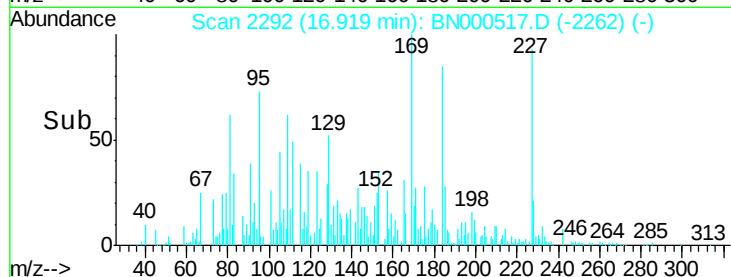
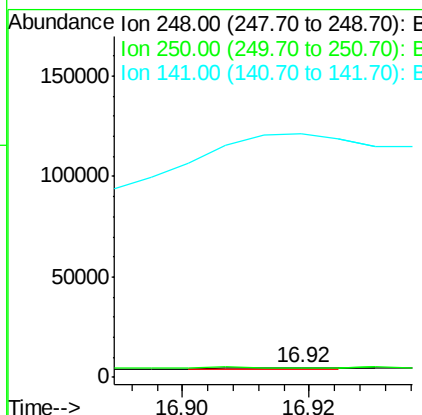
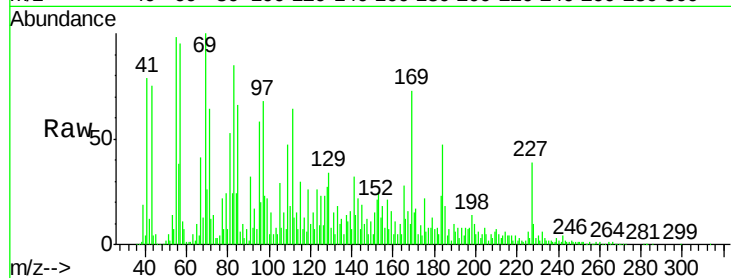




#65
4-Bromophenyl-phenylether
Concen: 3.553 ng/ul
RT: 16.92 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

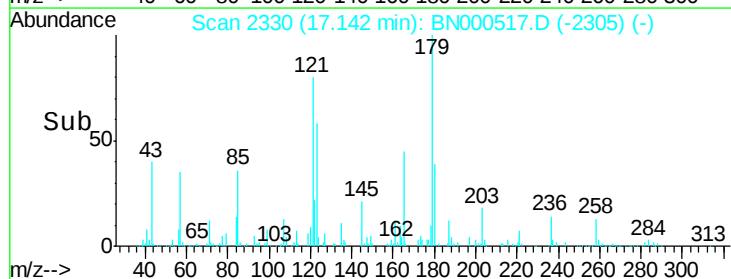
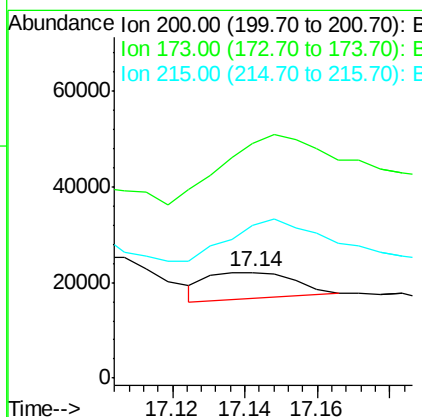
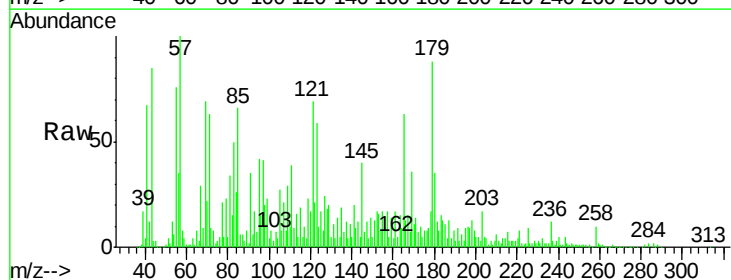
Instrument :
BNA_N
ClientSampleId :

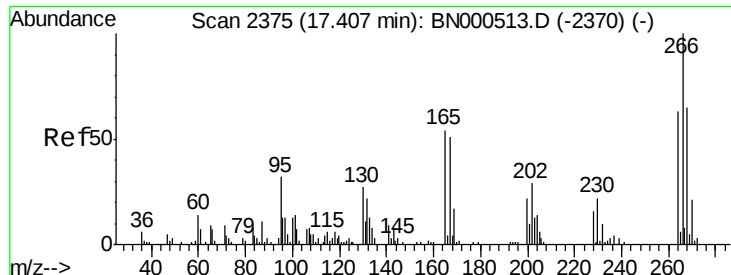
Tot Ion:248 Resp: 850
Ion Ratio Lower Upper
248 100
250 95.1 79.0 118.4
141 2546.9 51.9 77.9#



#67
Atrazine
Concen: 39.980 ng/ul
RT: 17.14 min Scan# 2330
Delta R.T. -0.05 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

Tgt Ion:200 Resp: 9324
Ion Ratio Lower Upper
200 100
173 221.8 20.6 31.0#
215 145.3 39.8 59.6#

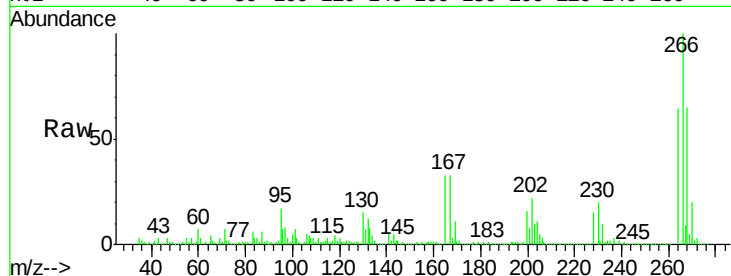




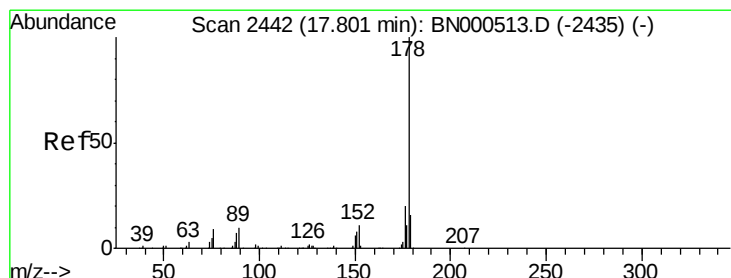
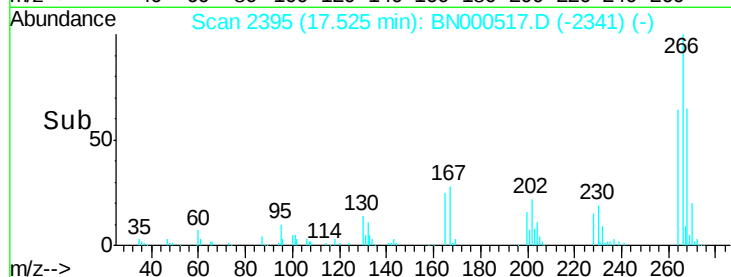
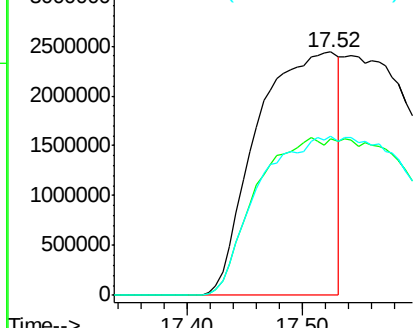
#68
 Pentachlorophenol
 Concen: 87907.410 ng/ul
 RT: 17.52 min Scan# 2395
 Delta R.T. 0.12 min
 Lab File: BN000517.D
 Acq: 21 Mar 2018 13:35

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp:11723896
 Ion Ratio Lower Upper
 266 100
 264 64.2 48.2 72.4
 268 65.4 52.3 78.5

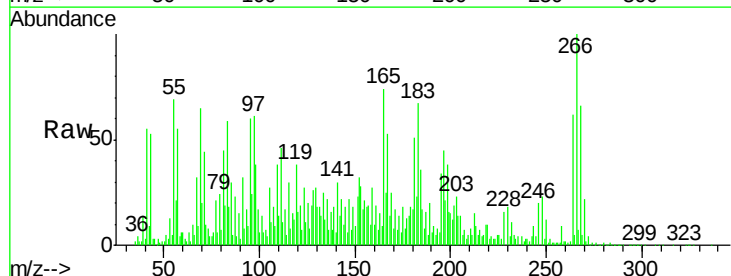


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

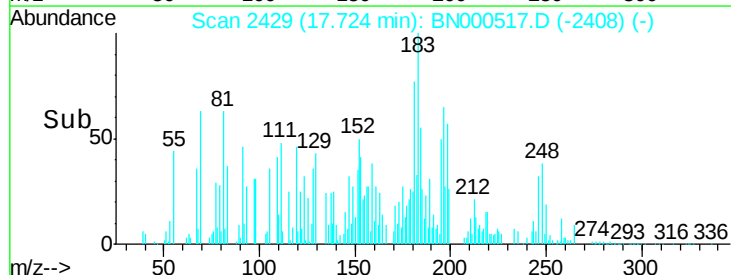
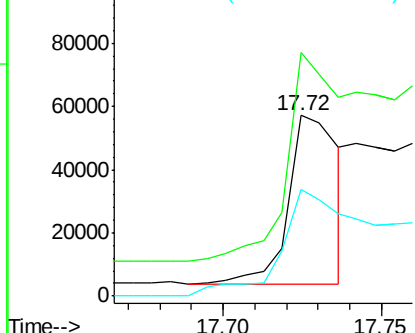


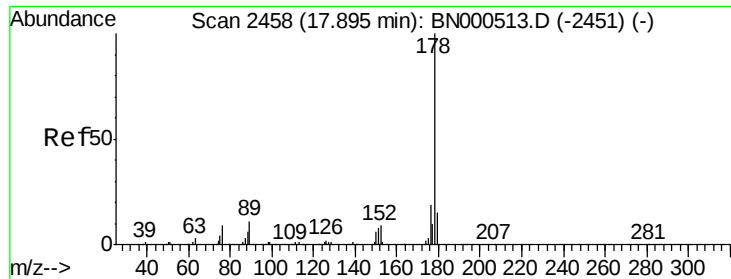
#69
 Phenanthrene
 Concen: 43.578 ng/ul
 RT: 17.72 min Scan# 2429
 Delta R.T. -0.08 min
 Lab File: BN000517.D
 Acq: 21 Mar 2018 13:35

Tgt Ion:178 Resp: 58927
 Ion Ratio Lower Upper
 178 100
 179 134.8 12.3 18.5#
 176 58.9 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: 14.648 ng/ul

RT: 17.81 min Scan# 2443

Delta R.T. -0.09 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

ClientSampleId :

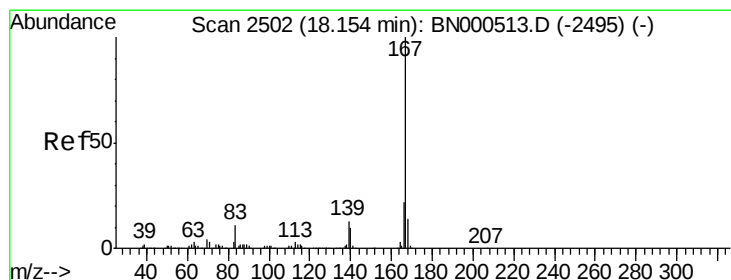
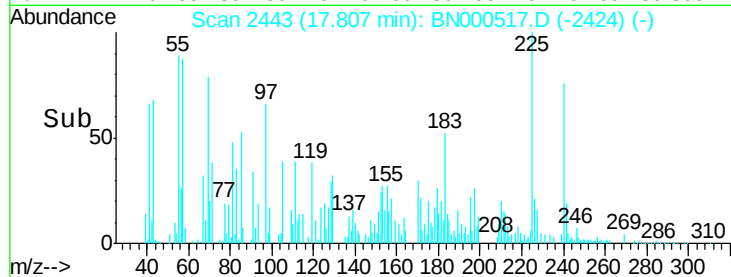
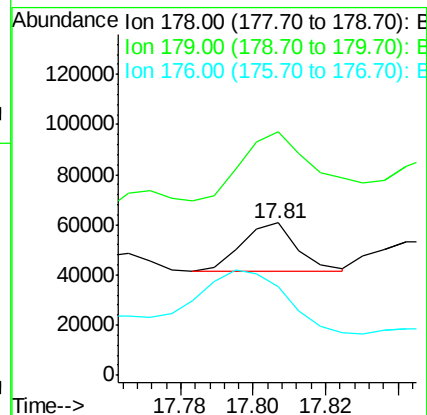
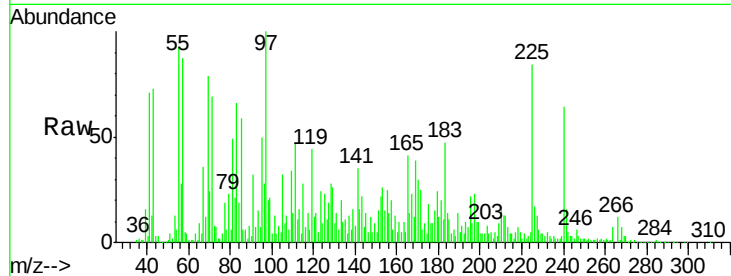
Tot Ion:178 Resp: 20310

Ion Ratio Lower Upper

178 100

179 159.6 13.4 20.2#

176 57.9 15.4 23.0#



#72

Carbazole

Concen: 62.341 ng/ul

RT: 18.11 min Scan# 2495

Delta R.T. -0.04 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

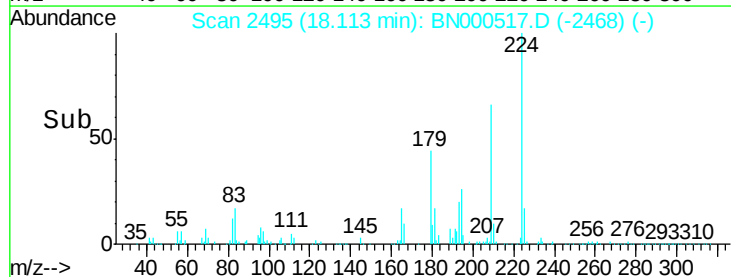
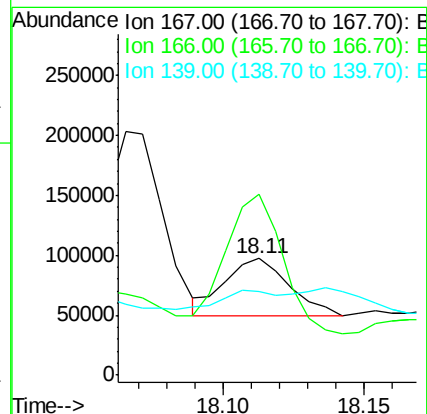
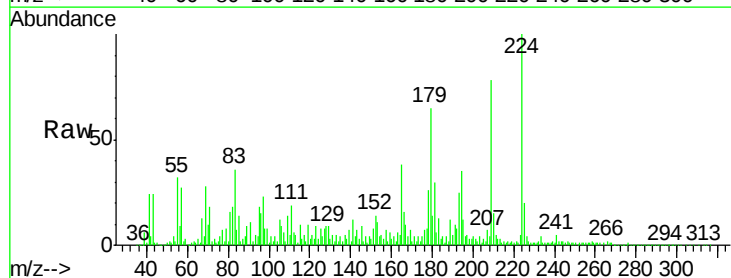
Tgt Ion:167 Resp: 74124

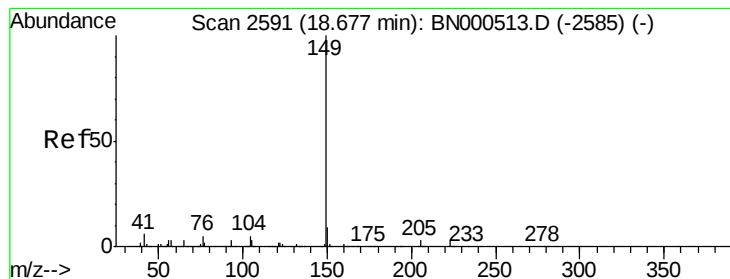
Ion Ratio Lower Upper

167 100

166 155.0 17.0 25.4#

139 71.8 9.1 13.7#





#73

Di-n-butylphthalate

Concen: 37.221 ng/ul

RT: 18.61 min Scan# 2579

Delta R.T. -0.07 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

ClientSampled :

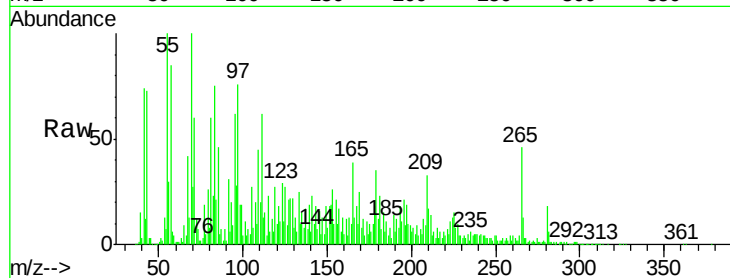
Tot Ion:149 Resp: 60184

Ion Ratio Lower Upper

149 100

150 44.3 7.5 11.3#

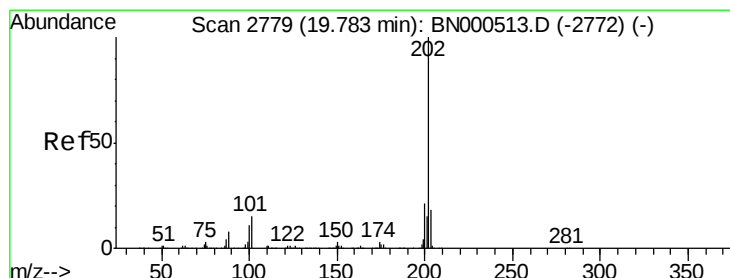
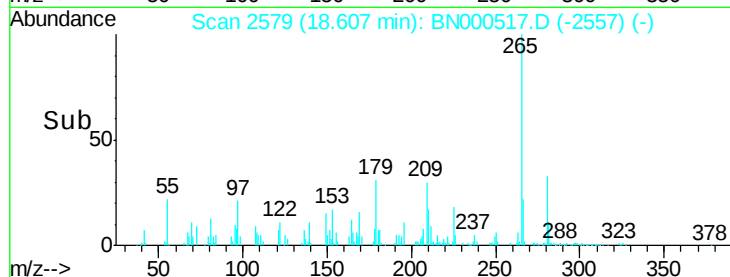
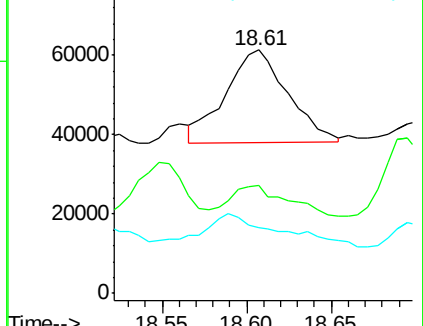
104 26.8 4.1 6.1#



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: 6.474 ng/ul

RT: 19.77 min Scan# 2776

Delta R.T. -0.02 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

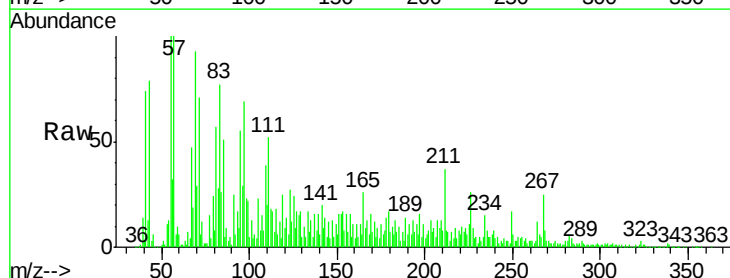
Tgt Ion:202 Resp: 8699

Ion Ratio Lower Upper

202 100

101 161.2 6.1 9.1#

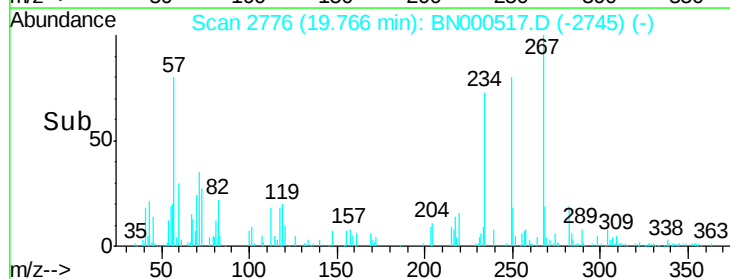
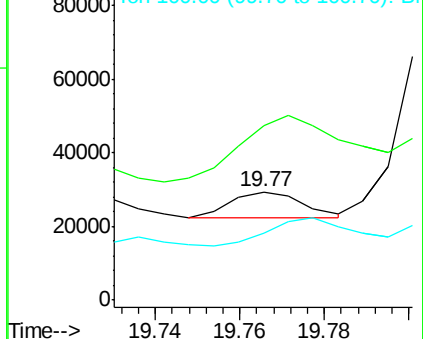
100 61.9 4.6 7.0#

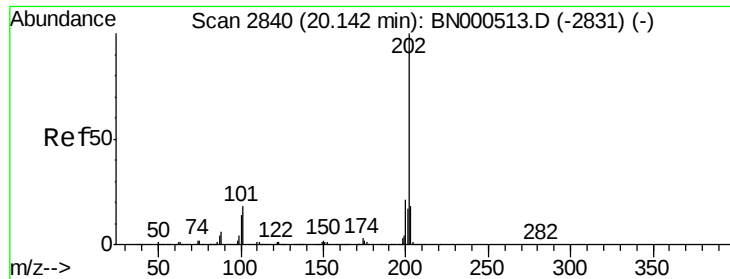


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 30.151 ng/ul

RT: 20.08 min Scan# 2829

Delta R.T. -0.06 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

ClientSampled :

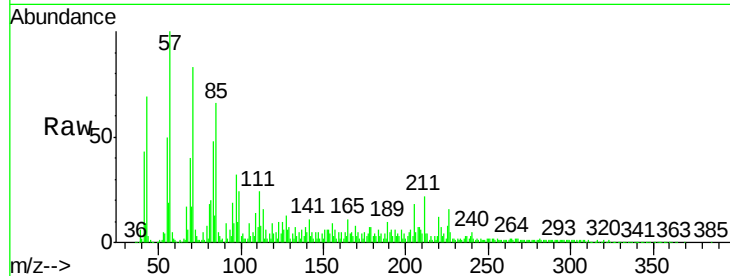
Tot Ion:202 Resp: 15477

Ion Ratio Lower Upper

202 100

101 81.9 6.9 10.3#

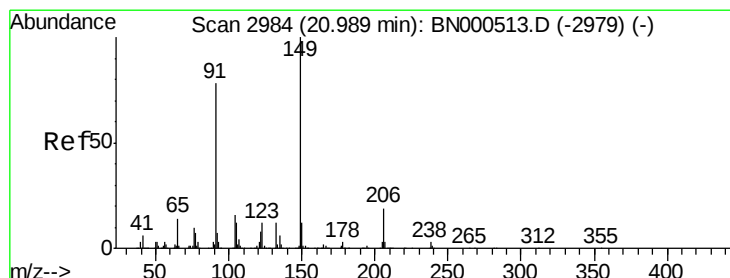
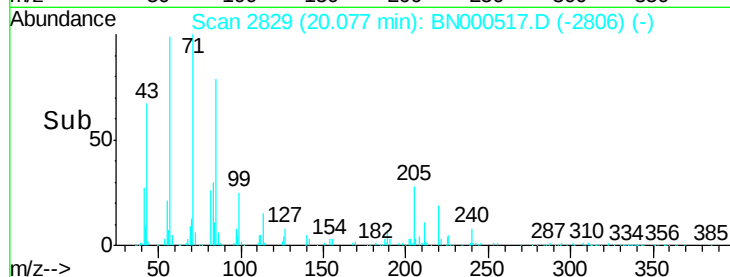
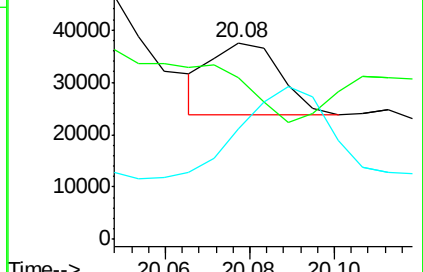
100 56.0 5.6 8.4#



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: 3.867 ng/ul

RT: 20.95 min Scan# 2978

Delta R.T. -0.04 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

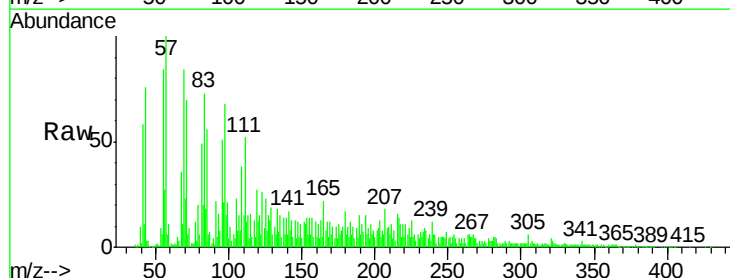
Tgt Ion:149 Resp: 986

Ion Ratio Lower Upper

149 100

91 206.0 53.4 80.0#

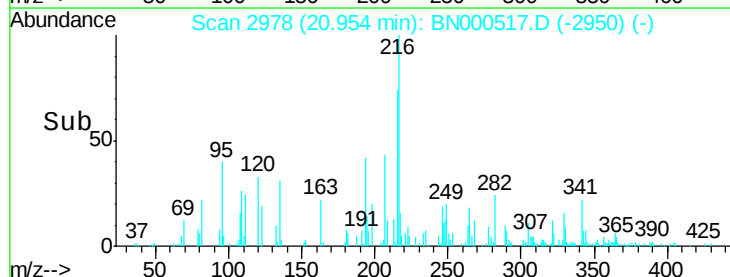
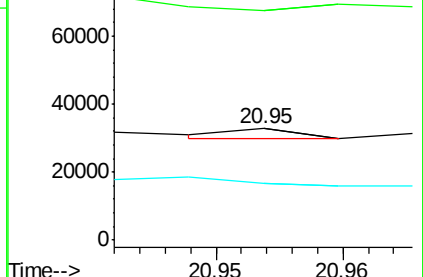
206 51.3 19.3 28.9#

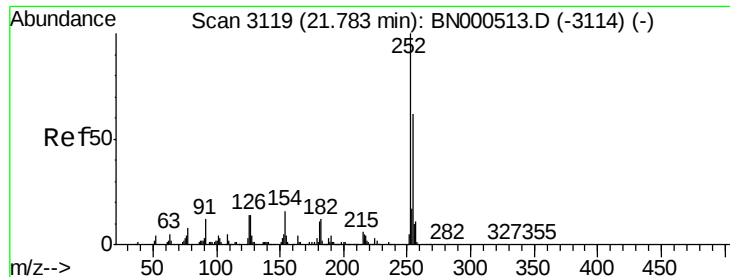


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#79

3,3'-Dichlorobenzidine

Concen: 11.311 ng/ul

RT: 21.75 min Scan# 3114

Delta R.T. -0.03 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

ClientSampleId :

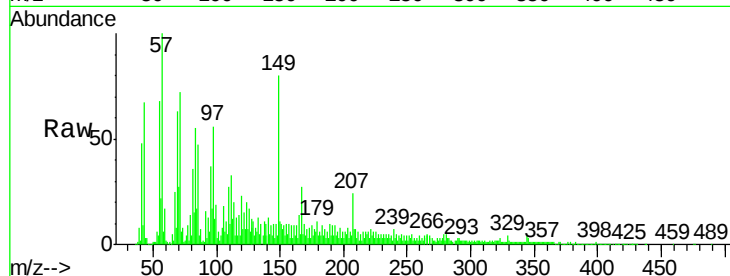
Tot Ion:252 Resp: 1553

Ion Ratio Lower Upper

252 100

254 89.5 52.8 79.2#

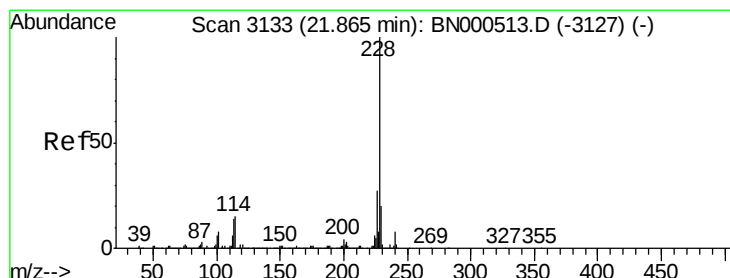
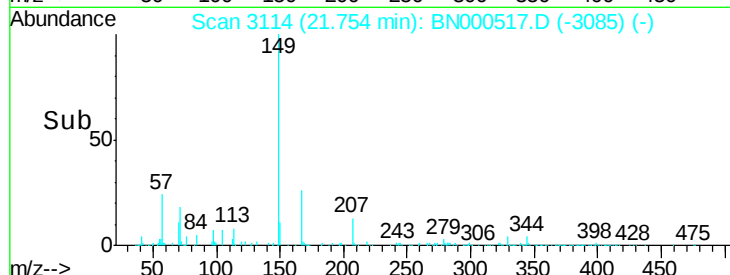
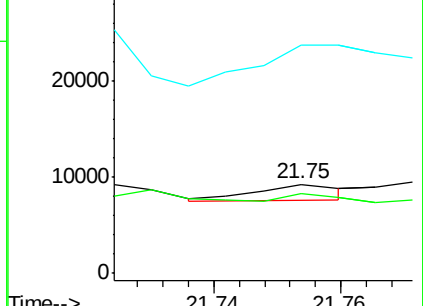
126 256.3 6.9 10.3#



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: 14.972 ng/ul

RT: 21.84 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

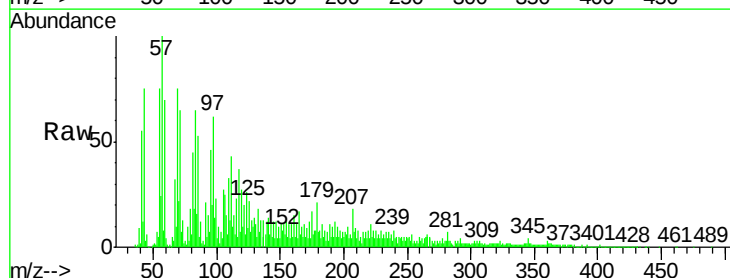
Tgt Ion:228 Resp: 7011

Ion Ratio Lower Upper

228 100

229 189.7 16.0 24.0#

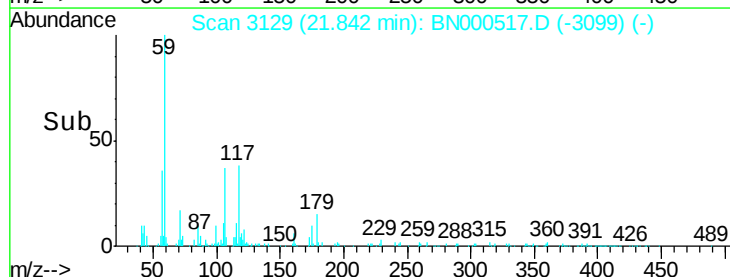
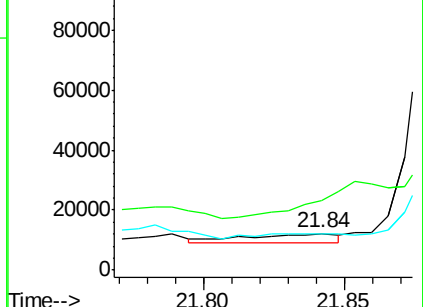
226 98.3 21.8 32.8#

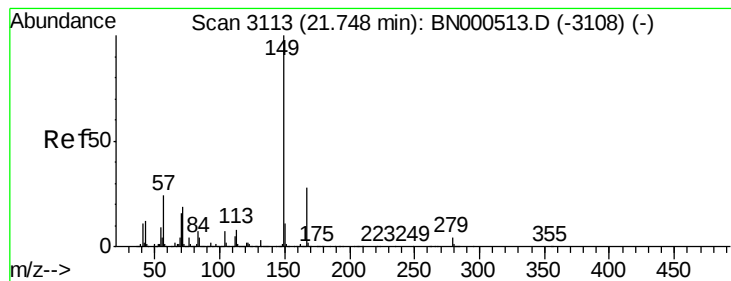


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 1281.808 ng/ul

RT: 21.76 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

ClientSampled :

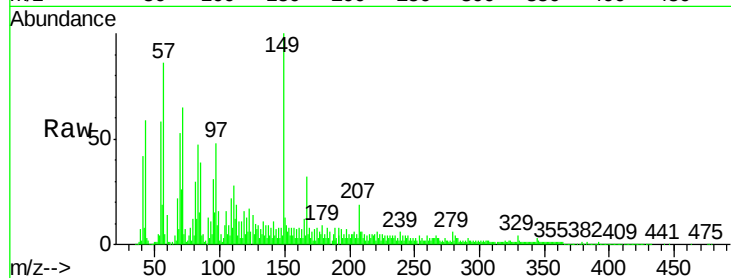
Tot Ion:149 Resp: 474491

Ion Ratio Lower Upper

149 100

167 31.9 23.0 34.6

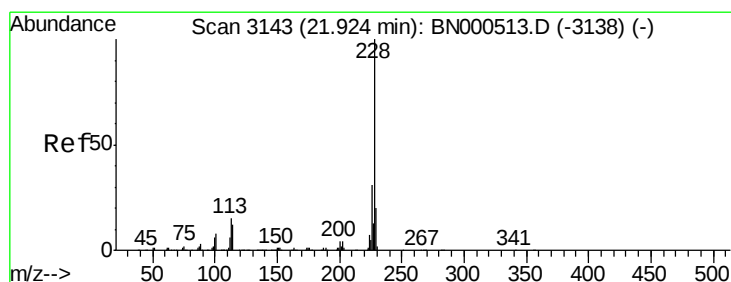
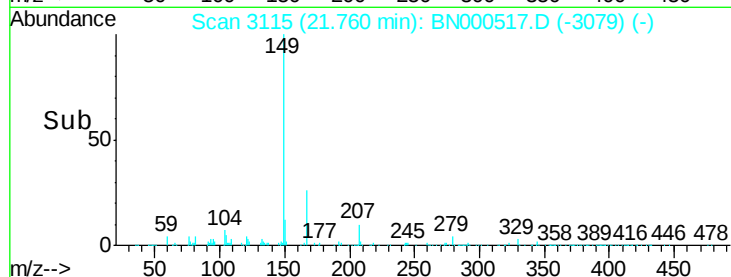
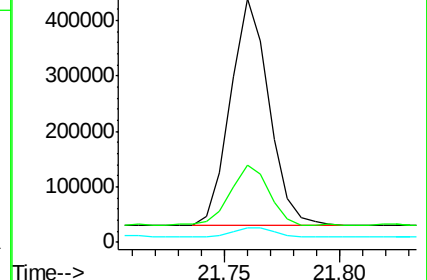
279 6.0 4.3 6.5



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: 482.414 ng/ul

RT: 21.89 min Scan# 3137

Delta R.T. -0.04 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

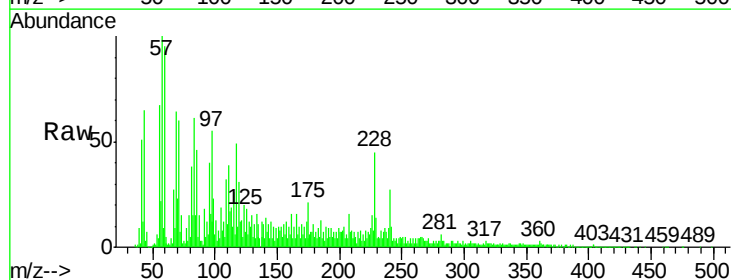
Tgt Ion:228 Resp: 211774

Ion Ratio Lower Upper

228 100

226 32.1 24.1 36.1

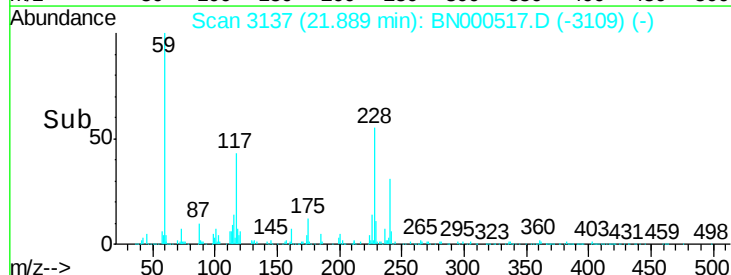
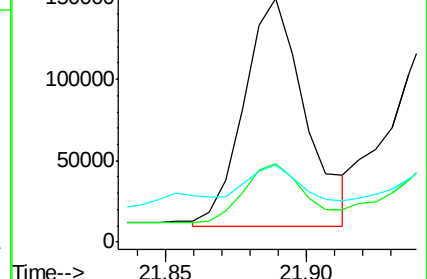
229 31.5 16.0 24.0#

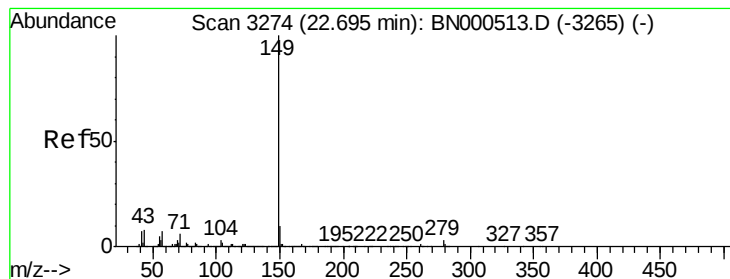


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 6.723 ng/ul

RT: 22.72 min Scan# 3278

Delta R.T. 0.02 min

Lab File: BN000517.D

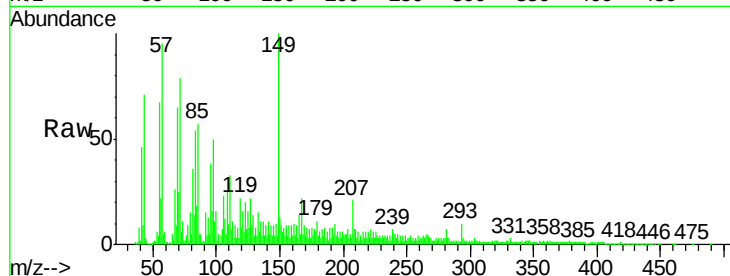
Acq: 21 Mar 2018 13:35

Instrument :

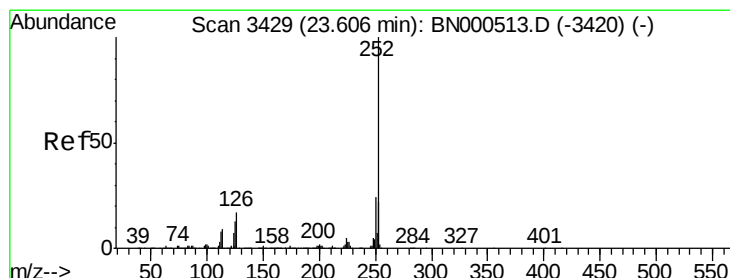
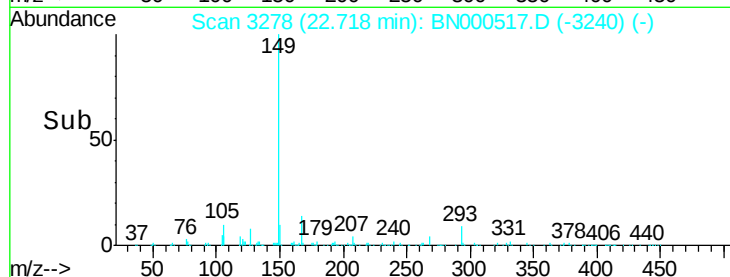
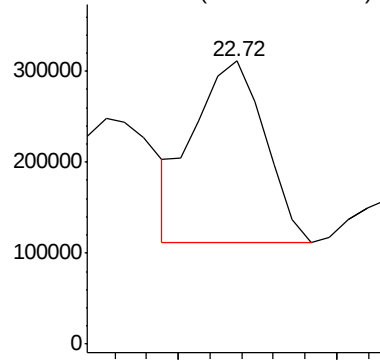
BNA_N

ClientSampleId :

Tgt Ion:149 Resp: 309203



Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 4.561 ng/ul

RT: 23.64 min Scan# 3434

Delta R.T. 0.03 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

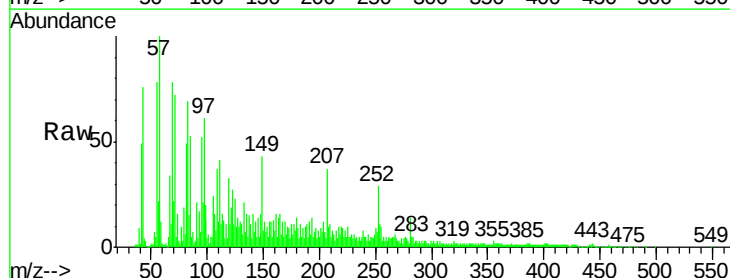
Tgt Ion:252 Resp: 157476

Ion Ratio Lower Upper

252 100

253 39.2 17.4 26.0#

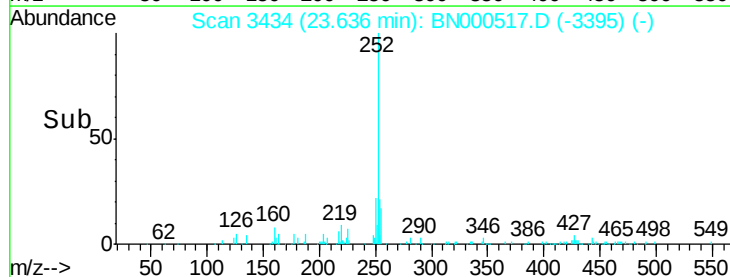
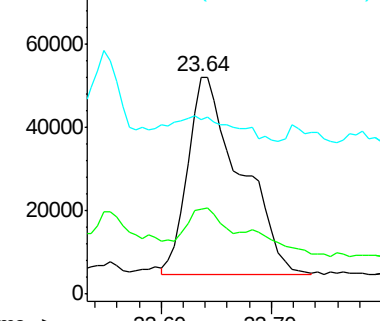
125 80.6 4.9 7.3#

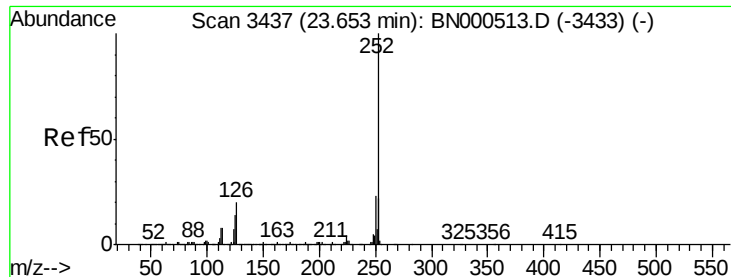


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 4.668 ng/ul

RT: 23.64 min Scan# 3434

Delta R.T. -0.02 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

ClientSampleId :

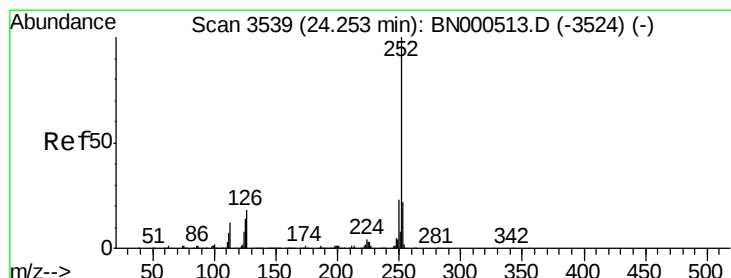
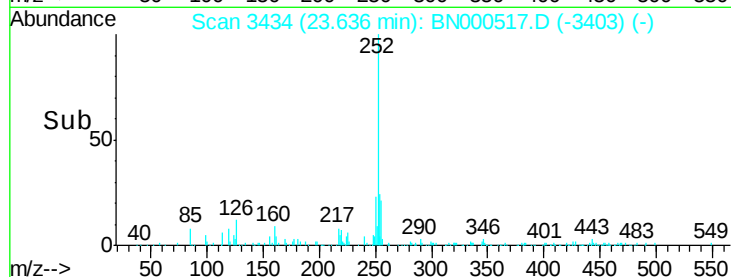
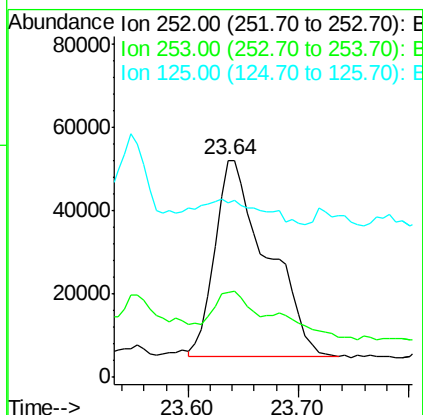
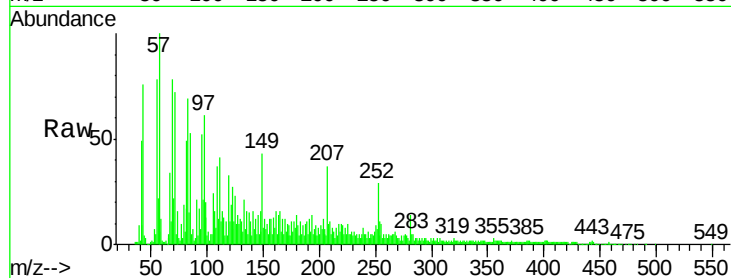
Tot Ion:252 Resp: 155601

Ion Ratio Lower Upper

252 100

253 39.2 17.1 25.7#

125 80.6 5.4 8.0#



#88

Benzo(a)pyrene

Concen: 1.869 ng/ul

RT: 24.29 min Scan# 3545

Delta R.T. 0.04 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Tgt Ion:252 Resp: 60729

Ion Ratio Lower Upper

252 100

253 43.3 17.2 25.8#

125 99.6 5.8 8.6#

