

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101528.D
 Acq On : 19 Dec 2017 17:54
 Operator : SJ/JU
 Sample : I6940-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Quant Time: Dec 20 06:57:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133334	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	518218	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	227216	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	385355	20.00	ng	0.00
75) Chrysene-d12	13.99	240	245979	20.00	ng	0.00
86) Perylene-d12	15.46	264	313142	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	833683	93.14	ng	0.02
7) Phenol-d6	6.46	99	1096371	98.42	ng	0.00
23) Nitrobenzene-d5	7.38	82	705155	75.75	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	183147	83.65	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1070707	73.10	ng	0.00
78) Terphenyl-d14	12.92	244	796917	78.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	149553	32.516	ng	95
3) Pyridine	3.35	79	400792	31.364	ng	95
4) n-Nitrosodimethylamine	3.32	42	196485	33.394	ng	97
6) Aniline	6.48	93	108077	6.981	ng	# 50
8) 2-Chlorophenol	6.60	128	338261	35.924	ng	98
9) Benzaldehyde	6.37	77	229923	27.947	ng	95
10) Phenol	6.47	94	499189	39.315	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	357598	35.905	ng	94
12) 1,3-Dichlorobenzene	6.75	146	390387	36.735	ng	98
13) 1,4-Dichlorobenzene	6.83	146	398113	36.685	ng	98
14) 1,2-Dichlorobenzene	6.98	146	362319	37.091	ng	95
15) Benzyl Alcohol	6.96	79	272156	35.494	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	571605	37.501	ng	59
17) 2-Methylphenol	7.07	107	289955	33.477	ng	# 90
18) Hexachloroethane	7.31	117	133683	35.431	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	247457	33.825	ng	96
20) 3+4-Methylphenols	7.23	107	390782	42.577	ng	93
22) Acetophenone	7.22	105	495265	41.885	ng	# 97
24) Nitrobenzene	7.40	77	380899	36.969	ng	100
25) Isophorone	7.63	82	688396	36.861	ng	100
26) 2-Nitrophenol	7.72	139	145446	32.858	ng	95
27) 2,4-Dimethylphenol	7.75	122	314870	41.871	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	443007	37.344	ng	99
29) 2,4-Dichlorophenol	7.96	162	285867	38.478	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	300213	38.291	ng	97
31) Naphthalene	8.12	128	1018982	39.058	ng	100
32) Benzoic acid	7.75	122	314870	59.797	ng	# 14
33) 4-Chloroaniline	8.17	127	69762	6.152	ng	98
34) Hexachlorobutadiene	8.22	225	174531	38.489	ng	98
35) Caprolactam	8.53	113	97010	37.605	ng	91
36) 4-Chloro-3-methylphenol	8.66	107	316553	38.766	ng	100
37) 2-Methylnaphthalene	8.80	142	653945	38.473	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	309576	40.355	ng	# 97
40) Hexachlorocyclopentadiene	8.95	237	27090	31.501	ng	95

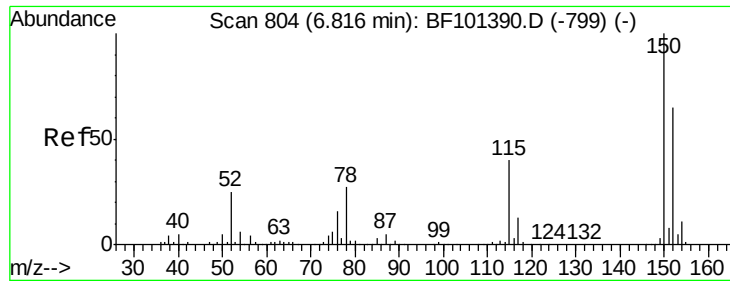
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	92081	19.938	ng	98
43) 2,4,5-Trichlorophenol	9.15	196	148825	29.430	ng	94
45) 1,1'-Biphenyl	9.27	154	775058	38.463	ng	99
46) 2-Chloronaphthalene	9.30	162	586142	38.016	ng	96
47) 2-Nitroaniline	9.40	65	202825	38.080	ng	94
48) Acenaphthylene	9.71	152	856049	35.152	ng	100
49) Dimethylphthalate	9.57	163	751773	41.134	ng	99
50) 2,6-Dinitrotoluene	9.65	165	147732	39.771	ng	98
51) Acenaphthene	9.88	154	540545	36.945	ng	100
52) 3-Nitroaniline	9.82	138	109304	23.602	ng	98
54) Dibenzofuran	10.06	168	740265	39.812	ng	99
55) 4-Nitrophenol	10.06	139	295631	146.397	ng	# 12
56) 2,4-Dinitrotoluene	10.06	165	173027	41.344	ng	# 86
57) Fluorene	10.40	166	618998	39.353	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	46088	12.685	ng	# 70
59) Diethylphthalate	10.26	149	647754	35.790	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	288461	38.265	ng	93
61) 4-Nitroaniline	10.43	138	155273	33.356	ng	94
62) Azobenzene	10.54	77	654092	34.887	ng	96
65) n-Nitrosodiphenylamine	10.51	169	555441	39.036	ng	95
66) 4-Bromophenyl-phenylether	10.87	248	184836	42.688	ng	# 88
67) Hexachlorobenzene	10.95	284	183608	40.065	ng	# 88
68) Atrazine	11.03	200	188222	44.363	ng	98
69) Pentachlorophenol	11.16	266	15777	14.684	ng	94
70) Phenanthrene	11.36	178	908541	42.395	ng	99
71) Anthracene	11.42	178	848217	38.748	ng	99
72) Carbazole	11.57	167	739966	36.105	ng	99
73) Di-n-butylphthalate	11.89	149	948184	38.117	ng	100
74) Fluoranthene	12.56	202	775772	34.488	ng	98
76) Benzidine	12.68	184	215857	20.778	ng	98
77) Pyrene	12.79	202	746241	40.423	ng	99
79) Butylbenzylphthalate	13.39	149	315256	37.742	ng	# 93
80) Benzo(a)anthracene	13.98	228	611025	37.619	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	119540	22.571	ng	# 98
82) Chrysene	14.02	228	573561	37.400	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	416382	39.355	ng	99
84) Di-n-octyl phthalate	14.56	149	685700	36.341	ng	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	807011	59.094	ng	95
87) Benzo(b)fluoranthene	15.03	252	655984	34.369	ng	99
88) Benzo(k)fluoranthene	15.03	252	655984	35.349	ng	96
89) Benzo(a)pyrene	15.40	252	653848	37.161	ng	99
90) Dibenzo(a,h)anthracene	16.95	278	664151	43.963	ng	97
91) Benzo(g,h,i)perylene	17.40	276	706892	47.255	ng	94

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

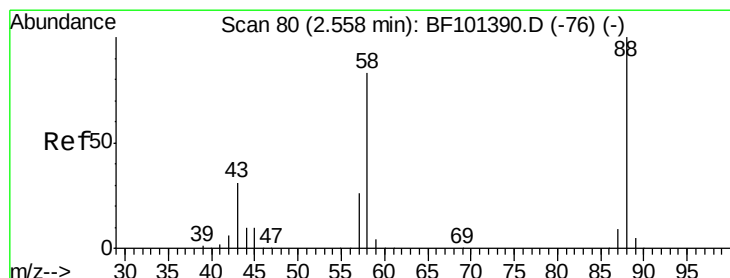
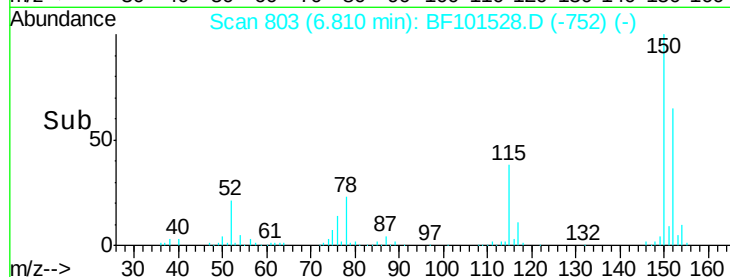
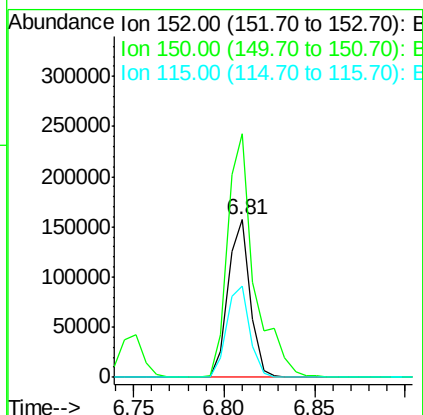
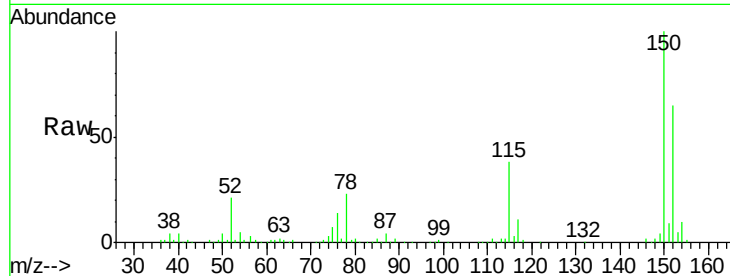


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

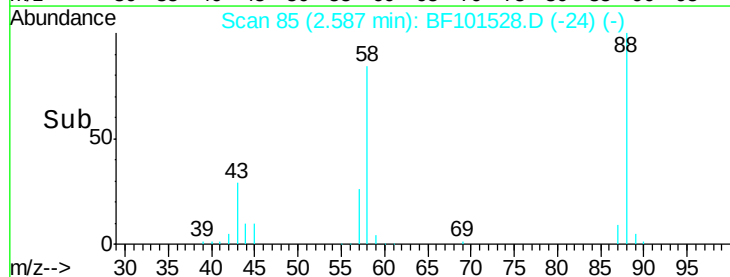
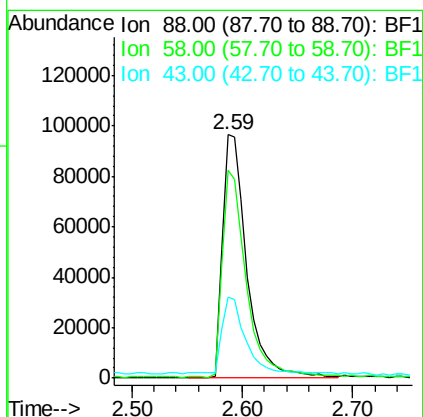
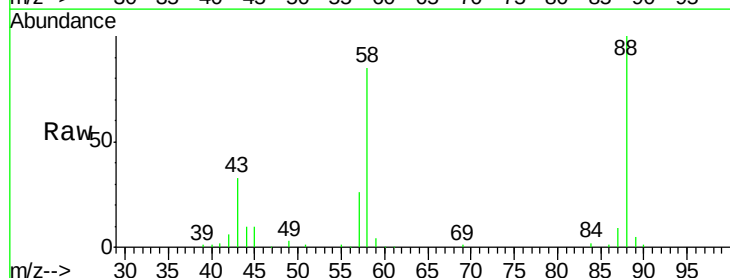
Tot Ion:152 Resp: 133334
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 58.2 50.1 75.1

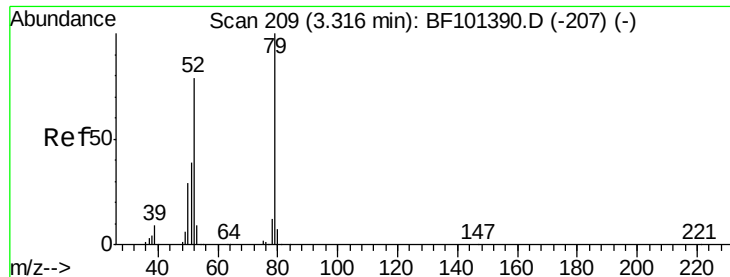


#2

1,4-Dioxane
Concen: 32.516 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.06 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion: 88 Resp: 149553
Ion Ratio Lower Upper
88 100
58 83.7 62.6 93.8
43 31.0 24.6 37.0

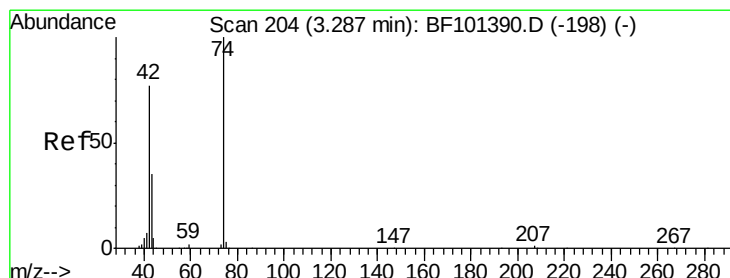
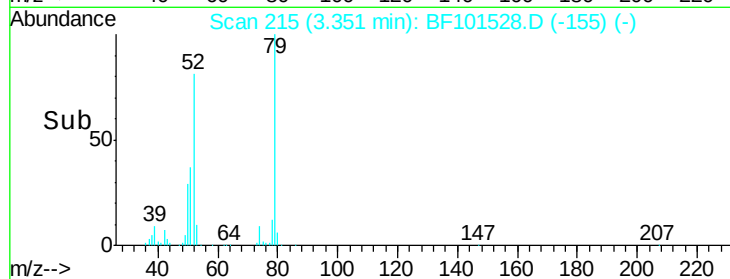
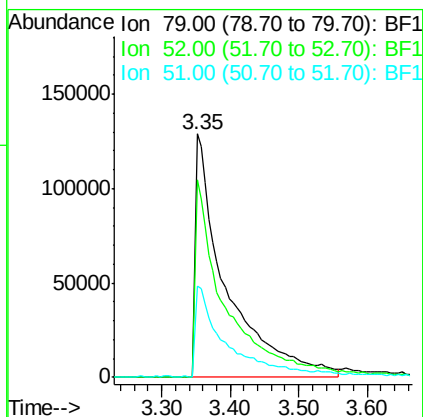
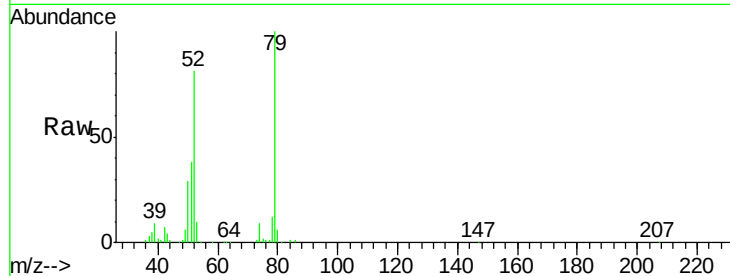




#3
 Pvridine
 Concen: 31.364 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.05 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

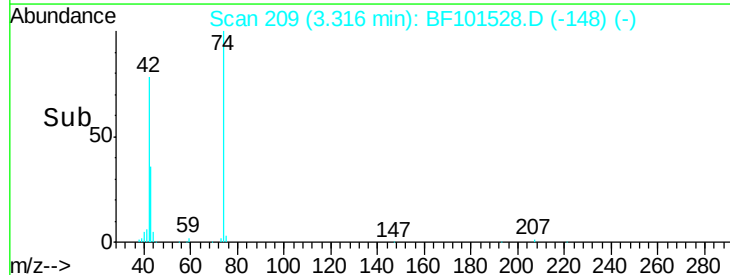
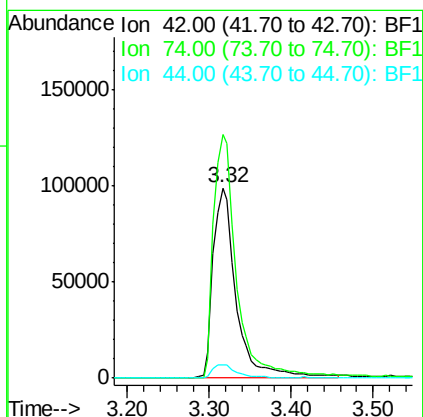
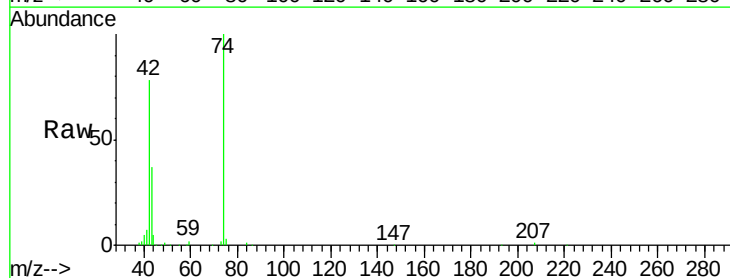
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

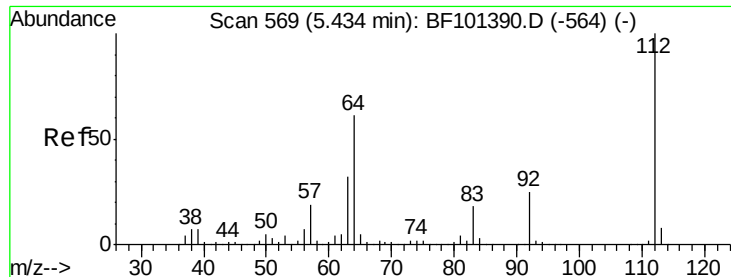
Tot Ion: 79 Resp: 400792
 Ion Ratio Lower Upper
 79 100
 52 81.0 59.8 89.6
 51 37.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 33.394 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.06 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion: 42 Resp: 196485
 Ion Ratio Lower Upper
 42 100
 74 127.8 104.9 157.3
 44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 93.137 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

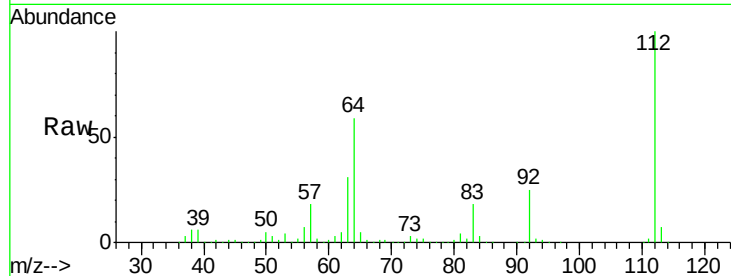
Tot Ion:112 Resp: 833683

Ion Ratio Lower Upper

112 100

64 59.1 47.9 71.9

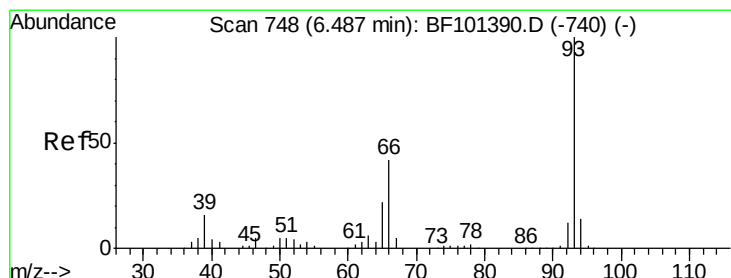
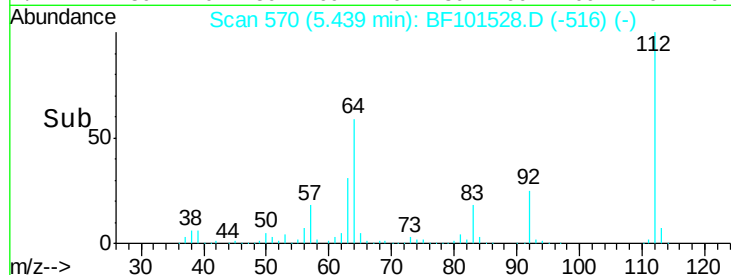
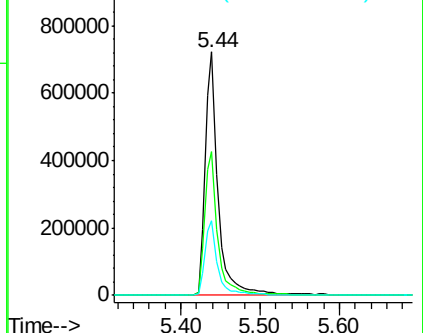
63 30.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.981 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

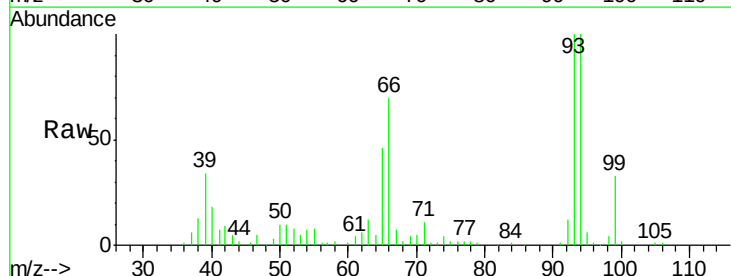
Tgt Ion: 93 Resp: 108077

Ion Ratio Lower Upper

93 100

66 69.9 32.2 48.2#

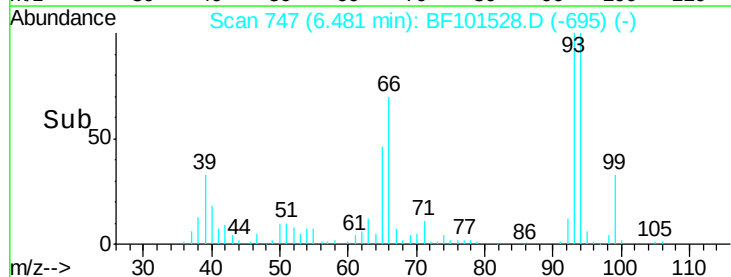
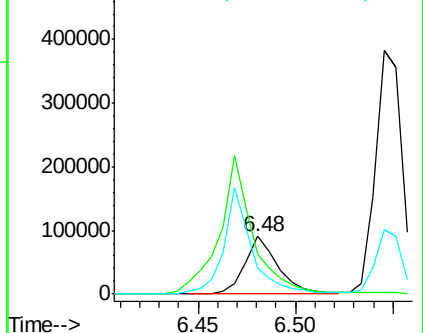
65 45.5 16.4 24.6#

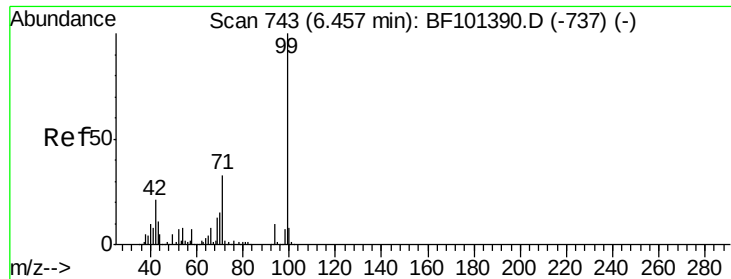


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.417 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

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ClientSampleId :

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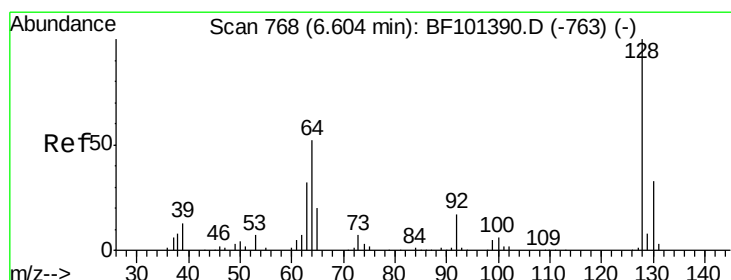
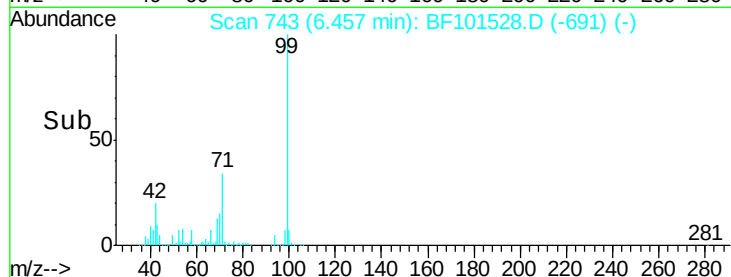
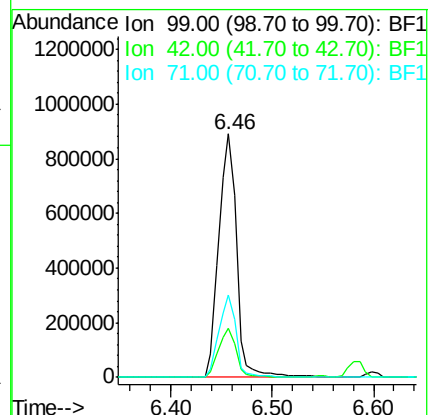
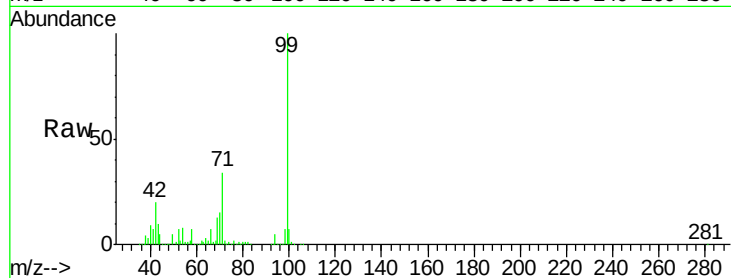
Tot Ion: 99 Resp: 1096371

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 33.6 25.4 38.0



#8

2-Chlorophenol

Concen: 35.924 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

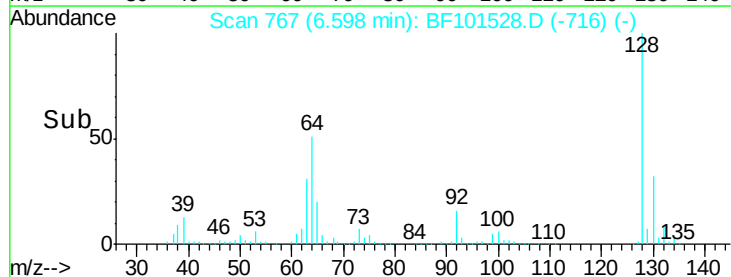
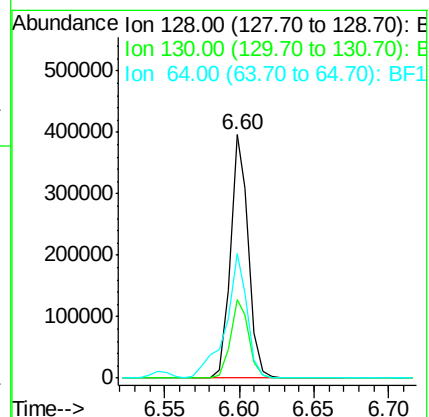
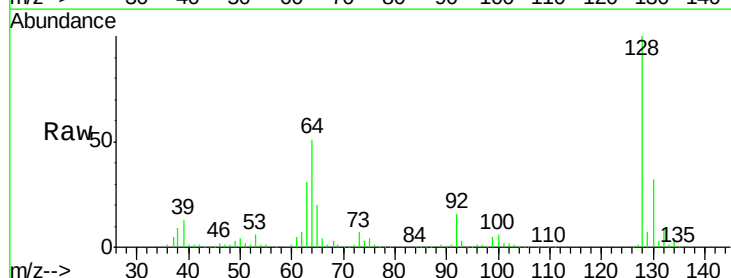
Tgt Ion: 128 Resp: 338261

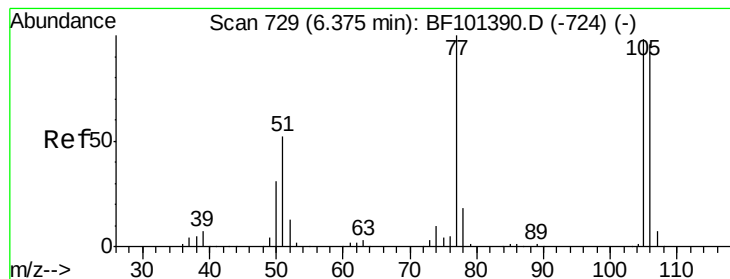
Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

64 51.1 29.4 69.4





#9

Benzaldehyde

Concen: 27.947 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

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Acq: 19 Dec 2017 17:54

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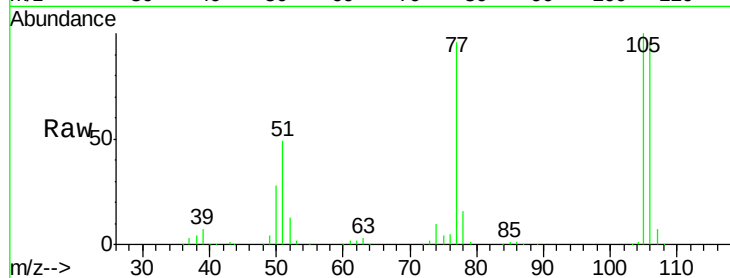
Tot Ion: 77 Resp: 229923

Ion Ratio Lower Upper

77 100

105 104.7 81.1 121.1

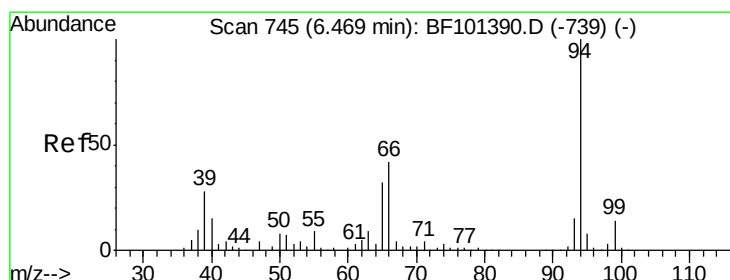
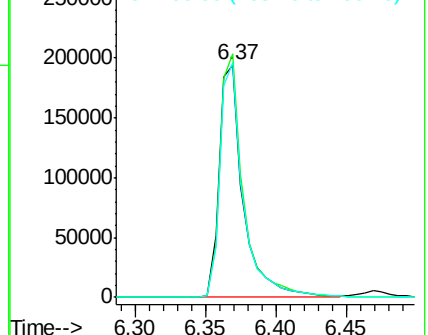
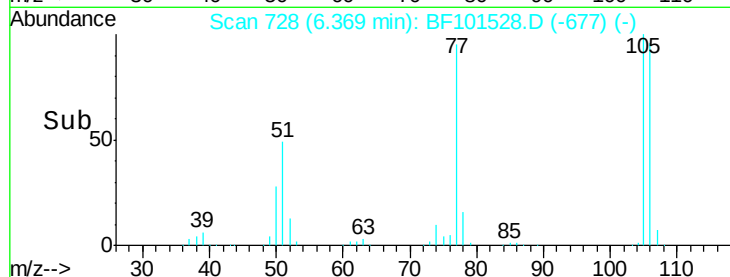
106 100.8 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.315 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

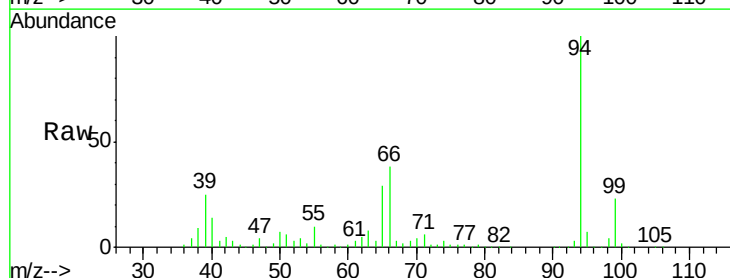
Tgt Ion: 94 Resp: 499189

Ion Ratio Lower Upper

94 100

65 29.2 7.9 47.9

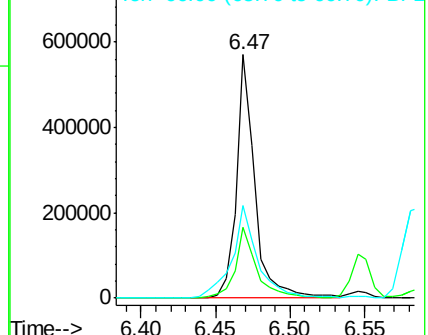
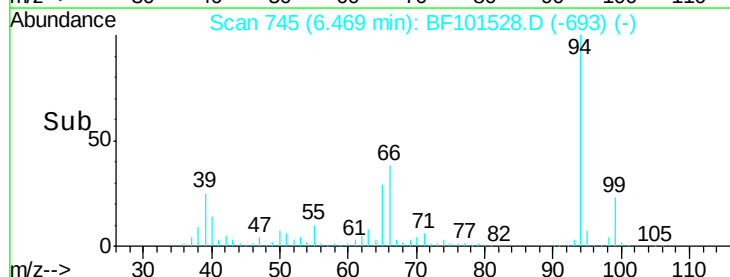
66 38.1 16.2 56.2

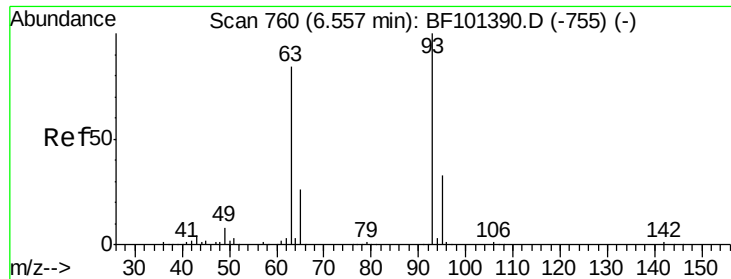


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

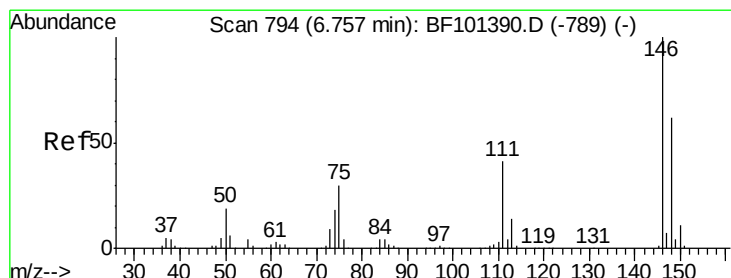
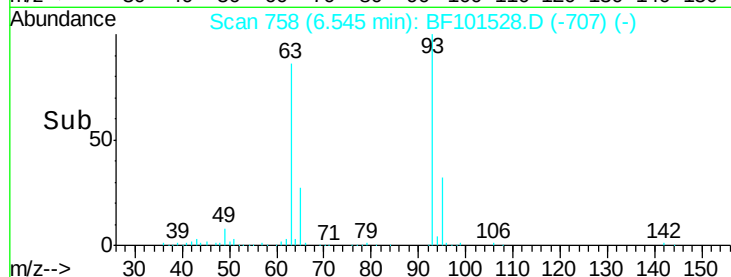
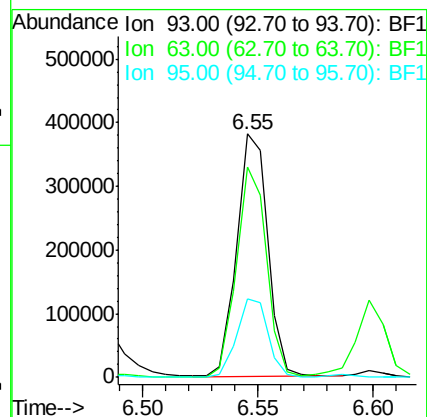
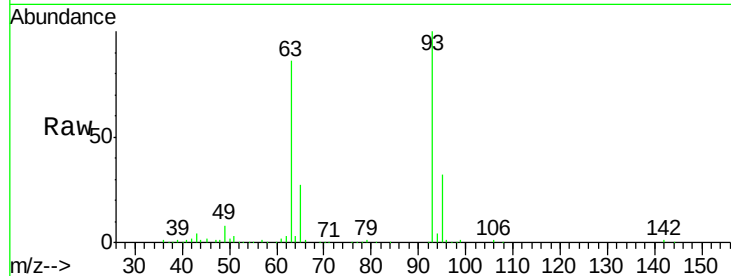




#11
bis(2-Chloroethyl)ether
Concen: 35.905 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

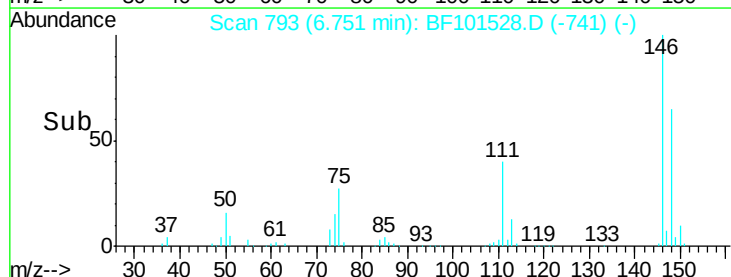
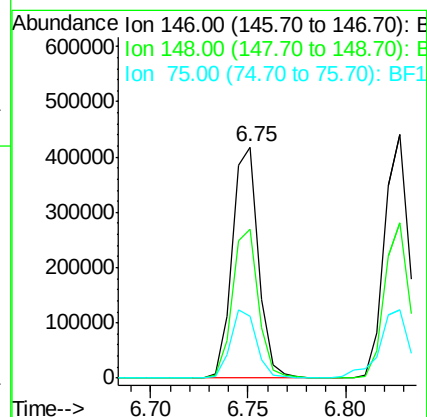
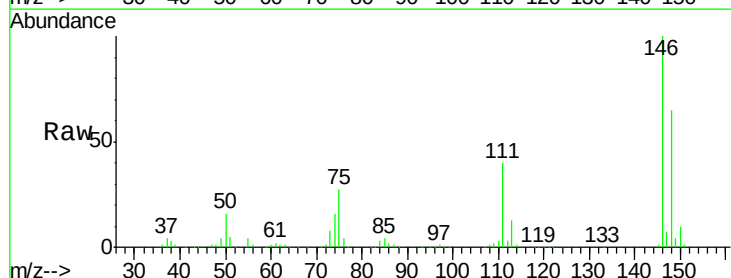
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

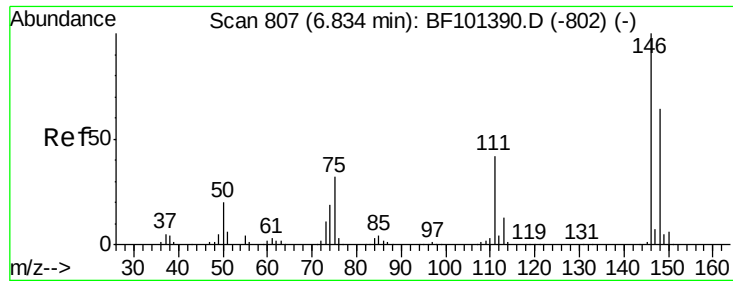
Tot Ion: 93 Resp: 357598
Ion Ratio Lower Upper
93 100
63 86.3 58.6 98.6
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.735 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion: 146 Resp: 390387
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
75 27.0 24.2 36.4

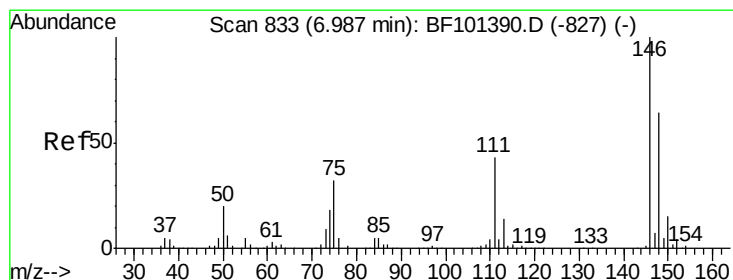
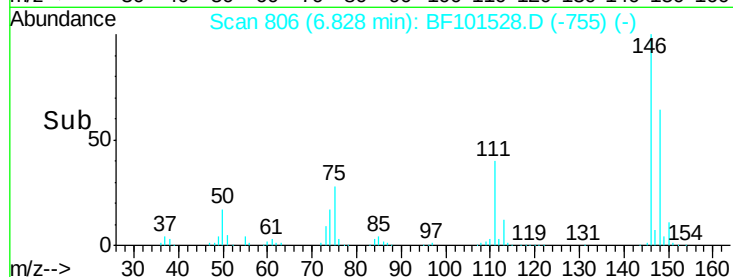
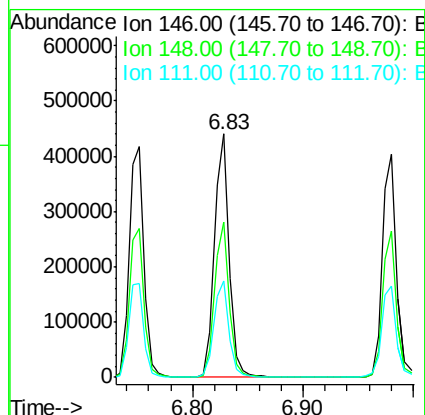
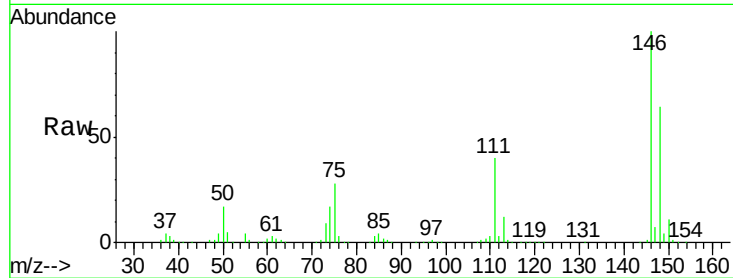




#13
 1,4-Dichlorobenzene
 Concen: 36.685 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

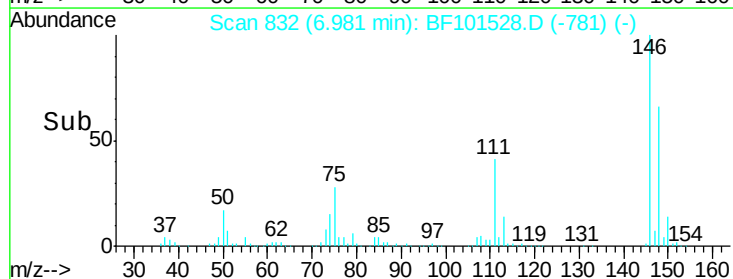
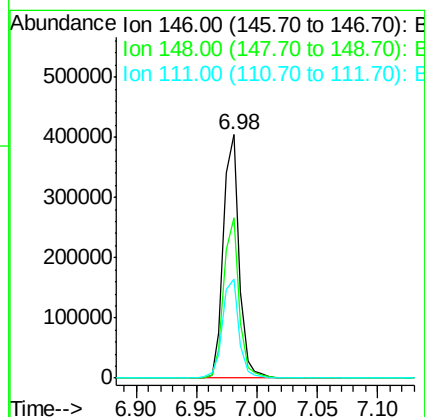
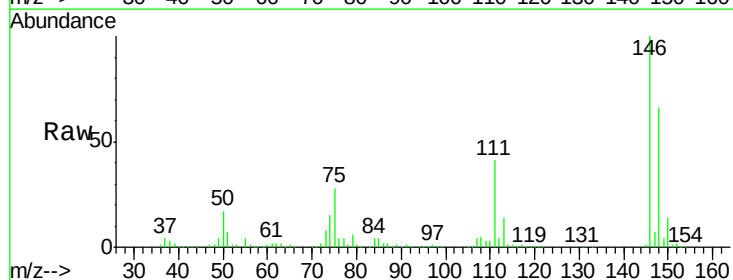
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

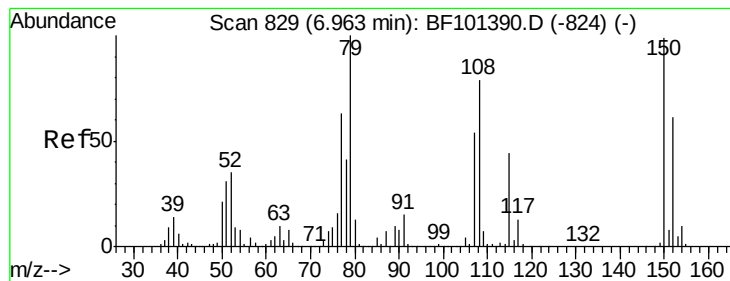
Tot Ion:146 Resp: 398113
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 39.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.091 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion:146 Resp: 362319
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.6 75.8
 111 40.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 35.494 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

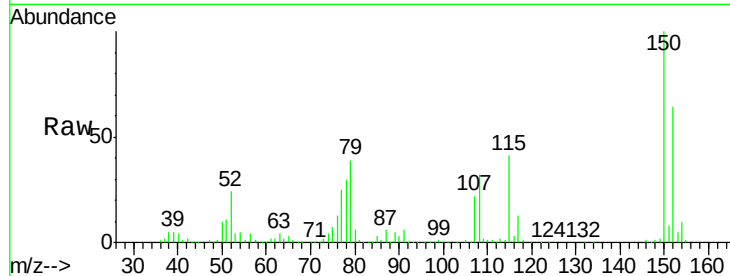
Tot Ion: 79 Resp: 272156

Ion Ratio Lower Upper

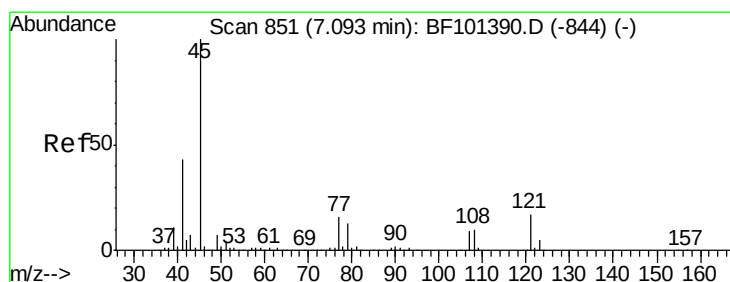
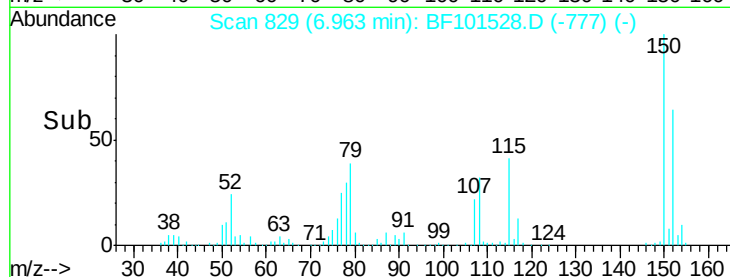
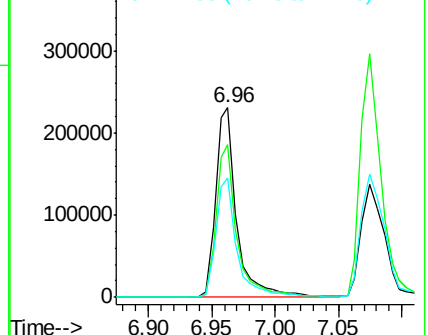
79 100

108 80.9 65.1 97.7

77 63.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.501 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

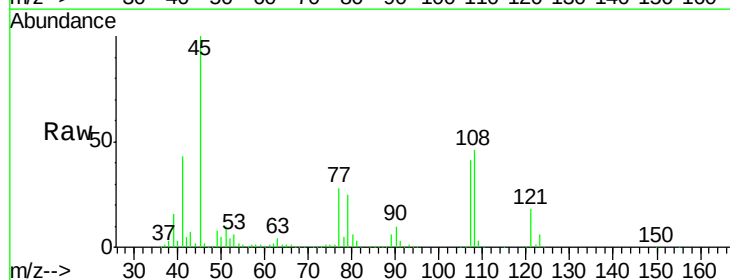
Tgt Ion: 45 Resp: 571605

Ion Ratio Lower Upper

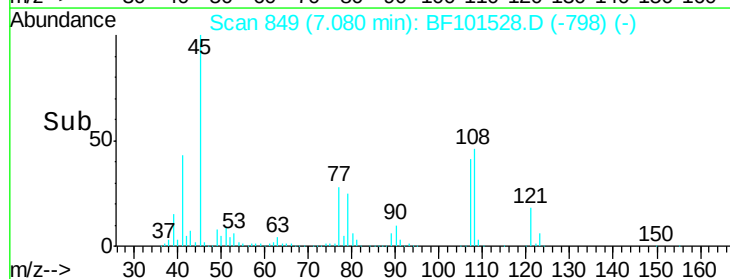
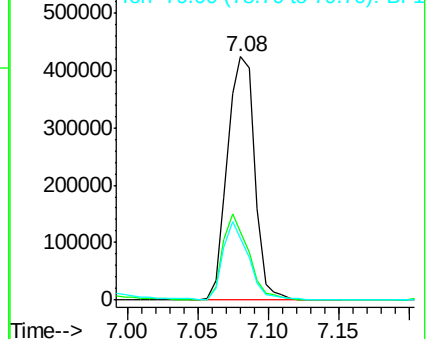
45 100

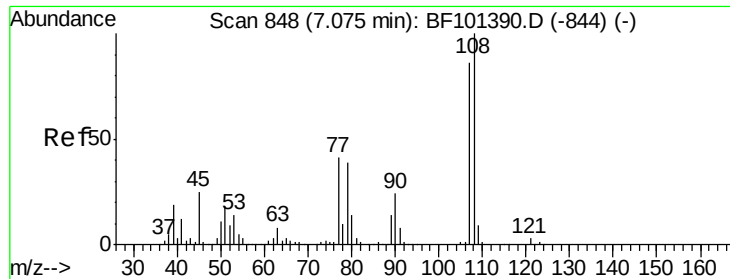
77 28.3 0.0 32.9

79 25.4 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 33.477 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

Tot Ion:107 Resp: 289955

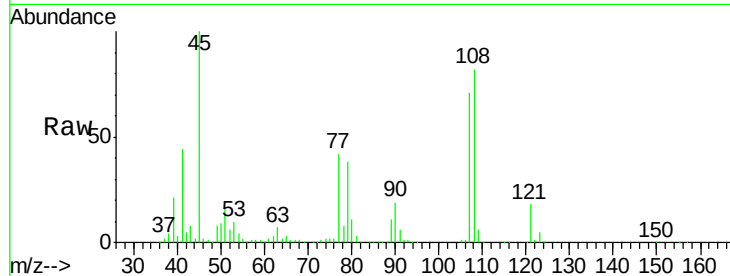
Ion Ratio Lower Upper

107 100

108 115.9 91.7 137.5

77 58.8 33.8 50.8#

79 53.6 33.8 50.8#

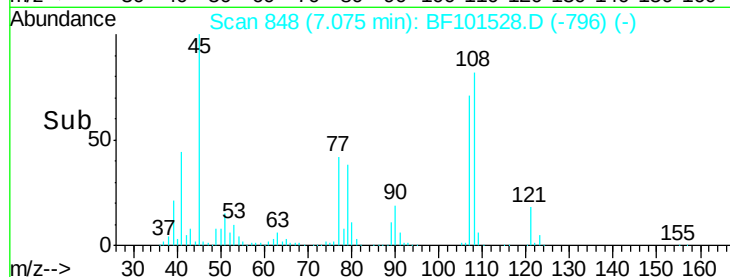


Abundance Ion 107.00 (106.70 to 107.70): E

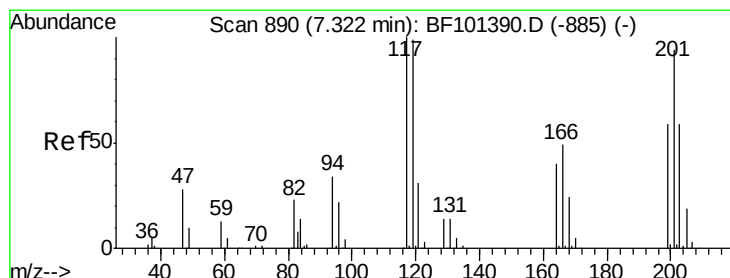
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 35.431 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

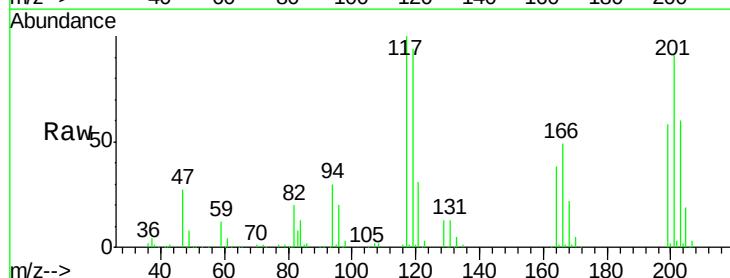
Tgt Ion:117 Resp: 133683

Ion Ratio Lower Upper

117 100

119 93.8 75.8 113.8

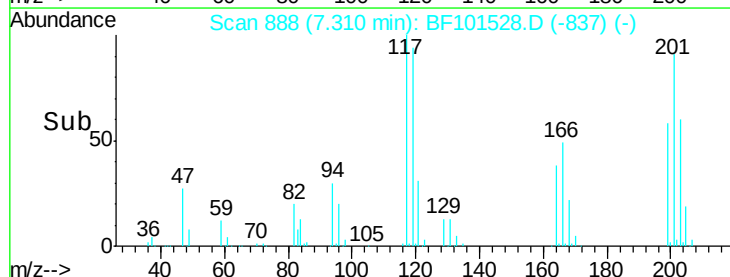
201 91.5 75.7 113.5



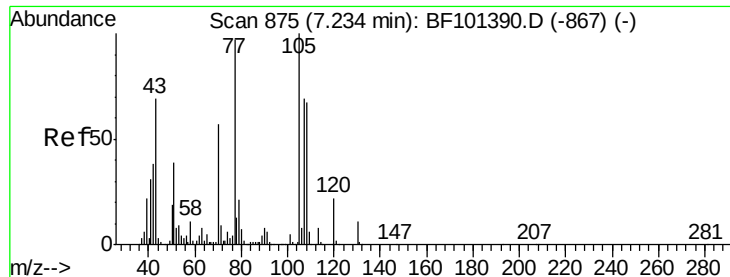
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



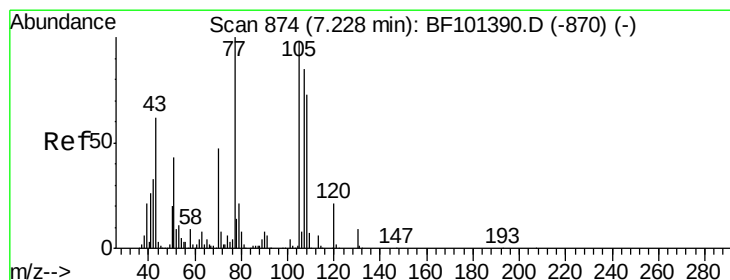
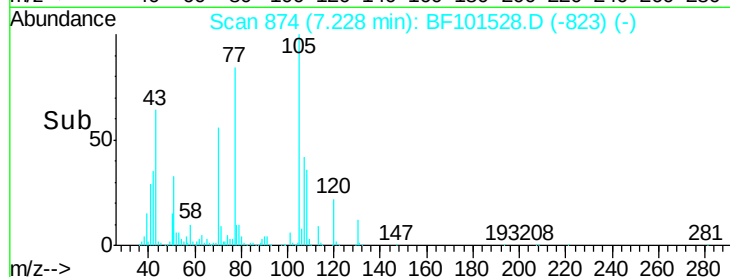
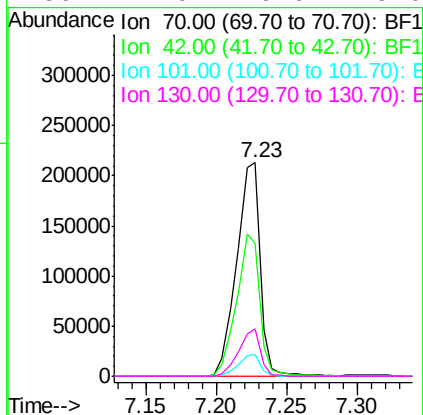
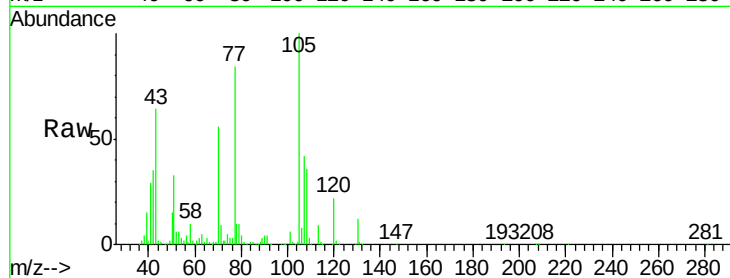
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 33.825 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

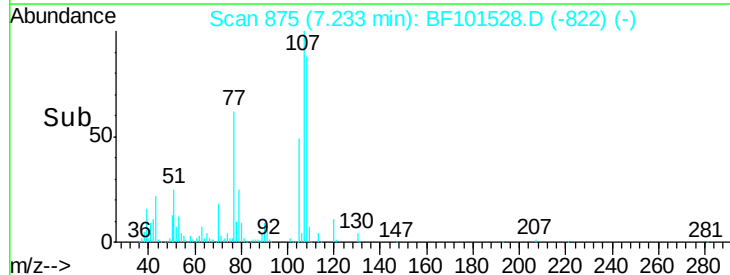
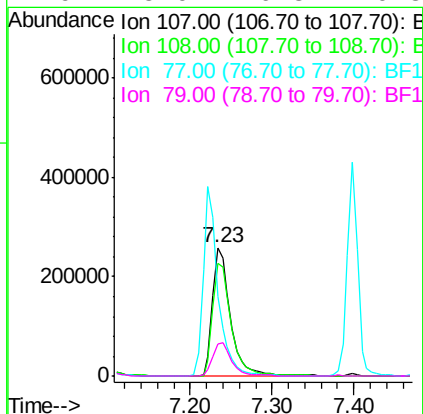
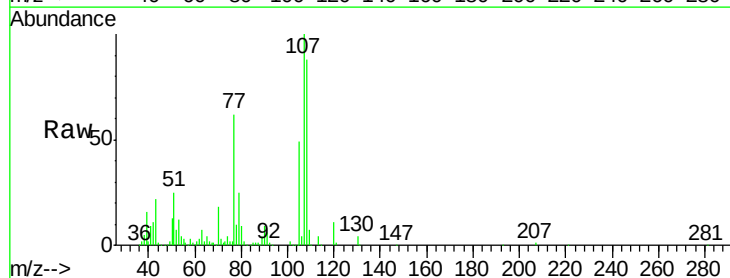
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

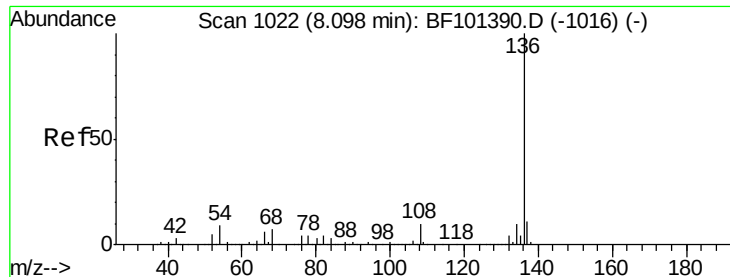
Tot Ion: 70 Resp: 247457
Ion Ratio Lower Upper
70 100
42 62.6 47.5 71.3
101 10.0 7.4 11.2
130 22.0 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.577 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion: 107 Resp: 390782
Ion Ratio Lower Upper
107 100
108 87.9 68.2 108.2
77 62.1 26.7 66.7
79 25.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

Tot Ion:136 Resp: 518218

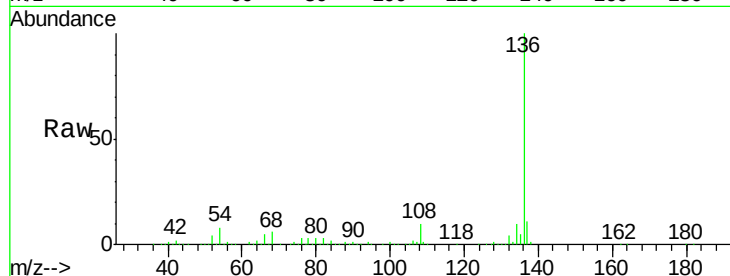
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.4 6.6 9.8

68 6.5 5.0 7.4

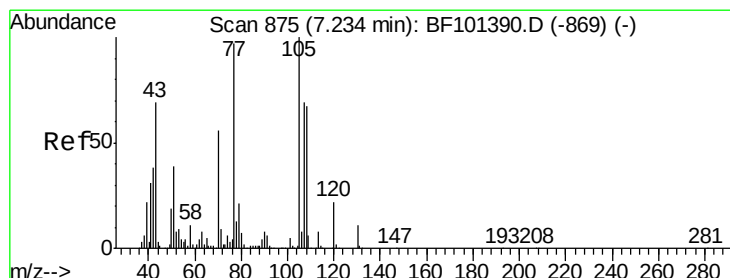
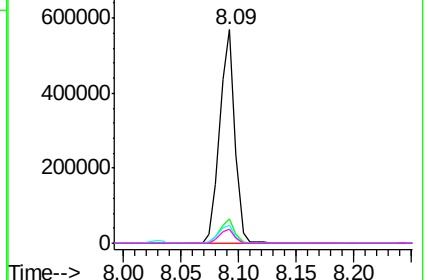
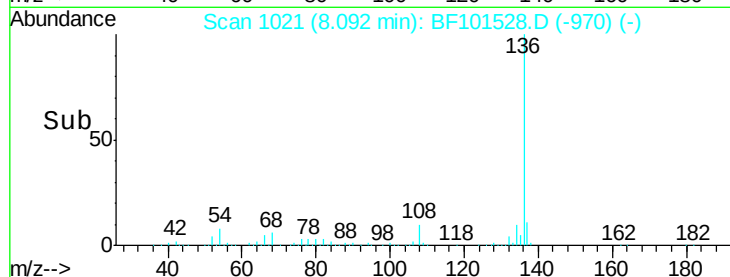


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.885 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Tgt Ion:105 Resp: 495265

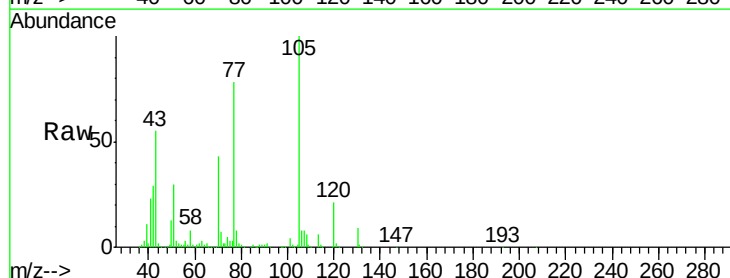
Ion Ratio Lower Upper

105 100

71 7.3 4.4 6.6#

51 30.4 22.3 33.5

120 21.3 16.9 25.3

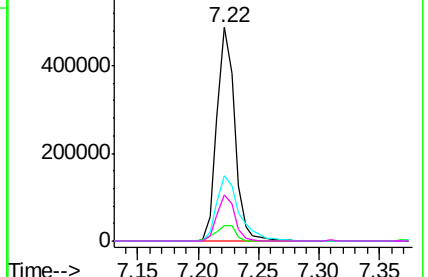
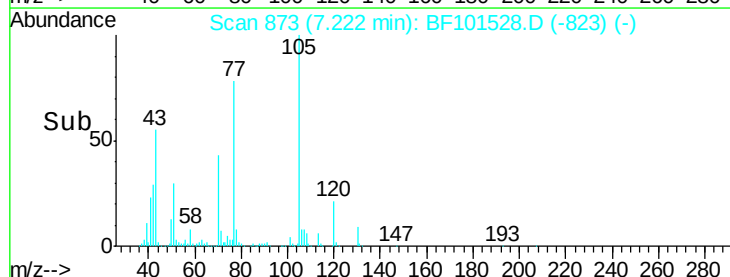


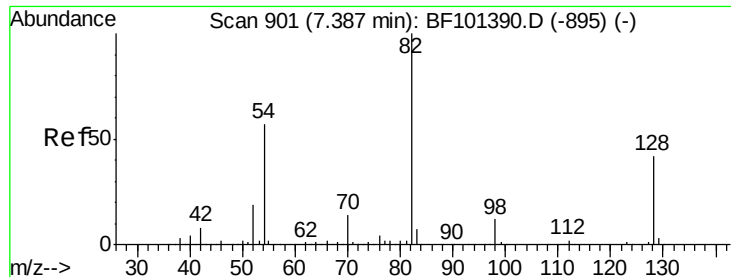
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

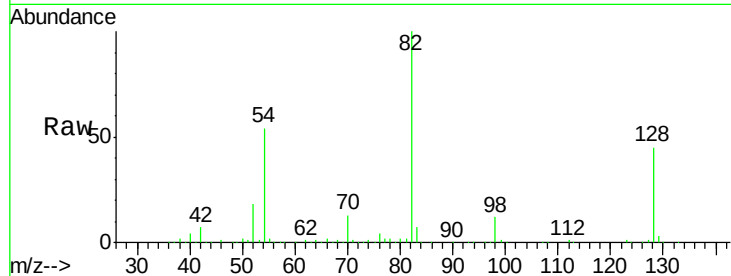




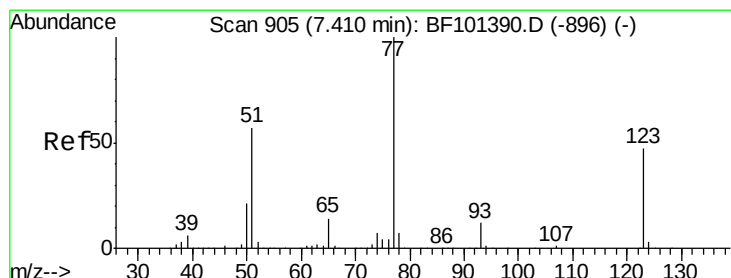
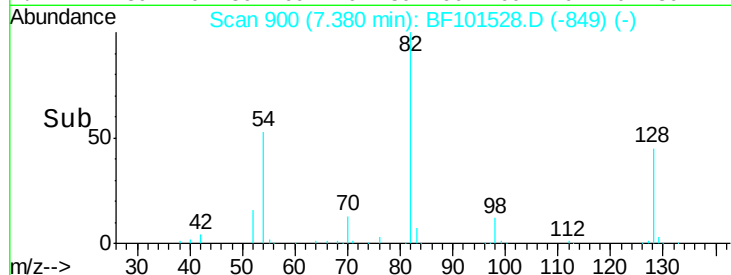
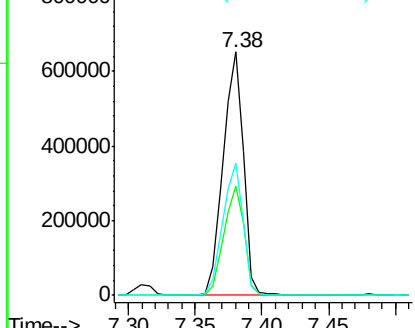
#23
 Nitrobenzene-d5
 Concen: 75.746 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Tot Ion: 82 Resp: 705155
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 54.4 41.4 62.2

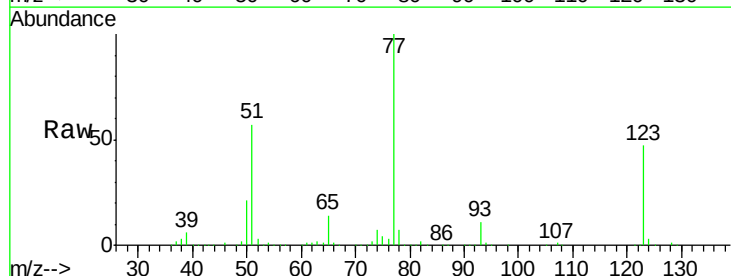


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

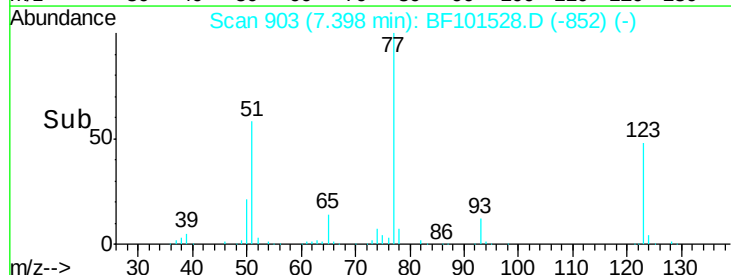
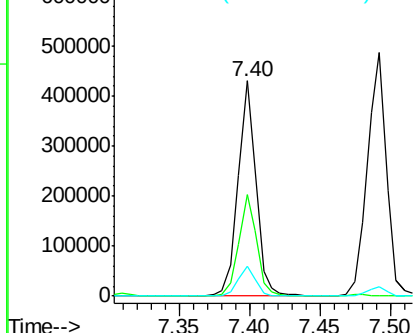


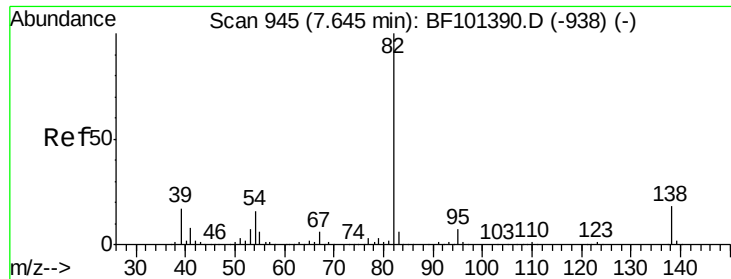
#24
 Nitrobenzene
 Concen: 36.969 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion: 77 Resp: 380899
 Ion Ratio Lower Upper
 77 100
 123 47.5 37.9 56.9
 65 13.8 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.861 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

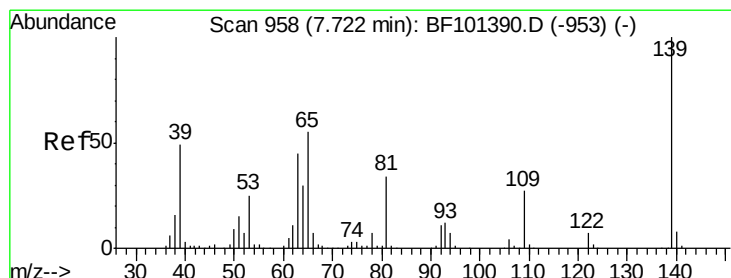
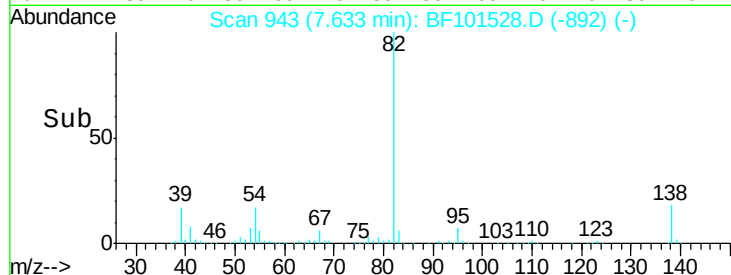
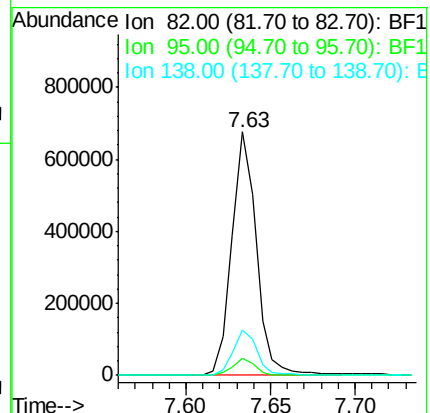
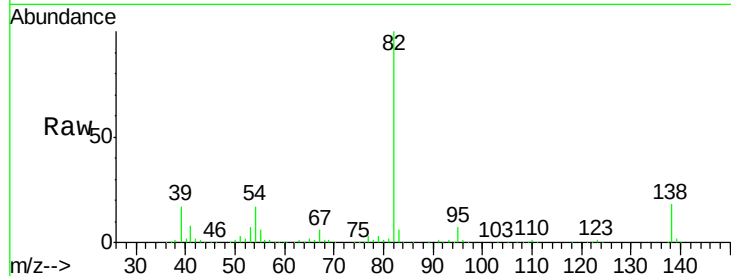
Tot Ion: 82 Resp: 688396

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 32.858 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

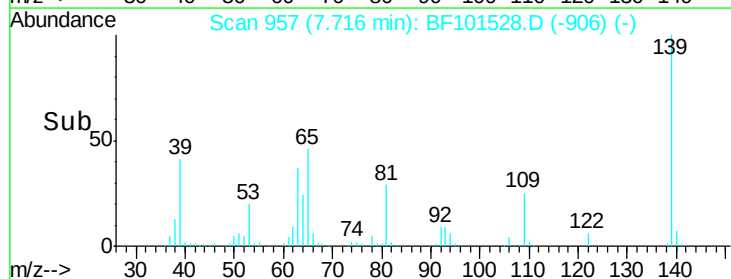
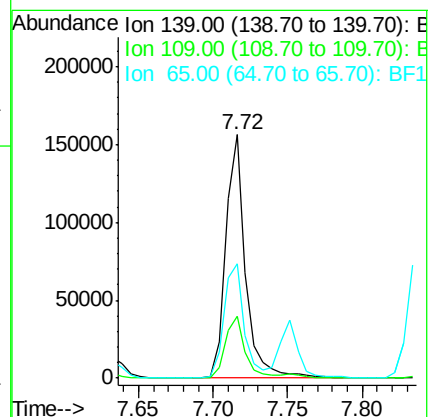
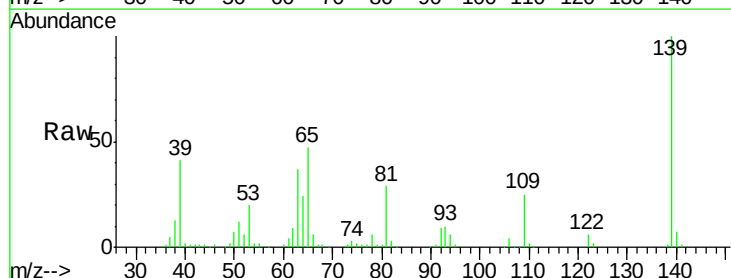
Tgt Ion: 139 Resp: 145446

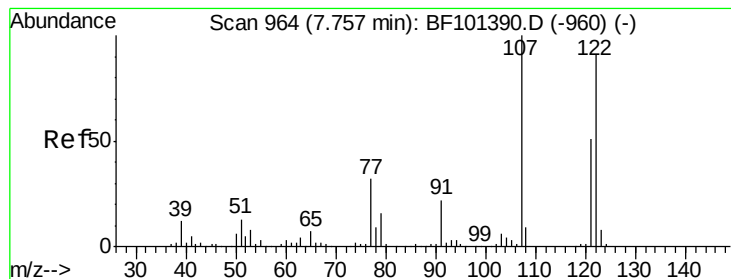
Ion Ratio Lower Upper

139 100

109 25.5 22.7 34.1

65 46.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 41.871 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

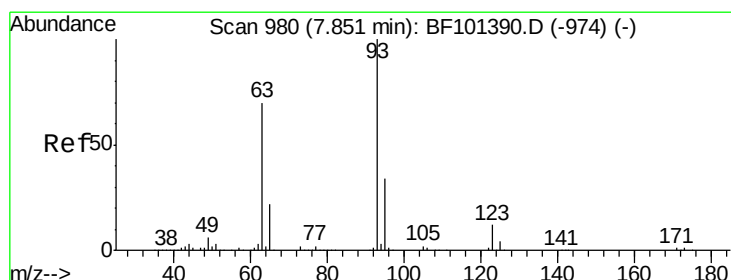
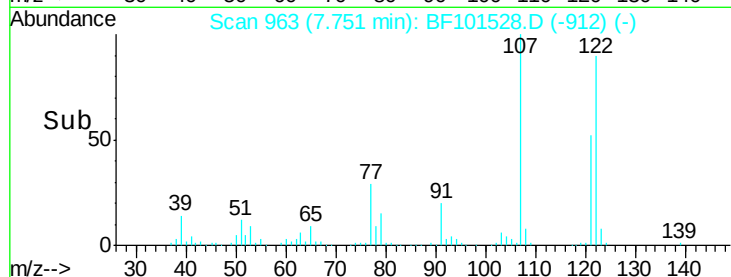
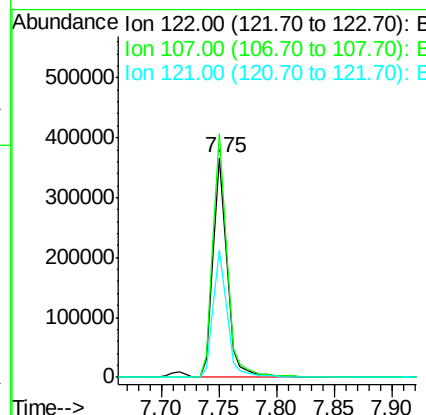
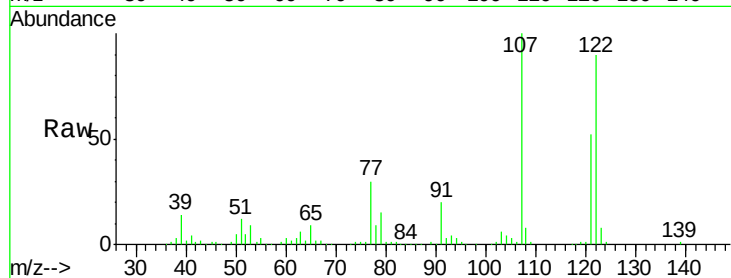
Tot Ion:122 Resp: 314870

Ion Ratio Lower Upper

122 100

107 111.0 91.2 136.8

121 58.2 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 37.344 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

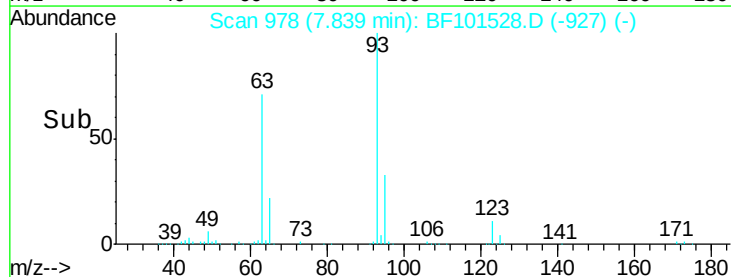
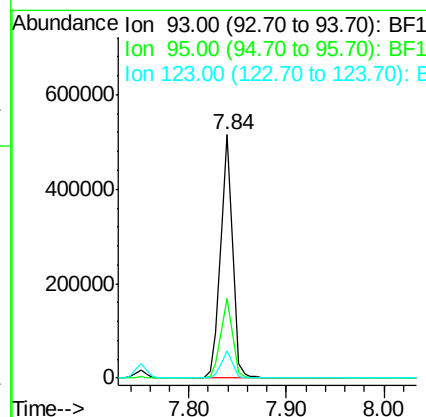
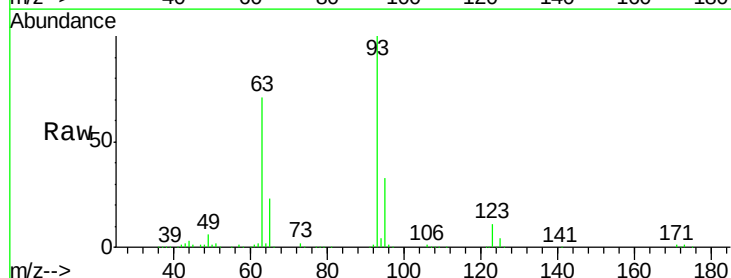
Tgt Ion: 93 Resp: 443007

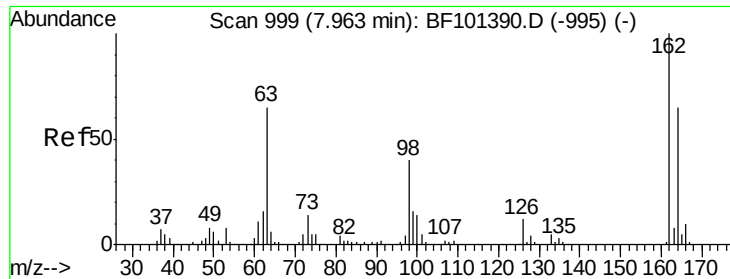
Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

123 11.1 9.8 14.6

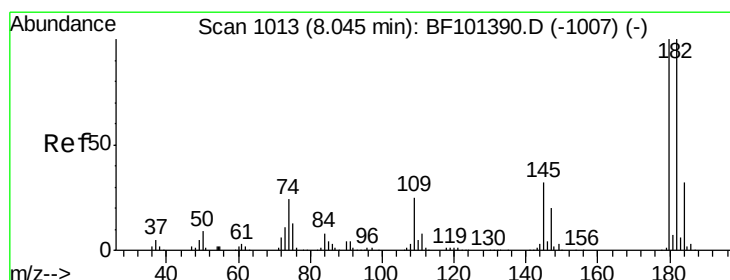
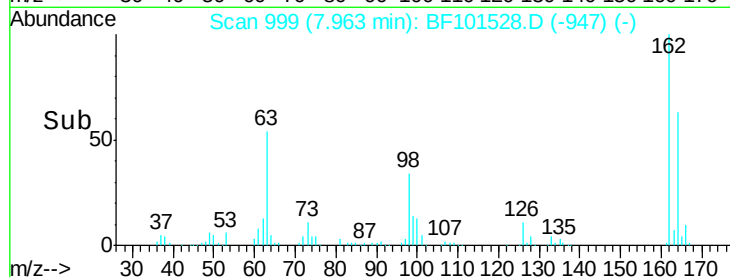
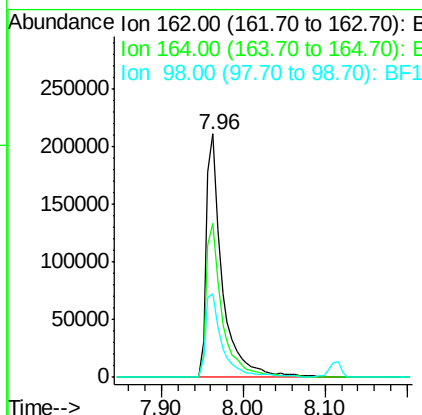
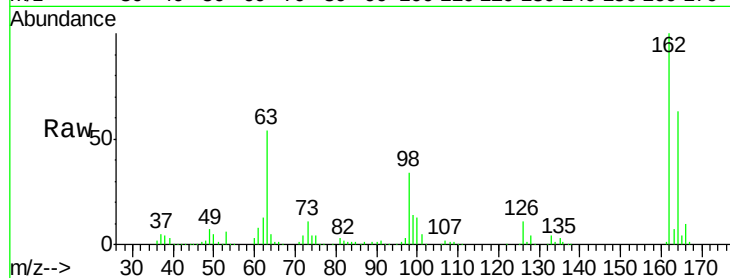




#29
 2,4-Dichlorophenol
 Concen: 38.478 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

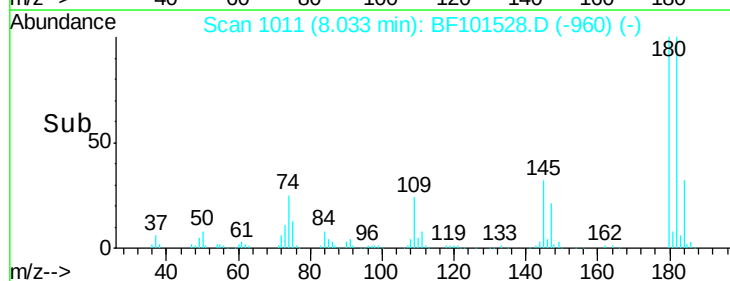
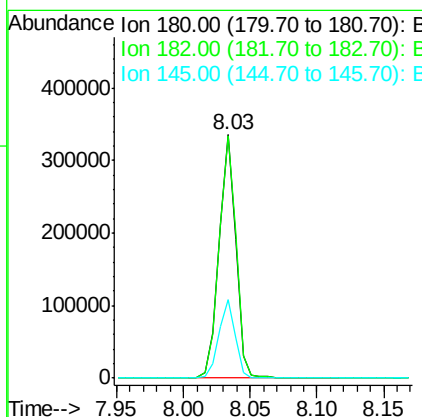
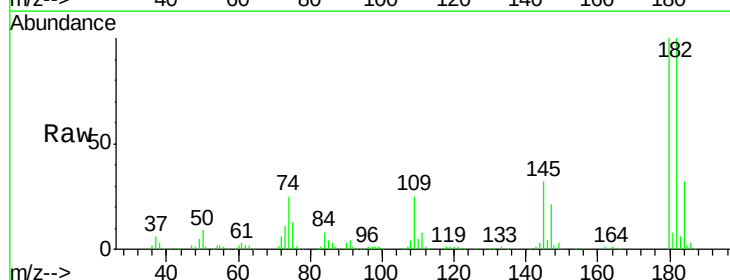
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

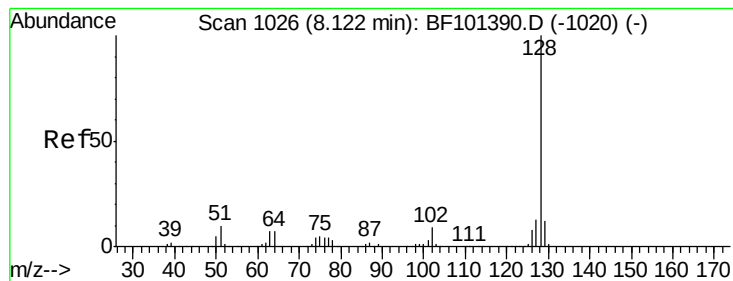
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.7	82.7
98	34.4	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.291 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	76.8	115.2
145	32.2	26.5	39.7





#31

Naphthalene

Concen: 39.058 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

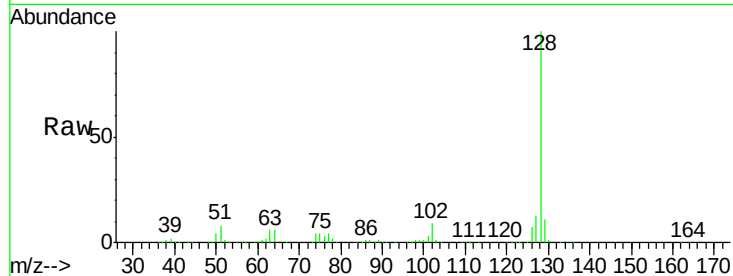
Tot Ion:128 Resp: 1018982

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

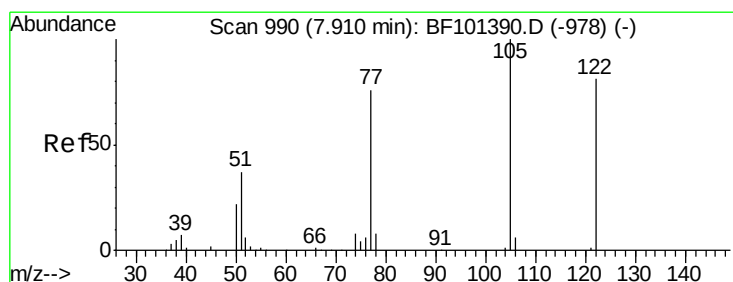
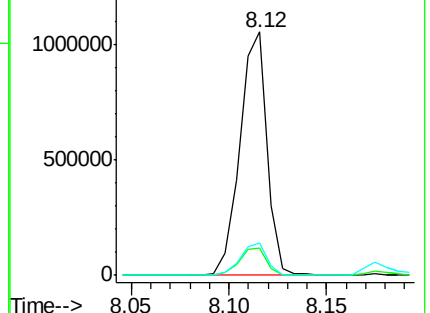
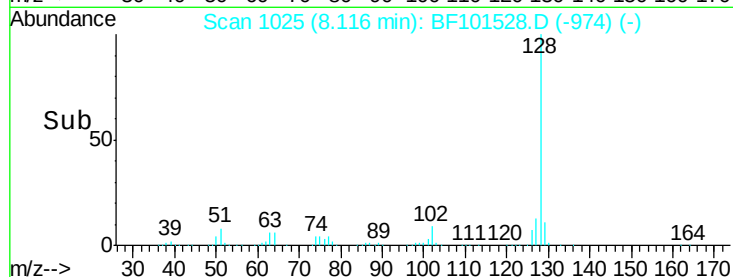
127 13.4 10.9 16.3



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



#32

Benzoic acid

Concen: 59.797 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.16 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

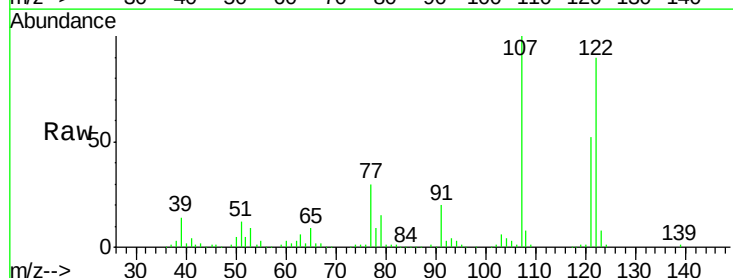
Tgt Ion:122 Resp: 314870

Ion Ratio Lower Upper

122 100

105 3.4 101.1 141.1#

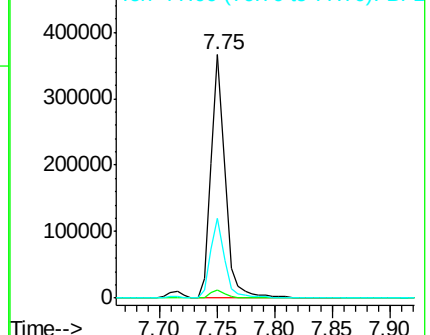
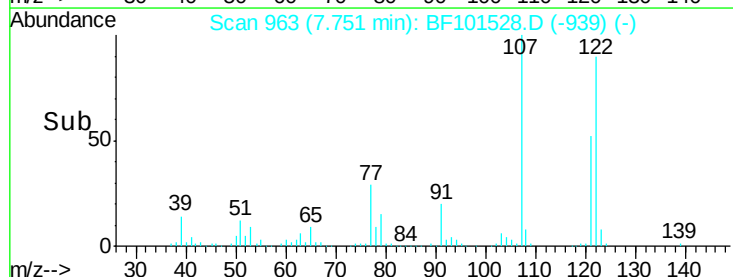
77 32.8 70.7 110.7#

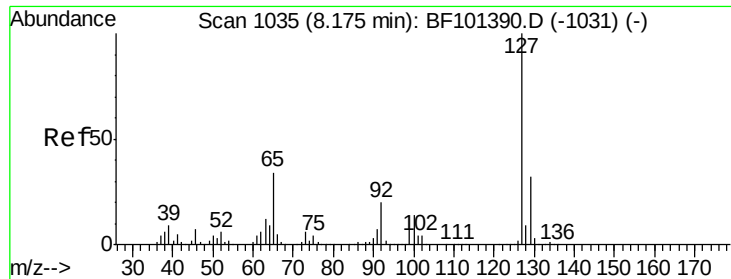


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

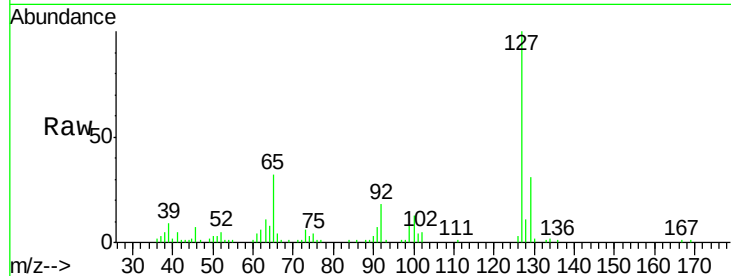




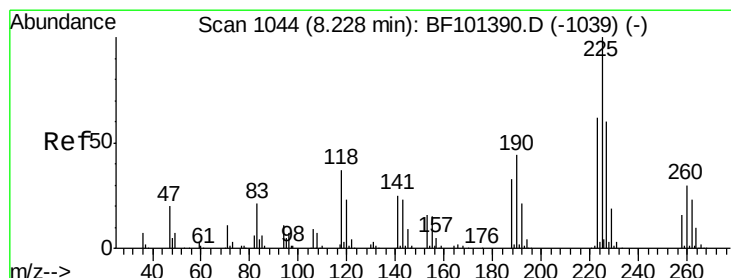
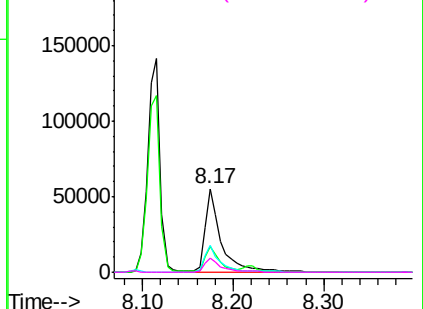
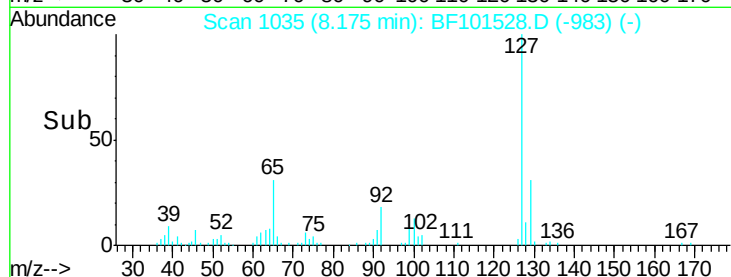
#33
4-Chloroaniline
Concen: 6.152 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion:127	Resp:	69762
Ion Ratio	Lower	Upper
127	100	
129	30.6	25.9 38.9
65	31.8	25.0 37.4
92	17.5	15.2 22.8

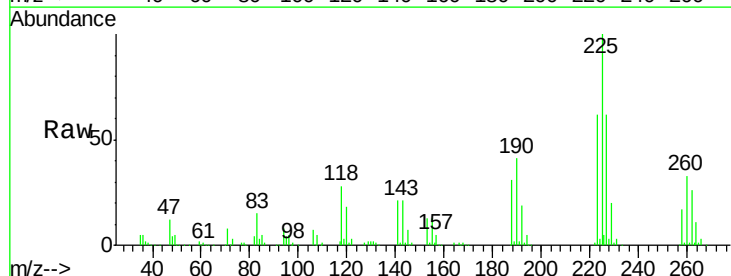


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

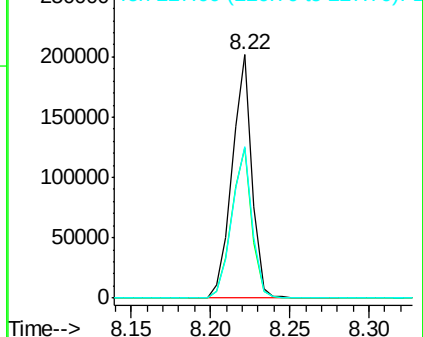
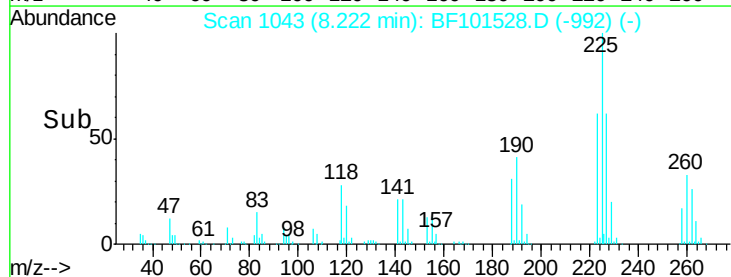


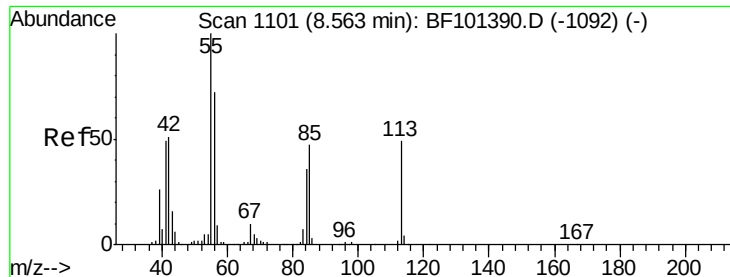
#34
Hexachlorobutadiene
Concen: 38.489 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion:225	Resp:	174531
Ion Ratio	Lower	Upper
225	100	
223	61.8	50.6 76.0
227	62.5	51.9 77.9



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

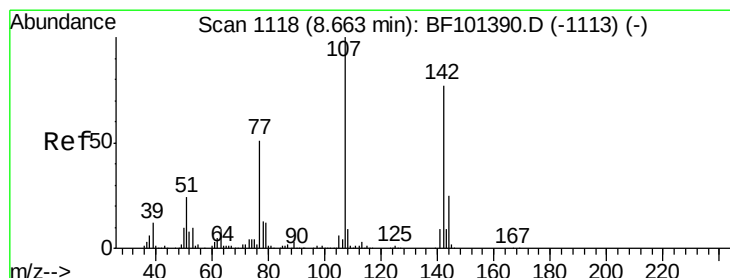
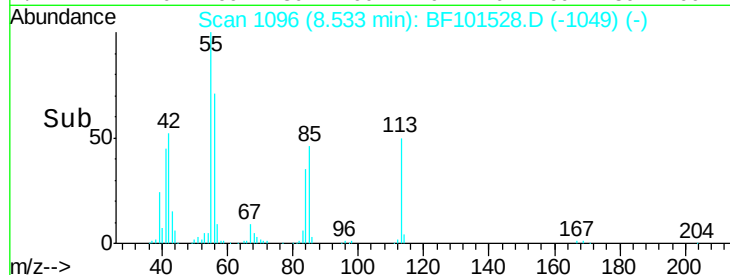
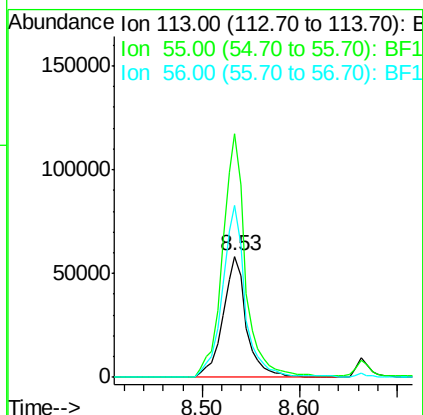
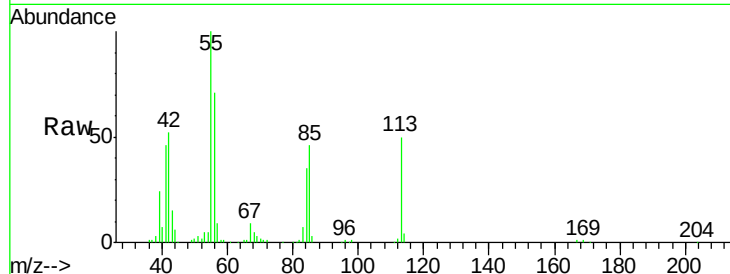




#35
 Caprolactam
 Concen: 37.605 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

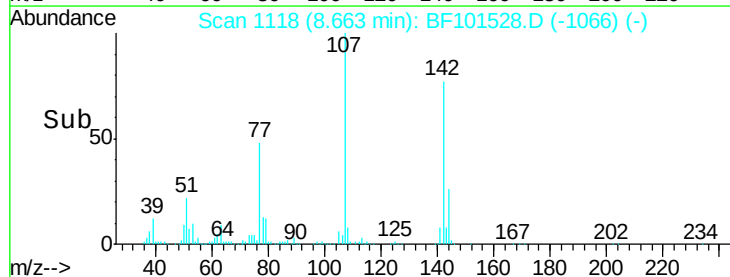
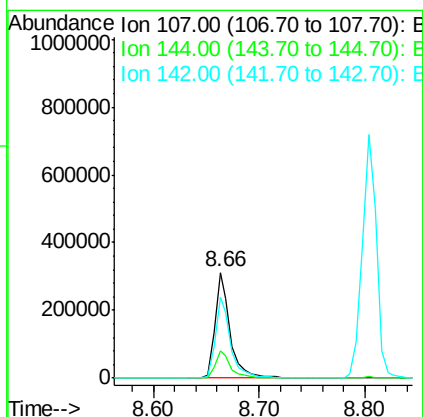
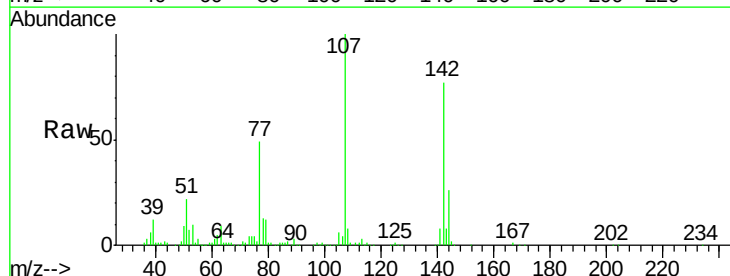
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

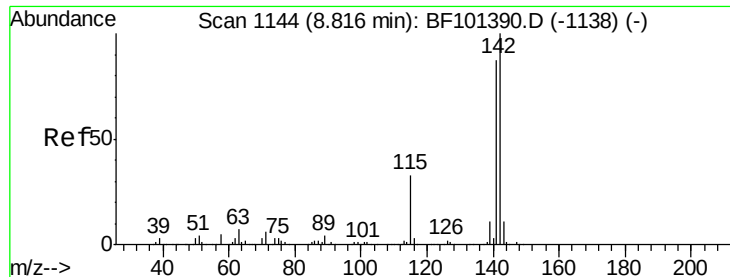
Tot Ion:113 Resp: 97010
 Ion Ratio Lower Upper
 113 100
 55 200.7 163.3 203.3
 56 141.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.766 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion:107 Resp: 316553
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 77.3 62.0 93.0

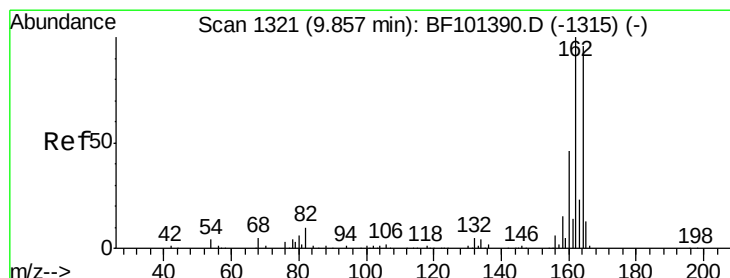
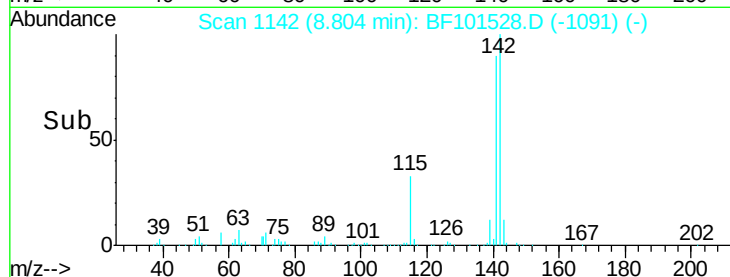
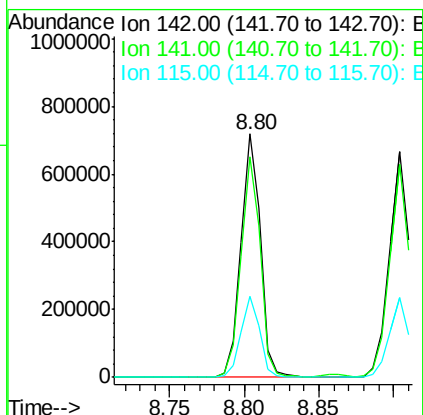
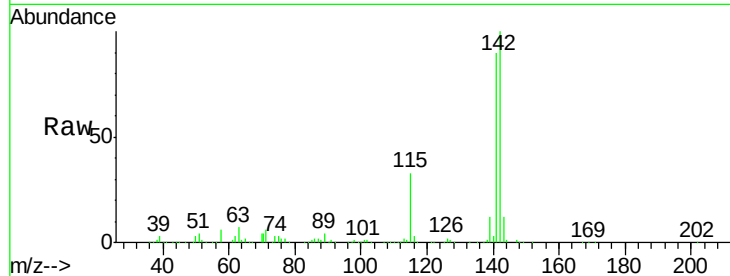




#37
2-Methylnaphthalene
Concen: 38.473 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

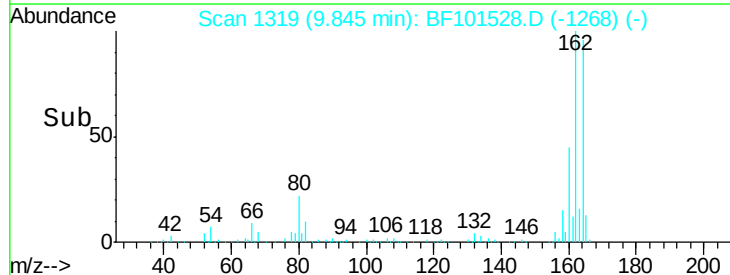
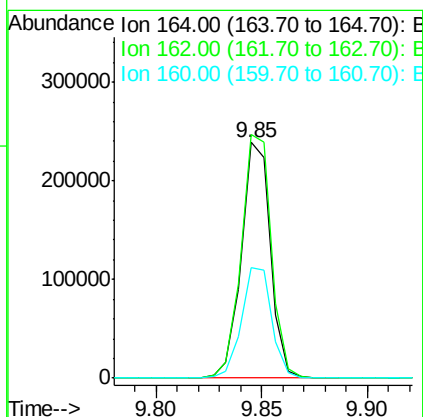
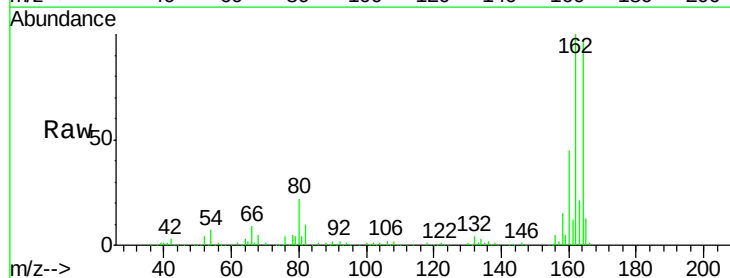
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

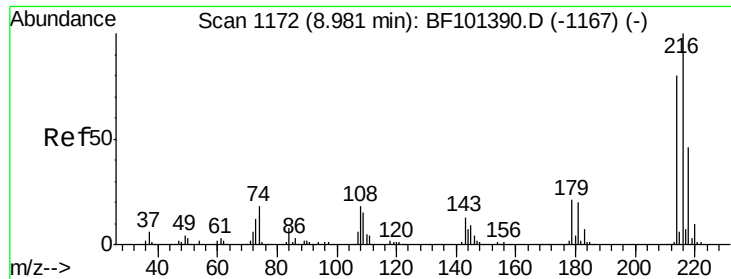
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
115	33.2	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.7	38.3	57.5

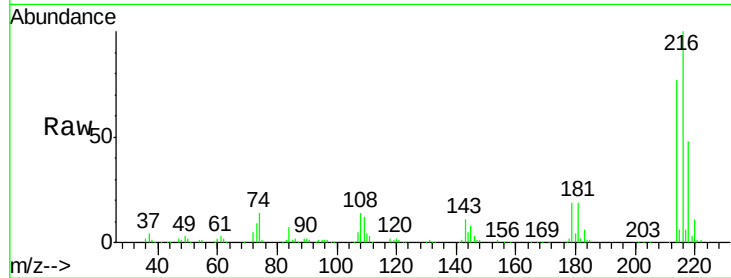




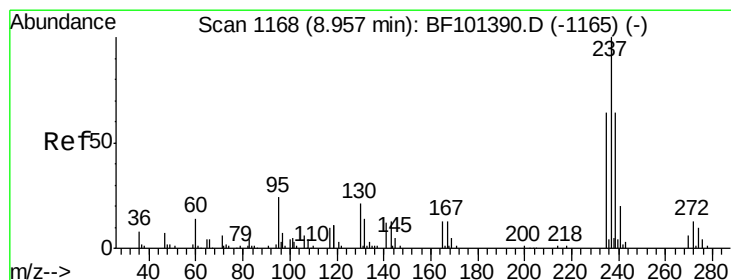
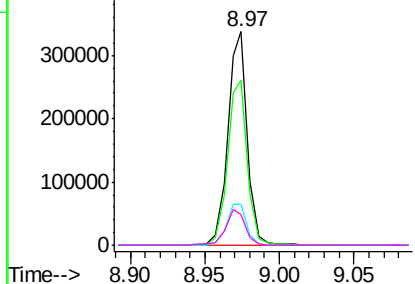
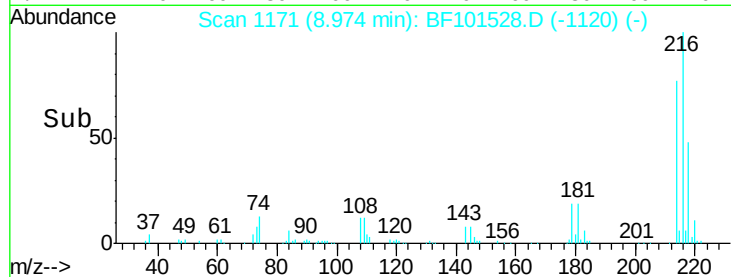
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.355 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Tot Ion:216 Resp: 309576
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.0 94.4
 179 20.4 18.1 27.1
 108 17.1 17.2 25.8#

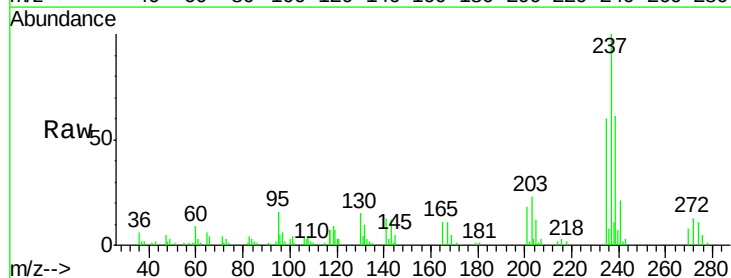


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

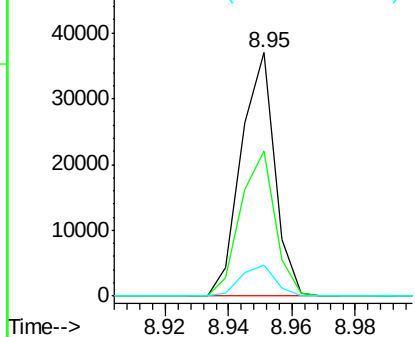
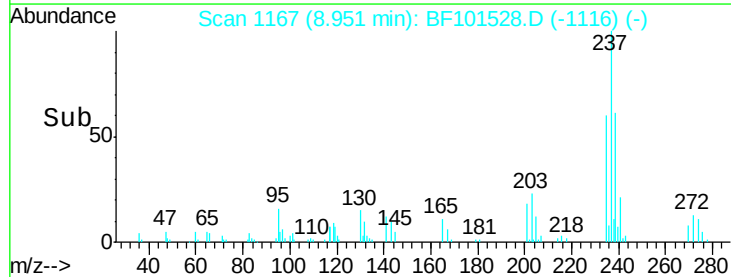


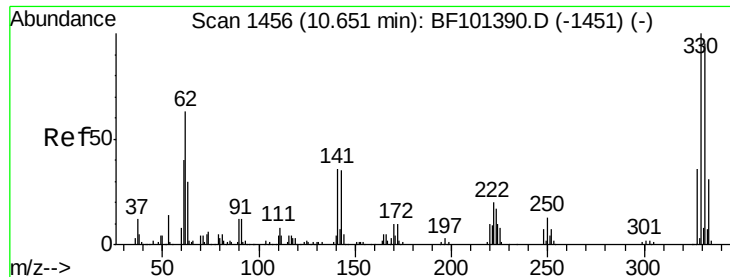
#40
 Hexachlorocyclopentadiene
 Concen: 31.501 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion:237 Resp: 27090
 Ion Ratio Lower Upper
 237 100
 235 59.8 44.8 84.8
 272 12.9 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

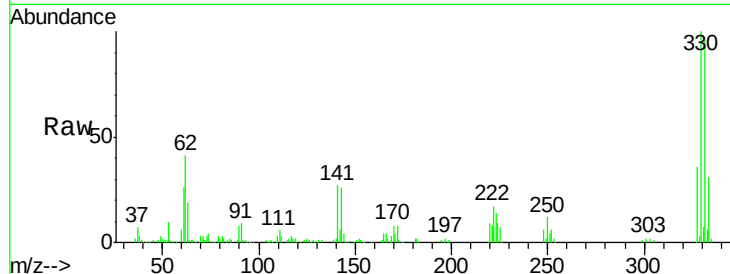




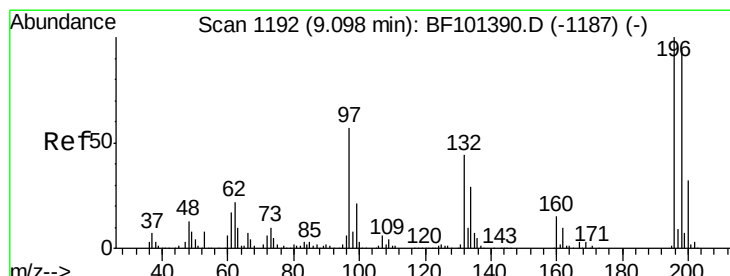
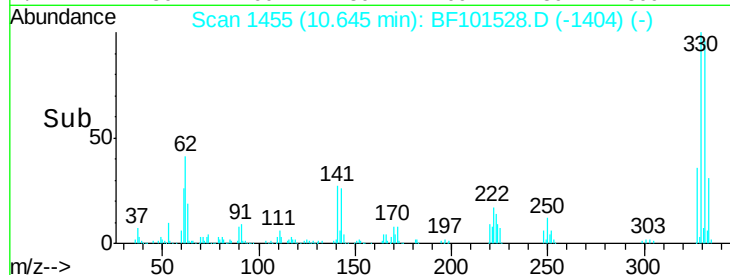
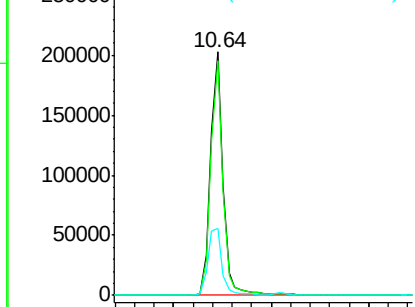
#41
 2,4,6-Tribromophenol
 Concen: 83.652 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Tot Ion:330 Resp: 183147
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 30.7 29.9 44.9

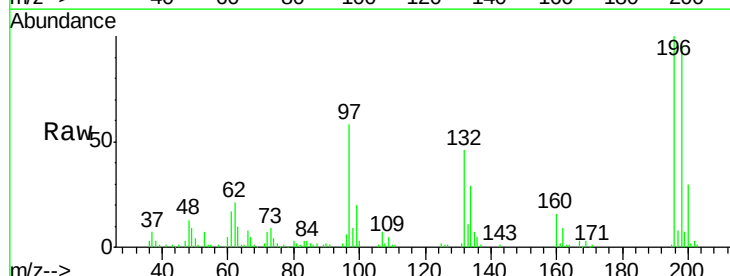


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

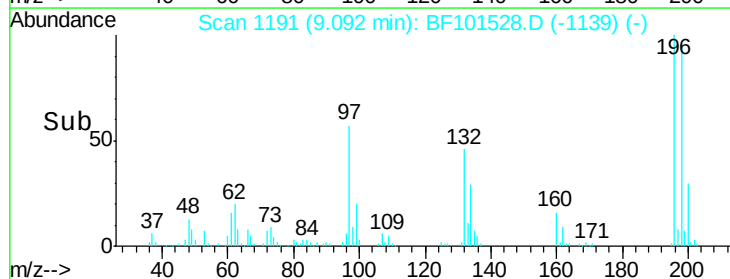
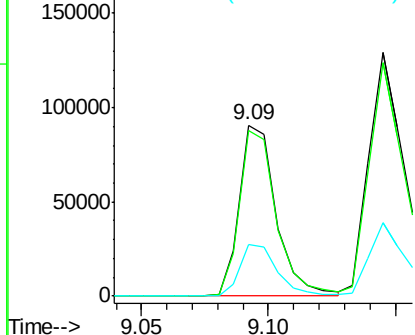


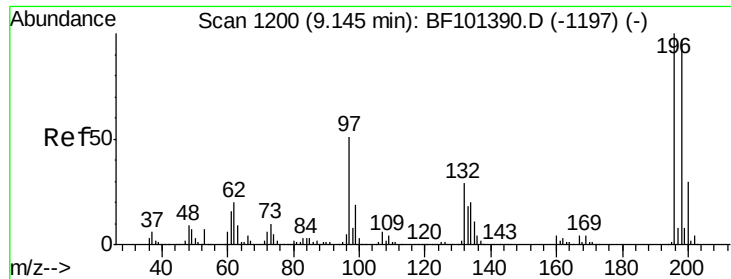
#42
 2,4,6-Trichlorophenol
 Concen: 19.938 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion:196 Resp: 92081
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 200 29.9 24.5 36.7



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

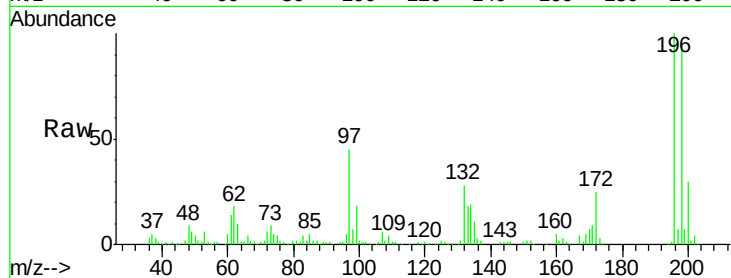




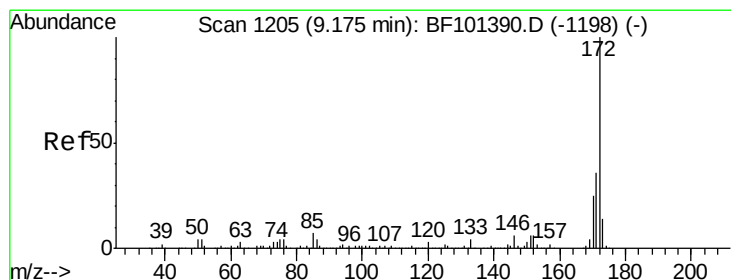
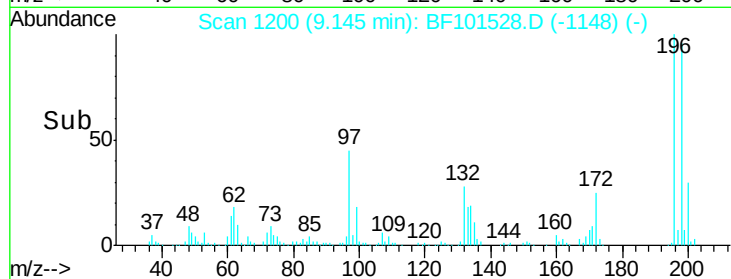
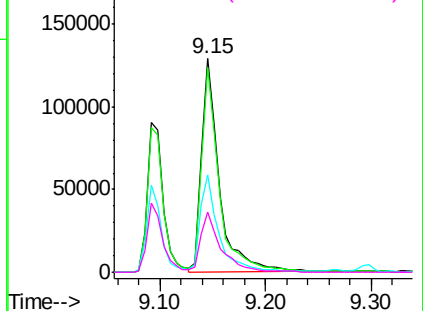
#43
 2,4,5-Trichlorophenol
 Concen: 29.430 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.6	112.0
97	45.3	42.9	64.3
132	28.3	26.3	39.5

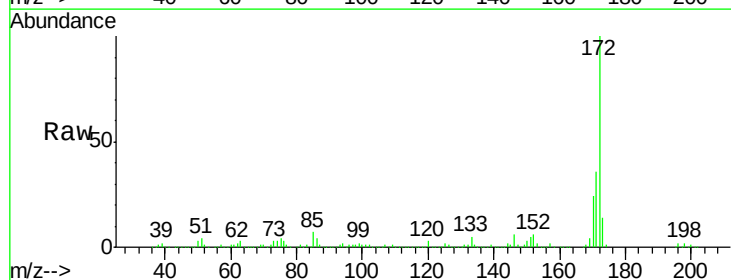


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

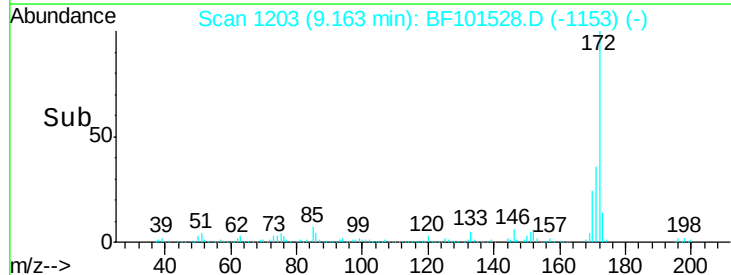
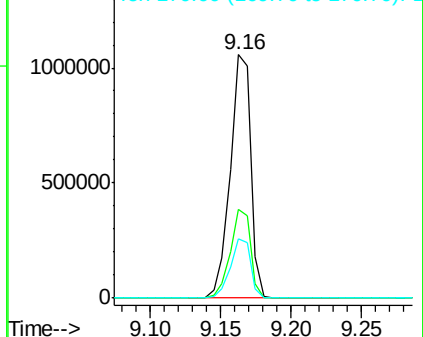


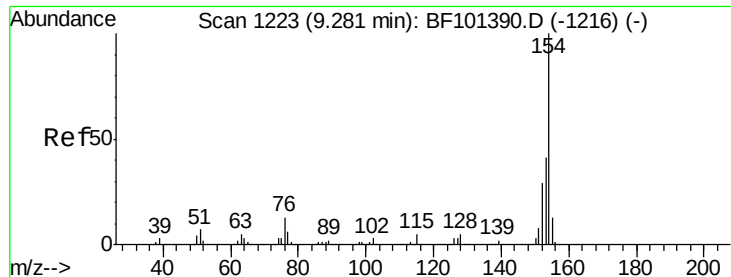
#44
 2-Fluorobiphenyl
 Concen: 73.099 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

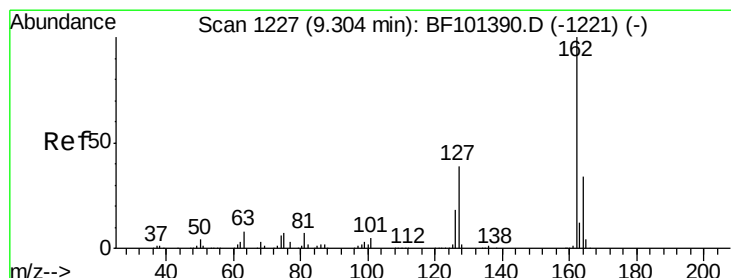
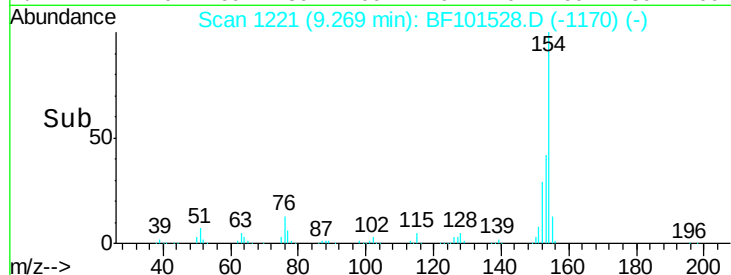
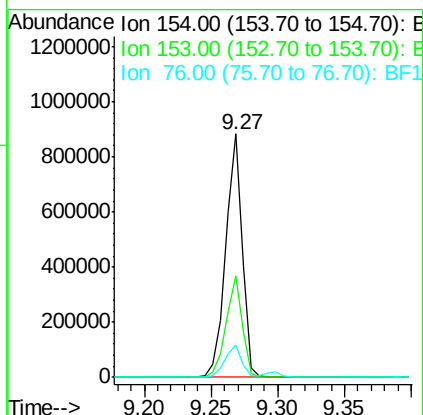
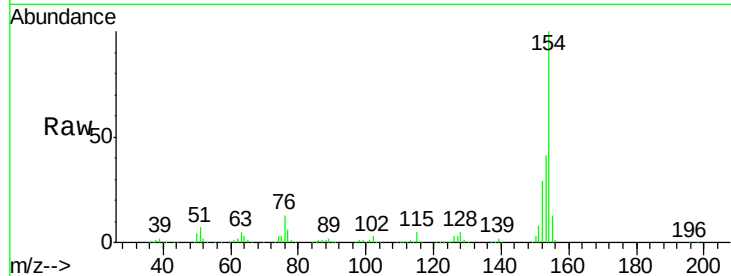




#45
 1,1'-Biphenyl
 Concen: 38.463 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

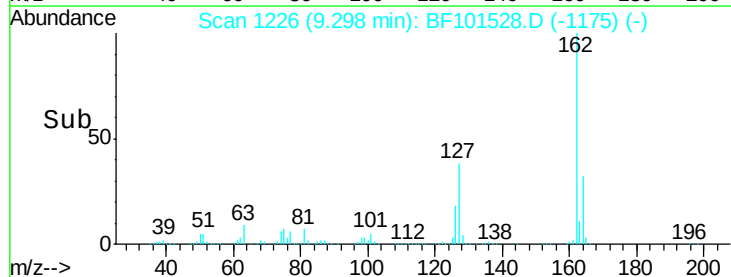
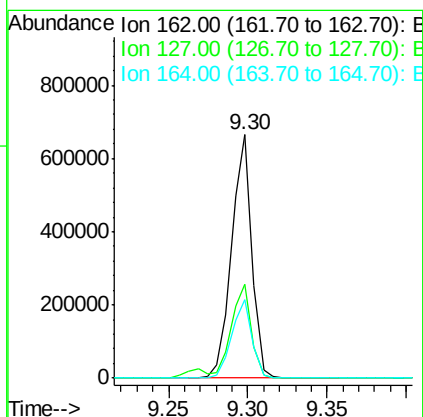
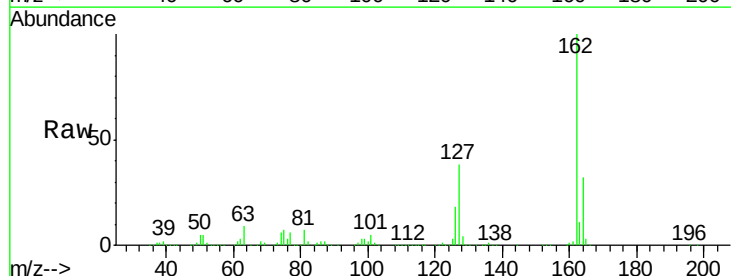
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

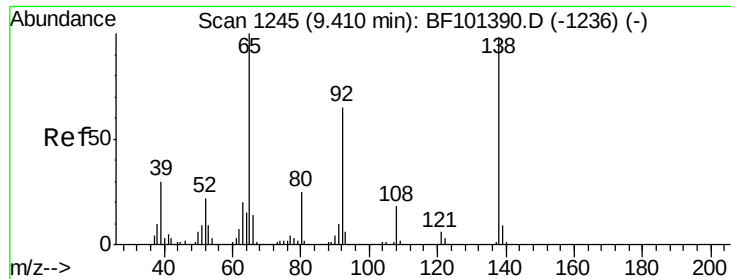
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	13.4	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 38.016 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	33.9	50.9
164	32.2	26.5	39.7

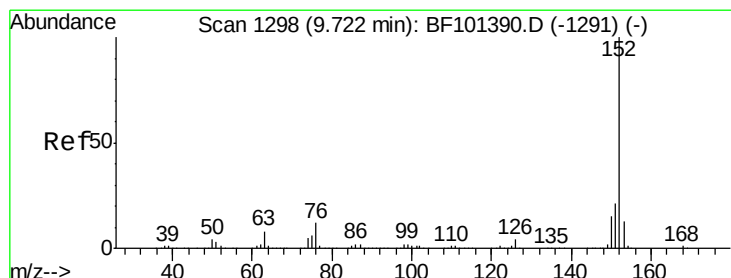
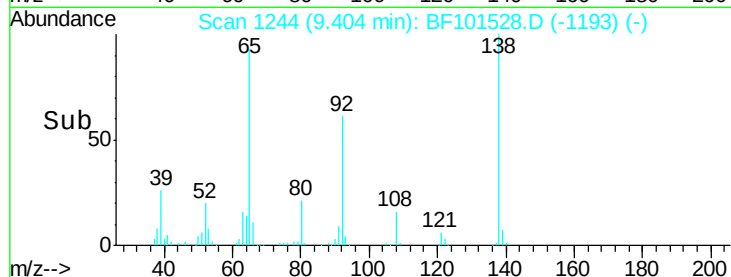
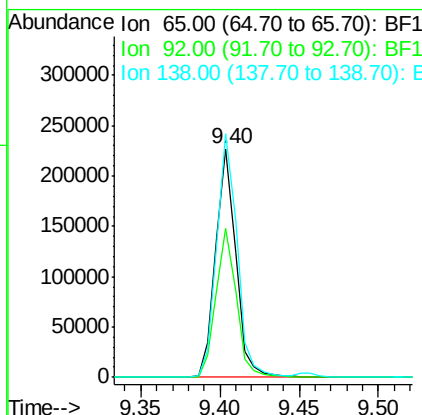
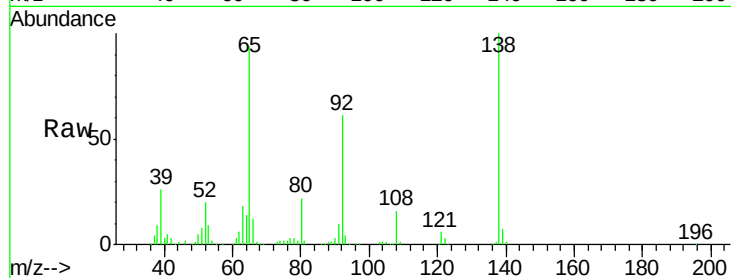




#47
2-Nitroaniline
Concen: 38.080 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

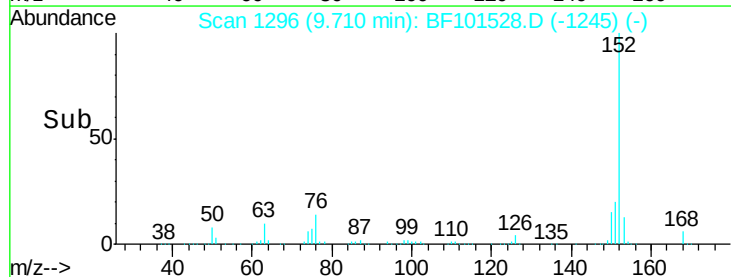
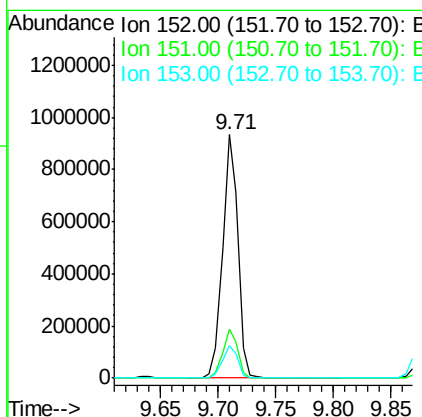
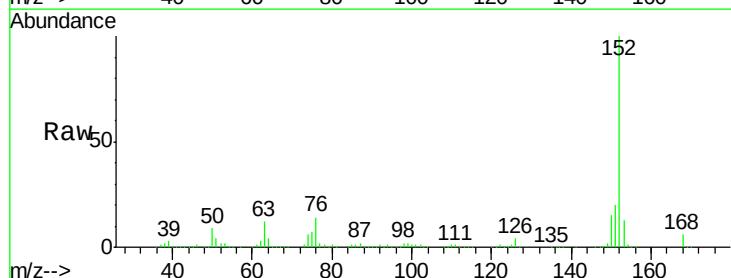
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

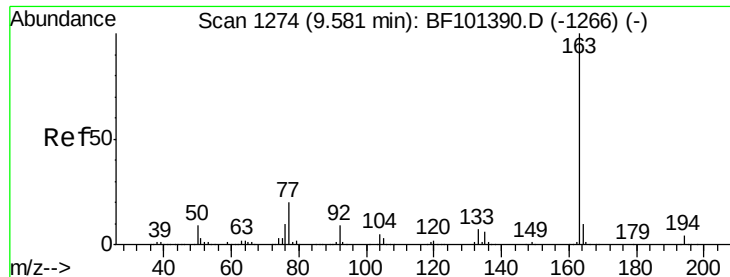
Tot Ion: 65 Resp: 202825
Ion Ratio Lower Upper
65 100
92 65.1 55.8 83.6
138 106.7 91.2 136.8



#48
Acenaphthylene
Concen: 35.152 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion: 152 Resp: 856049
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.4 10.7 16.1

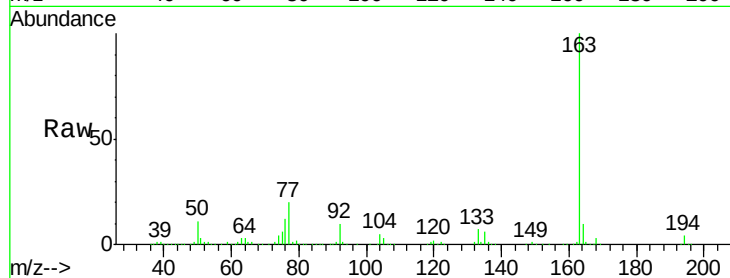




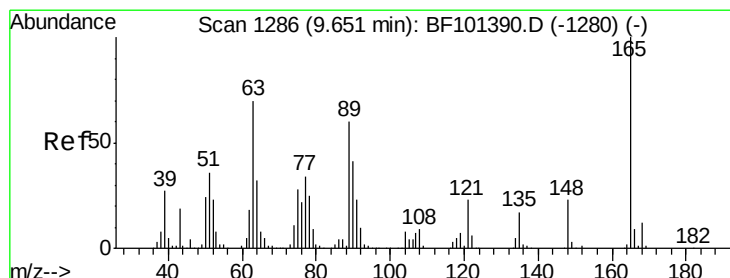
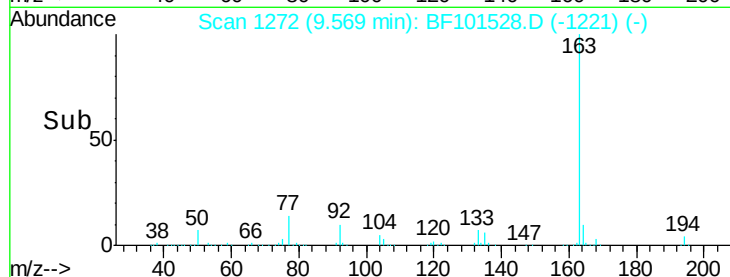
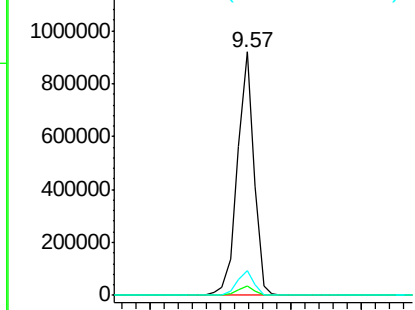
#49
Dimethylphthalate
Concen: 41.134 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion:163 Resp: 751773
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

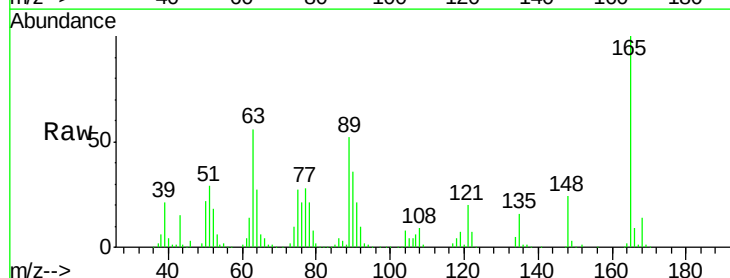


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

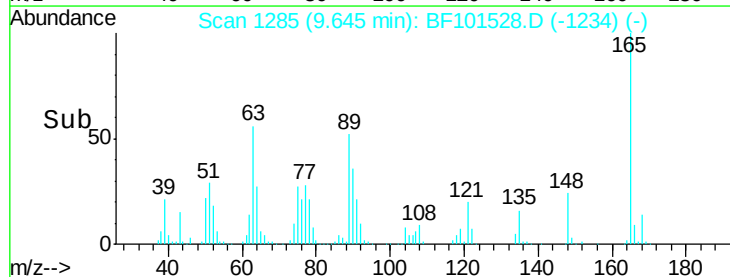
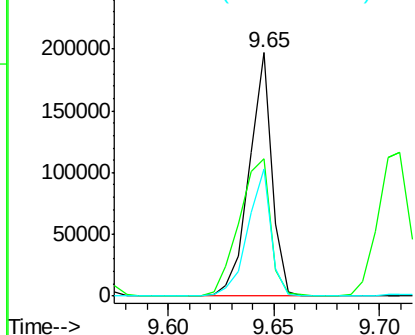


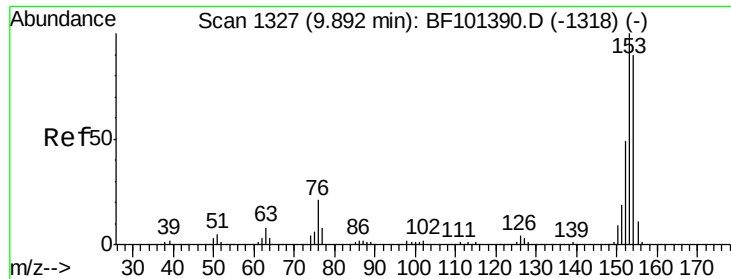
#50
2,6-Dinitrotoluene
Concen: 39.771 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion:165 Resp: 147732
Ion Ratio Lower Upper
165 100
63 56.4 44.7 67.1
89 52.2 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

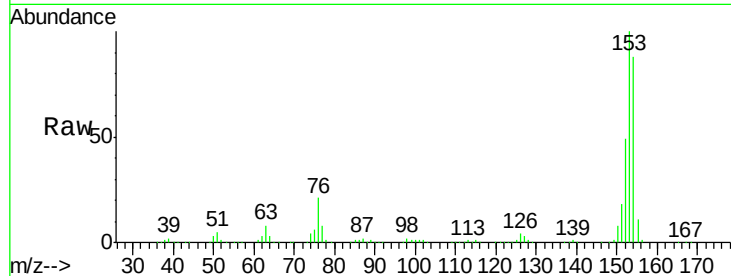




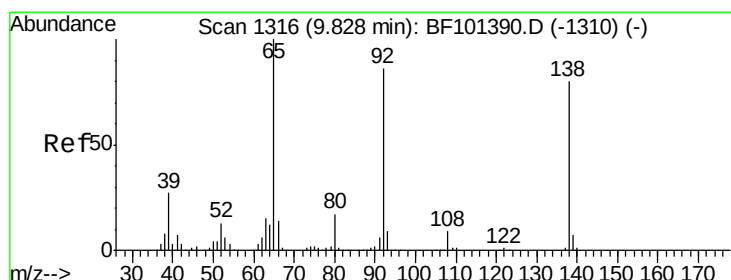
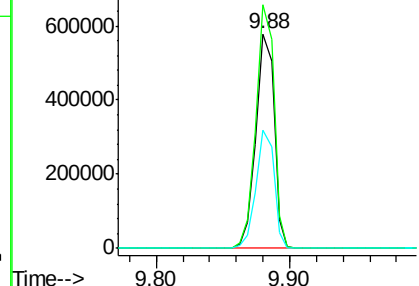
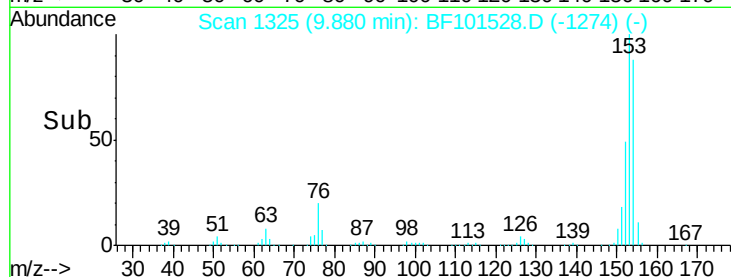
#51
Acenaphthene
Concen: 36.945 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion:154 Resp: 540545
Ion Ratio Lower Upper
154 100
153 113.5 91.2 136.8
152 55.2 43.8 65.8

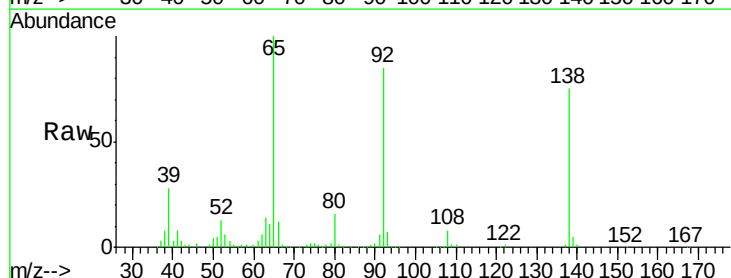


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

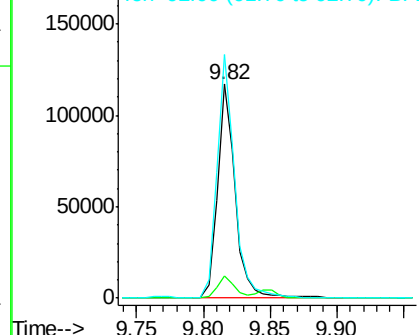
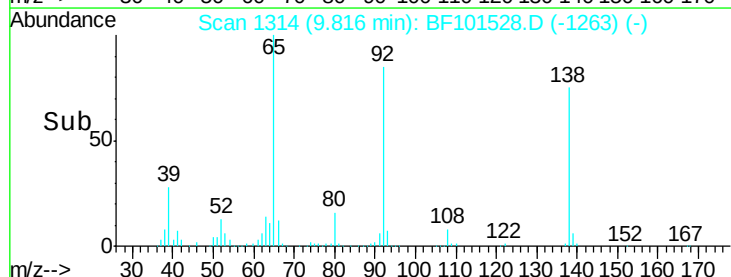


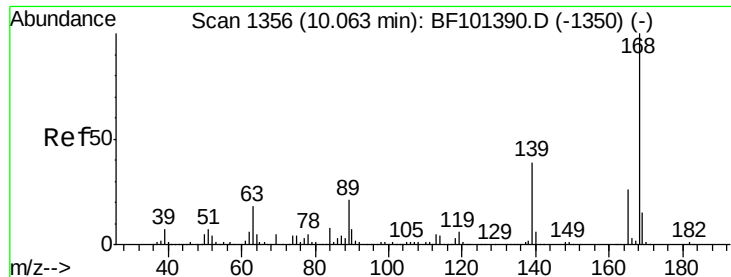
#52
3-Nitroaniline
Concen: 23.602 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion:138 Resp: 109304
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.0
92 113.9 89.4 134.2



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): BF1





#54

Dibenzenofuran

Concen: 39.812 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

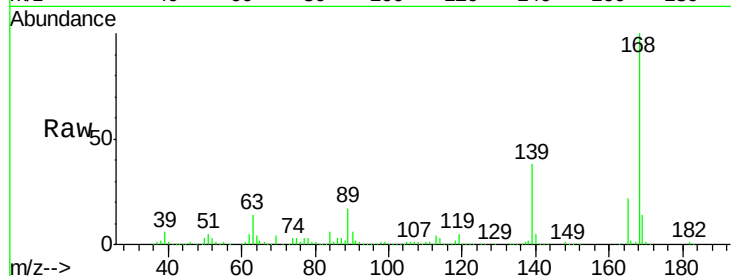
Tot Ion:168 Resp: 740265

Ion Ratio Lower Upper

168 100

139 37.9 30.1 45.1

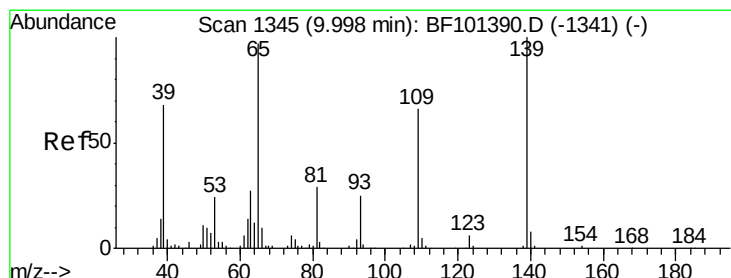
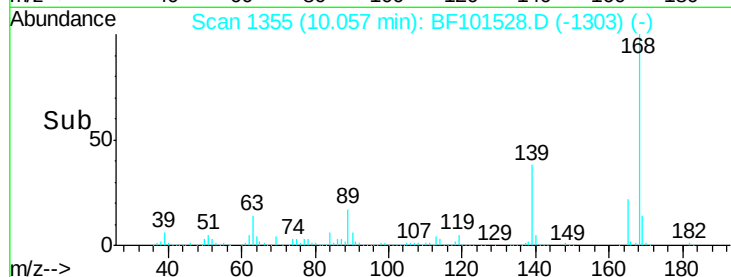
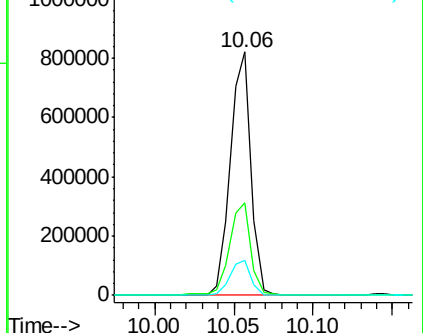
169 14.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 146.397 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.06 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

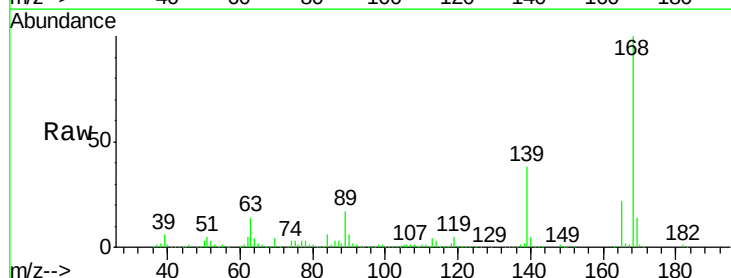
Tgt Ion:139 Resp: 295631

Ion Ratio Lower Upper

139 100

109 1.2 48.4 88.4#

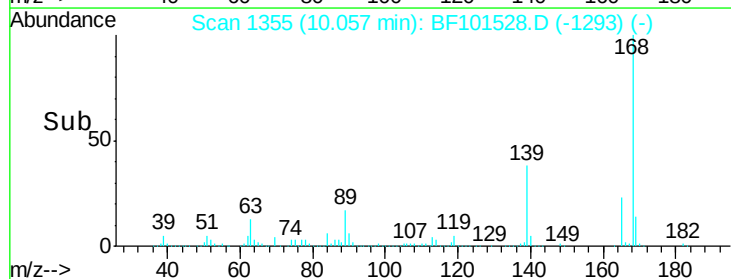
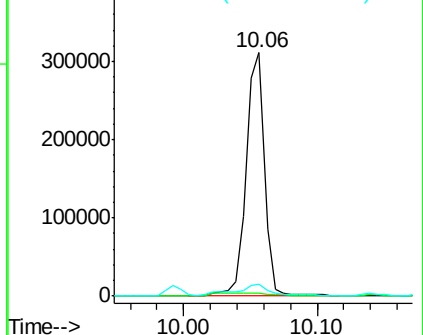
65 4.7 72.6 112.6#

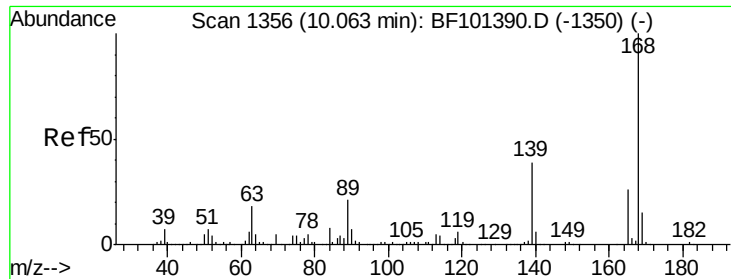


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 41.344 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

Tot Ion:165 Resp: 173027

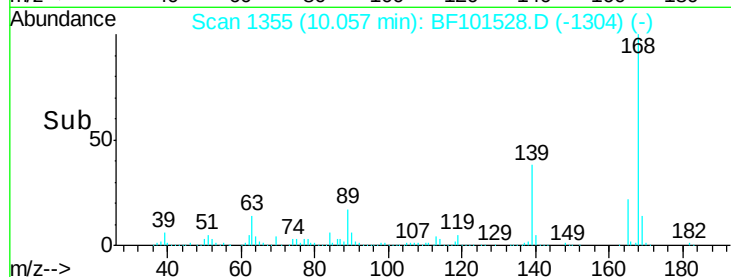
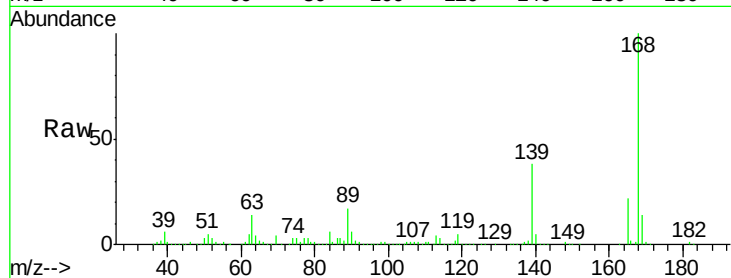
Ion Ratio Lower Upper

165 100

63 64.0 36.4 54.6#

89 77.4 57.8 86.6

182 2.4 1.6 2.4#

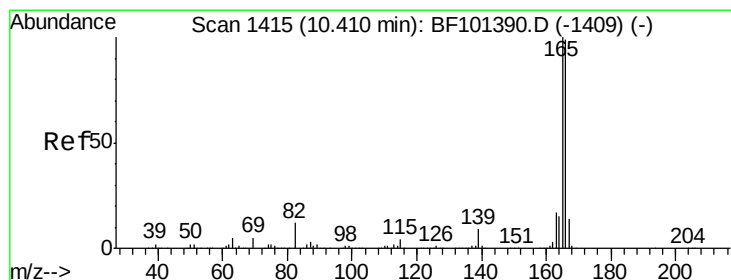
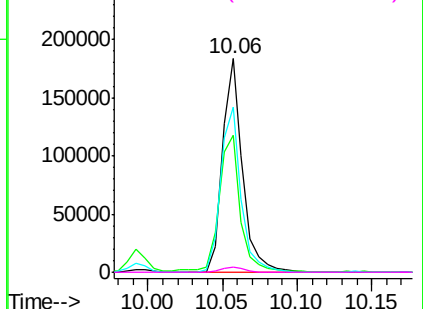


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 39.353 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

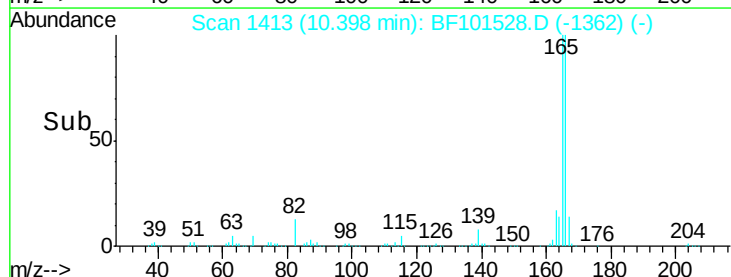
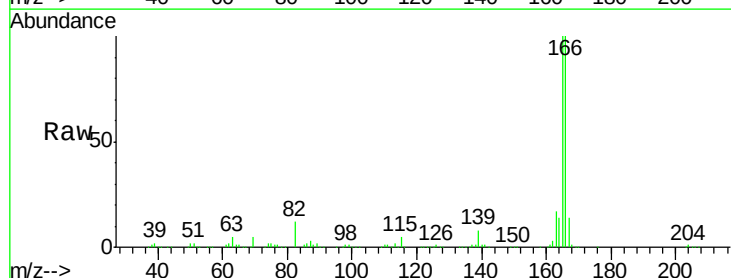
Tgt Ion:166 Resp: 618998

Ion Ratio Lower Upper

166 100

165 100.3 79.8 119.8

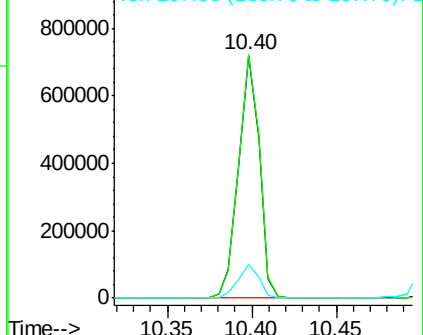
167 13.6 10.6 16.0

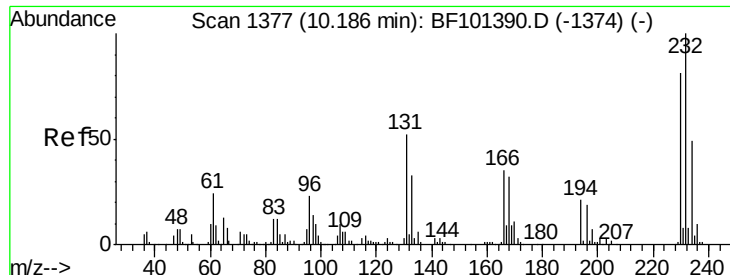


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 12.685 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

Tot Ion:232 Resp: 46088

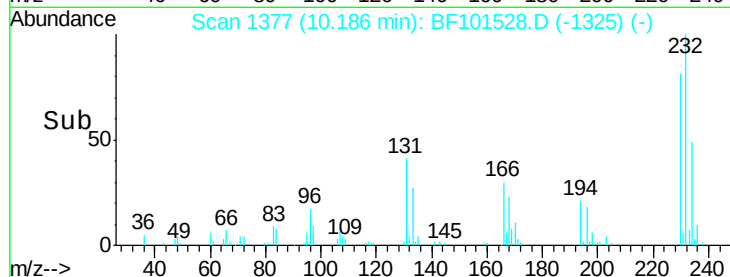
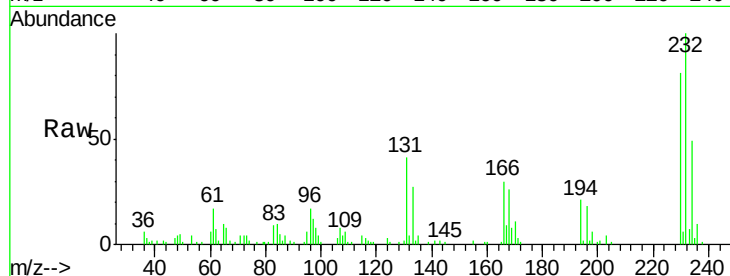
Ion Ratio Lower Upper

232 100

131 46.4 43.8 65.8

130 1.7 2.1 3.1#

166 0.0 27.8 41.6#

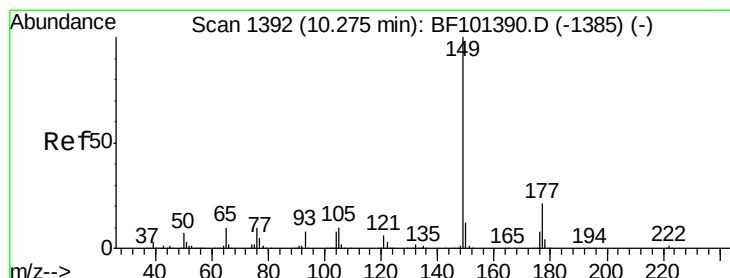
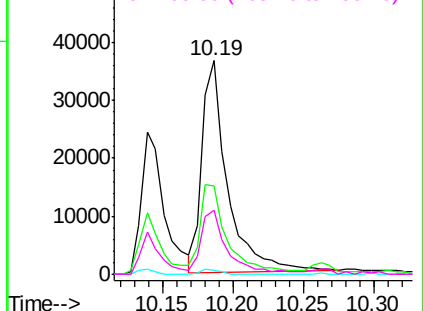


Abundance Ion 232.00 (231.70 to 232.70): E

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



#59

Diethylphthalate

Concen: 35.790 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

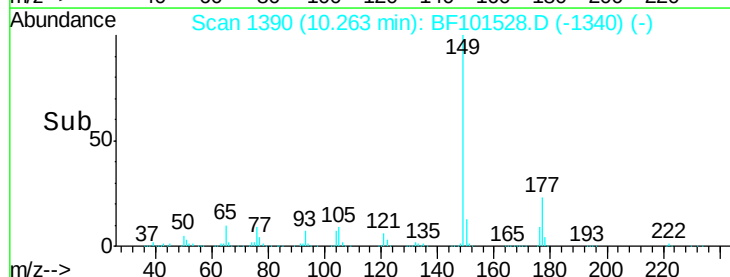
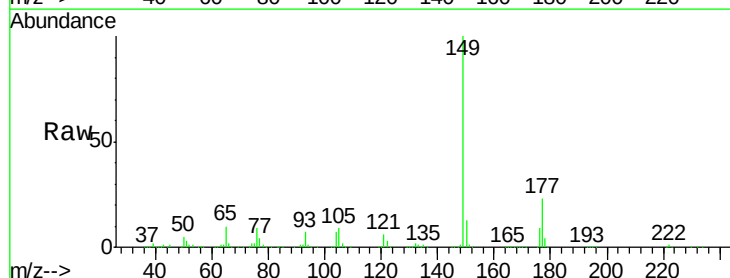
Tgt Ion:149 Resp: 647754

Ion Ratio Lower Upper

149 100

177 22.5 16.1 24.1

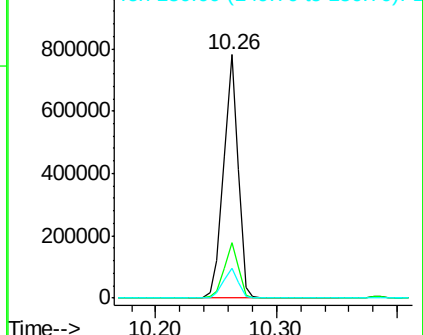
150 12.5 10.1 15.1

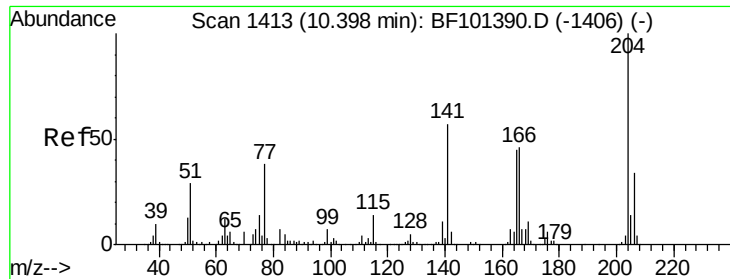


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

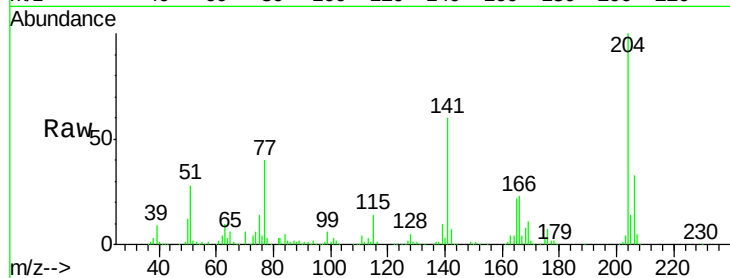




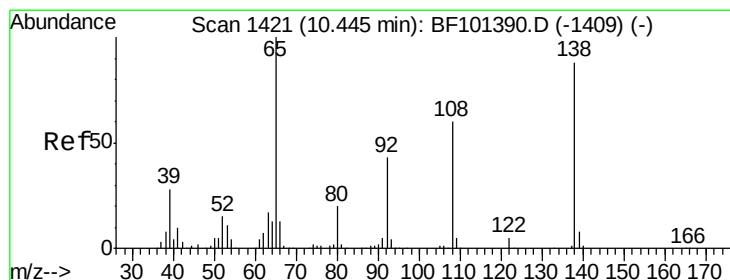
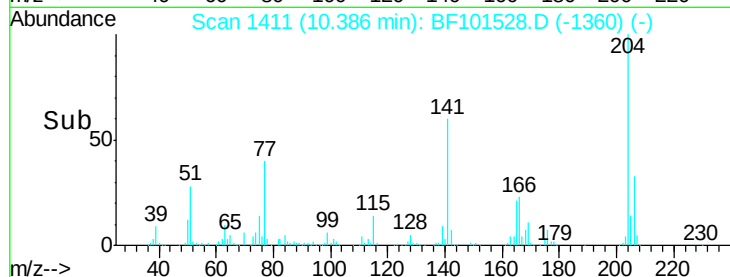
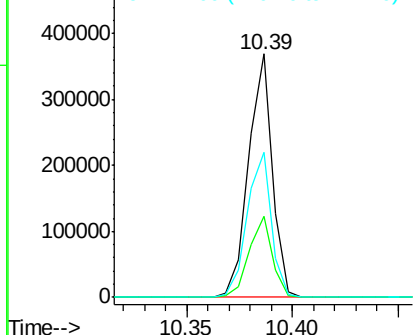
#60
4-Chlorophenyl-phenylether
Concen: 38.265 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

Tot Ion:204 Resp: 288461
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 59.8 54.6 81.8

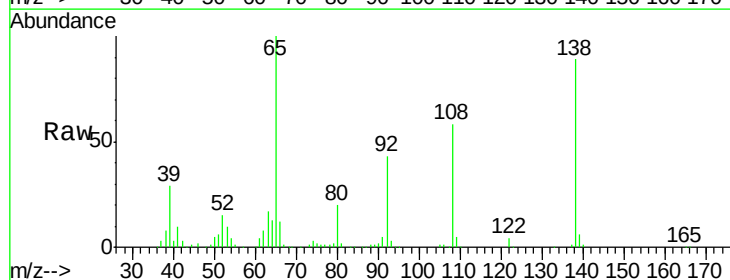


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

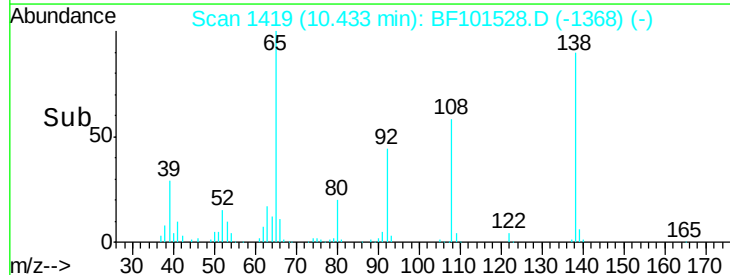
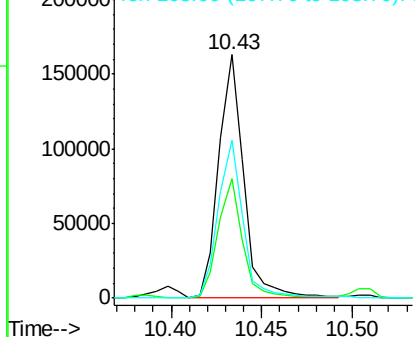


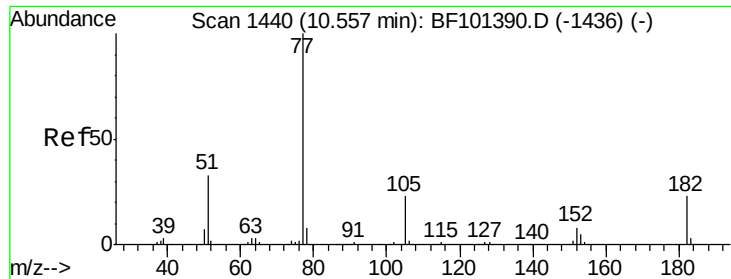
#61
4-Nitroaniline
Concen: 33.356 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion:138 Resp: 155273
Ion Ratio Lower Upper
138 100
92 48.9 30.2 70.2
108 64.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 34.887 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

Tot Ion: 77 Resp: 654092

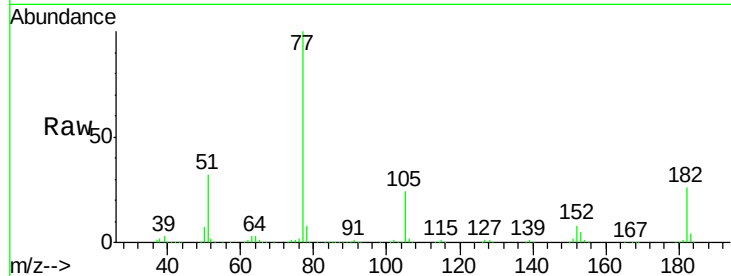
Ion Ratio Lower Upper

77 100

182 25.5 1.7 41.7

105 23.7 3.0 43.0

51 31.9 9.9 49.9

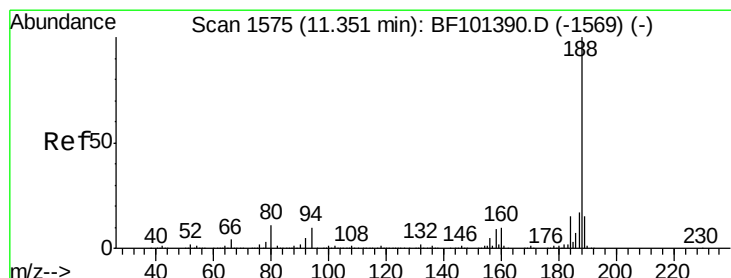
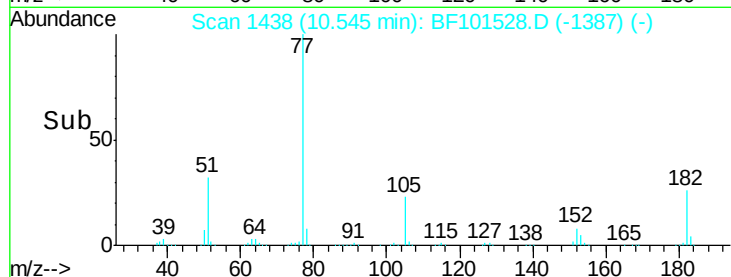
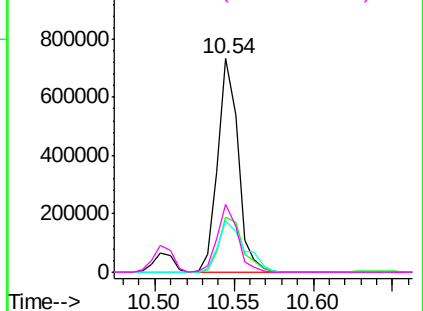


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

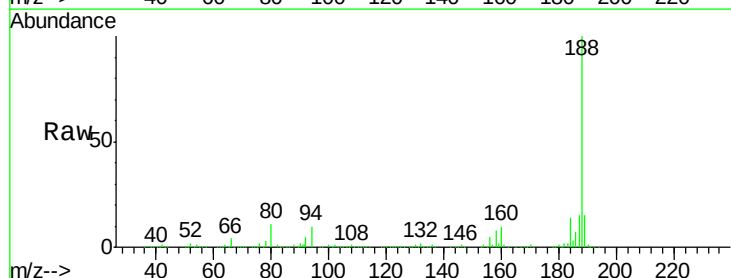
Tgt Ion: 188 Resp: 385355

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

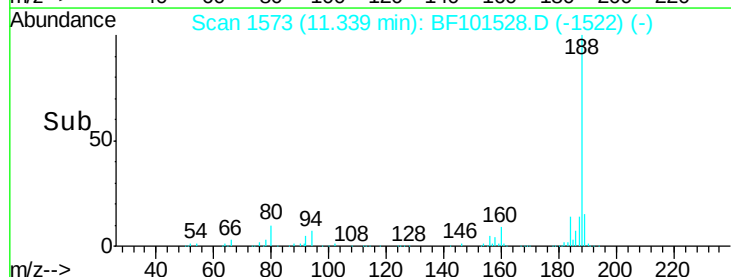
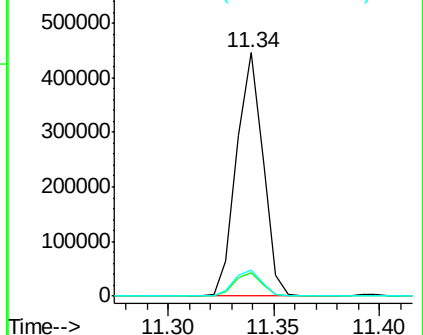
80 10.5 9.2 13.8

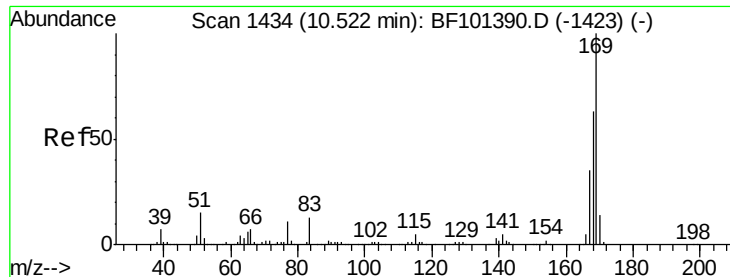


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

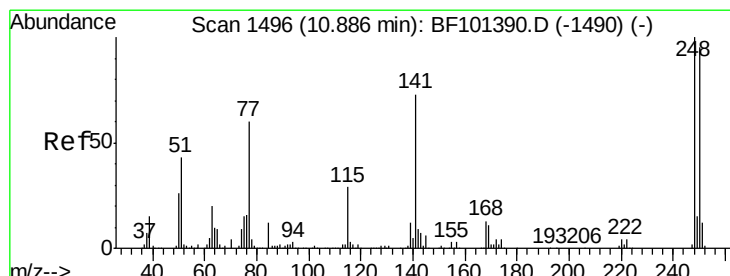
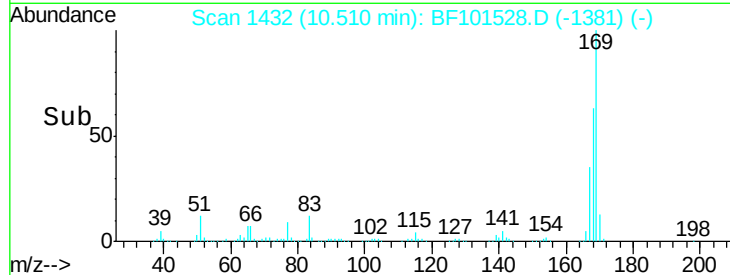
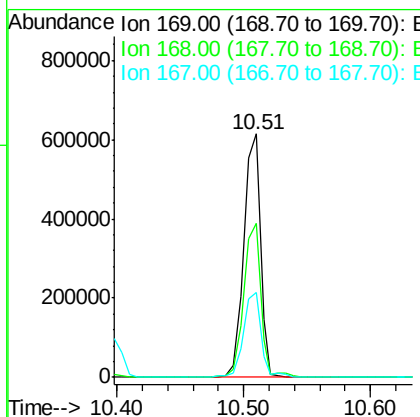
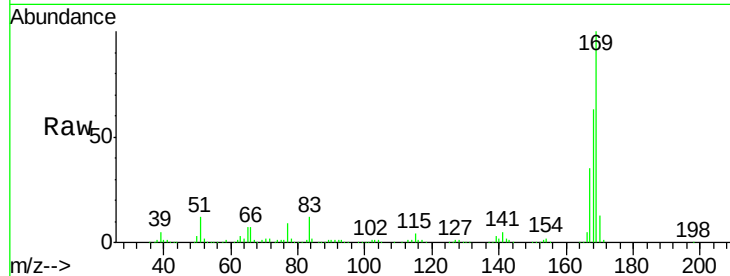




#65
 n-Nitrosodiphenylamine
 Concen: 39.036 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

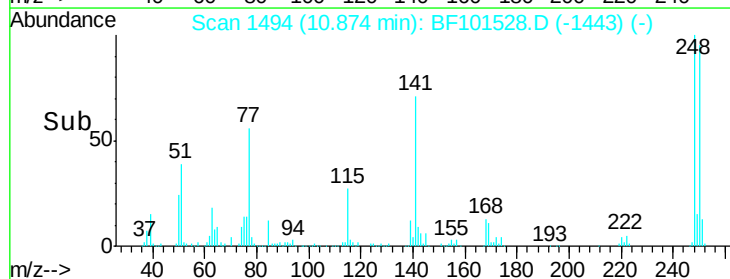
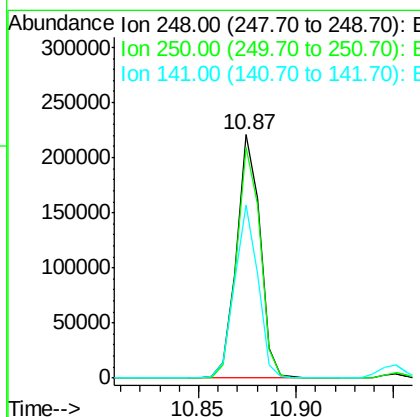
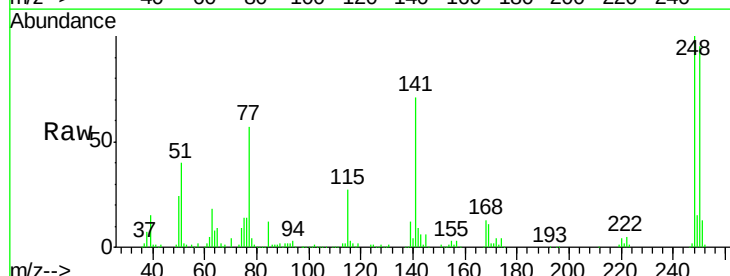
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

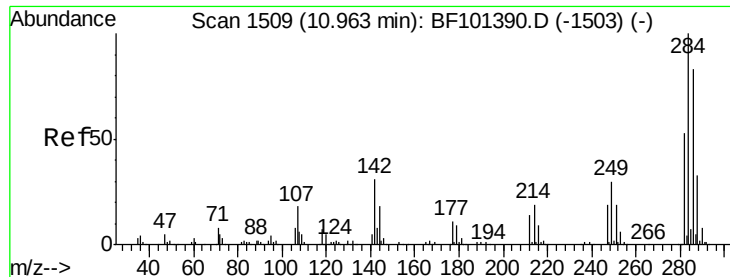
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.4	54.4	81.6
167	34.9	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.688 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.9	76.9	115.3
141	71.2	74.4	111.6#





#67

Hexachlorobenzene

Concen: 40.065 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

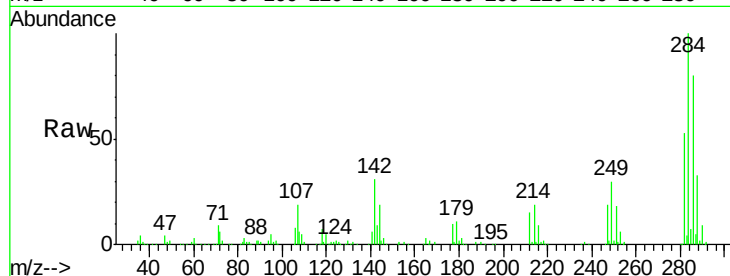
Tot Ion:284 Resp: 183608

Ion Ratio Lower Upper

284 100

142 30.7 34.6 52.0#

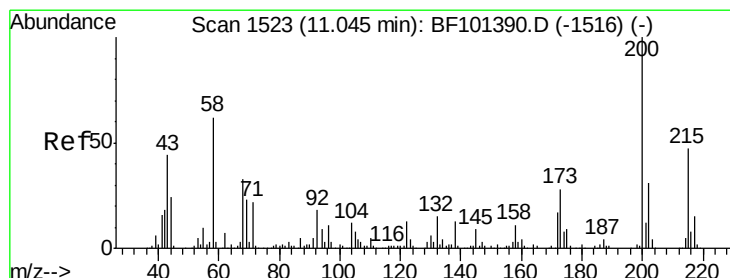
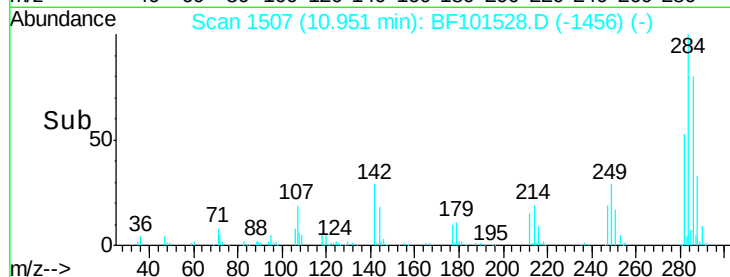
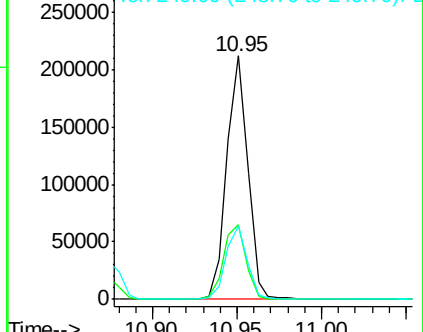
249 29.9 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.363 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

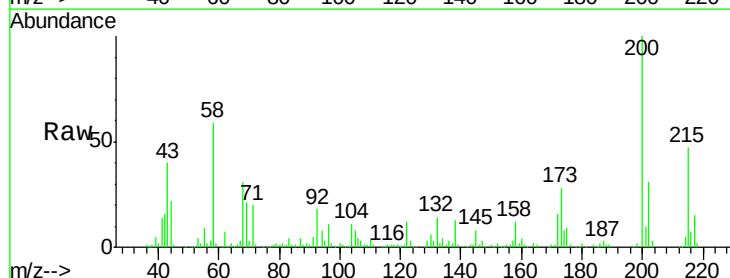
Tgt Ion:200 Resp: 188222

Ion Ratio Lower Upper

200 100

173 27.8 8.6 48.6

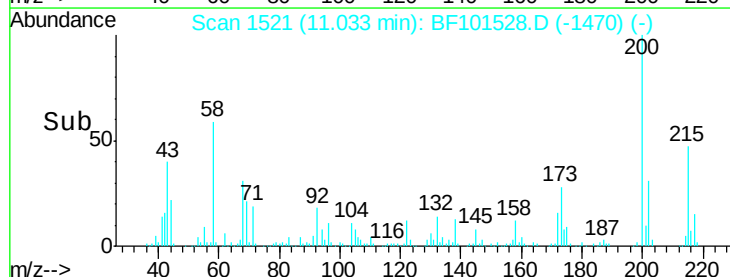
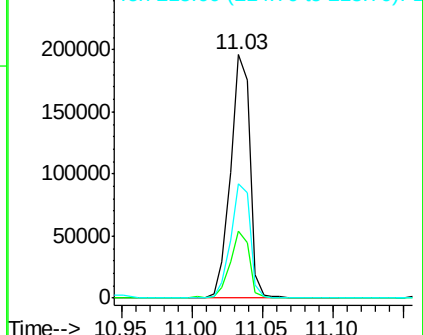
215 47.0 25.1 65.1

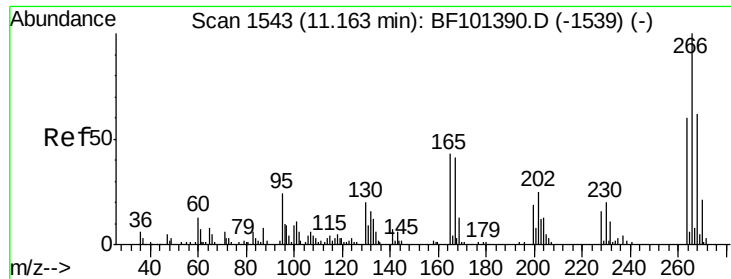


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

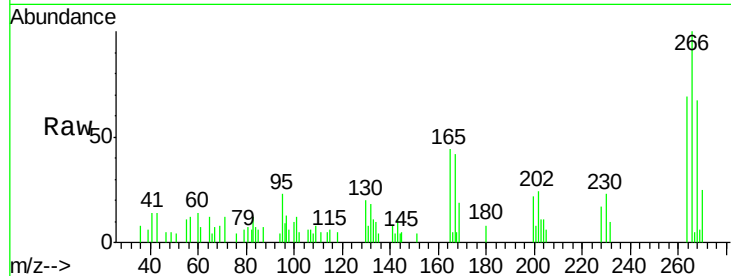




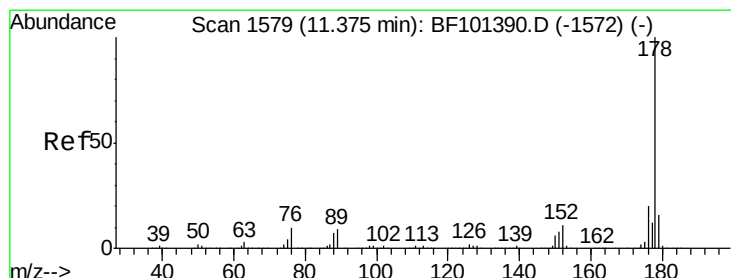
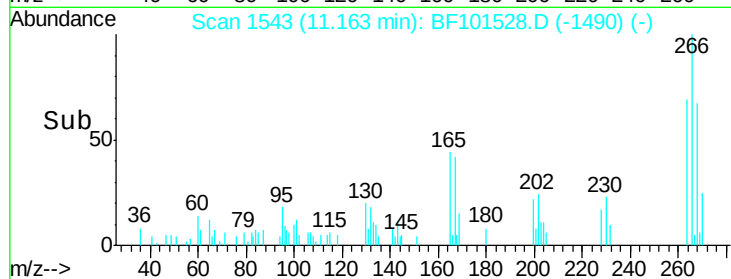
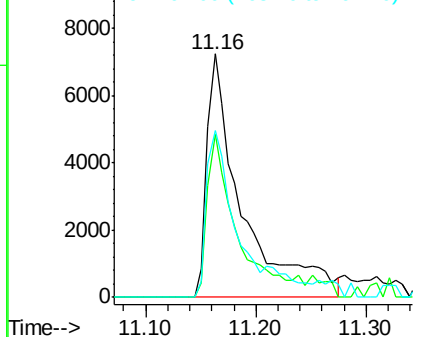
#69
 Pentachlorophenol
 Concen: 14.684 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Tot Ion:266 Resp: 15777
 Ion Ratio Lower Upper
 266 100
 268 67.1 51.1 76.7
 264 68.7 49.5 74.3

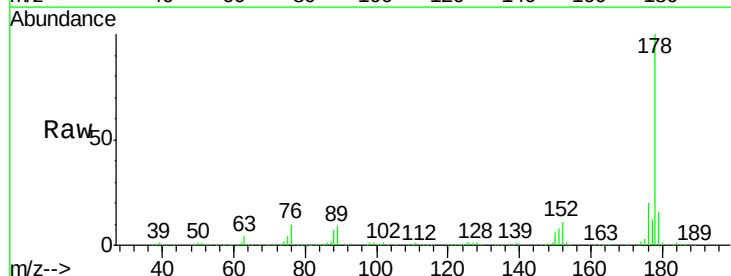


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

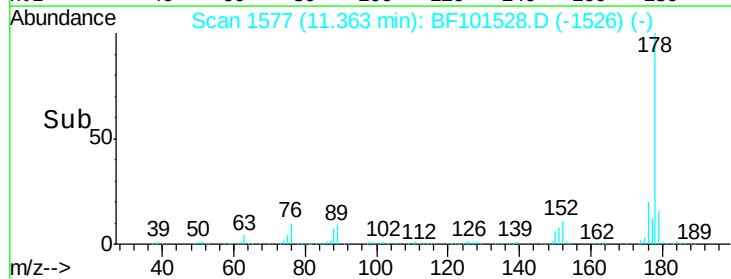
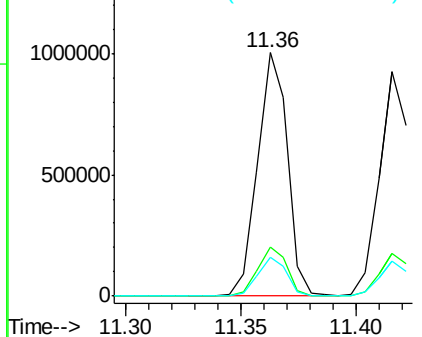


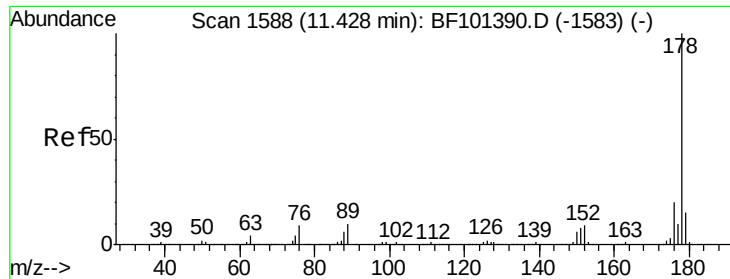
#70
 Phenanthrene
 Concen: 42.395 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion:178 Resp: 908541
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.9 13.0 19.6



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

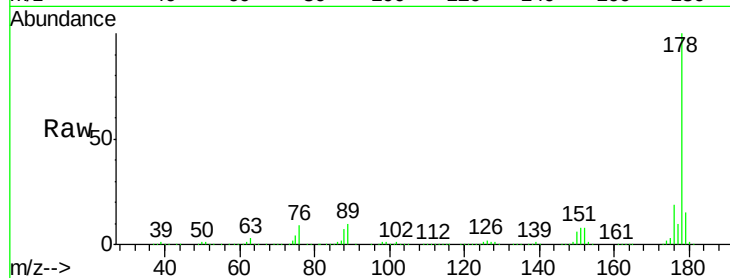




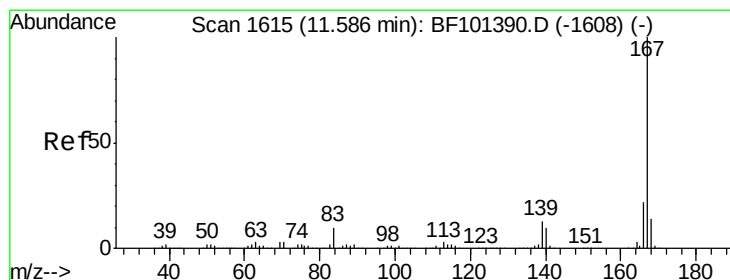
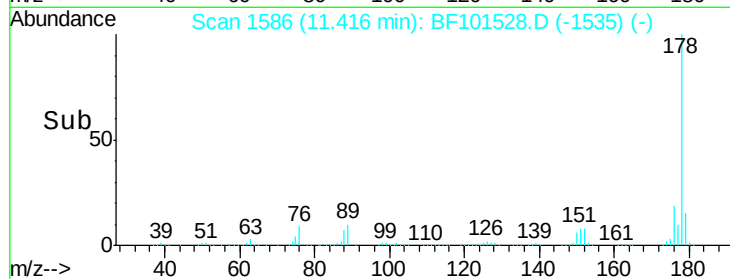
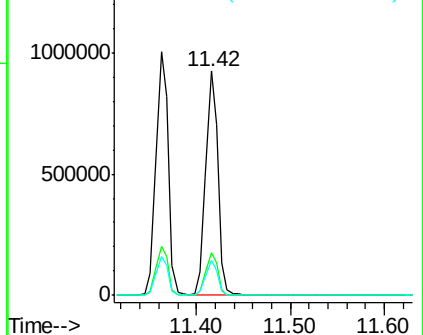
#71
 Anthracene
 Concen: 38.748 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Tot Ion:178 Resp: 848217
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.5 12.6 19.0

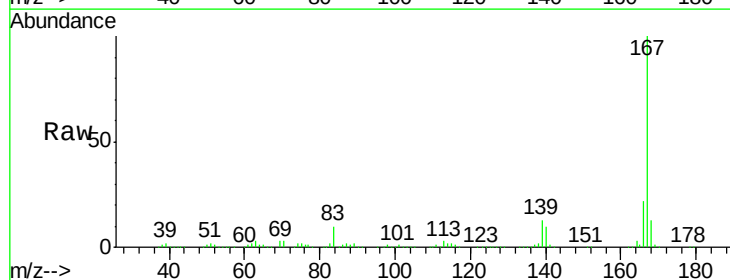


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

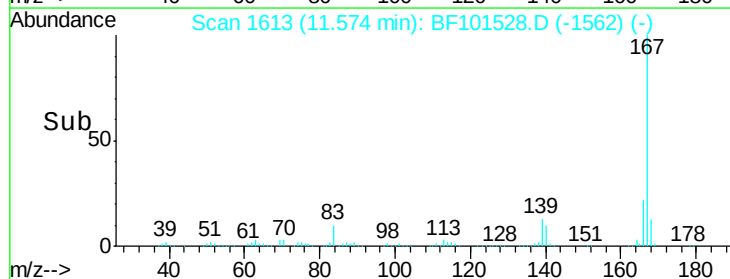
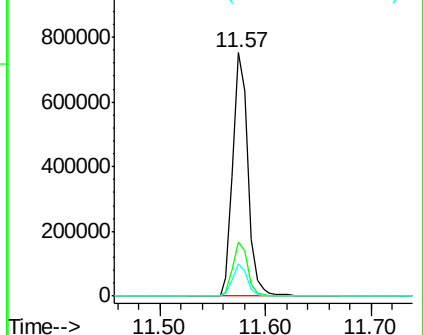


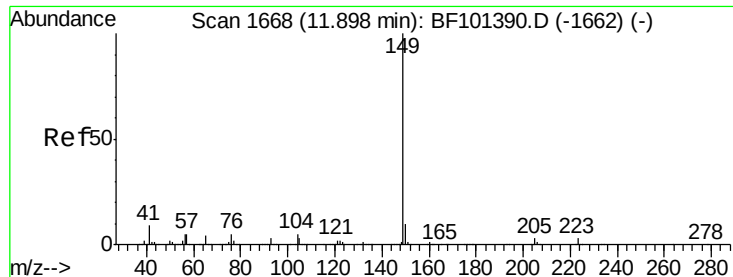
#72
 Carbazole
 Concen: 36.105 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion:167 Resp: 739966
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.2 10.9 16.3



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: 38.117 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

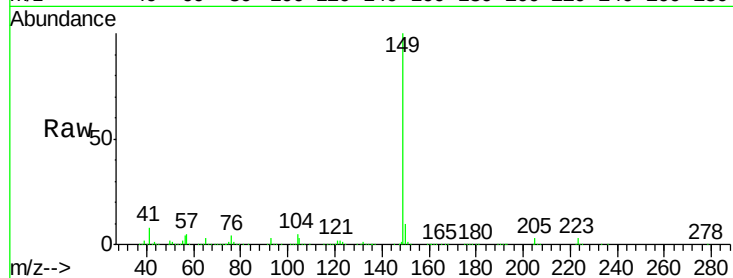
Tot Ion:149 Resp: 948184

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

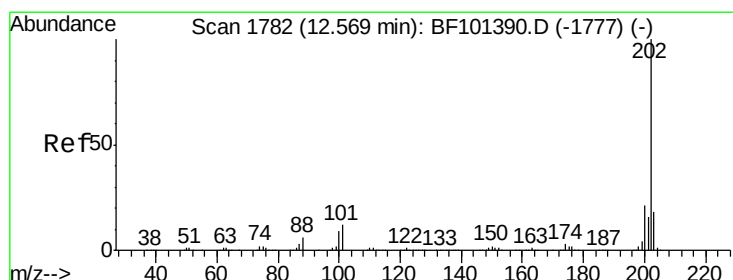
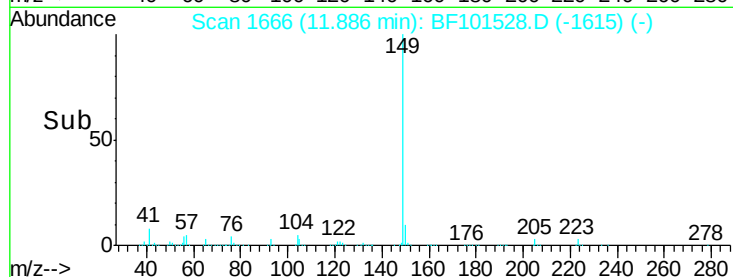
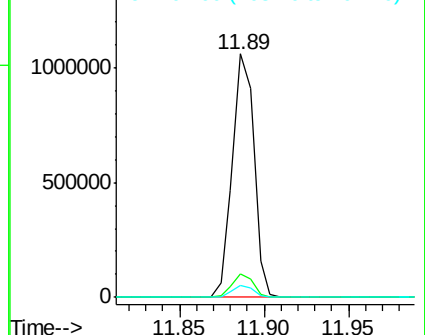
104 4.7 3.8 5.8



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: 34.488 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

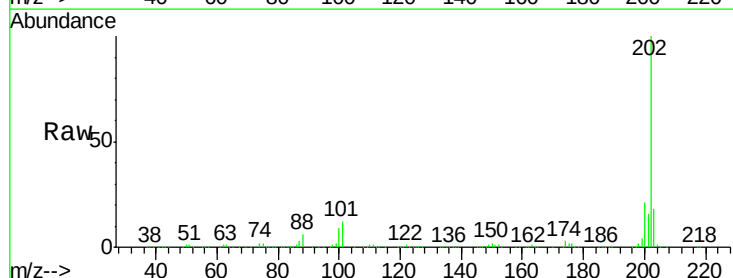
Tgt Ion:202 Resp: 775772

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

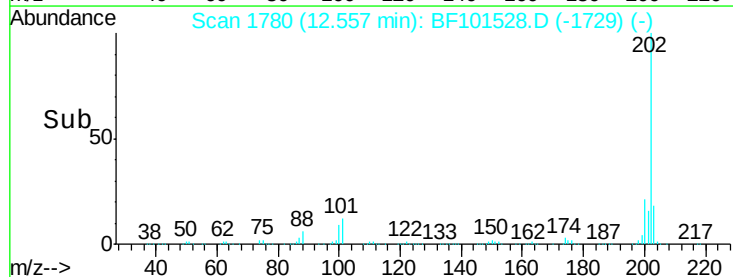
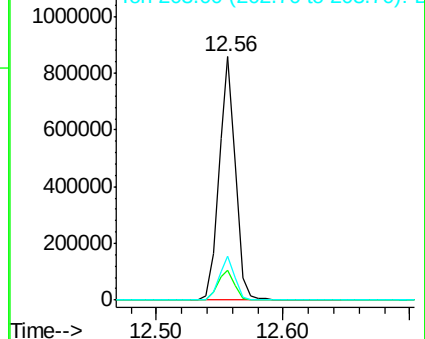
203 18.2 0.0 38.1

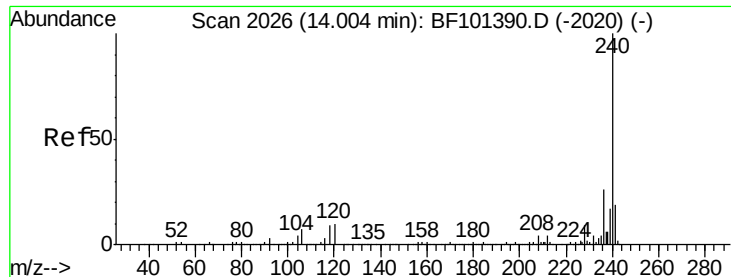


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

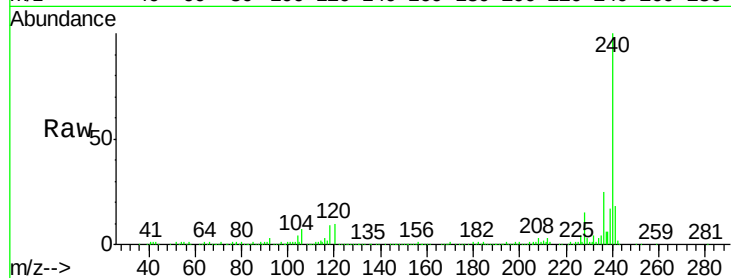
Tot Ion:240 Resp: 245979

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

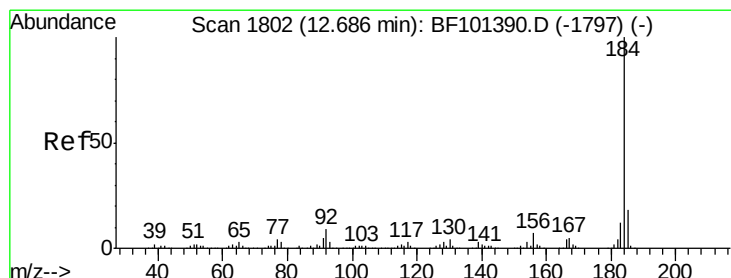
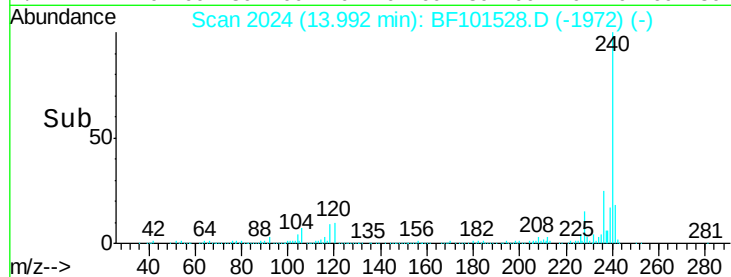
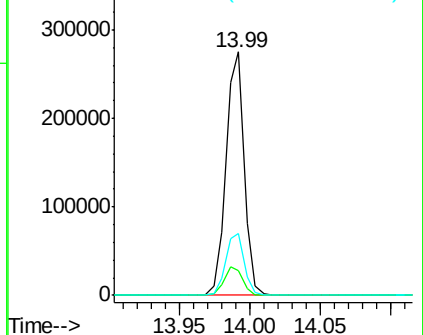
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.778 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

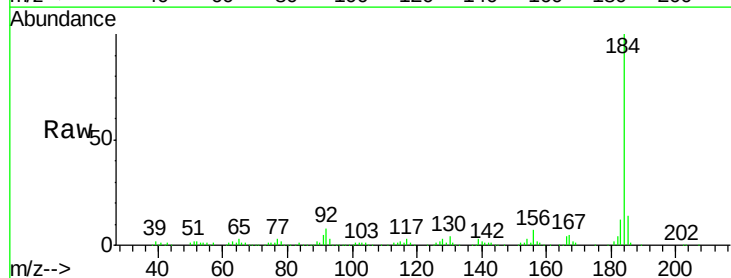
Tgt Ion:184 Resp: 215857

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

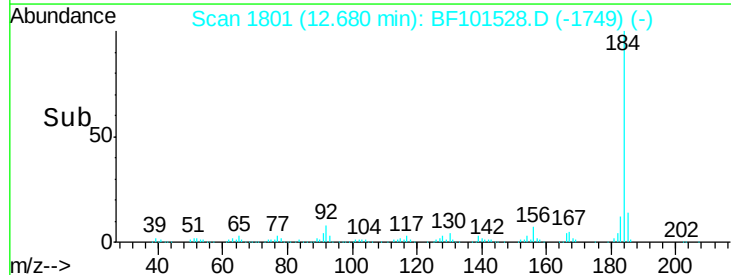
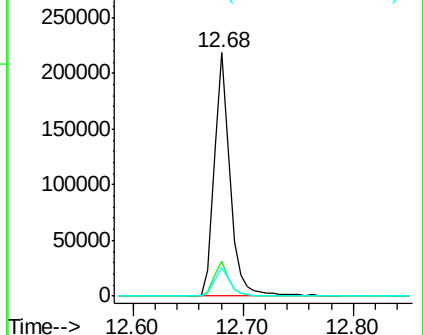
183 11.5 9.3 13.9

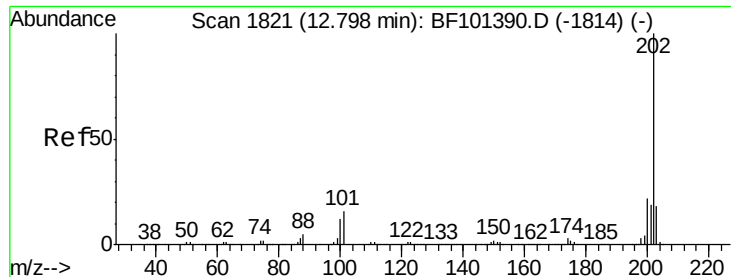


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

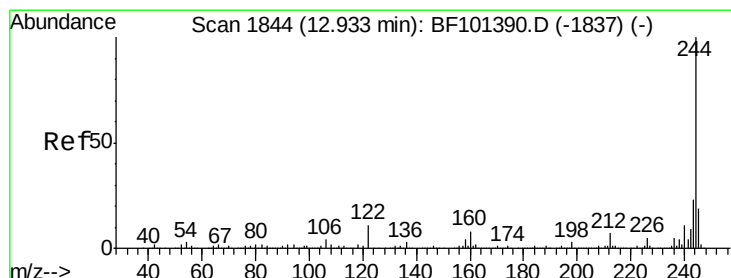
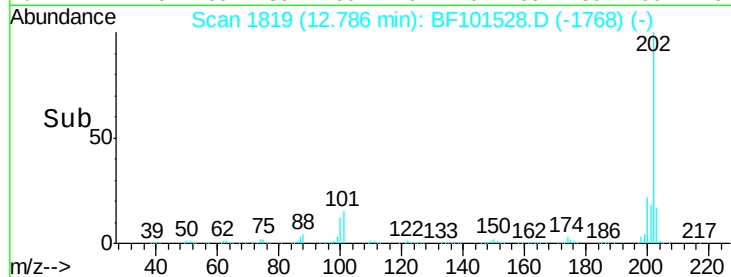
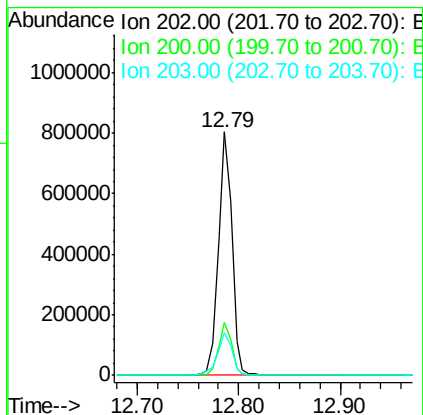
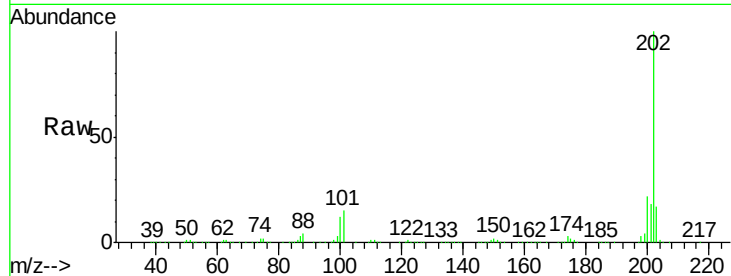




#77
Pvrene
Concen: 40.423 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

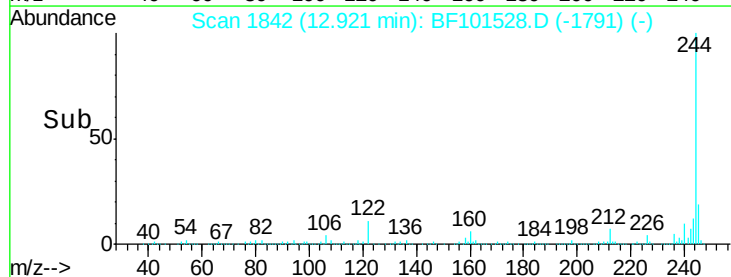
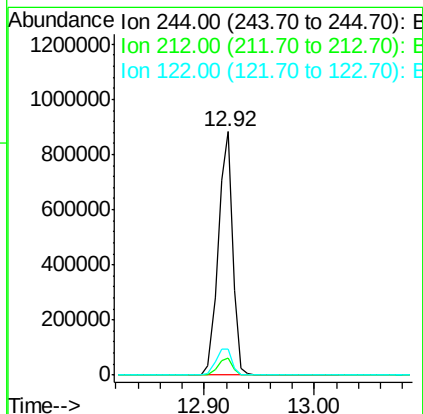
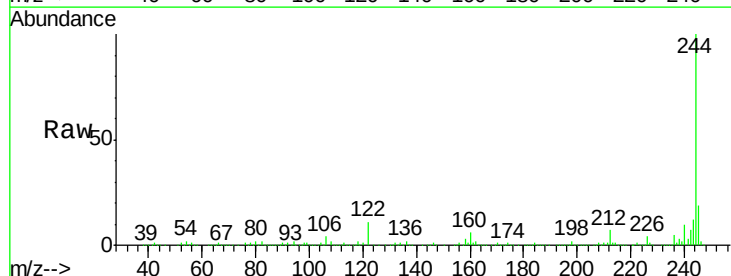
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

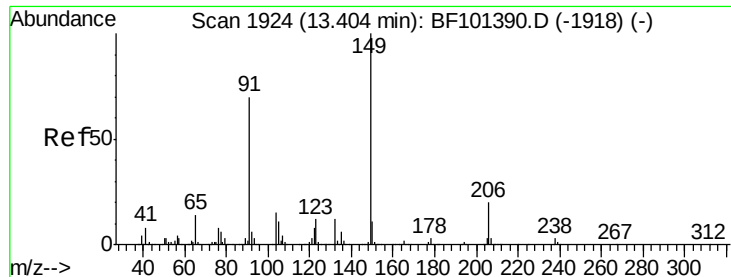
Tot Ion:202 Resp: 746241
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.5 14.3 21.5



#78
Terphenyl-d14
Concen: 78.104 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion:244 Resp: 796917
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 10.6 11.0 16.4#

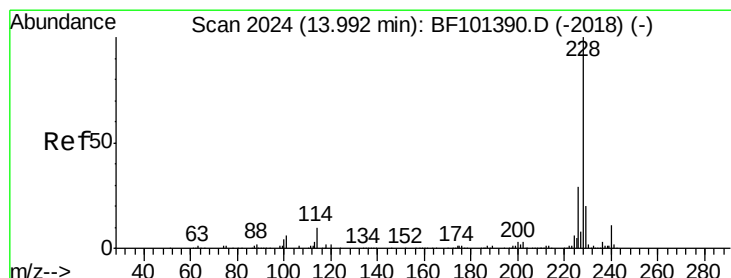
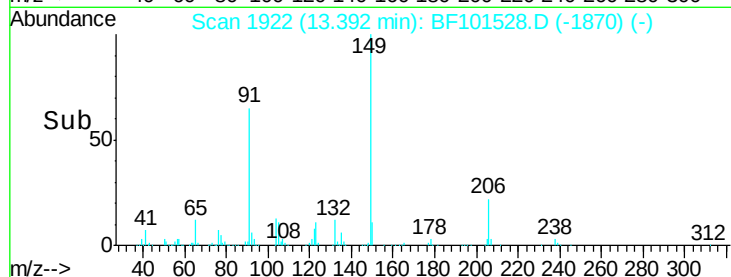
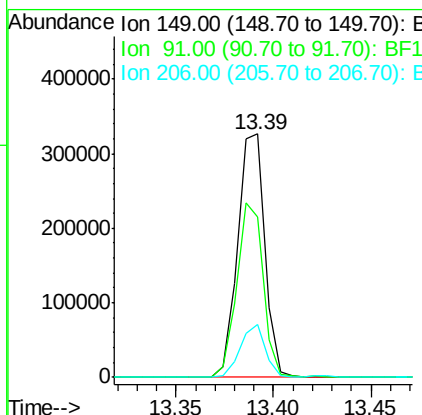
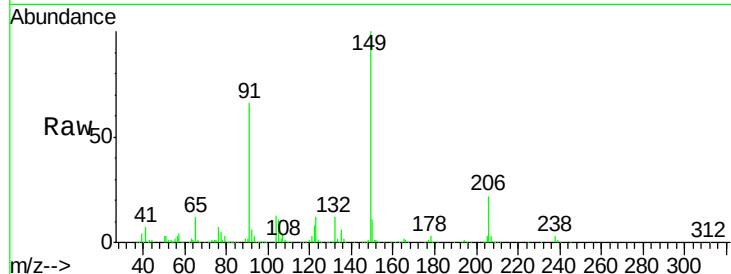




#79
Butylbenzylphthalate
Concen: 37.742 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

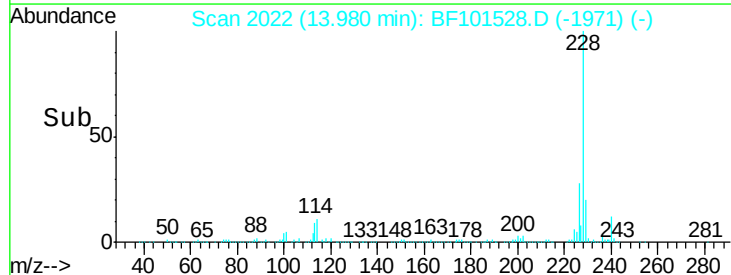
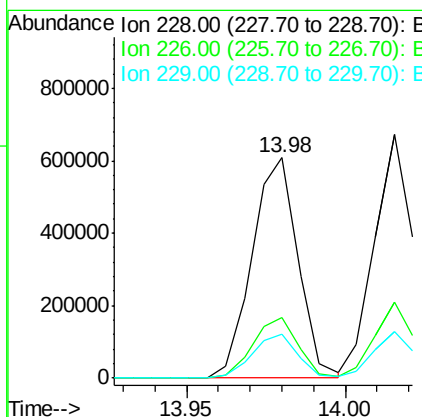
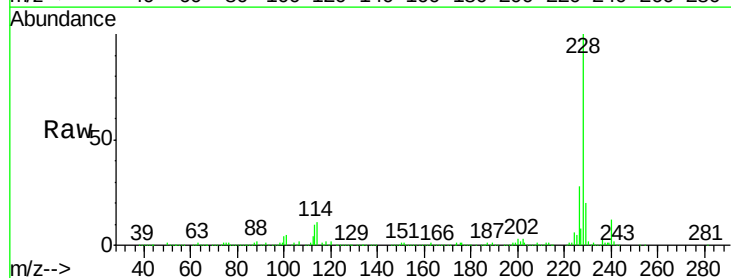
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

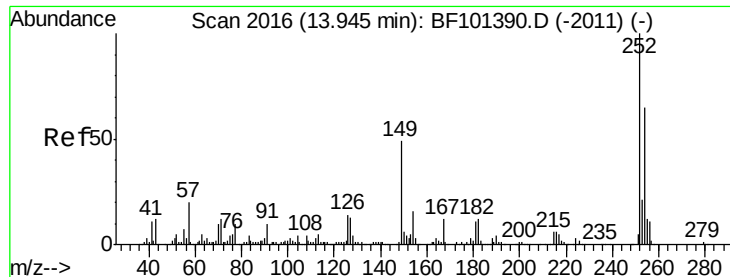
Tot Ion:149 Resp: 315256
Ion Ratio Lower Upper
149 100
91 65.7 56.8 85.2
206 21.6 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 37.619 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion:228 Resp: 611025
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 19.8 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 22.571 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

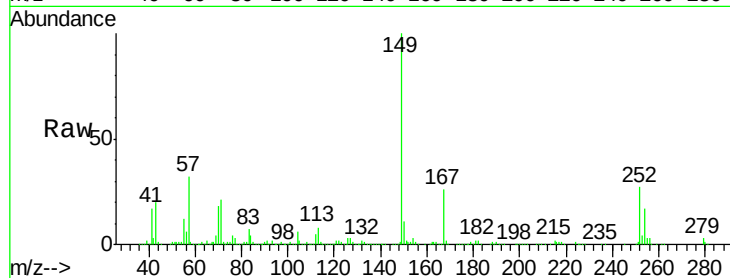
Tot Ion:252 Resp: 119540

Ion Ratio Lower Upper

252 100

254 63.2 50.4 75.6

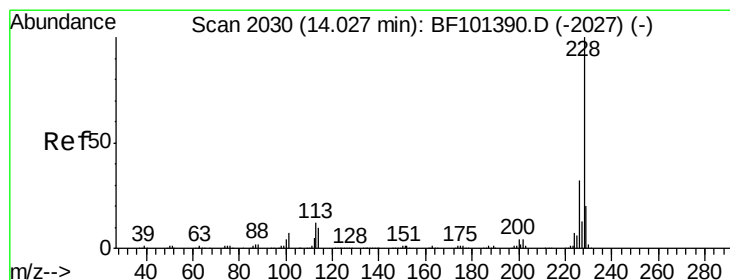
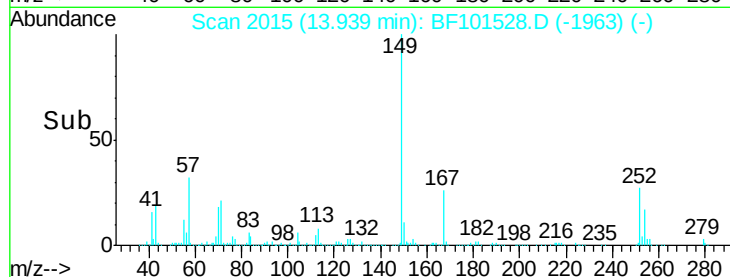
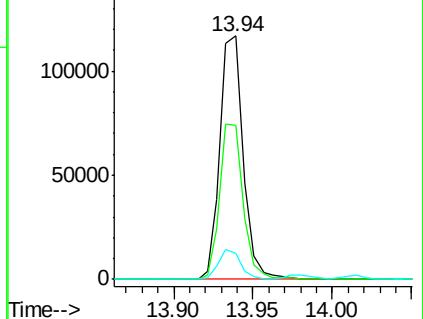
126 10.7 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.400 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

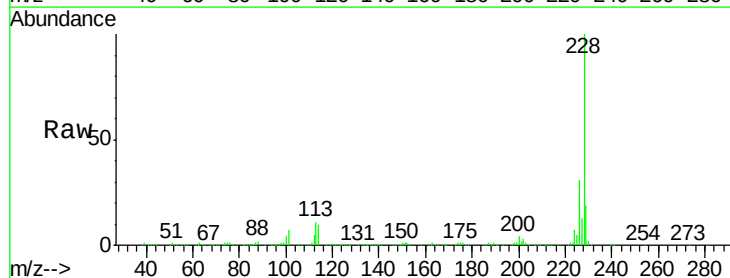
Tgt Ion:228 Resp: 573561

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

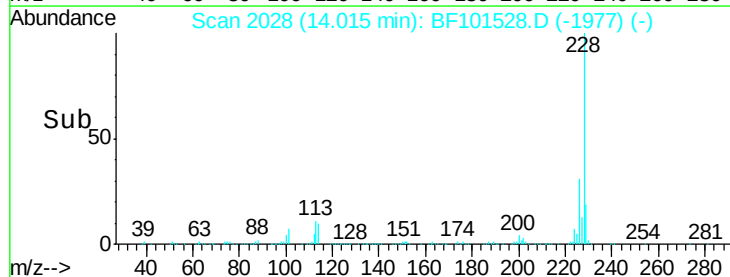
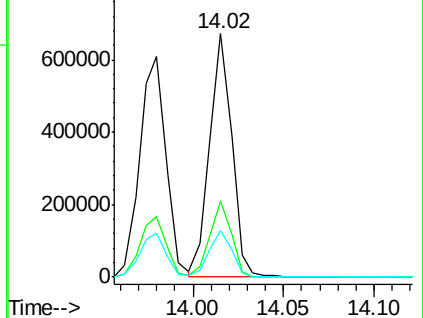
229 19.2 16.2 24.4

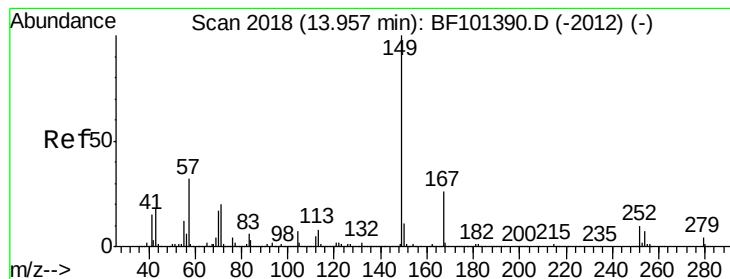


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.355 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

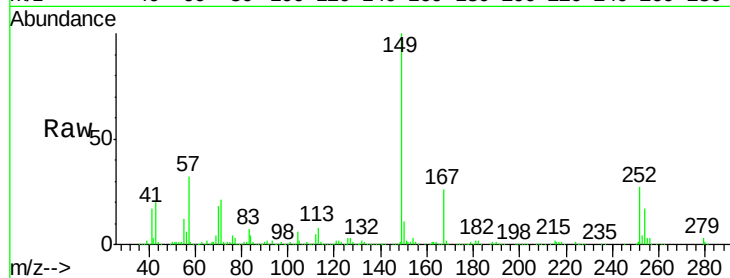
Tot Ion:149 Resp: 416382

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

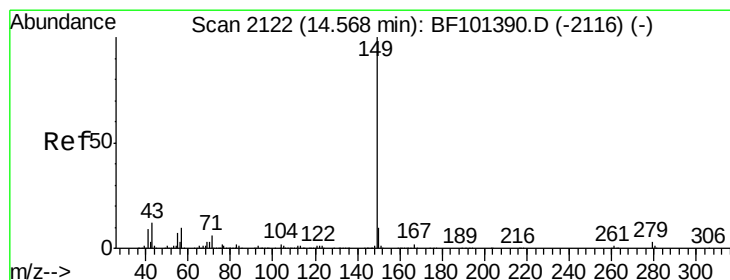
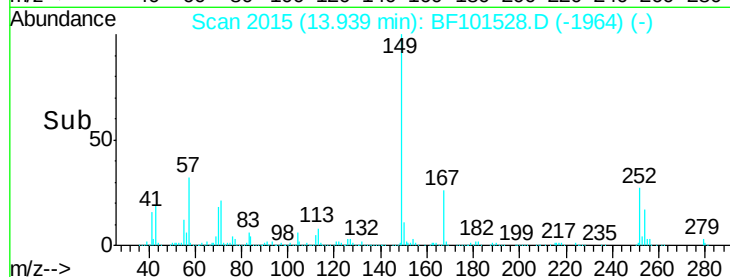
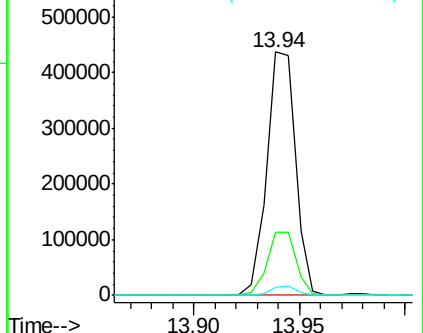
279 3.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.341 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

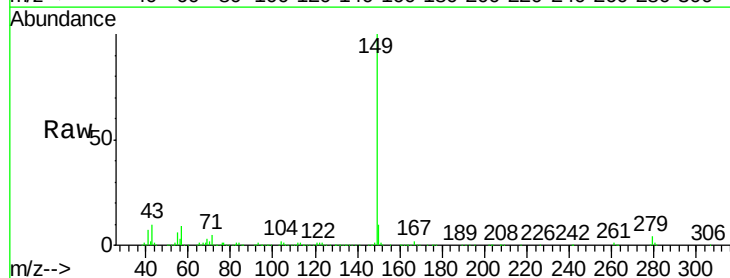
Tgt Ion:149 Resp: 685700

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

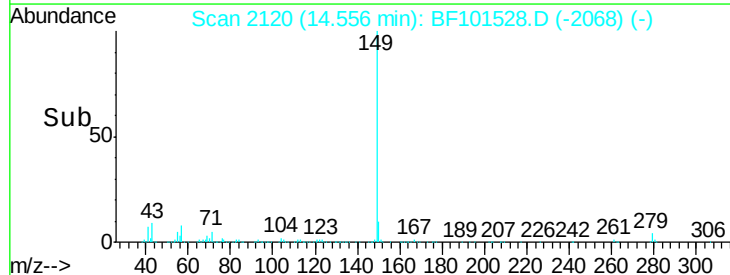
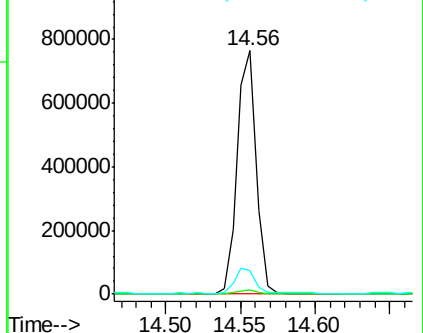
43 10.8 8.4 12.6

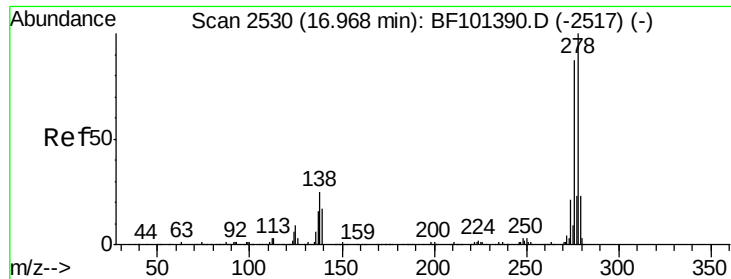


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

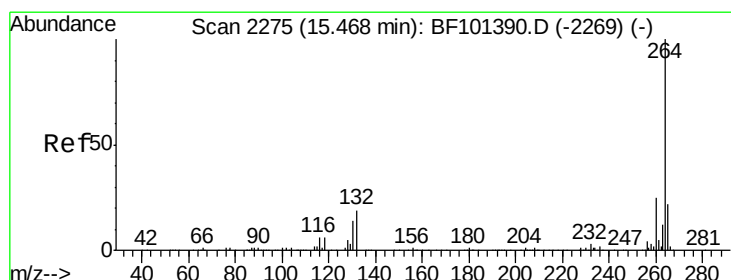
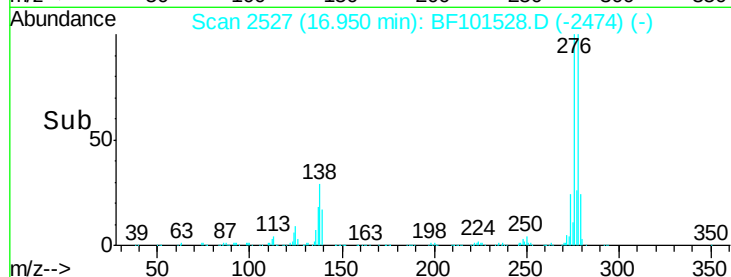
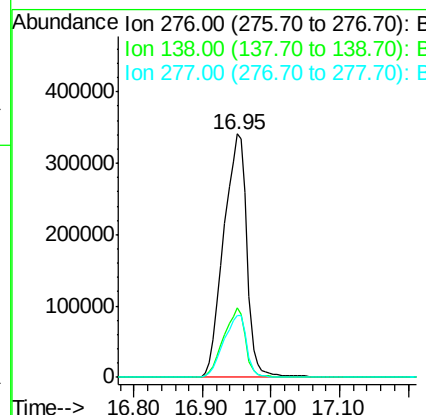
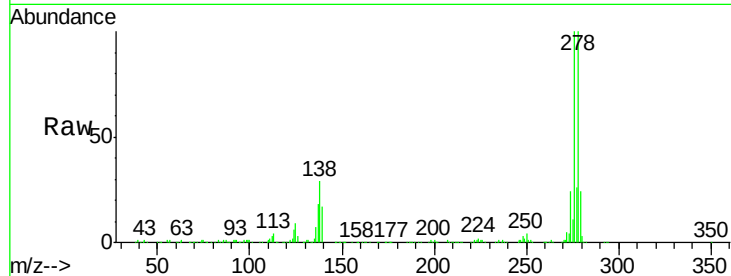




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.094 ng
 RT: 16.95 min Scan# 2527
 Delta R.T. 0.01 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

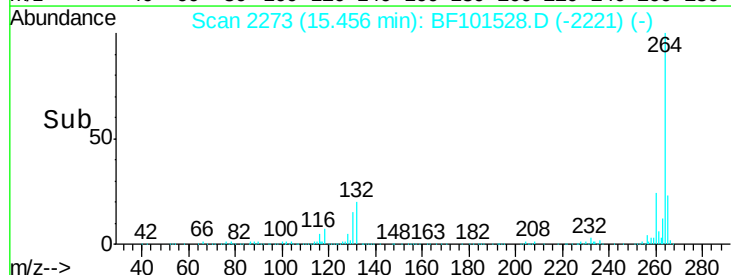
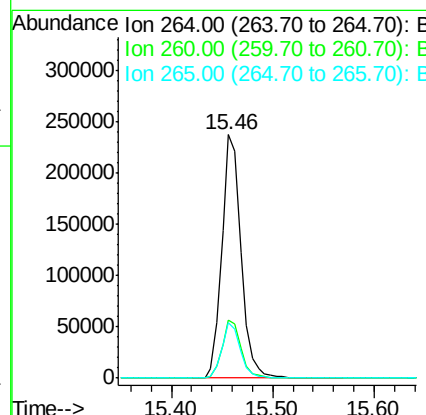
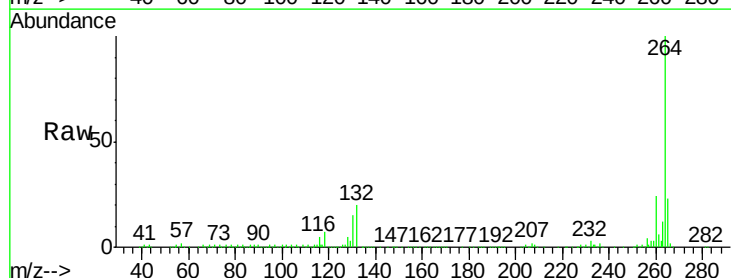
Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

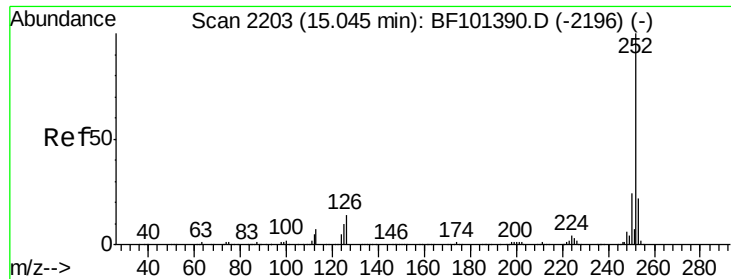
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	23.0	17.5	26.3

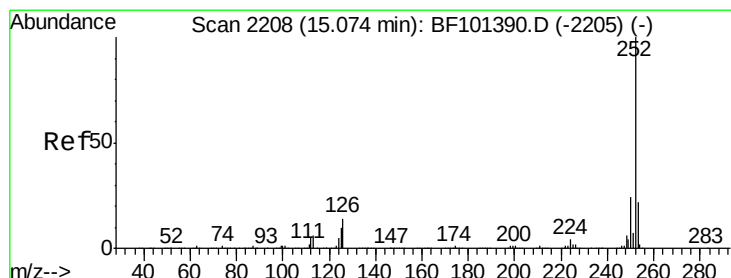
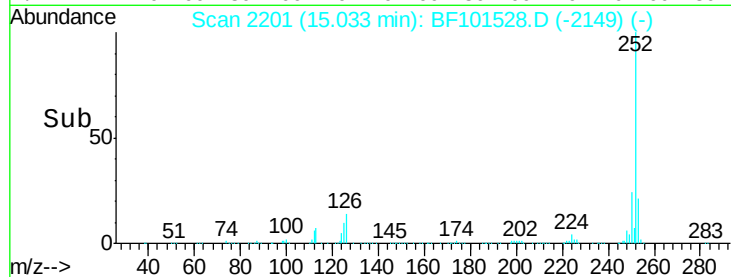
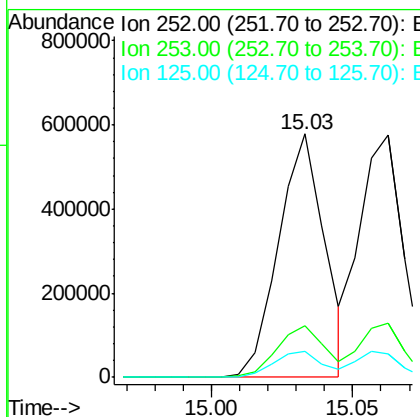
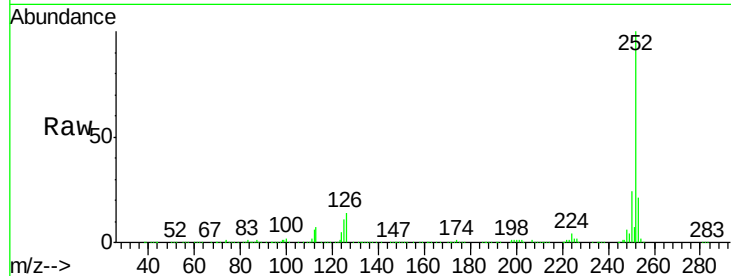




#87
Benzo(b)fluoranthene
Concen: 34.369 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

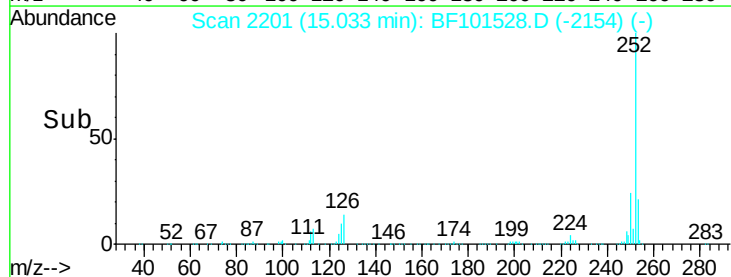
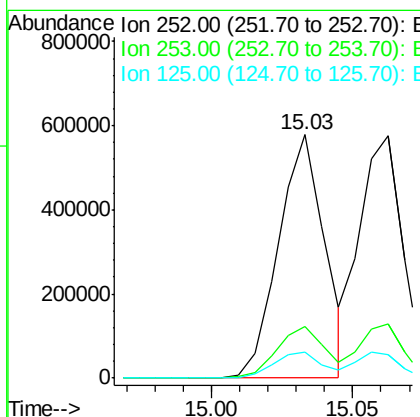
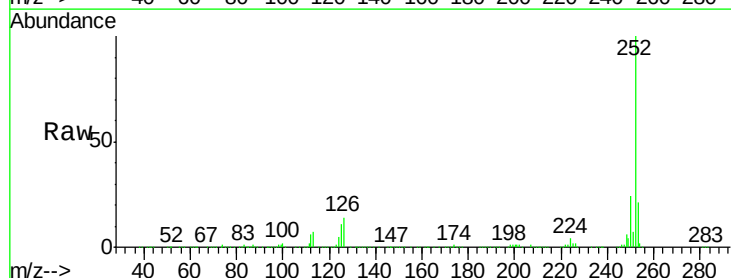
Instrument :
BNA_F
ClientSampleId :
VB16206-VB16211MS

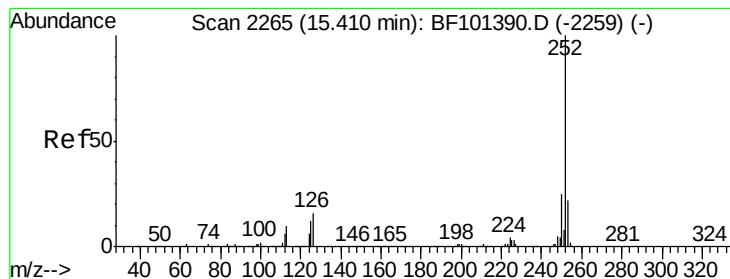
Tot Ion:252 Resp: 655984
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 10.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 35.349 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF101528.D
Acq: 19 Dec 2017 17:54

Tgt Ion:252 Resp: 655984
Ion Ratio Lower Upper
252 100
253 21.1 17.9 26.9
125 10.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 37.161 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

Instrument :

BNA_F

ClientSampleId :

VB16206-VB16211MS

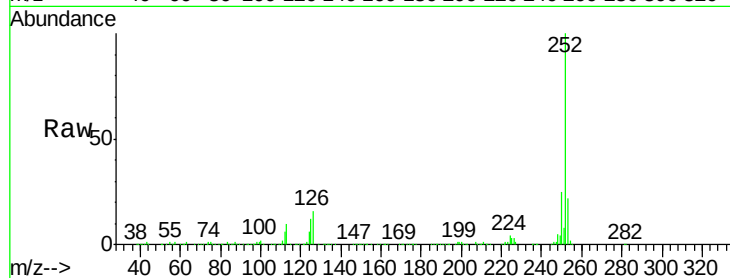
Tot Ion:252 Resp: 653848

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

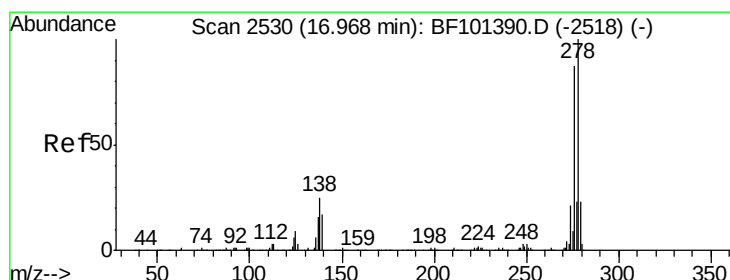
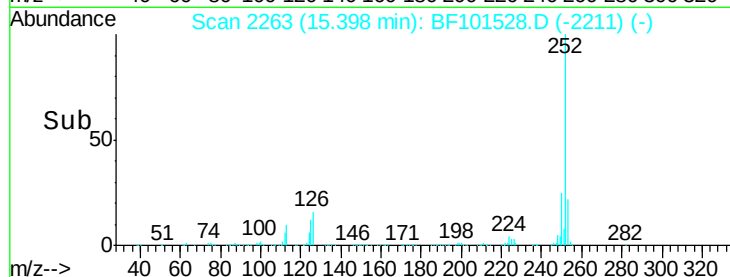
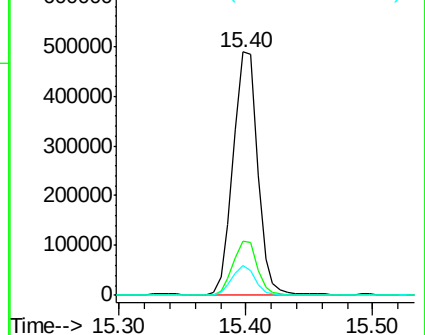
125 12.4 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 43.963 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BF101528.D

Acq: 19 Dec 2017 17:54

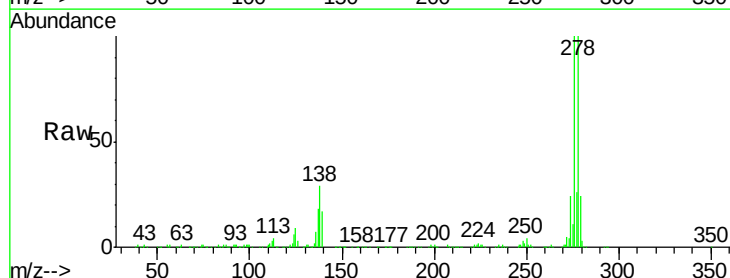
Tgt Ion:278 Resp: 664151

Ion Ratio Lower Upper

278 100

139 17.4 15.9 23.9

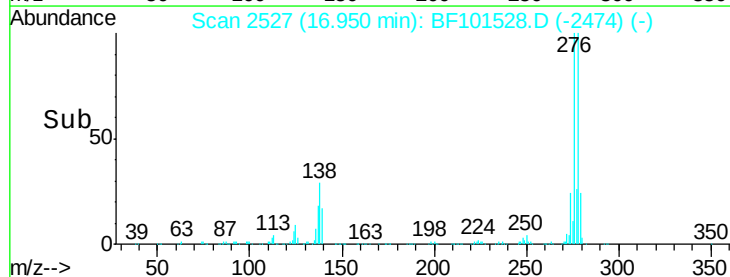
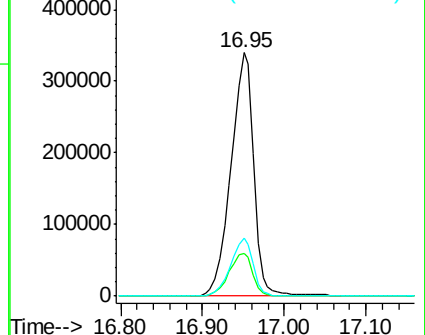
279 23.7 19.0 28.4

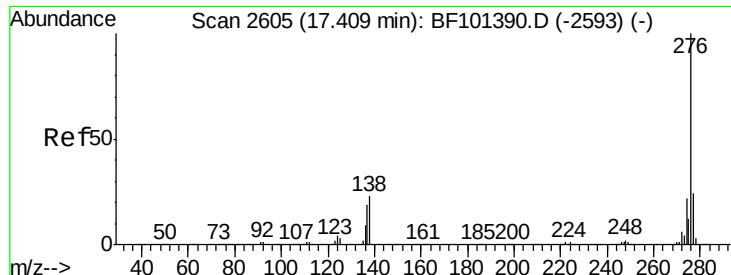


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 47.255 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. 0.02 min
 Lab File: BF101528.D
 Acq: 19 Dec 2017 17:54

Instrument :
 BNA_F
 ClientSampleId :
 VB16206-VB16211MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	22.1	21.8	32.8

