

Data Path : Z:\HPCHEM1\BNA_F\Data\BF120615\
 Data File : BF083546.D
 Acq On : 7 Dec 2015 6:49
 Operator : UM/IZ
 Sample : G4594-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 K204-0-2MSD

Quant Time: Dec 07 07:28:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	149188	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	554398	20.00	ng	-0.03
38) Acenaphthene-d10	10.43	164	253511	20.00	ng	-0.03
63) Phenanthrene-d10	12.82	188	387825	20.00	ng	-0.03
75) Chrysene-d12	17.05	240	279659	20.00	ng	0.00
86) Perylene-d12	18.67	264	260043	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.03	112	1144574	116.39	ng	0.00
7) Phenol-d6	5.31	99	1505983	111.15	ng	-0.01
23) Nitrobenzene-d5	6.57	82	964163	81.29	ng	-0.03
41) 2,4,6-Tribromophenol	11.72	330	229886	98.30	ng	-0.03
44) 2-Fluorobiphenyl	9.39	172	1347327	72.09	ng	-0.03
78) Terphenyl-d14	15.47	244	863299	68.69	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	151508	29.38	ng	# 93
3) Pyridine	2.30	79	146611	11.91	ng	# 28
4) n-Nitrosodimethylamine	2.28	42	241237	38.91	ng	98
6) Aniline	5.40	93	491892	27.89	ng	# 52
8) 2-Chlorophenol	5.46	128	392205	35.86	ng	99
9) Benzaldehyde	5.13	77	209888	27.02	ng	# 80
10) Phenol	5.33	94	598831	37.80	ng	# 74
11) bis(2-Chloroethyl)ether	5.40	93	491892	41.89	ng	97
12) 1,3-Dichlorobenzene	5.65	146	423583	34.92	ng	99
13) 1,4-Dichlorobenzene	5.76	146	437129	35.29	ng	99
14) 1,2-Dichlorobenzene	5.97	146	402636	35.35	ng	99
15) Benzyl Alcohol	5.98	79	397104	42.25	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.17	45	781445	35.90	ng	82
17) 2-Methylphenol	6.18	107	327914	36.33	ng	95
18) Hexachloroethane	6.45	117	171265	39.62	ng	# 81
19) n-Nitroso-di-n-propylamine	6.37	70	344770	38.14	ng	94
20) 3+4-Methylphenols	6.42	107	442863	37.77	ng	93
22) Acetophenone	6.35	105	660962	41.39	ng	# 98
24) Nitrobenzene	6.59	77	485484	37.17	ng	99
25) Isophorone	6.97	82	859473	37.73	ng	97
26) 2-Nitrophenol	7.07	139	200465	38.89	ng	92
27) 2,4-Dimethylphenol	7.20	122	324004	35.58	ng	95
28) bis(2-Chloroethoxy)methane	7.32	93	537512	42.35	ng	98
29) 2,4-Dichlorophenol	7.47	162	321373	39.08	ng	95
30) 1,2,4-Trichlorobenzene	7.56	180	335090	36.85	ng	99
31) Naphthalene	7.68	128	1496514	50.71	ng	99
32) Benzoic acid	7.47	122	150695	30.70	ng	92
33) 4-Chloroaniline	7.82	127	39634	3.43	ng	# 83
34) Hexachlorobutadiene	7.88	225	197432	36.75	ng	98
35) Caprolactam	8.41	113	103727	39.66	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	336508	36.36	ng	87
37) 2-Methylnaphthalene	8.77	142	813592	44.59	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	314160	37.69	ng	# 100
42) 2,4,6-Trichlorophenol	9.26	196	207508	39.65	ng	98

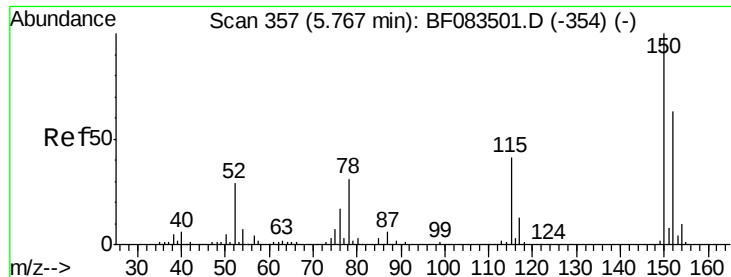
Data Path : Z:\HPCHEM1\BNA_F\Data\BF120615\
 Data File : BF083546.D
 Acq On : 7 Dec 2015 6:49
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Quant Time: Dec 07 07:28:58 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.34	196	214018	39.70	ng	95
45) 1,1'-Biphenyl	9.54	154	825693	36.65	ng	99
46) 2-Chloronaphthalene	9.55	162	631208	37.18	ng	98
47) 2-Nitroaniline	9.76	65	235791	38.99	ng	93
48) Acenaphthylene	10.21	152	2096769	75.43	ng	99
49) Dimethylphthalate	10.09	163	1227732	61.53	ng	100
50) 2,6-Dinitrotoluene	10.17	165	142930	34.02	ng	97
51) Acenaphthene	10.49	154	622292	38.90	ng	100
52) 3-Nitroaniline	10.43	138	57240	12.64	ng	# 96
53) 2,4-Dinitrophenol	10.62	184	66996	35.61	ng	91
54) Dibenzofuran	10.77	168	962388	43.43	ng	99
55) 4-Nitrophenol	10.82	139	191724	75.15	ng	85
56) 2,4-Dinitrotoluene	10.82	165	182045	33.18	ng	# 88
57) Fluorene	11.32	166	894798	46.41	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.00	232	162195	40.22	ng	# 100
59) Diethylphthalate	11.23	149	732432	38.15	ng	98
60) 4-Chlorophenyl-phenylether	11.36	204	320819	34.72	ng	90
61) 4-Nitroaniline	11.42	138	78089	19.03	ng	85
62) Azobenzene	11.61	77	258601	12.62	ng	90
64) 4,6-Dinitro-2-methylphenol	11.48	198	47720	20.39	ng	# 59
65) n-Nitrosodiphenylamine	11.56	169	573768	44.69	ng	99
66) 4-Bromophenyl-phenylether	12.13	248	172288	40.65	ng	94
67) Hexachlorobenzene	12.21	284	180542	39.85	ng	91
68) Atrazine	12.48	200	60833	15.67	ng	96
69) Pentachlorophenol	12.57	266	181855	87.85	ng	97
70) Phenanthrene	12.88	178	2358411	104.47	ng	98
71) Anthracene	12.96	178	1587737	68.96	ng	98
72) Carbazole	13.25	167	816106	41.28	ng	99
73) Di-n-butylphthalate	13.88	149	985988	41.41	ng	99
74) Fluoranthene	14.82	202	3768160	168.42	ng	96
77) Pyrene	15.19	202	4641482	221.87	ng	97
79) Butylbenzylphthalate	16.31	149	345015	41.94	ng	97
80) Benzo(a)anthracene	17.04	228	3046448	186.19	ng	94
81) 3,3'-Dichlorobenzidine	17.05	252	12537	2.40	ng	# 67
82) Chrysene	17.09	228	2530917	155.27	ng	96
83) Bis(2-ethylhexyl)phthalate	17.15	149	493172	45.68	ng	100
84) Di-n-octyl phthalate	17.91	149	816222	53.02	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.94	276	1542040	110.36	ng	# 100
87) Benzo(b)fluoranthene	18.31	252	3658198	250.49	ng	# 96
88) Benzo(k)fluoranthene	18.31	252	3658198	244.53	ng	98
89) Benzo(a)pyrene	18.63	252	2066025	145.44	ng	98
90) Dibenzo(a,h)anthracene	19.94	278	789738	57.78	ng	96
91) Benzo(g,h,i)perylene	20.29	276	1466600	106.49	ng	98

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

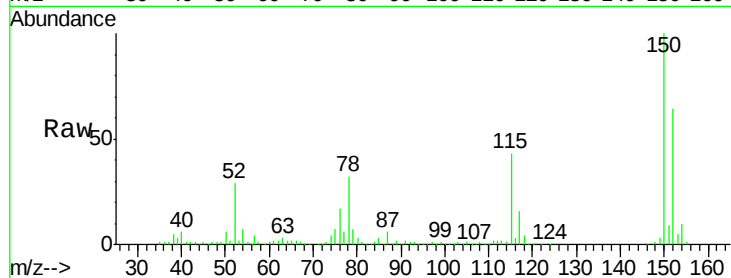


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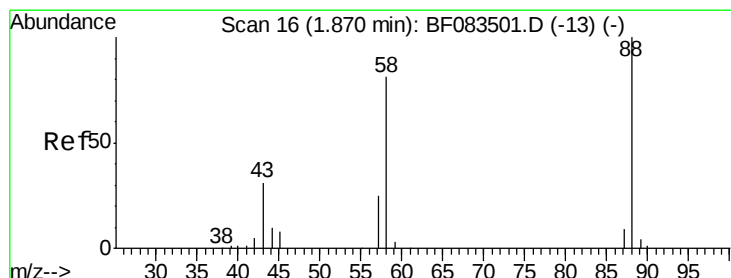
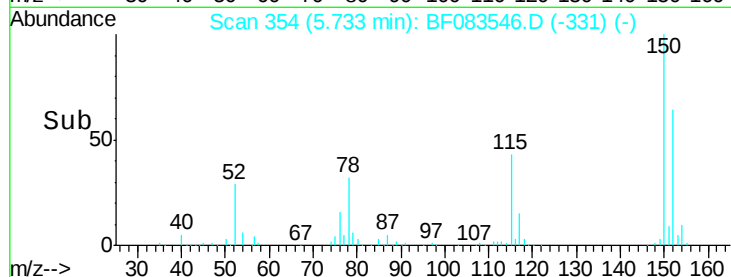
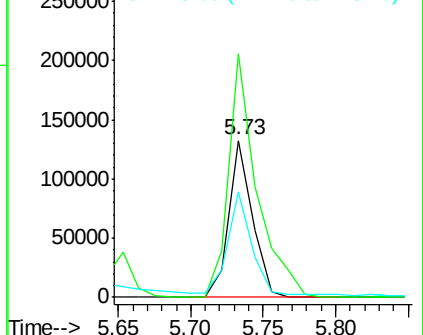
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

Instrument :
BNA_G
ClientSampleId :
K204-0-2MSD

Tgt Ion:152 Resp: 149188
Ion Ratio Lower Upper
152 100
150 155.1 126.5 189.7
115 66.8 52.3 78.5



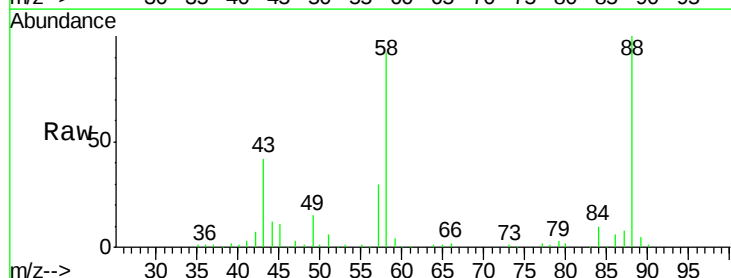
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



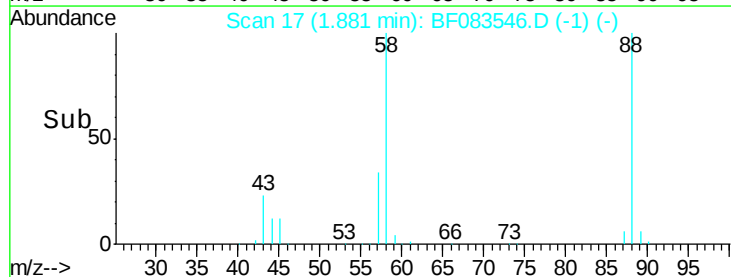
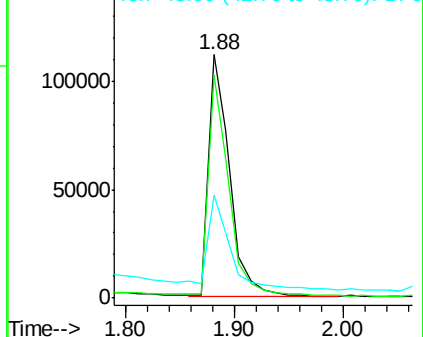
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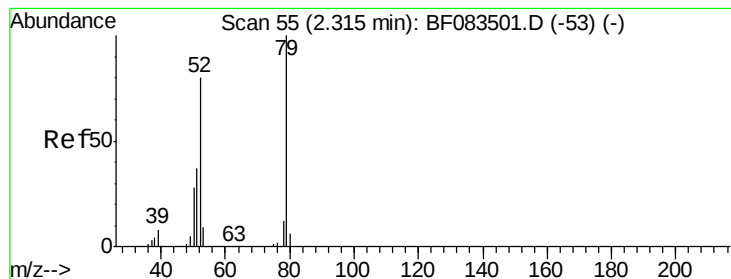
1,4-Dioxane
Concen: 29.38 ng
RT: 1.88 min Scan# 17
Delta R.T. 0.01 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

Tgt Ion: 88 Resp: 151508
Ion Ratio Lower Upper
88 100
58 88.1 68.0 102.0
43 43.8 27.9 41.9#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.91 ng

RT: 2.30 min Scan# 54

Delta R.T. -0.01 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

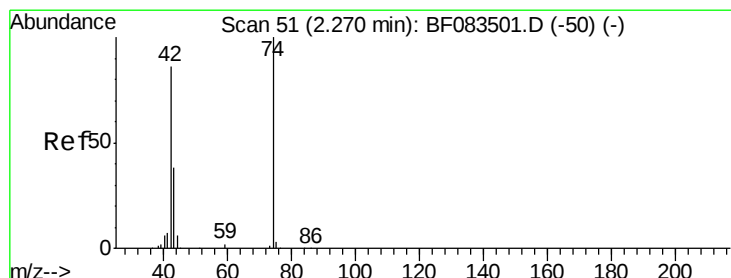
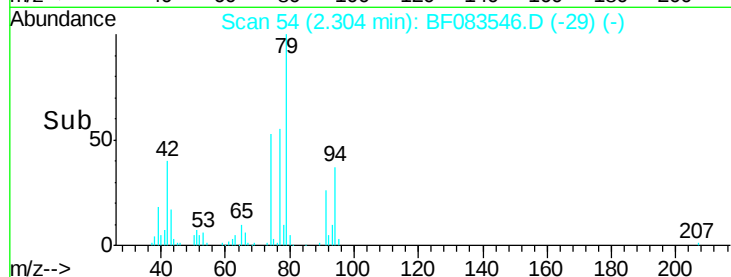
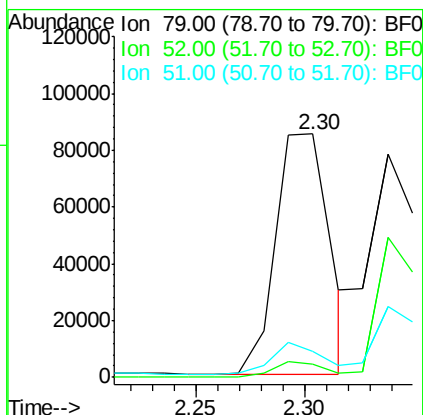
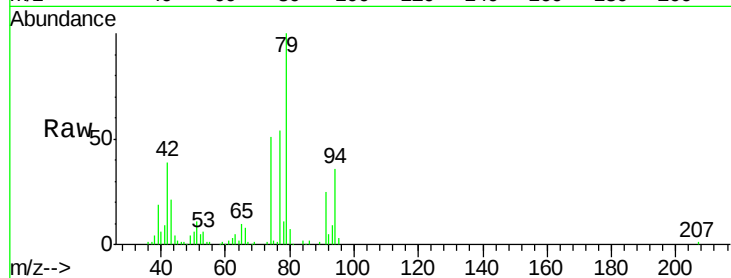
Tgt Ion: 79 Resp: 146611

Ion Ratio Lower Upper

79 100

52 5.3 63.7 95.5#

51 10.8 30.6 45.8#



#4

n-Nitrosodimethylamine

Concen: 38.91 ng

RT: 2.28 min Scan# 52

Delta R.T. 0.01 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

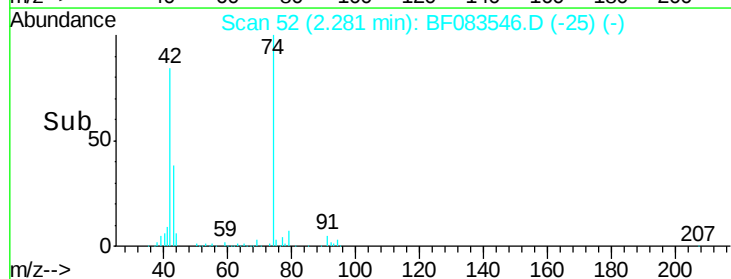
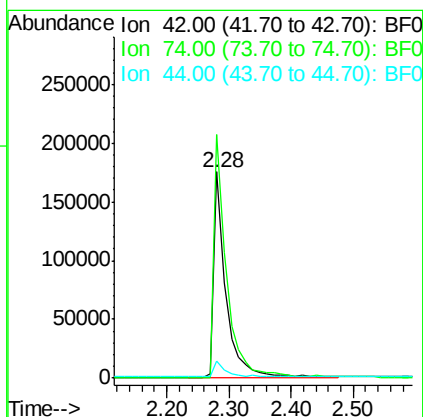
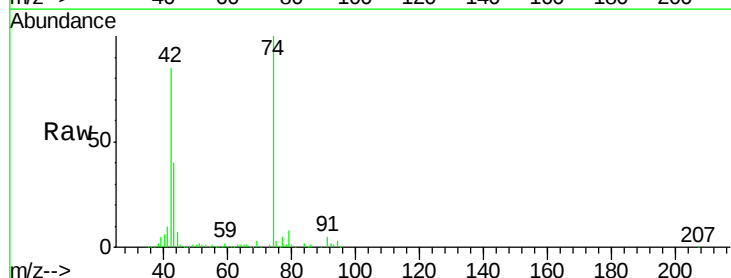
Tgt Ion: 42 Resp: 241237

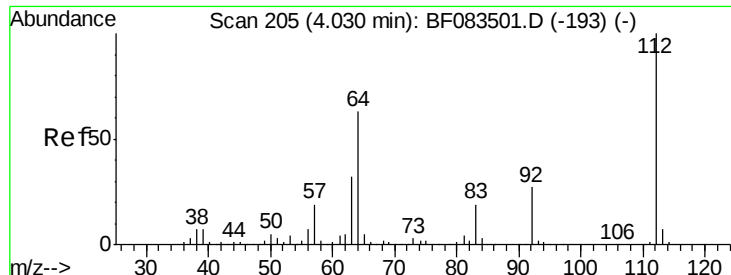
Ion Ratio Lower Upper

42 100

74 118.1 92.9 139.3

44 8.1 5.7 8.5





#5

2-Fluorophenol

Concen: 116.39 ng

RT: 4.03 min Scan# 205

Delta R.T. 0.00 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

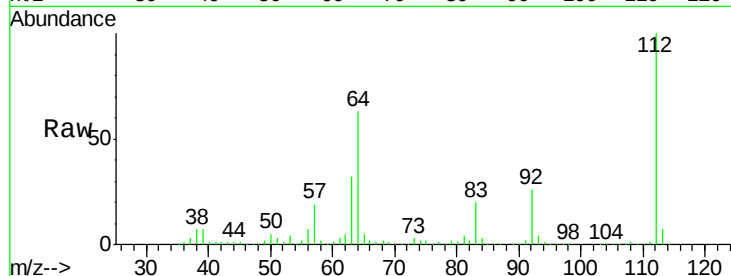
Tgt Ion: 112 Resp: 1144574

Ion Ratio Lower Upper

112 100

64 62.6 50.5 75.7

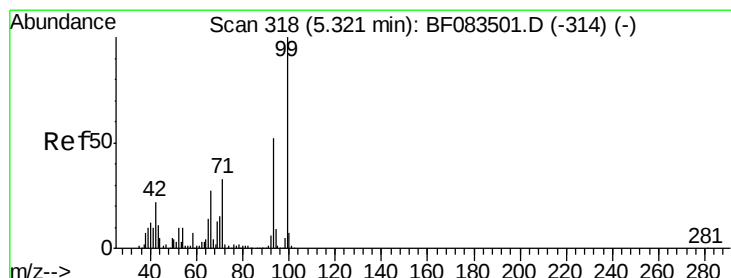
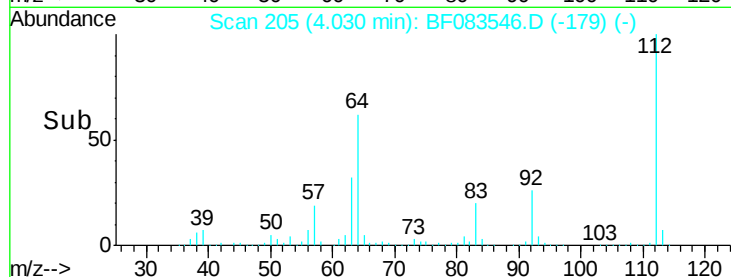
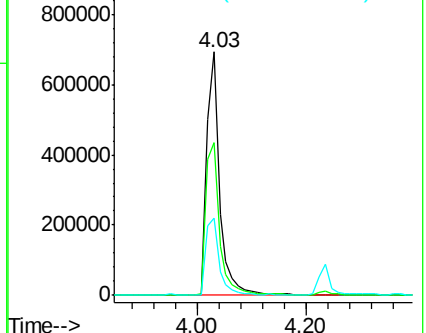
63 31.6 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.89 ng

RT: 5.40 min Scan# 325

Delta R.T. 0.08 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

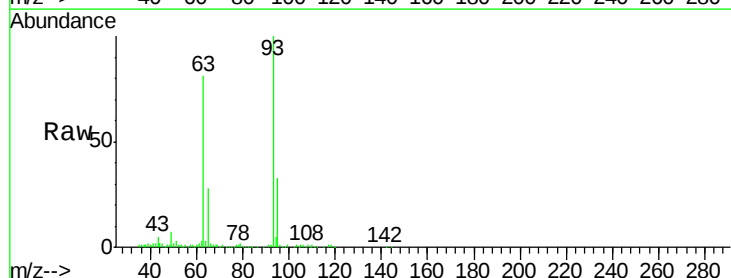
Tgt Ion: 93 Resp: 491892

Ion Ratio Lower Upper

93 100

66 2.2 41.3 61.9#

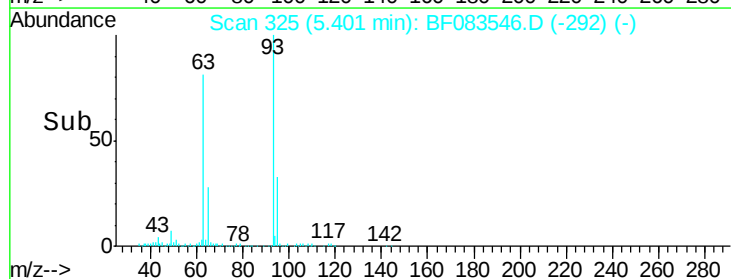
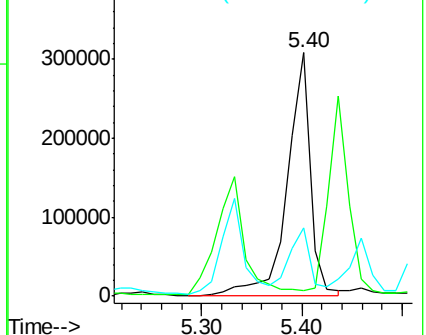
65 28.0 20.8 31.2

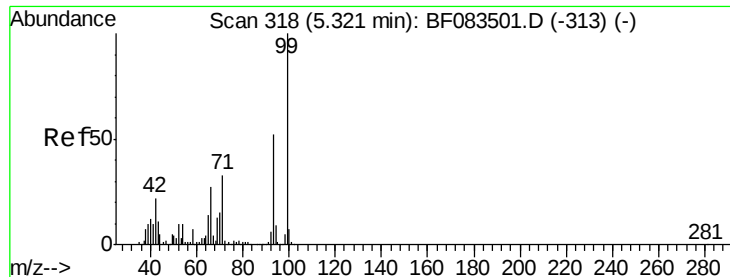


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.15 ng

RT: 5.31 min Scan# 317

Delta R.T. -0.01 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

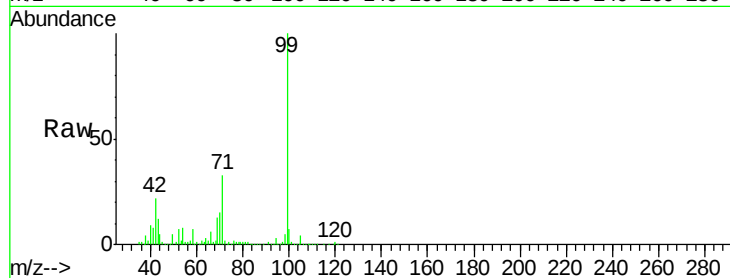
Tgt Ion: 99 Resp: 1505983

Ion Ratio Lower Upper

99 100

42 21.8 17.3 25.9

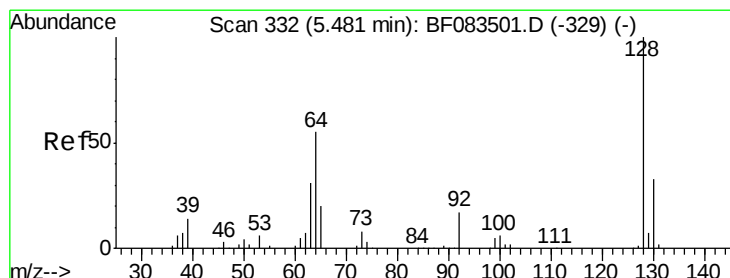
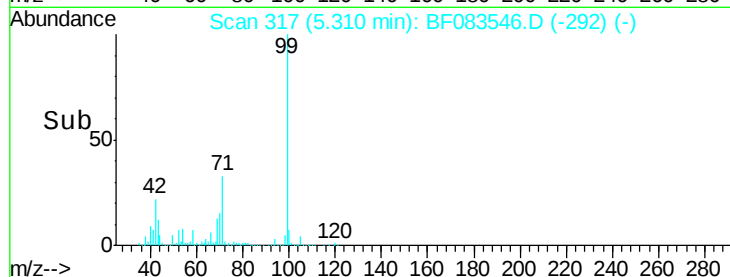
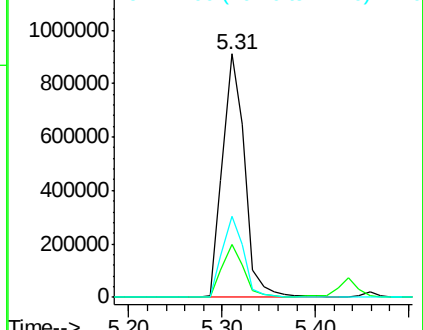
71 33.5 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.86 ng

RT: 5.46 min Scan# 330

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

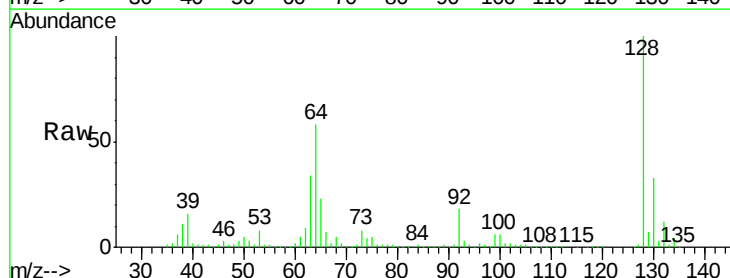
Tgt Ion: 128 Resp: 392205

Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

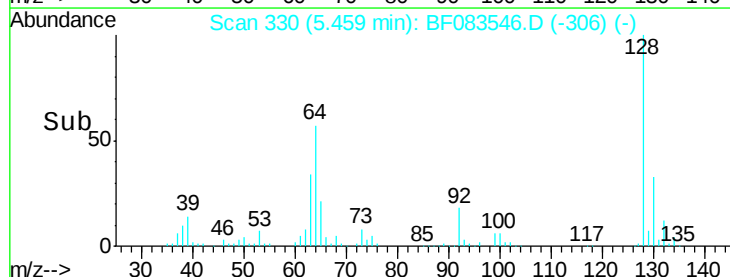
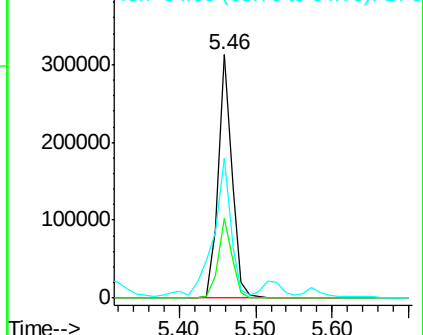
64 57.6 38.6 78.6

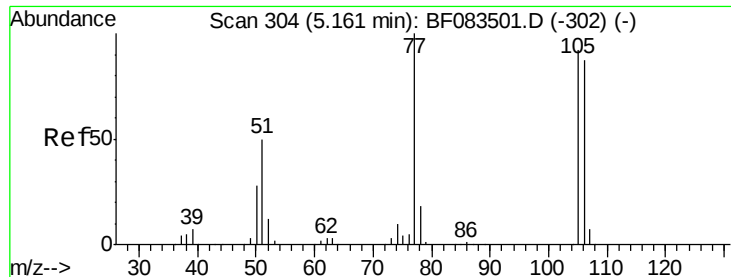


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.02 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

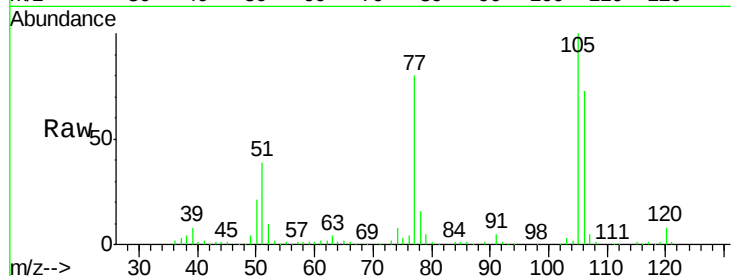
Tgt Ion: 77 Resp: 209888

Ion Ratio Lower Upper

77 100

105 124.8 71.8 111.8#

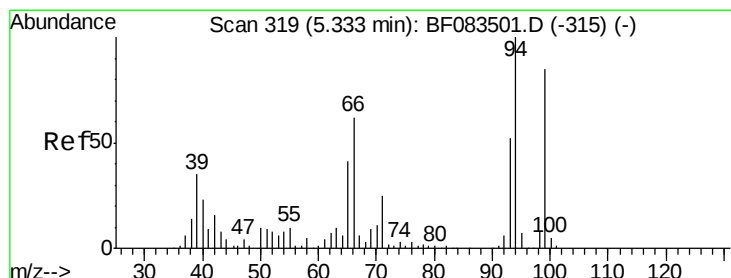
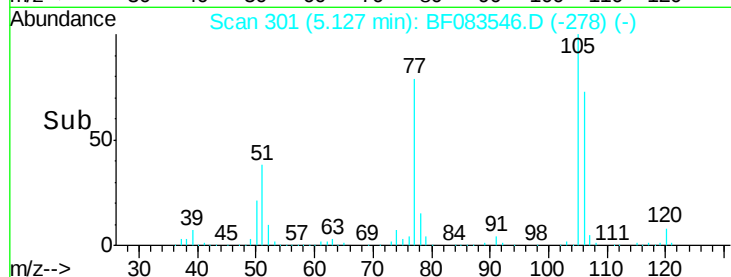
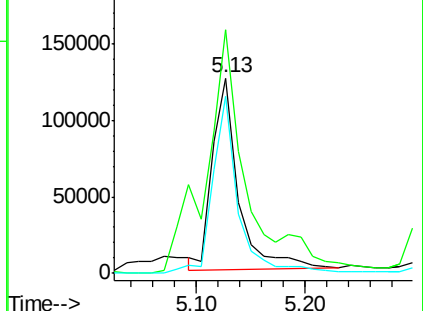
106 90.9 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 37.80 ng

RT: 5.33 min Scan# 319

Delta R.T. 0.00 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

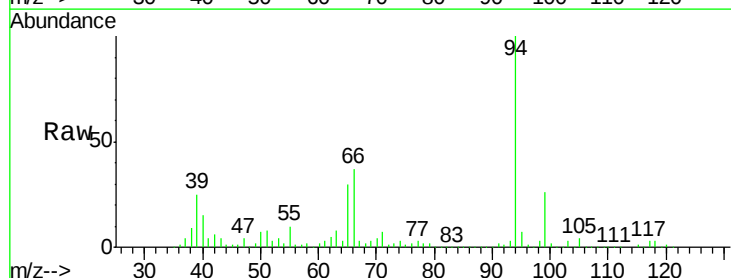
Tgt Ion: 94 Resp: 598831

Ion Ratio Lower Upper

94 100

65 30.2 20.9 60.9

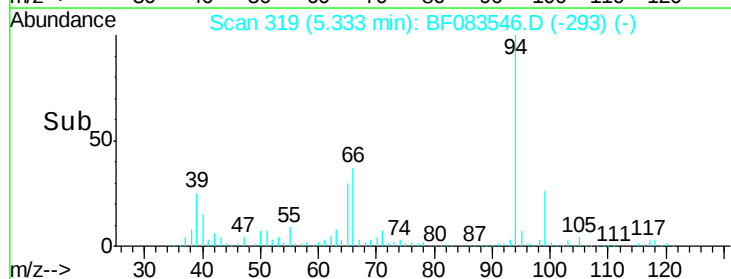
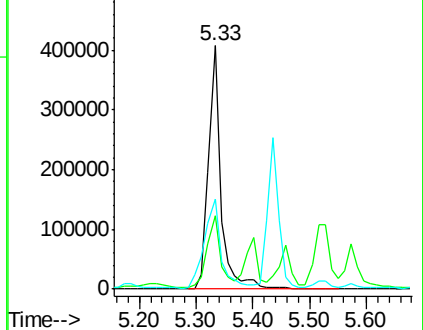
66 37.2 41.6 81.6#

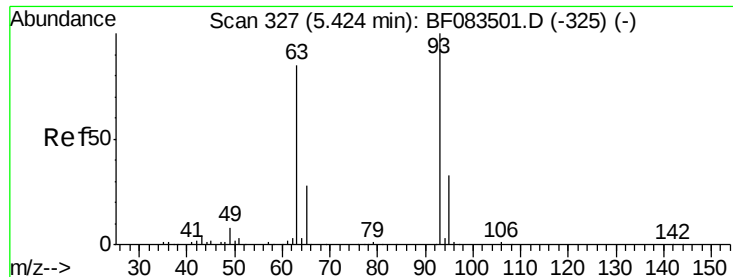


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.89 ng

RT: 5.40 min Scan# 325

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

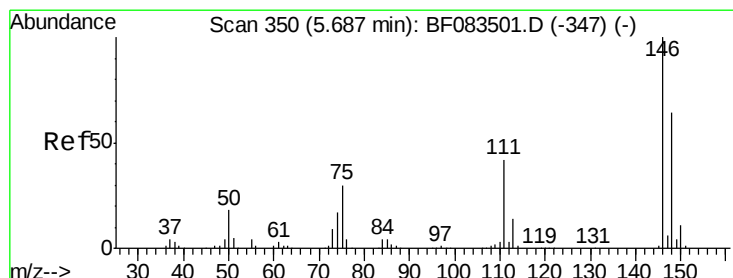
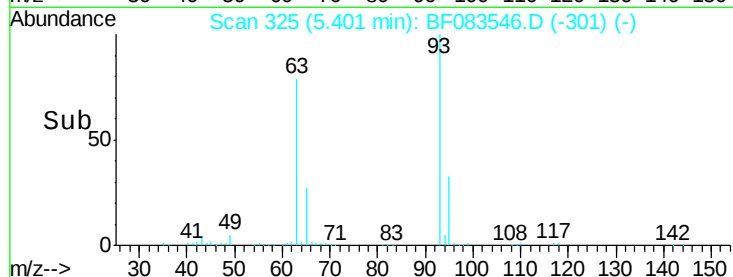
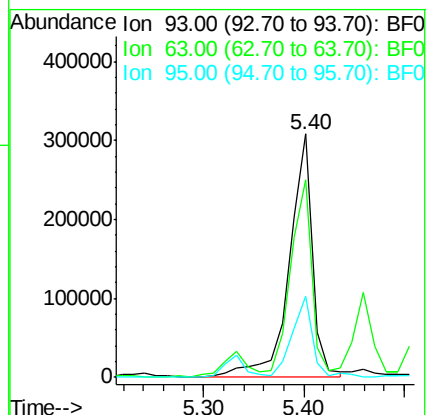
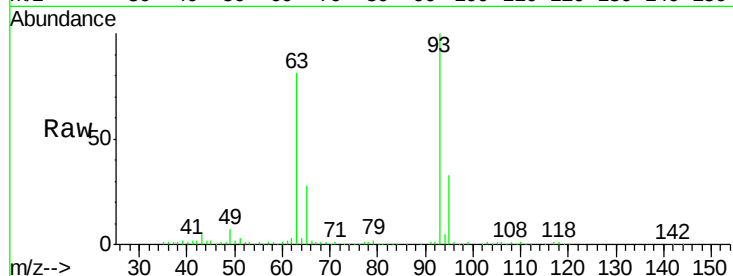
Tgt Ion: 93 Resp: 491892

Ion Ratio Lower Upper

93 100

63 81.0 64.7 104.7

95 33.1 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 34.92 ng

RT: 5.65 min Scan# 347

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

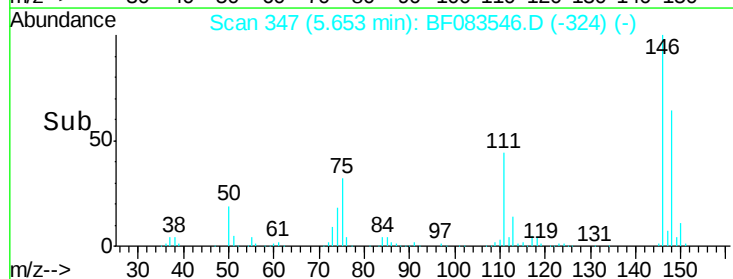
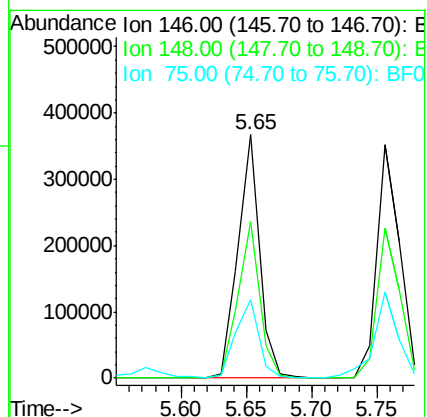
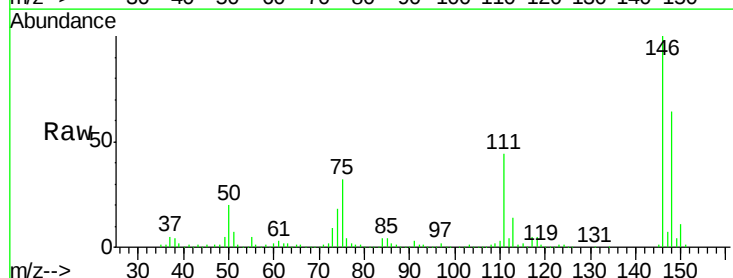
Tgt Ion: 146 Resp: 423583

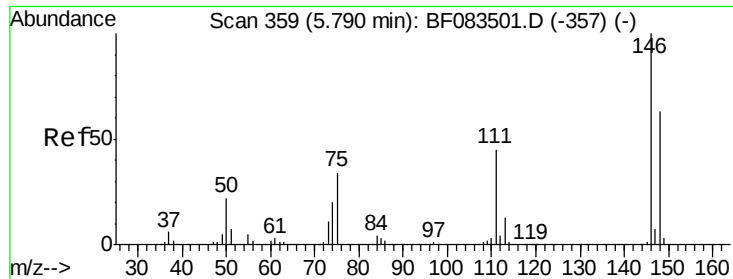
Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

75 32.1 24.1 36.1

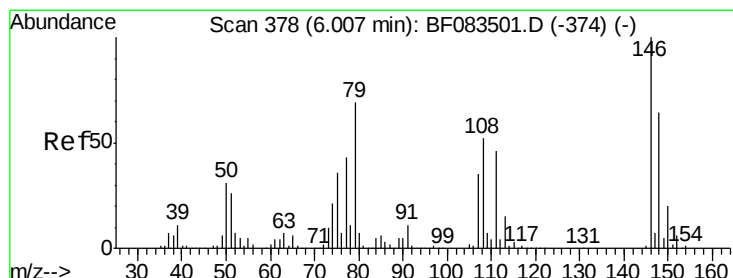
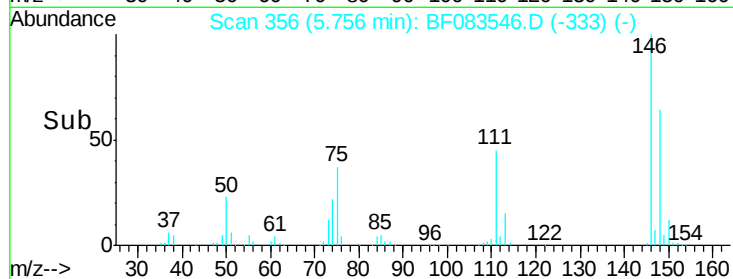
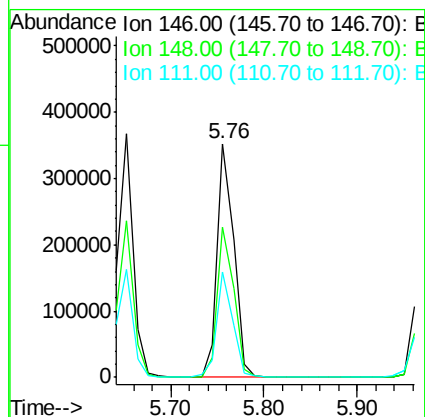
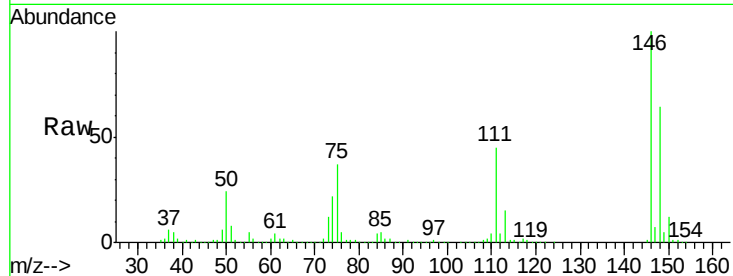




#13
 1,4-Dichlorobenzene
 Concen: 35.29 ng
 RT: 5.76 min Scan# 356
 Delta R.T. -0.03 min
 Lab File: BF083546.D
 Acq: 7 Dec 2015 6:49

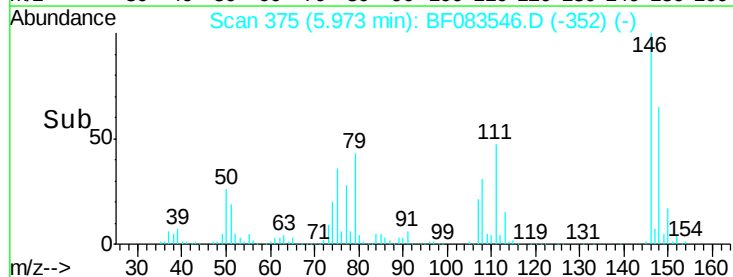
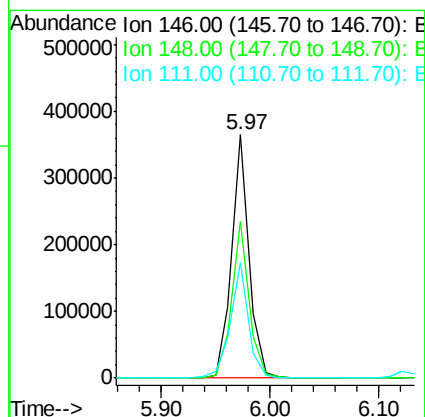
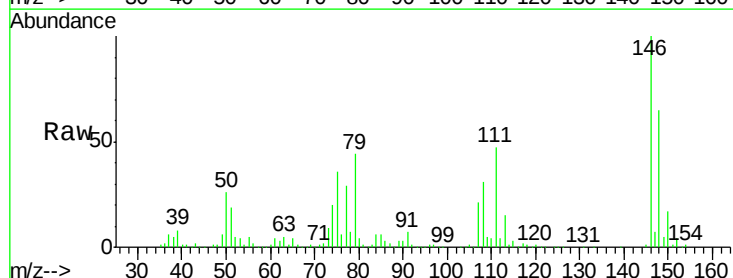
Instrument :
 BNA_G
 ClientSampleId :
 K204-0-2MSD

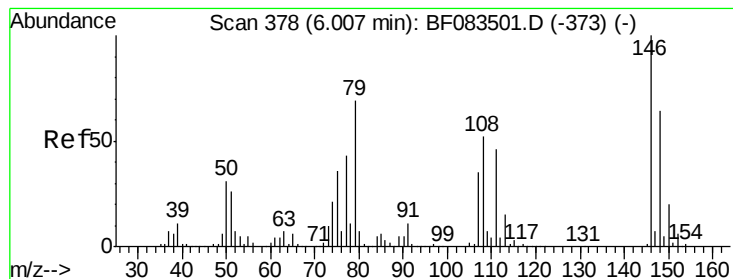
Tgt Ion:146 Resp: 437129
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 76.0
 111 45.3 36.1 54.1



#14
 1,2-Dichlorobenzene
 Concen: 35.35 ng
 RT: 5.97 min Scan# 375
 Delta R.T. -0.03 min
 Lab File: BF083546.D
 Acq: 7 Dec 2015 6:49

Tgt Ion:146 Resp: 402636
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.4 77.0
 111 47.5 36.7 55.1





#15

Benzyl Alcohol

Concen: 42.25 ng

RT: 5.98 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

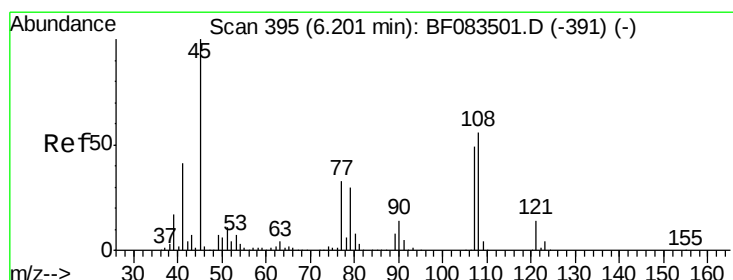
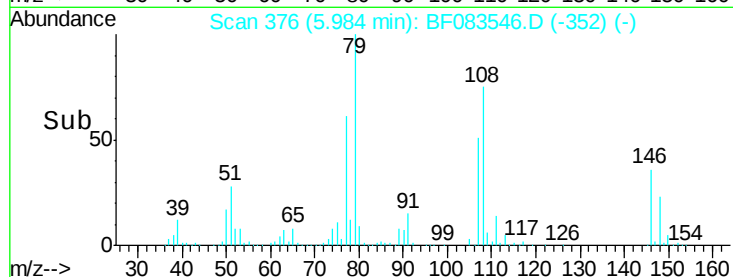
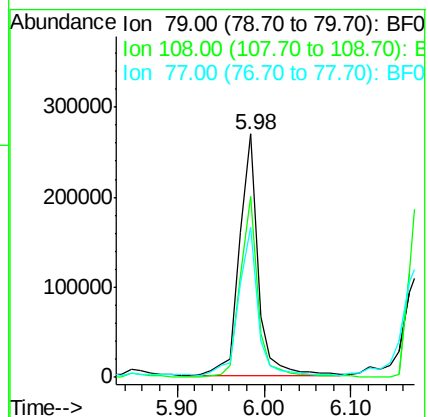
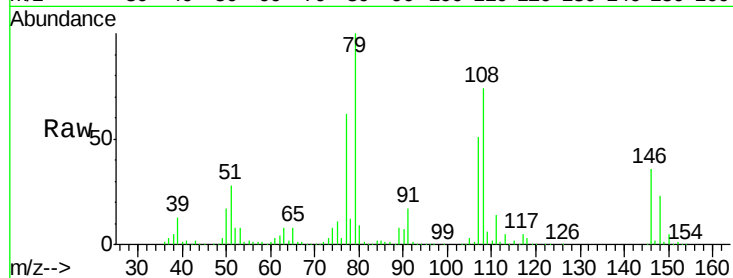
Tgt Ion: 79 Resp: 397104

Ion Ratio Lower Upper

79 100

108 74.5 59.6 89.4

77 61.5 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.90 ng

RT: 6.17 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

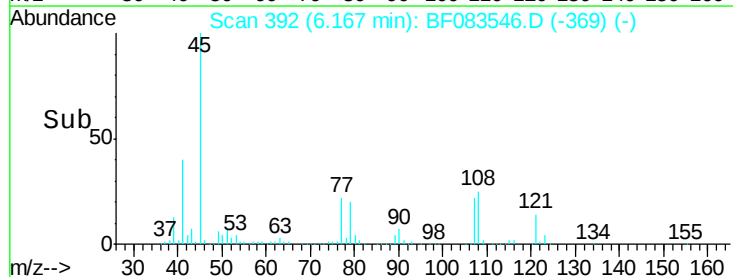
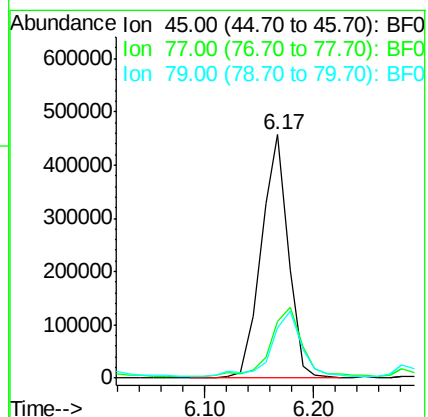
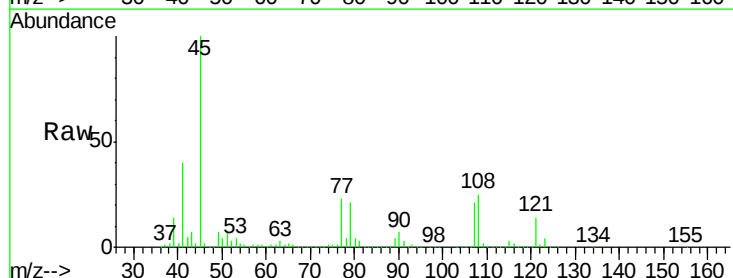
Tgt Ion: 45 Resp: 781445

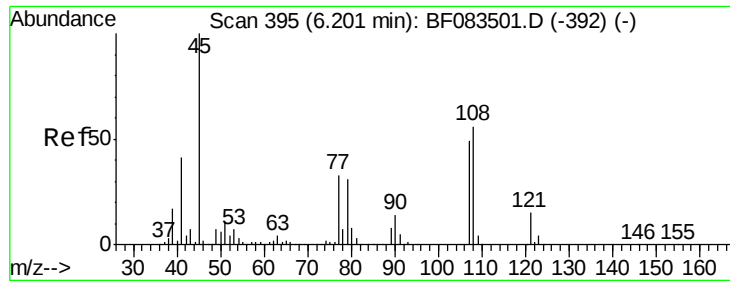
Ion Ratio Lower Upper

45 100

77 23.2 12.8 52.8

79 20.7 10.7 50.7





#17

2-Methylphenol

Concen: 36.33 ng

RT: 6.18 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

Tgt Ion:107 Resp: 327914

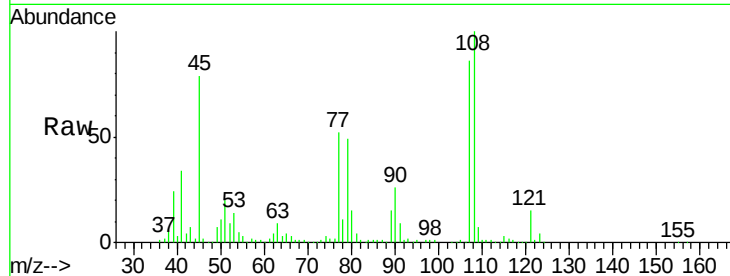
Ion Ratio Lower Upper

107 100

108 116.5 91.6 137.4

77 60.4 53.7 80.5

79 57.2 50.2 75.4

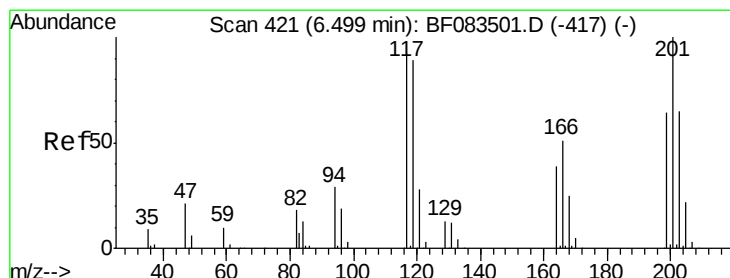
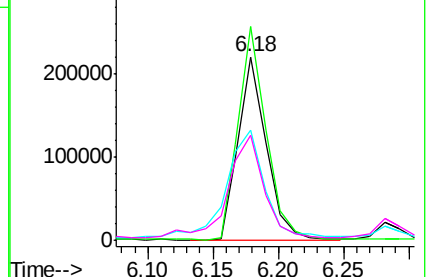
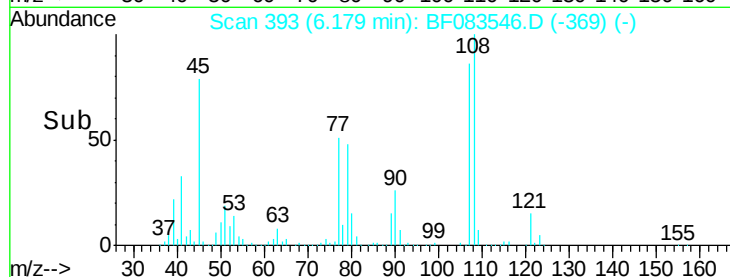


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.62 ng

RT: 6.45 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

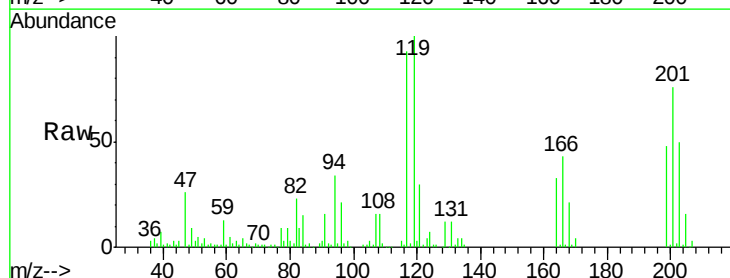
Tgt Ion:117 Resp: 171265

Ion Ratio Lower Upper

117 100

119 107.9 77.2 115.8

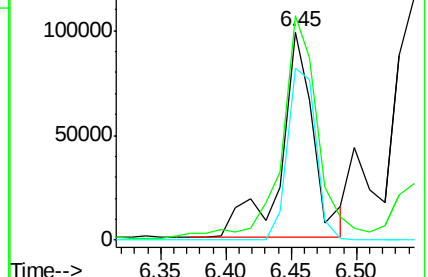
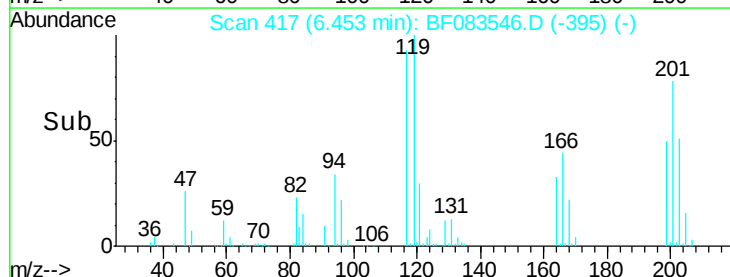
201 82.4 86.8 130.2#

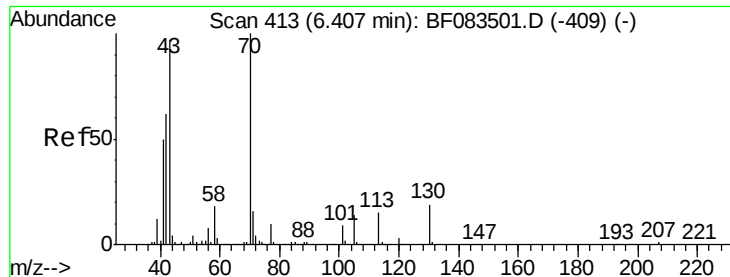


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

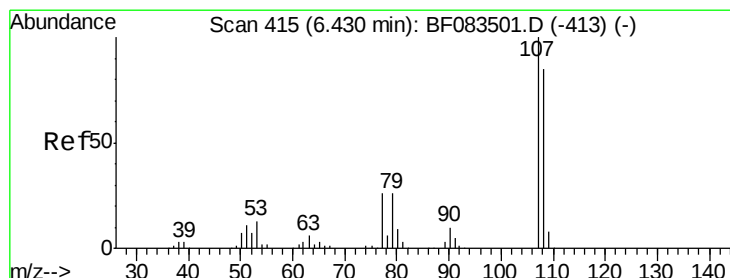
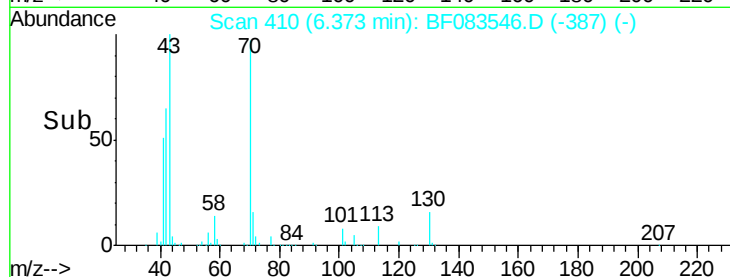
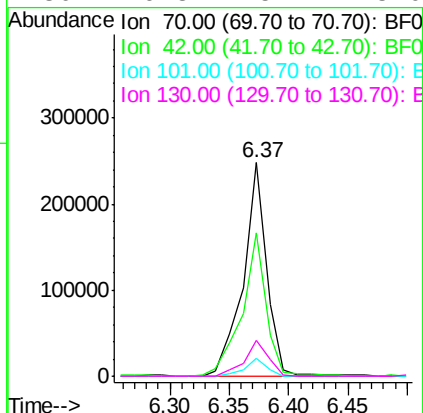
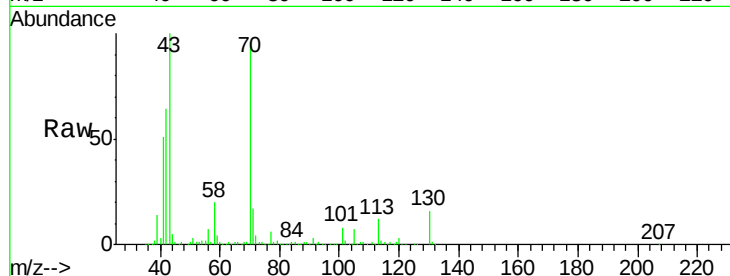




#19
n-Nitroso-di-n-propylamine
Concen: 38.14 ng
RT: 6.37 min Scan# 410
Delta R.T. -0.03 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

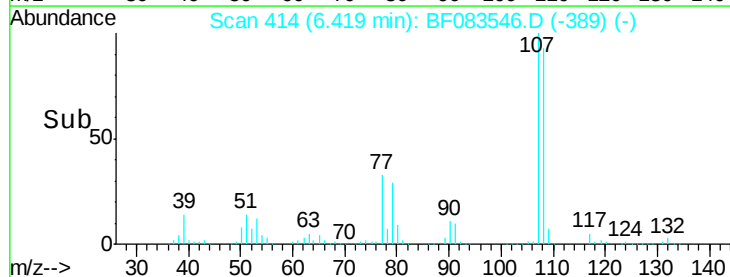
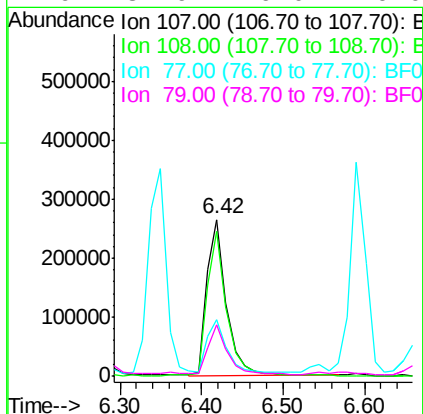
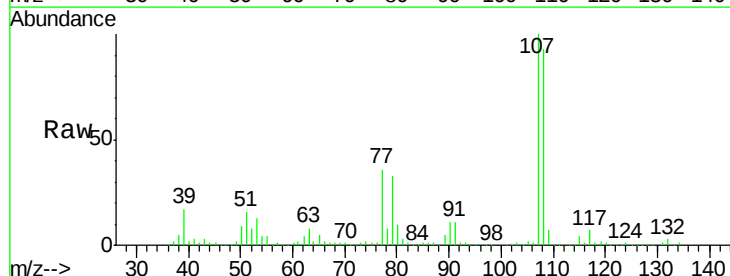
Instrument :
BNA_G
ClientSampleId :
K204-0-2MSD

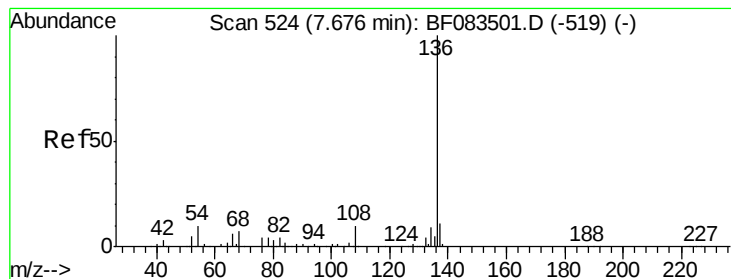
Tgt Ion:	70	Resp:	344770
Ion	Ratio	Lower	Upper
70	100		
42	66.9	49.2	73.8
101	8.3	7.1	10.7
130	16.8	15.4	23.0



#20
3+4-Methylphenols
Concen: 37.77 ng
RT: 6.42 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

Tgt Ion:	107	Resp:	442863
Ion	Ratio	Lower	Upper
107	100		
108	92.6	65.2	105.2
77	36.1	15.2	55.2
79	32.9	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 521

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

Tgt Ion:136 Resp: 554398

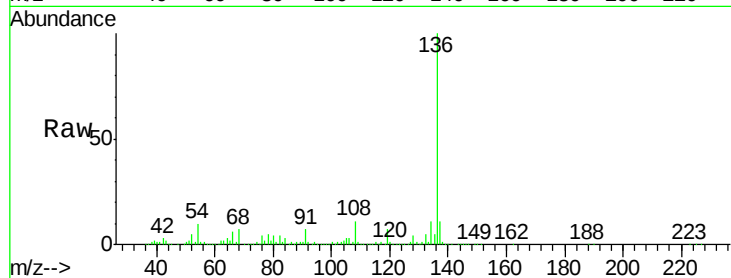
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.8 7.8 11.6

68 7.3 5.7 8.5

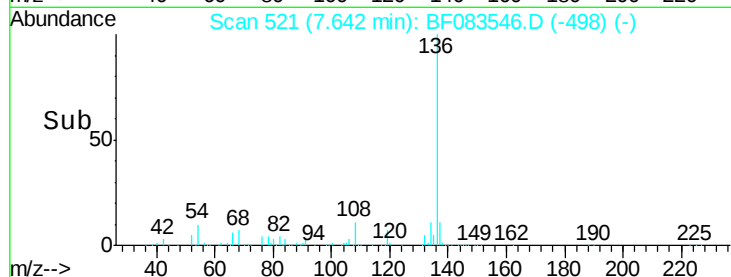


Abundance Ion 136.00 (135.70 to 136.70): E

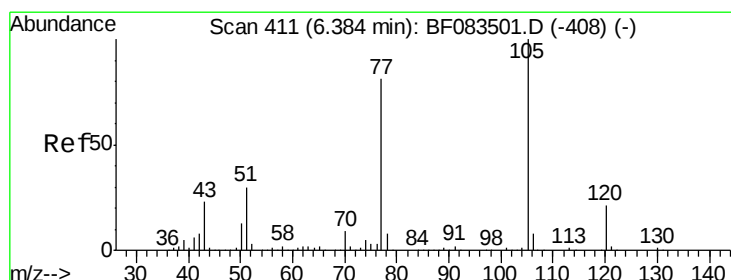
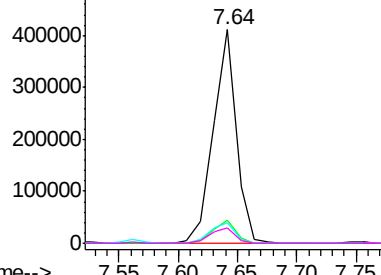
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.39 ng

RT: 6.35 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Tgt Ion:105 Resp: 660962

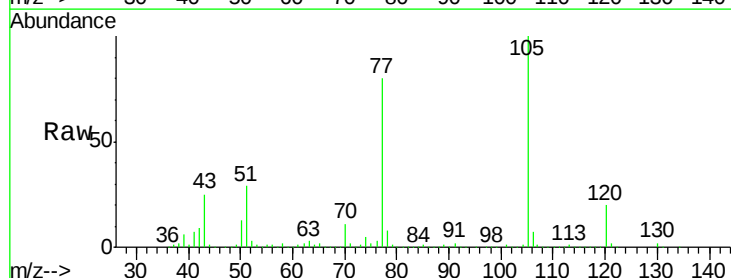
Ion Ratio Lower Upper

105 100

71 2.0 1.3 1.9#

51 29.0 23.8 35.8

120 20.1 16.7 25.1

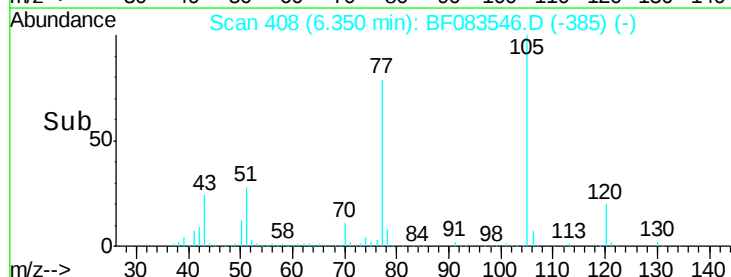


Abundance Ion 105.00 (104.70 to 105.70): E

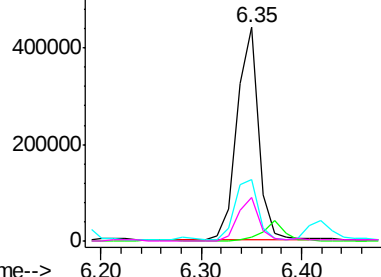
Ion 71.00 (70.70 to 71.70): BF0

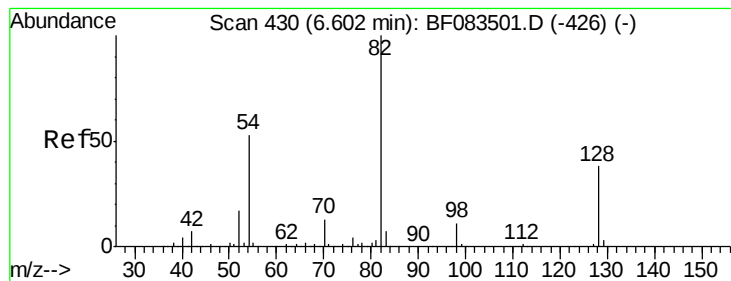
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 81.29 ng

RT: 6.57 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

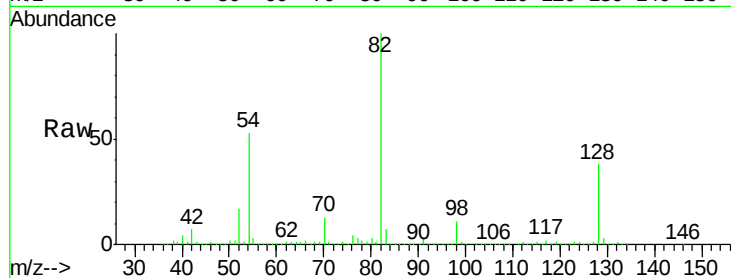
Tgt Ion: 82 Resp: 964163

Ion Ratio Lower Upper

82 100

128 38.0 30.7 46.1

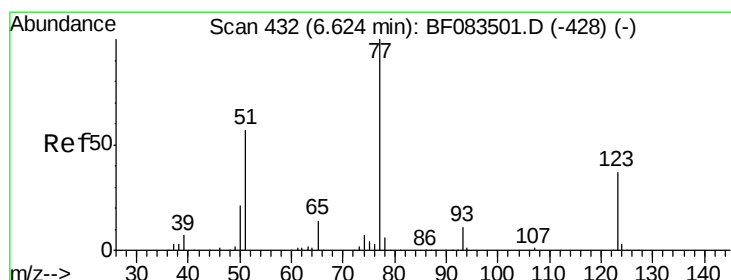
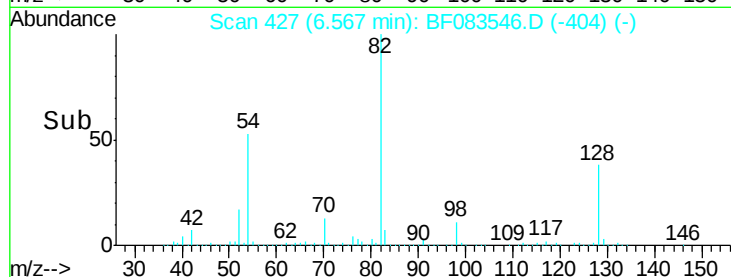
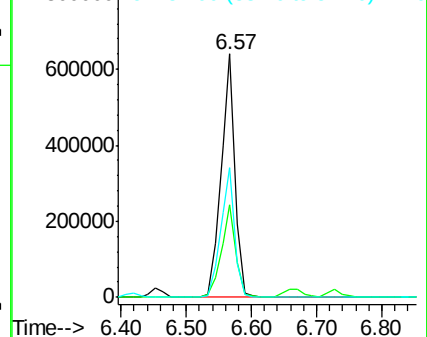
54 53.1 42.5 63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.17 ng

RT: 6.59 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

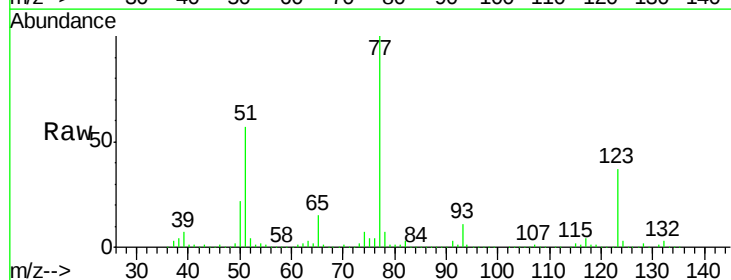
Tgt Ion: 77 Resp: 485484

Ion Ratio Lower Upper

77 100

123 36.7 29.8 44.6

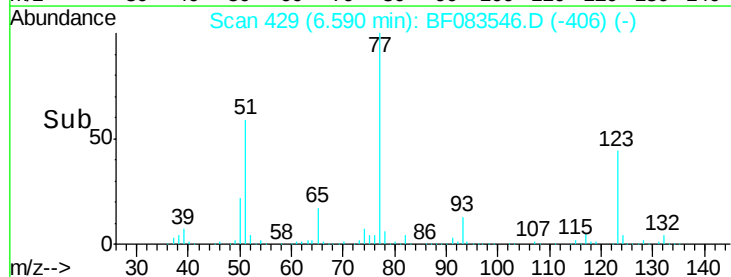
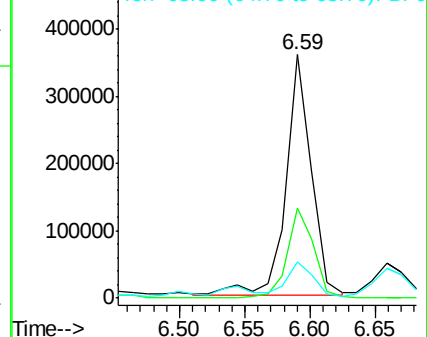
65 14.9 11.1 16.7

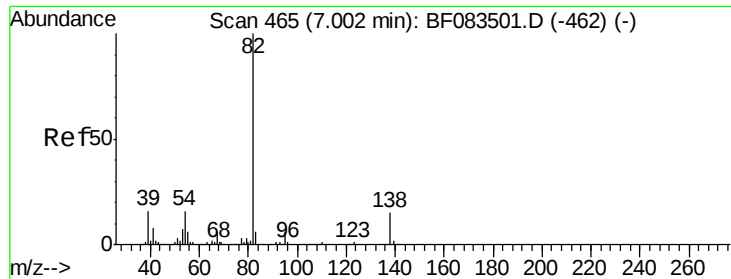


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

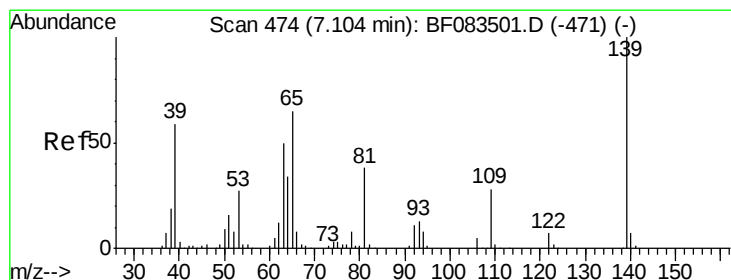
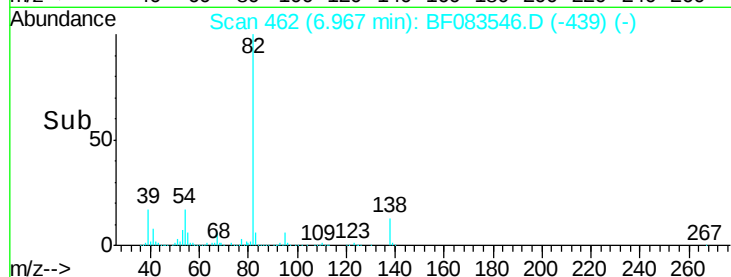
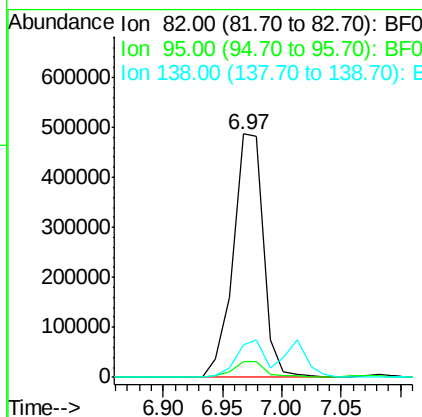
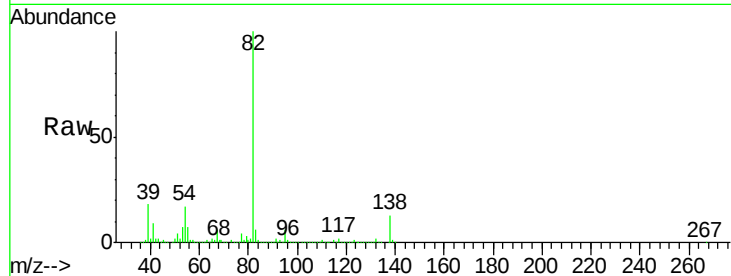




#25
Isophorone
Concen: 37.73 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

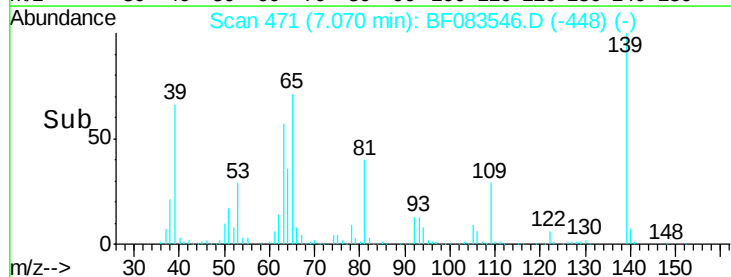
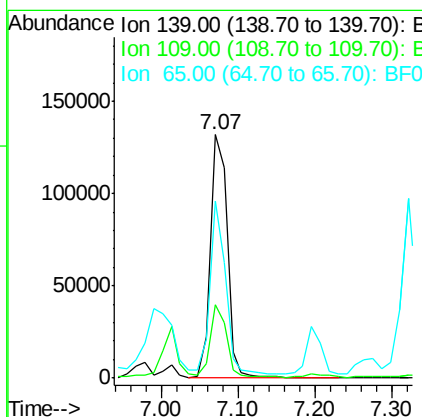
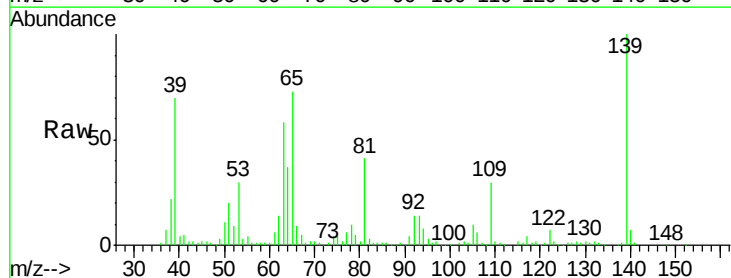
Instrument :
BNA_G
ClientSampleId :
K204-0-2MSD

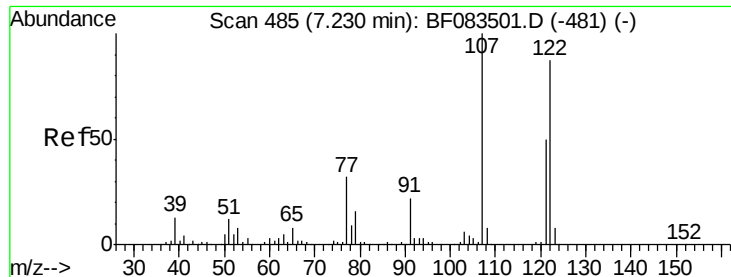
Tgt Ion: 82 Resp: 859473
Ion Ratio Lower Upper
82 100
95 6.2 5.0 7.4
138 13.2 12.1 18.1



#26
2-Nitrophenol
Concen: 38.89 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.03 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

Tgt Ion: 139 Resp: 200465
Ion Ratio Lower Upper
139 100
109 30.3 22.7 34.1
65 72.6 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 35.58 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

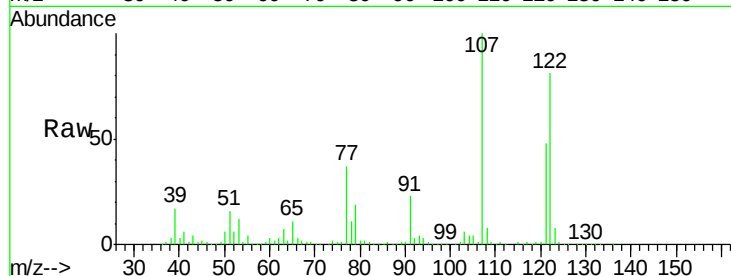
Tgt Ion:122 Resp: 324004

Ion Ratio Lower Upper

122 100

107 123.3 92.4 138.6

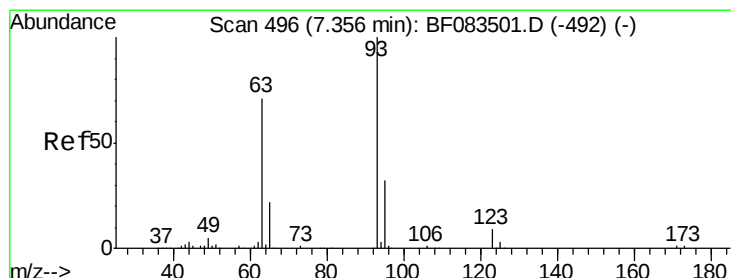
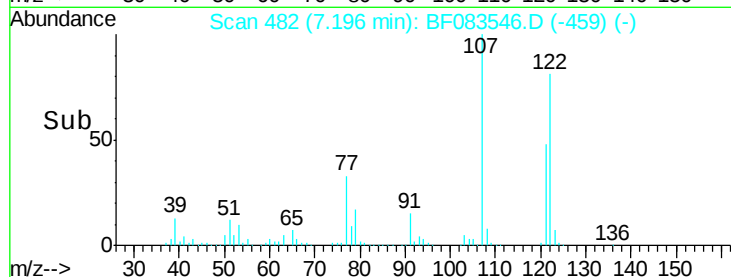
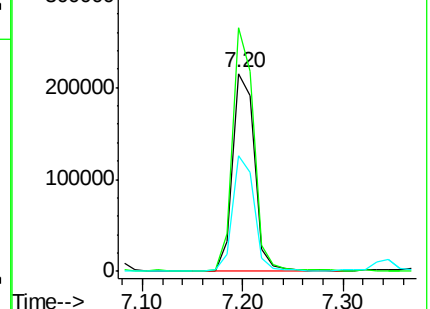
121 58.7 45.8 68.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.35 ng

RT: 7.32 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

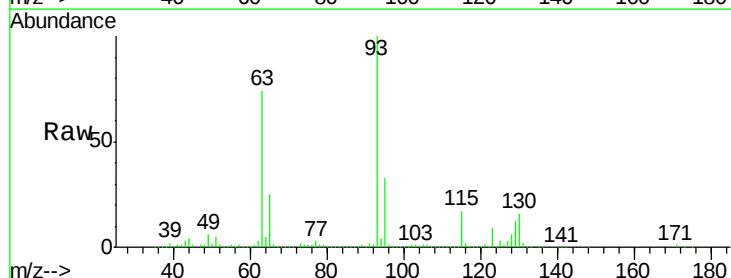
Tgt Ion: 93 Resp: 537512

Ion Ratio Lower Upper

93 100

95 33.4 25.6 38.4

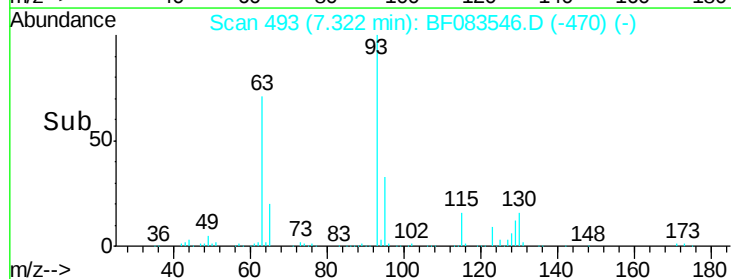
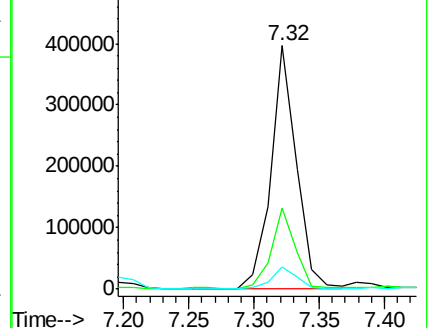
123 9.3 7.3 10.9

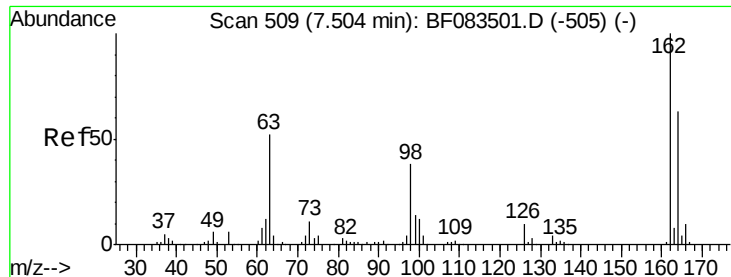


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

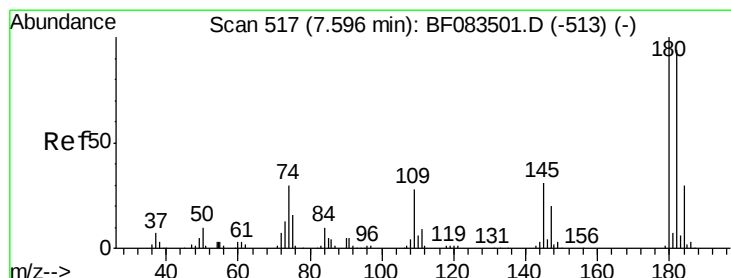
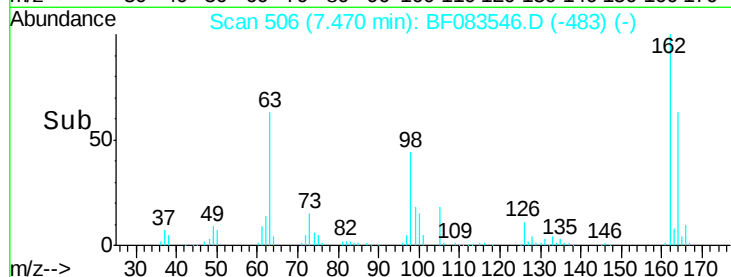
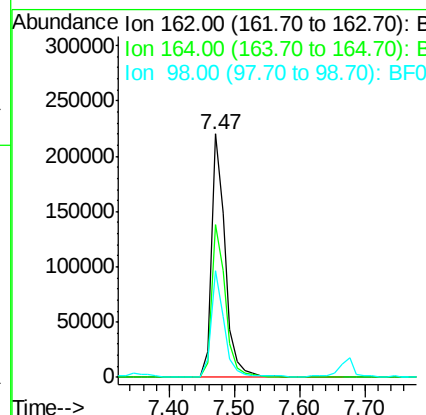
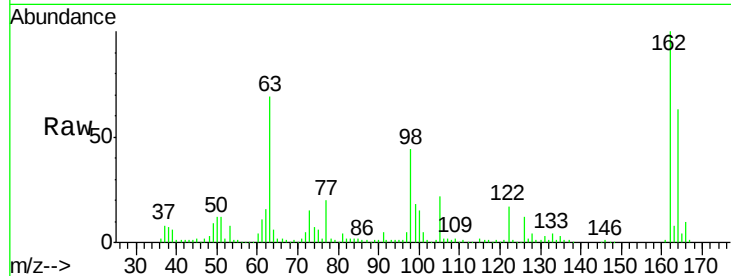




#29
 2,4-Dichlorophenol
 Concen: 39.08 ng
 RT: 7.47 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF083546.D
 Acq: 7 Dec 2015 6:49

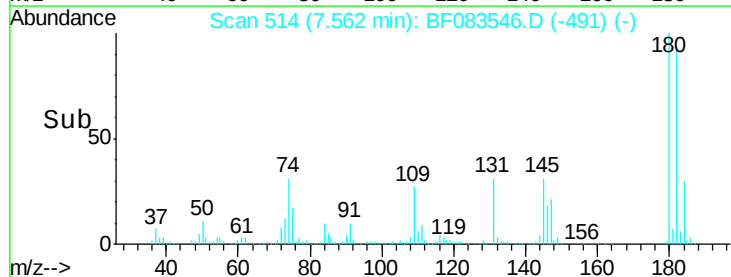
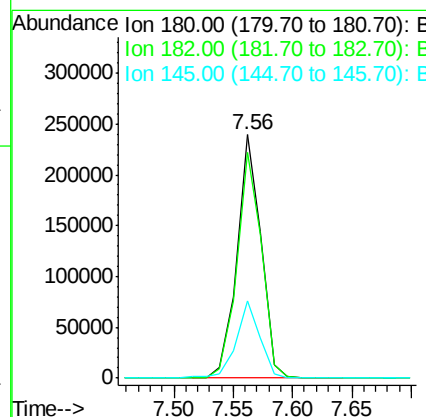
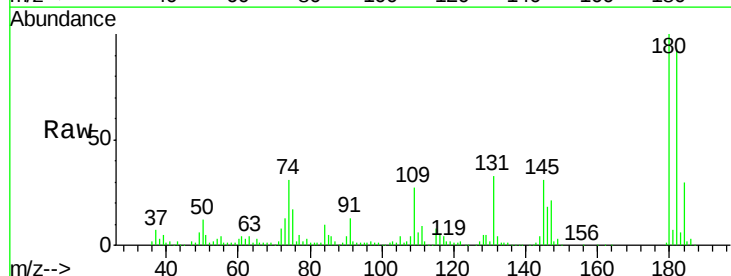
Instrument :
 BNA_G
 ClientSampleId :
 K204-0-2MSD

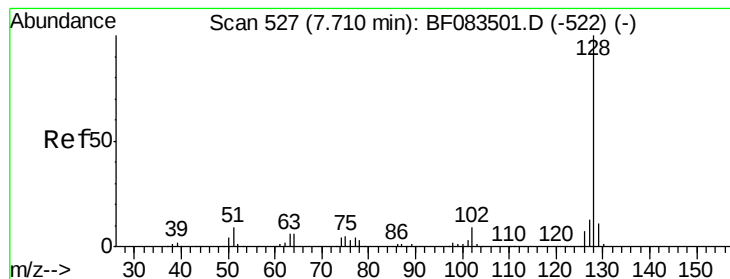
Tgt Ion:162 Resp: 321373
 Ion Ratio Lower Upper
 162 100
 164 62.5 43.4 83.4
 98 43.9 17.5 57.5



#30
 1,2,4-Trichlorobenzene
 Concen: 36.85 ng
 RT: 7.56 min Scan# 514
 Delta R.T. -0.03 min
 Lab File: BF083546.D
 Acq: 7 Dec 2015 6:49

Tgt Ion:180 Resp: 335090
 Ion Ratio Lower Upper
 180 100
 182 92.7 74.9 112.3
 145 31.5 24.7 37.1





#31

Naphthalene

Concen: 50.71 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

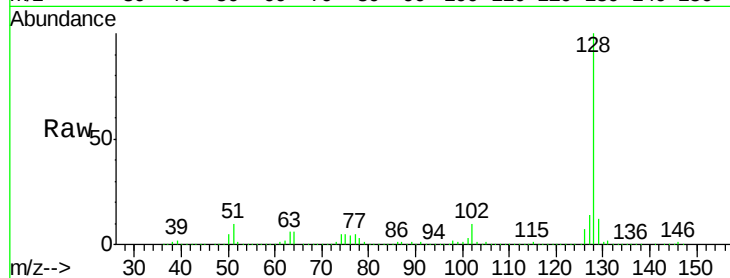
Tgt Ion:128 Resp: 1496514

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

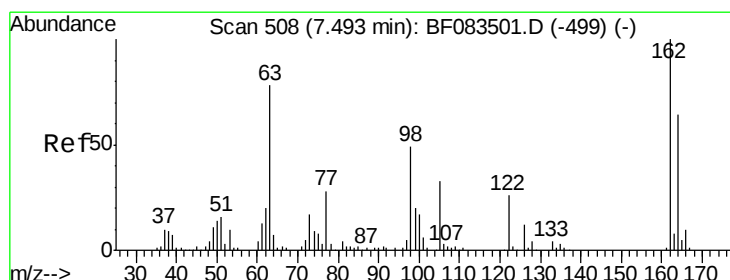
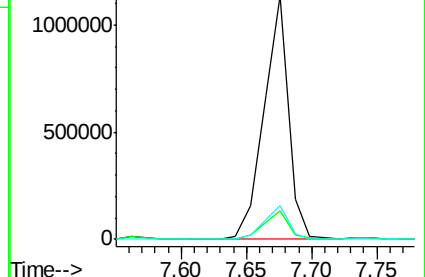
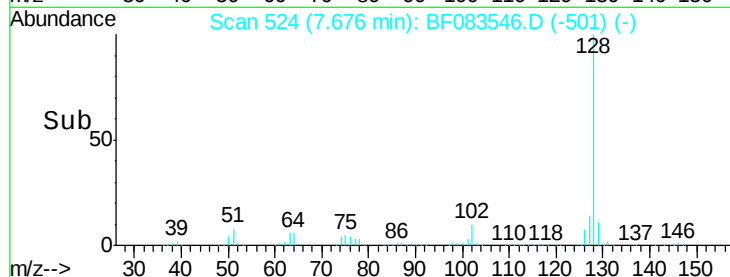
127 13.6 10.6 16.0



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: 30.70 ng

RT: 7.47 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

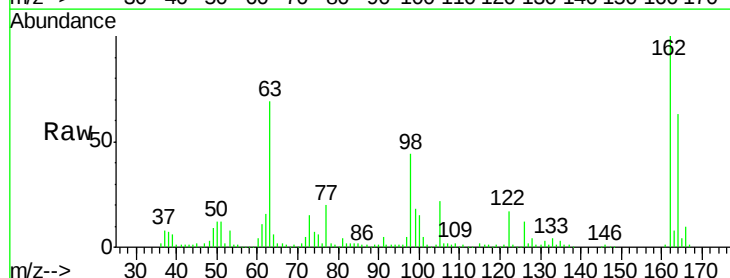
Tgt Ion:122 Resp: 150695

Ion Ratio Lower Upper

122 100

105 133.3 105.6 145.6

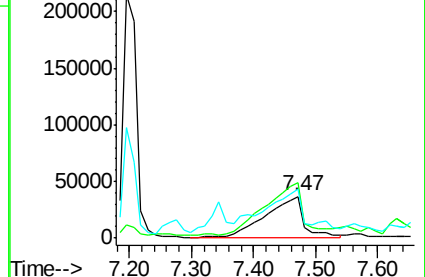
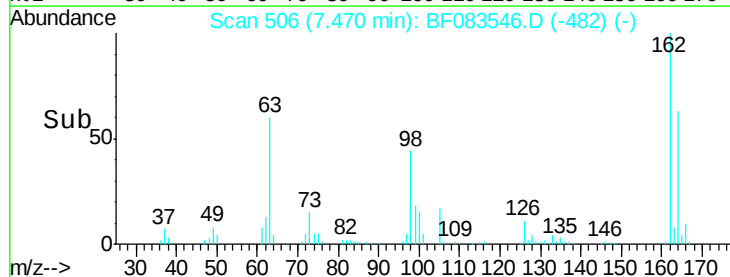
77 117.4 86.8 126.8

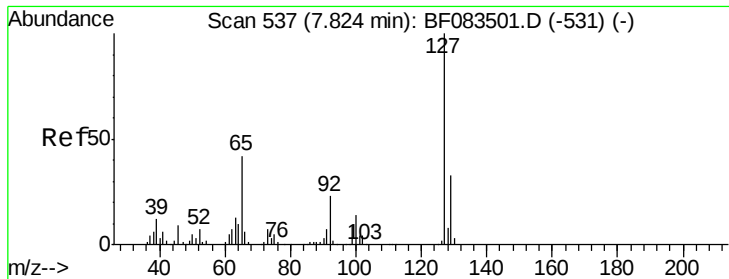


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

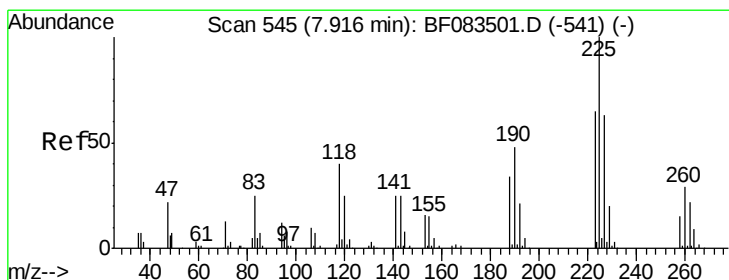
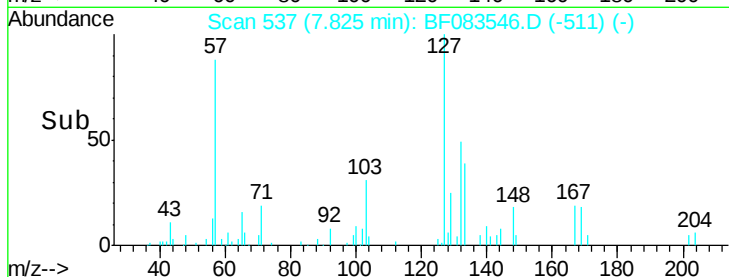
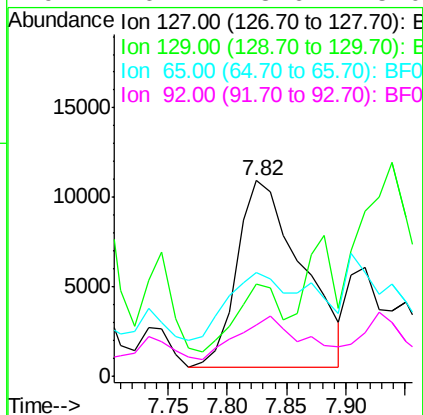
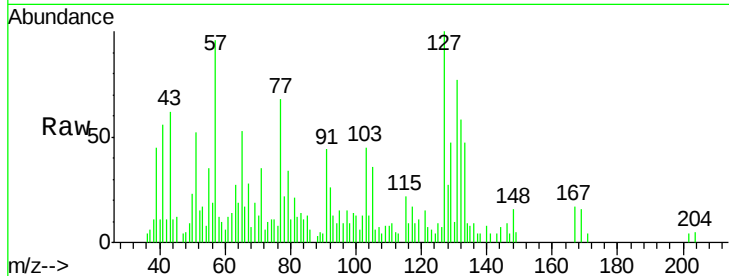




#33
4-Chloroaniline
Concen: 3.43 ng
RT: 7.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

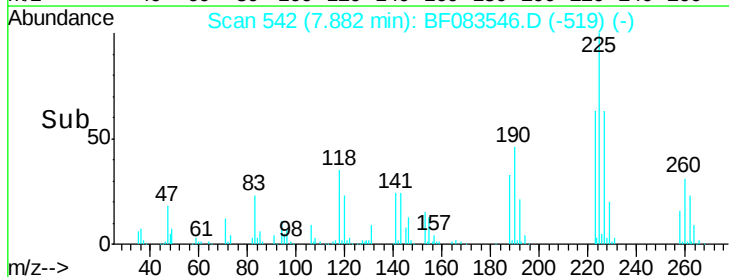
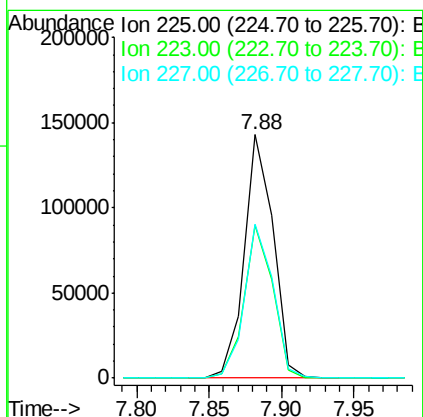
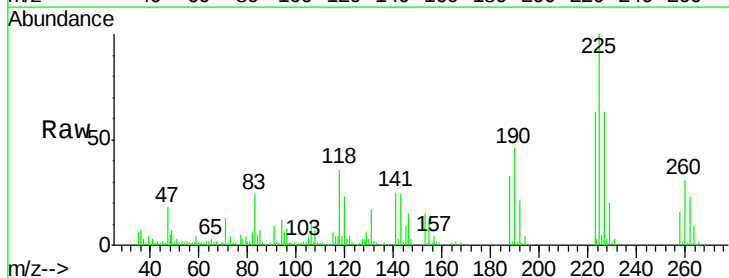
Instrument :
BNA_G
ClientSampleId :
K204-0-2MSD

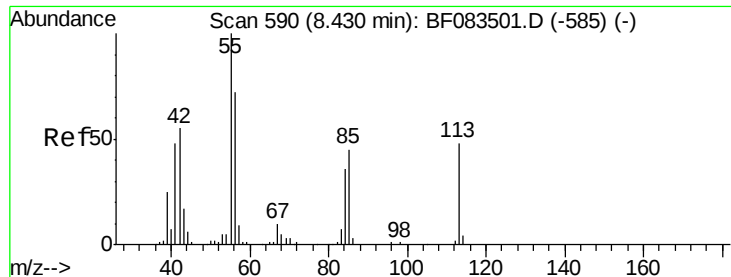
Tgt Ion:127 Resp: 39634
Ion Ratio Lower Upper
127 100
129 47.2 26.1 39.1#
65 52.9 33.5 50.3#
92 26.1 18.6 28.0



#34
Hexachlorobutadiene
Concen: 36.75 ng
RT: 7.88 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

Tgt Ion:225 Resp: 197432
Ion Ratio Lower Upper
225 100
223 62.7 52.3 78.5
227 63.2 50.4 75.6





#35

Caprolactam

Concen: 39.66 ng

RT: 8.41 min Scan# 588

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

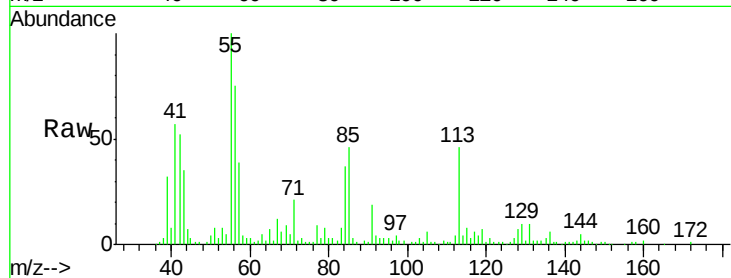
Tgt Ion:113 Resp: 103727

Ion Ratio Lower Upper

113 100

55 218.8 189.7 229.7

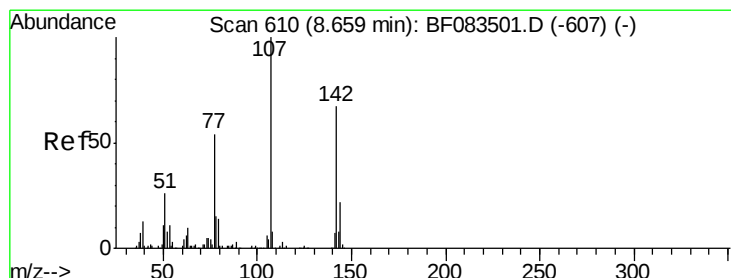
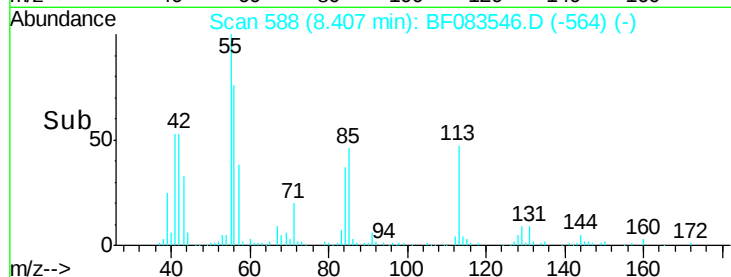
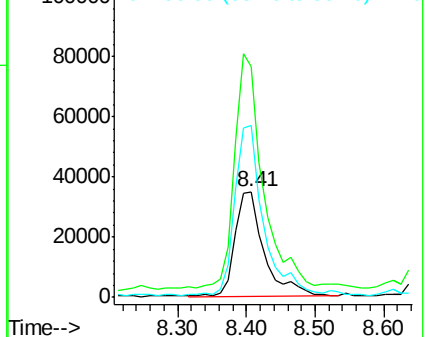
56 163.4 130.7 170.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.36 ng

RT: 8.65 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

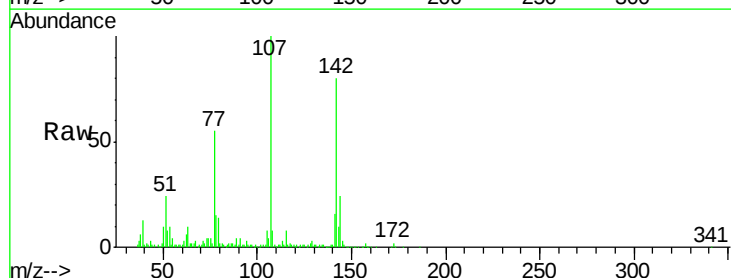
Tgt Ion:107 Resp: 336508

Ion Ratio Lower Upper

107 100

144 24.5 17.5 26.3

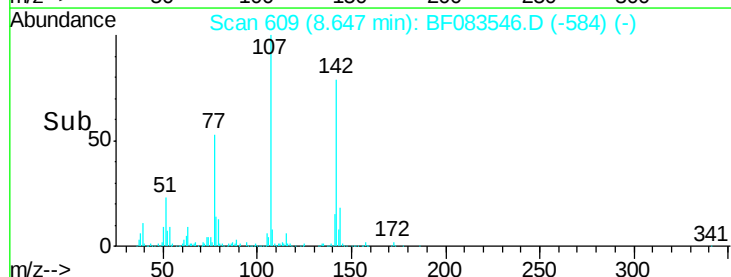
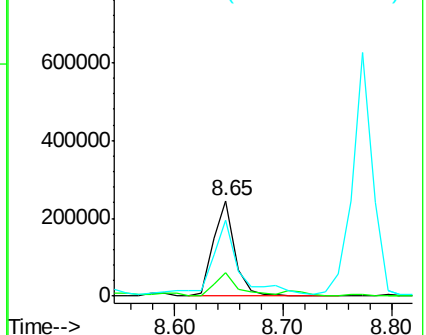
142 79.6 53.6 80.4

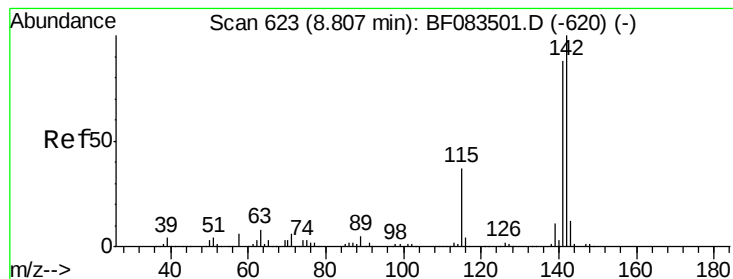


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

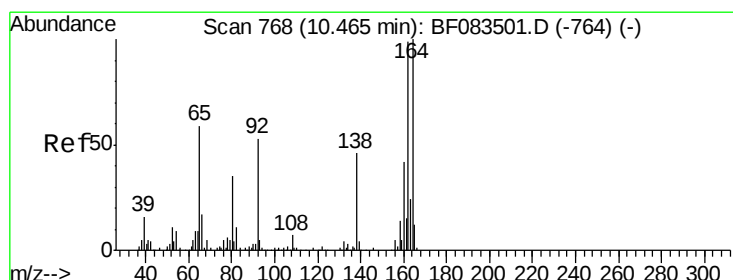
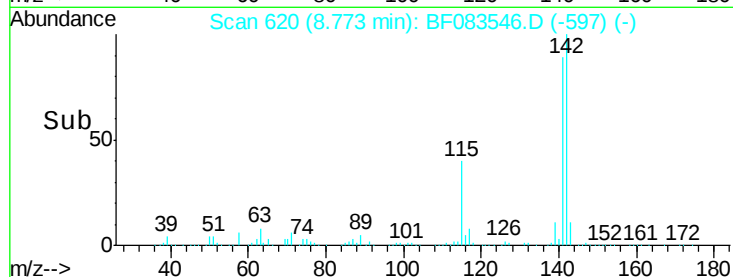
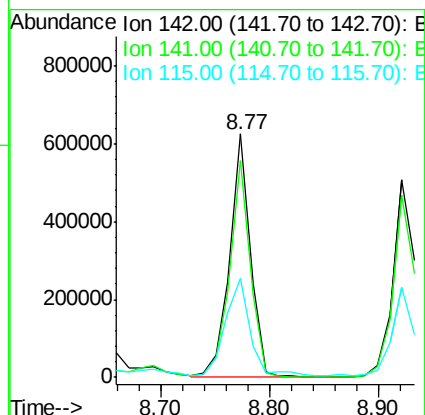
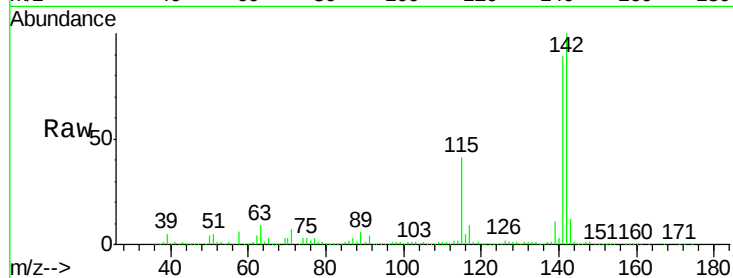




#37
2-Methylnaphthalene
Concen: 44.59 ng
RT: 8.77 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

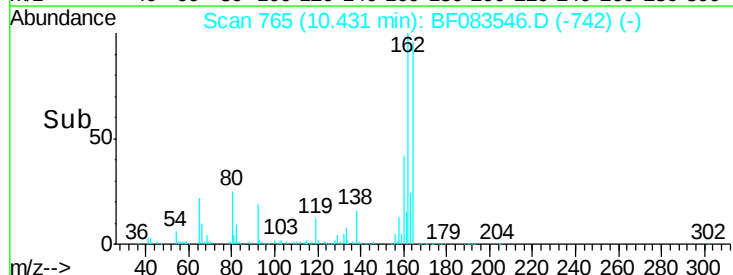
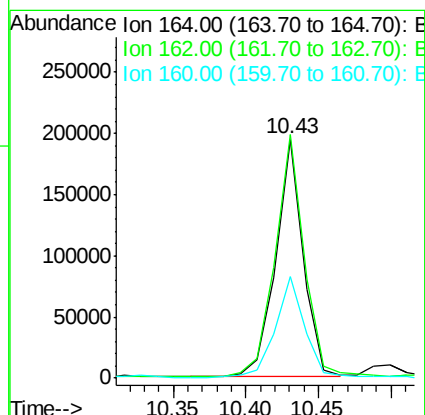
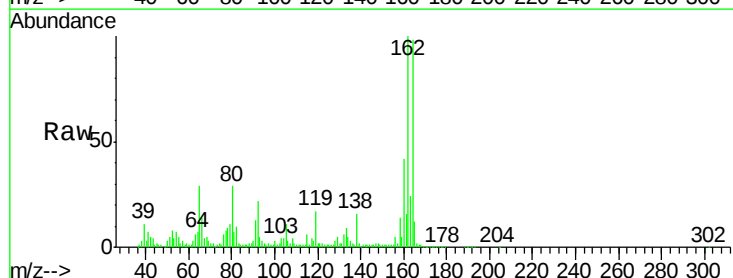
Instrument :
BNA_G
ClientSampleId :
K204-0-2MSD

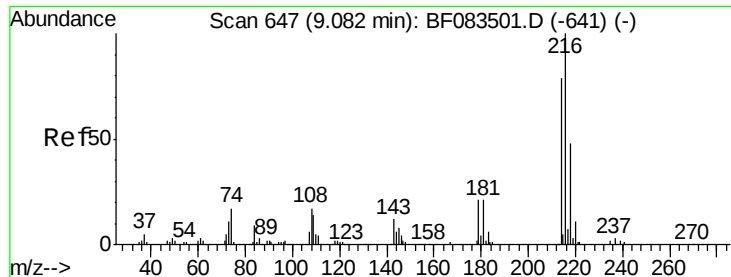
Tgt Ion:142 Resp: 813592
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5
115 40.7 29.2 43.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

Tgt Ion:164 Resp: 253511
Ion Ratio Lower Upper
164 100
162 102.0 78.8 118.2
160 42.5 33.4 50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.69 ng

RT: 9.05 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

Tgt Ion:216 Resp: 314160

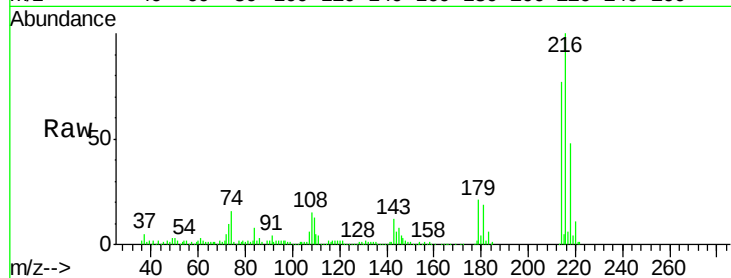
Ion Ratio Lower Upper

216 100

214 77.0 0.0 0.0#

179 21.7 0.0 0.0#

108 18.8 0.0 0.0#

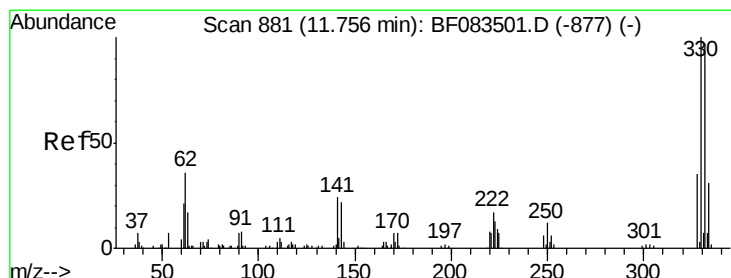
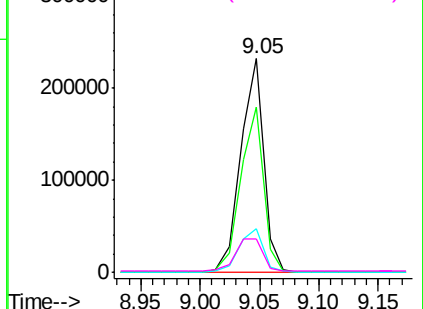
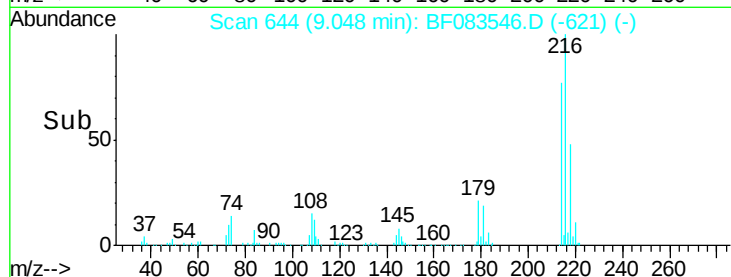


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 98.30 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

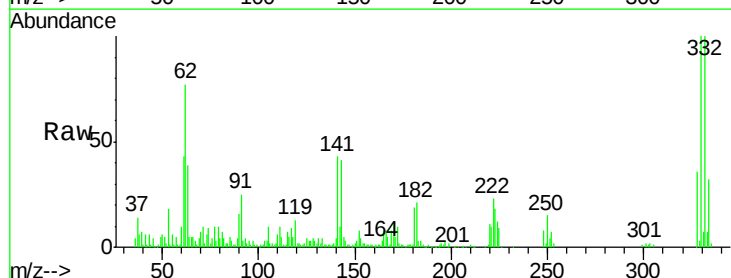
Tgt Ion:330 Resp: 229886

Ion Ratio Lower Upper

330 100

332 98.1 0.0 0.0#

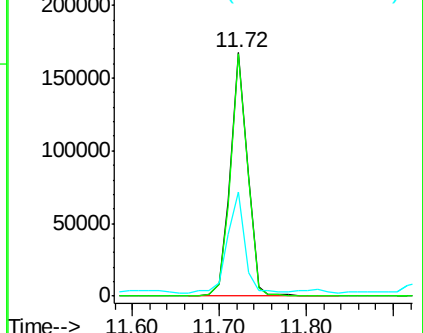
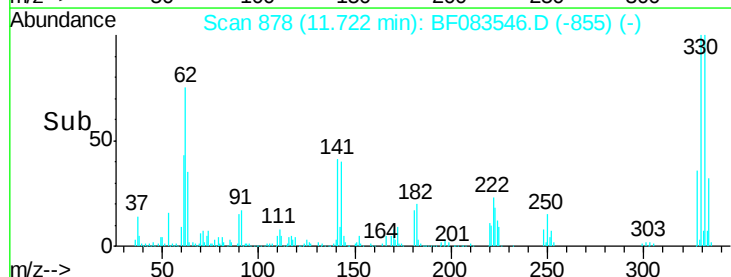
141 41.4 0.0 0.0#

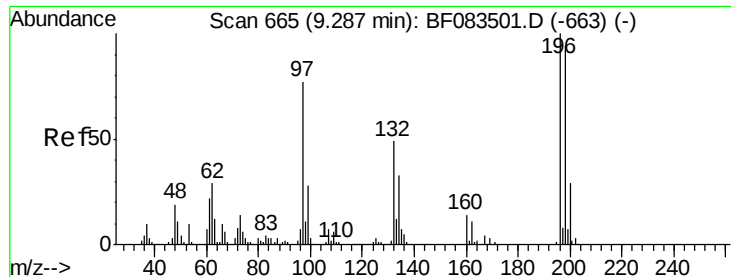


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 39.65 ng

RT: 9.26 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

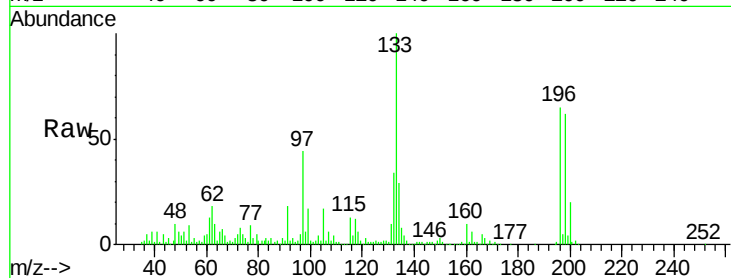
Tgt Ion:196 Resp: 207508

Ion Ratio Lower Upper

196 100

198 95.1 75.2 112.8

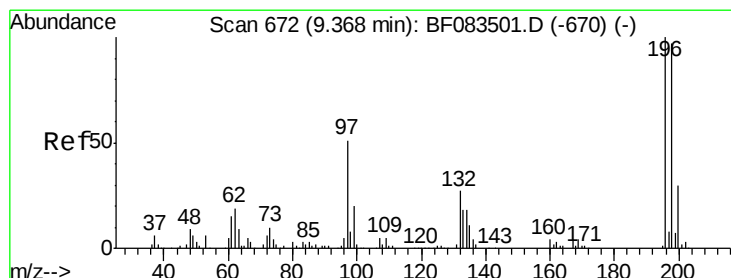
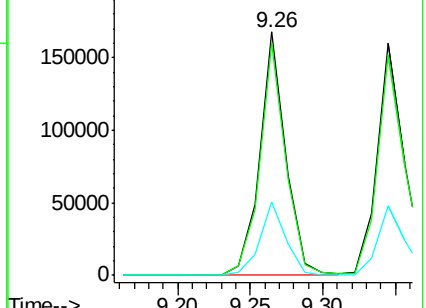
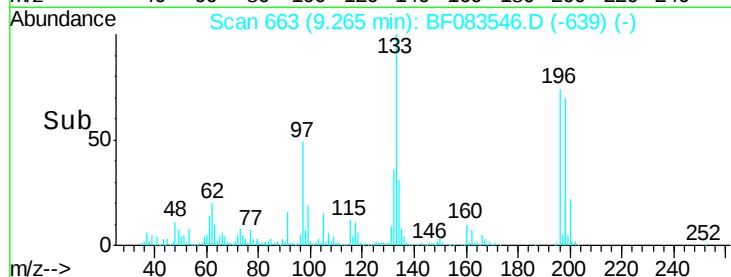
200 30.2 23.0 34.6



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 39.70 ng

RT: 9.34 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Tgt Ion:196 Resp: 214018

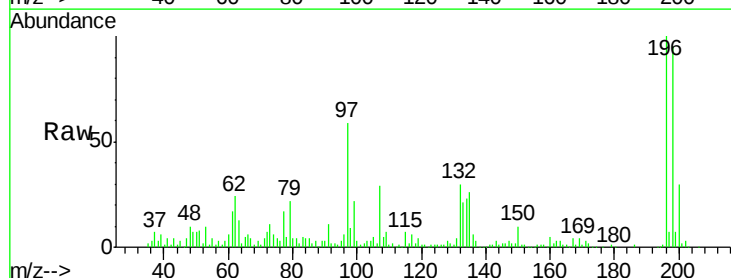
Ion Ratio Lower Upper

196 100

198 95.3 77.7 116.5

97 59.1 41.2 61.8

132 30.3 21.8 32.8

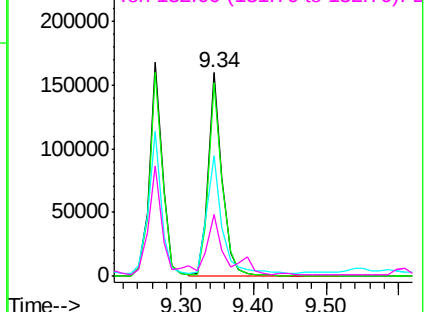
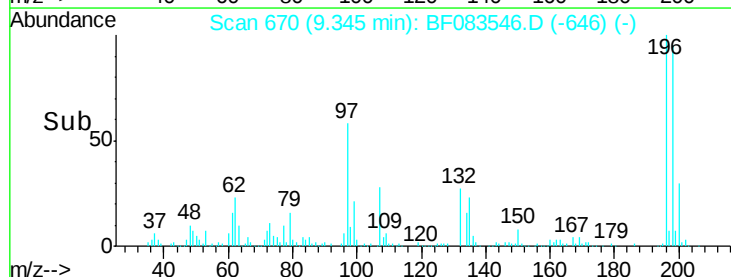


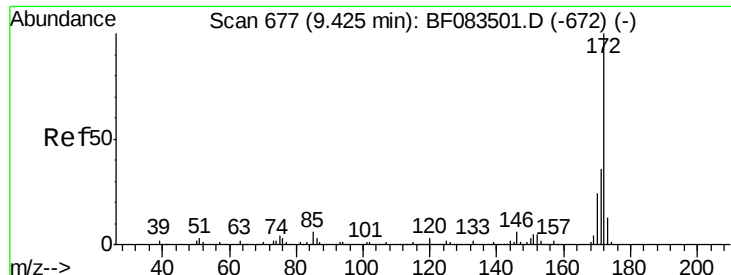
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 72.09 ng

RT: 9.39 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

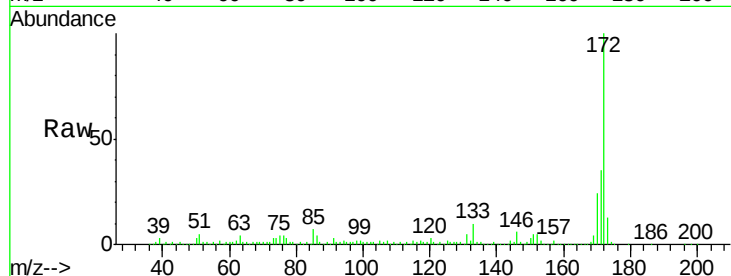
BNA_G

ClientSampleId :

K204-0-2MSD

Tgt Ion:172 Resp: 1347327

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.8	19.4	29.0

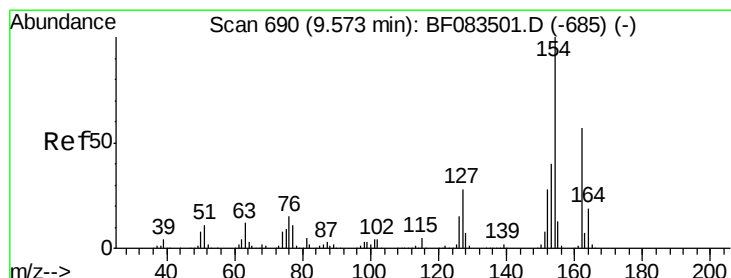
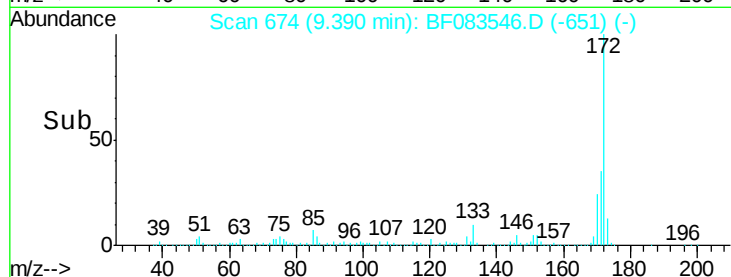
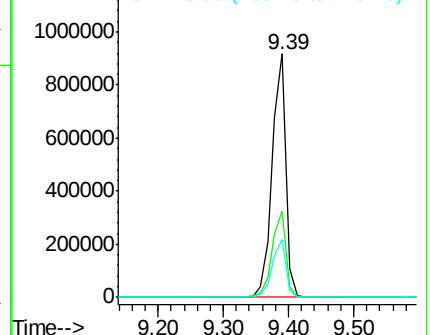


Abundance

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: 36.65 ng

RT: 9.54 min Scan# 687

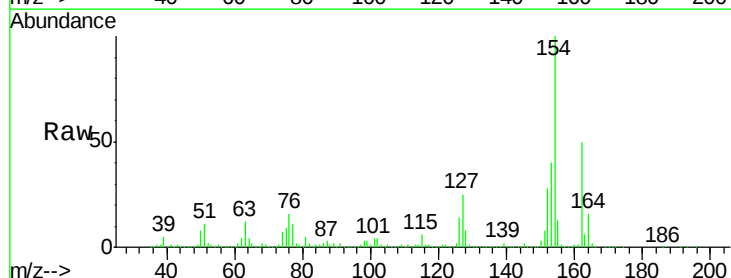
Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Tgt Ion:154 Resp: 825693

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.2	60.2
76	15.9	0.0	34.8

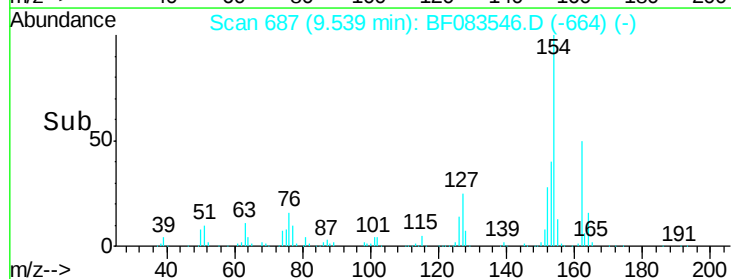
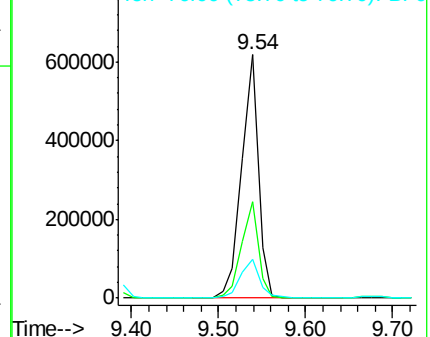


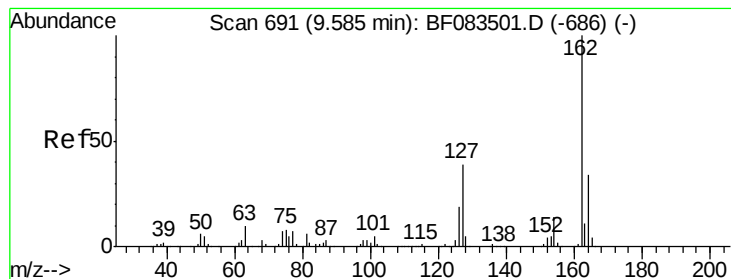
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 37.18 ng

RT: 9.55 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

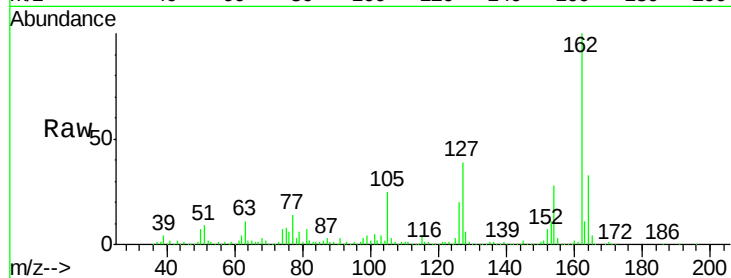
Tgt Ion: 162 Resp: 631208

Ion Ratio Lower Upper

162 100

127 39.2 31.0 46.4

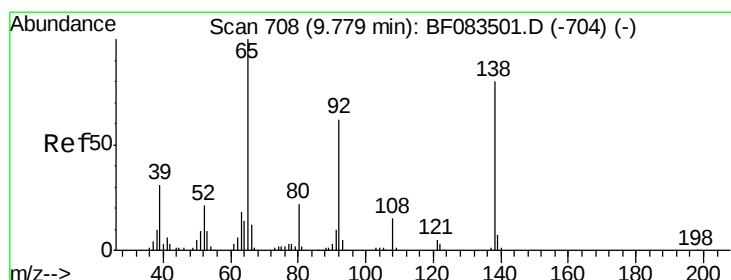
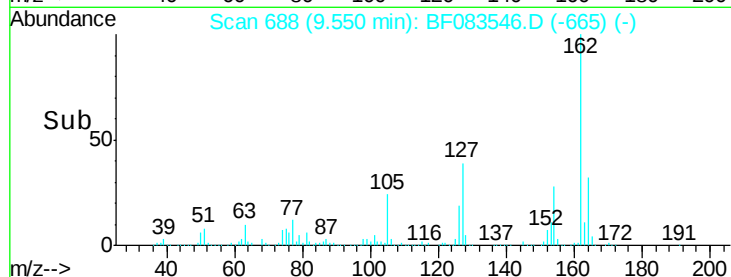
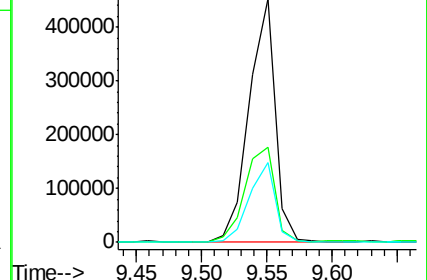
164 32.6 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 38.99 ng

RT: 9.76 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

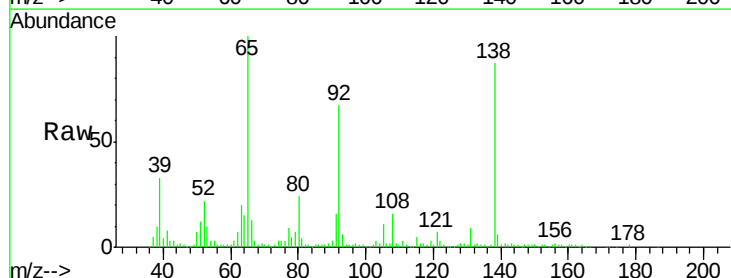
Tgt Ion: 65 Resp: 235791

Ion Ratio Lower Upper

65 100

92 66.7 49.6 74.4

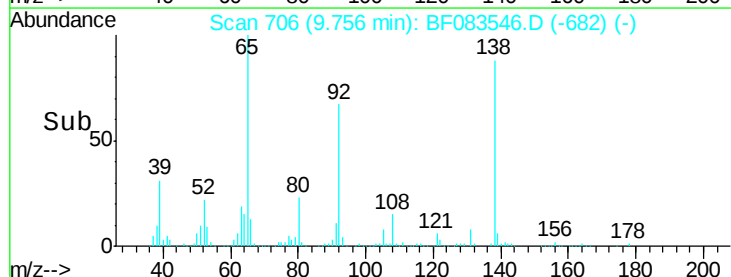
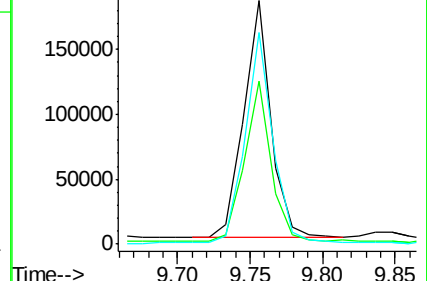
138 86.8 64.1 96.1

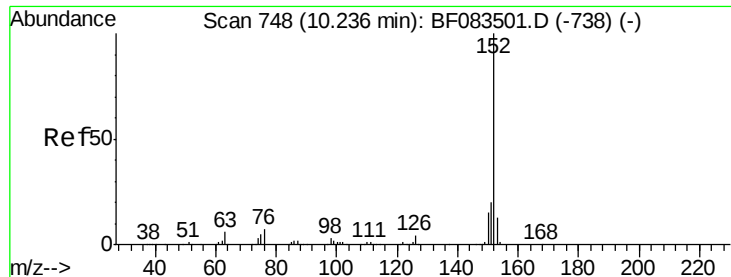


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 75.43 ng

RT: 10.21 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

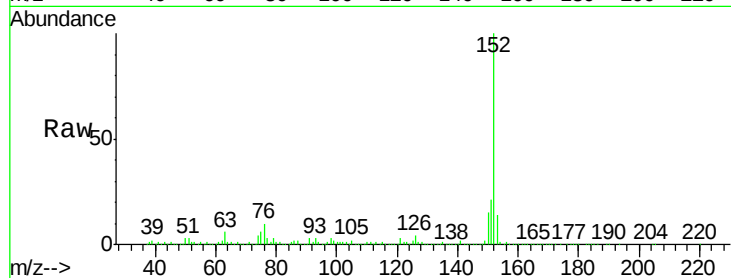
Tgt Ion:152 Resp: 2096769

Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

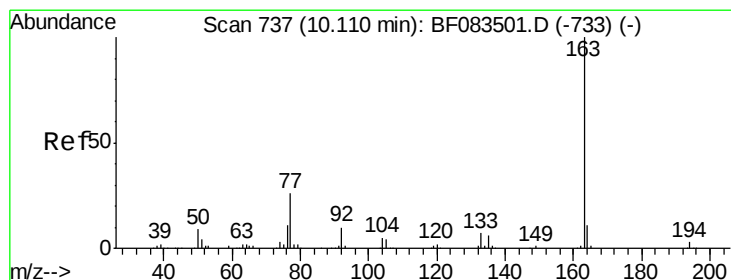
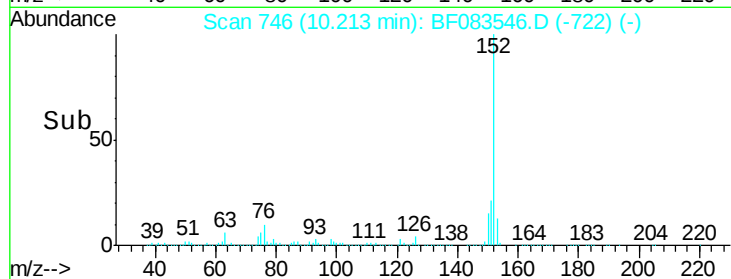
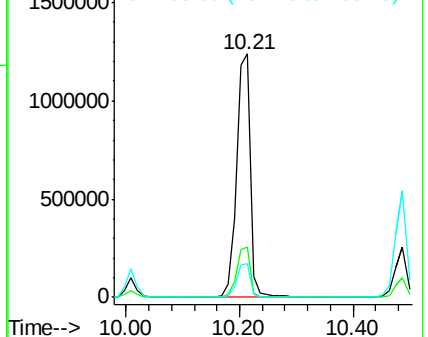
153 13.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 61.53 ng

RT: 10.09 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

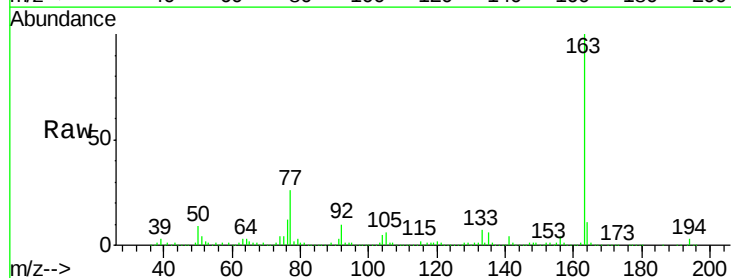
Tgt Ion:163 Resp: 1227732

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

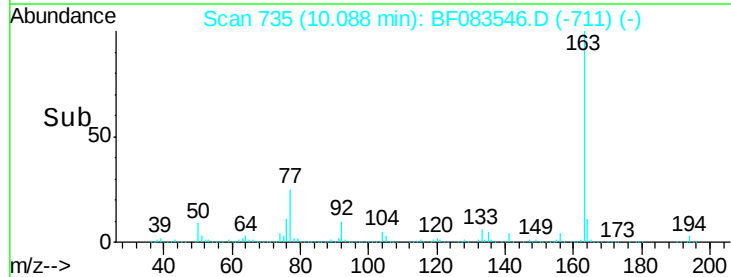
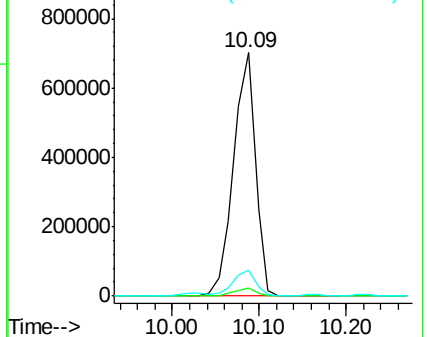
164 10.9 8.6 13.0

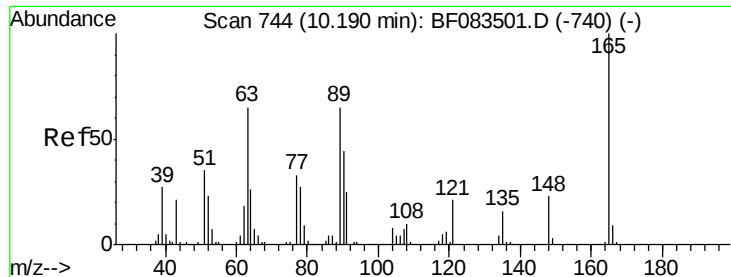


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

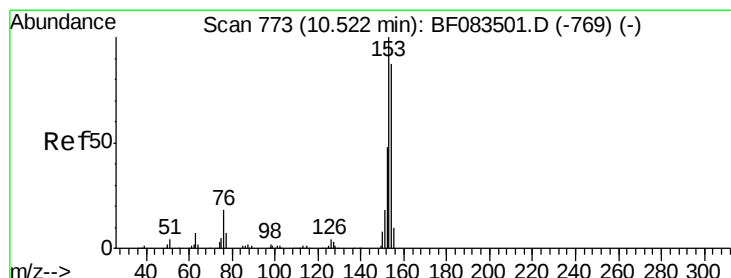
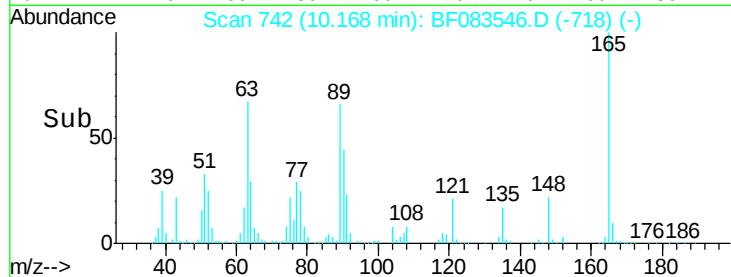
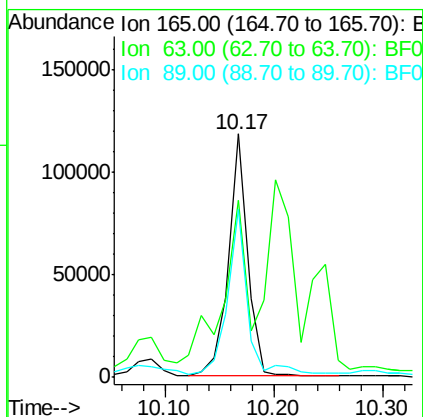
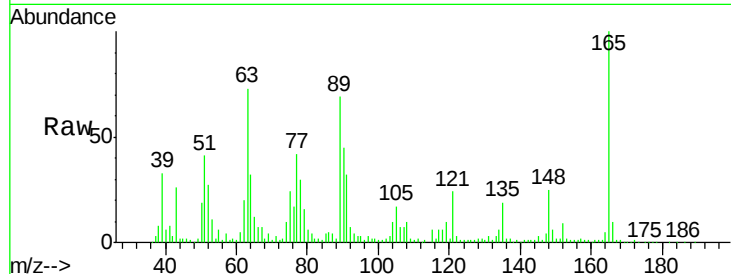




#50
2,6-Dinitrotoluene
Concen: 34.02 ng
RT: 10.17 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

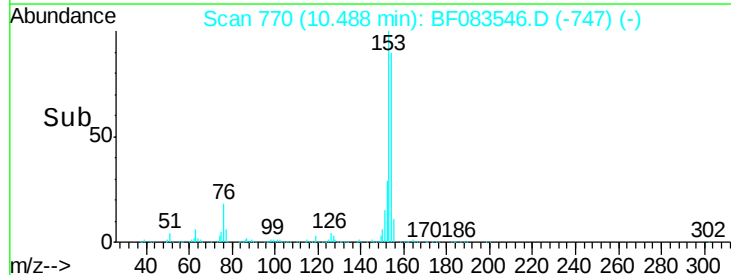
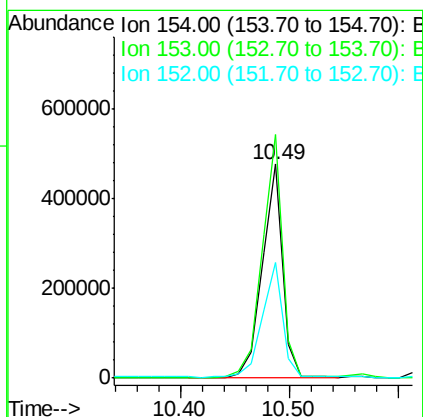
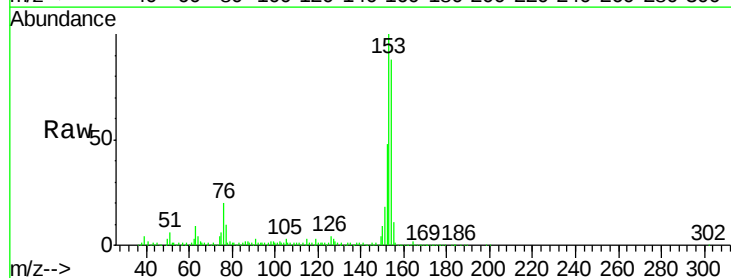
Instrument :
BNA_G
ClientSampleId :
K204-0-2MSD

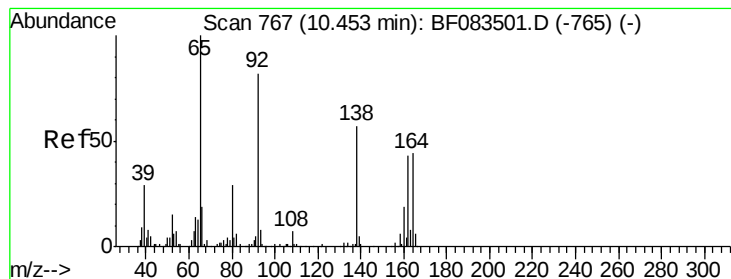
Tgt Ion:165 Resp: 142930
Ion Ratio Lower Upper
165 100
63 72.7 56.9 85.3
89 68.9 52.1 78.1



#51
Acenaphthene
Concen: 38.90 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

Tgt Ion:154 Resp: 622292
Ion Ratio Lower Upper
154 100
153 113.7 91.4 137.0
152 54.2 43.4 65.2





#52

3-Nitroaniline

Concen: 12.64 ng

RT: 10.43 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

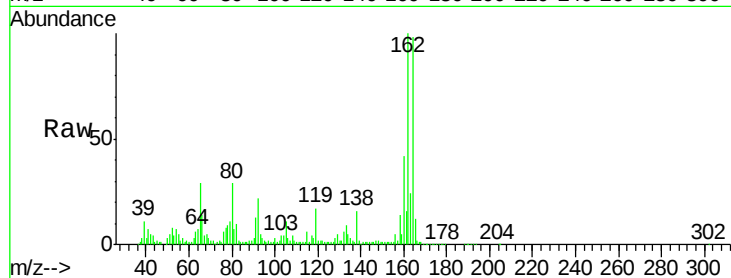
Tgt Ion:138 Resp: 57240

Ion Ratio Lower Upper

138 100

108 28.5 9.9 14.9#

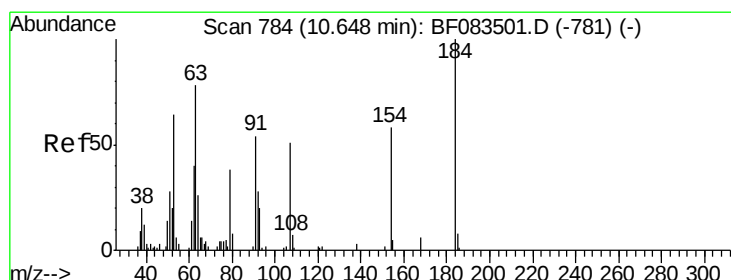
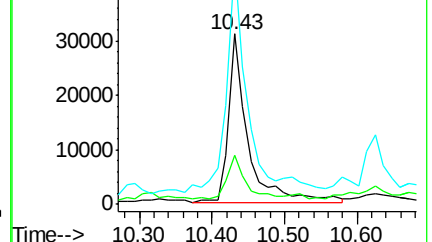
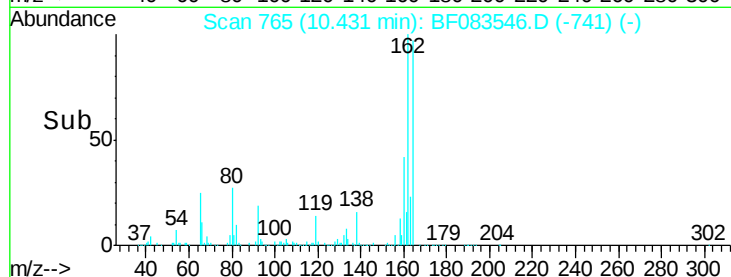
92 143.1 113.8 170.8



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): BF0



#53

2,4-Dinitrophenol

Concen: 35.61 ng

RT: 10.62 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

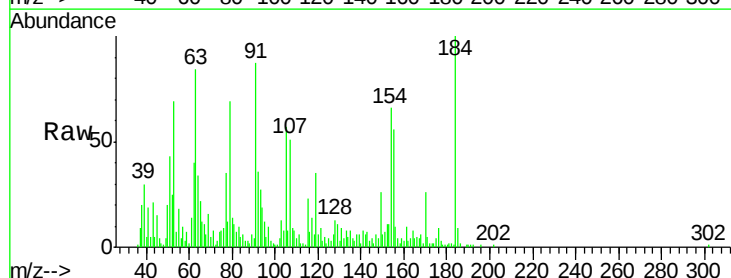
Tgt Ion:184 Resp: 66996

Ion Ratio Lower Upper

184 100

63 84.3 62.4 93.6

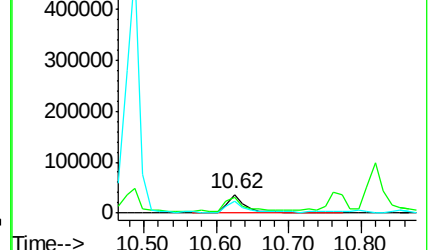
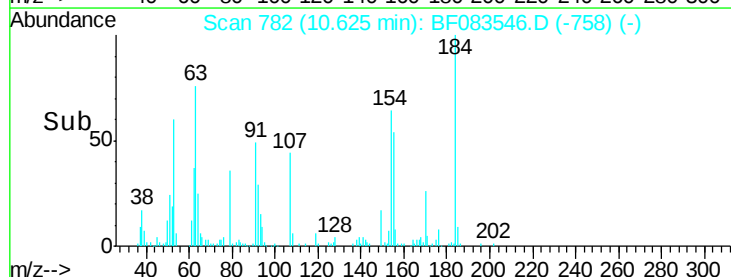
154 66.2 46.6 69.8

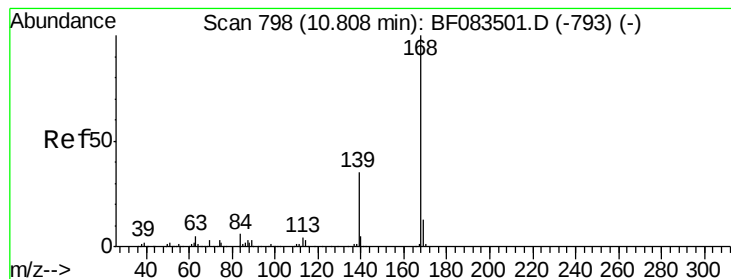


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 43.43 ng

RT: 10.77 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

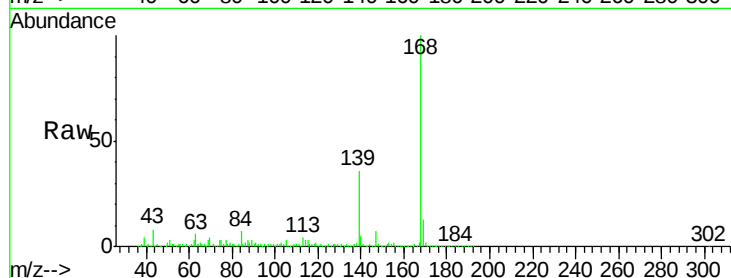
Tgt Ion:168 Resp: 962388

Ion Ratio Lower Upper

168 100

139 35.7 28.0 42.0

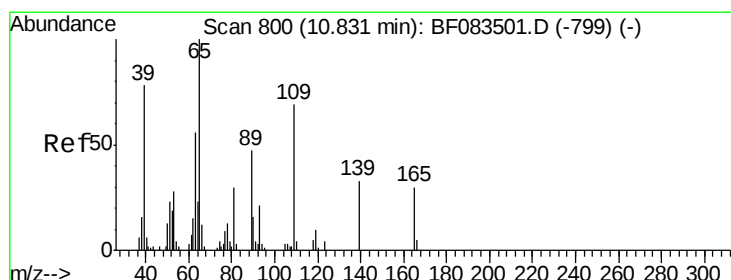
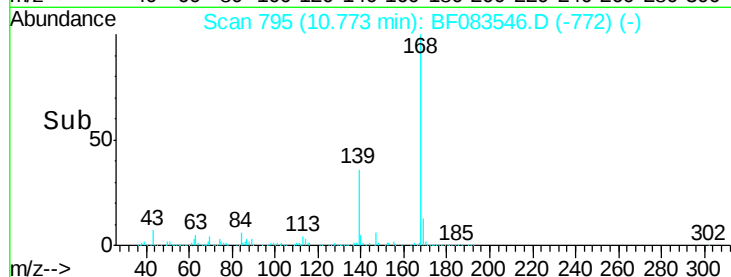
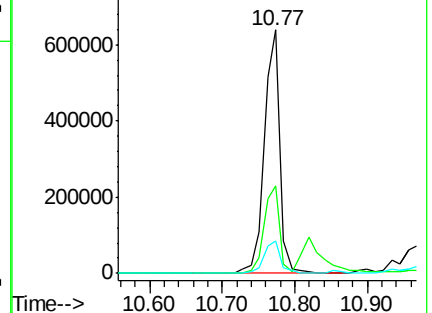
169 13.4 10.8 16.2



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: 75.15 ng

RT: 10.82 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

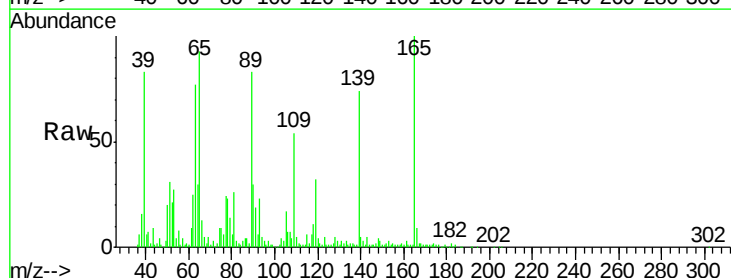
Tgt Ion:139 Resp: 191724

Ion Ratio Lower Upper

139 100

109 72.4 42.0 82.0

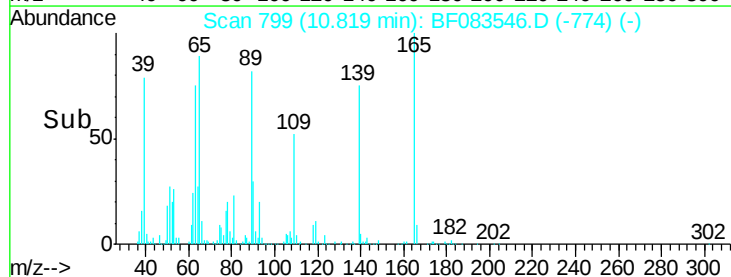
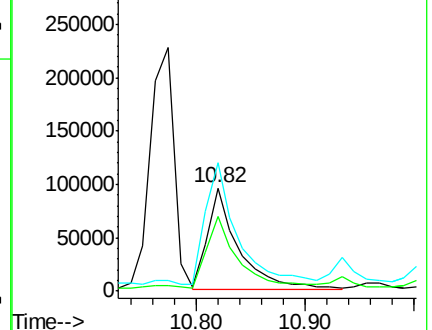
65 125.0 89.2 129.2

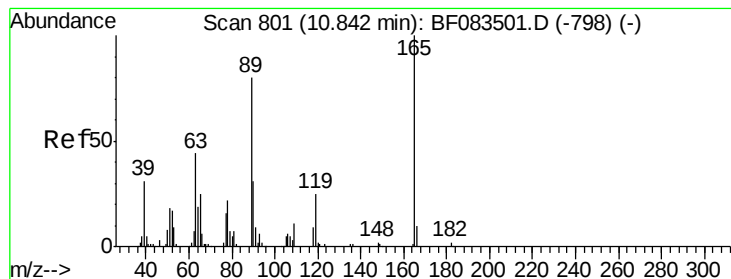


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 33.18 ng

RT: 10.82 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

Tgt Ion:165 Resp: 182045

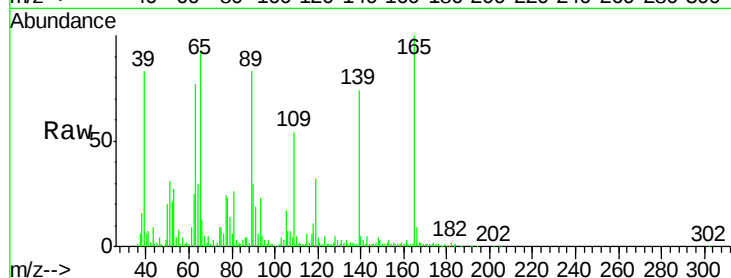
Ion Ratio Lower Upper

165 100

63 77.0 51.4 77.2

89 82.7 72.6 108.8

182 2.4 1.4 2.0#

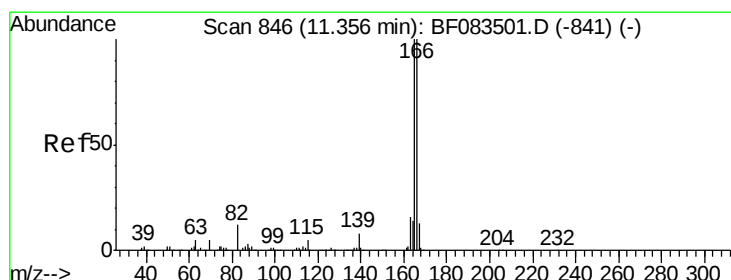
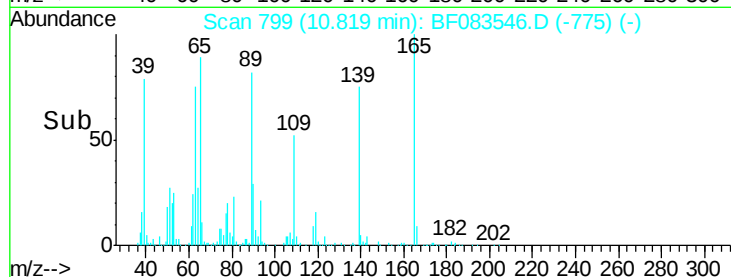
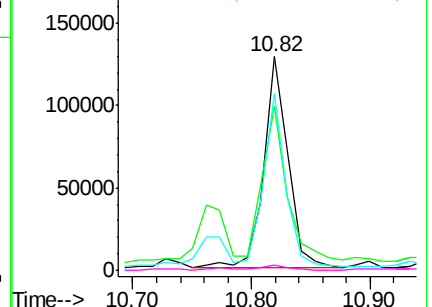


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 46.41 ng

RT: 11.32 min Scan# 843

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

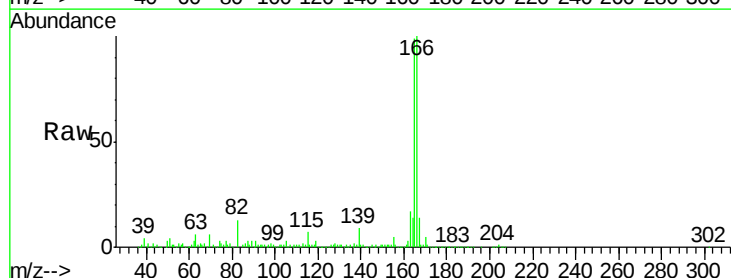
Tgt Ion:166 Resp: 894798

Ion Ratio Lower Upper

166 100

165 99.4 80.0 120.0

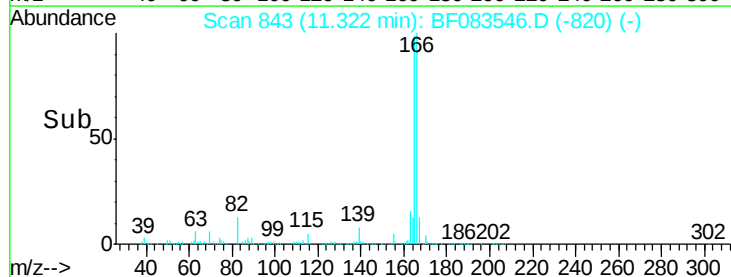
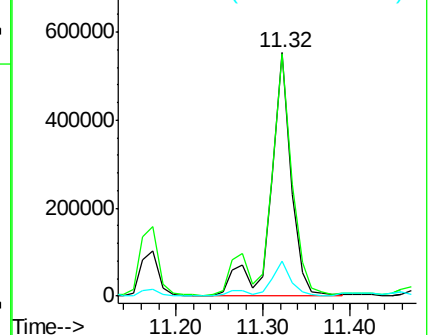
167 14.1 10.6 16.0

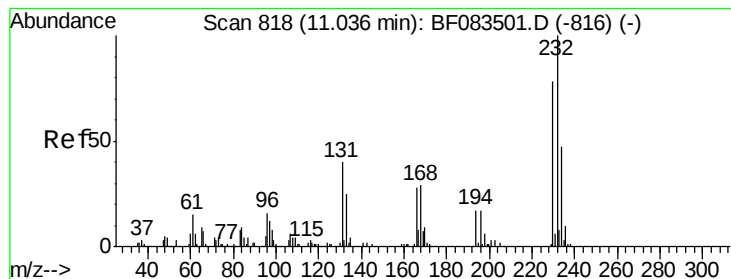


Abundance Ion 166.00 (165.70 to 166.70): E

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: 40.22 ng

RT: 11.00 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

Tgt Ion: 232 Resp: 162195

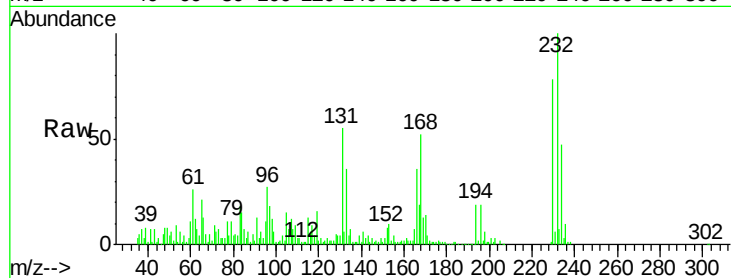
Ion Ratio Lower Upper

232 100

131 48.4 0.0 0.0#

130 3.3 0.0 0.0#

166 30.2 0.0 0.0#

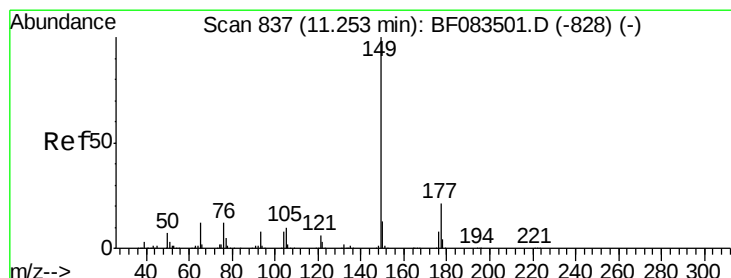
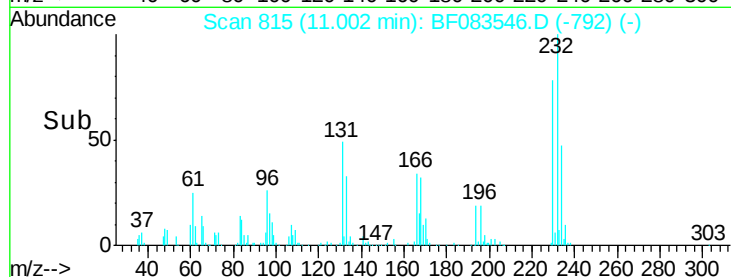
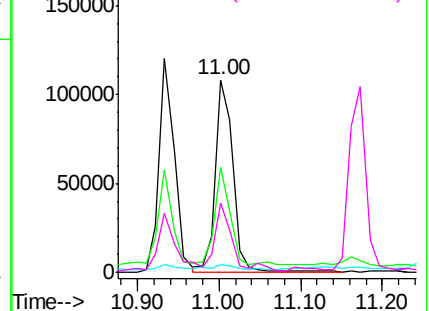


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 38.15 ng

RT: 11.23 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

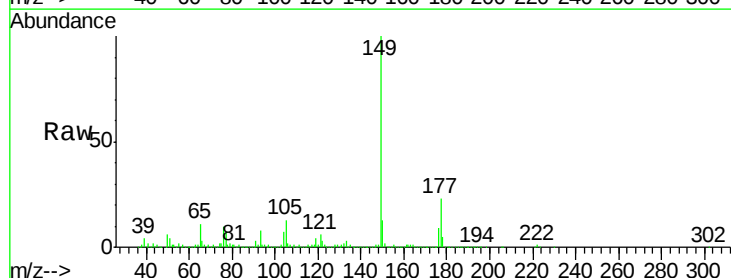
Tgt Ion: 149 Resp: 732432

Ion Ratio Lower Upper

149 100

177 22.7 16.9 25.3

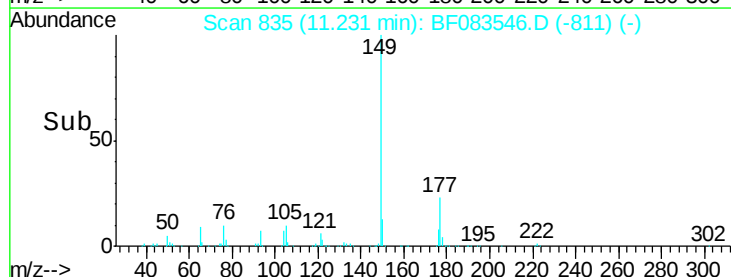
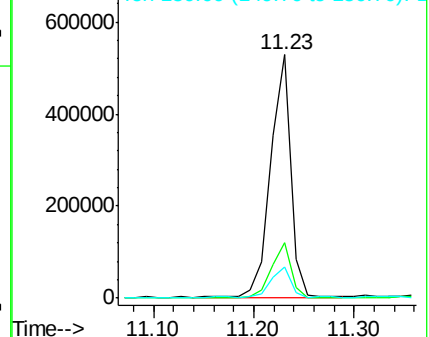
150 12.9 10.2 15.4

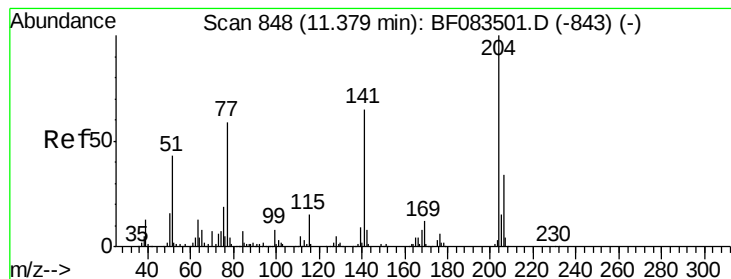


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 34.72 ng

RT: 11.36 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

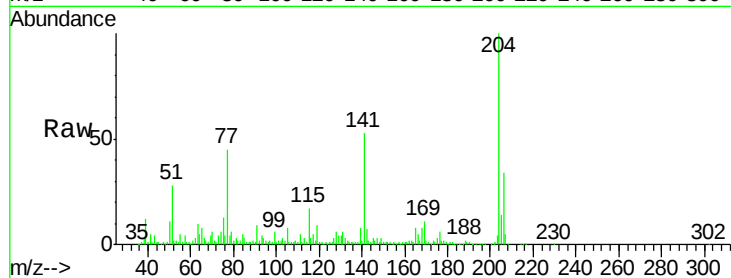
Tgt Ion:204 Resp: 320819

Ion Ratio Lower Upper

204 100

206 33.6 27.3 40.9

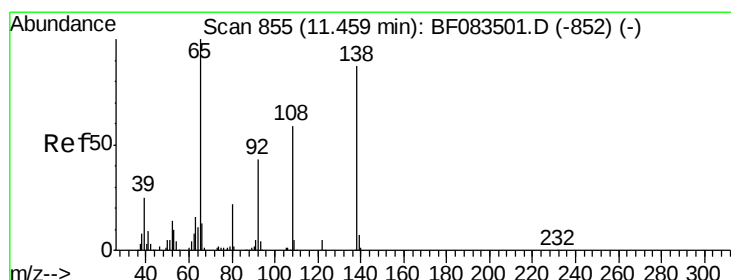
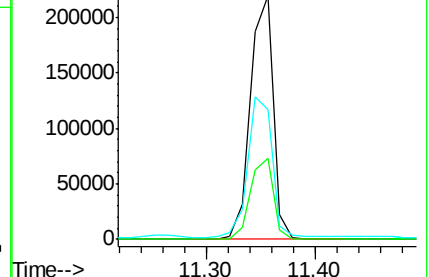
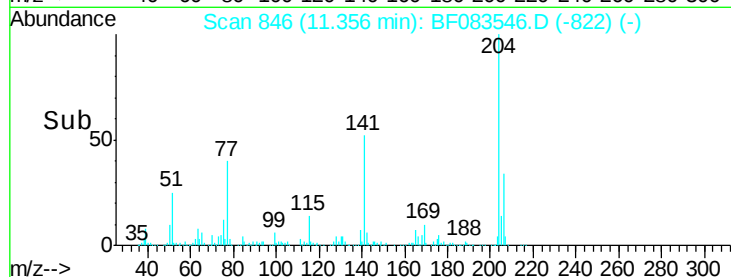
141 53.2 51.9 77.9



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 19.03 ng

RT: 11.42 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

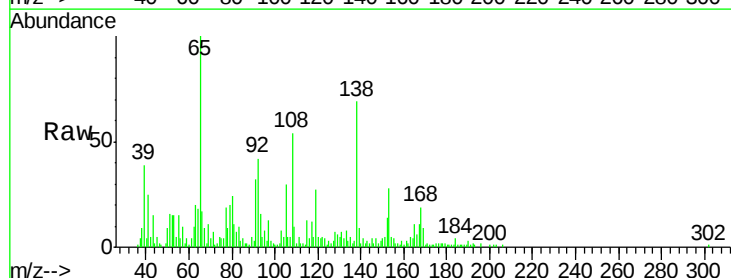
Tgt Ion:138 Resp: 78089

Ion Ratio Lower Upper

138 100

92 61.2 29.0 69.0

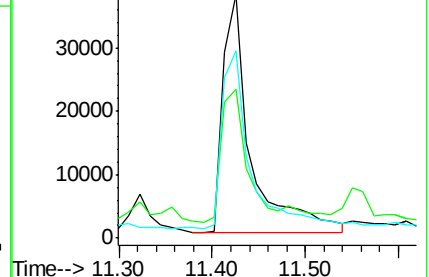
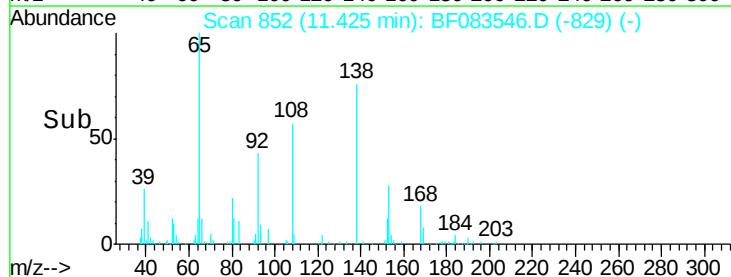
108 77.1 47.4 87.4

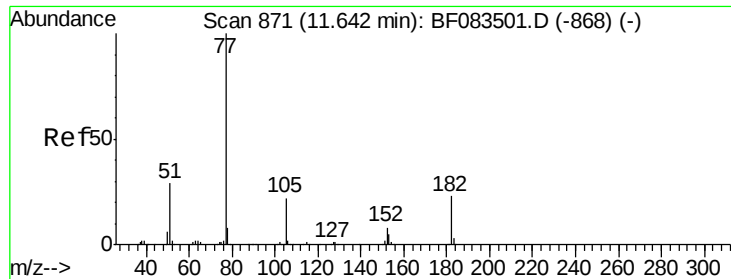


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

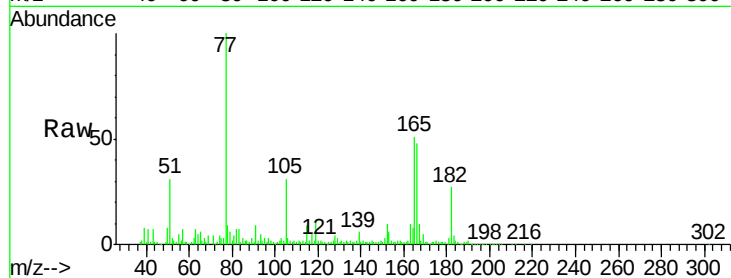




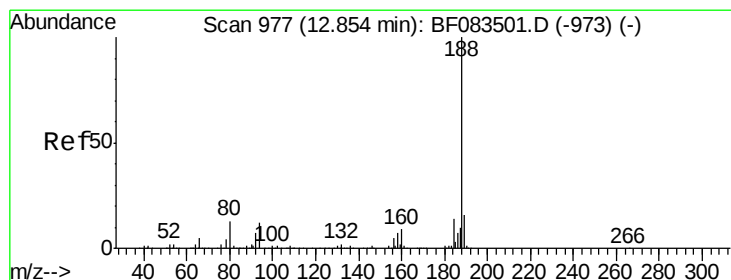
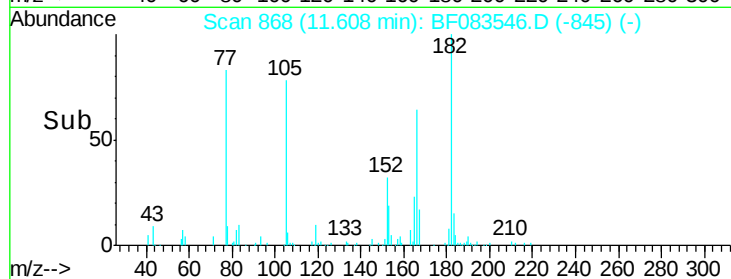
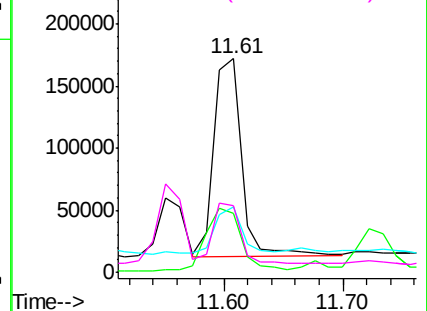
#62
Azobenzene
Concen: 12.62 ng
RT: 11.61 min Scan# 868
Delta R.T. -0.03 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

Instrument :
BNA_G
ClientSampleId :
K204-0-2MSD

Tgt Ion:	77	Resp:	258601
Ion	Ratio	Lower	Upper
77	100		
182	27.4	2.5	42.5
105	30.7	2.1	42.1
51	30.9	9.3	49.3

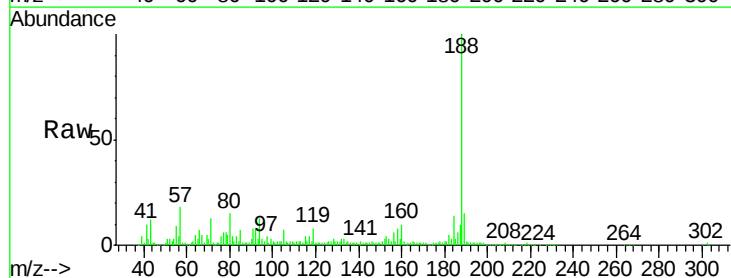


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

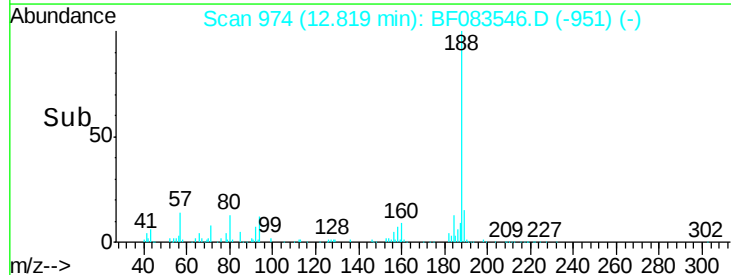
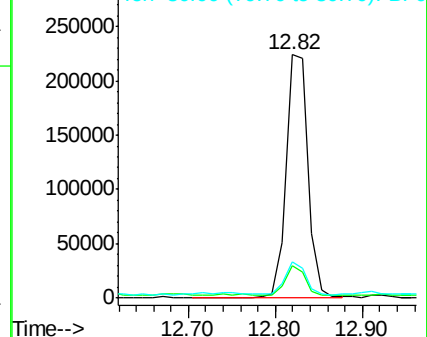


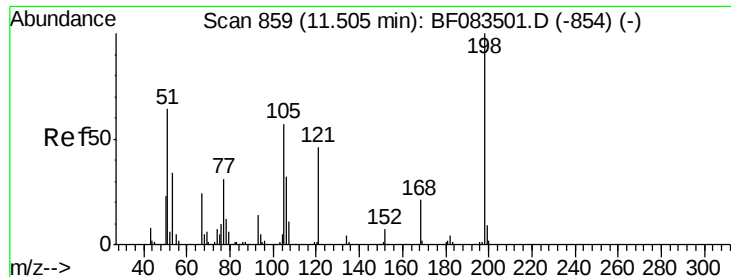
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

Tgt Ion:	188	Resp:	387825
Ion	Ratio	Lower	Upper
188	100		
94	13.2	9.4	14.2
80	15.0	10.6	16.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

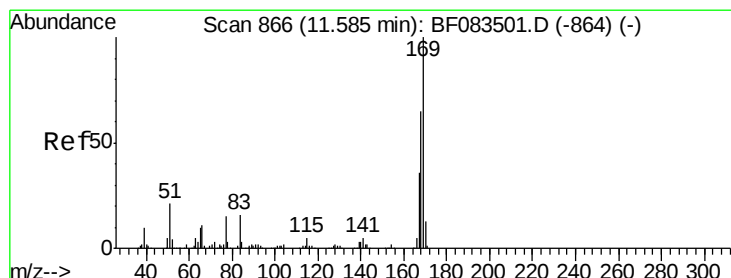
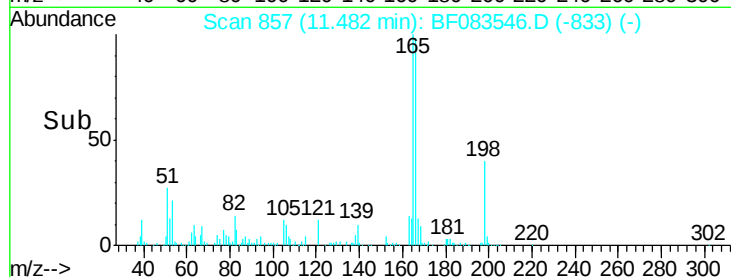
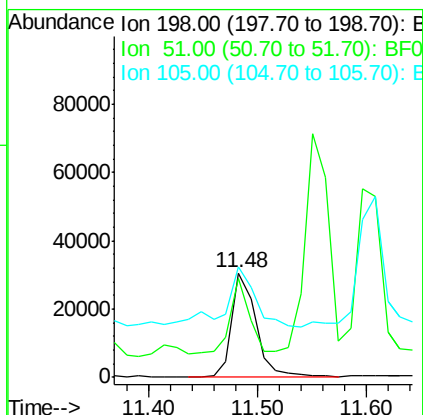
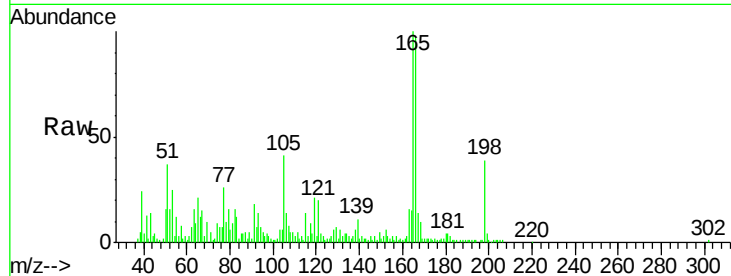




#64
 4,6-Dinitro-2-methylphenol
 Concen: 20.39 ng
 RT: 11.48 min Scan# 857
 Delta R.T. -0.02 min
 Lab File: BF083546.D
 Acq: 7 Dec 2015 6:49

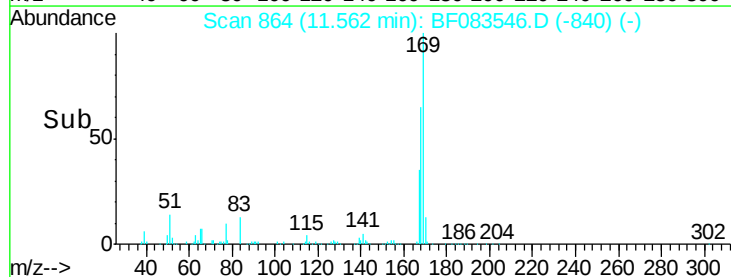
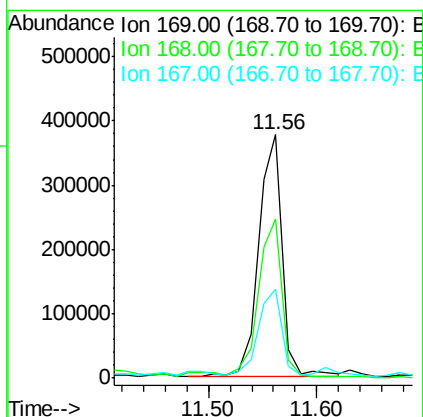
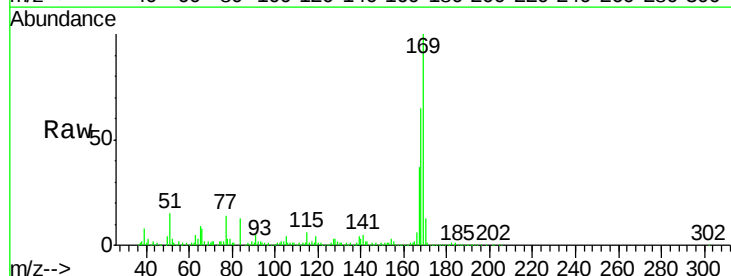
Instrument :
 BNA_G
 ClientSampleId :
 K204-0-2MSD

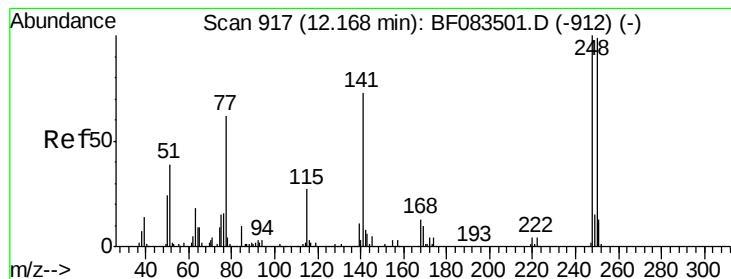
Tgt Ion:198 Resp: 47720
 Ion Ratio Lower Upper
 198 100
 51 94.1 53.8 93.8#
 105 105.5 38.6 78.6#



#65
 n-Nitrosodiphenylamine
 Concen: 44.69 ng
 RT: 11.56 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BF083546.D
 Acq: 7 Dec 2015 6:49

Tgt Ion:169 Resp: 573768
 Ion Ratio Lower Upper
 169 100
 168 65.4 53.0 79.6
 167 36.6 29.3 43.9





#66

4-Bromophenyl-phenylether

Concen: 40.65 ng

RT: 12.13 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

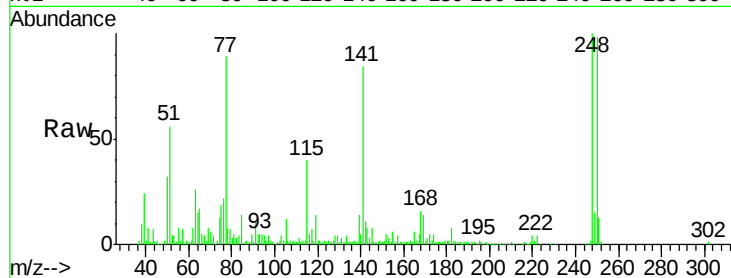
Tgt Ion:248 Resp: 172288

Ion Ratio Lower Upper

248 100

250 97.7 79.2 118.8

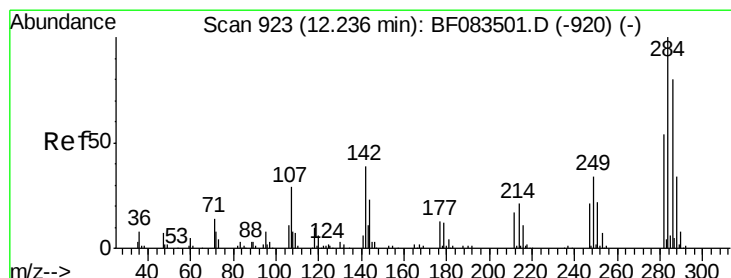
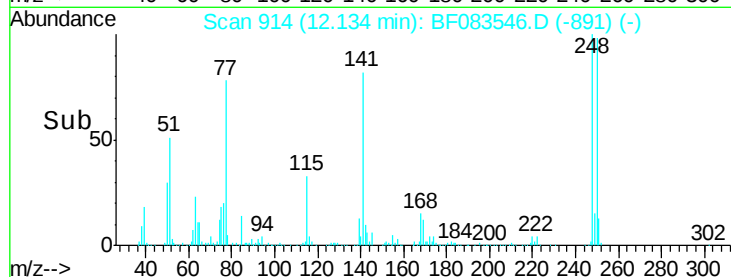
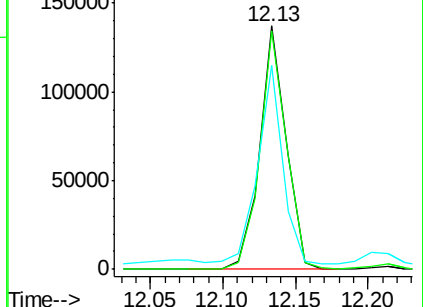
141 84.0 58.2 87.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 39.85 ng

RT: 12.21 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

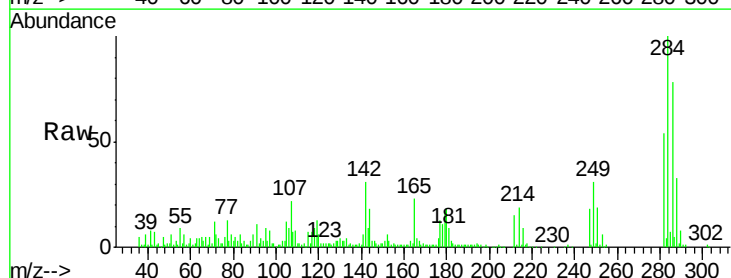
Tgt Ion:284 Resp: 180542

Ion Ratio Lower Upper

284 100

142 31.3 31.0 46.4

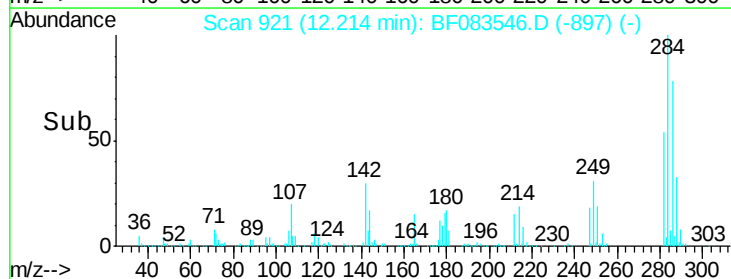
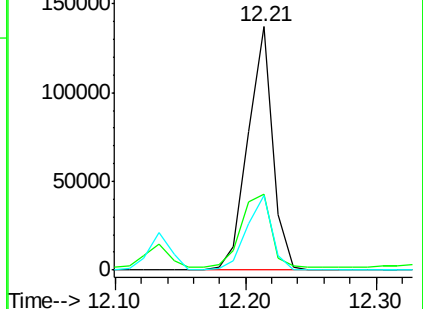
249 30.6 26.9 40.3

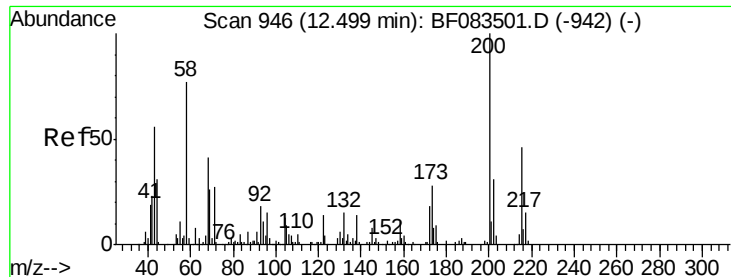


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

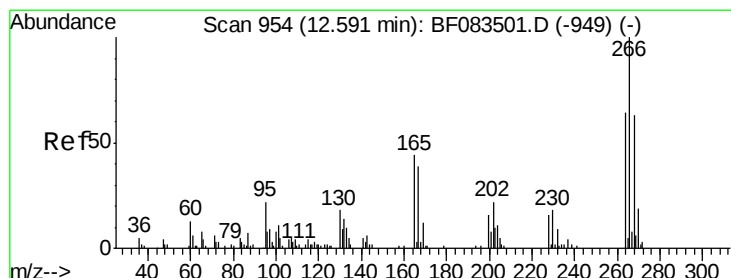
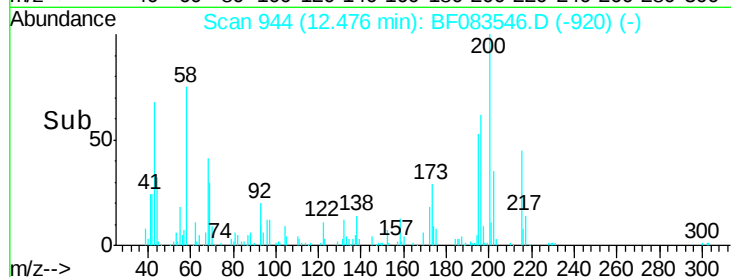
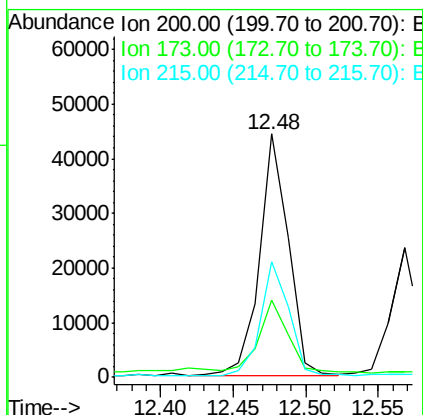
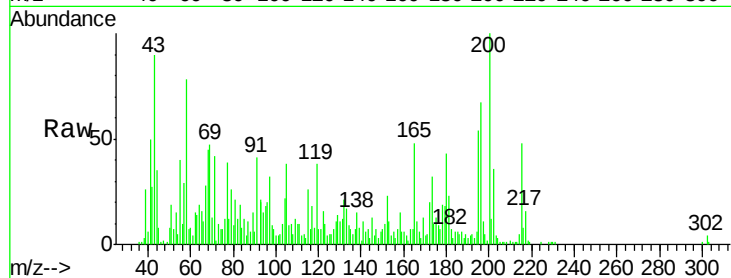




#68
Atrazine
Concen: 15.67 ng
RT: 12.48 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

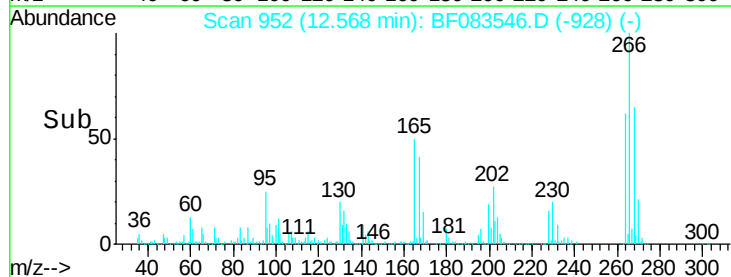
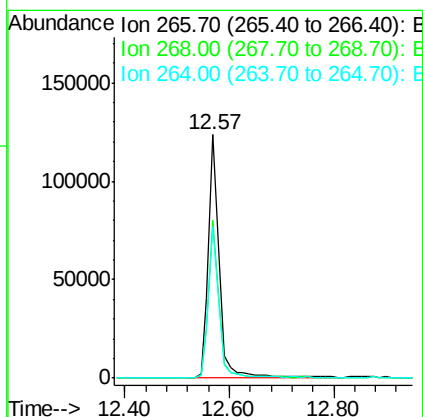
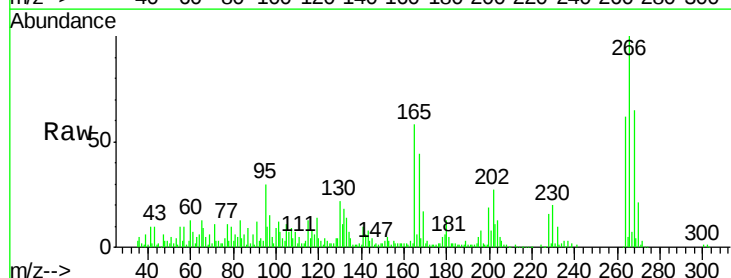
Instrument :
BNA_G
ClientSampled :
K204-0-2MSD

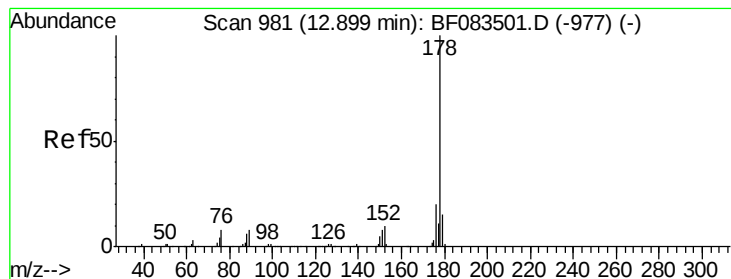
Tgt Ion:200 Resp: 60833
Ion Ratio Lower Upper
200 100
173 31.5 7.8 47.8
215 47.6 25.7 65.7



#69
Pentachlorophenol
Concen: 87.85 ng
RT: 12.57 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

Tgt Ion:266 Resp: 181855
Ion Ratio Lower Upper
266 100
268 64.7 50.2 75.2
264 62.2 51.4 77.2





#70

Phenanthrene

Concen: 104.47 ng

RT: 12.88 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

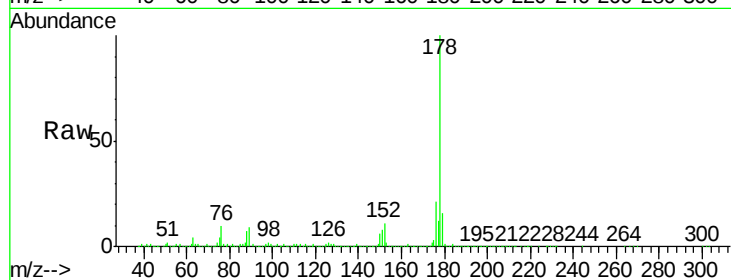
Tgt Ion:178 Resp: 2358411

Ion Ratio Lower Upper

178 100

176 20.7 15.7 23.5

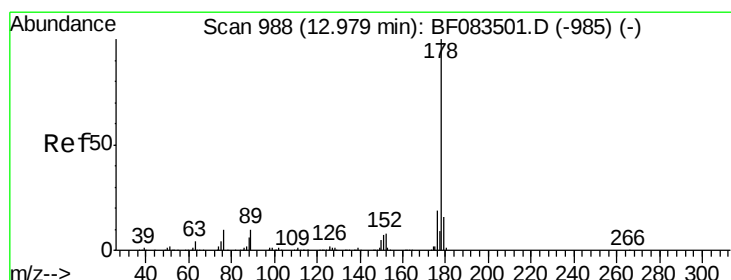
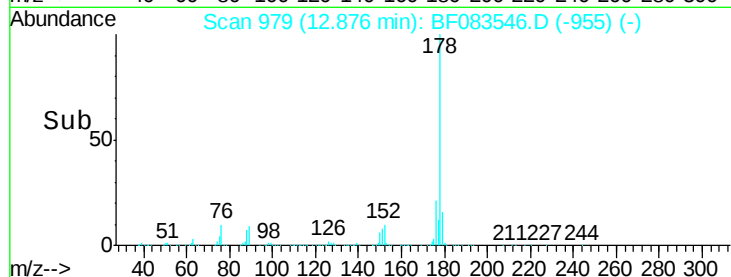
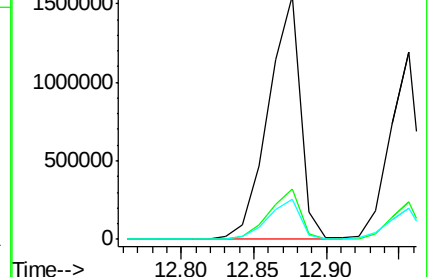
179 16.3 12.2 18.4



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: 68.96 ng

RT: 12.96 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

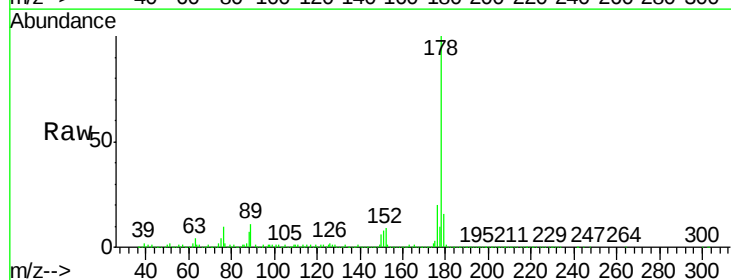
Tgt Ion:178 Resp: 1587737

Ion Ratio Lower Upper

178 100

176 20.1 15.2 22.8

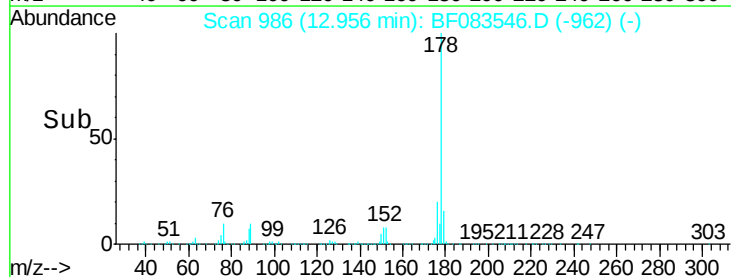
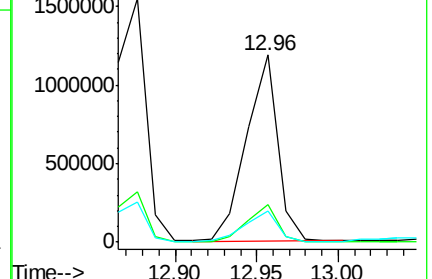
179 16.3 12.6 18.8

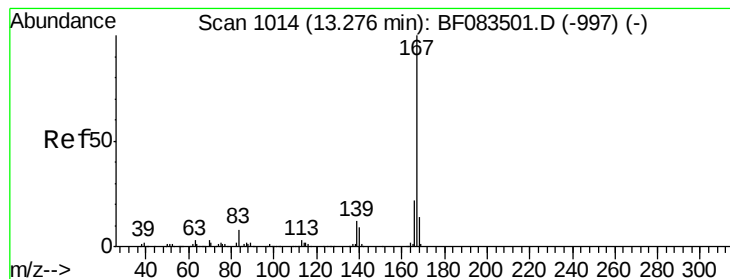


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 41.28 ng

RT: 13.25 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

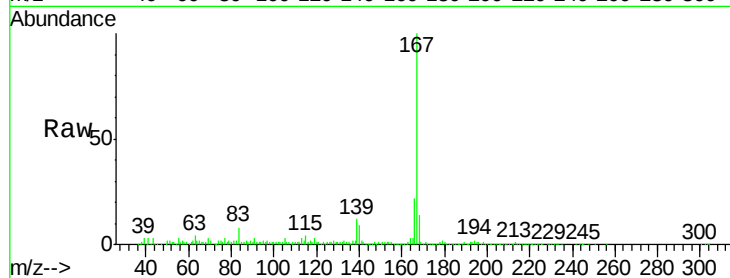
Tgt Ion:167 Resp: 816106

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

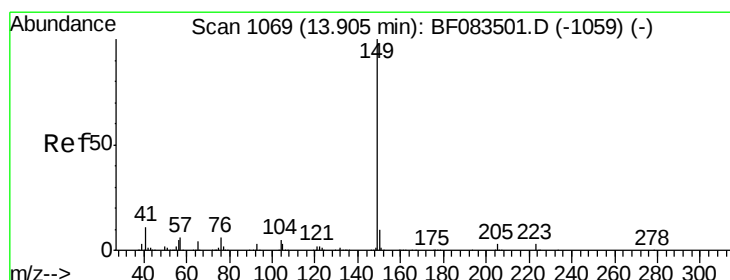
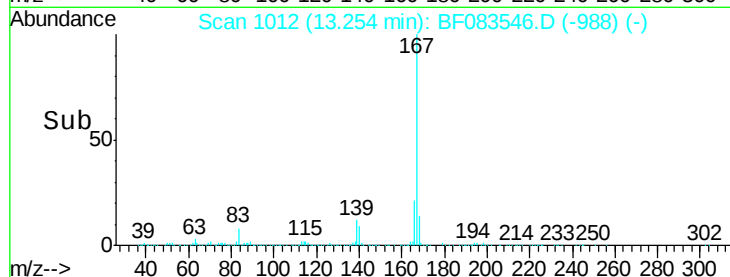
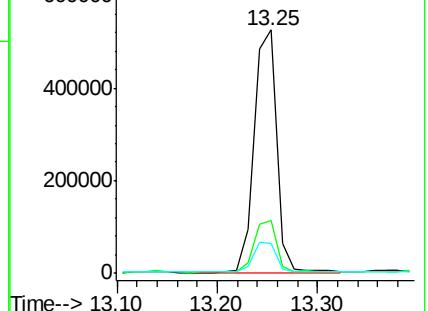
139 12.1 9.3 13.9



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: 41.41 ng

RT: 13.88 min Scan# 1067

Delta R.T. -0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

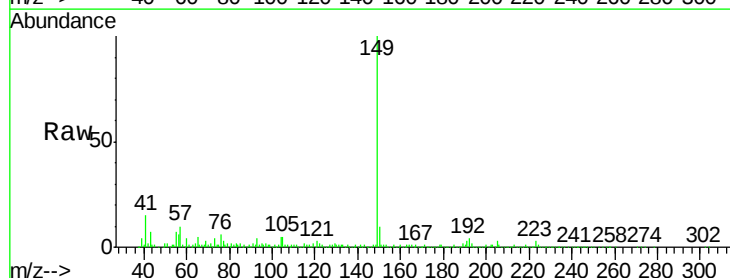
Tgt Ion:149 Resp: 985988

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

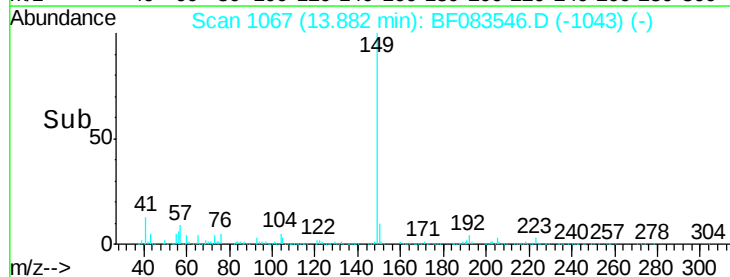
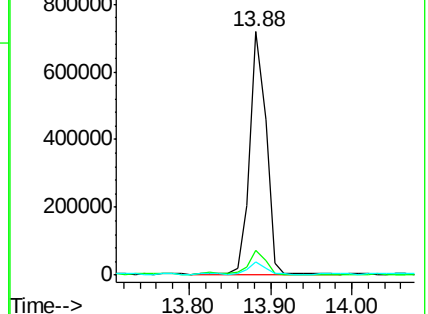
104 5.3 3.9 5.9

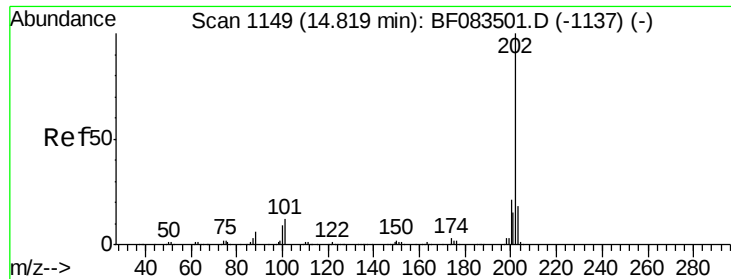


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 168.42 ng

RT: 14.82 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

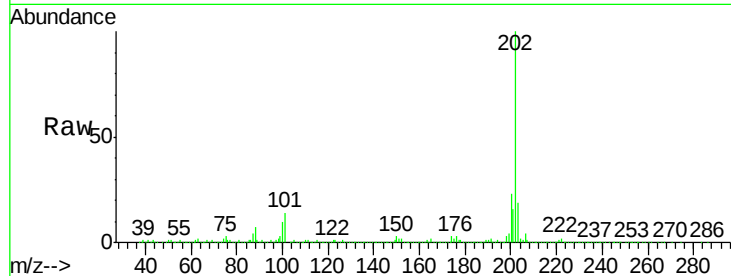
Tgt Ion:202 Resp: 3768160

Ion Ratio Lower Upper

202 100

101 13.7 0.0 31.5

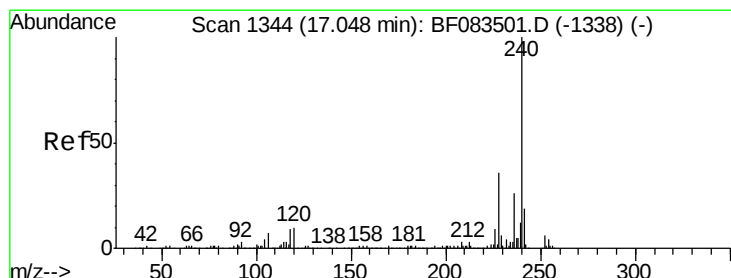
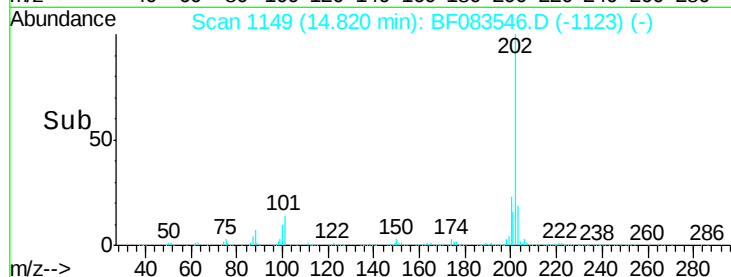
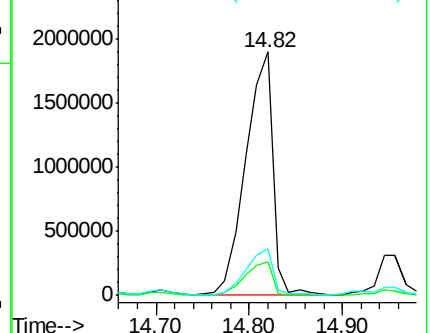
203 19.0 0.0 37.6



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: 20.00 ng

RT: 17.05 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

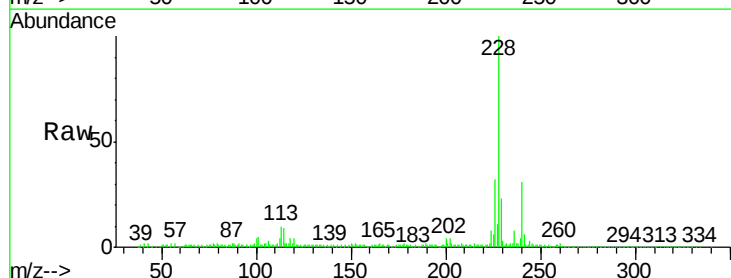
Tgt Ion:240 Resp: 279659

Ion Ratio Lower Upper

240 100

120 12.5 8.1 12.1#

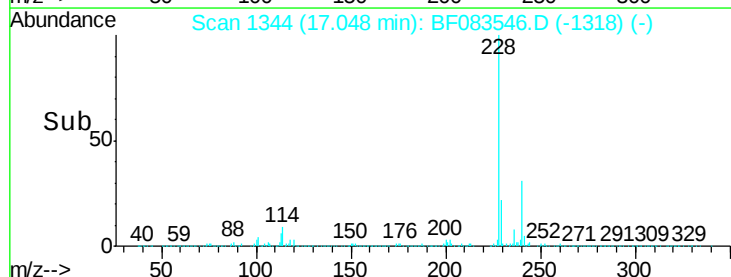
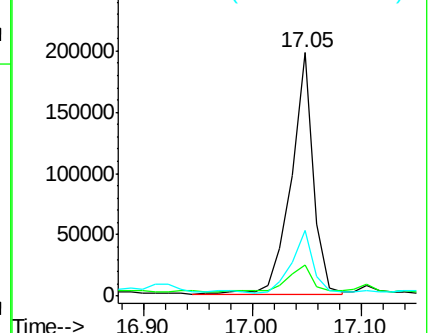
236 26.9 20.8 31.2

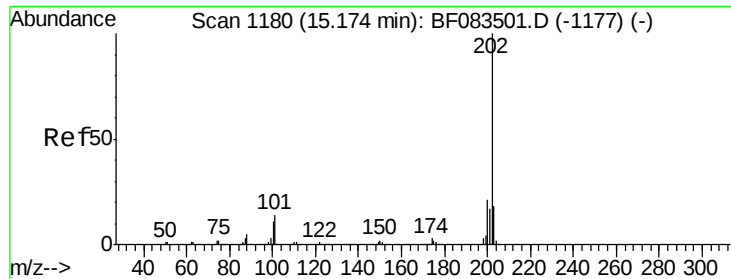


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 221.87 ng

RT: 15.19 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

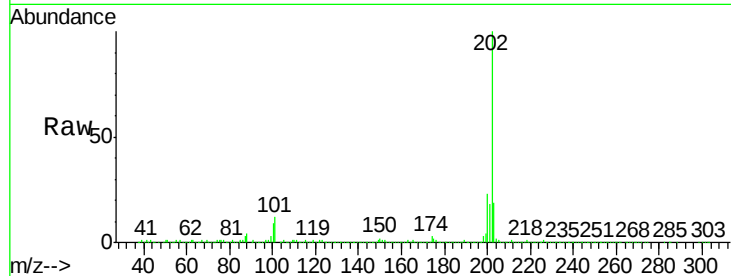
Tgt Ion:202 Resp: 4641482

Ion Ratio Lower Upper

202 100

200 22.7 16.7 25.1

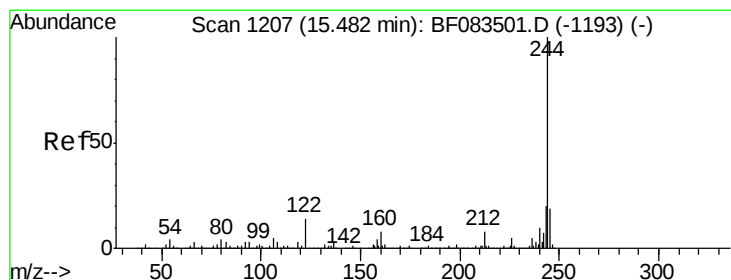
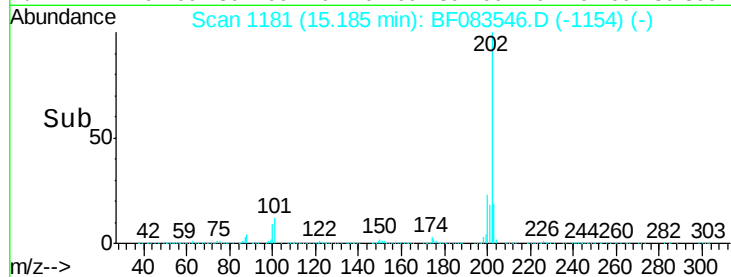
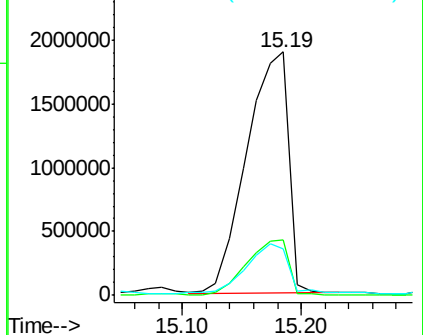
203 18.9 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.69 ng

RT: 15.47 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

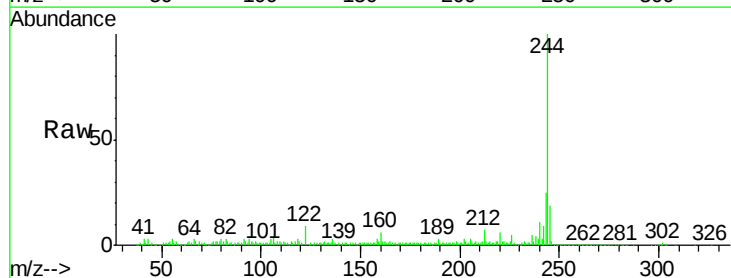
Tgt Ion:244 Resp: 863299

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

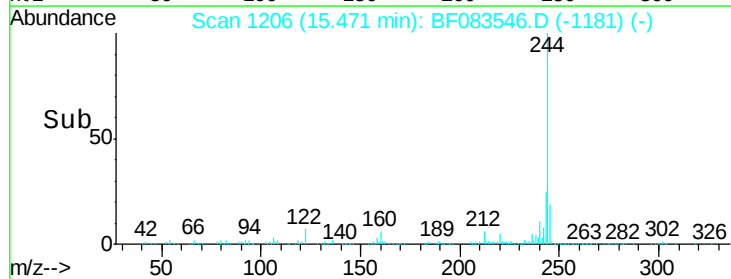
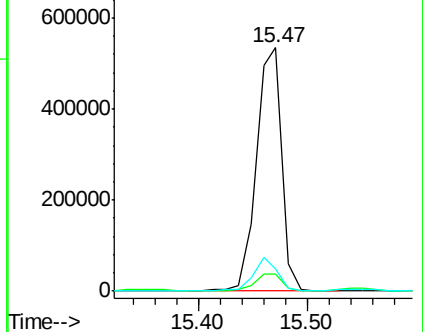
122 9.2 11.0 16.6#

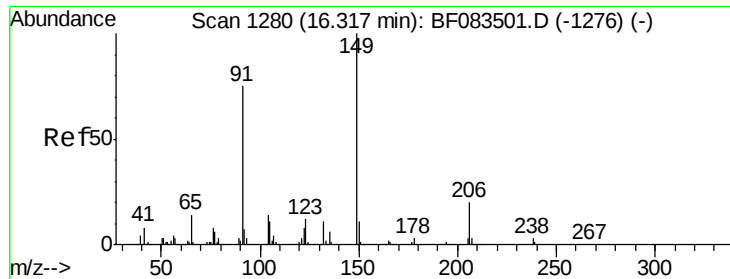


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

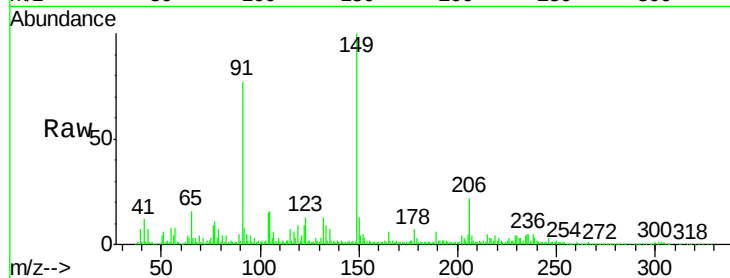




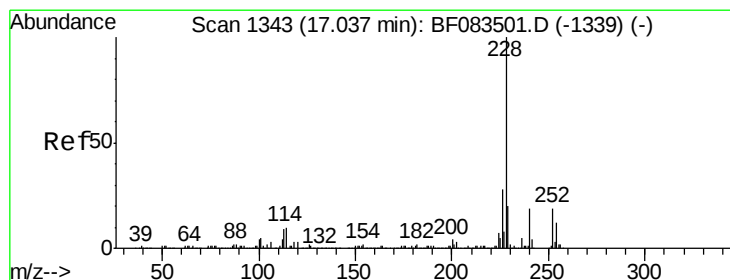
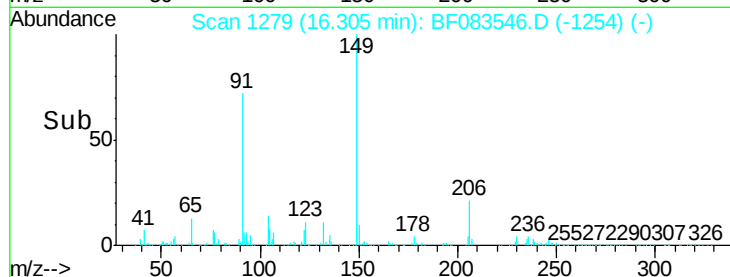
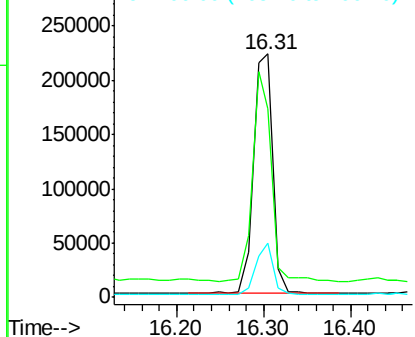
#79
Butylbenzylphthalate
Concen: 41.94 ng
RT: 16.31 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

Instrument :
BNA_G
ClientSampleId :
K204-0-2MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.3	60.0	90.0
206	22.0	16.2	24.4

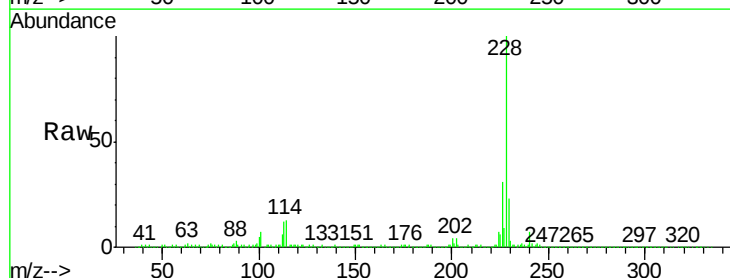


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

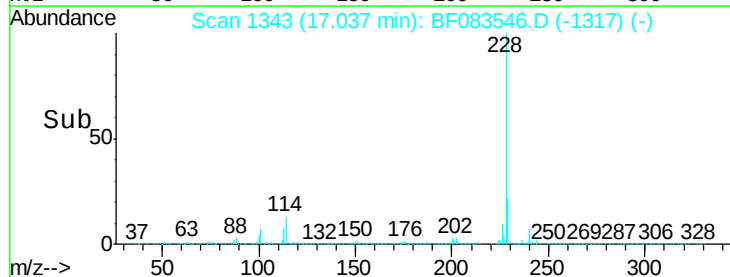
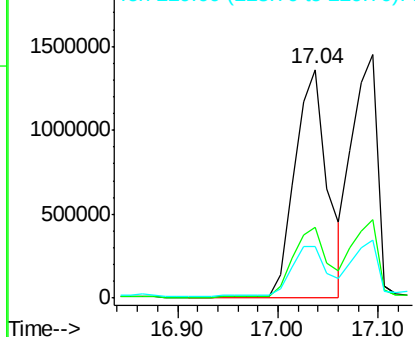


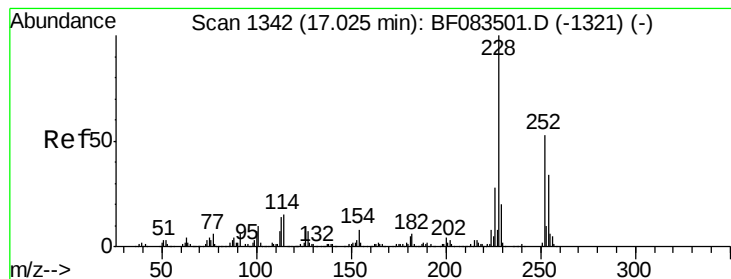
#80
Benzo(a)anthracene
Concen: 186.19 ng
RT: 17.04 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF083546.D
Acq: 7 Dec 2015 6:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.3	33.5
229	22.8	15.7	23.5



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

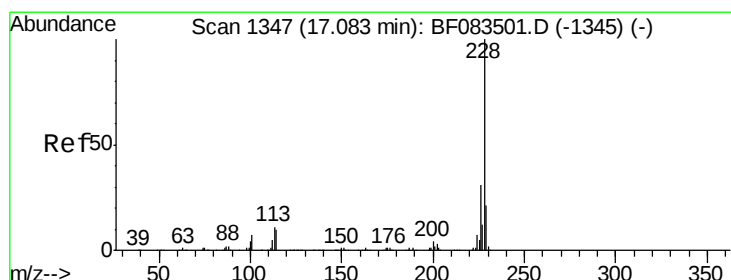
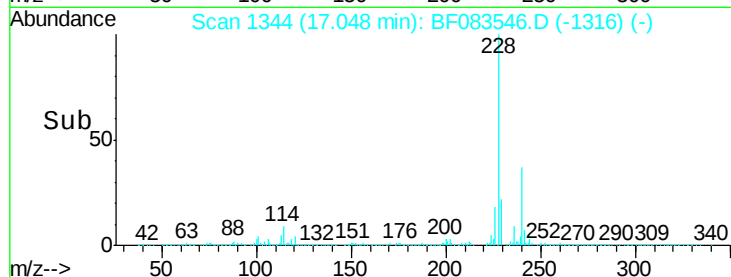
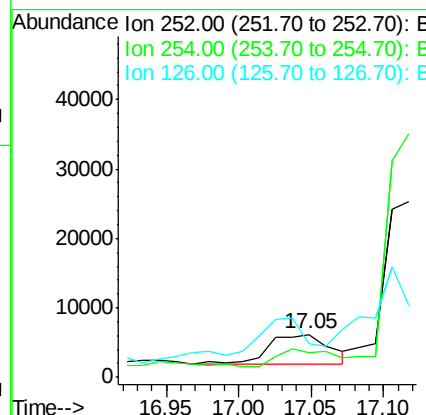
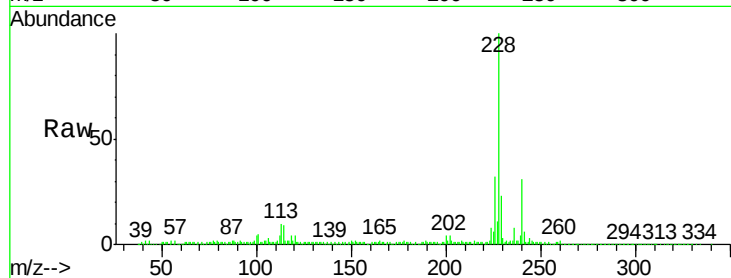




#81
 3,3'-Dichlorobenzidine
 Concen: 2.40 ng
 RT: 17.05 min Scan# 1344
 Delta R.T. 0.02 min
 Lab File: BF083546.D
 Acq: 7 Dec 2015 6:49

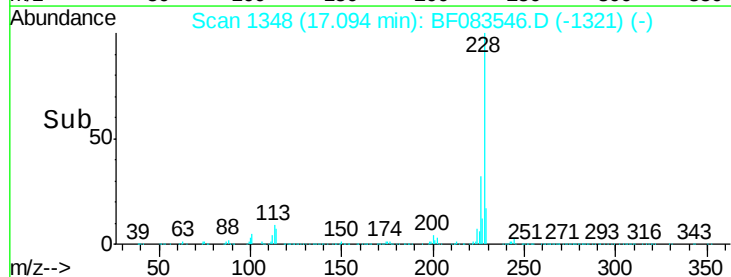
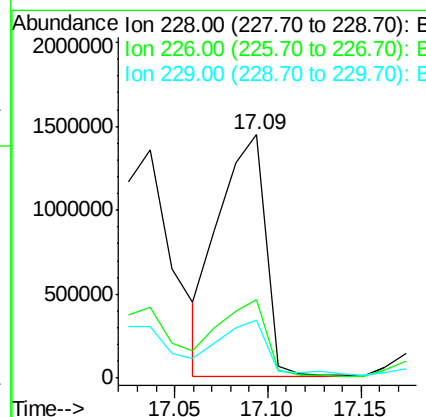
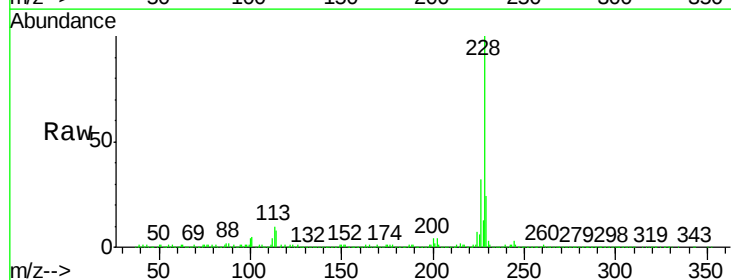
Instrument :
 BNA_G
 ClientSampleId :
 K204-0-2MSD

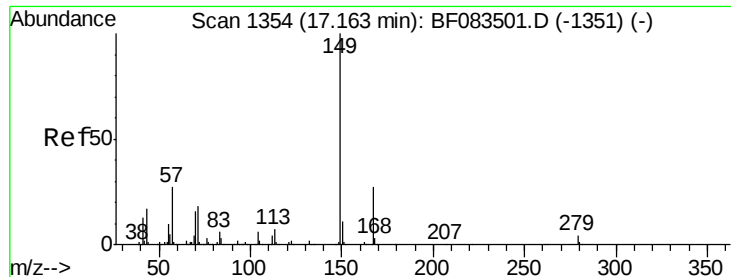
Tgt Ion: 252 Resp: 12537
 Ion Ratio Lower Upper
 252 100
 254 58.6 50.6 76.0
 126 77.9 11.0 16.4#



#82
 Chrysene
 Concen: 155.27 ng
 RT: 17.09 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF083546.D
 Acq: 7 Dec 2015 6:49

Tgt Ion: 228 Resp: 2530917
 Ion Ratio Lower Upper
 228 100
 226 32.3 24.7 37.1
 229 23.7 16.3 24.5

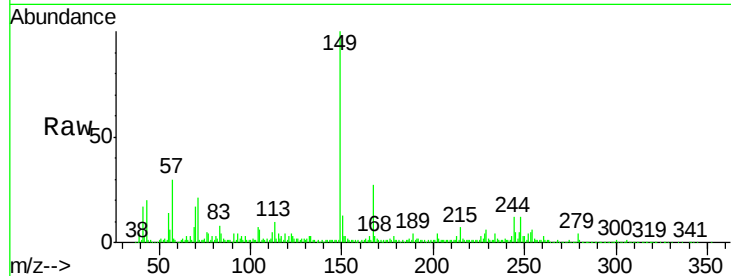




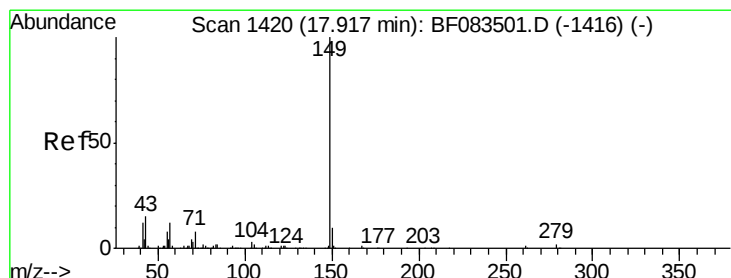
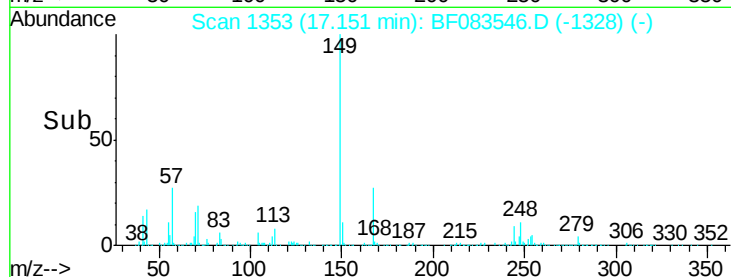
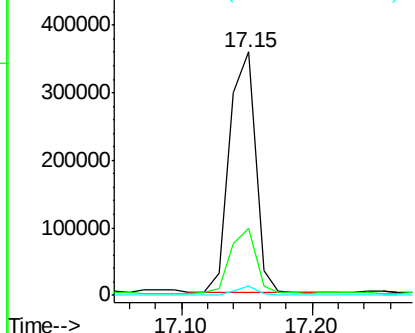
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.68 ng
 RT: 17.15 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF083546.D
 Acq: 7 Dec 2015 6:49

Instrument :
 BNA_G
 ClientSampleId :
 K204-0-2MSD

Tgt Ion:149 Resp: 493172
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.8
 279 3.8 3.0 4.4

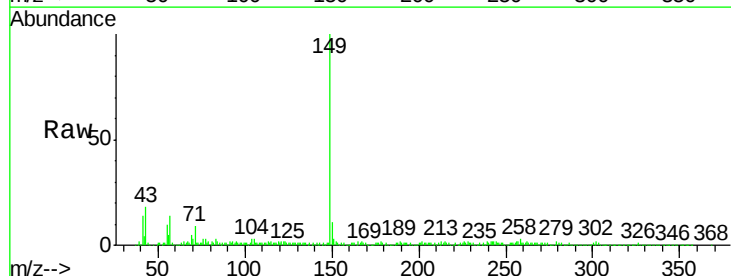


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

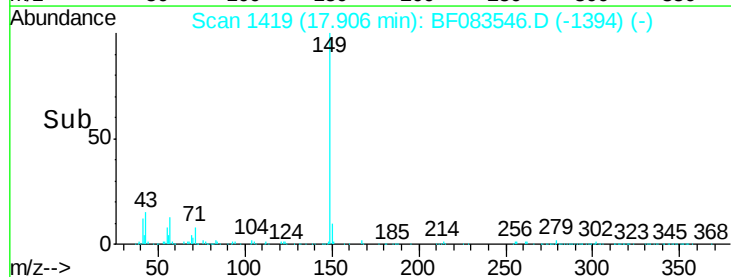
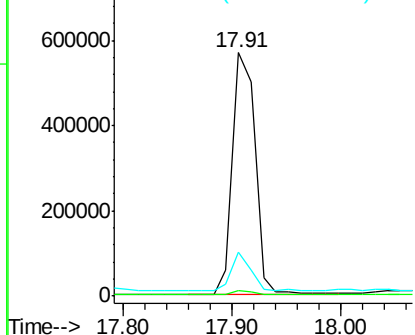


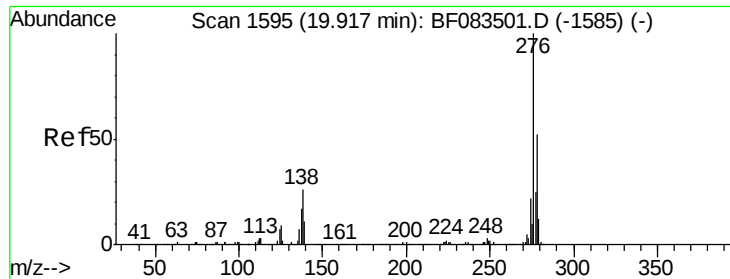
#84
 Di-n-octyl phthalate
 Concen: 53.02 ng
 RT: 17.91 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF083546.D
 Acq: 7 Dec 2015 6:49

Tgt Ion:149 Resp: 816222
 Ion Ratio Lower Upper
 149 100
 167 2.2 0.0 0.0#
 43 13.4 0.0 0.0#



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): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 110.36 ng

RT: 19.94 min Scan# 1597

Delta R.T. 0.02 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

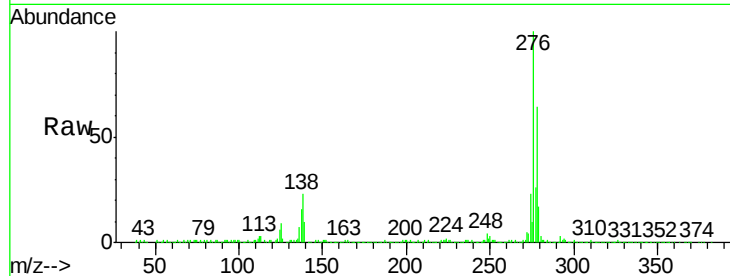
Tgt Ion:276 Resp: 1542040

Ion Ratio Lower Upper

276 100

138 24.4 0.0 0.0#

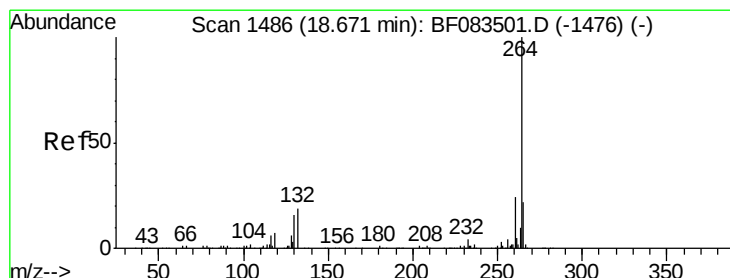
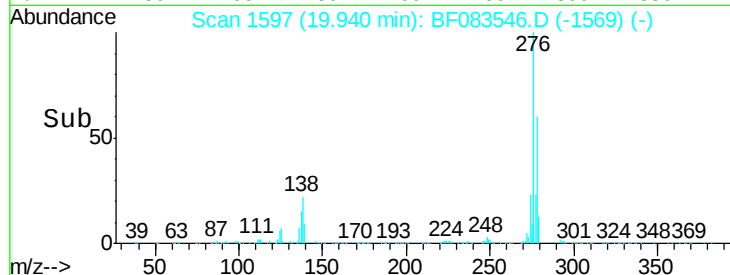
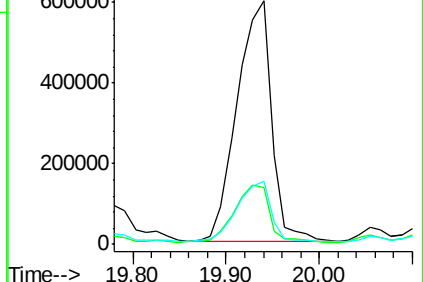
277 24.8 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.67 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

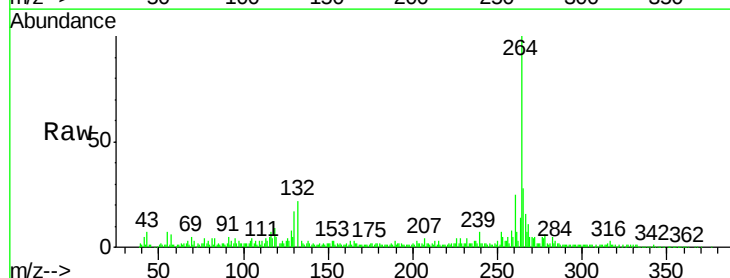
Tgt Ion:264 Resp: 260043

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.0

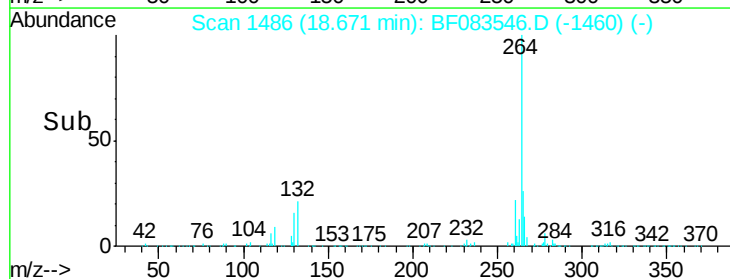
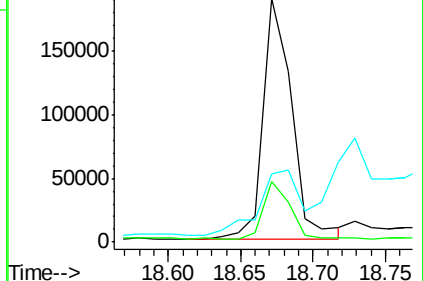
265 28.2 17.8 26.6#

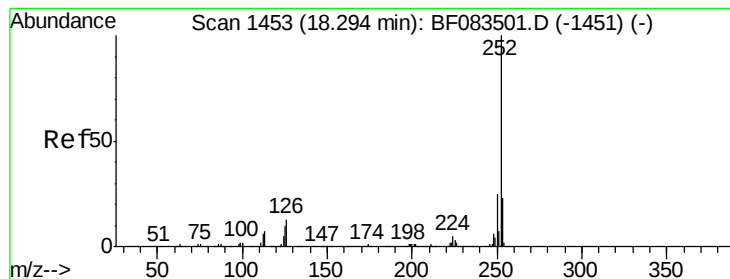


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 250.49 ng

RT: 18.31 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

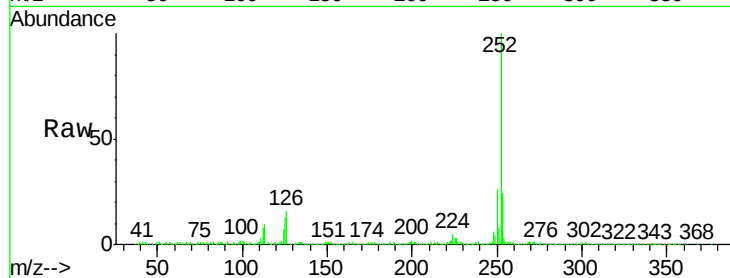
Tgt Ion:252 Resp: 3658198

Ion Ratio Lower Upper

252 100

253 24.2 18.2 27.4

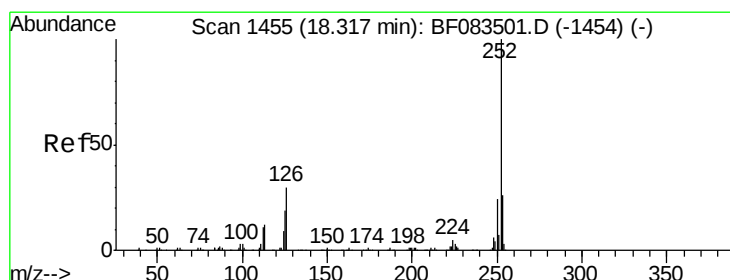
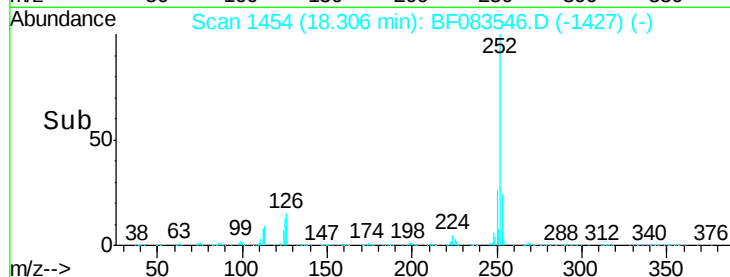
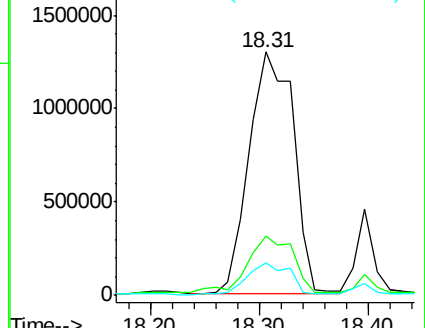
125 13.3 8.2 12.4#



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



#88

Benzo(k)fluoranthene

Concen: 244.53 ng

RT: 18.31 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

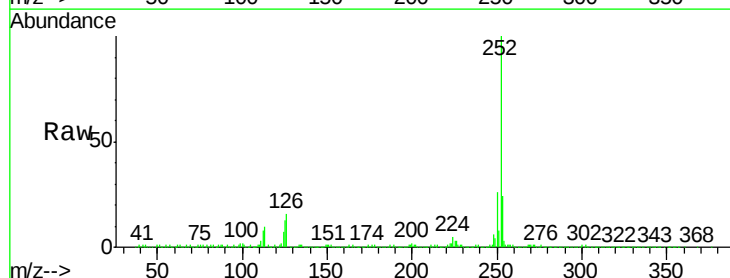
Tgt Ion:252 Resp: 3658198

Ion Ratio Lower Upper

252 100

253 24.2 18.6 27.8

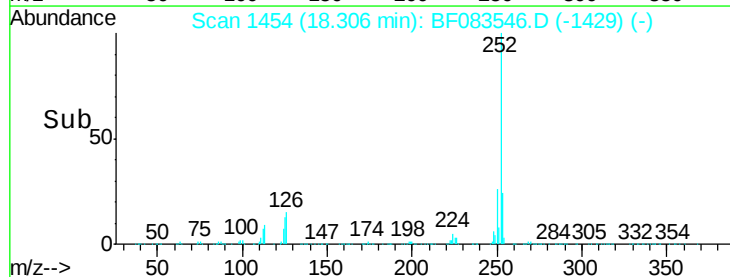
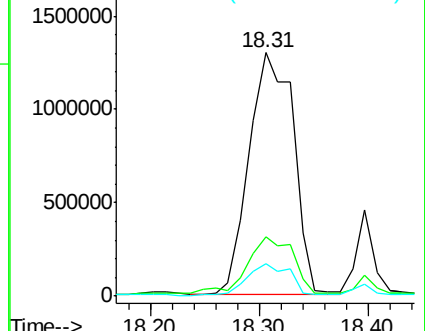
125 13.3 11.5 17.3

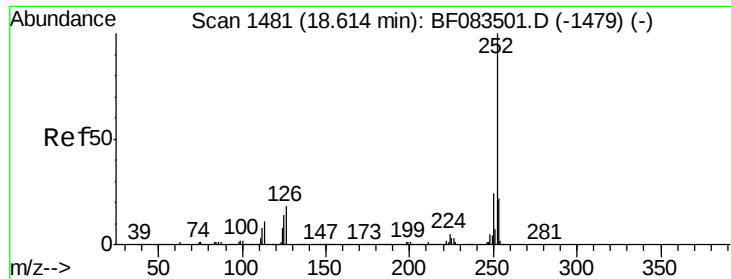


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 145.44 ng

RT: 18.63 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD

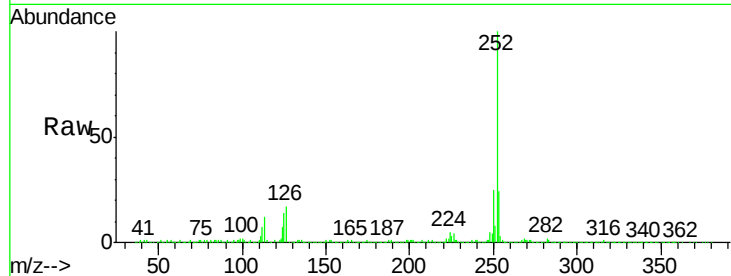
Tgt Ion:252 Resp: 2066025

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

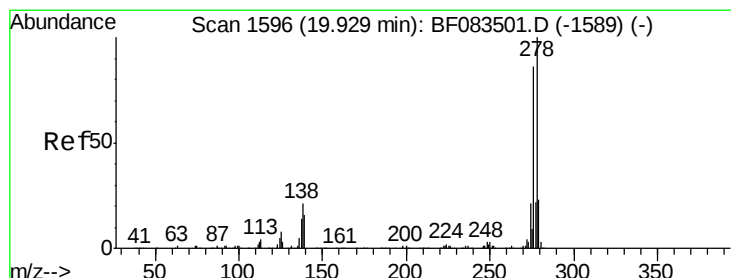
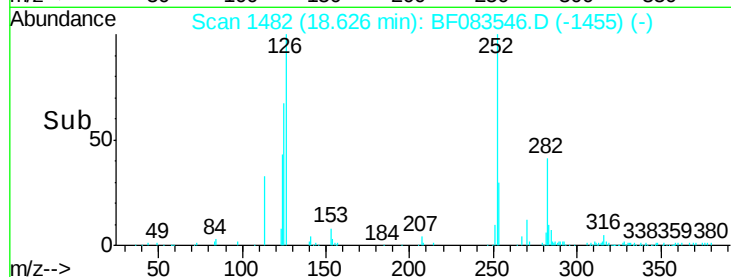
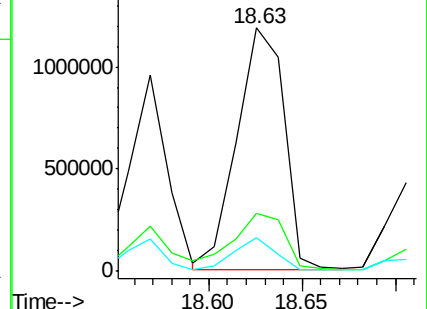
125 13.6 11.0 16.6



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: 57.78 ng

RT: 19.94 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF083546.D

Acq: 7 Dec 2015 6:49

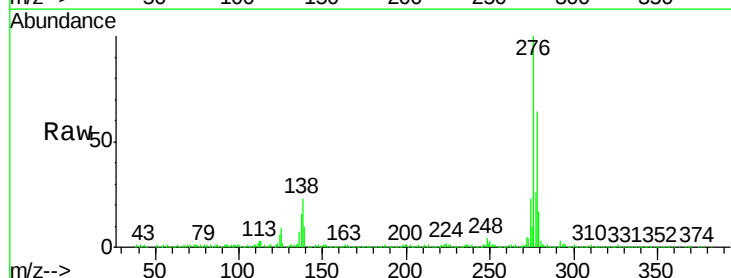
Tgt Ion:278 Resp: 789738

Ion Ratio Lower Upper

278 100

139 14.9 12.8 19.2

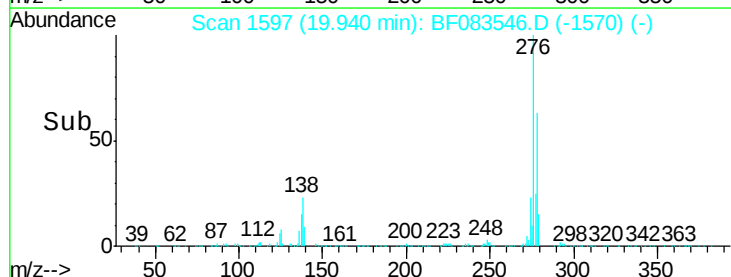
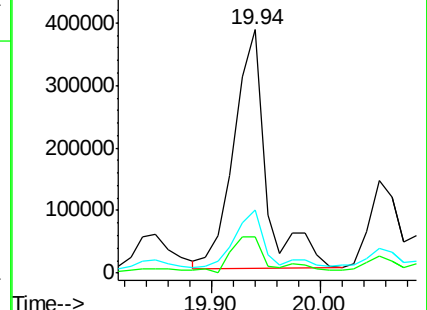
279 25.9 18.6 28.0

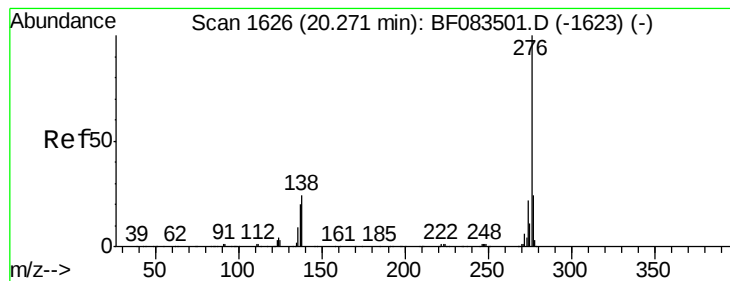


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 106.49 ng

RT: 20.29 min Scan# 1628

Delta R.T. 0.02 min

Lab File: BF083546.D

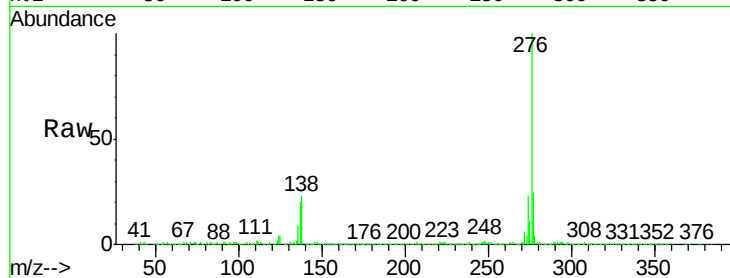
Acq: 7 Dec 2015 6:49

Instrument :

BNA_G

ClientSampleId :

K204-0-2MSD



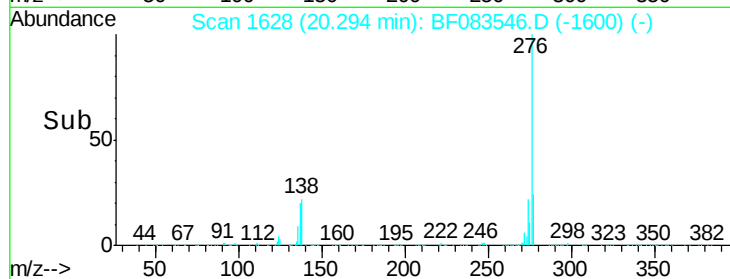
Tgt Ion: 276 Resp: 1466600

Ion Ratio Lower Upper

276 100

277 25.0 19.2 28.8

138 23.4 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

