

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082909.D
 Acq On : 13 Nov 2015 20:56
 Operator : UM/IZ
 Sample : G4370-06MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Quant Time: Nov 13 22:26:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	263138	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	995496	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	465368	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	778504	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	531564	20.00	ng	-0.05
86) Perylene-d12	15.39	264	577850	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	340253	20.12	ng	-0.03
7) Phenol-d6	6.46	99	472872	21.03	ng	-0.01
23) Nitrobenzene-d5	7.37	82	287140	12.55	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	88116	16.51	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	446477	13.75	ng	-0.05
78) Terphenyl-d14	12.92	244	329912	14.72	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	201728	27.64	ng	96
3) Pyridine	3.09	79	636784	30.07	ng	95
4) n-Nitrosodimethylamine	3.04	42	278966	26.56	ng	# 67
6) Aniline	6.54	93	1285156	40.71	ng	# 59
8) 2-Chlorophenol	6.60	128	575285	30.69	ng	94
9) Benzaldehyde	6.34	77	40915	3.29	ng	99
10) Phenol	6.48	94	754771	29.59	ng	87
11) bis(2-Chloroethyl)ether	6.54	93	1285156	67.37	ng	# 81
12) 1,3-Dichlorobenzene	6.82	146	572768	27.09	ng	95
13) 1,4-Dichlorobenzene	6.82	146	572768	26.04	ng	97
14) 1,2-Dichlorobenzene	6.98	146	600132	30.00	ng	99
15) Benzyl Alcohol	6.96	79	494661	25.05	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	837565	29.93	ng	# 29
17) 2-Methylphenol	7.09	107	473023	29.79	ng	# 92
18) Hexachloroethane	7.32	117	158944	20.20	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	450494	27.26	ng	87
20) 3+4-Methylphenols	7.24	107	606728	29.39	ng	# 60
22) Acetophenone	7.22	105	810756	28.42	ng	# 96
24) Nitrobenzene	7.39	77	680473	29.08	ng	95
25) Isophorone	7.64	82	1211440	28.62	ng	# 94
26) 2-Nitrophenol	7.71	139	270874	27.74	ng	# 75
27) 2,4-Dimethylphenol	7.77	122	479153	27.31	ng	93
28) bis(2-Chloroethoxy)methane	7.85	93	654867	27.43	ng	# 98
29) 2,4-Dichlorophenol	7.96	162	435702	27.47	ng	89
30) 1,2,4-Trichlorobenzene	8.04	180	513873	28.81	ng	95
31) Naphthalene	8.12	128	1569677	28.58	ng	100
32) Benzoic acid	7.87	122	163976	13.65	ng	89
33) 4-Chloroaniline	8.18	127	369726	15.62	ng	# 89
34) Hexachlorobutadiene	8.25	225	286752	25.69	ng	98
35) Caprolactam	8.54	113	140226	28.05	ng	# 60
36) 4-Chloro-3-methylphenol	8.67	107	487260	26.13	ng	90
37) 2-Methylnaphthalene	8.81	142	921457	25.93	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	475667	31.10	ng	99
40) Hexachlorocyclopentadiene	8.97	237	41642	5.07	ng	98

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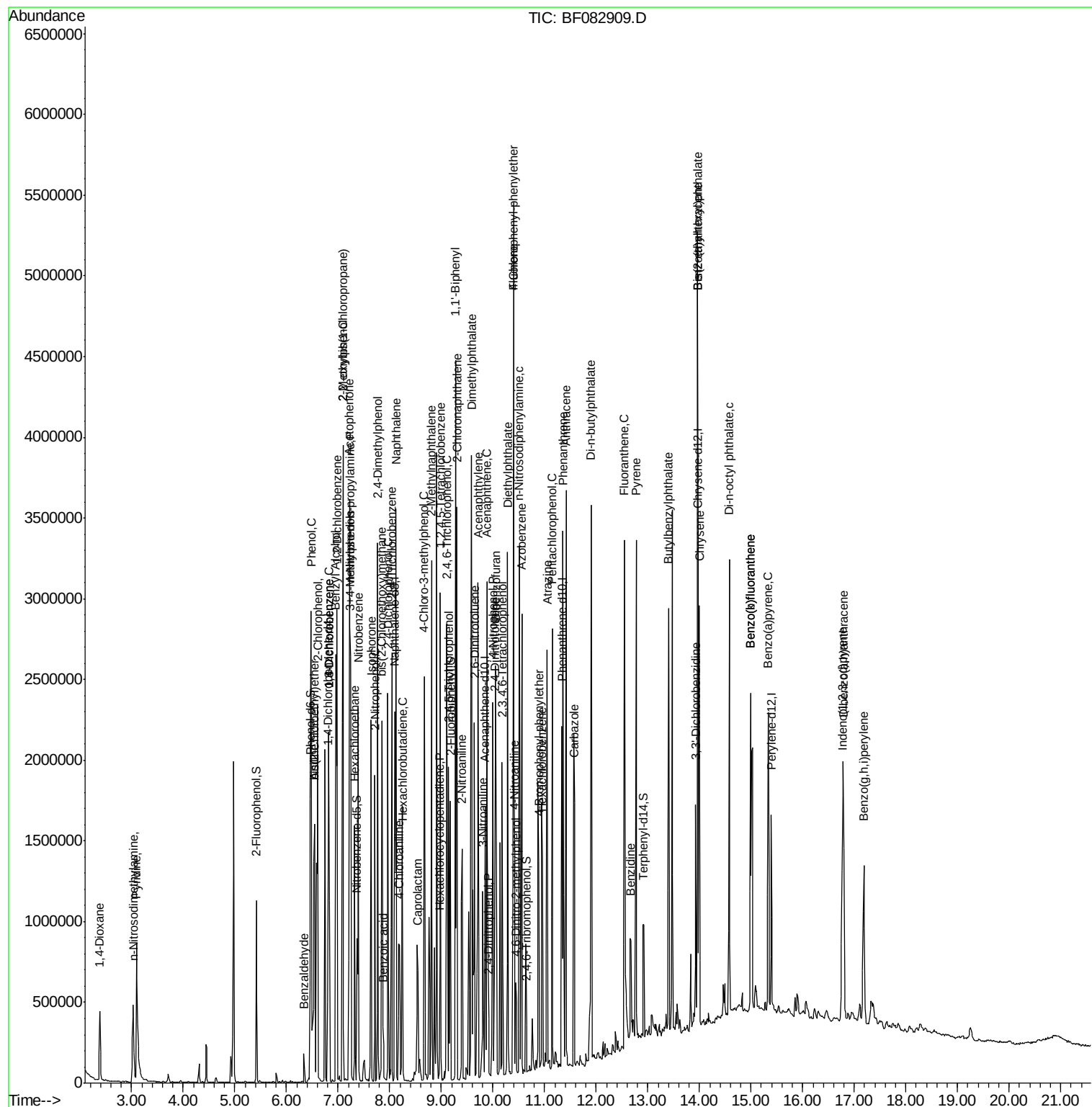
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	324212	28.40	ng	97
43) 2,4,5-Trichlorophenol	9.14	196	316803	28.06	ng	95
45) 1,1'-Biphenyl	9.28	154	1160027	29.05	ng	97
46) 2-Chloronaphthalene	9.30	162	935355	30.03	ng	99
47) 2-Nitroaniline	9.40	65	340236	29.44	ng	# 44
48) Acenaphthylene	9.71	152	1334517	27.34	ng	99
49) Dimethylphthalate	9.58	163	1568945	41.15	ng	100
50) 2,6-Dinitrotoluene	9.64	165	265468	32.63	ng	# 84
51) Acenaphthene	9.88	154	852722	27.56	ng	99
52) 3-Nitroaniline	9.80	138	185941	20.78	ng	92
53) 2,4-Dinitrophenol	9.92	184	110931	24.84	ng	# 1
54) Dibenzofuran	10.05	168	1233265	29.57	ng	94
55) 4-Nitrophenol	10.00	139	413888	60.30	ng	# 77
56) 2,4-Dinitrotoluene	10.04	165	348822	31.60	ng	# 86
57) Fluorene	10.40	166	902925	26.73	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	249334	27.06	ng	# 88
59) Diethylphthalate	10.28	149	1105850	29.71	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	504572	29.85	ng	98
61) 4-Nitroaniline	10.42	138	209022	23.23	ng	# 79
62) Azobenzene	10.56	77	1308807	32.73	ng	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	107440	19.37	ng	79
65) n-Nitrosodiphenylamine	10.51	169	785303	27.92	ng	98
66) 4-Bromophenyl-phenylether	10.89	248	296341	31.61	ng	97
67) Hexachlorobenzene	10.96	284	315353	30.13	ng	# 55
68) Atrazine	11.05	200	258016	29.67	ng	96
69) Pentachlorophenol	11.15	266	313563	49.33	ng	99
70) Phenanthrene	11.36	178	1299846	28.75	ng	98
71) Anthracene	11.41	178	1453401	30.52	ng	99
72) Carbazole	11.57	167	1185008	28.43	ng	# 95
73) Di-n-butylphthalate	11.90	149	1560333	30.04	ng	99
74) Fluoranthene	12.54	202	1201071	24.76	ng	99
76) Benzidine	12.67	184	316465	17.76	ng	99
77) Pyrene	12.77	202	1252014	34.30	ng	98
79) Butylbenzylphthalate	13.40	149	575309	35.67	ng	89
80) Benzo(a)anthracene	13.96	228	1015915	30.56	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	311969	26.40	ng	# 97
82) Chrysene	14.00	228	812385	26.68	ng	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	731121	33.12	ng	# 96
84) Di-n-octyl phthalate	14.58	149	1287000	34.95	ng	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	1021377	38.95	ng	# 95
87) Benzo(b)fluoranthene	14.99	252	1996599	53.83	ng	# 97
88) Benzo(k)fluoranthene	14.99	252	1996599	60.68	ng	# 96
89) Benzo(a)pyrene	15.33	252	957757	29.80	ng	# 95
90) Dibenzo(a,h)anthracene	16.79	278	854392	31.40	ng	# 96
91) Benzo(g,h,i)perylene	17.19	276	812598	31.18	ng	# 94

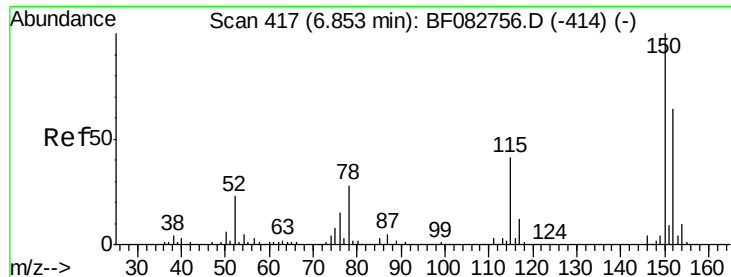
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

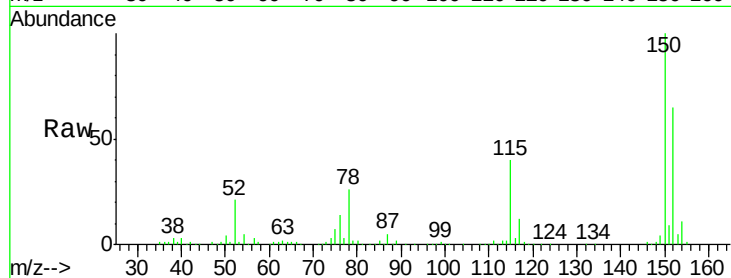
Tgt Ion:152 Resp: 263138

Ion Ratio Lower Upper

152 100

150 153.3 127.0 190.4

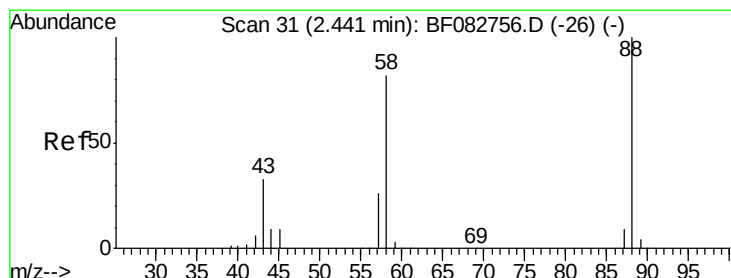
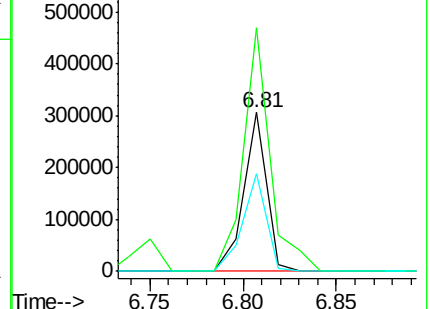
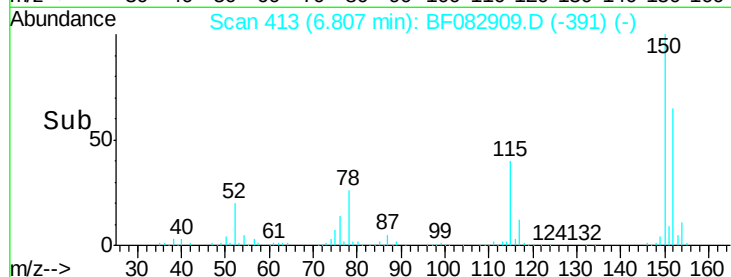
115 61.1 47.0 70.6



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



#2

1,4-Dioxane

Concen: 27.64 ng

RT: 2.38 min Scan# 26

Delta R.T. -0.06 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

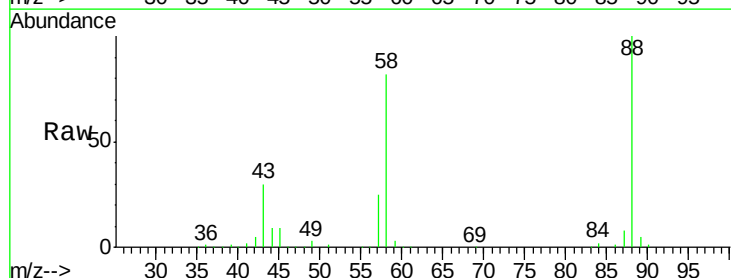
Tgt Ion: 88 Resp: 201728

Ion Ratio Lower Upper

88 100

58 80.7 62.0 93.0

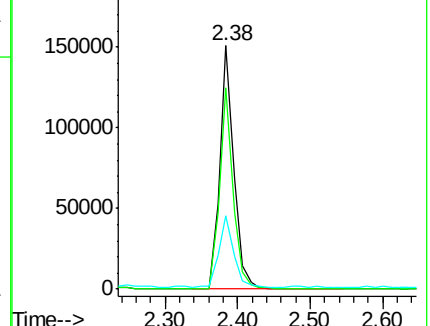
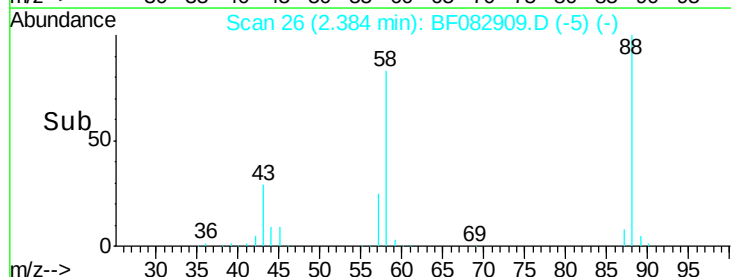
43 30.1 26.6 40.0

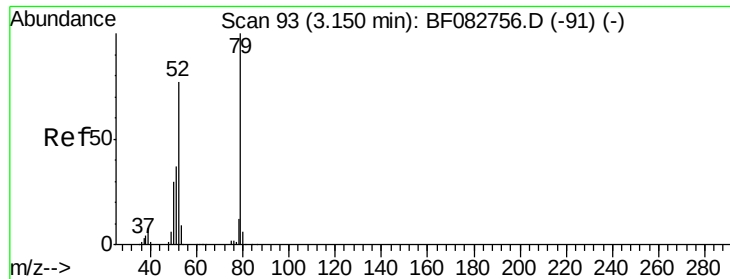


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.07 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.07 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

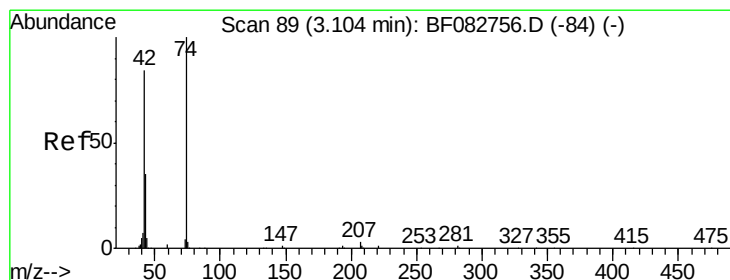
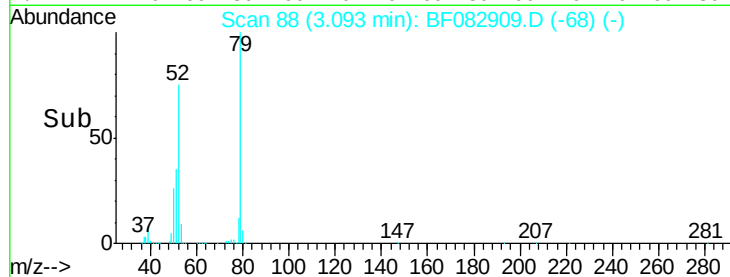
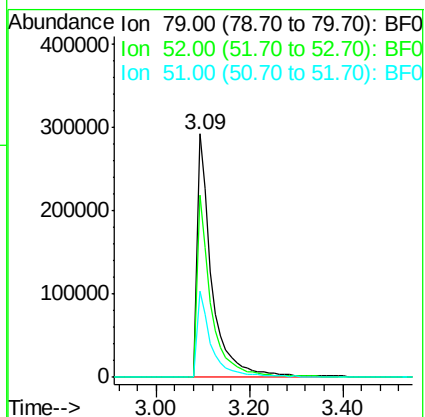
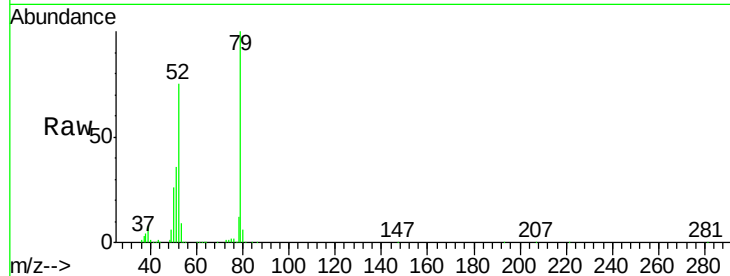
Tgt Ion: 79 Resp: 636784

Ion Ratio Lower Upper

79 100

52 74.7 62.8 94.2

51 35.7 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 26.56 ng

RT: 3.04 min Scan# 83

Delta R.T. -0.06 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

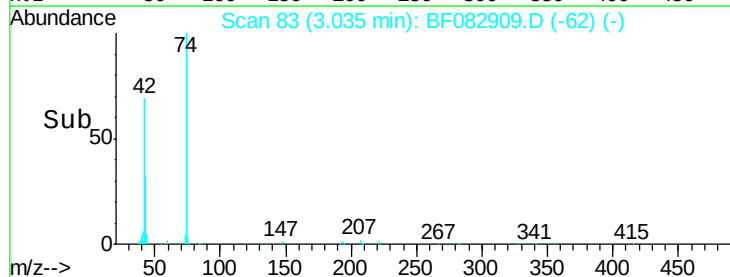
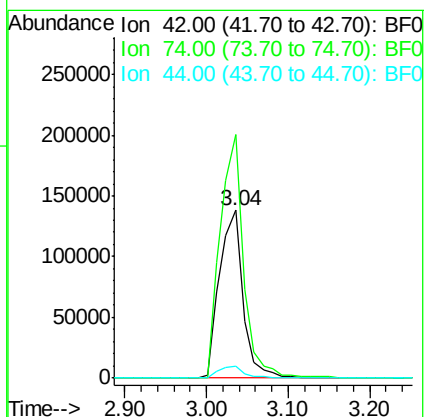
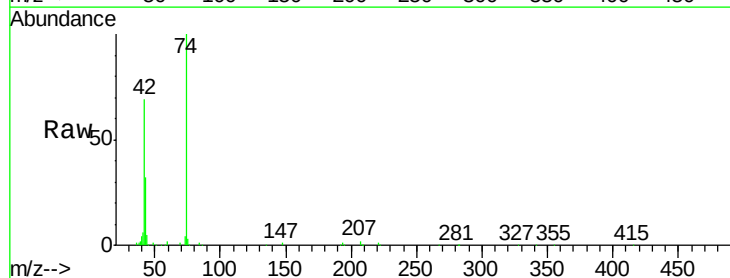
Tgt Ion: 42 Resp: 278966

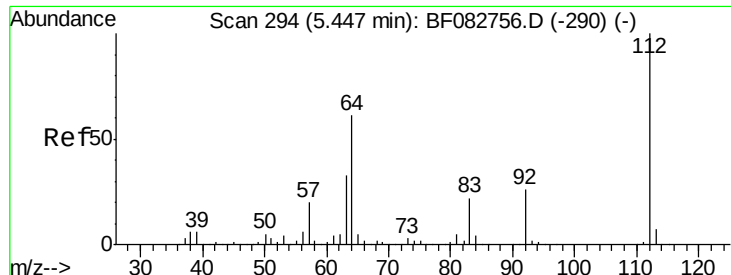
Ion Ratio Lower Upper

42 100

74 145.2 87.0 130.4#

44 7.5 5.8 8.8





#5

2-Fluorophenol

Concen: 20.12 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

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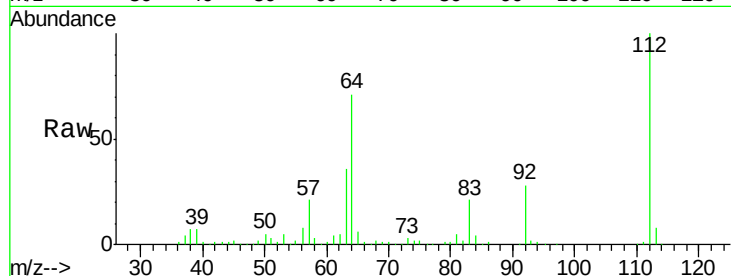
Tgt Ion: 112 Resp: 340253

Ion Ratio Lower Upper

112 100

64 71.2 48.9 73.3

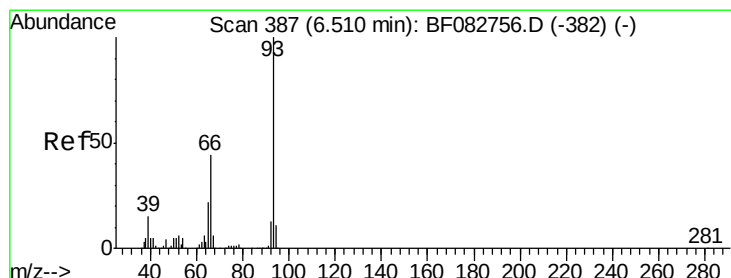
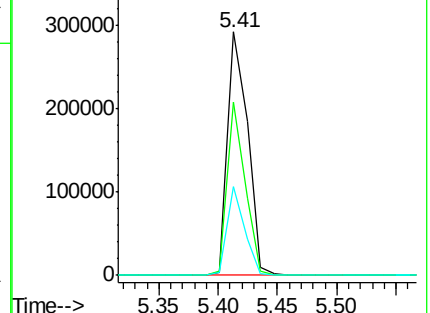
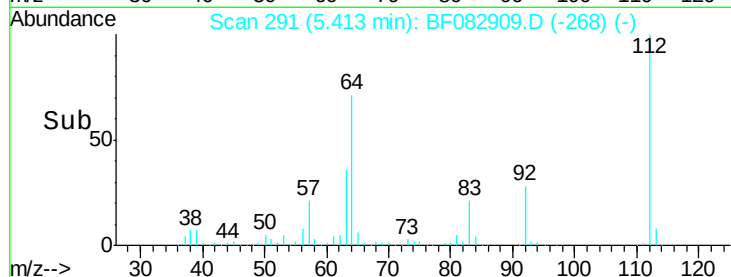
63 36.4 28.1 42.1



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: 40.71 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

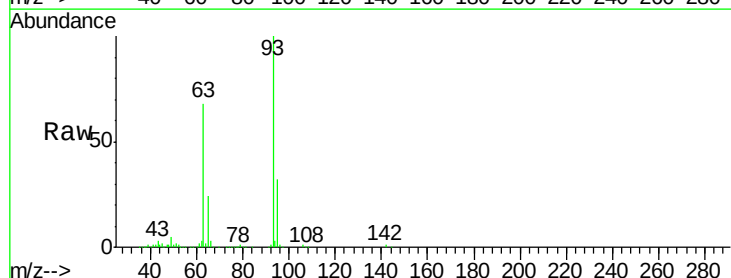
Tgt Ion: 93 Resp: 1285156

Ion Ratio Lower Upper

93 100

66 2.7 33.6 50.4#

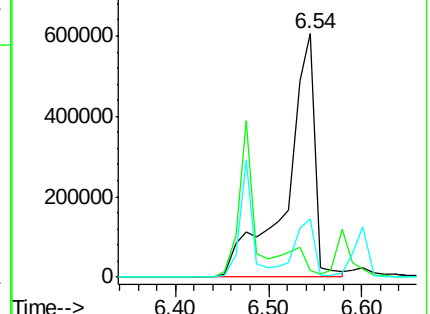
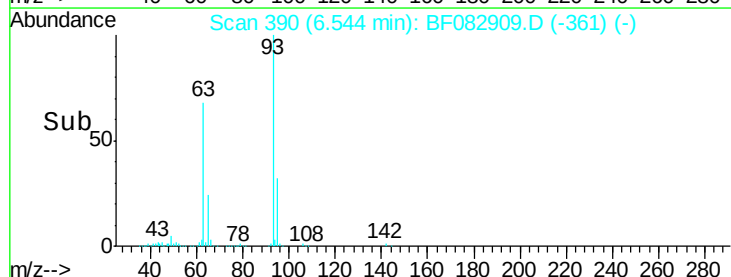
65 23.6 18.1 27.1

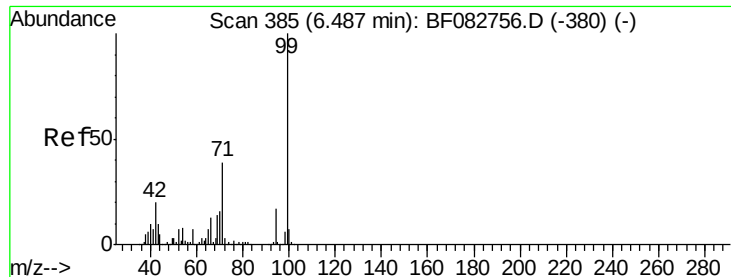


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 21.03 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

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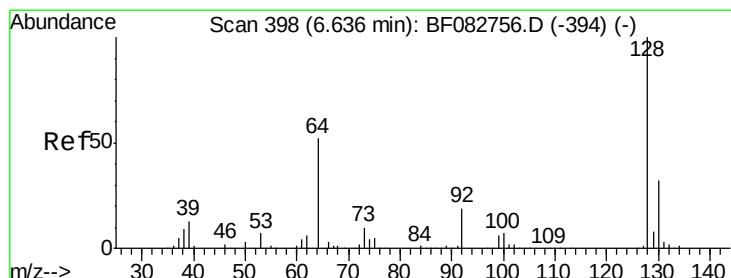
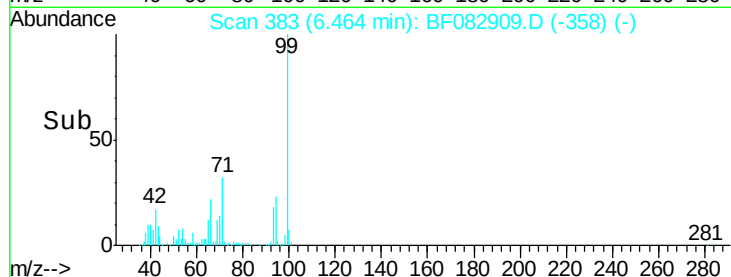
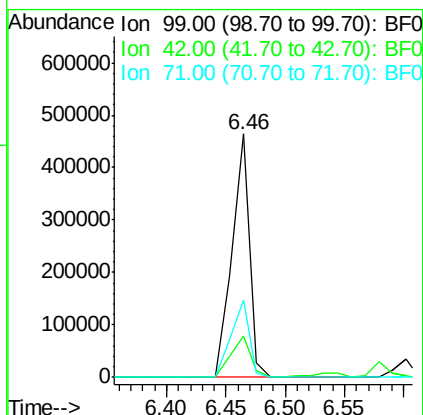
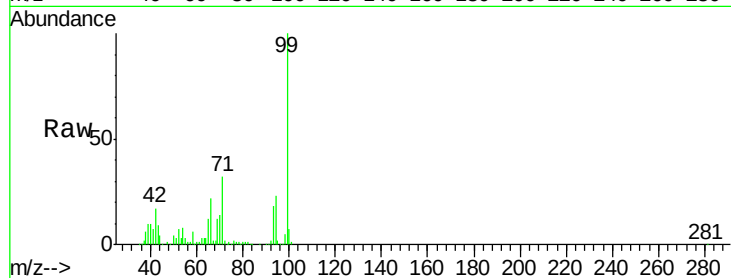
Tgt Ion: 99 Resp: 472872

Ion Ratio Lower Upper

99 100

42 16.9 19.2 28.8#

71 32.0 35.0 52.4#



#8

2-Chlorophenol

Concen: 30.69 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF082909.D

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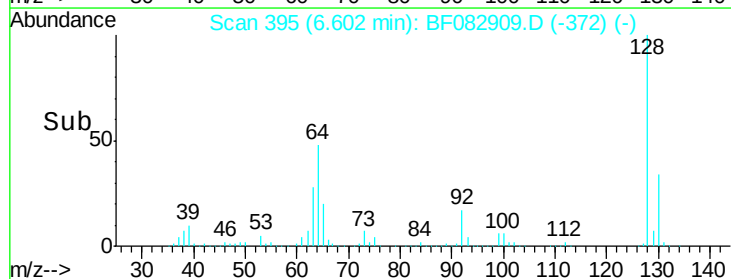
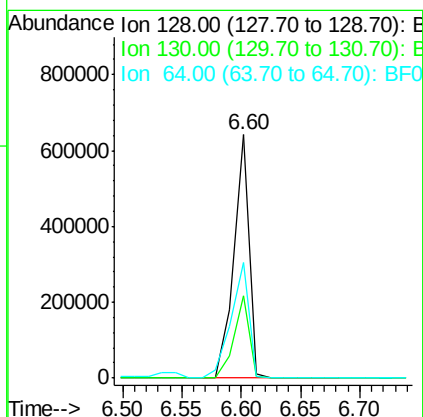
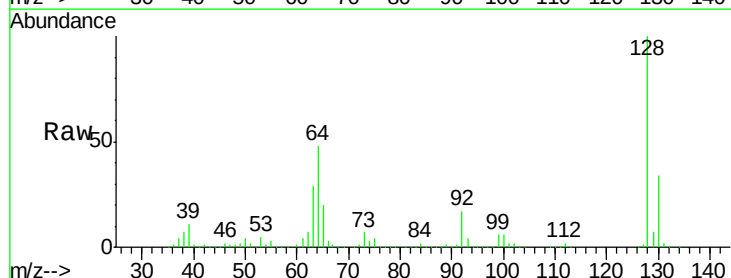
Tgt Ion: 128 Resp: 575285

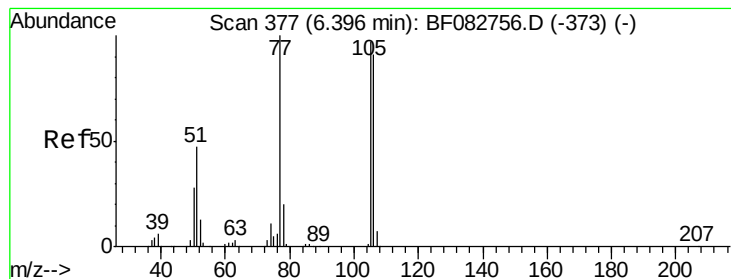
Ion Ratio Lower Upper

128 100

130 33.6 13.5 53.5

64 47.7 21.1 61.1





#9

Benzaldehyde

Concen: 3.29 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

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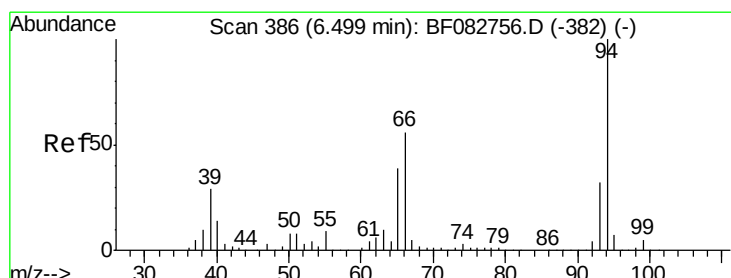
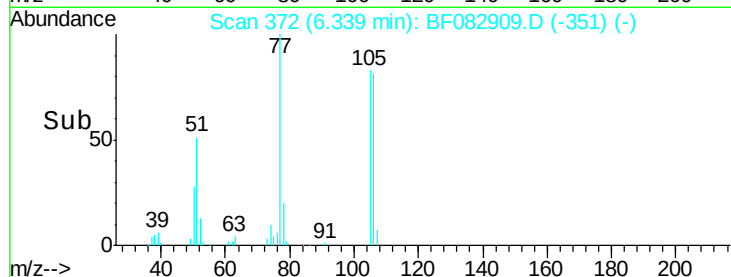
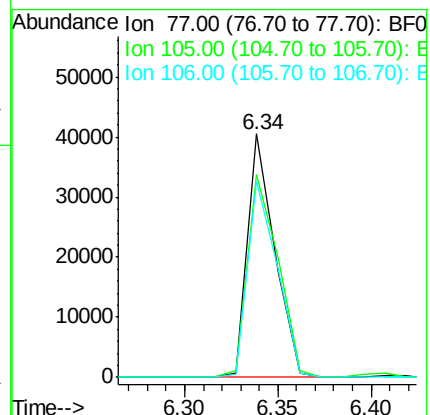
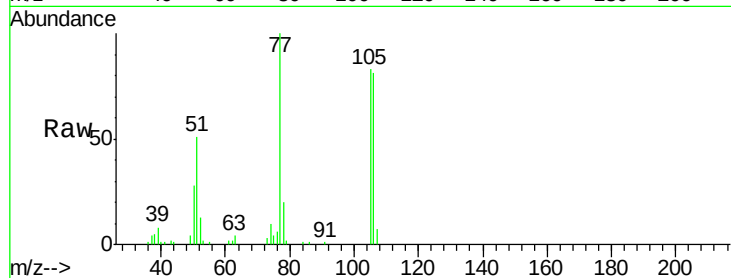
Tgt Ion: 77 Resp: 40915

Ion Ratio Lower Upper

77 100

105 83.4 63.5 103.5

106 80.6 59.3 99.3



#10

Phenol

Concen: 29.59 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

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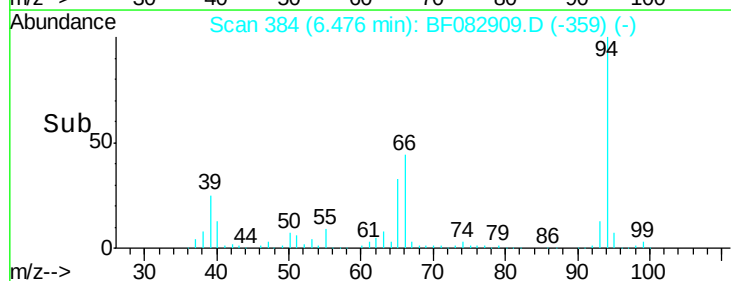
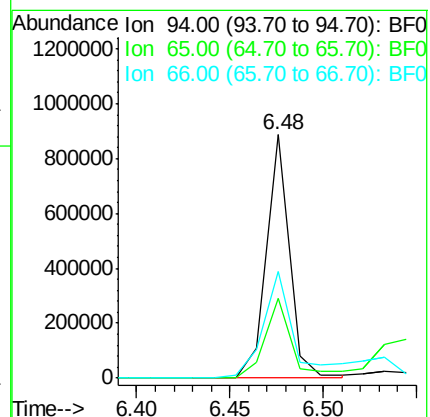
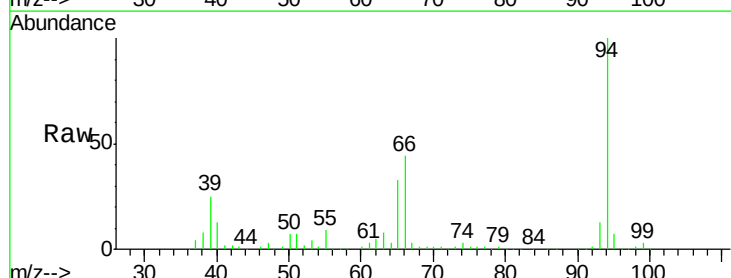
Tgt Ion: 94 Resp: 754771

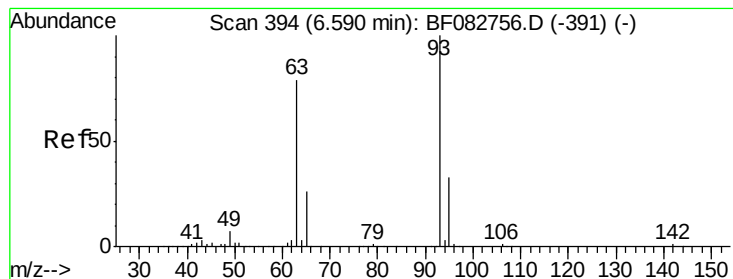
Ion Ratio Lower Upper

94 100

65 32.9 18.9 58.9

66 43.9 34.9 74.9





#11

bis(2-Chloroethyl)ether

Concen: 67.37 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

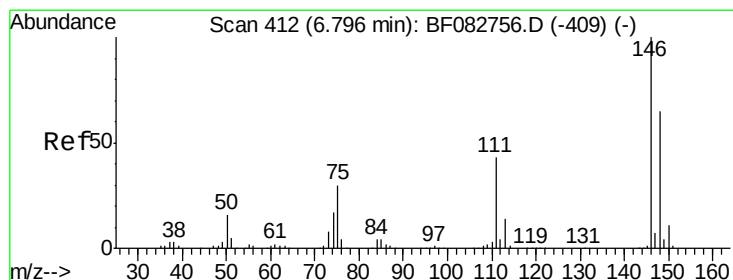
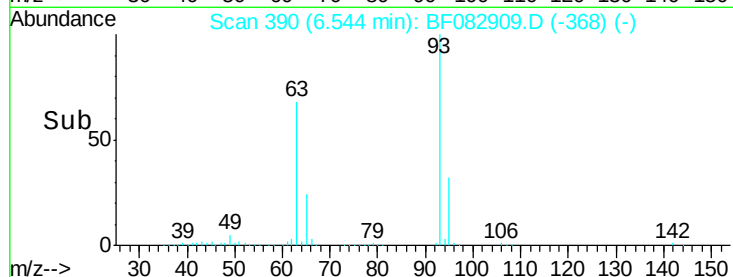
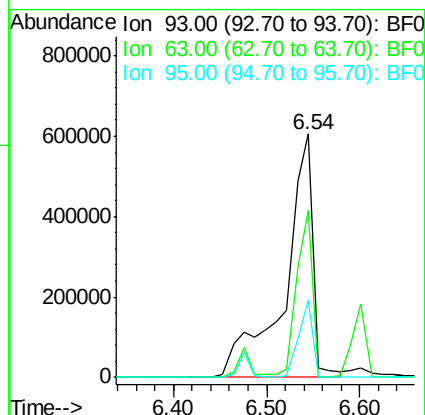
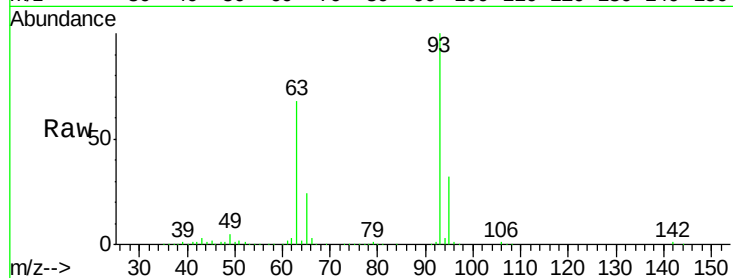
Tgt Ion: 93 Resp: 1285156

Ion Ratio Lower Upper

93 100

63 68.5 72.7 112.7#

95 31.5 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 27.09 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.02 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

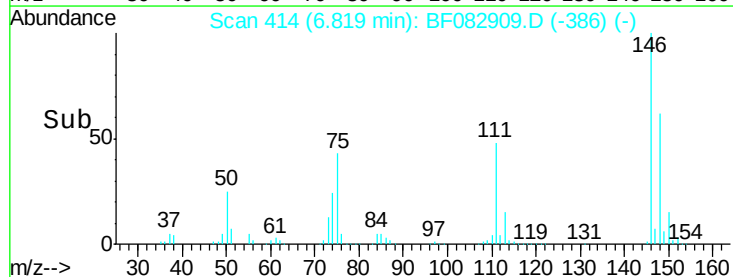
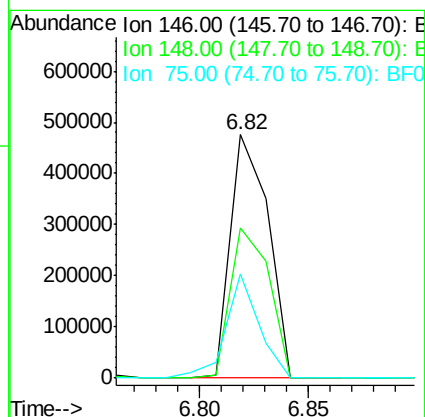
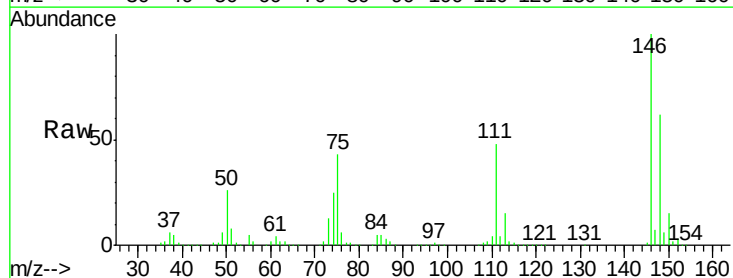
Tgt Ion: 146 Resp: 572768

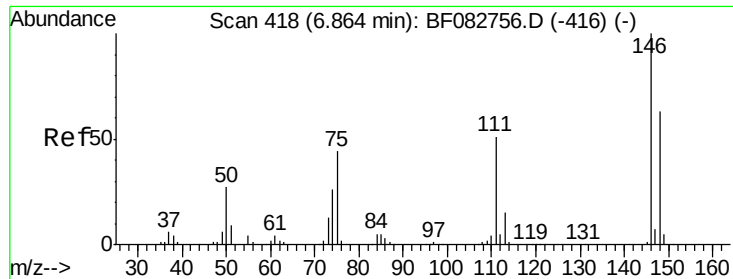
Ion Ratio Lower Upper

146 100

148 61.6 50.5 75.7

75 42.8 39.5 59.3

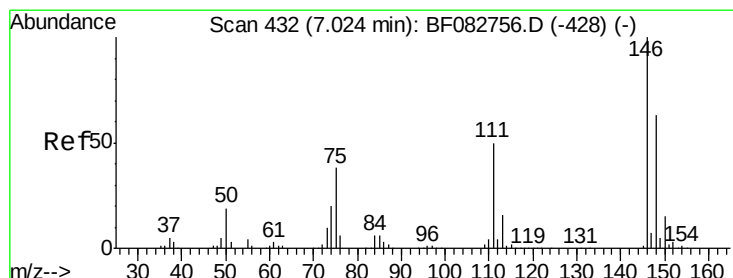
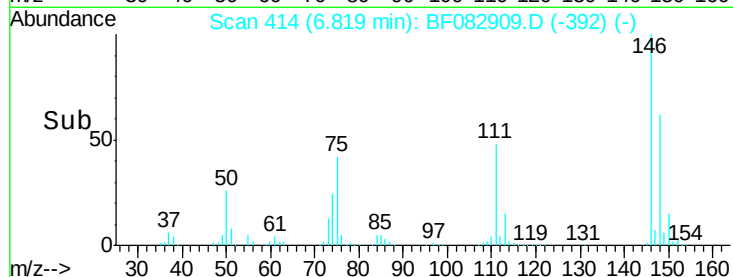
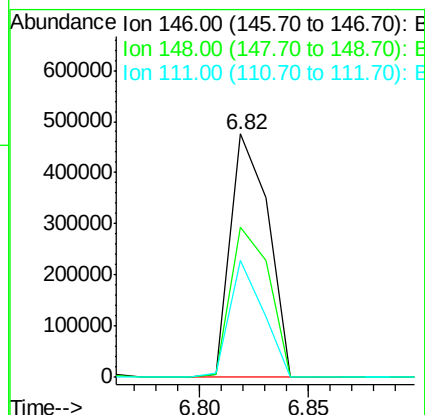
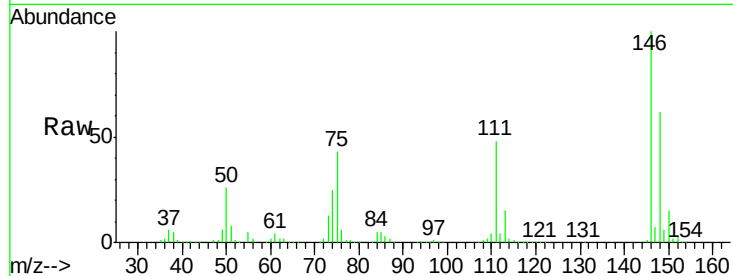




#13
 1,4-Dichlorobenzene
 Concen: 26.04 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

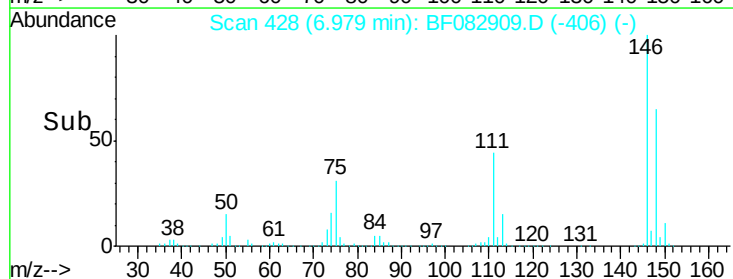
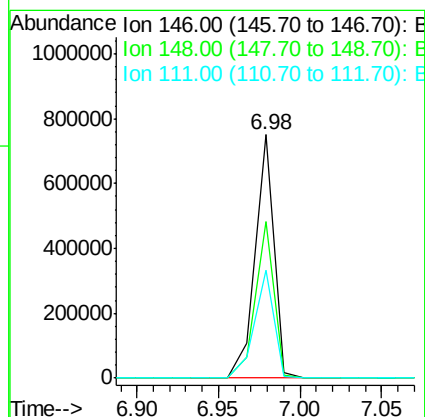
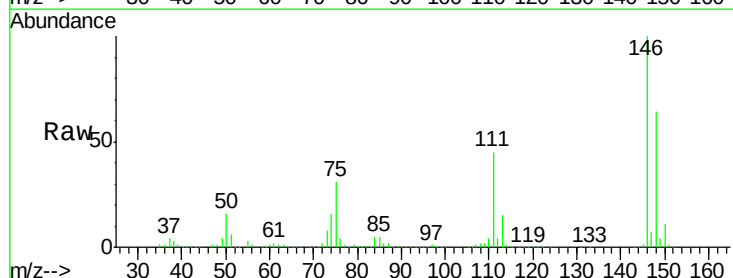
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

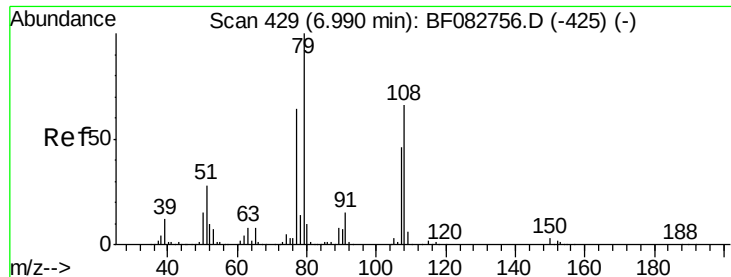
Tgt Ion:146 Resp: 572768
 Ion Ratio Lower Upper
 146 100
 148 61.6 50.8 76.2
 111 48.0 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 30.00 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion:146 Resp: 600132
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.4
 111 44.5 36.6 55.0

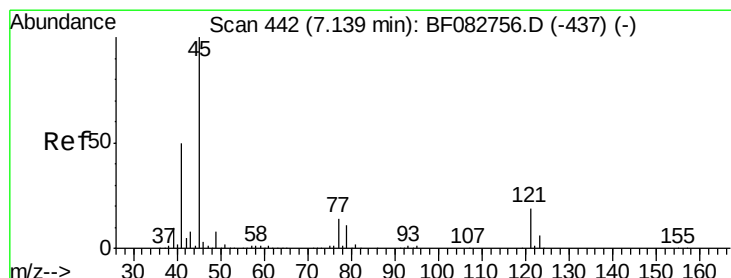
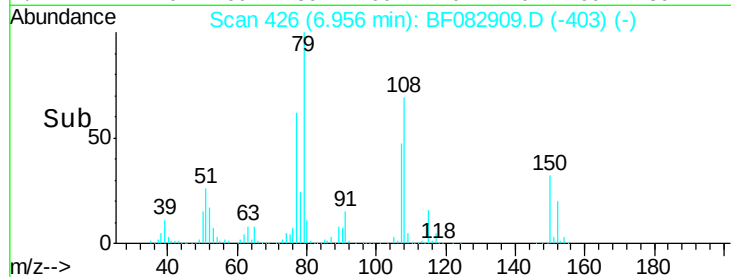
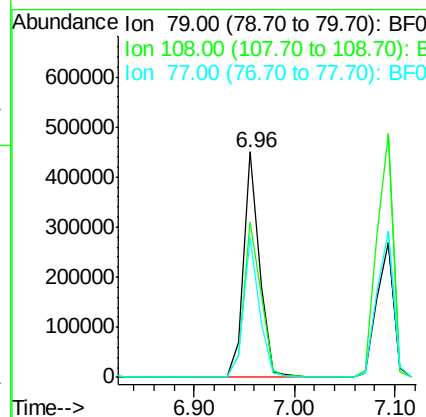
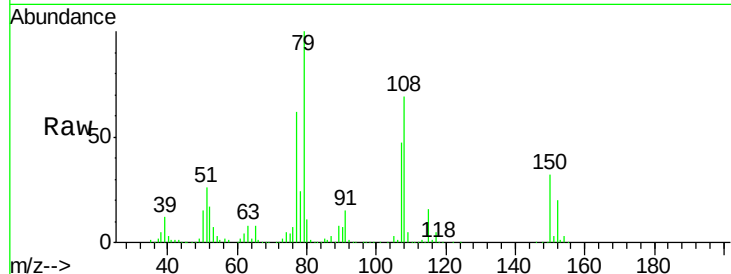




#15
Benzyl Alcohol
Concen: 25.05 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

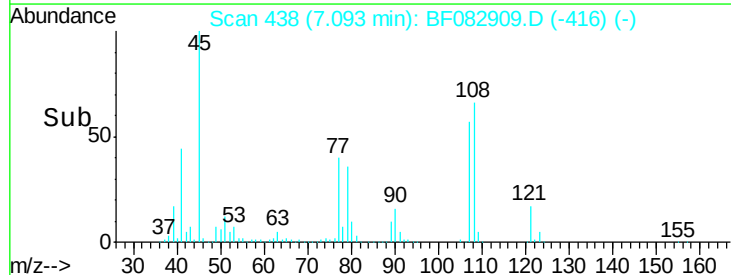
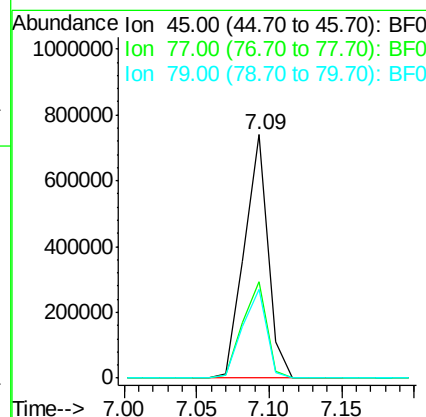
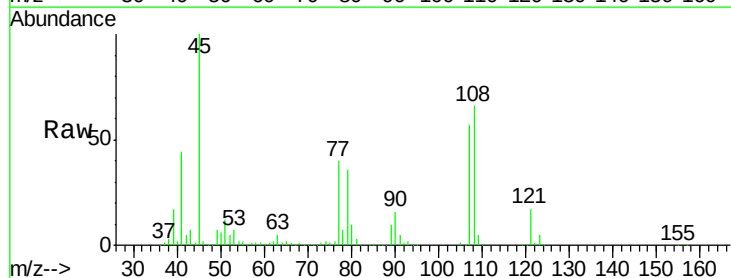
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

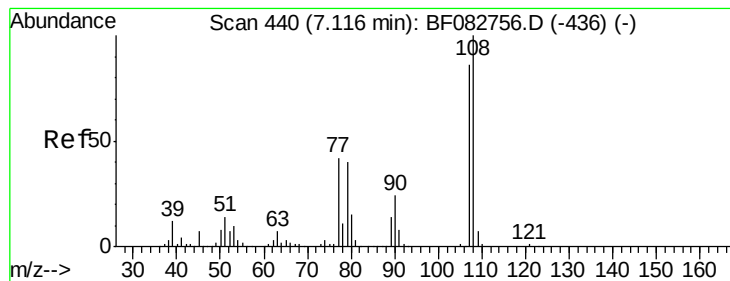
Tgt Ion: 79 Resp: 494661
Ion Ratio Lower Upper
79 100
108 68.9 52.2 78.4
77 61.9 52.7 79.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.93 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion: 45 Resp: 837565
Ion Ratio Lower Upper
45 100
77 39.6 0.0 32.6#
79 36.3 0.0 29.2#





#17

2-Methylphenol

Concen: 29.79 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

Tgt Ion:107 Resp: 473023

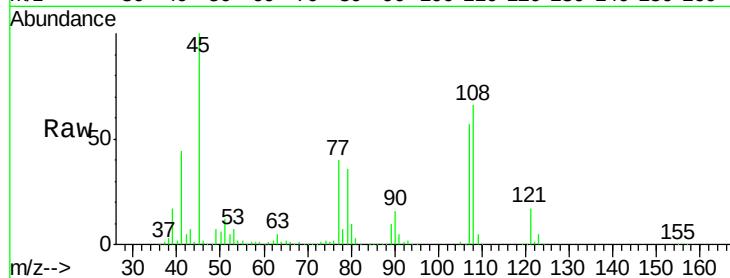
Ion Ratio Lower Upper

107 100

108 115.2 93.0 139.4

77 69.4 44.1 66.1#

79 63.8 43.6 65.4

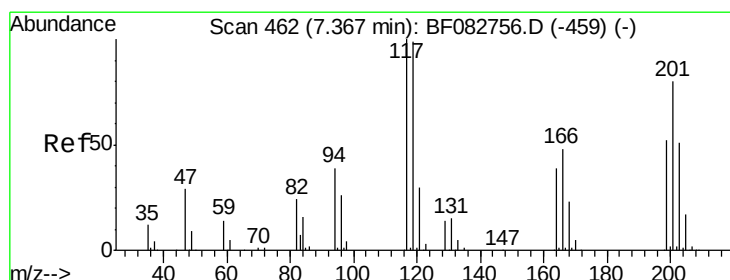
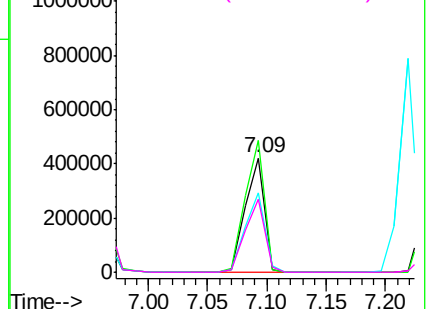
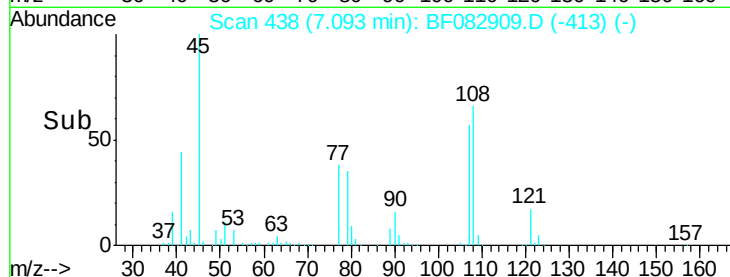


Abundance Ion 107.00 (106.70 to 107.70): E

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: 20.20 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

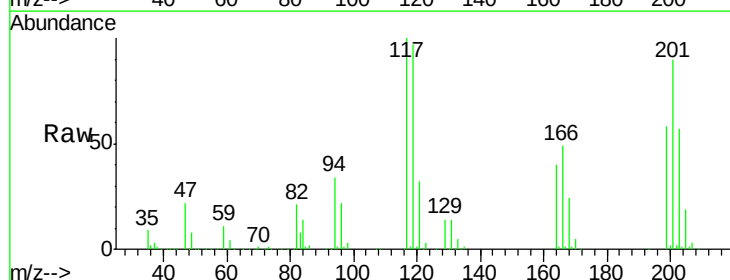
Tgt Ion:117 Resp: 158944

Ion Ratio Lower Upper

117 100

119 97.5 77.7 116.5

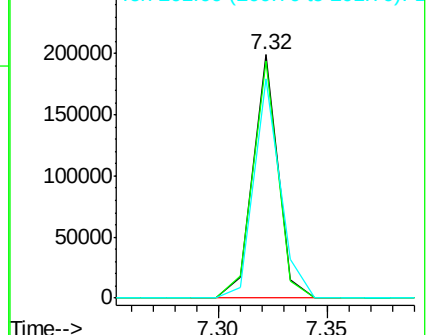
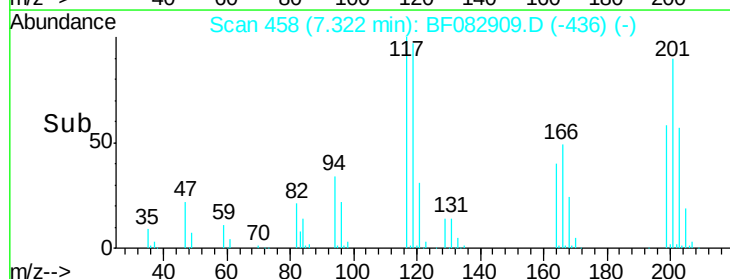
201 89.9 66.7 100.1

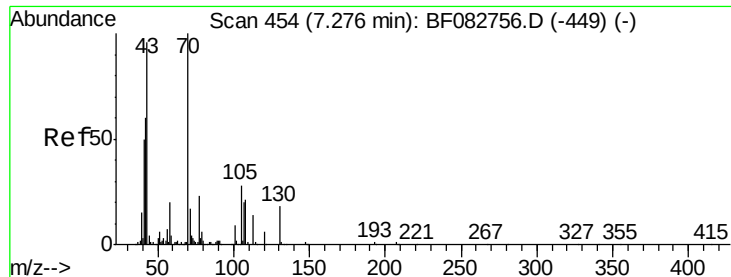


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

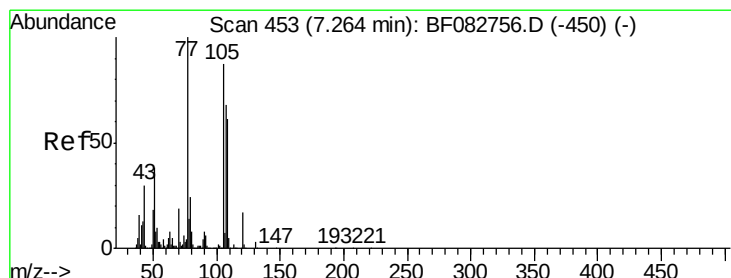
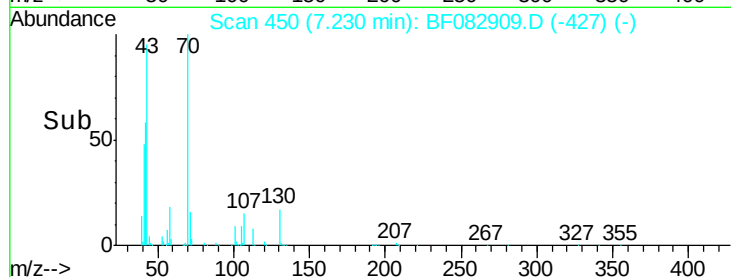
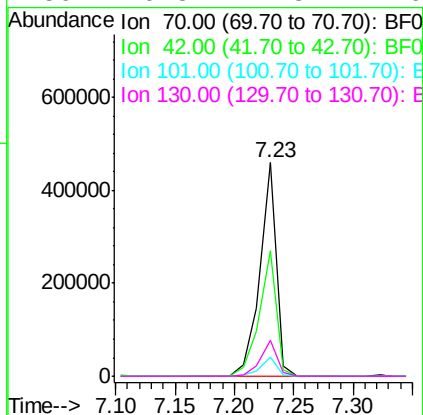
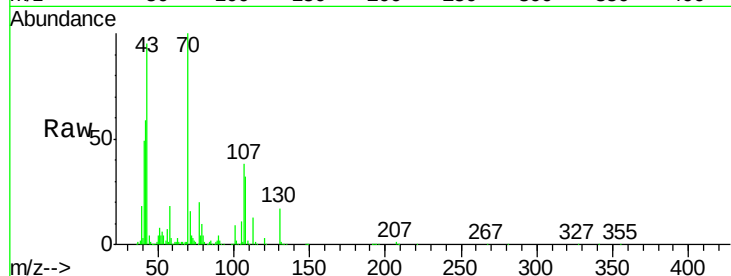




#19
n-Nitroso-di-n-propylamine
Concen: 27.26 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

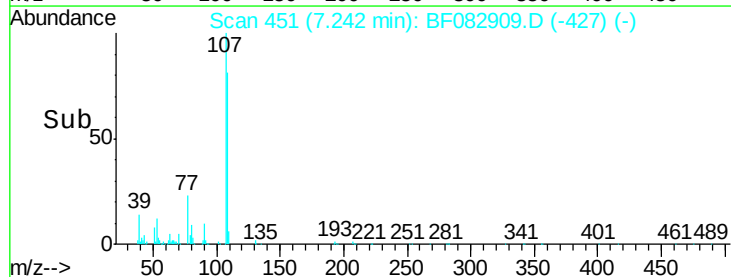
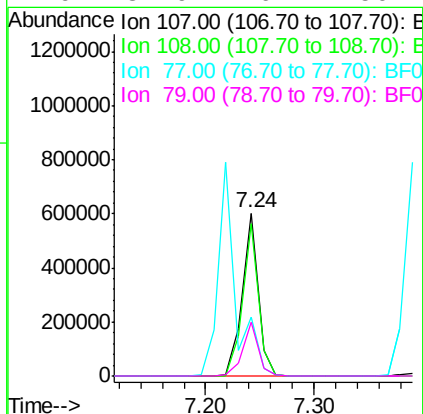
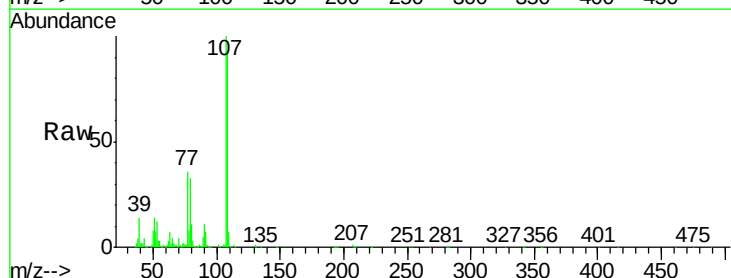
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

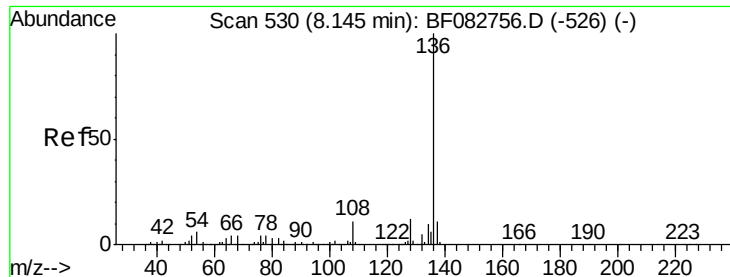
Tgt Ion:	70	Resp:	450494
Ion	Ratio	Lower	Upper
70	100		
42	58.8	57.7	86.5
101	8.8	7.0	10.6
130	16.8	11.8	17.6



#20
3+4-Methylphenols
Concen: 29.39 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion:	107	Resp:	606728
Ion	Ratio	Lower	Upper
107	100		
108	93.3	67.3	107.3
77	36.3	100.3	140.3#
79	32.9	16.2	56.2

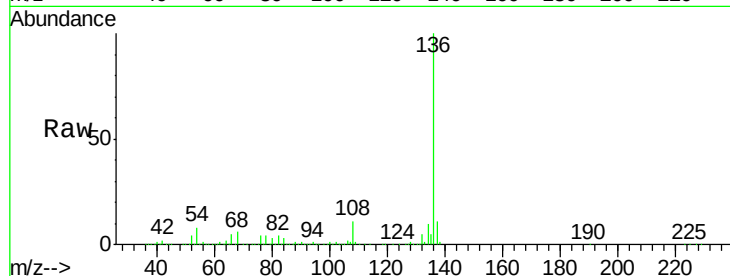




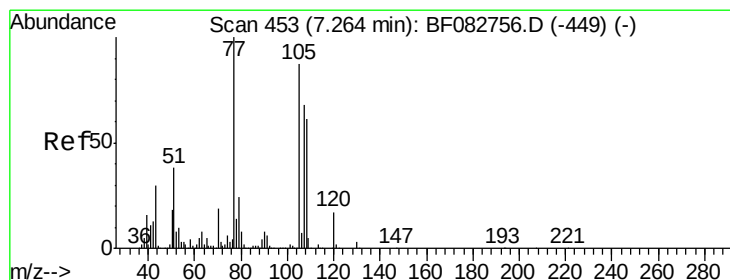
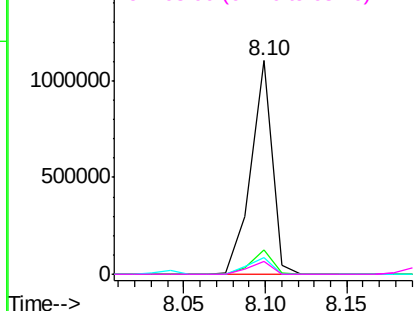
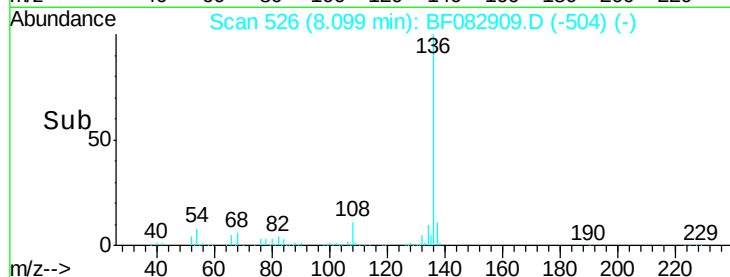
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

Tgt Ion:	136	Resp:	995496
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.6	9.1	13.7#
68	5.8	4.8	7.2

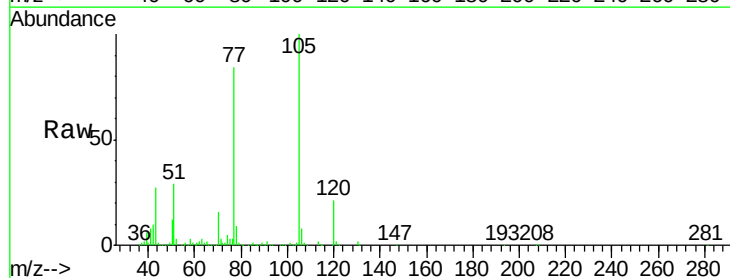


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

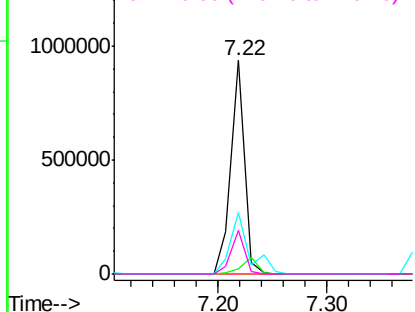
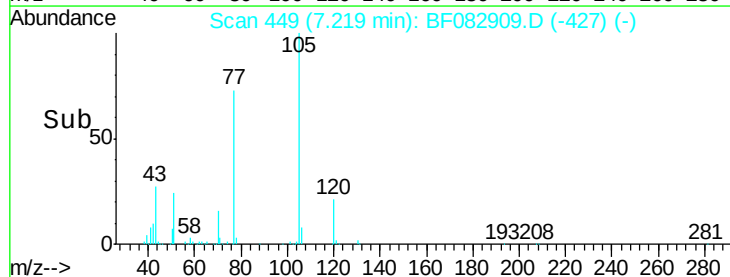


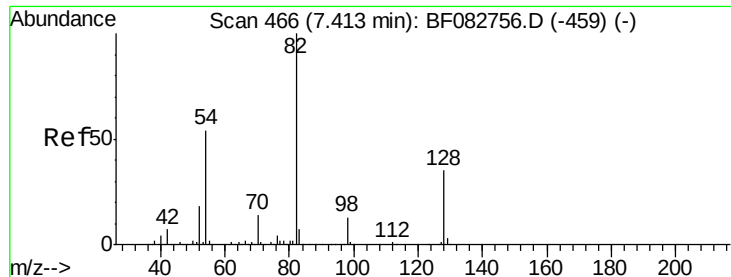
#22
Acetophenone
Concen: 28.42 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion:	105	Resp:	810756
Ion	Ratio	Lower	Upper
105	100		
71	2.6	5.6	8.4#
51	29.0	24.9	37.3
120	20.7	15.8	23.8



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

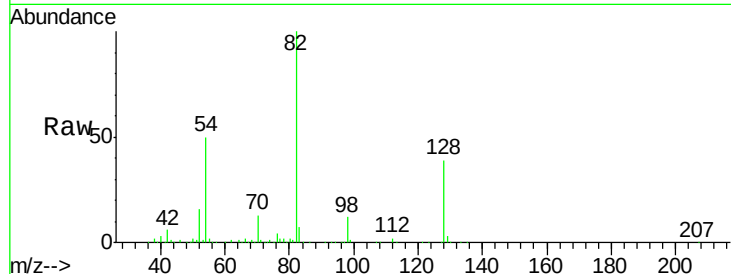




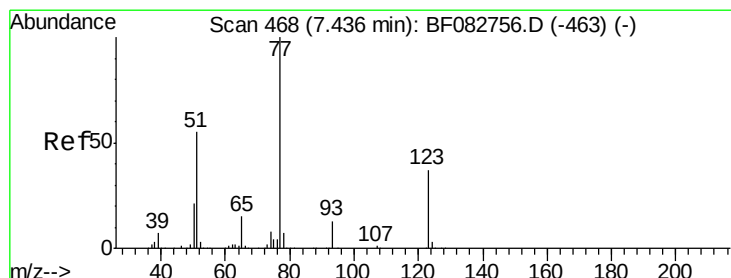
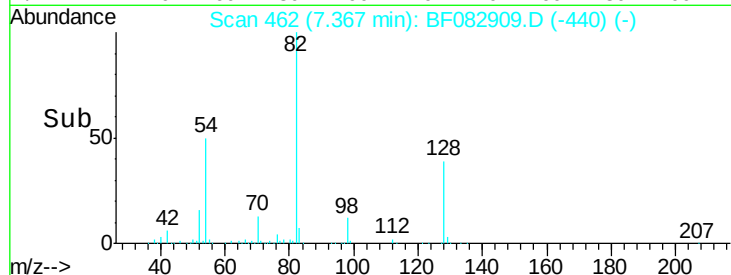
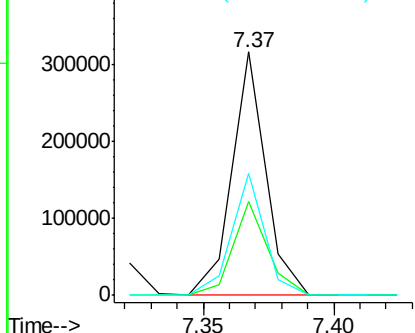
#23
 Nitrobenzene-d5
 Concen: 12.55 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.8	26.8	40.2
54	50.0	45.7	68.5

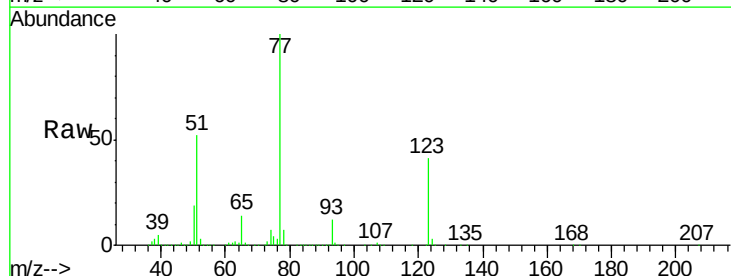


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

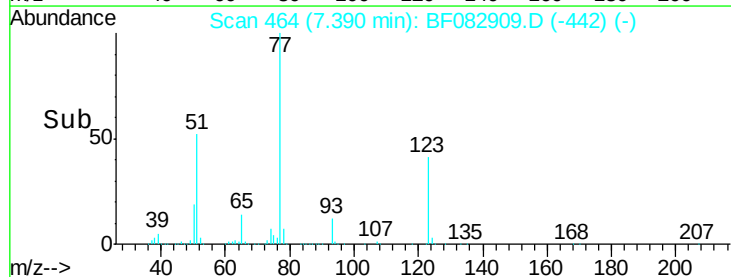
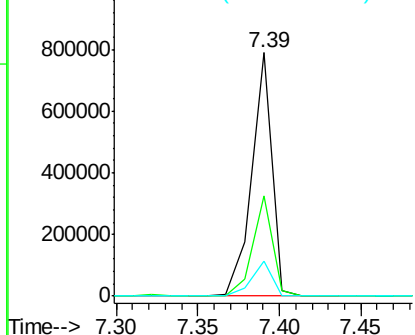


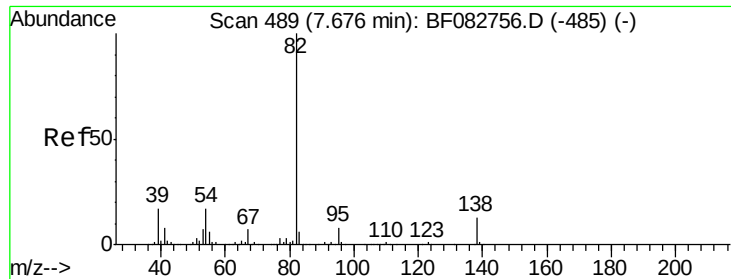
#24
 Nitrobenzene
 Concen: 29.08 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.2	36.4	54.6
65	14.2	11.5	17.3



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: 28.62 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

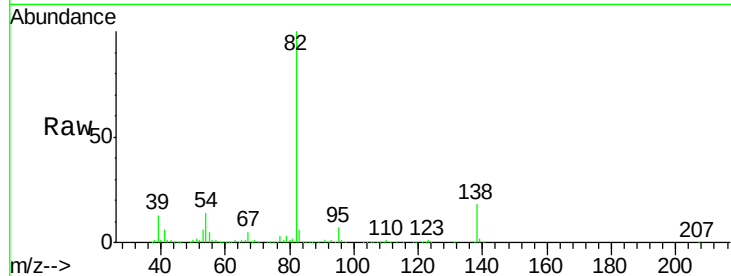
Tgt Ion: 82 Resp: 1211440

Ion Ratio Lower Upper

82 100

95 7.2 6.6 9.8

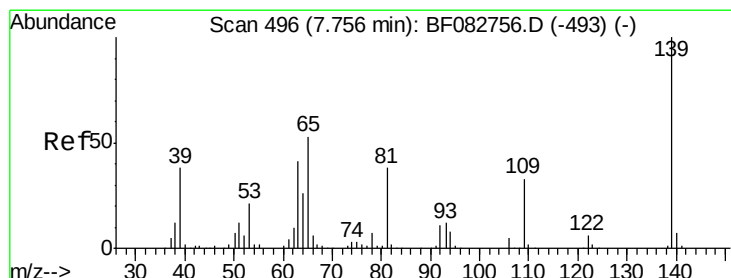
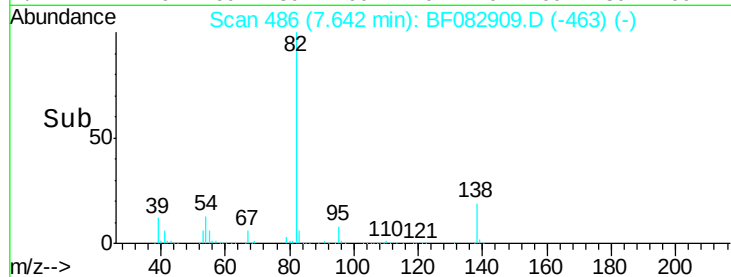
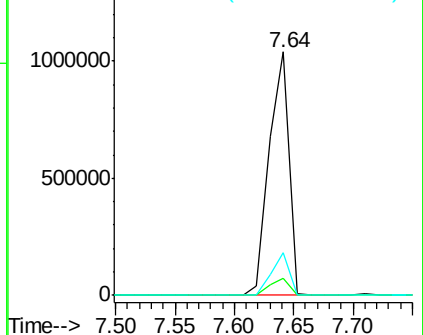
138 17.6 11.4 17.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 27.74 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

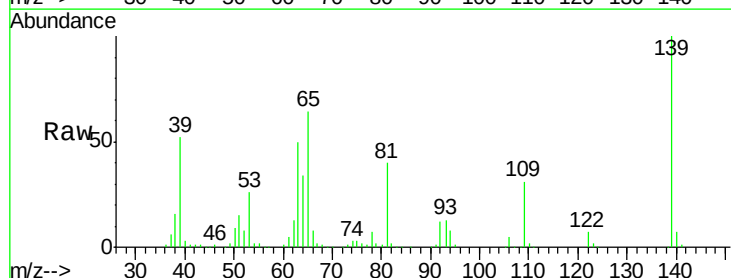
Tgt Ion: 139 Resp: 270874

Ion Ratio Lower Upper

139 100

109 31.3 37.6 56.4#

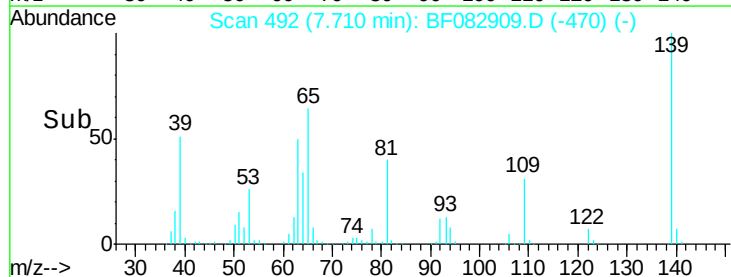
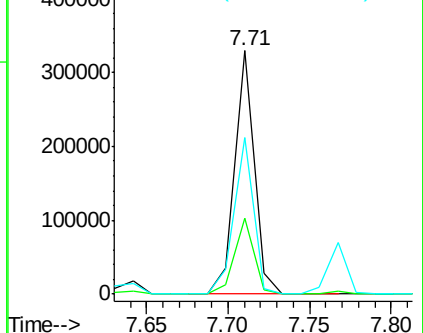
65 64.2 70.6 105.8#

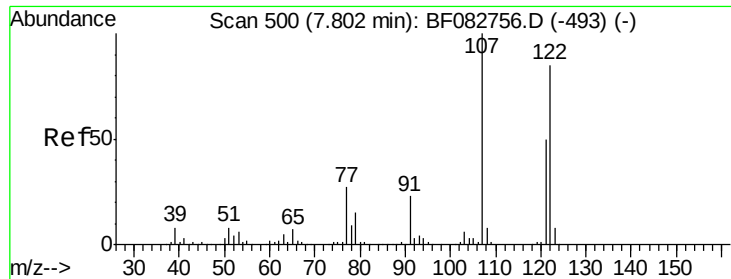


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

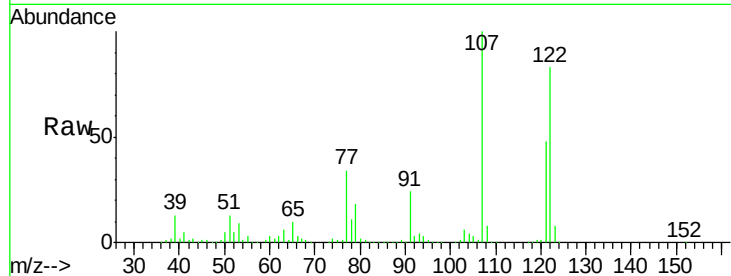




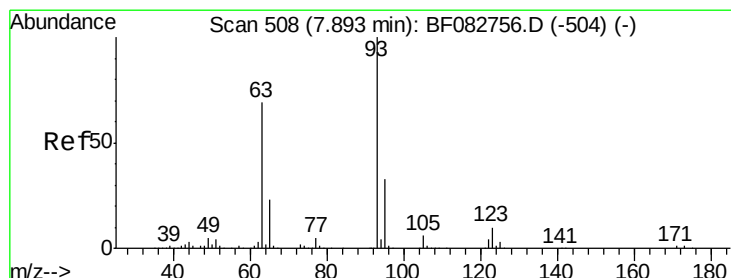
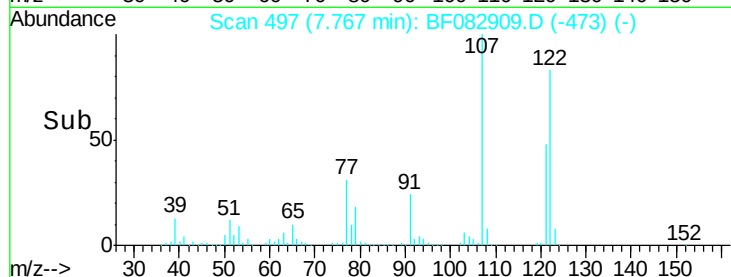
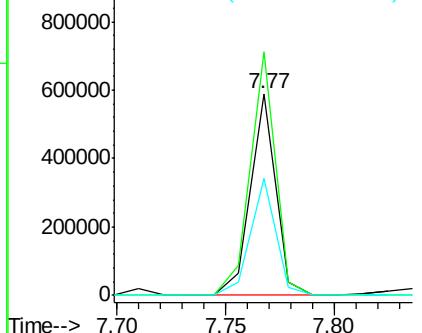
#27
 2,4-Dimethylphenol
 Concen: 27.31 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.02 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Tgt Ion: 122 Resp: 479153
 Ion Ratio Lower Upper
 122 100
 107 120.7 106.0 159.0
 121 58.0 46.7 70.1

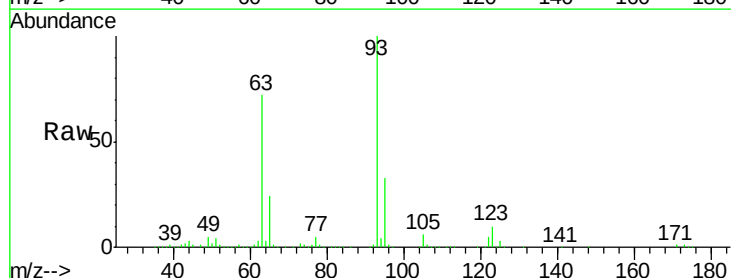


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

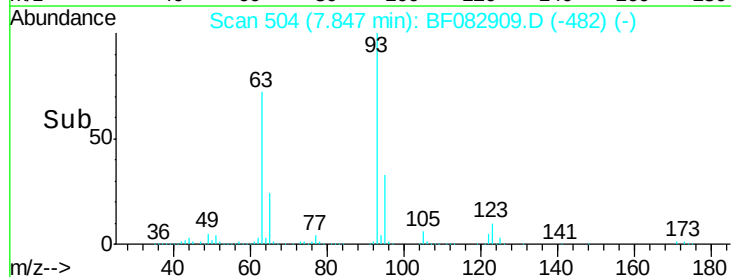
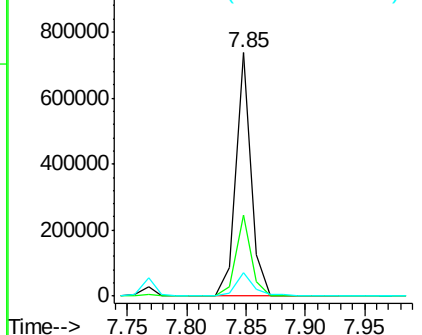


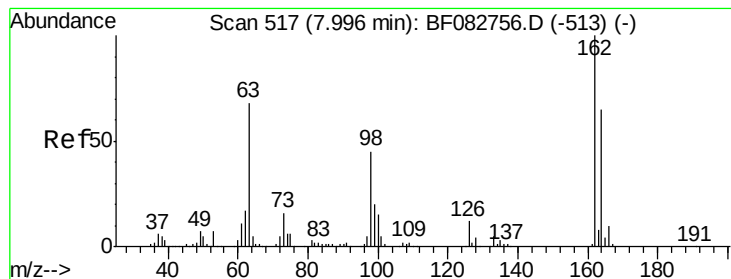
#28
 bis(2-Chloroethoxy)methane
 Concen: 27.43 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion: 93 Resp: 654867
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.6 40.0
 123 9.6 9.7 14.5#



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: 27.47 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

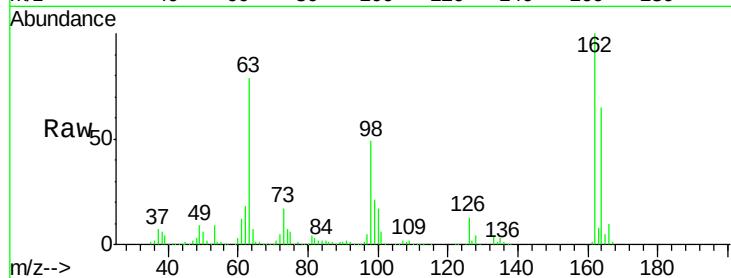
Tgt Ion:162 Resp: 435702

Ion Ratio Lower Upper

162 100

164 64.9 46.8 86.8

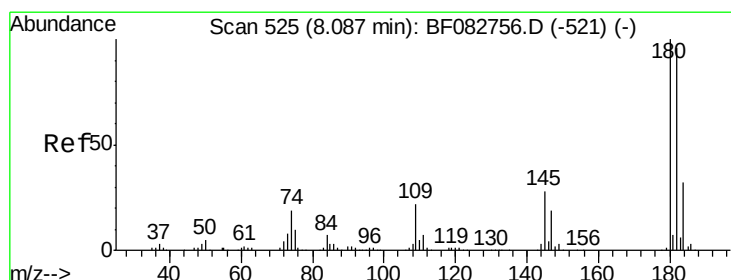
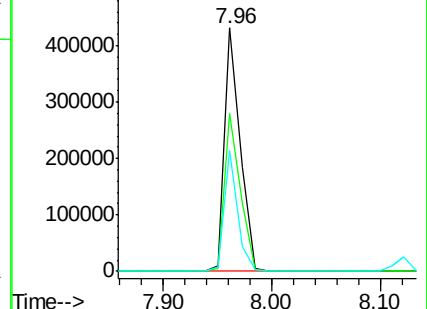
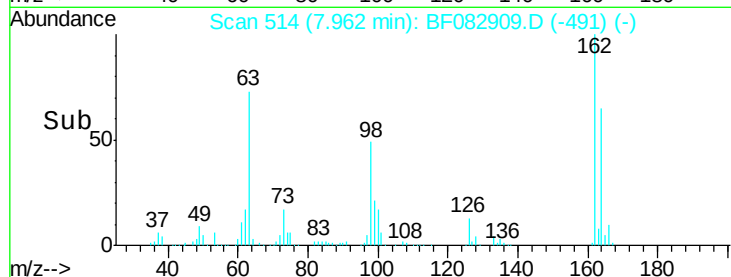
98 49.4 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 28.81 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

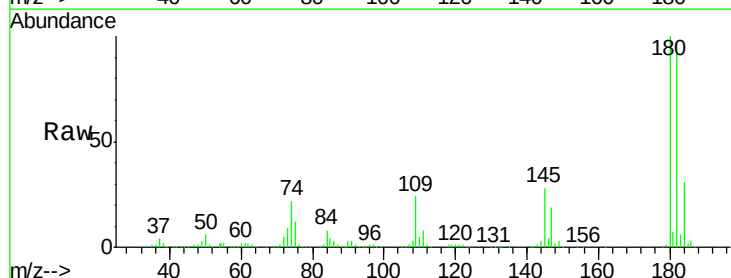
Tgt Ion:180 Resp: 513873

Ion Ratio Lower Upper

180 100

182 96.7 74.9 112.3

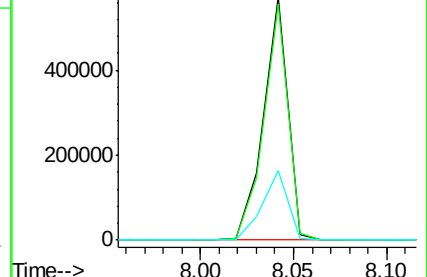
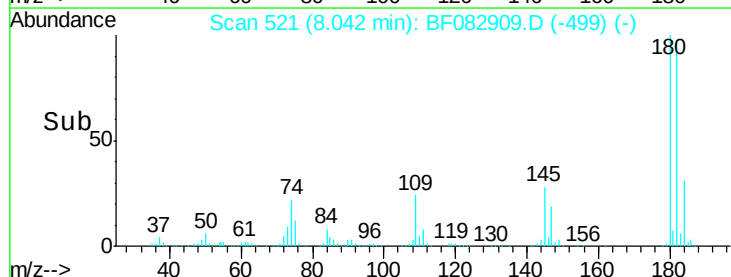
145 28.5 27.8 41.8

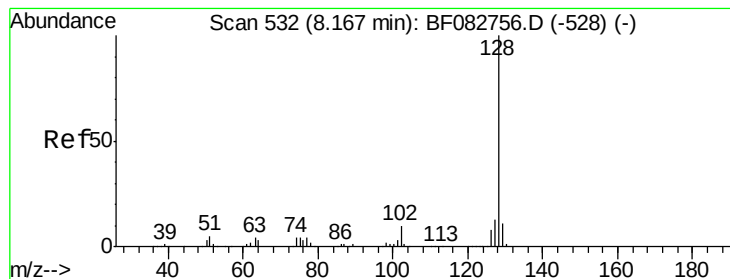


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 28.58 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

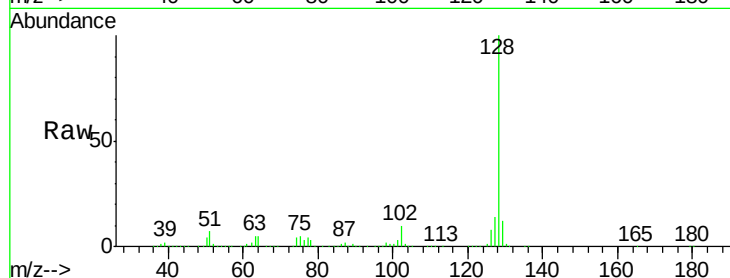
Tgt Ion:128 Resp: 1569677

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

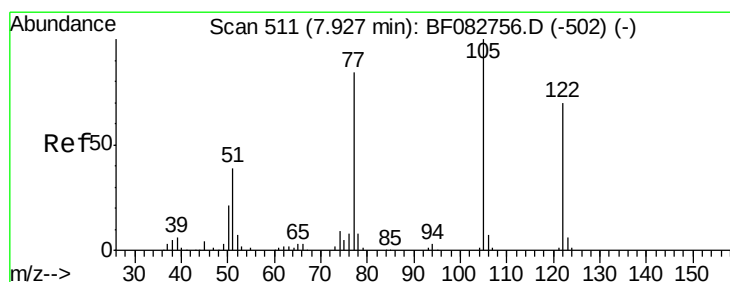
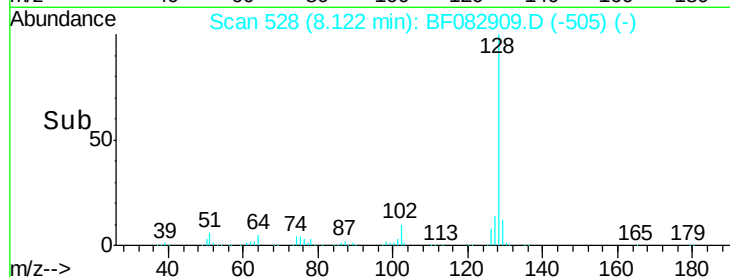
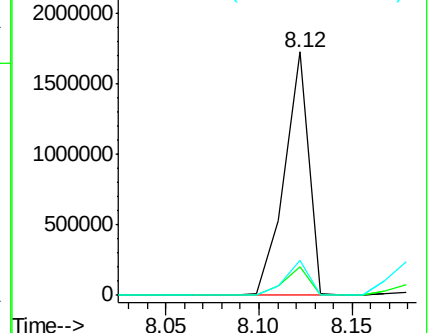
127 14.1 11.4 17.0



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: 13.65 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

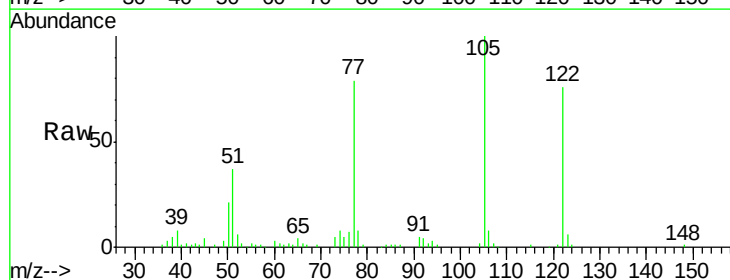
Tgt Ion:122 Resp: 163976

Ion Ratio Lower Upper

122 100

105 132.1 122.6 162.6

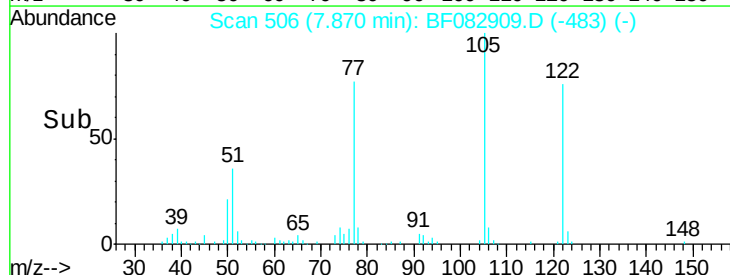
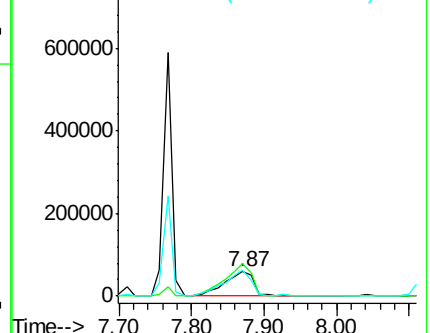
77 104.6 100.9 140.9

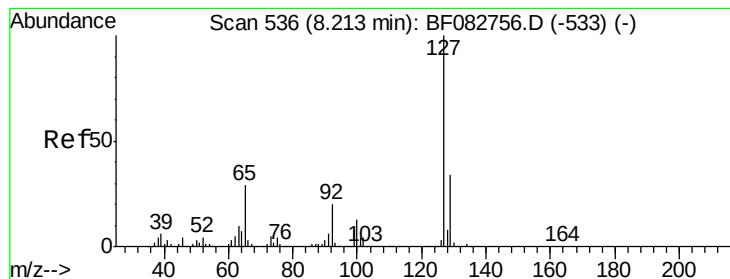


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 15.62 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

Tgt Ion:127 Resp: 369726

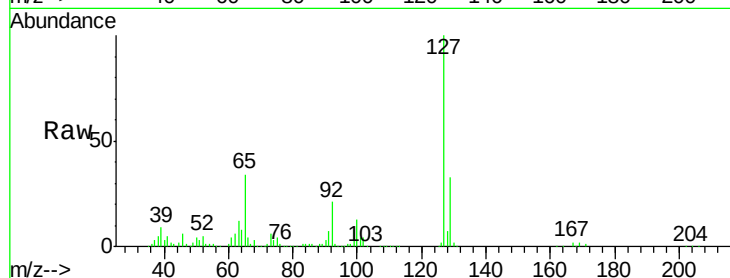
Ion Ratio Lower Upper

127 100

129 32.6 26.3 39.5

65 34.1 37.8 56.8#

92 21.1 20.6 31.0

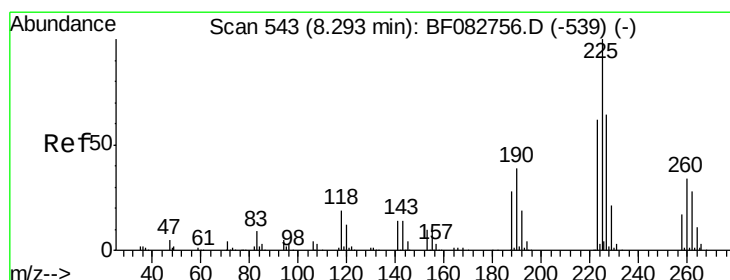
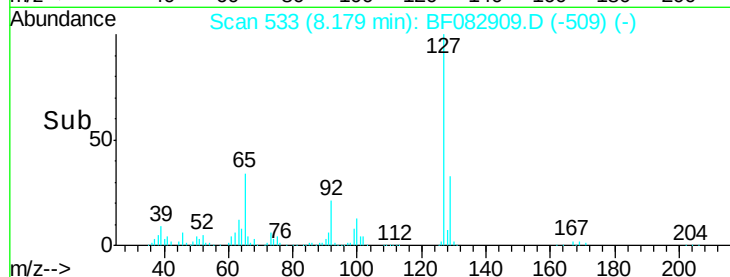
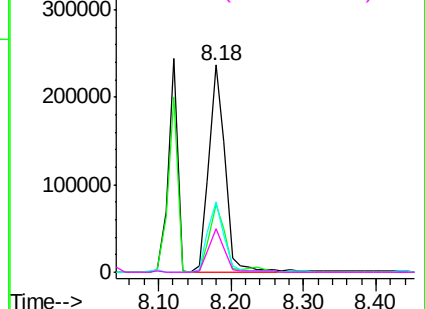


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 25.69 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

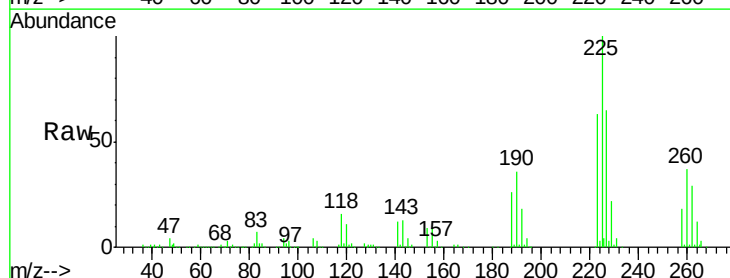
Tgt Ion:225 Resp: 286752

Ion Ratio Lower Upper

225 100

223 62.7 50.5 75.7

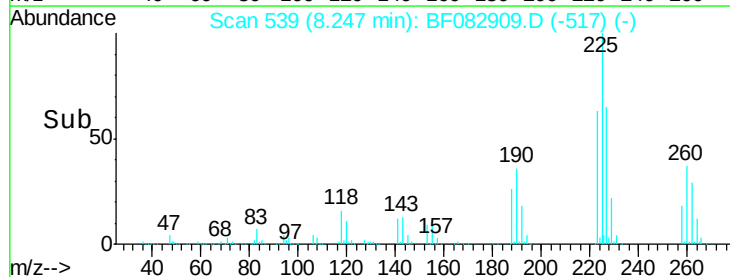
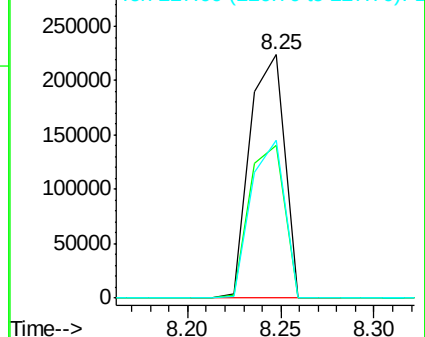
227 64.7 50.2 75.2

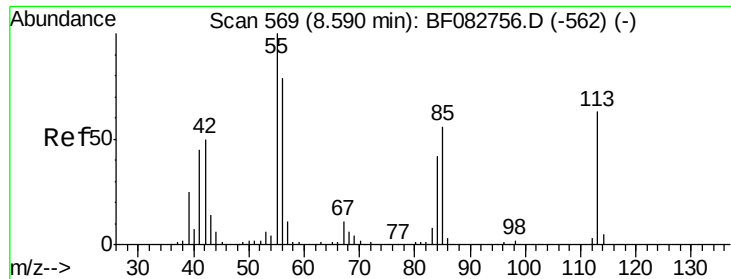


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

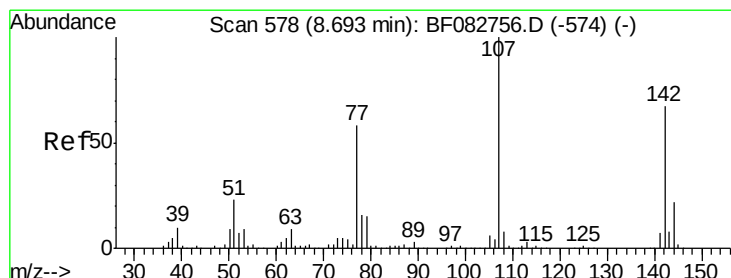
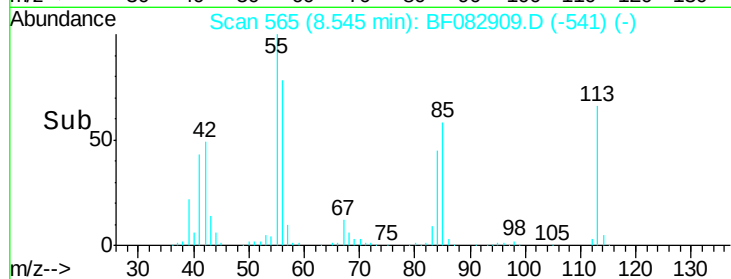
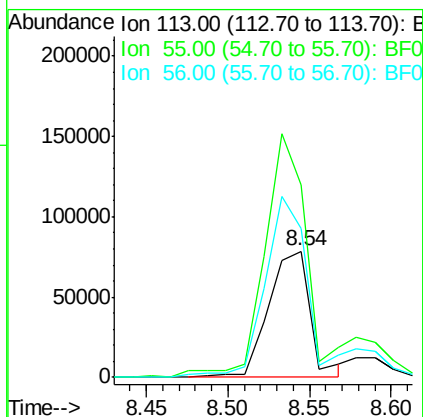
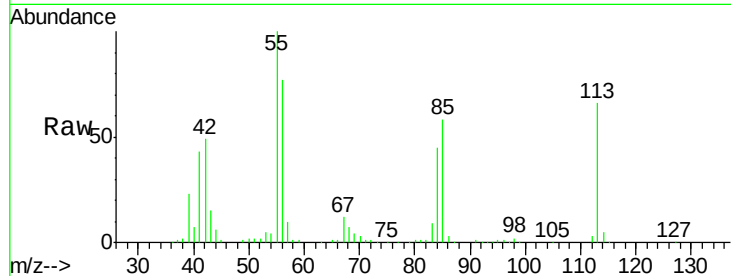




#35
 Caprolactam
 Concen: 28.05 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.02 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

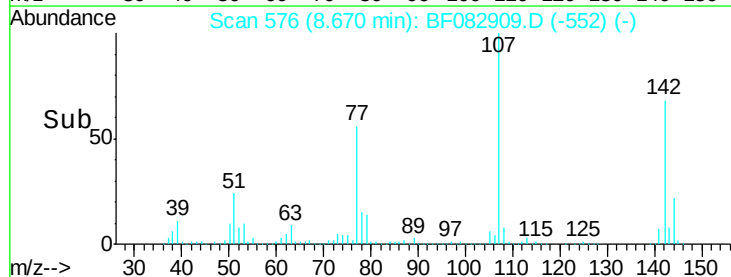
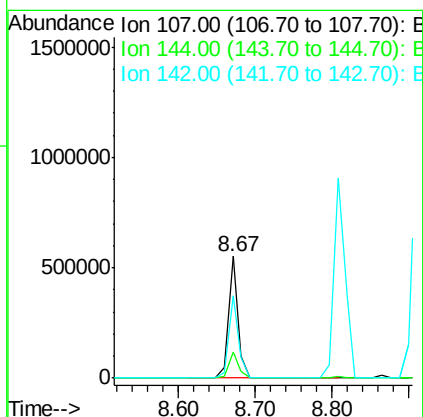
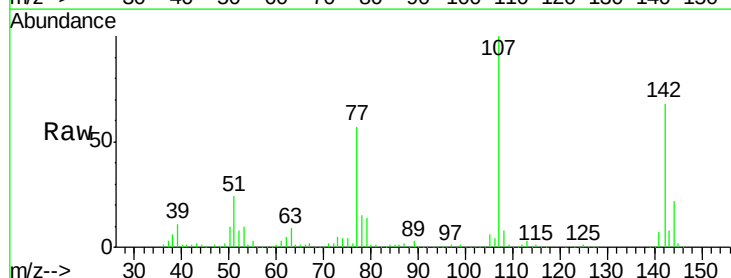
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

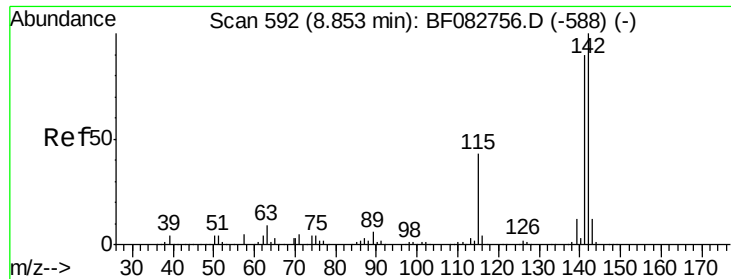
Tgt Ion:113 Resp: 140226
 Ion Ratio Lower Upper
 113 100
 55 152.4 195.5 235.5#
 56 117.7 153.5 193.5#



#36
 4-Chloro-3-methylphenol
 Concen: 26.13 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion:107 Resp: 487260
 Ion Ratio Lower Upper
 107 100
 144 21.9 15.4 23.0
 142 67.9 47.8 71.8

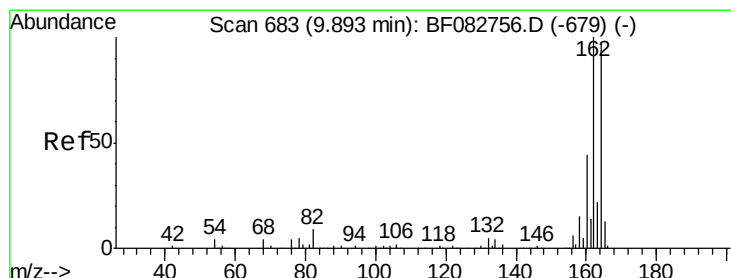
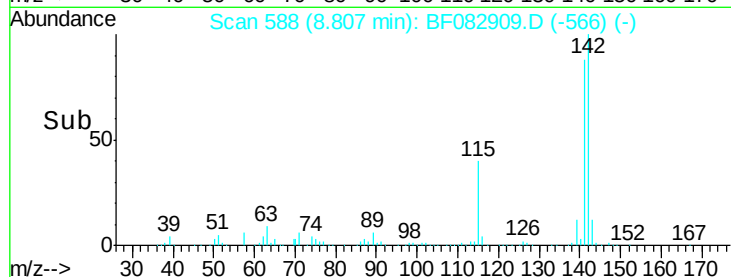
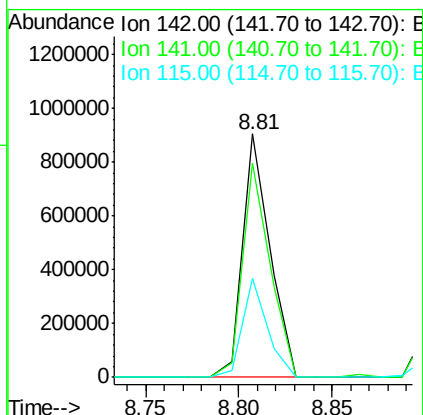
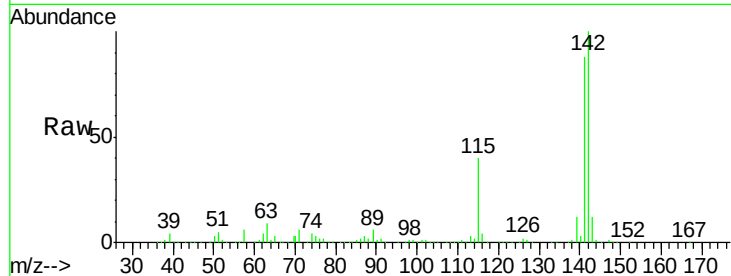




#37
2-Methylnaphthalene
Concen: 25.93 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

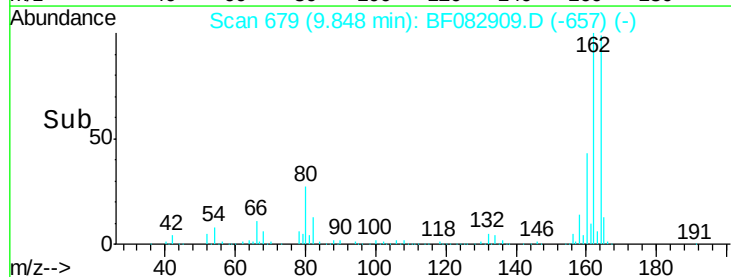
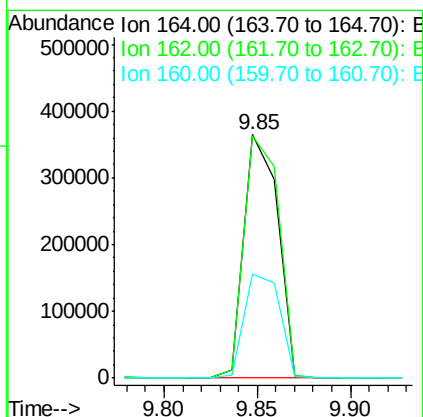
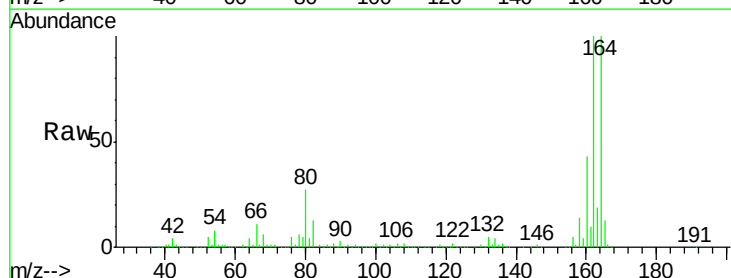
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

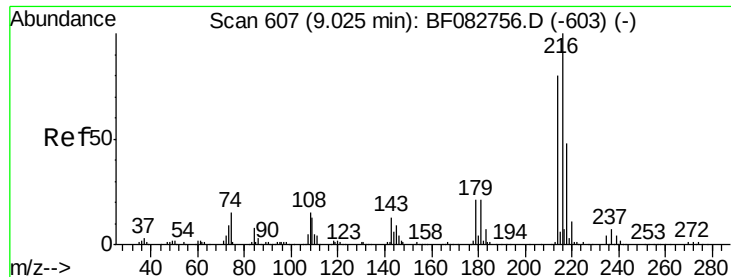
Tgt Ion:142 Resp: 921457
Ion Ratio Lower Upper
142 100
141 88.2 72.3 108.5
115 40.5 38.1 57.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion:164 Resp: 465368
Ion Ratio Lower Upper
164 100
162 99.5 84.9 127.3
160 42.8 37.5 56.3

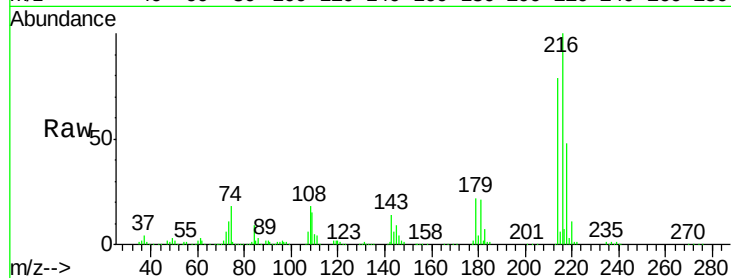




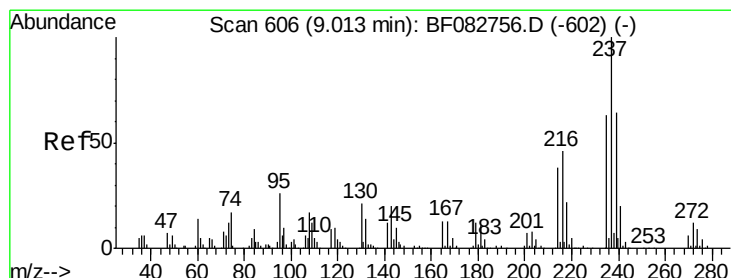
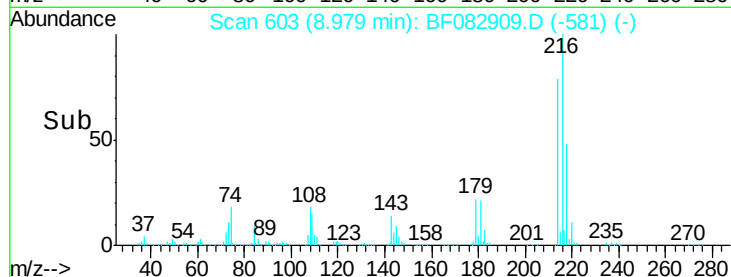
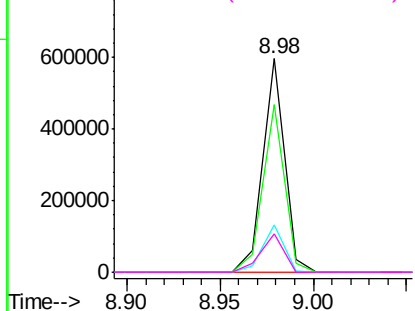
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.10 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Tgt Ion:	216	Resp:	475667
Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.2	93.2
179	22.4	18.1	27.1
108	19.3	16.6	25.0

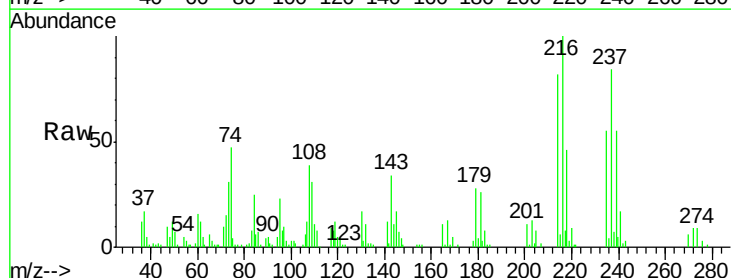


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

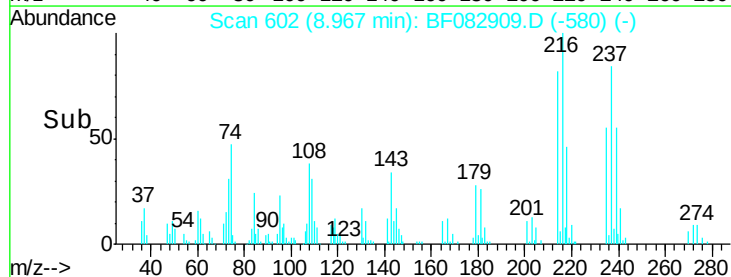
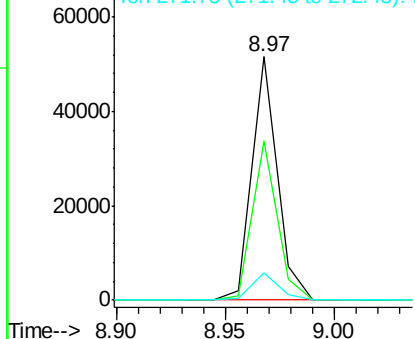


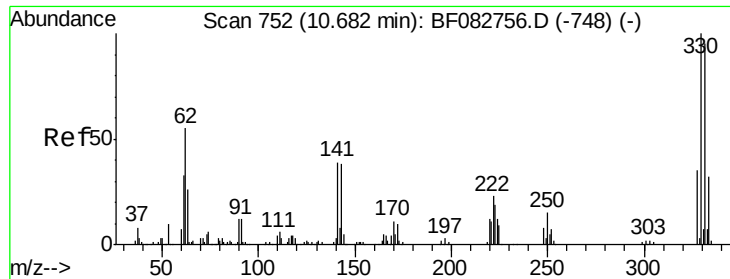
#40
 Hexachlorocyclopentadiene
 Concen: 5.07 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion:	237	Resp:	41642
Ion	Ratio	Lower	Upper
237	100		
235	65.6	44.3	84.3
272	11.2	0.0	31.9



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

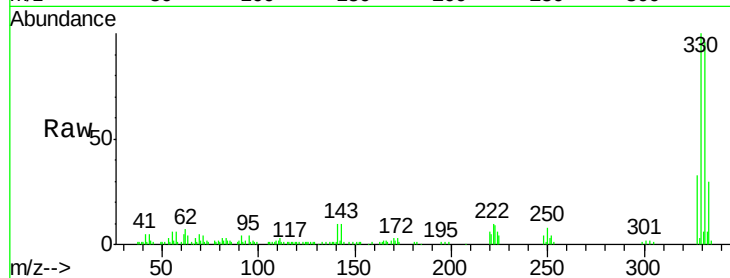




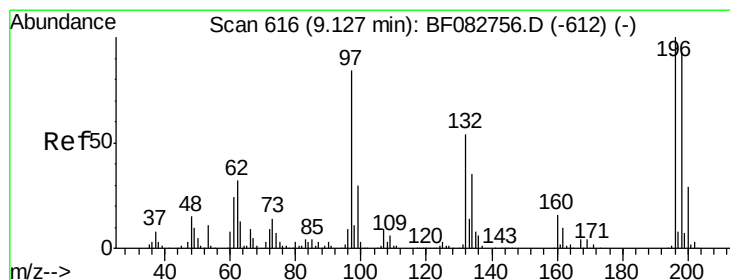
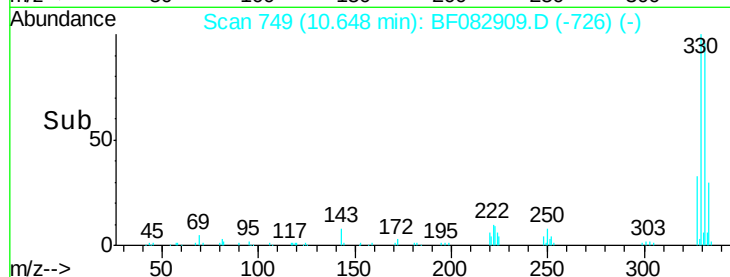
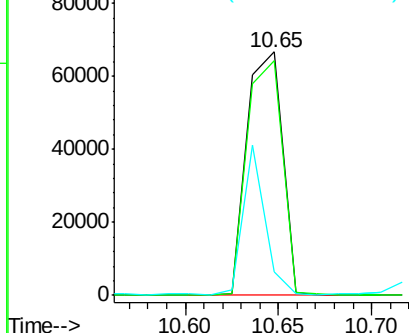
#41
 2,4,6-Tribromophenol
 Concen: 16.51 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Tgt Ion:330 Resp: 88116
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 39.0 41.2 61.8#

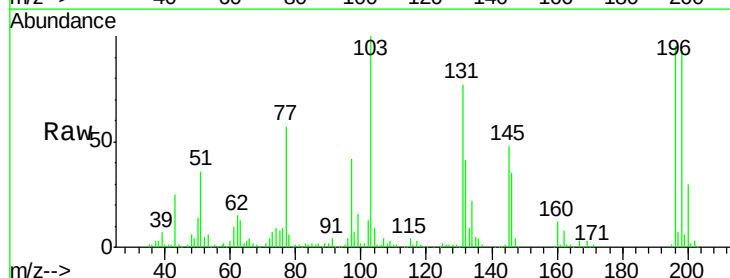


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

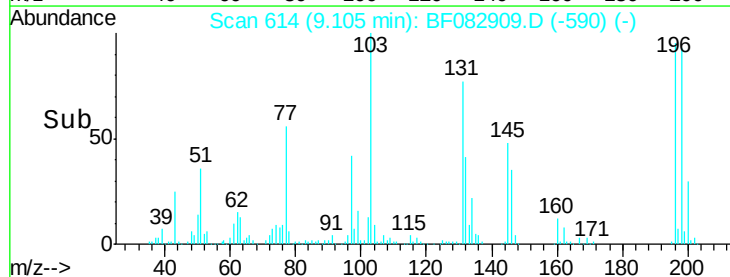
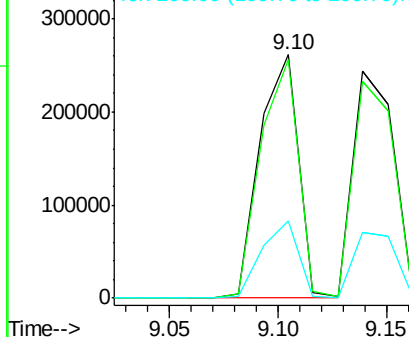


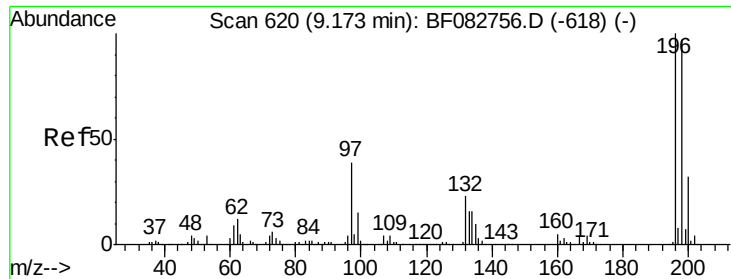
#42
 2,4,6-Trichlorophenol
 Concen: 28.40 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion:196 Resp: 324212
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.3 114.5
 200 31.6 23.9 35.9



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

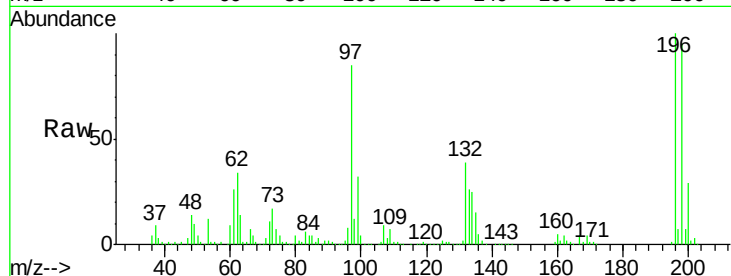




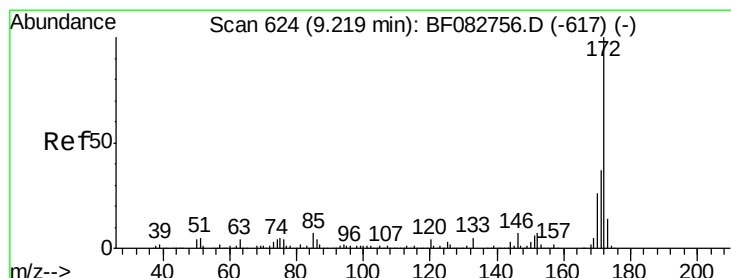
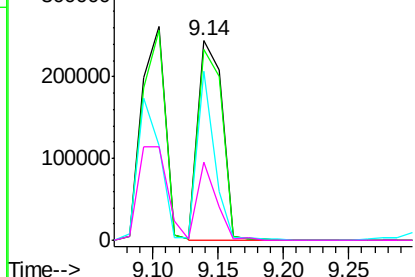
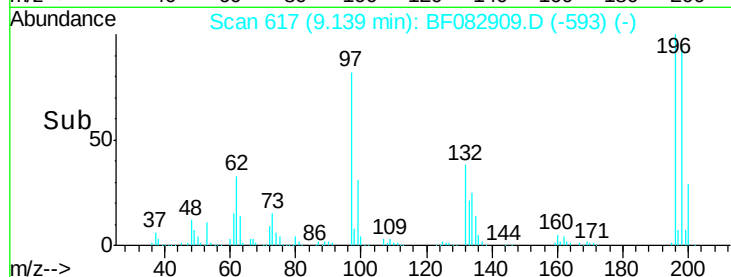
#43
 2,4,5-Trichlorophenol
 Concen: 28.06 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Tgt Ion:196 Resp: 316803
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.8 113.8
 97 84.5 62.3 93.5
 132 39.4 27.4 41.2

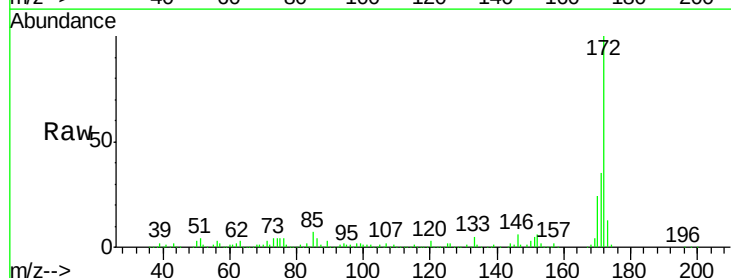


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

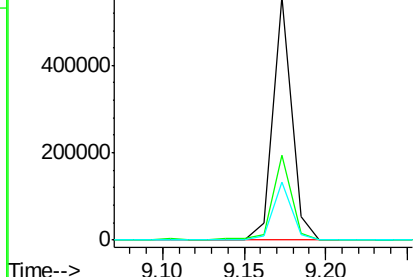
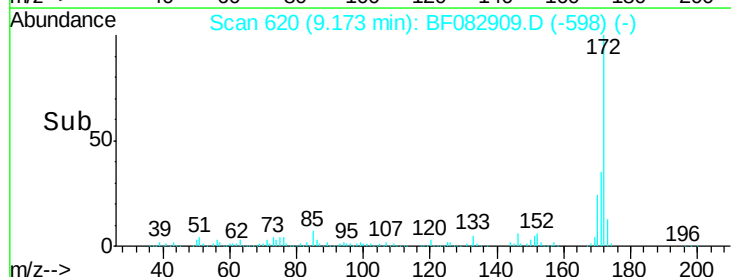


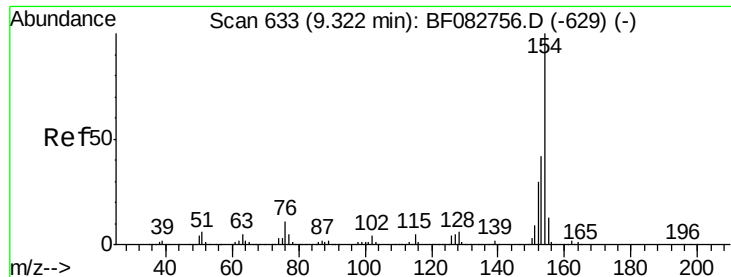
#44
 2-Fluorobiphenyl
 Concen: 13.75 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion:172 Resp: 446477
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.8 46.2
 170 23.6 21.2 31.8



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: 29.05 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

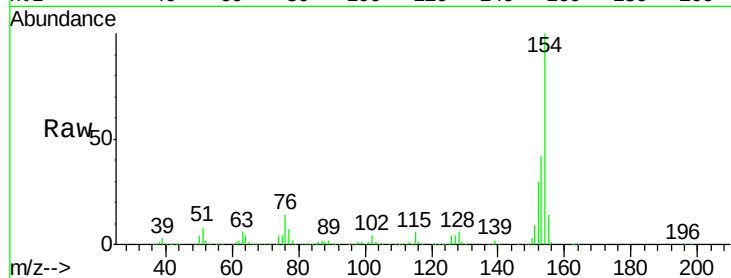
Tgt Ion:154 Resp: 1160027

Ion Ratio Lower Upper

154 100

153 41.8 22.0 62.0

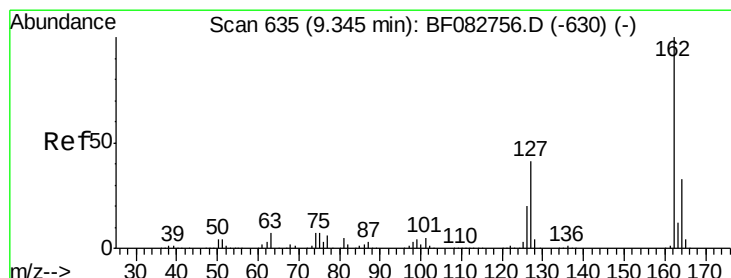
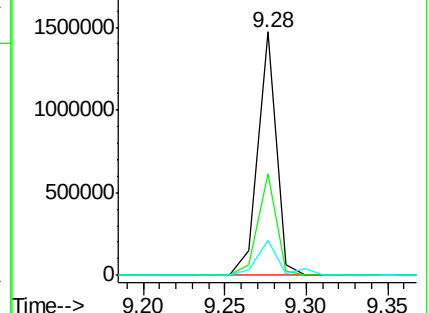
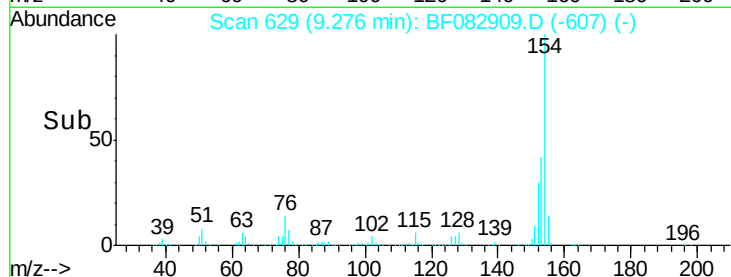
76 14.4 0.0 29.0



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: 30.03 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

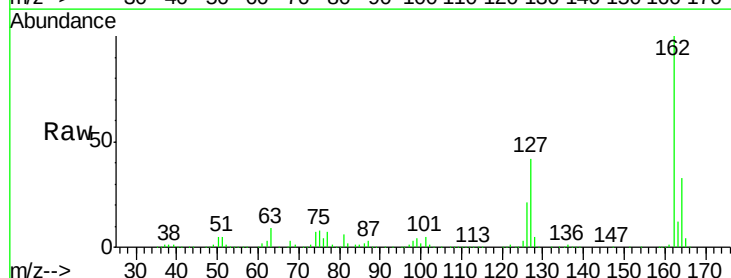
Tgt Ion:162 Resp: 935355

Ion Ratio Lower Upper

162 100

127 41.8 32.7 49.1

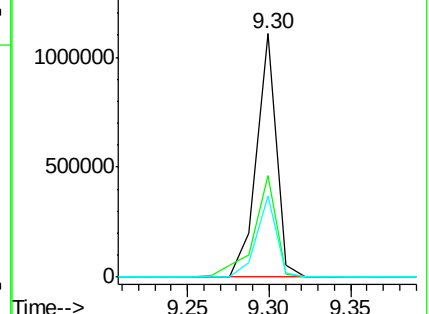
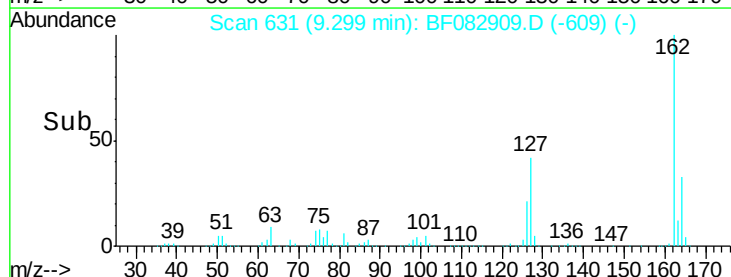
164 33.3 27.4 41.0

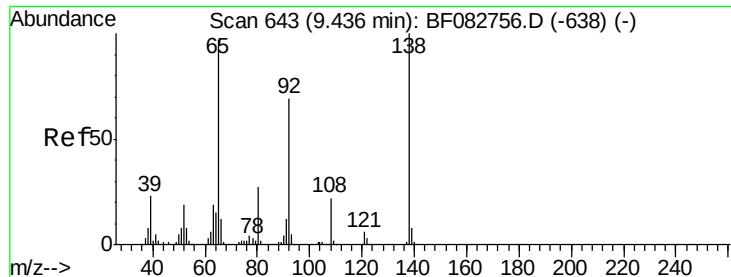


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

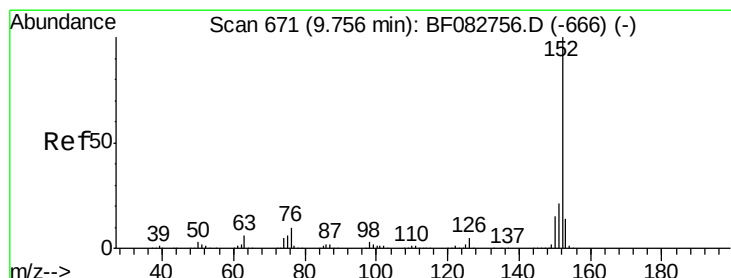
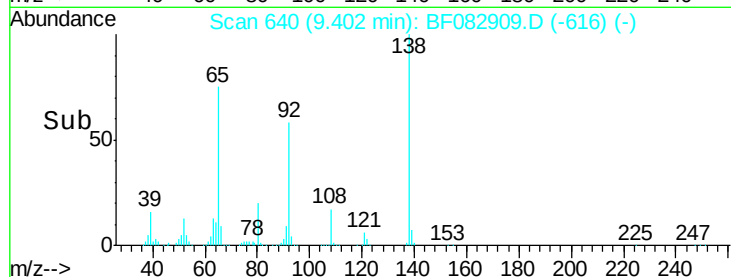
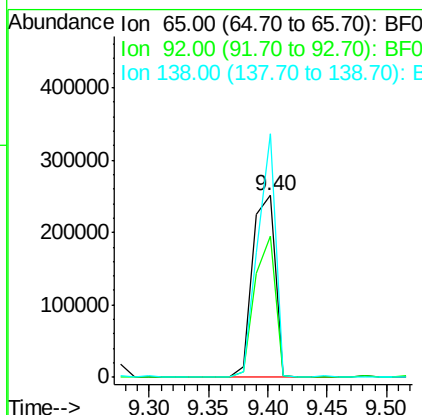
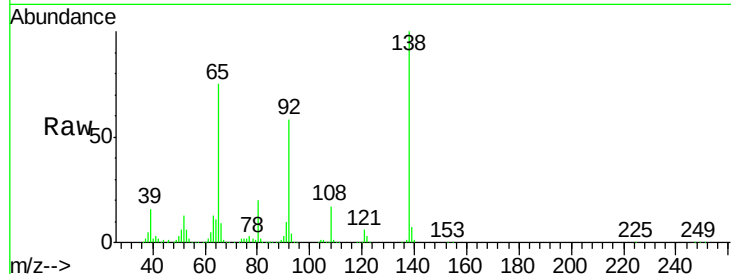




#47
2-Nitroaniline
Concen: 29.44 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

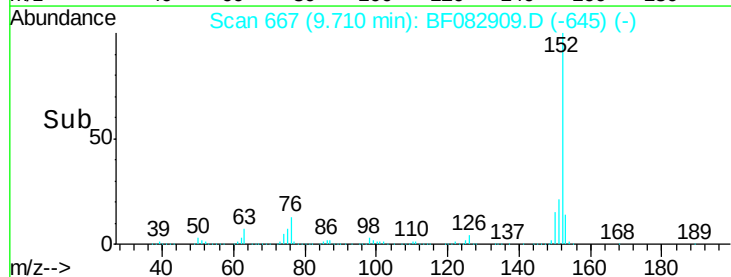
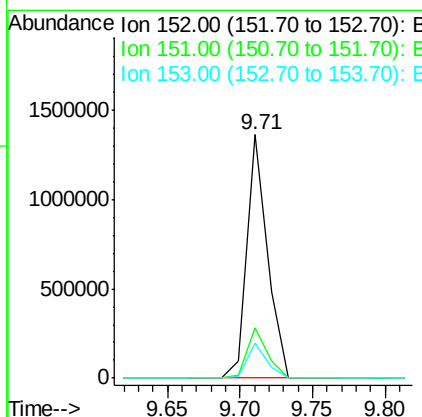
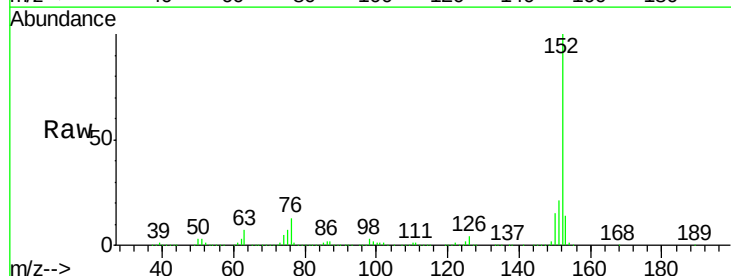
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

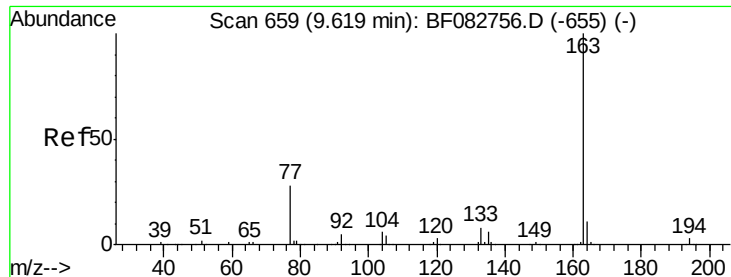
Tgt Ion: 65 Resp: 340236
Ion Ratio Lower Upper
65 100
92 77.6 46.6 70.0#
138 133.7 54.6 81.8#



#48
Acenaphthylene
Concen: 27.34 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion: 152 Resp: 1334517
Ion Ratio Lower Upper
152 100
151 20.8 17.3 25.9
153 14.3 11.3 16.9

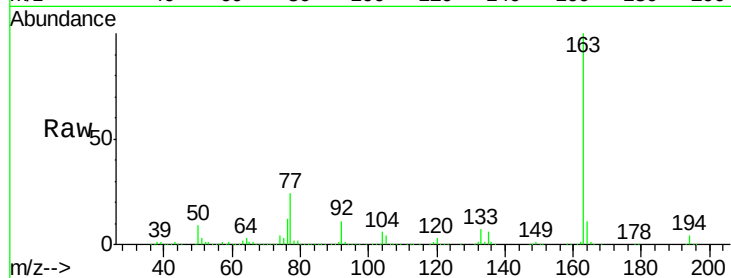




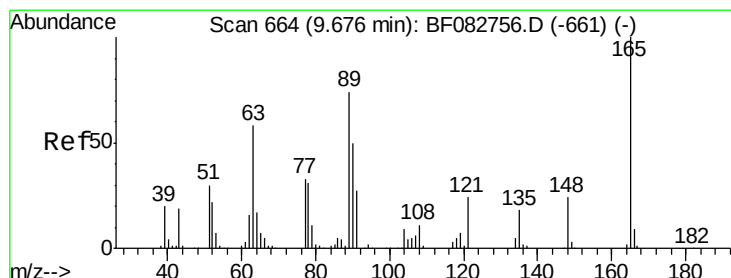
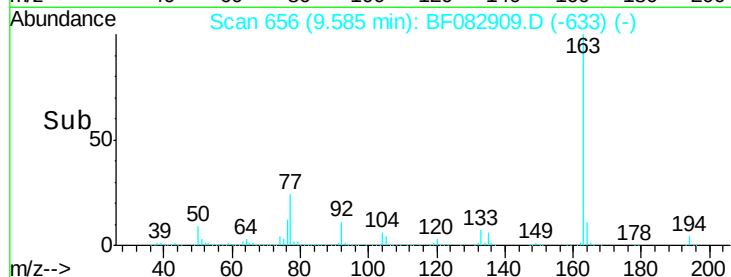
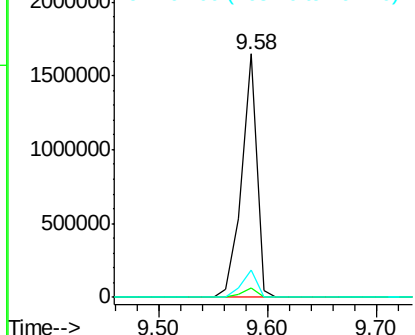
#49
Dimethylphthalate
Concen: 41.15 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

Tgt Ion:163 Resp: 1568945
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 11.0 8.7 13.1

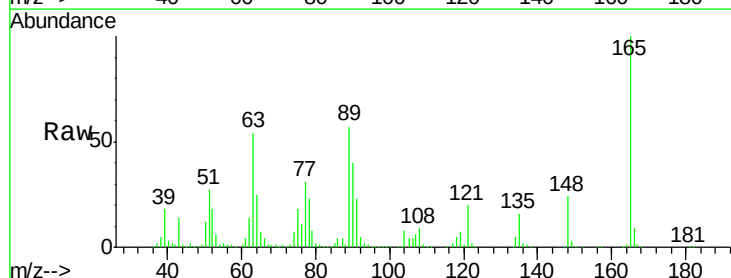


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

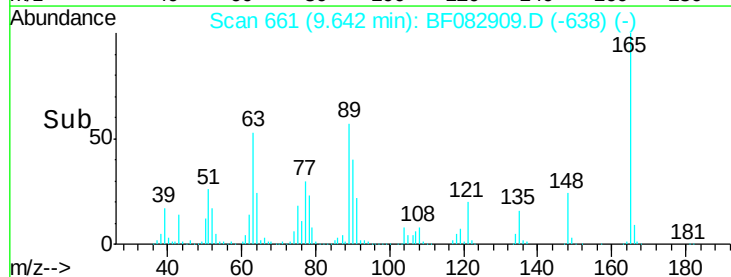
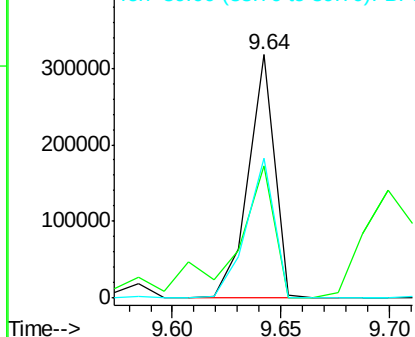


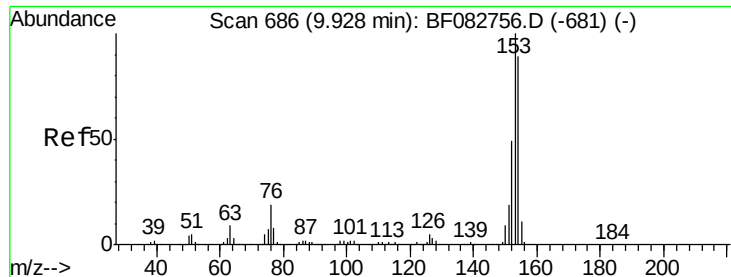
#50
2,6-Dinitrotoluene
Concen: 32.63 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion:165 Resp: 265468
Ion Ratio Lower Upper
165 100
63 54.2 55.5 83.3#
89 57.4 55.0 82.6



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





#51

Acenaphthene

Concen: 27.56 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

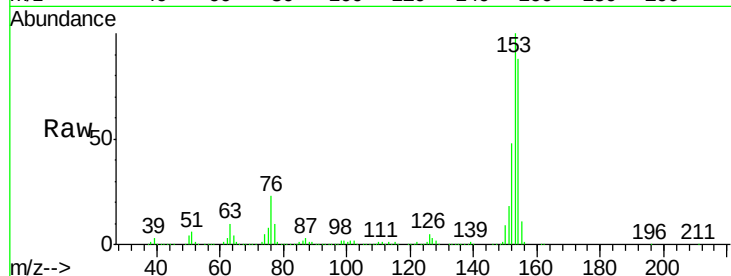
Tgt Ion:154 Resp: 852722

Ion Ratio Lower Upper

154 100

153 113.1 90.1 135.1

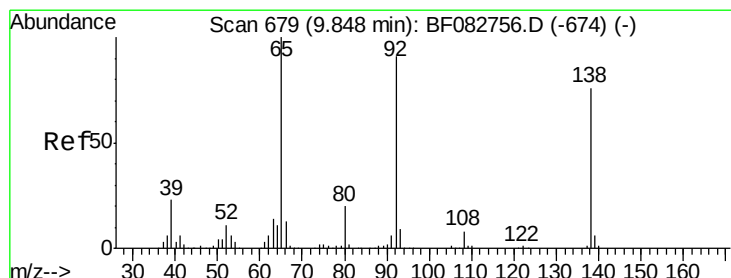
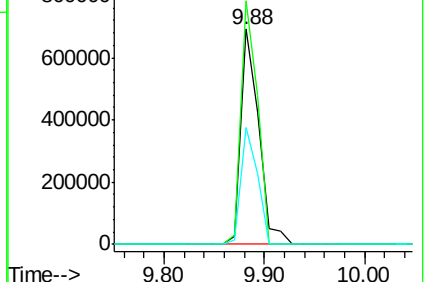
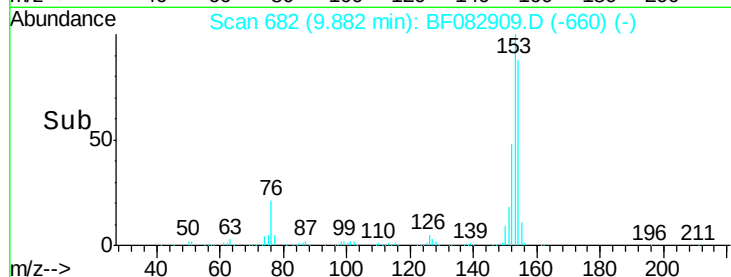
152 54.3 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.78 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

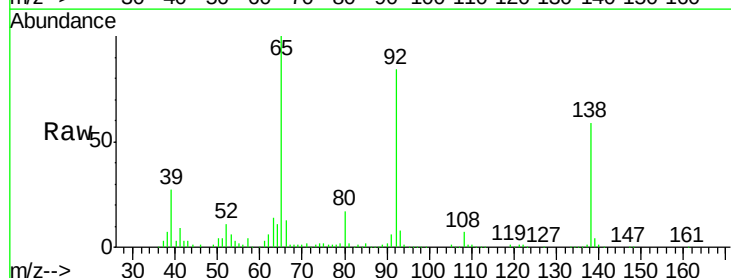
Tgt Ion:138 Resp: 185941

Ion Ratio Lower Upper

138 100

108 12.0 11.3 16.9

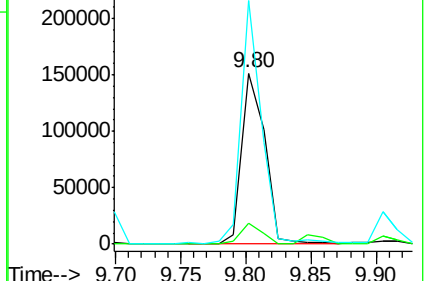
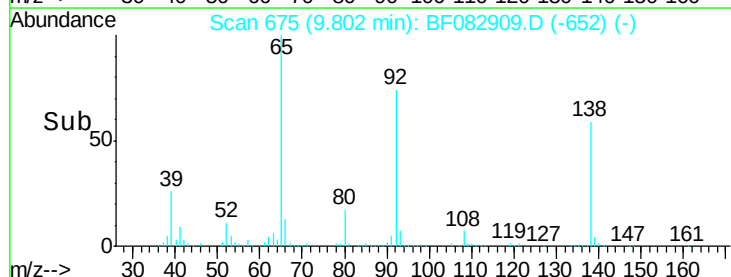
92 142.4 122.4 183.6

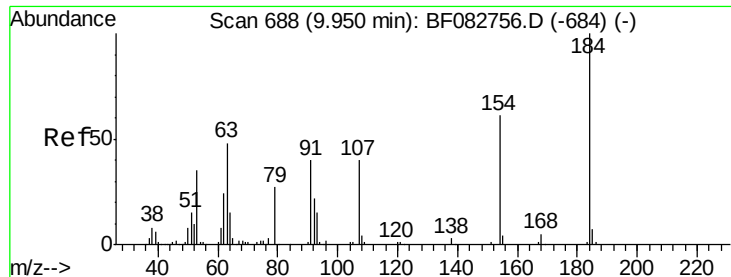


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

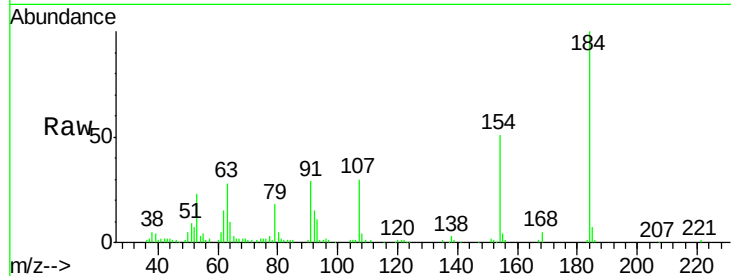




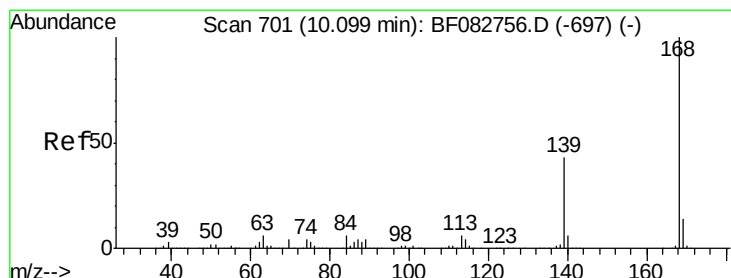
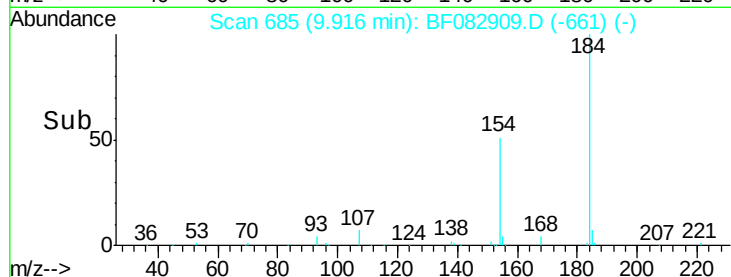
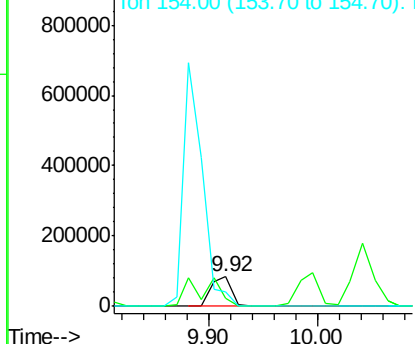
#53
2,4-Dinitrophenol
Concen: 24.84 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

Tgt Ion:184 Resp: 110931
Ion Ratio Lower Upper
184 100
63 28.3 98.6 148.0#
154 50.8 183.9 275.9#

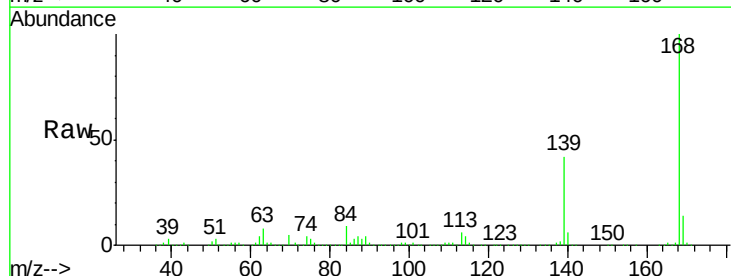


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

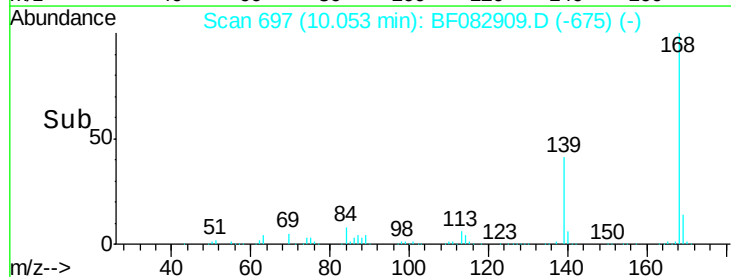
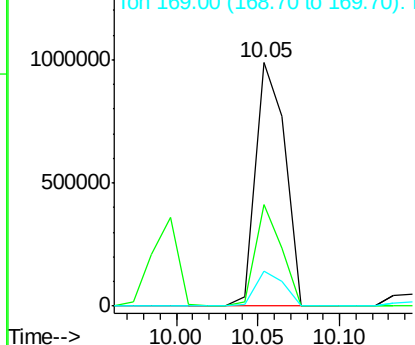


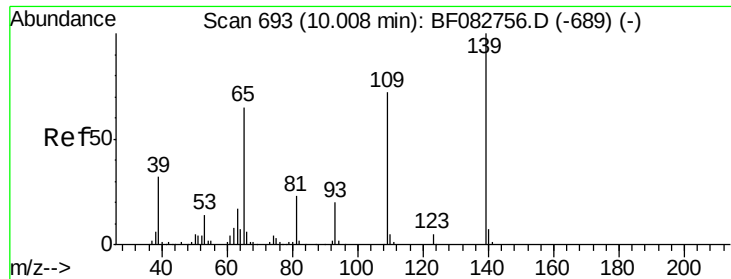
#54
Dibenzofuran
Concen: 29.57 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion:168 Resp: 1233265
Ion Ratio Lower Upper
168 100
139 41.8 37.8 56.6
169 14.2 11.3 16.9



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

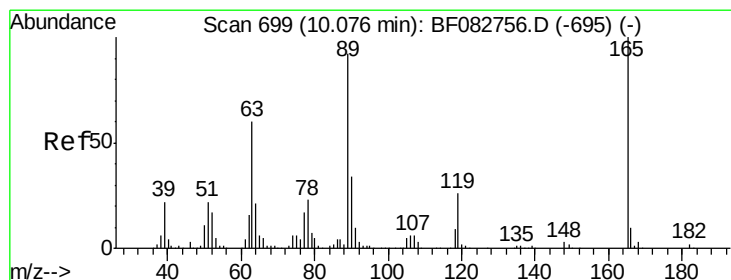
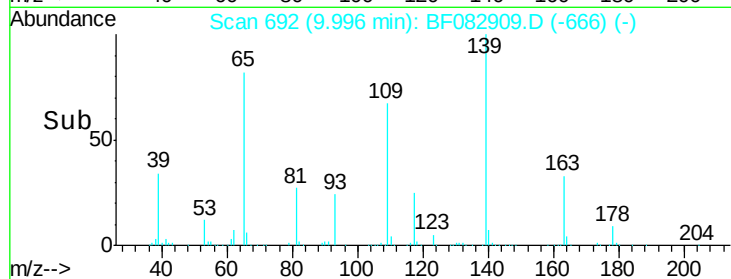
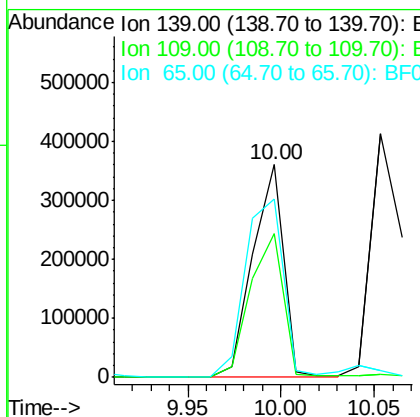
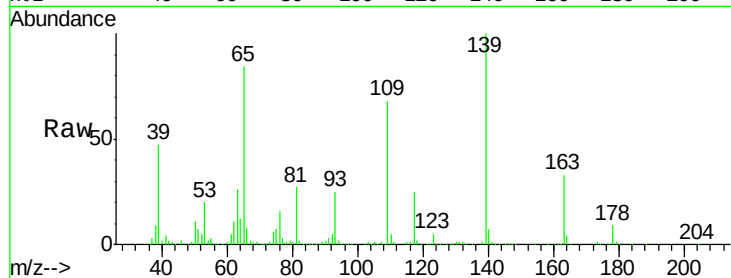




#55
4-Nitrophenol
Concen: 60.30 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

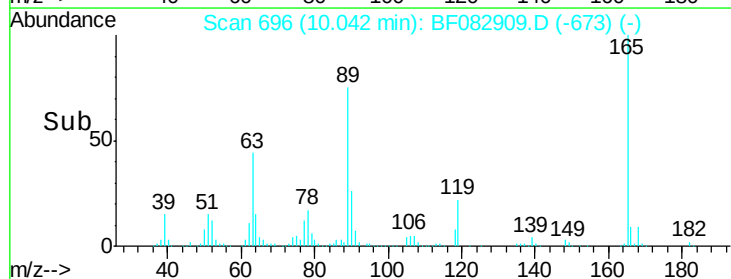
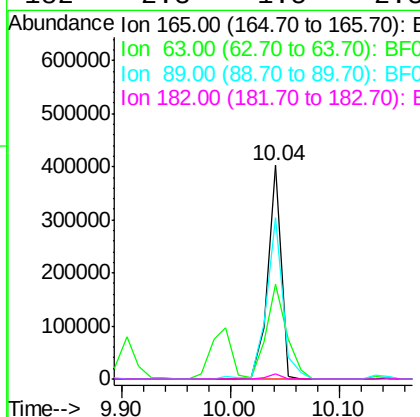
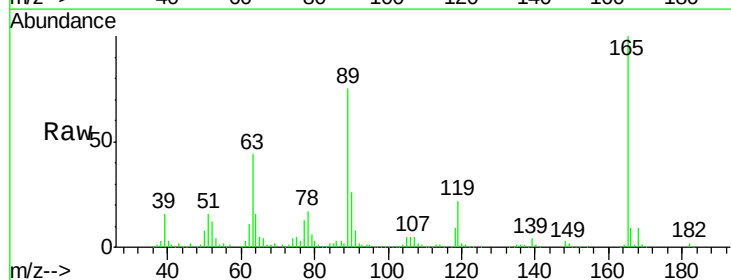
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

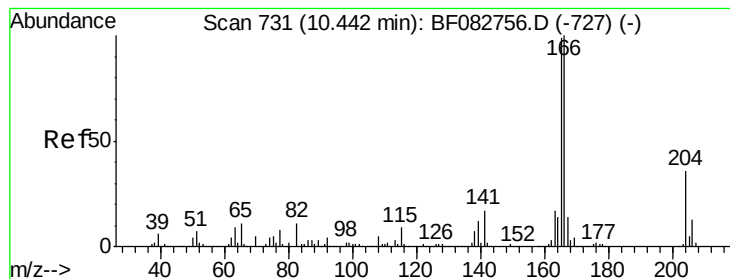
Tgt Ion:139 Resp: 413888
Ion Ratio Lower Upper
139 100
109 67.5 73.7 113.7#
65 84.1 82.9 122.9



#56
2,4-Dinitrotoluene
Concen: 31.60 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion:165 Resp: 348822
Ion Ratio Lower Upper
165 100
63 44.4 43.4 65.0
89 75.3 70.6 106.0
182 2.3 1.5 2.3#





#57

Fluorene

Concen: 26.73 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

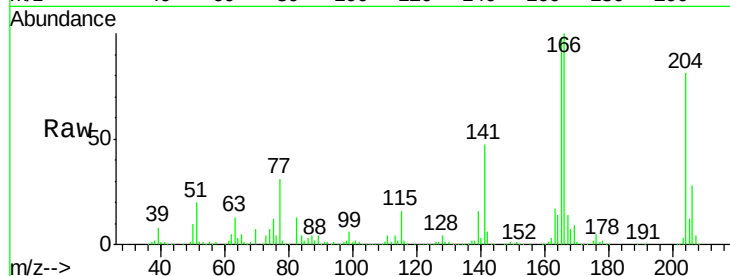
Tgt Ion:166 Resp: 902925

Ion Ratio Lower Upper

166 100

165 97.5 80.2 120.4

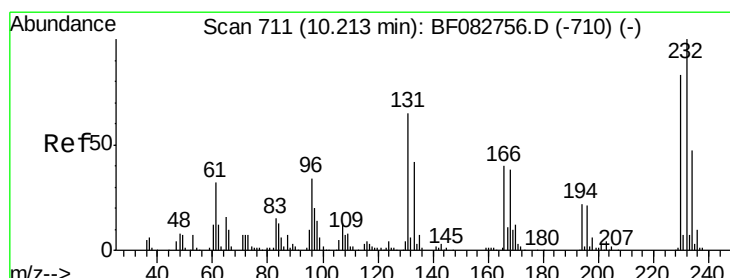
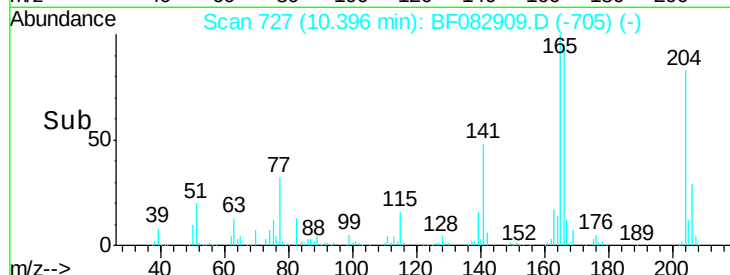
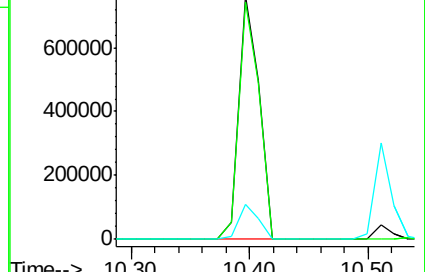
167 14.3 11.2 16.8



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: 27.06 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Tgt Ion:232 Resp: 249334

Ion Ratio Lower Upper

232 100

131 46.6 46.2 69.2

130 2.2 2.4 3.6#

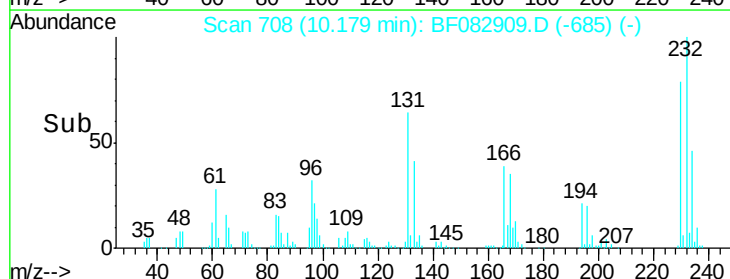
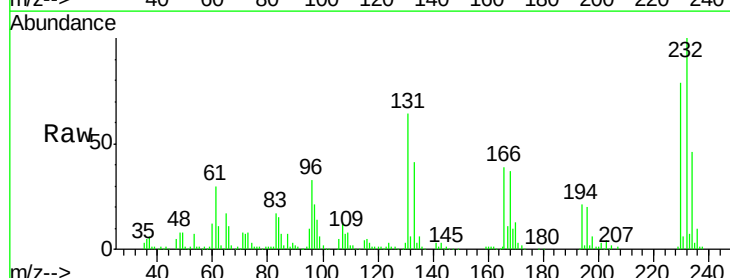
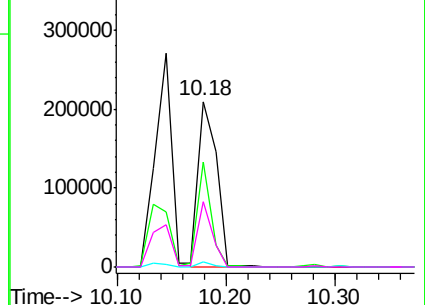
166 31.1 28.2 42.2

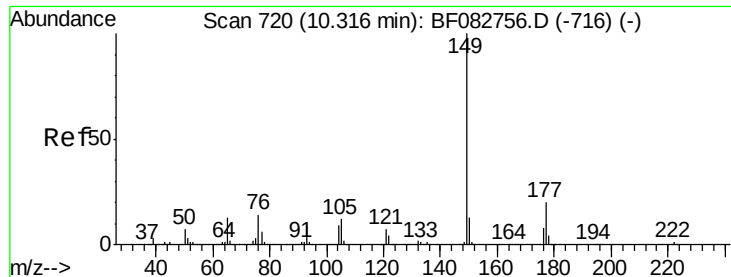
Abundance Ion 232.00 (231.70 to 232.70): E

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

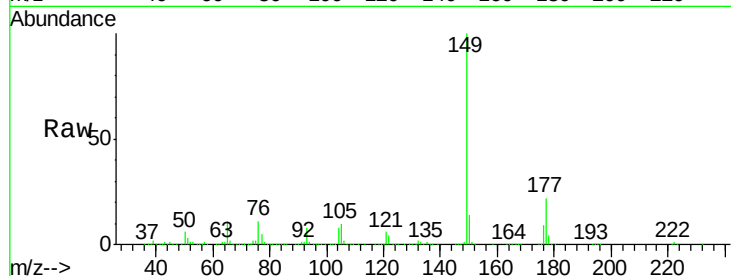




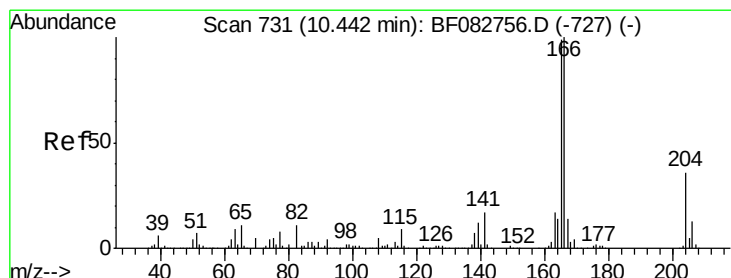
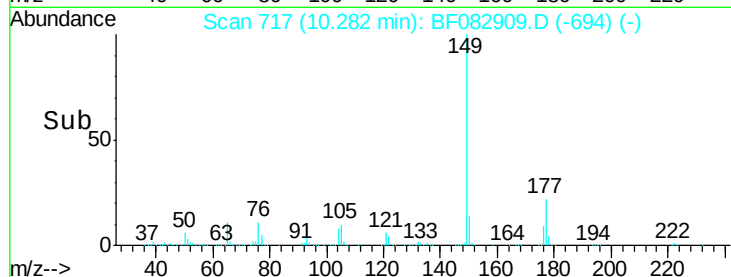
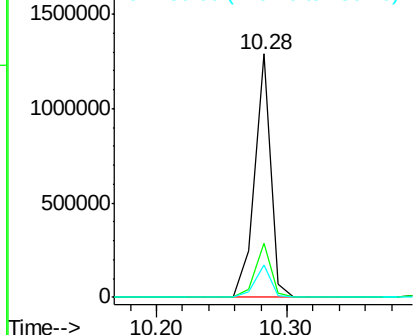
#59
Diethylphthalate
Concen: 29.71 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

Tgt Ion:149 Resp: 1105850
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 13.6 10.1 15.1

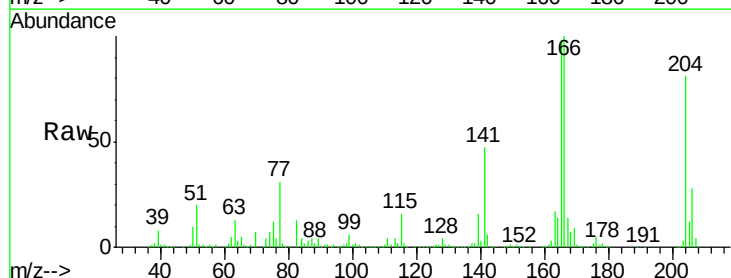


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

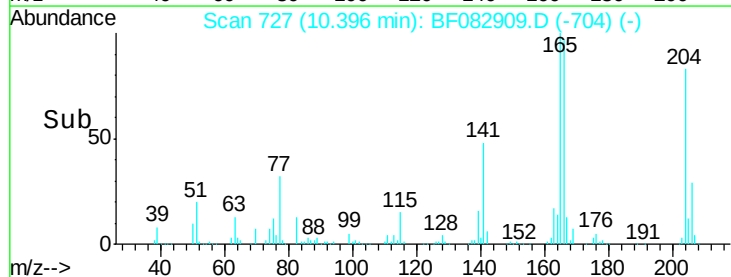
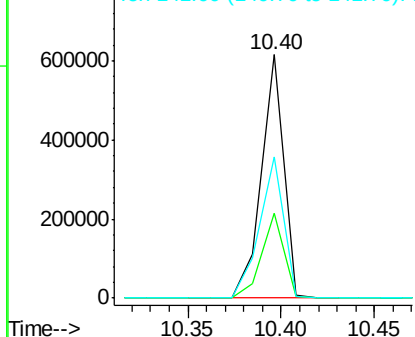


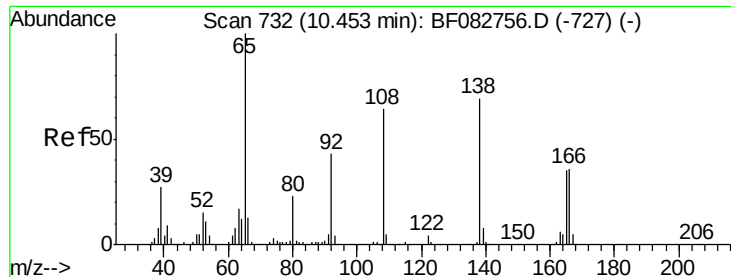
#60
4-Chlorophenyl-phenylether
Concen: 29.85 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion:204 Resp: 504572
Ion Ratio Lower Upper
204 100
206 35.0 28.5 42.7
141 58.0 44.6 66.8



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

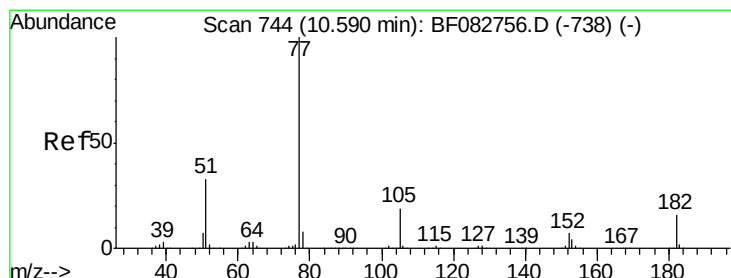
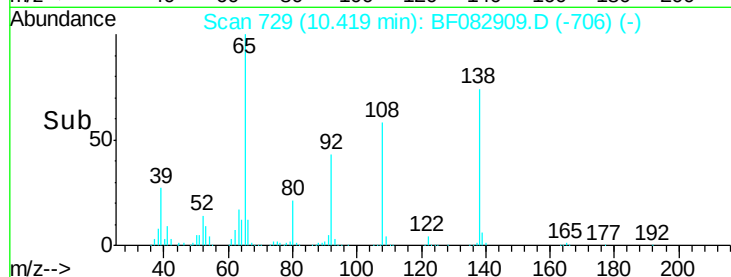
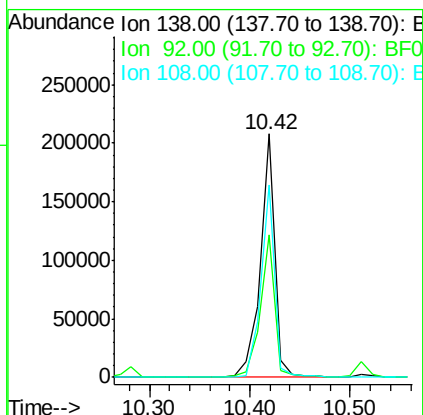
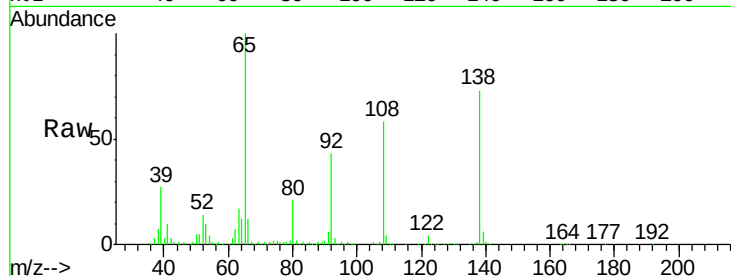




#61
4-Nitroaniline
Concen: 23.23 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

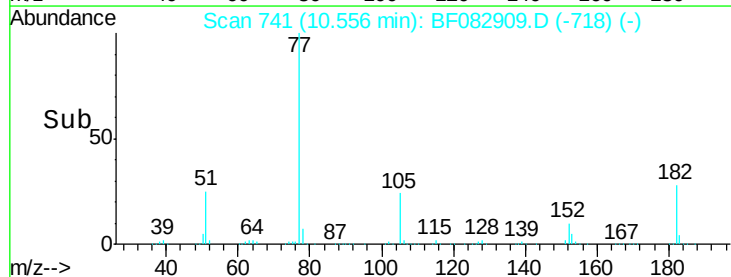
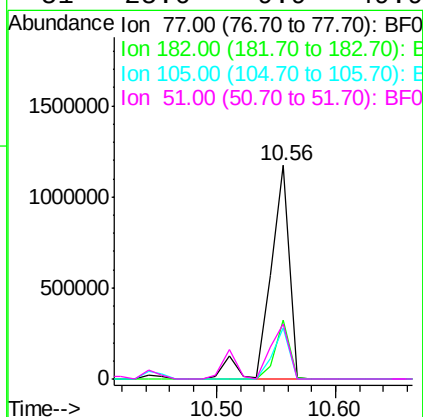
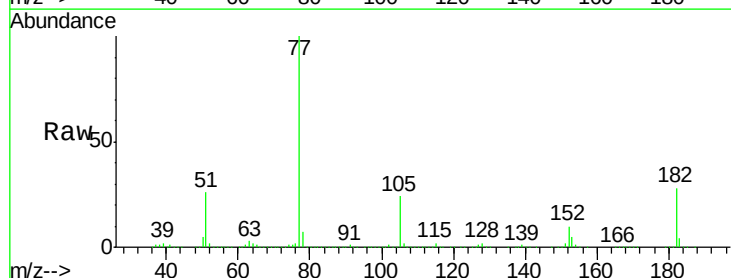
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

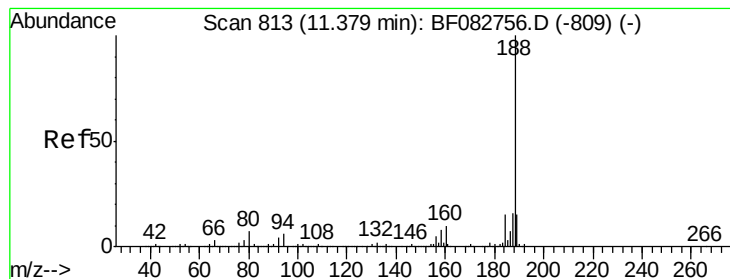
Tgt Ion:138 Resp: 209022
Ion Ratio Lower Upper
138 100
92 58.8 45.8 85.8
108 78.9 89.4 129.4#



#62
Azobenzene
Concen: 32.73 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion: 77 Resp: 1308807
Ion Ratio Lower Upper
77 100
182 27.6 9.3 49.3
105 24.2 2.6 42.6
51 25.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

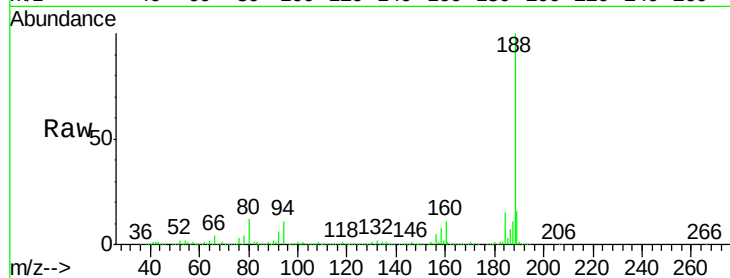
Tgt Ion:188 Resp: 778504

Ion Ratio Lower Upper

188 100

94 10.9 6.1 9.1#

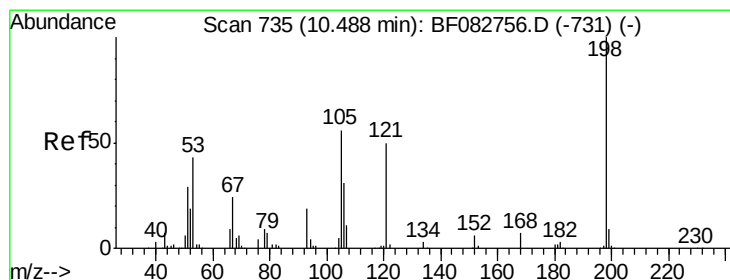
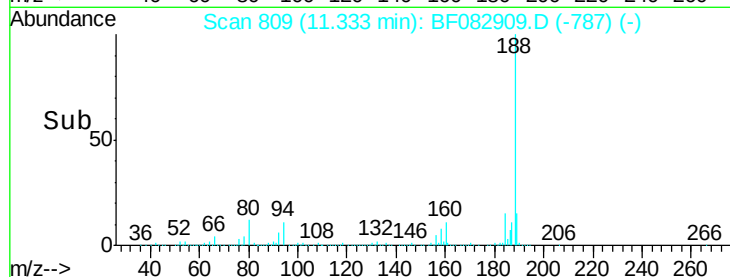
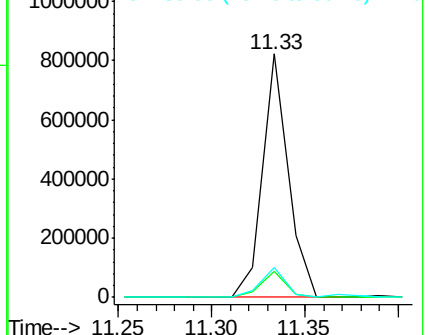
80 12.5 7.0 10.6#



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: 19.37 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

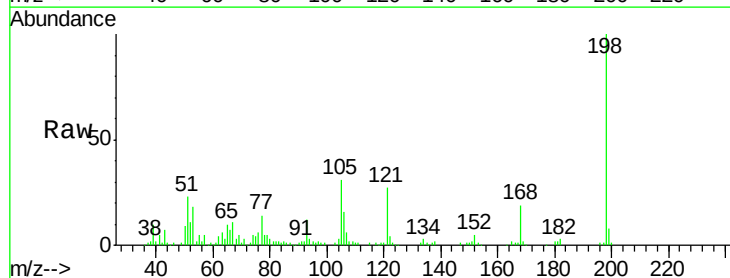
Tgt Ion:198 Resp: 107440

Ion Ratio Lower Upper

198 100

51 22.8 17.3 57.3

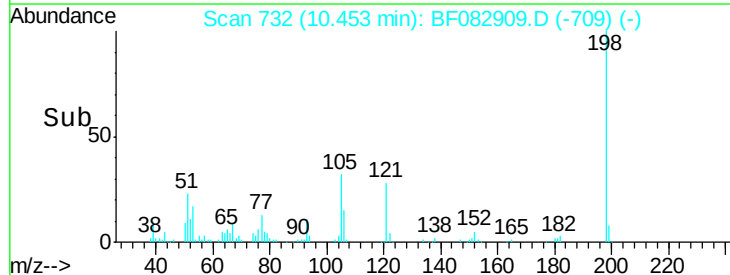
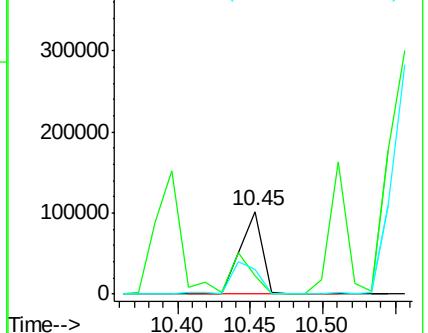
105 30.8 21.7 61.7

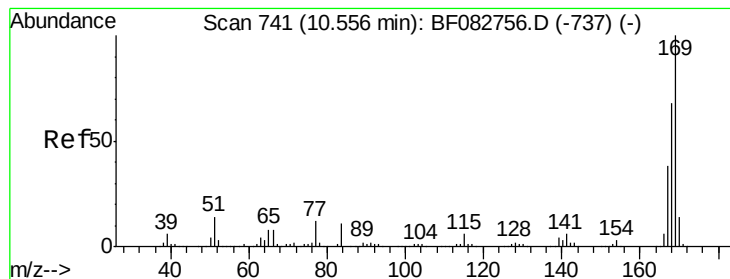


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 27.92 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

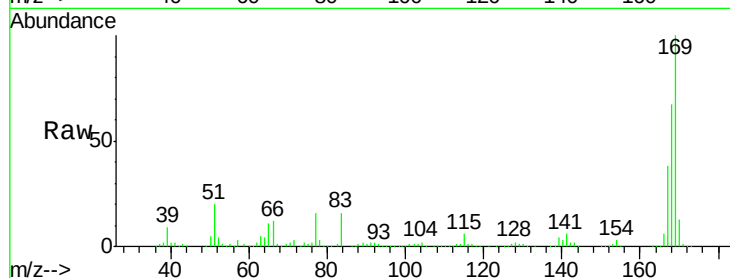
Tgt Ion:169 Resp: 785303

Ion Ratio Lower Upper

169 100

168 66.8 55.0 82.6

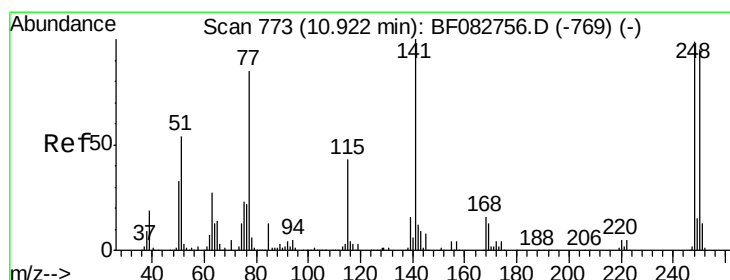
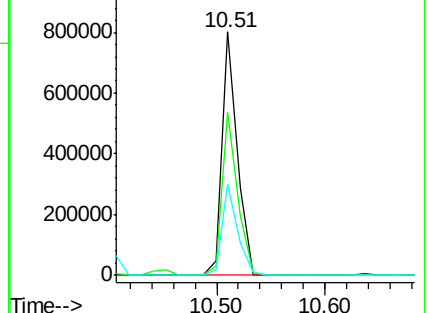
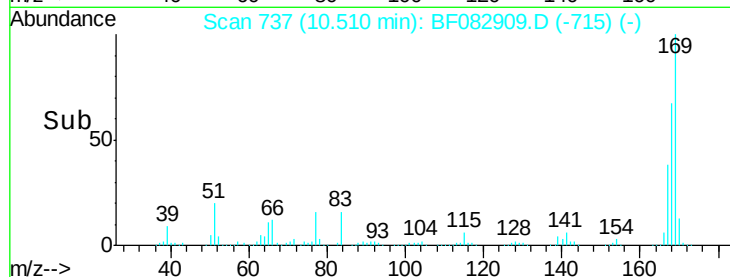
167 37.6 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 31.61 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

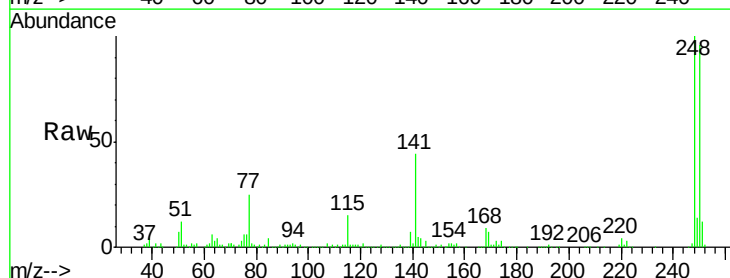
Tgt Ion:248 Resp: 296341

Ion Ratio Lower Upper

248 100

250 96.1 79.4 119.2

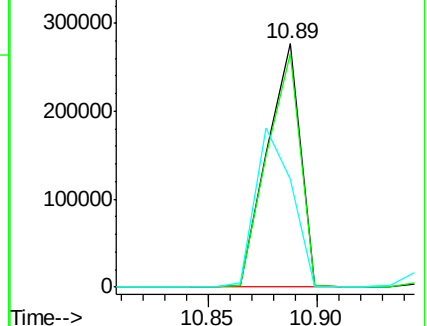
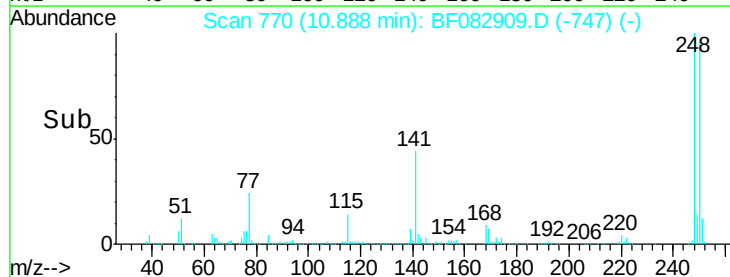
141 44.2 36.3 54.5

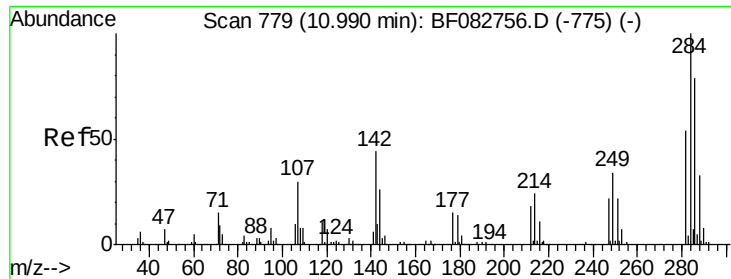


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 30.13 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

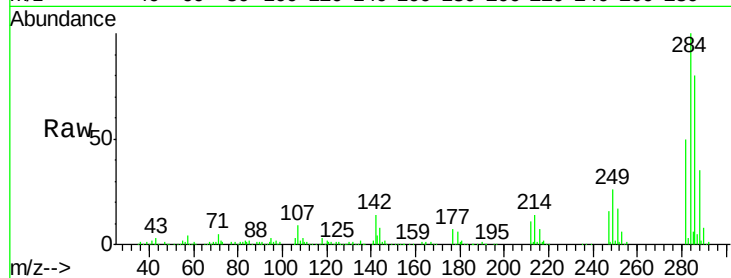
Tgt Ion:284 Resp: 315353

Ion Ratio Lower Upper

284 100

142 13.8 47.9 71.9#

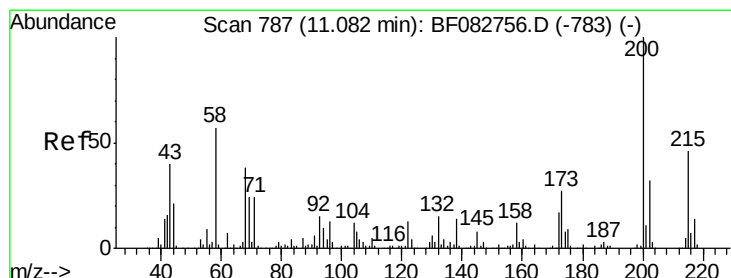
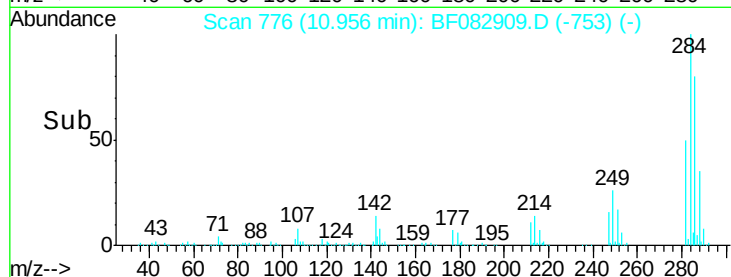
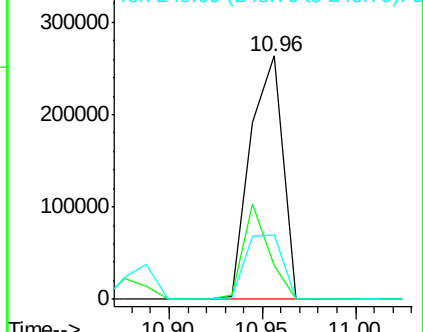
249 26.5 29.7 44.5#



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: 29.67 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

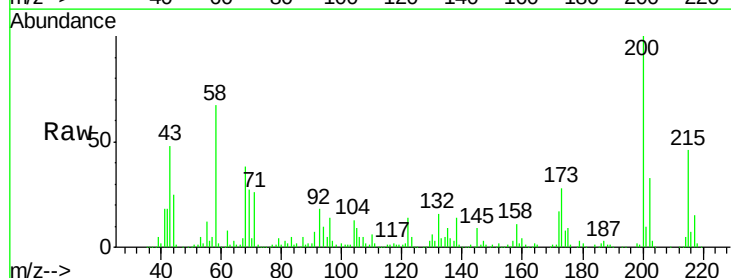
Tgt Ion:200 Resp: 258016

Ion Ratio Lower Upper

200 100

173 28.3 6.9 46.9

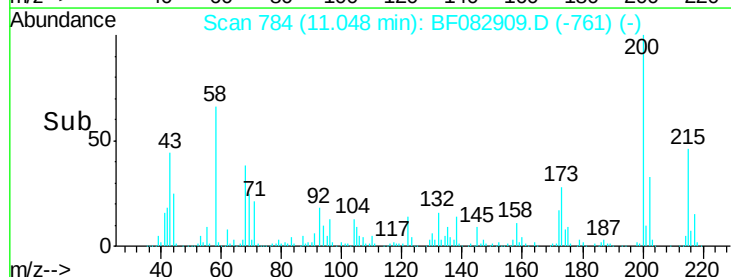
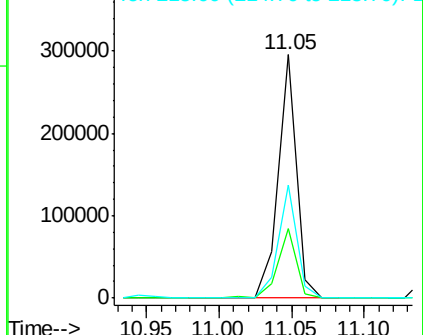
215 46.2 22.9 62.9

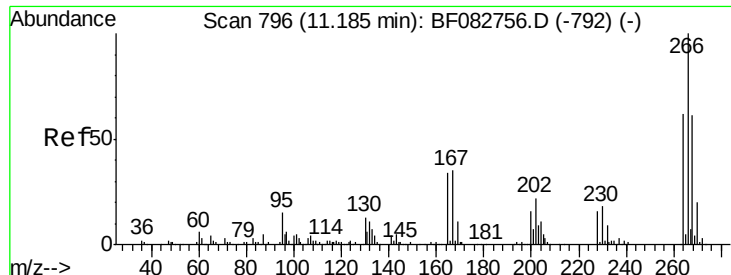


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

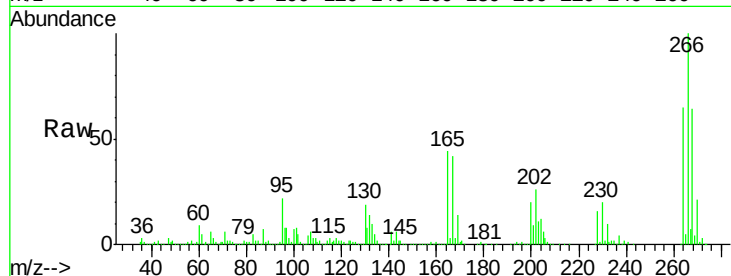




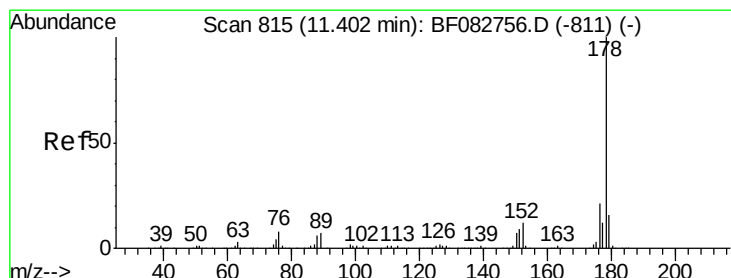
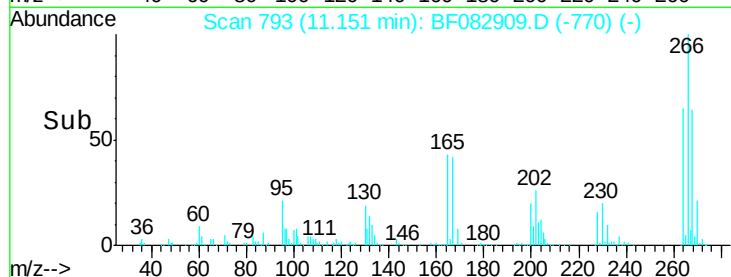
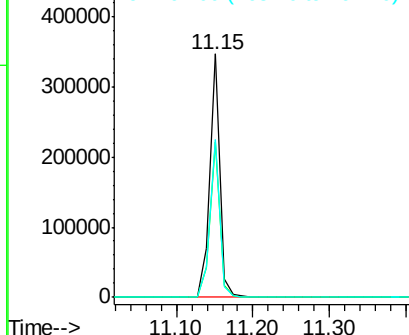
#69
 Pentachlorophenol
 Concen: 49.33 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

Tgt Ion:266 Resp: 313563
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.0 76.6
 264 64.6 50.6 75.8

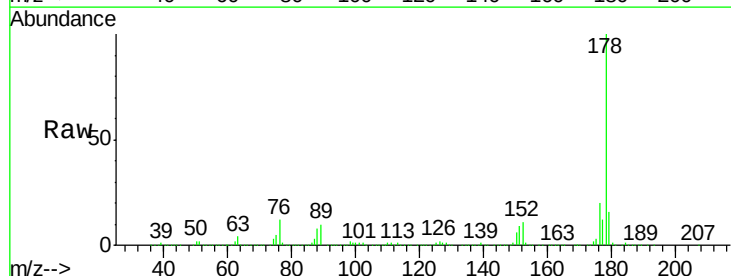


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

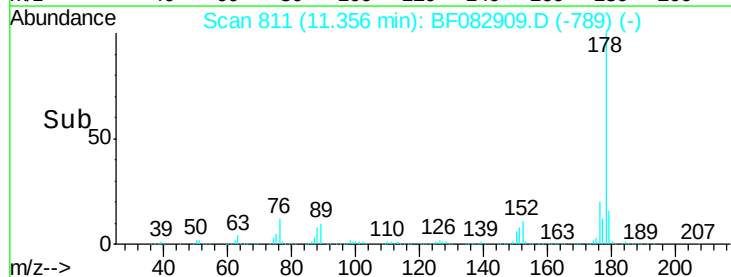
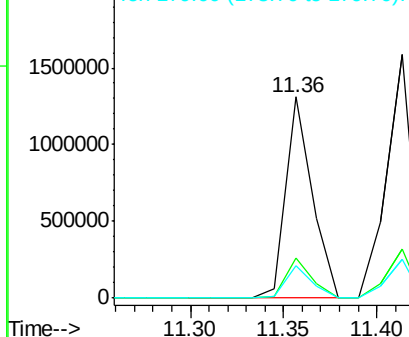


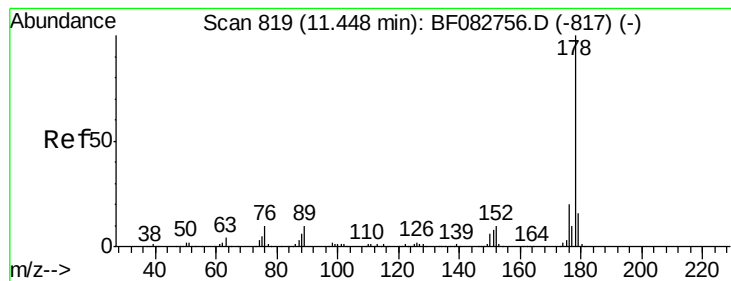
#70
 Phenanthrene
 Concen: 28.75 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion:178 Resp: 1299846
 Ion Ratio Lower Upper
 178 100
 176 19.9 17.0 25.4
 179 16.2 13.4 20.0



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





#71

Anthracene

Concen: 30.52 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

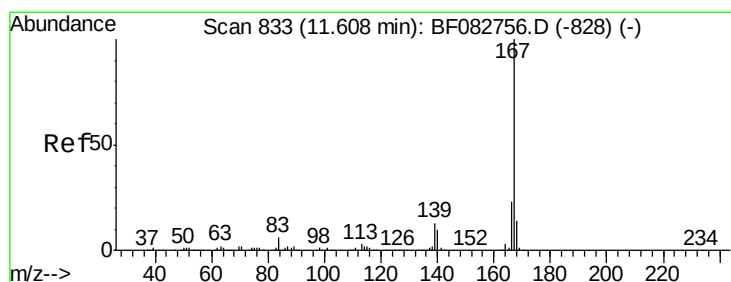
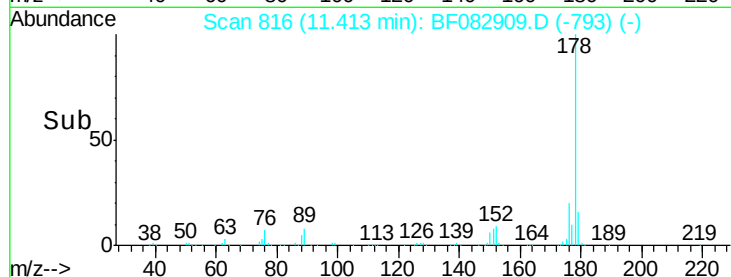
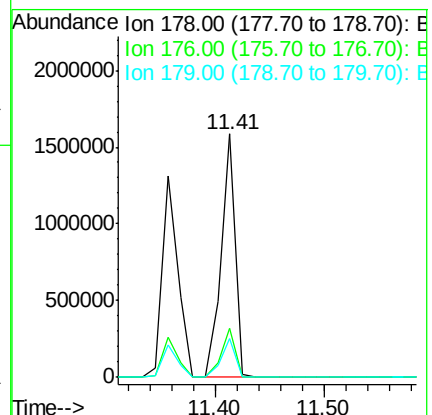
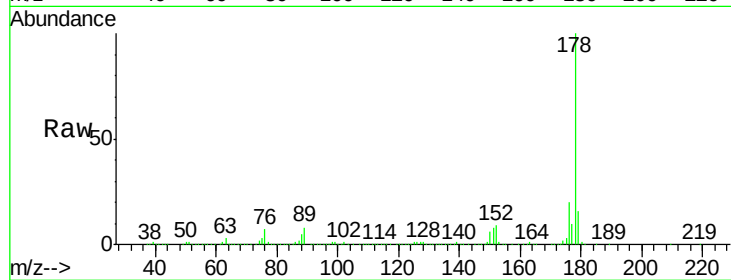
Tgt Ion:178 Resp: 1453401

Ion Ratio Lower Upper

178 100

176 20.1 16.5 24.7

179 16.2 13.2 19.8



#72

Carbazole

Concen: 28.43 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

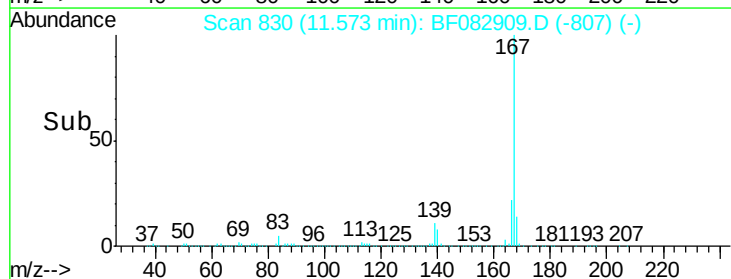
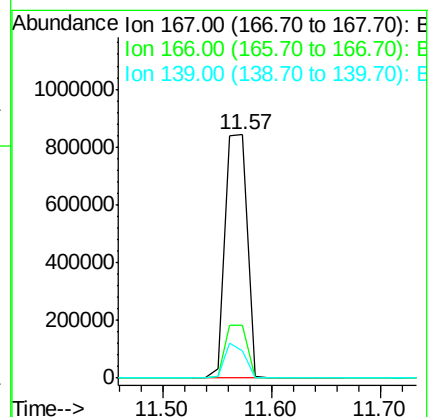
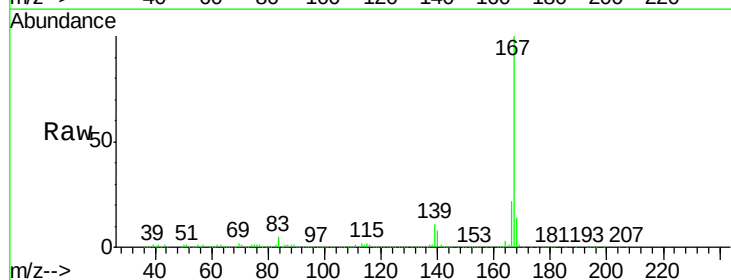
Tgt Ion:167 Resp: 1185008

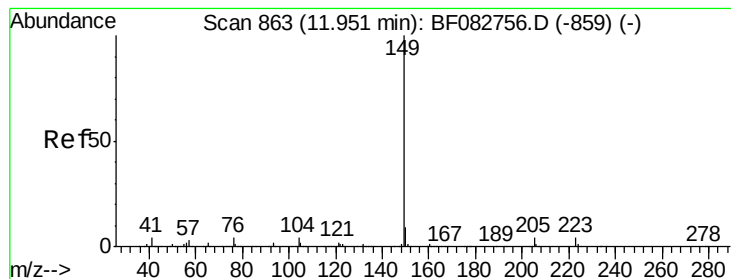
Ion Ratio Lower Upper

167 100

166 21.6 18.7 28.1

139 11.3 11.8 17.6#





#73

Di-n-butylphthalate

Concen: 30.04 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

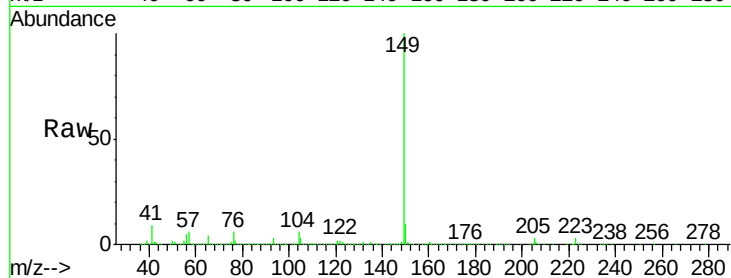
Tgt Ion:149 Resp: 1560333

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

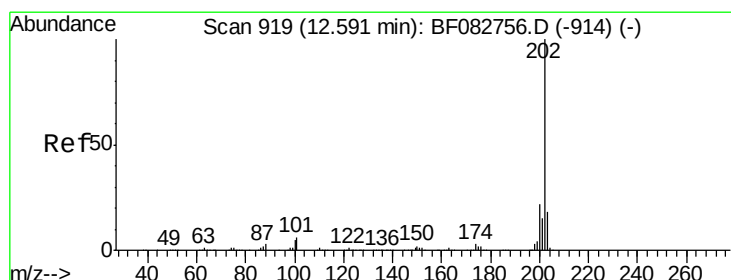
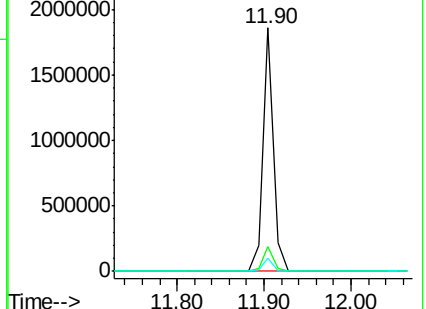
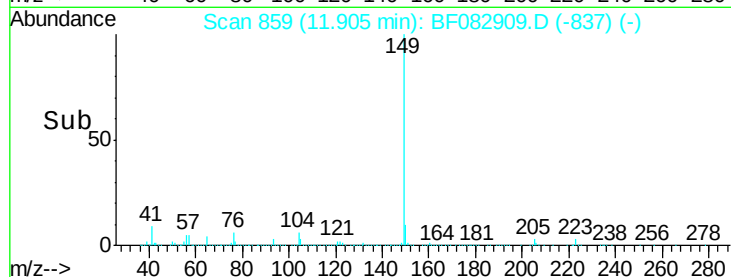
104 5.5 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 24.76 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

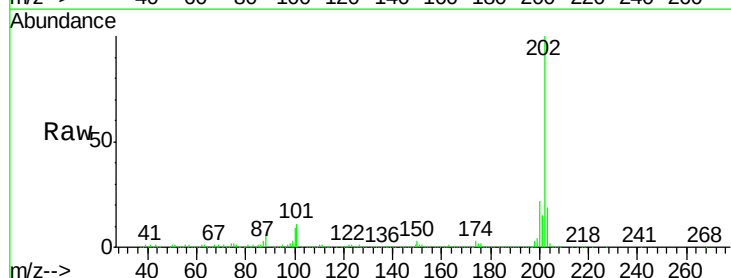
Tgt Ion:202 Resp: 1201071

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.5

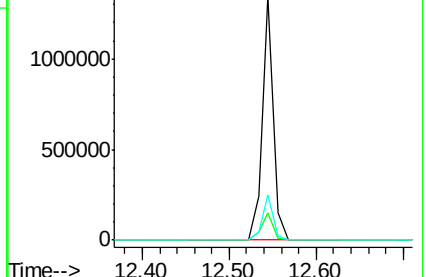
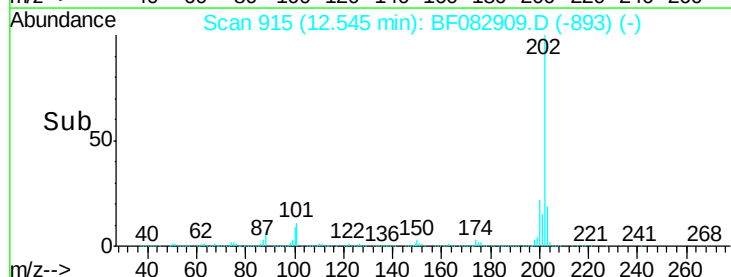
203 18.7 0.0 38.5

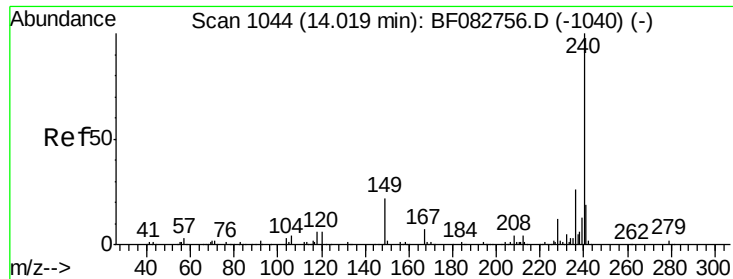


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

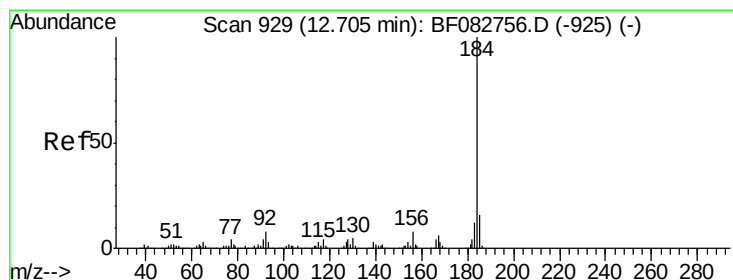
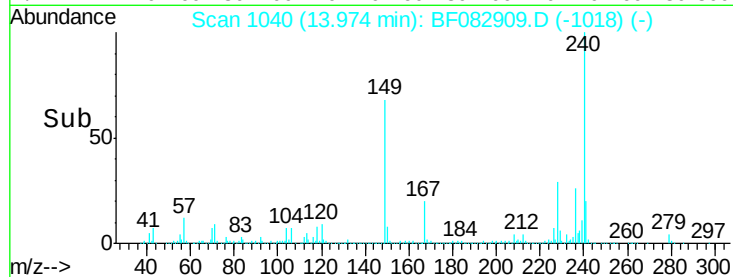
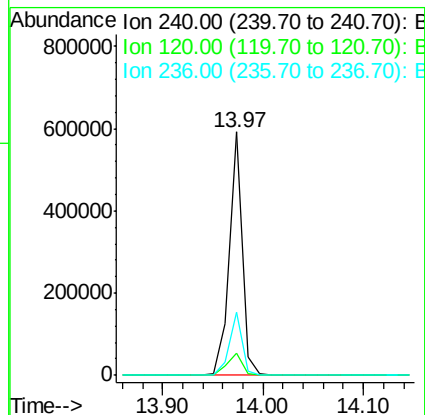
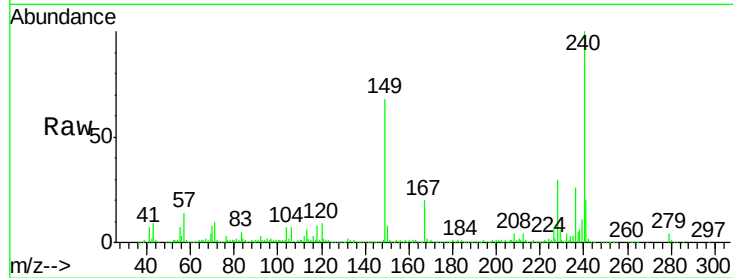
Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

Tgt Ion:	240	Resp:	531564
Ion	Ratio	Lower	Upper
240	100		
120	9.1	10.9	16.3#
236	25.8	21.6	32.4



#76

Benzidine

Concen: 17.76 ng

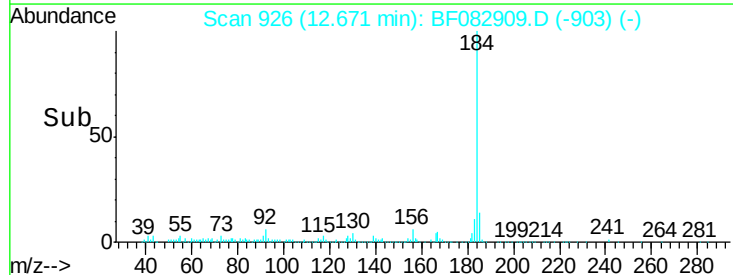
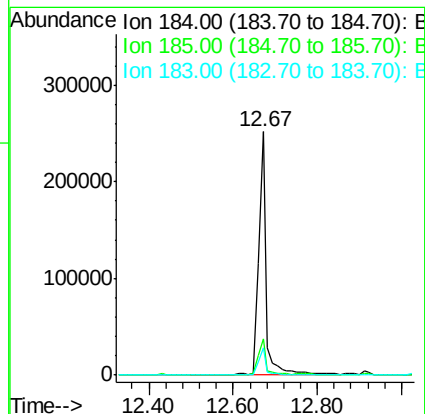
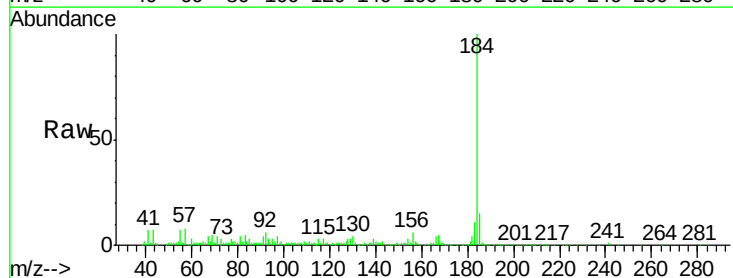
RT: 12.67 min Scan# 926

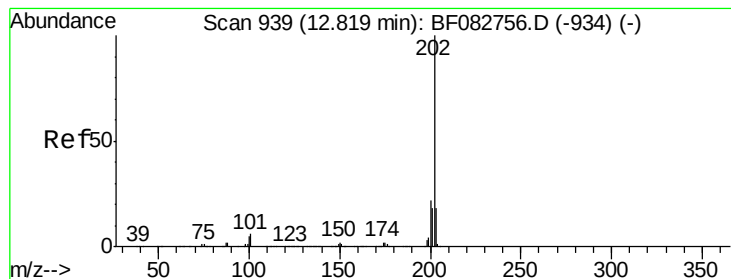
Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Tgt Ion:	184	Resp:	316465
Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.0	18.0
183	11.3	9.6	14.4





#77

Pyrene

Concen: 34.30 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

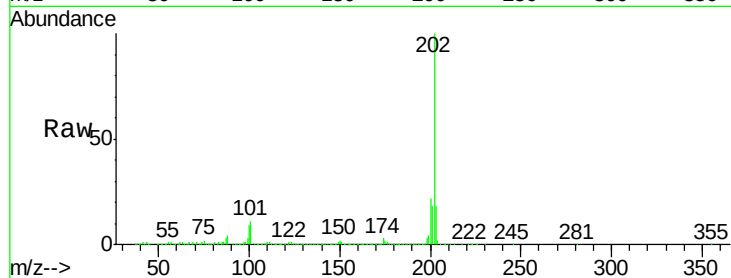
Tgt Ion:202 Resp: 1252014

Ion Ratio Lower Upper

202 100

200 22.0 18.7 28.1

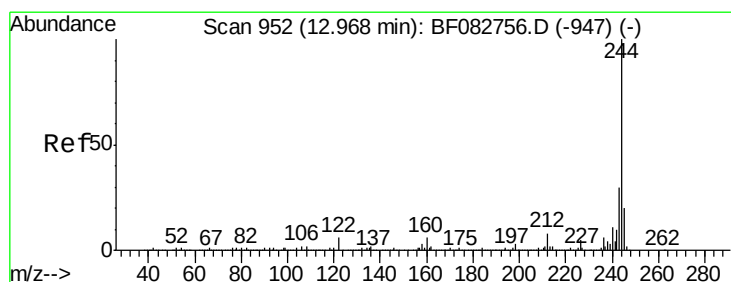
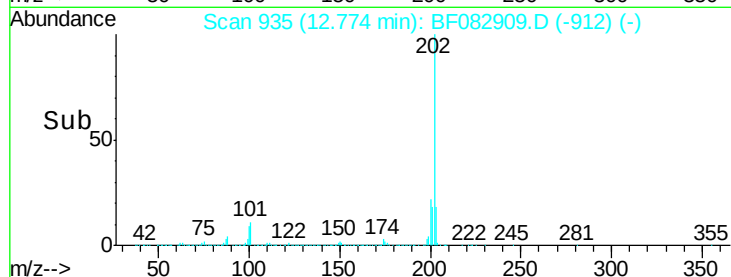
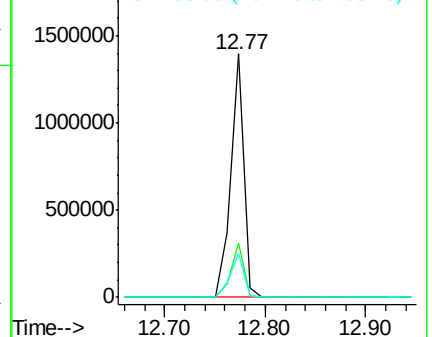
203 18.3 14.8 22.2



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: 14.72 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

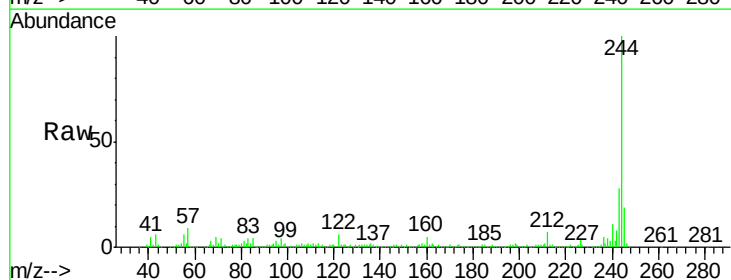
Tgt Ion:244 Resp: 329912

Ion Ratio Lower Upper

244 100

212 6.9 7.6 11.4#

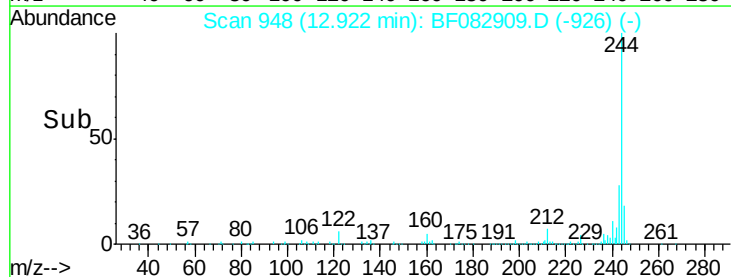
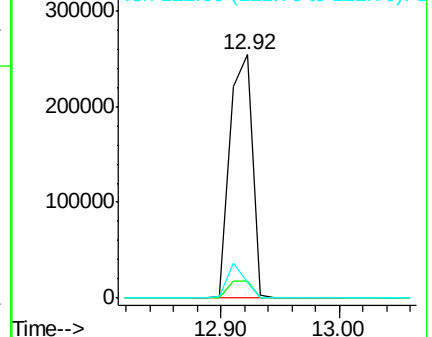
122 6.3 11.3 16.9#

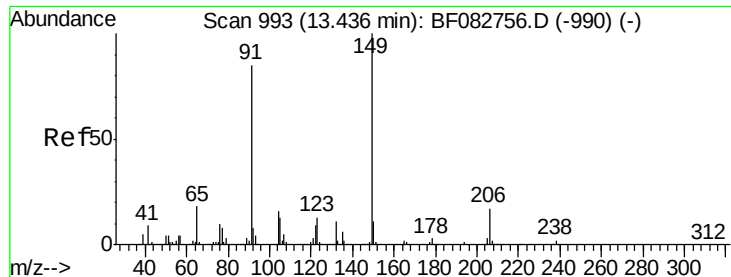


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

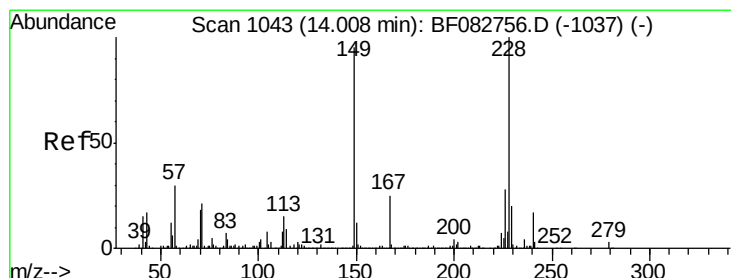
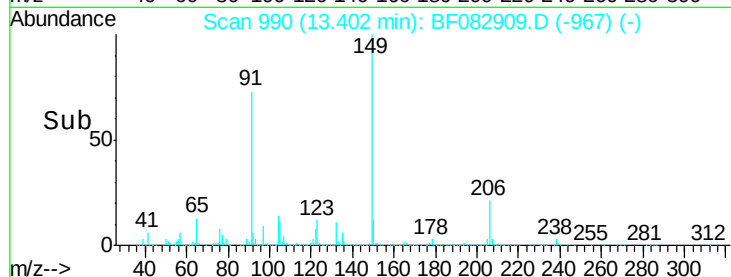
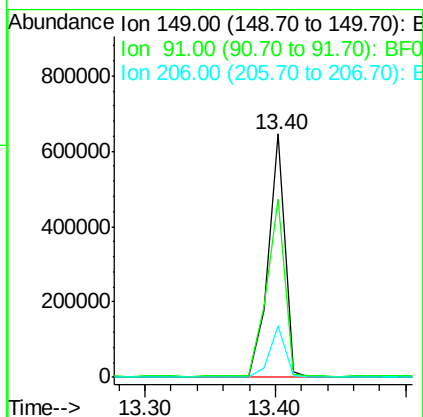
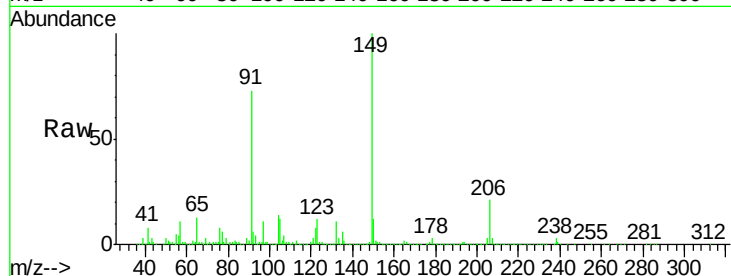




#79
Butylbenzylphthalate
Concen: 35.67 ng
RT: 13.40 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

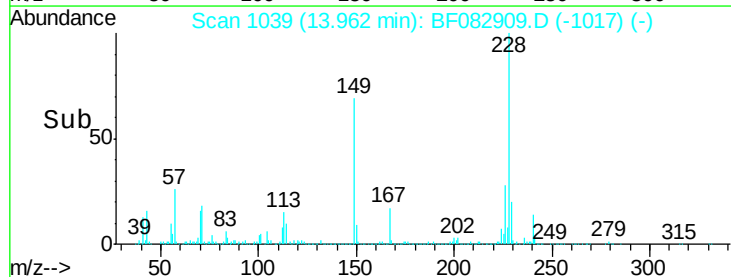
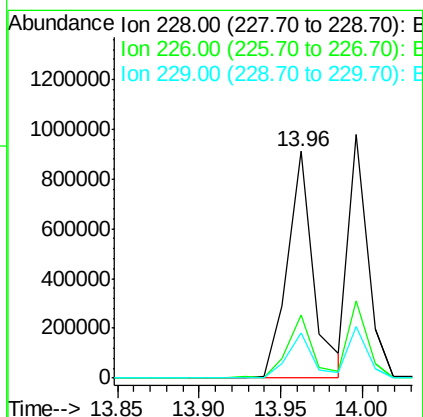
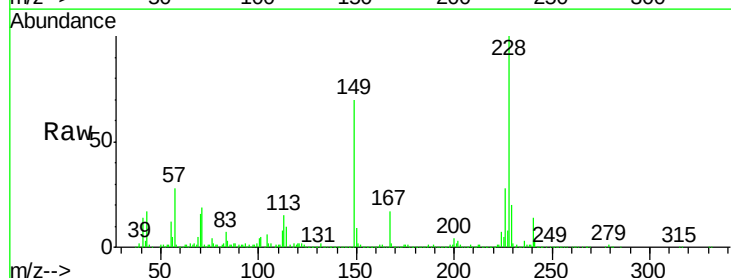
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

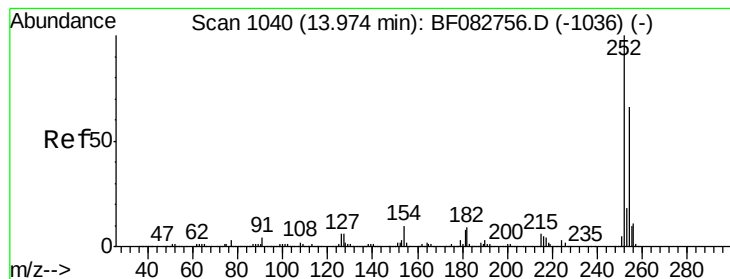
Tgt Ion:149 Resp: 575309
Ion Ratio Lower Upper
149 100
91 73.4 67.7 101.5
206 21.1 14.6 22.0



#80
Benzo(a)anthracene
Concen: 30.56 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion:228 Resp: 1015915
Ion Ratio Lower Upper
228 100
226 28.0 23.4 35.2
229 19.9 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 26.40 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

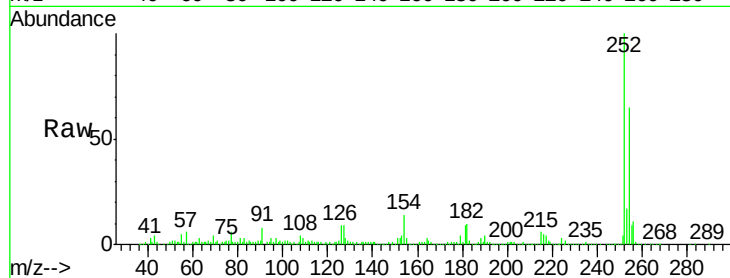
Tgt Ion:252 Resp: 311969

Ion Ratio Lower Upper

252 100

254 65.3 51.4 77.0

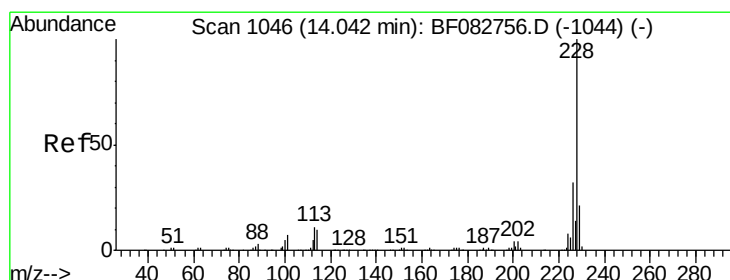
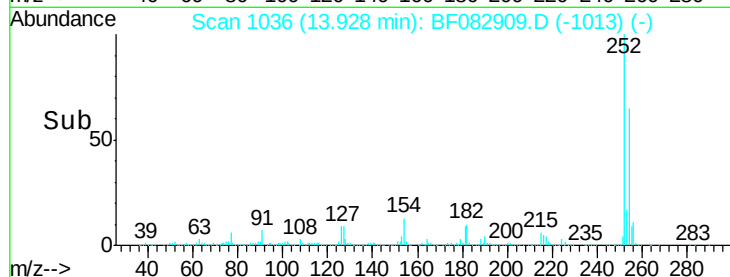
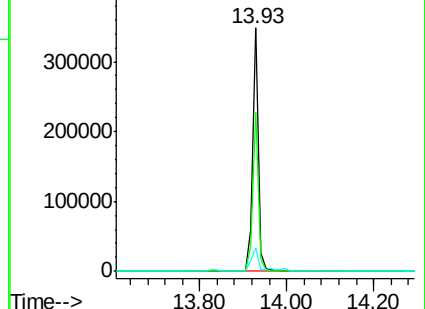
126 9.5 10.7 16.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 26.68 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

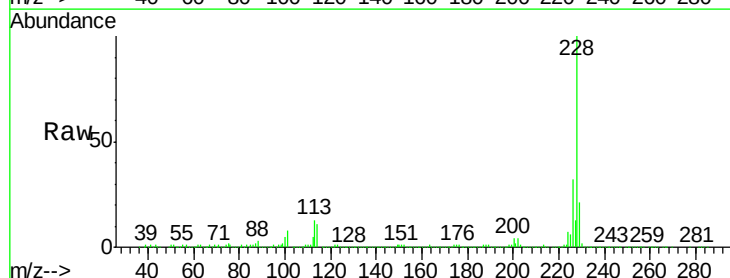
Tgt Ion:228 Resp: 812385

Ion Ratio Lower Upper

228 100

226 31.6 25.5 38.3

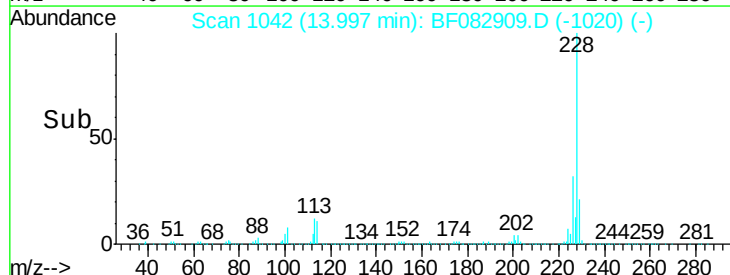
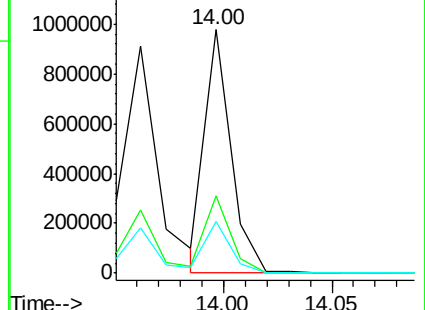
229 21.1 16.3 24.5

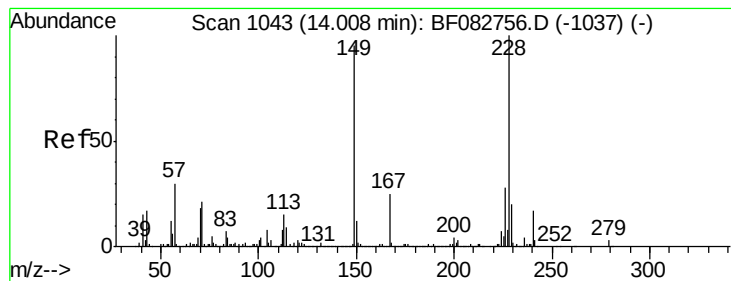


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.12 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

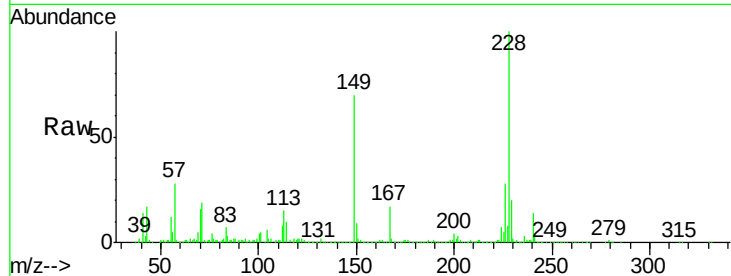
Tgt Ion:149 Resp: 731121

Ion Ratio Lower Upper

149 100

167 24.3 21.2 31.8

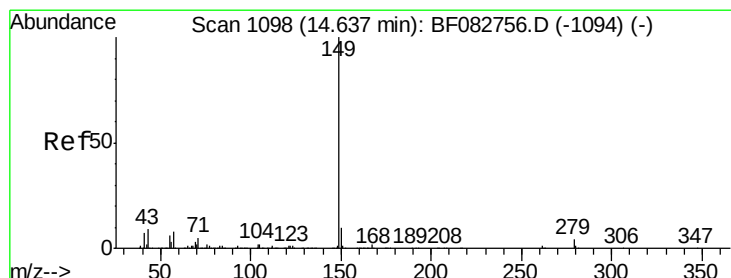
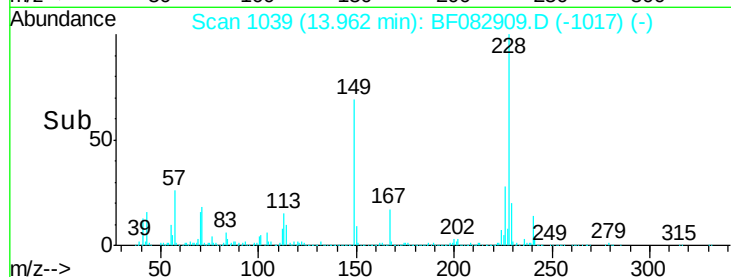
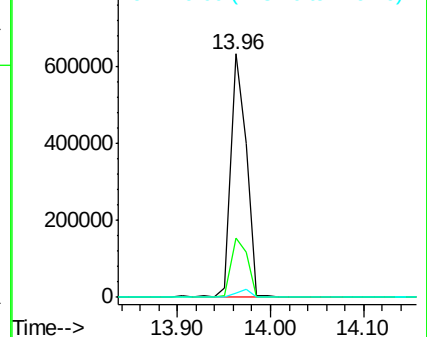
279 1.9 2.2 3.2#



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: 34.95 ng

RT: 14.58 min Scan# 1093

Delta R.T. -0.06 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

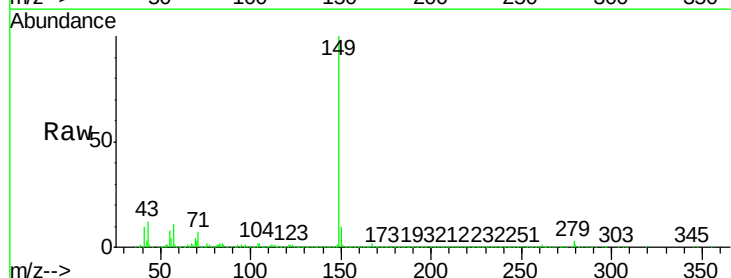
Tgt Ion:149 Resp: 1287000

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

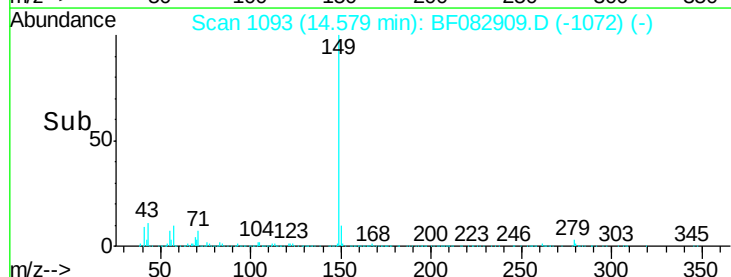
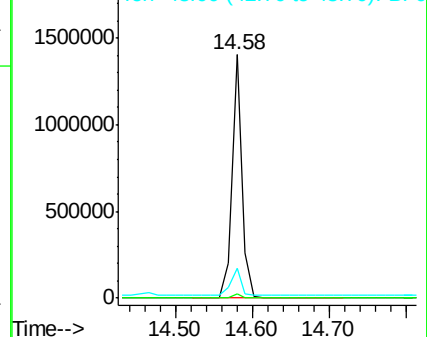
43 12.0 10.1 15.1

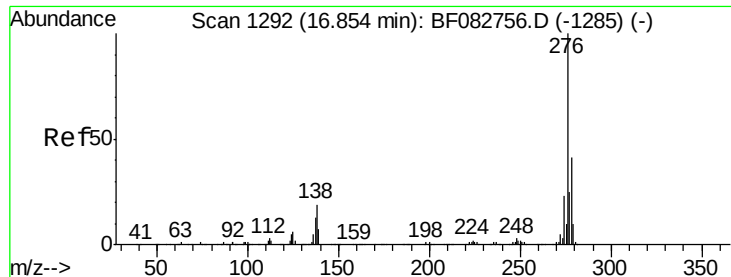


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

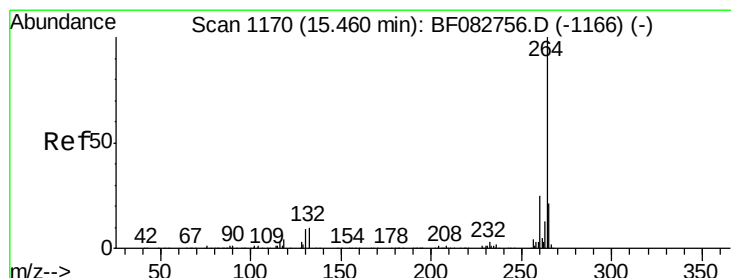
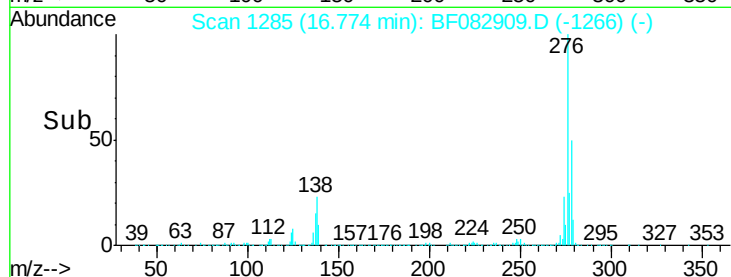
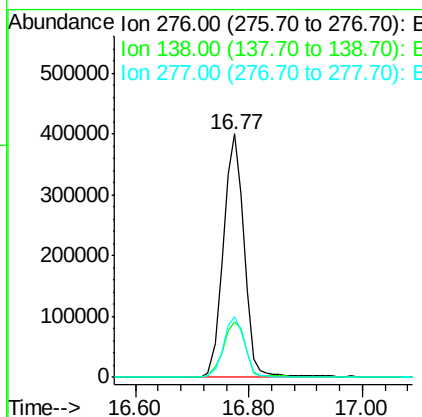
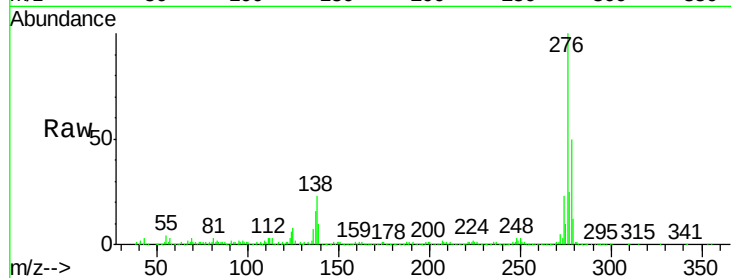




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.95 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. -0.08 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

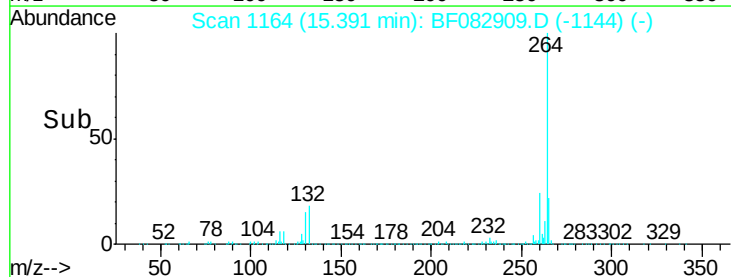
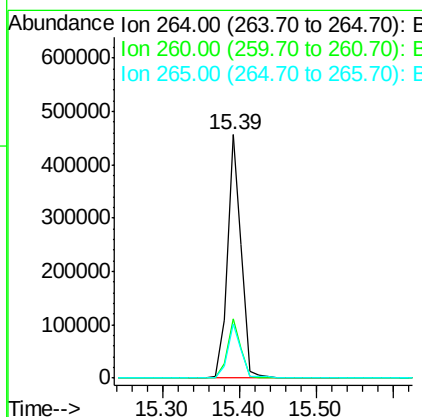
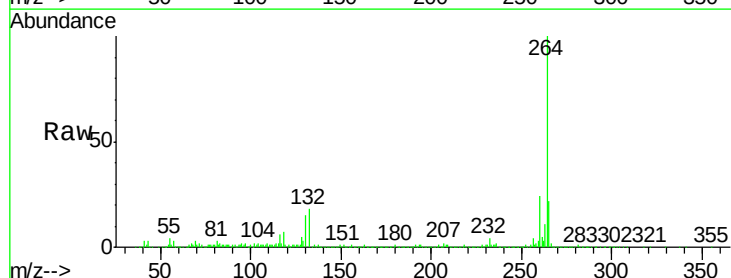
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MSD

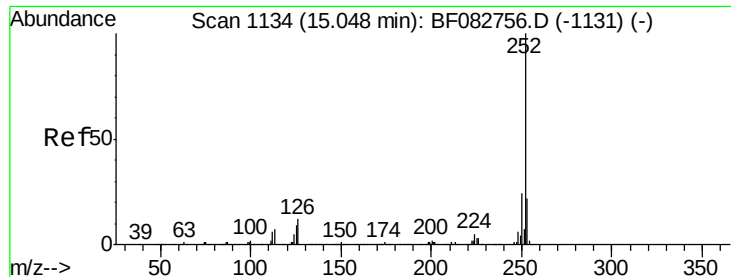
Tgt Ion:276 Resp: 1021377
 Ion Ratio Lower Upper
 276 100
 138 24.1 15.3 22.9#
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.07 min
 Lab File: BF082909.D
 Acq: 13 Nov 2015 20:56

Tgt Ion:264 Resp: 577850
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 22.3 17.4 26.0

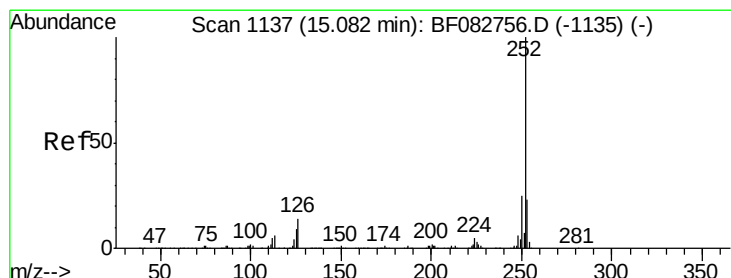
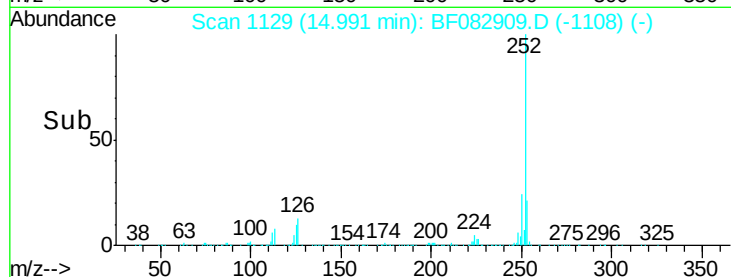
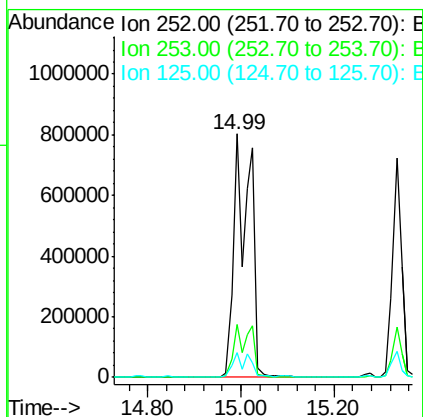
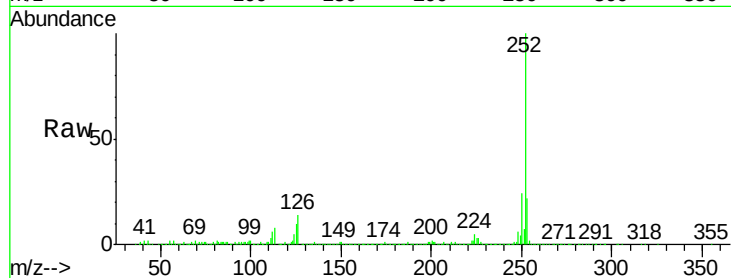




#87
Benzo(b)fluoranthene
Concen: 53.83 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.06 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

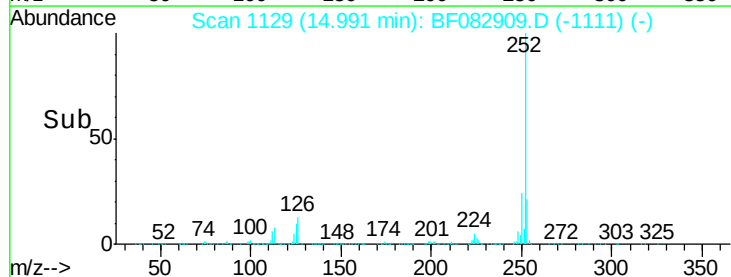
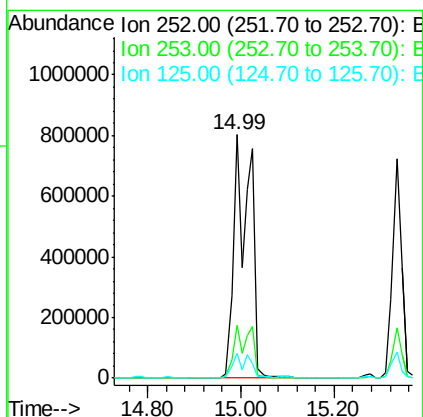
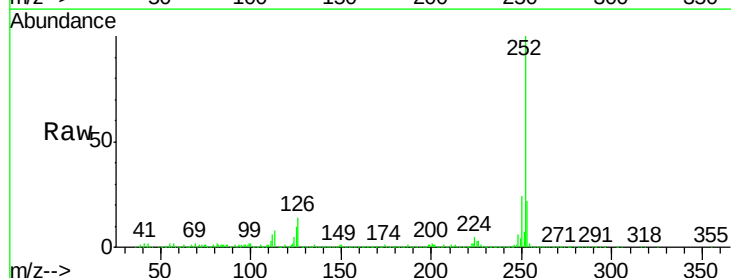
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MSD

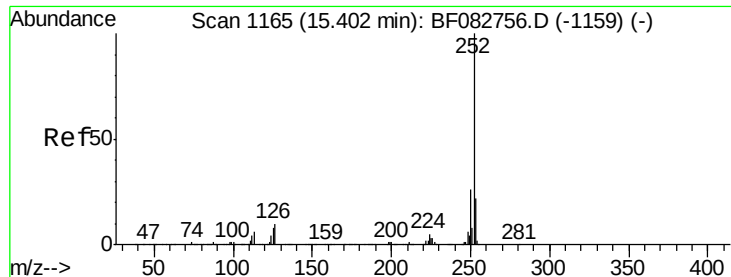
Tgt Ion:252 Resp: 1996599
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 10.1 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 60.68 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.09 min
Lab File: BF082909.D
Acq: 13 Nov 2015 20:56

Tgt Ion:252 Resp: 1996599
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 10.1 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 29.80 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.07 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

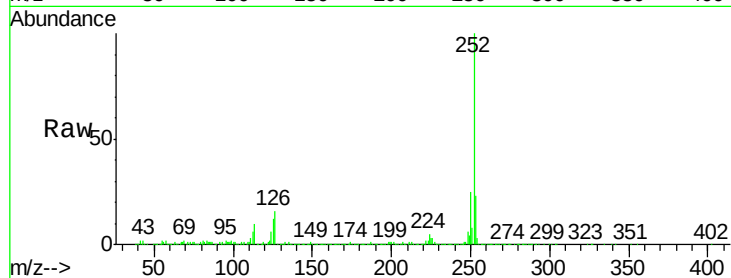
Tgt Ion:252 Resp: 957757

Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

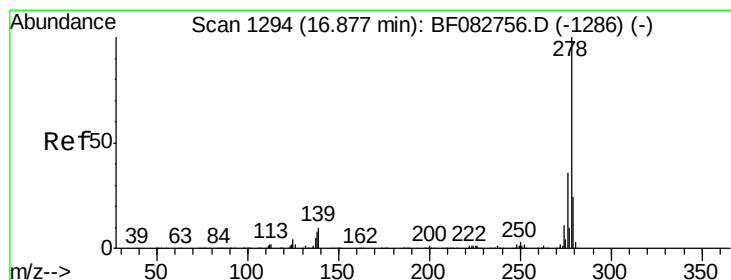
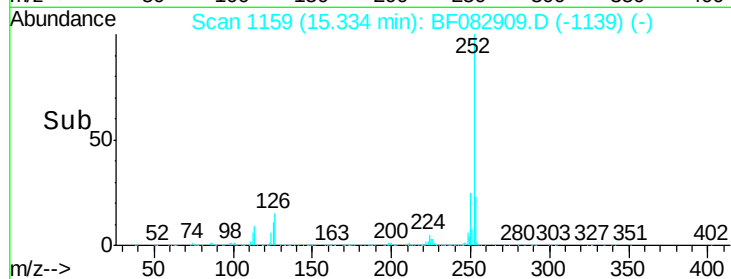
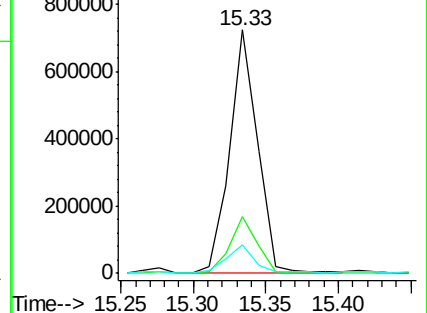
125 12.0 7.1 10.7#



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: 31.40 ng

RT: 16.79 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

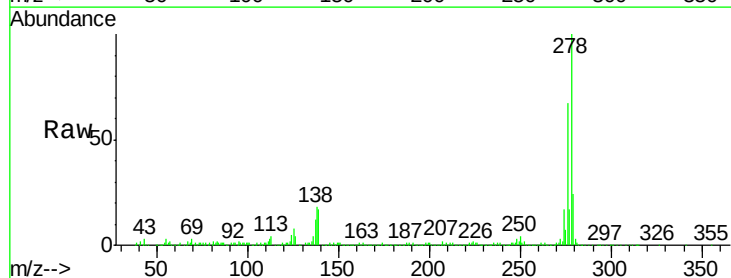
Tgt Ion:278 Resp: 854392

Ion Ratio Lower Upper

278 100

139 16.8 9.9 14.9#

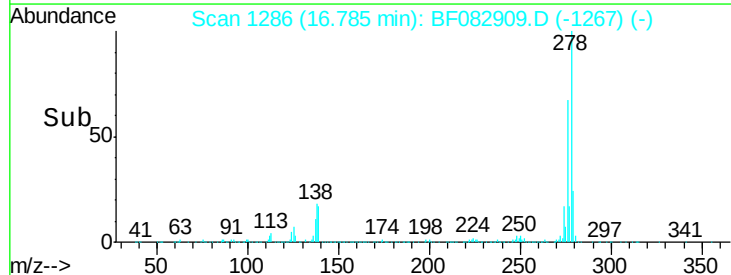
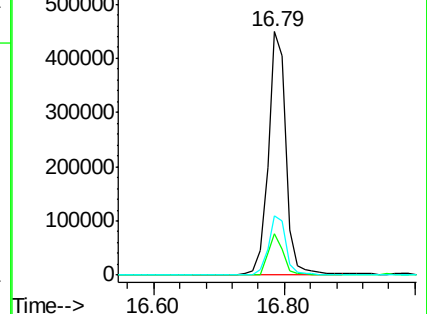
279 24.4 19.6 29.4

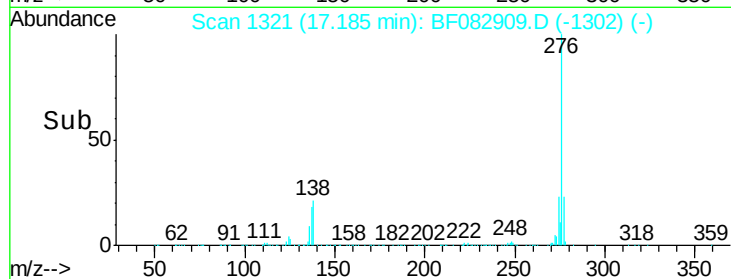
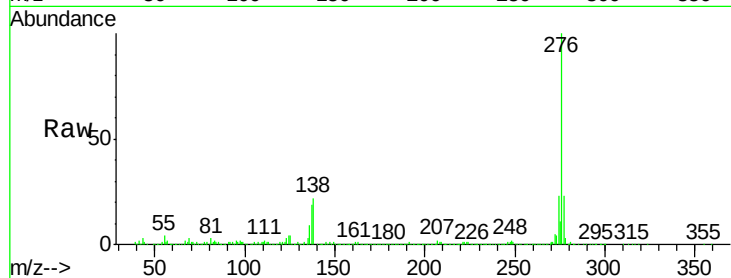
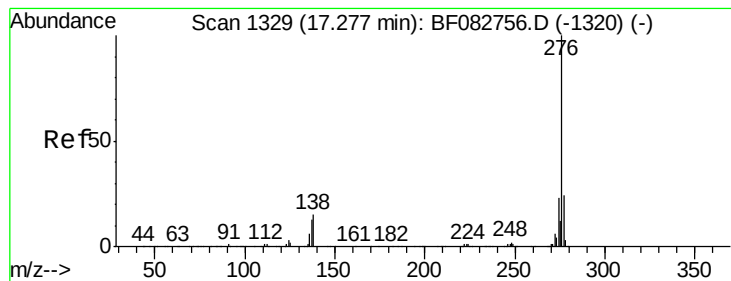


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 31.18 ng

RT: 17.19 min Scan# 1321

Delta R.T. -0.08 min

Lab File: BF082909.D

Acq: 13 Nov 2015 20:56

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MSD

Tgt Ion: 276 Resp: 812598

Ion Ratio Lower Upper

276 100

277 22.9 19.2 28.8

138 21.7 13.1 19.7#

