

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082908.D
 Acq On : 13 Nov 2015 20:27
 Operator : UM/IZ
 Sample : G4370-05MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

Quant Time: Nov 13 22:25:32 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	269323	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	996849	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	464831	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	834319	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	524344	20.00	ng	-0.05
86) Perylene-d12	15.39	264	610494	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2375912	137.26	ng	-0.01
7) Phenol-d6	6.48	99	3129447	135.99	ng	0.00
23) Nitrobenzene-d5	7.38	82	2071252	90.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	648325	121.64	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	2430347	74.94	ng	-0.05
78) Terphenyl-d14	12.92	244	1868879	84.54	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	157624	21.10	ng	97
3) Pyridine	3.14	79	485087	22.38	ng	95
4) n-Nitrosodimethylamine	3.06	42	227610	21.18	ng	# 72
6) Aniline	6.54	93	804669	24.91	ng	# 54
8) 2-Chlorophenol	6.60	128	481539	25.10	ng	94
9) Benzaldehyde	6.34	77	34214	2.69	ng	94
10) Phenol	6.49	94	489267	18.74	ng	# 71
11) bis(2-Chloroethyl)ether	6.54	93	804669	41.21	ng	91
12) 1,3-Dichlorobenzene	6.82	146	459578	21.24	ng	94
13) 1,4-Dichlorobenzene	6.82	146	459578	20.41	ng	97
14) 1,2-Dichlorobenzene	6.98	146	482943	23.59	ng	99
15) Benzyl Alcohol	6.96	79	414629	20.52	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	716391	25.01	ng	62
17) 2-Methylphenol	7.08	107	356082	21.91	ng	# 91
18) Hexachloroethane	7.32	117	115400	14.33	ng	91
19) n-Nitroso-di-n-propylamine	7.23	70	351162	20.76	ng	89
20) 3+4-Methylphenols	7.24	107	498780	23.60	ng	# 59
22) Acetophenone	7.22	105	677792	23.73	ng	# 95
24) Nitrobenzene	7.39	77	500613	21.37	ng	91
25) Isophorone	7.63	82	859536	20.28	ng	# 97
26) 2-Nitrophenol	7.71	139	244290	24.98	ng	# 64
27) 2,4-Dimethylphenol	7.77	122	408181	23.23	ng	87
28) bis(2-Chloroethoxy)methane	7.85	93	616491	25.78	ng	98
29) 2,4-Dichlorophenol	7.96	162	383053	24.12	ng	93
30) 1,2,4-Trichlorobenzene	8.04	180	390851	21.89	ng	# 92
31) Naphthalene	8.11	128	1152998	20.96	ng	99
32) Benzoic acid	7.86	122	93835	7.80	ng	# 84
33) 4-Chloroaniline	8.18	127	138406	5.84	ng	# 85
34) Hexachlorobutadiene	8.24	225	219350	19.63	ng	99
35) Caprolactam	8.53	113	121545	24.28	ng	# 87
36) 4-Chloro-3-methylphenol	8.67	107	414794	22.21	ng	# 82
37) 2-Methylnaphthalene	8.81	142	793690	22.31	ng	94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	390051	25.53	ng	97
40) Hexachlorocyclopentadiene	8.97	237	20628	2.51	ng	97

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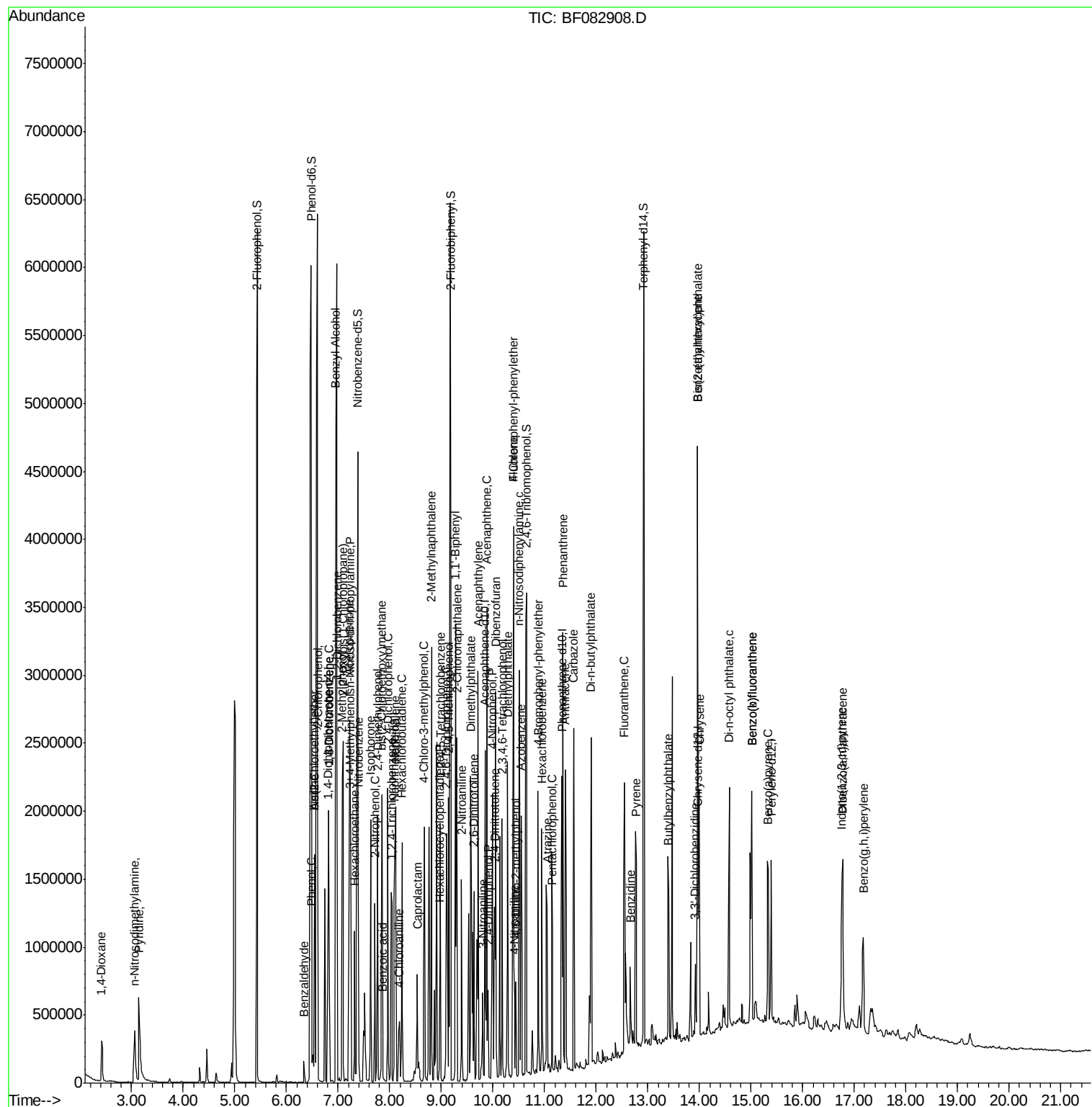
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	247448	21.70	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	259789	23.04	ng	96
45) 1,1'-Biphenyl	9.28	154	1004458	25.18	ng	98
46) 2-Chloronaphthalene	9.30	162	778062	25.01	ng	97
47) 2-Nitroaniline	9.39	65	255437	22.13	ng	# 84
48) Acenaphthylene	9.71	152	1178904	24.18	ng	99
49) Dimethylphthalate	9.57	163	1227667	32.24	ng	100
50) 2,6-Dinitrotoluene	9.63	165	177031	21.79	ng	89
51) Acenaphthene	9.88	154	713336	23.08	ng	99
52) 3-Nitroaniline	9.80	138	104888	11.74	ng	# 70
53) 2,4-Dinitrophenol	9.90	184	71871	16.11	ng	# 18
54) Dibenzofuran	10.05	168	981938	23.57	ng	92
55) 4-Nitrophenol	9.98	139	284275	41.46	ng	85
56) 2,4-Dinitrotoluene	10.03	165	247201	22.42	ng	93
57) Fluorene	10.40	166	803626	23.82	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	222949	24.22	ng	# 87
59) Diethylphthalate	10.28	149	922702	24.81	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	348949	20.67	ng	# 89
61) 4-Nitroaniline	10.42	138	171929	19.13	ng	# 63
62) Azobenzene	10.54	77	924305	23.14	ng	90
64) 4,6-Dinitro-2-methylphenol	10.44	198	74595	12.55	ng	# 60
65) n-Nitrosodiphenylamine	10.51	169	676491	22.44	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	210498	20.95	ng	# 75
67) Hexachlorobenzene	10.94	284	223762	19.95	ng	# 84
68) Atrazine	11.05	200	241227	25.88	ng	92
69) Pentachlorophenol	11.15	266	243321	35.72	ng	98
70) Phenanthrene	11.36	178	1117996	23.07	ng	99
71) Anthracene	11.40	178	1047420	20.52	ng	97
72) Carbazole	11.56	167	895123	20.04	ng	98
73) Di-n-butylphthalate	11.91	149	1285748	23.10	ng	# 97
74) Fluoranthene	12.55	202	979276	18.83	ng	95
76) Benzidine	12.66	184	141547	8.05	ng	# 94
77) Pyrene	12.77	202	920393	25.56	ng	96
79) Butylbenzylphthalate	13.40	149	406074	25.53	ng	# 72
80) Benzo(a)anthracene	13.96	228	759781	23.17	ng	97
81) 3,3'-Dichlorobenzidine	13.92	252	149403	12.82	ng	# 97
82) Chrysene	14.00	228	755012	25.14	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	552635	25.38	ng	99
84) Di-n-octyl phthalate	14.58	149	1007940	27.75	ng	96
85) Indeno(1,2,3-cd)pyrene	16.76	276	758532	29.33	ng	# 95
87) Benzo(b)fluoranthene	15.01	252	1492245	38.08	ng	# 98
88) Benzo(k)fluoranthene	15.01	252	1492245	42.93	ng	# 97
89) Benzo(a)pyrene	15.33	252	745606	21.96	ng	99
90) Dibenzo(a,h)anthracene	16.77	278	625689	21.76	ng	# 96
91) Benzo(g,h,i)perylene	17.17	276	596540	21.66	ng	96

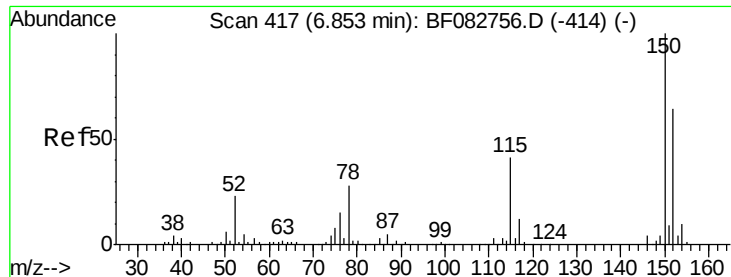
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

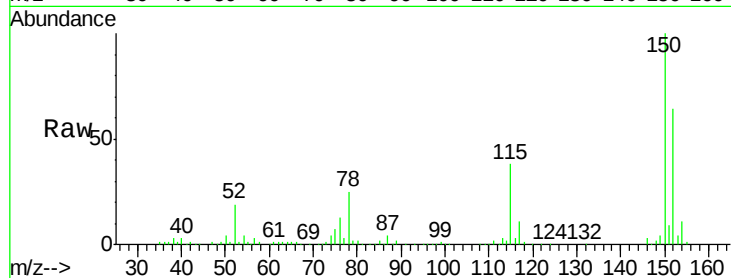
Tgt Ion:152 Resp: 269323

Ion Ratio Lower Upper

152 100

150 156.8 127.0 190.4

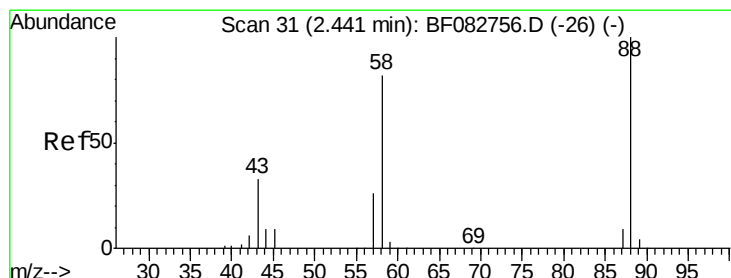
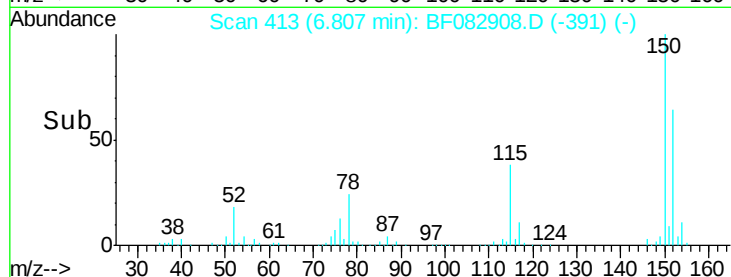
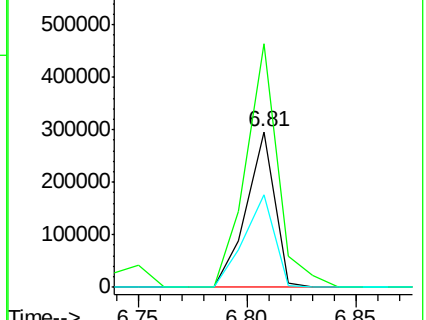
115 60.0 47.0 70.6



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: 21.10 ng

RT: 2.42 min Scan# 29

Delta R.T. -0.02 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

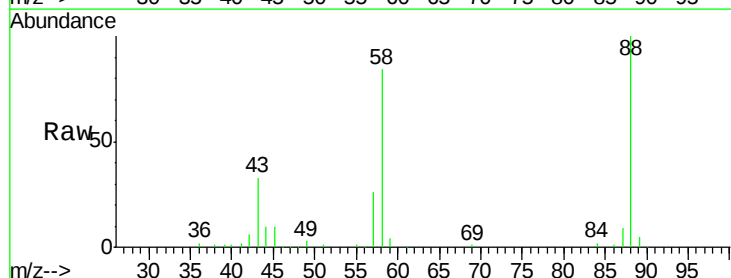
Tgt Ion: 88 Resp: 157624

Ion Ratio Lower Upper

88 100

58 79.7 62.0 93.0

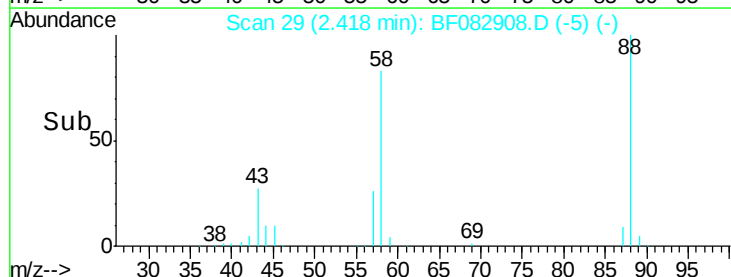
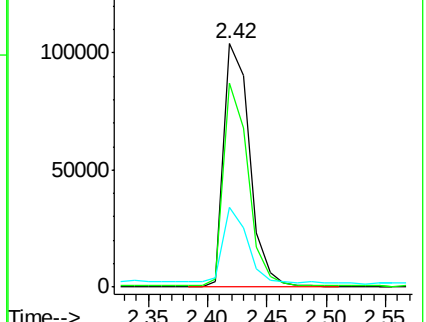
43 30.4 26.6 40.0

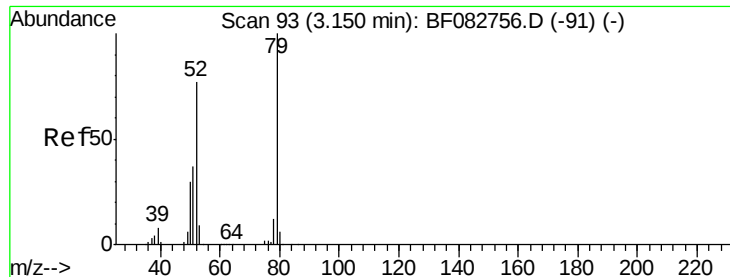


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 22.38 ng

RT: 3.14 min Scan# 92

Delta R.T. -0.02 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

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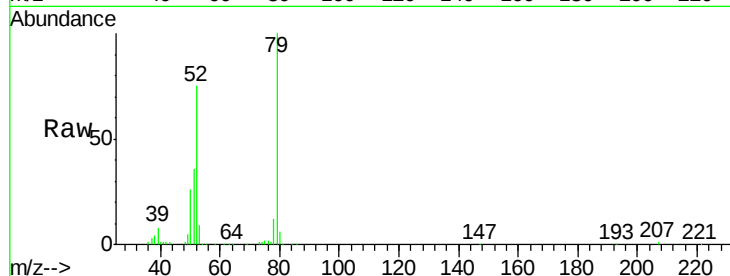
Tgt Ion: 79 Resp: 485087

Ion Ratio Lower Upper

79 100

52 75.0 62.8 94.2

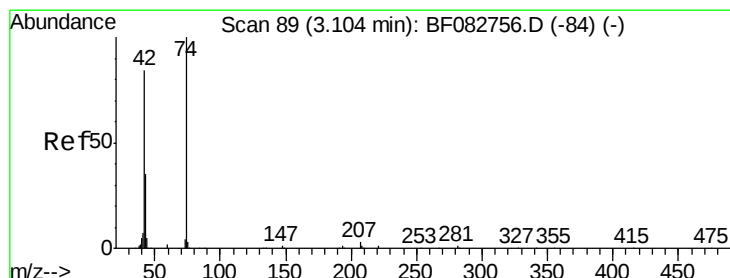
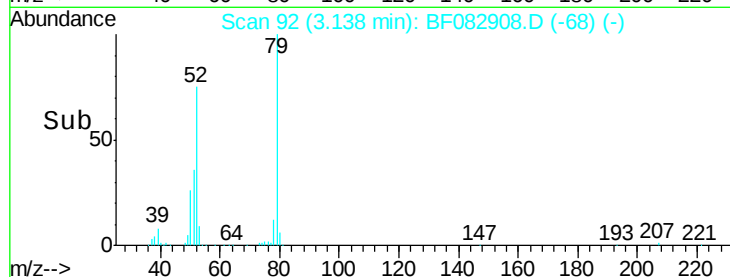
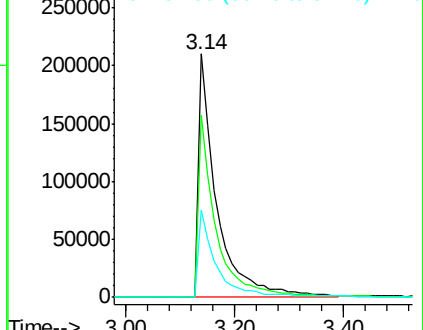
51 35.8 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 21.18 ng

RT: 3.06 min Scan# 85

Delta R.T. -0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

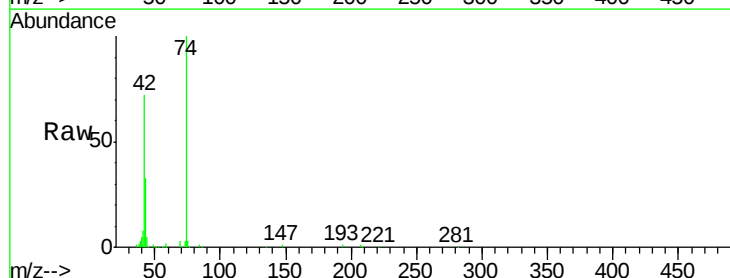
Tgt Ion: 42 Resp: 227610

Ion Ratio Lower Upper

42 100

74 139.6 87.0 130.4#

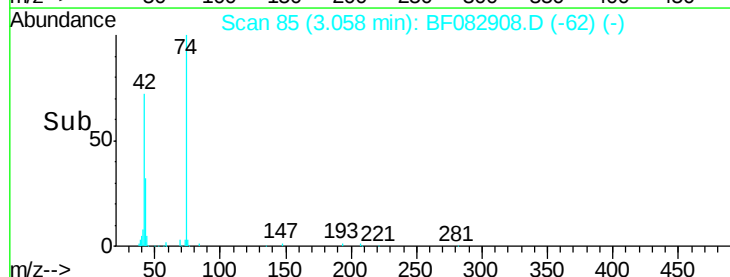
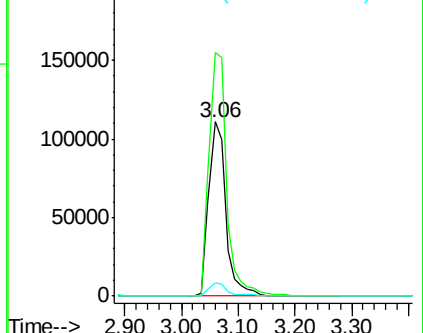
44 7.4 5.8 8.8

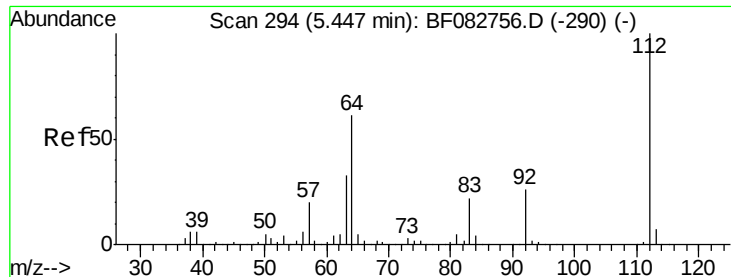


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 137.26 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

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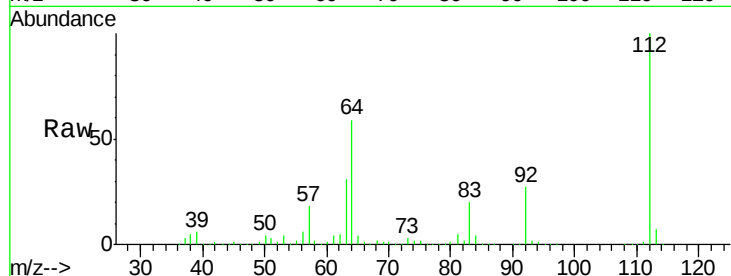
Tgt Ion: 112 Resp: 2375912

Ion Ratio Lower Upper

112 100

64 59.1 48.9 73.3

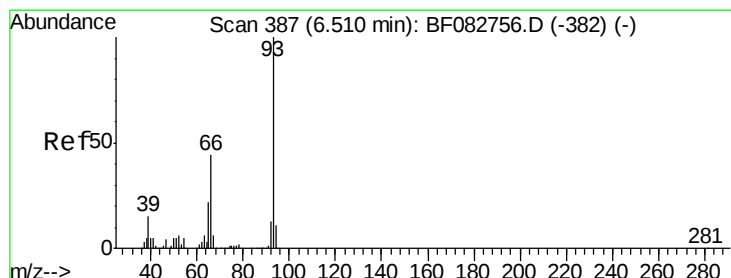
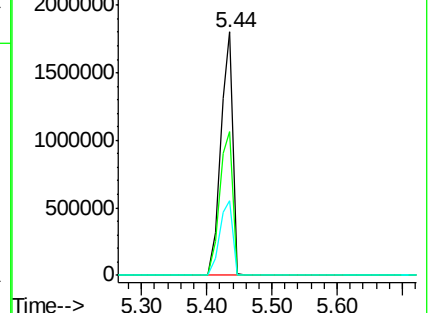
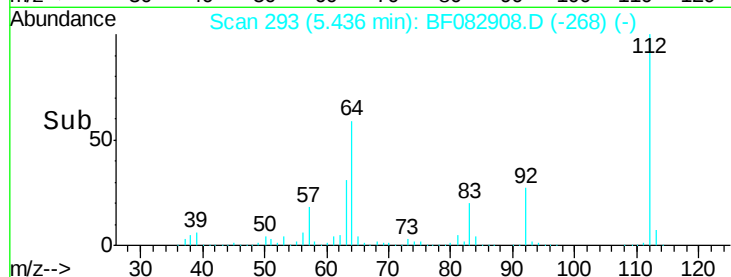
63 30.8 28.1 42.1



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: 24.91 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

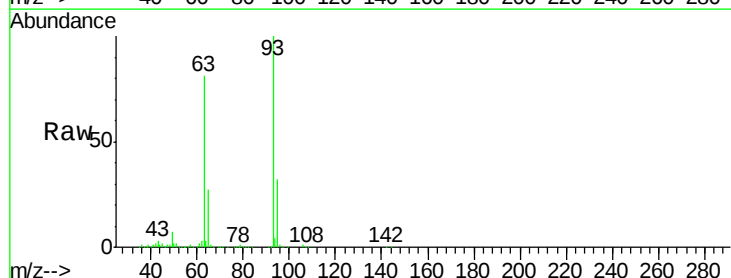
Tgt Ion: 93 Resp: 804669

Ion Ratio Lower Upper

93 100

66 1.2 33.6 50.4#

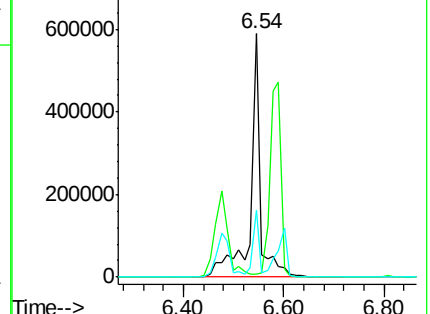
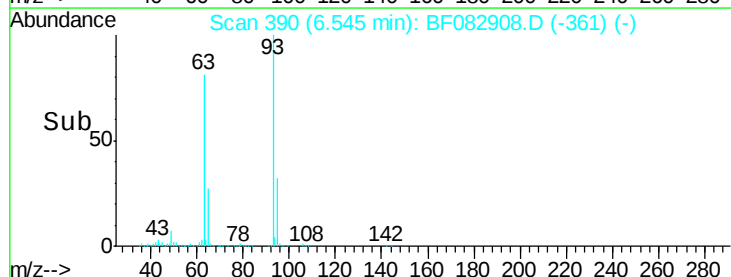
65 27.5 18.1 27.1#

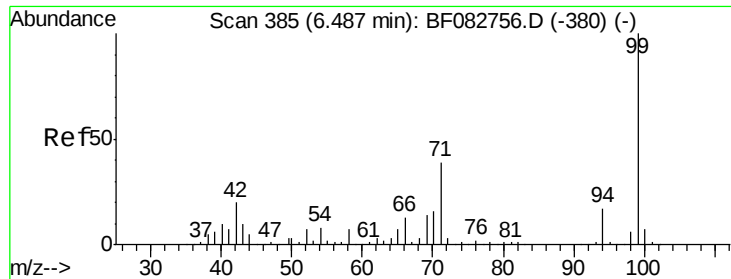


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.99 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

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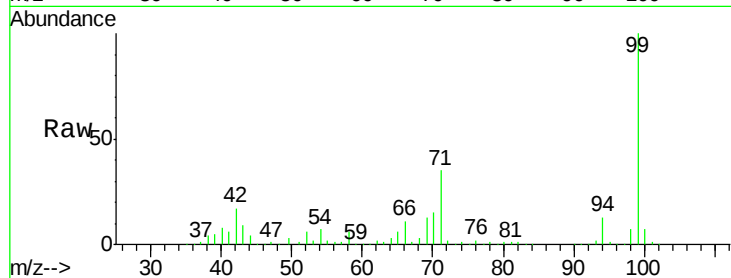
Tgt Ion: 99 Resp: 3129447

Ion Ratio Lower Upper

99 100

42 16.9 19.2 28.8#

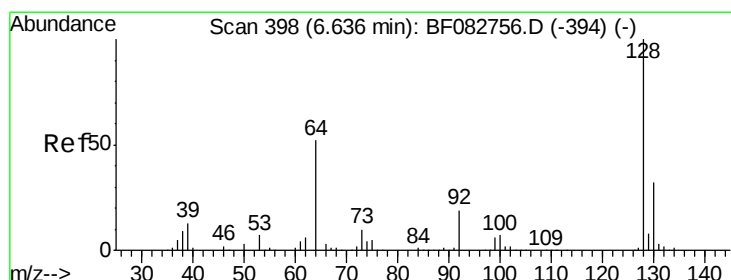
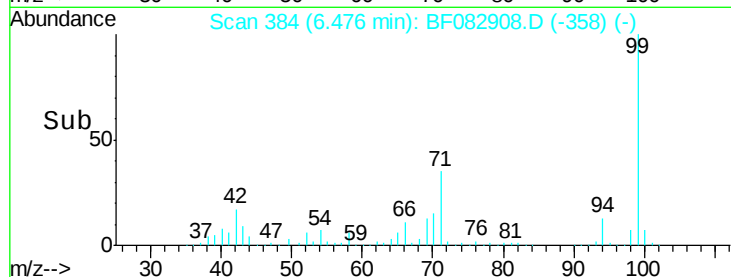
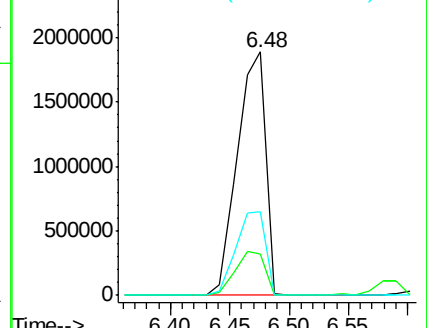
71 34.5 35.0 52.4#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 25.10 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

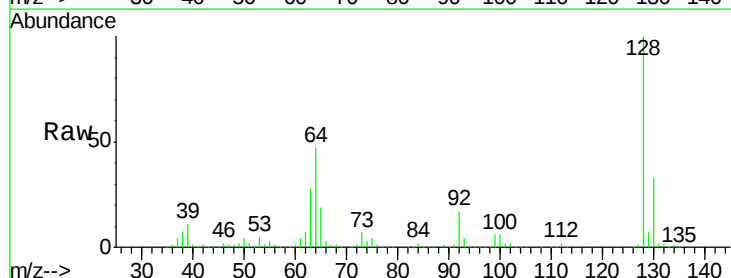
Tgt Ion: 128 Resp: 481539

Ion Ratio Lower Upper

128 100

130 32.5 13.5 53.5

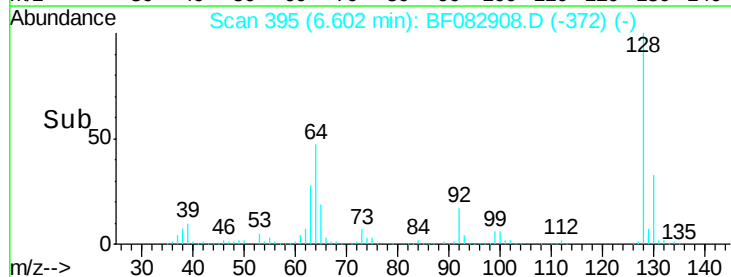
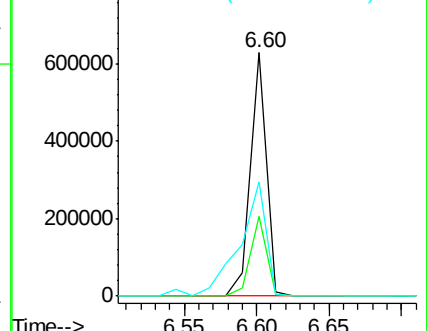
64 46.8 21.1 61.1

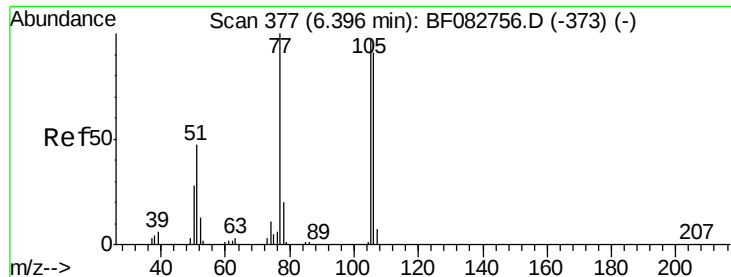


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.69 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

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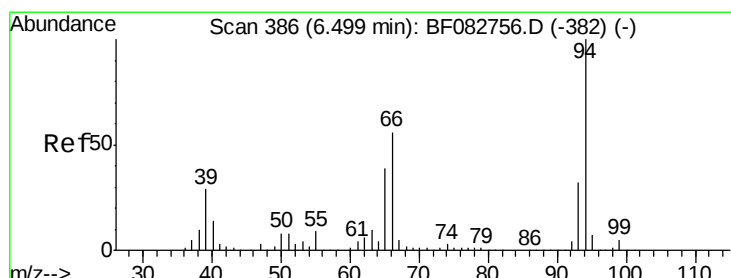
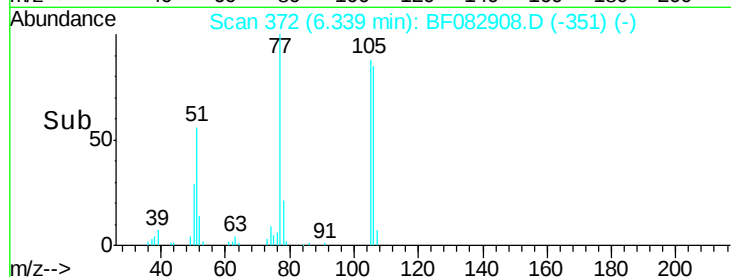
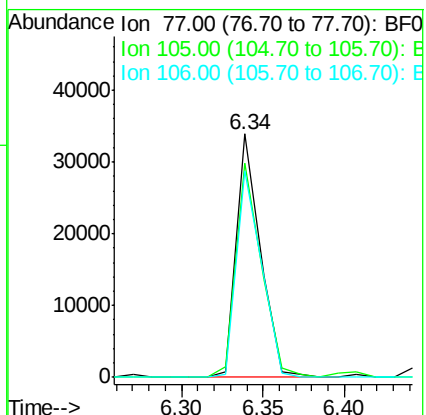
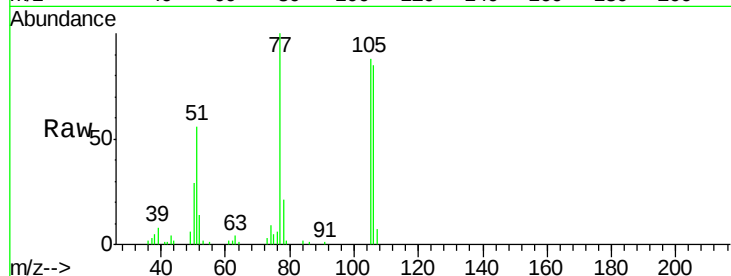
Tgt Ion: 77 Resp: 34214

Ion Ratio Lower Upper

77 100

105 88.1 63.5 103.5

106 84.8 59.3 99.3



#10

Phenol

Concen: 18.74 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

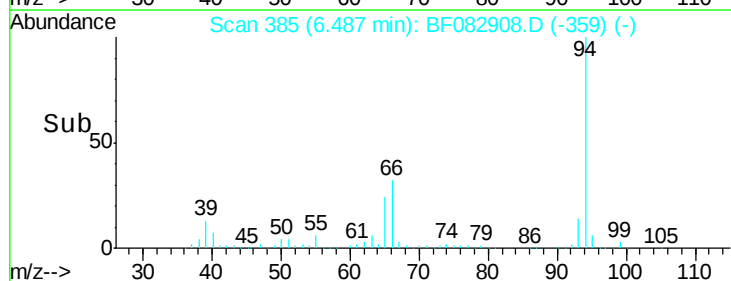
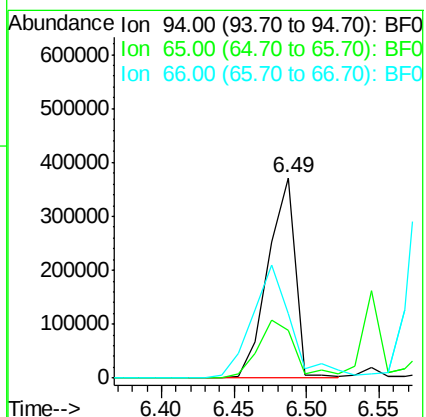
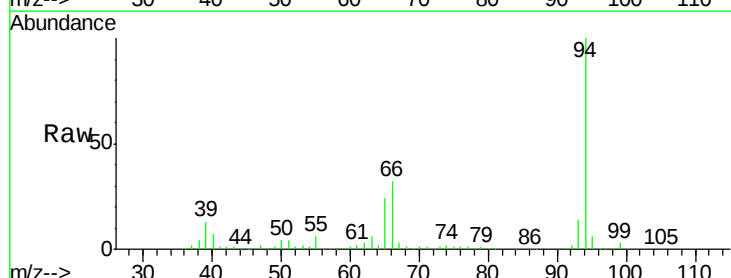
Tgt Ion: 94 Resp: 489267

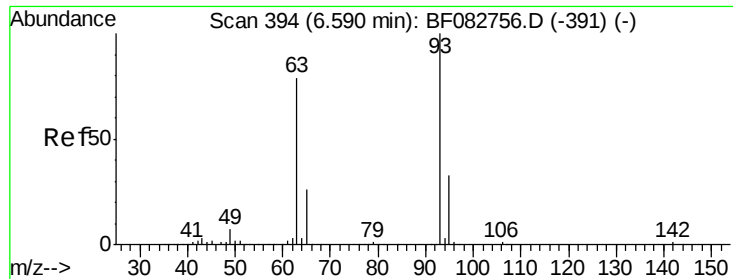
Ion Ratio Lower Upper

94 100

65 23.7 18.9 58.9

66 32.0 34.9 74.9#

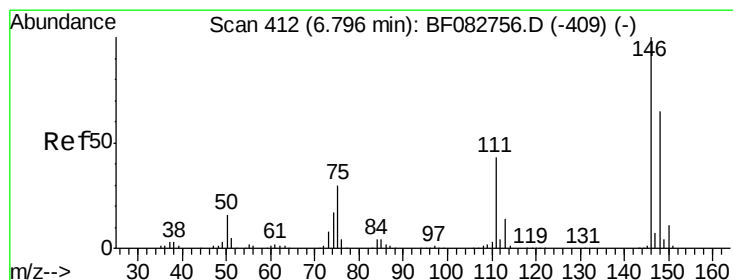
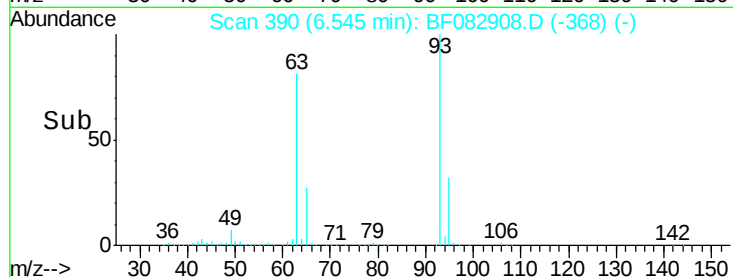
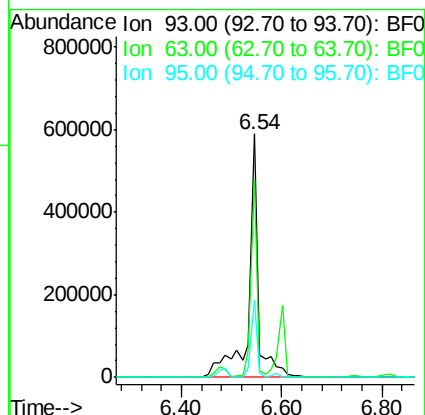
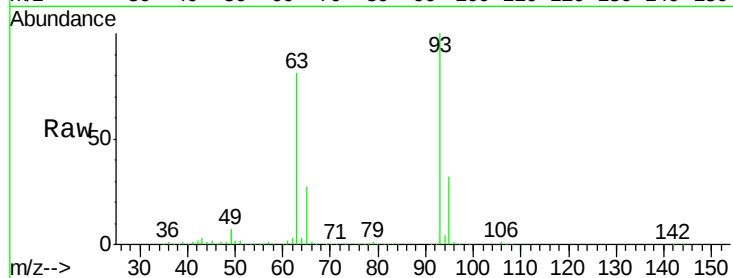




#11
bis(2-Chloroethyl)ether
Concen: 41.21 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

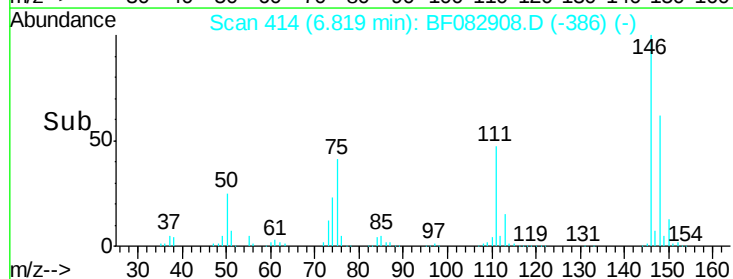
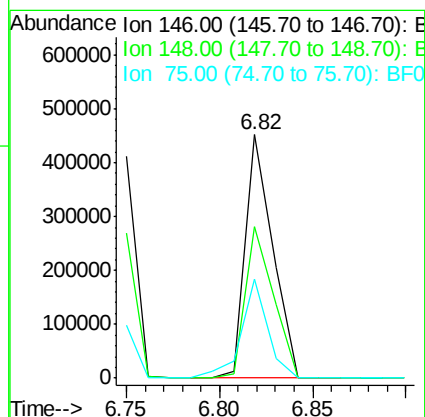
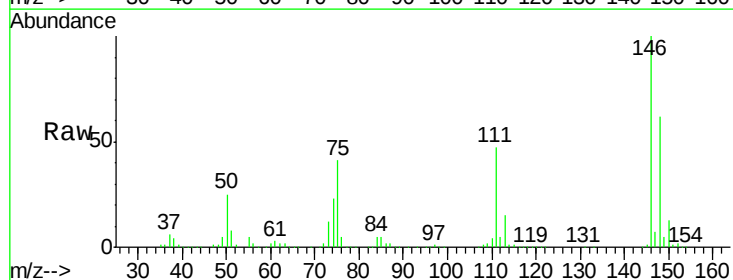
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

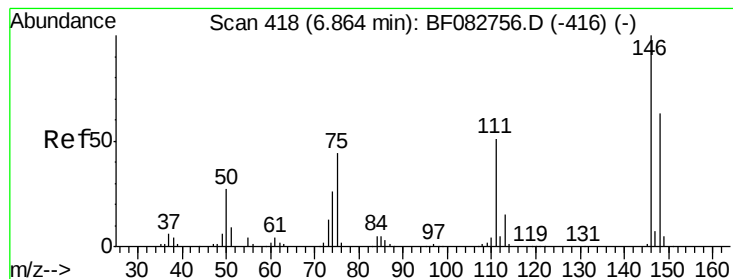
Tgt Ion: 93 Resp: 804669
Ion Ratio Lower Upper
93 100
63 80.9 72.7 112.7
95 32.0 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 21.24 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.02 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion: 146 Resp: 459578
Ion Ratio Lower Upper
146 100
148 62.3 50.5 75.7
75 40.7 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 20.41 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

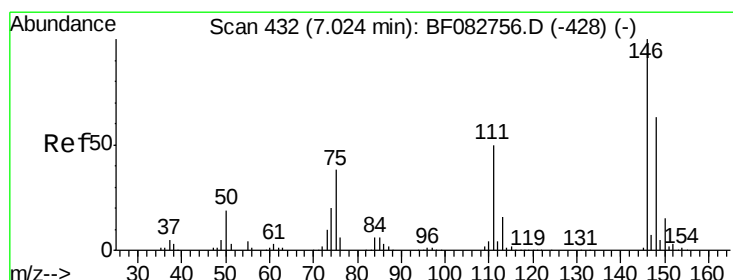
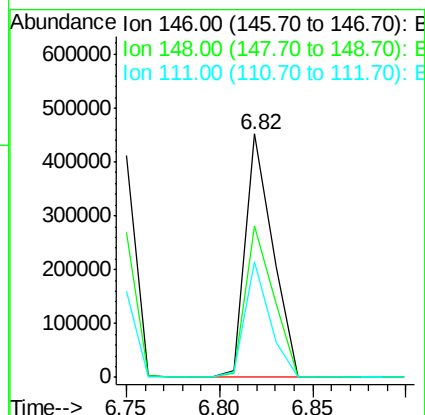
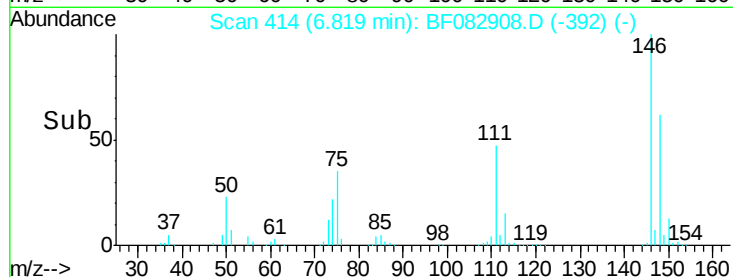
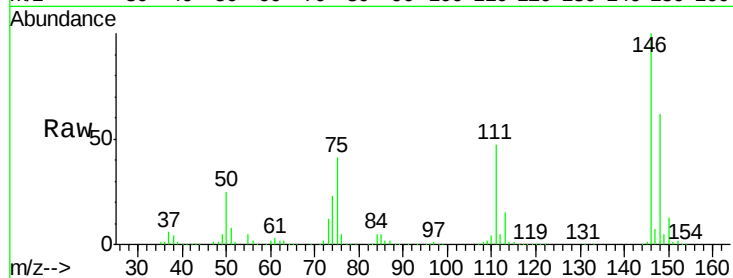
Tgt Ion:146 Resp: 459578

Ion Ratio Lower Upper

146 100

148 62.3 50.8 76.2

111 47.3 40.6 60.8



#14

1,2-Dichlorobenzene

Concen: 23.59 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

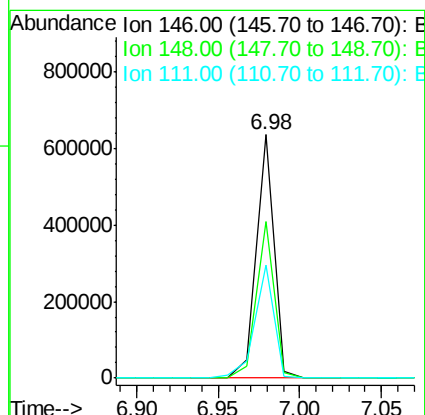
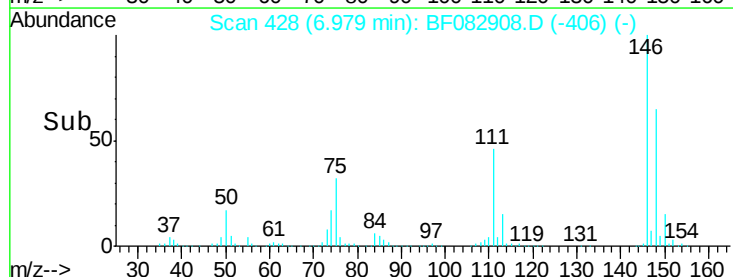
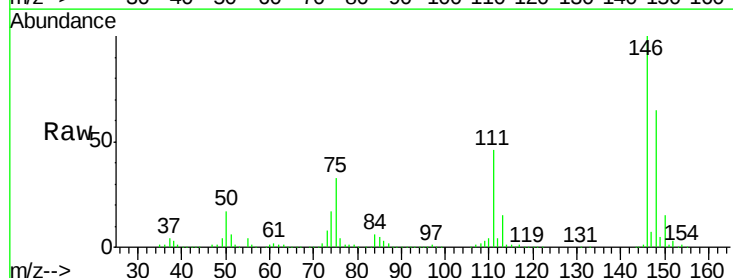
Tgt Ion:146 Resp: 482943

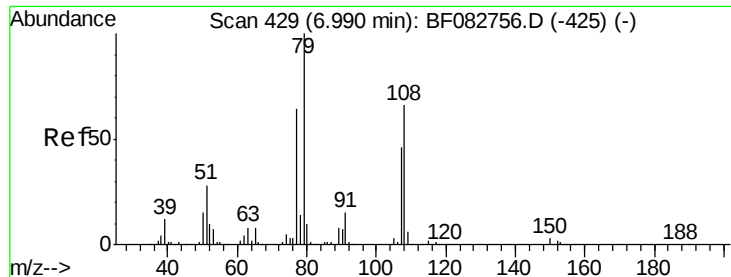
Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.4

111 46.3 36.6 55.0





#15

Benzyl Alcohol

Concen: 20.52 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

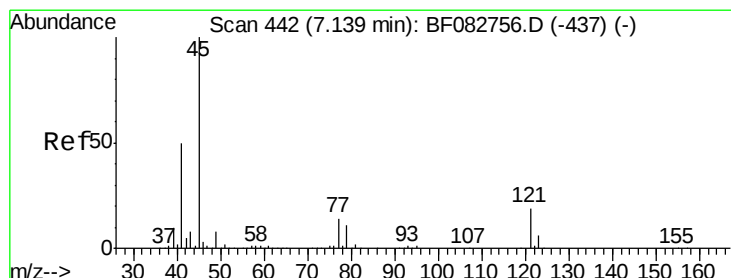
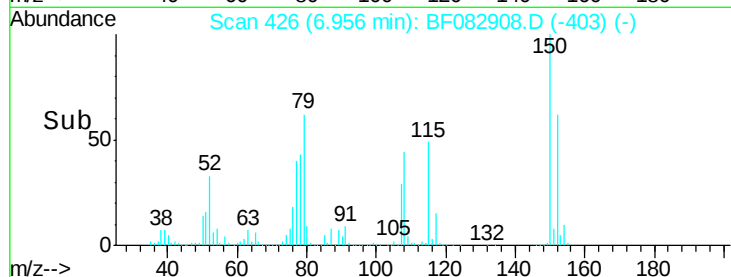
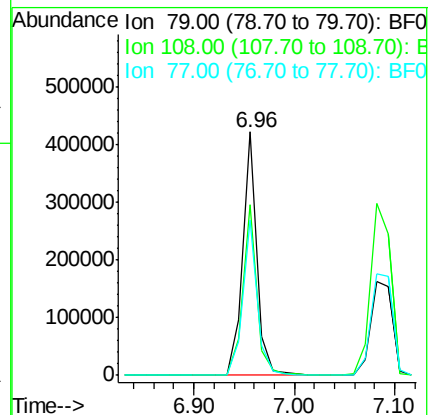
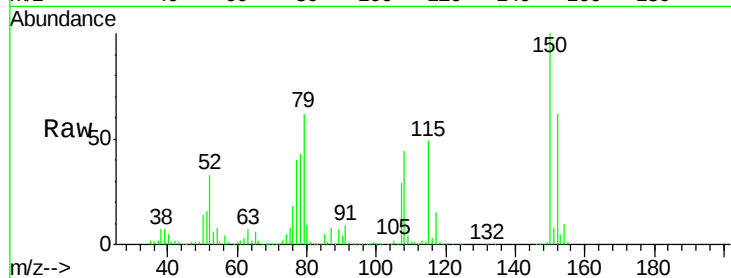
Tgt Ion: 79 Resp: 414629

Ion Ratio Lower Upper

79 100

108 70.2 52.2 78.4

77 63.7 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.01 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

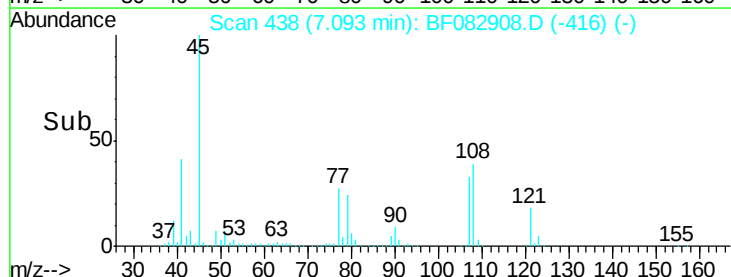
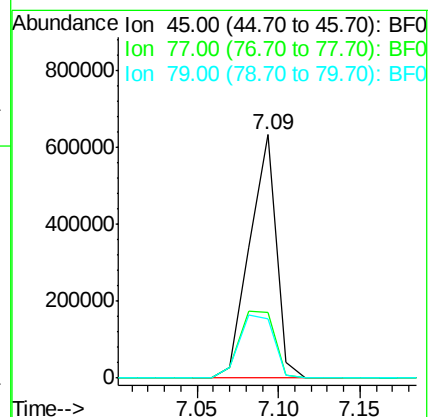
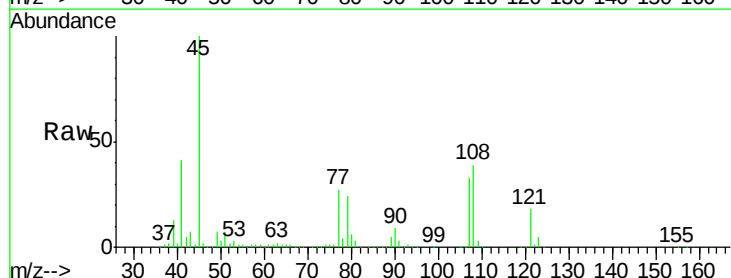
Tgt Ion: 45 Resp: 716391

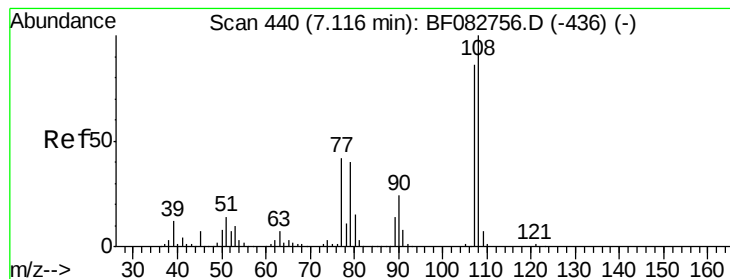
Ion Ratio Lower Upper

45 100

77 27.0 0.0 32.6

79 24.2 0.0 29.2





#17

2-Methylphenol

Concen: 21.91 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

Tgt Ion:107 Resp: 356082

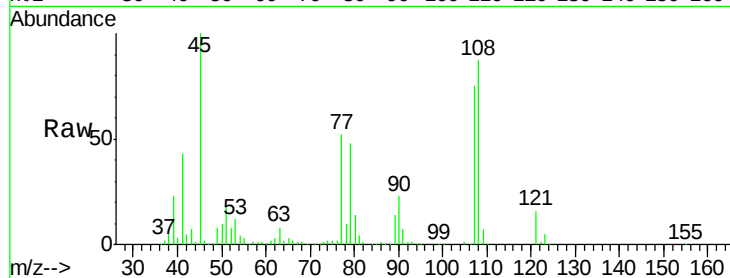
Ion Ratio Lower Upper

107 100

108 117.2 93.0 139.4

77 69.2 44.1 66.1#

79 64.4 43.6 65.4

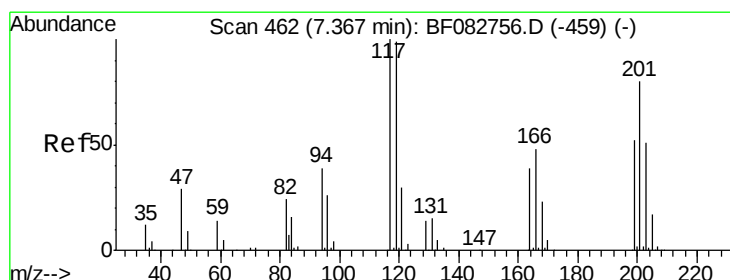
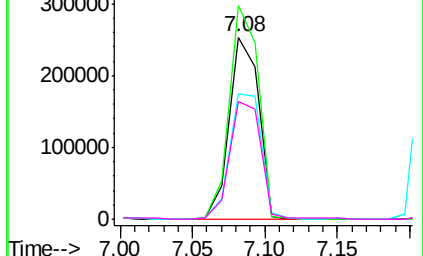
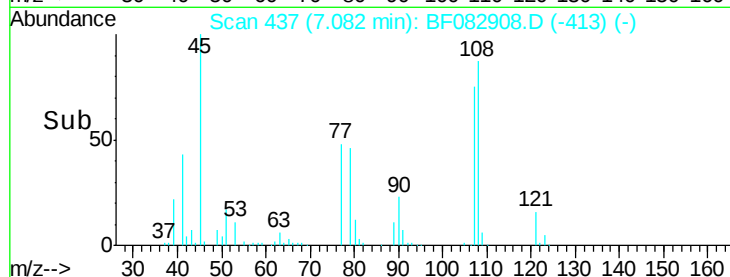


Abundance Ion 107.00 (106.70 to 107.70): E

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: 14.33 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

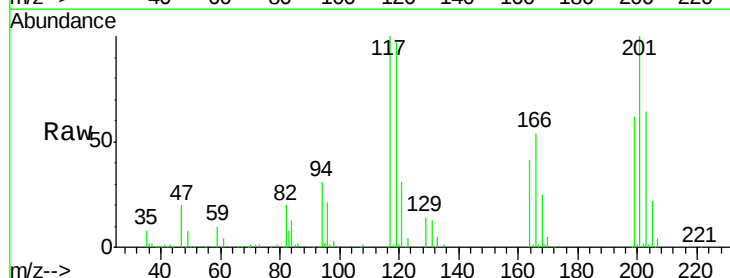
Tgt Ion:117 Resp: 115400

Ion Ratio Lower Upper

117 100

119 96.8 77.7 116.5

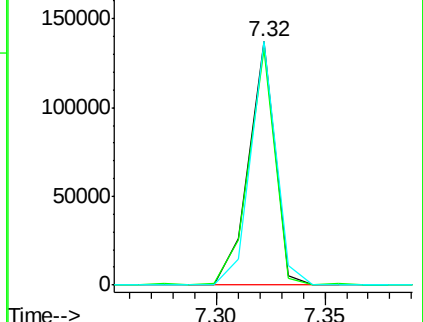
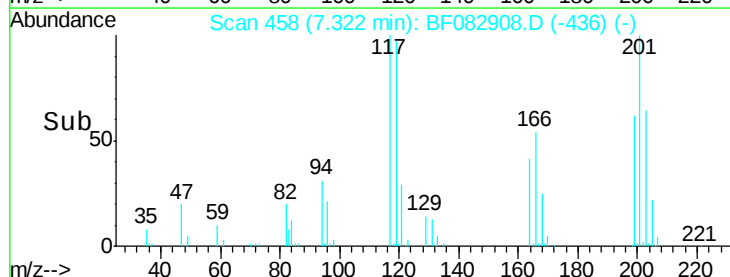
201 100.0 66.7 100.1

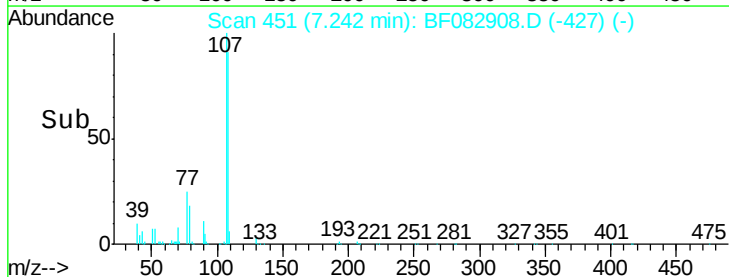
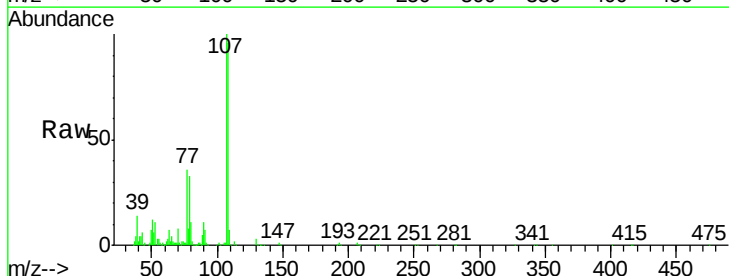
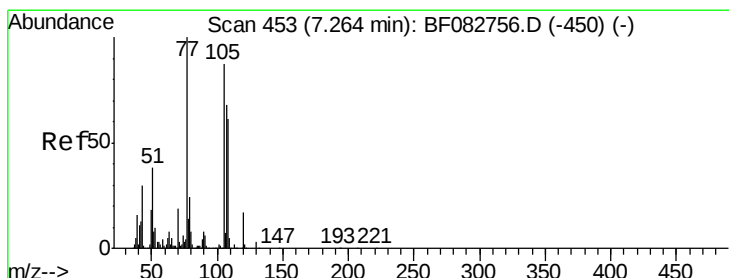
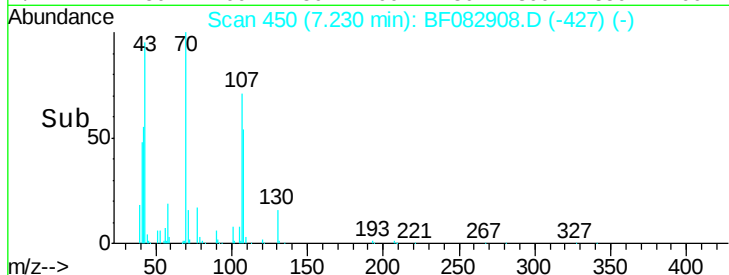
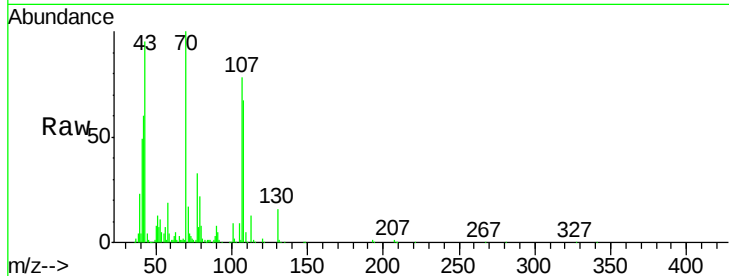
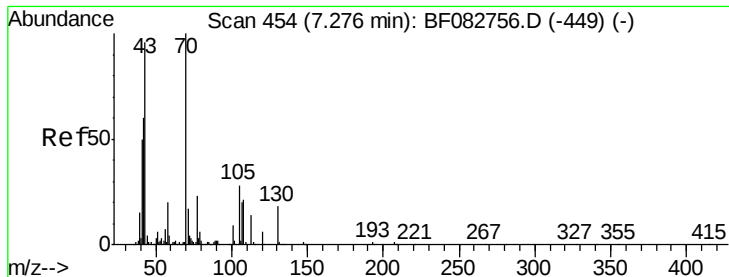


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

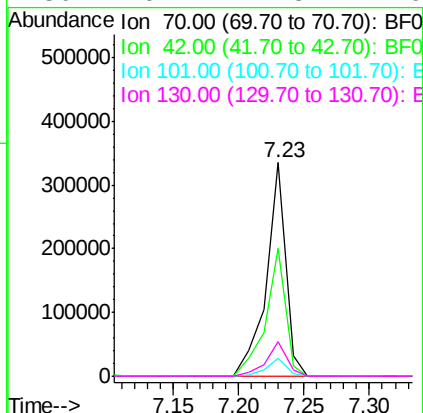




#19
n-Nitroso-di-n-propylamine
Concen: 20.76 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

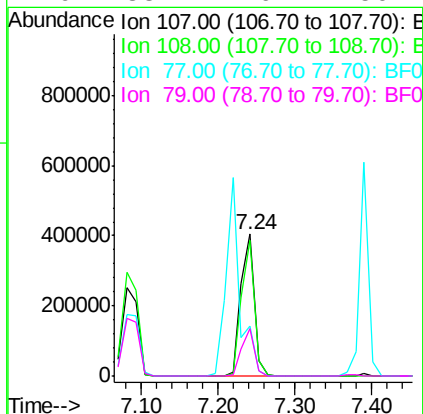
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

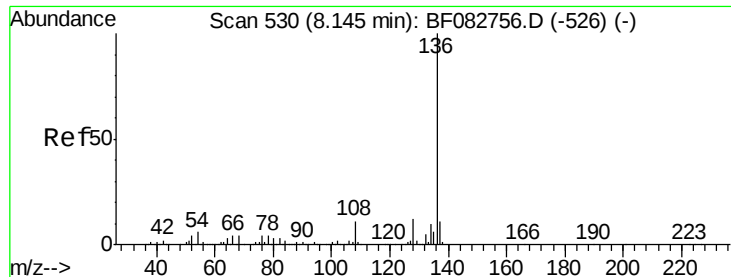
Tgt Ion: 70 Resp: 351162
Ion Ratio Lower Upper
70 100
42 60.2 57.7 86.5
101 8.7 7.0 10.6
130 16.1 11.8 17.6



#20
3+4-Methylphenols
Concen: 23.60 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion: 107 Resp: 498780
Ion Ratio Lower Upper
107 100
108 95.6 67.3 107.3
77 35.7 100.3 140.3#
79 33.2 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: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

Tgt Ion:136 Resp: 996849

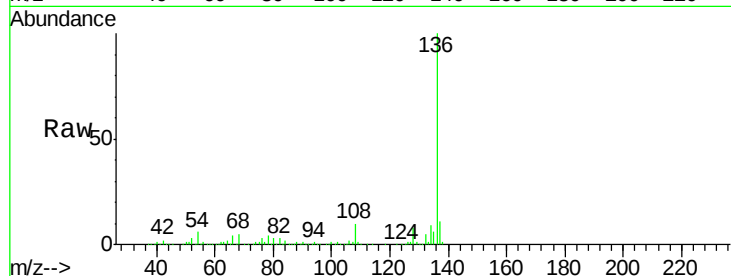
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.3 9.1 13.7#

68 4.9 4.8 7.2

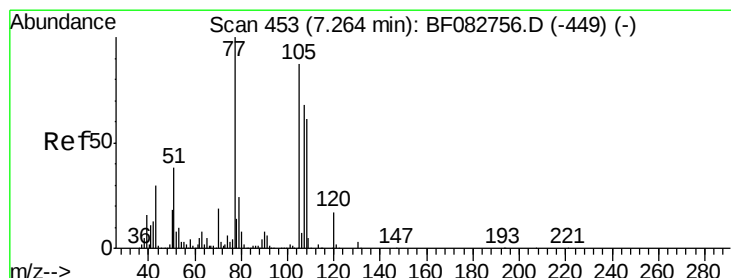
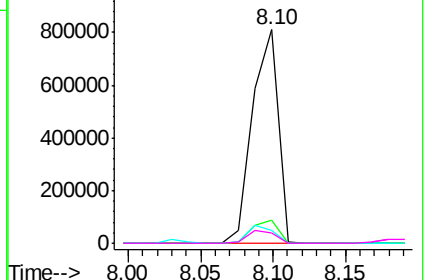
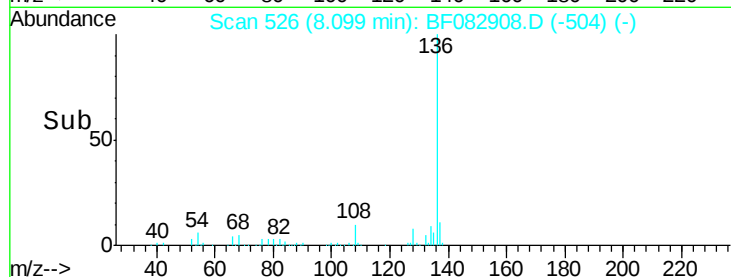


Abundance Ion 136.00 (135.70 to 136.70): E

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: 23.73 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Tgt Ion:105 Resp: 677792

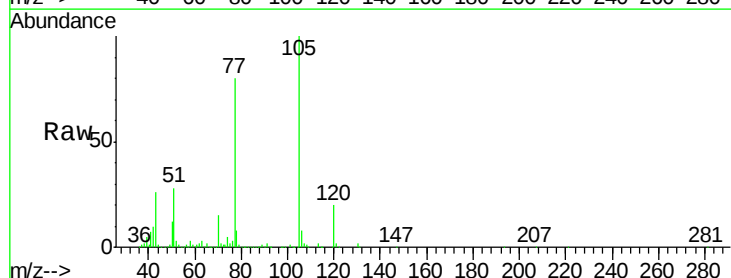
Ion Ratio Lower Upper

105 100

71 2.5 5.6 8.4#

51 27.7 24.9 37.3

120 20.4 15.8 23.8

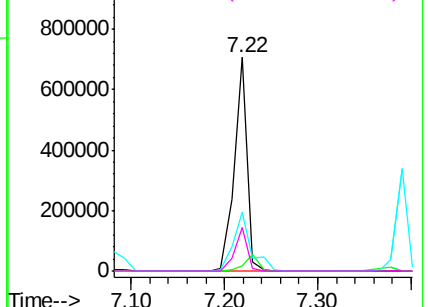
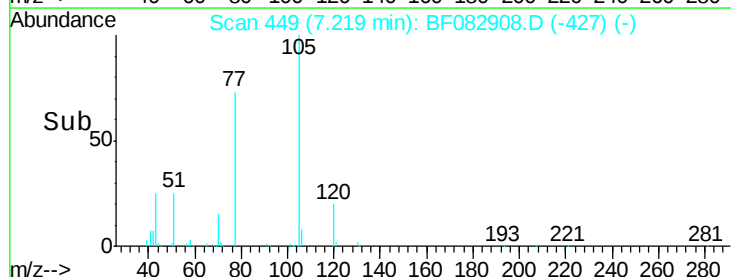


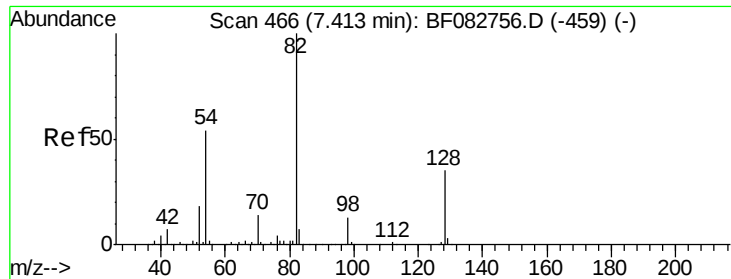
Abundance Ion 105.00 (104.70 to 105.70): E

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

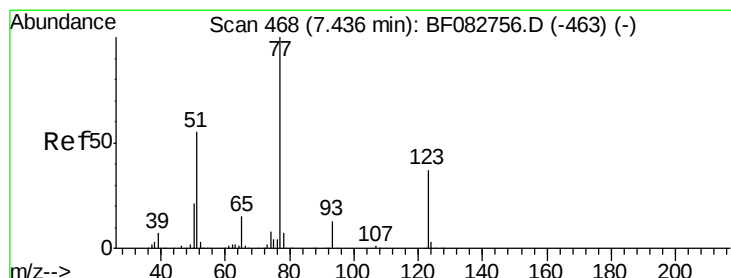
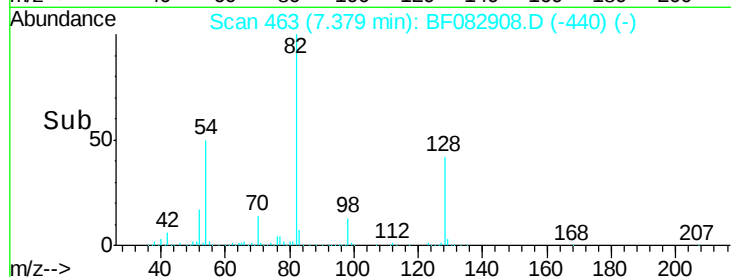
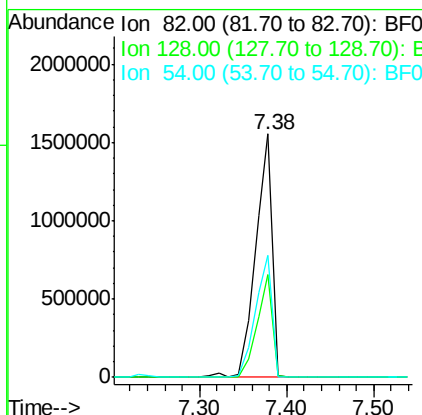
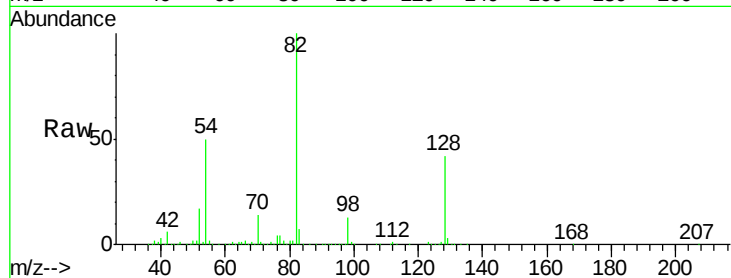




#23
Nitrobenzene-d5
Concen: 90.41 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

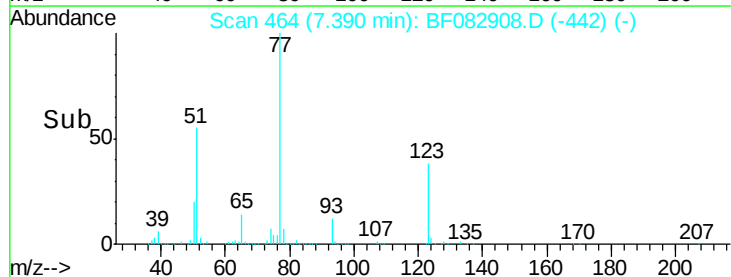
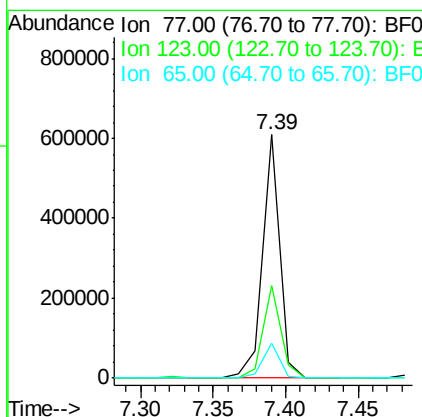
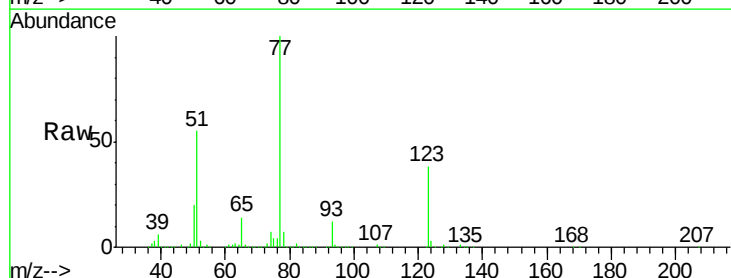
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

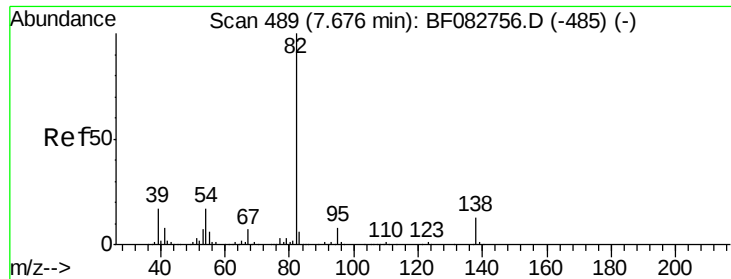
Tgt Ion: 82 Resp: 2071252
Ion Ratio Lower Upper
82 100
128 42.2 26.8 40.2#
54 50.1 45.7 68.5



#24
Nitrobenzene
Concen: 21.37 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion: 77 Resp: 500613
Ion Ratio Lower Upper
77 100
123 37.9 36.4 54.6
65 14.4 11.5 17.3





#25

Isophorone

Concen: 20.28 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

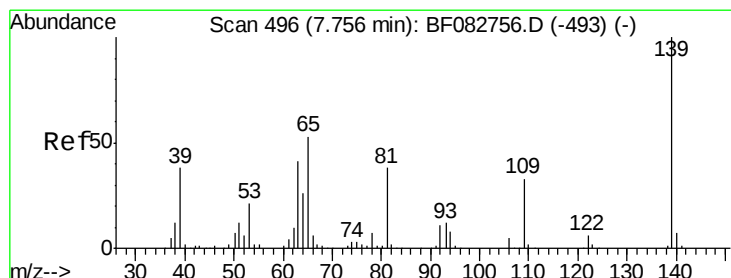
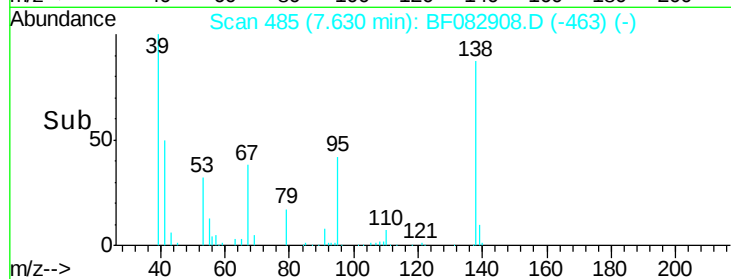
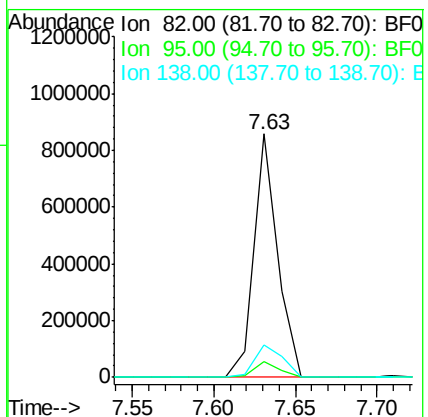
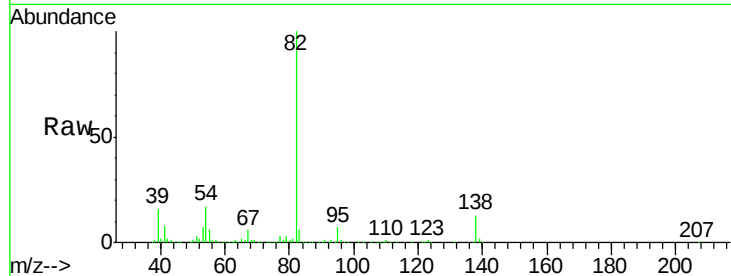
Tgt Ion: 82 Resp: 859536

Ion Ratio Lower Upper

82 100

95 6.5 6.6 9.8#

138 13.4 11.4 17.0



#26

2-Nitrophenol

Concen: 24.98 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

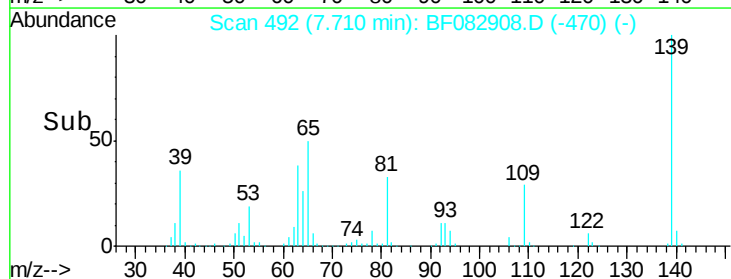
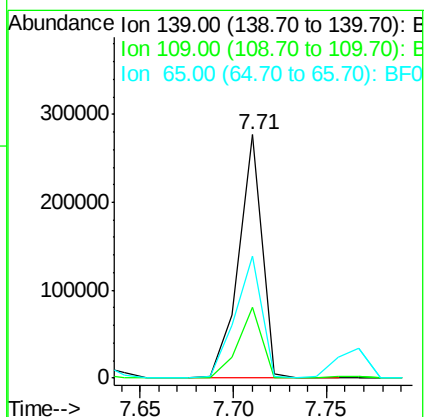
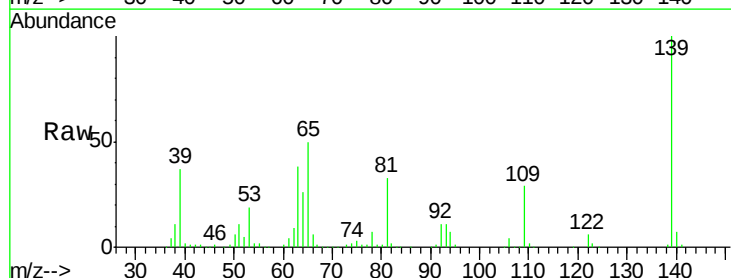
Tgt Ion: 139 Resp: 244290

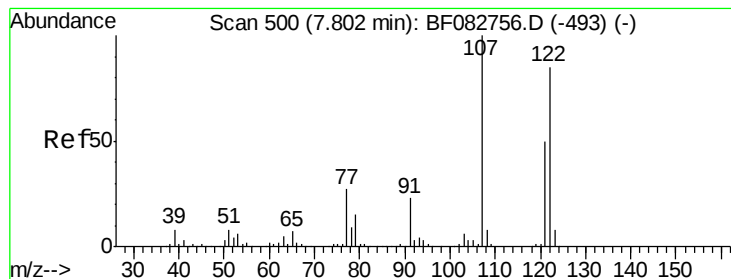
Ion Ratio Lower Upper

139 100

109 28.9 37.6 56.4#

65 49.9 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 23.23 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

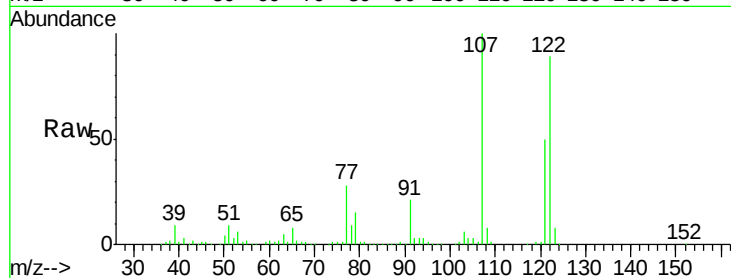
Tgt Ion:122 Resp: 408181

Ion Ratio Lower Upper

122 100

107 112.5 106.0 159.0

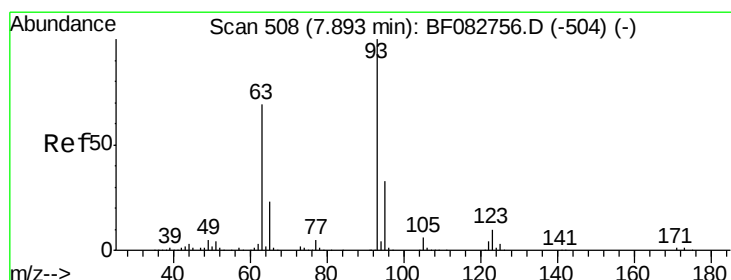
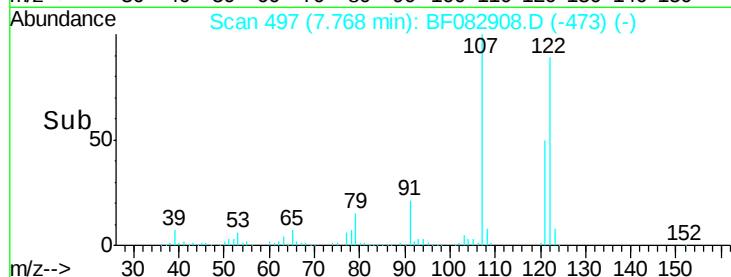
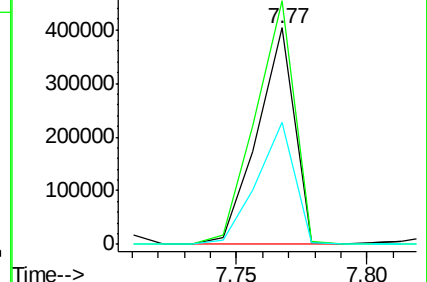
121 56.4 46.7 70.1



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: 25.78 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

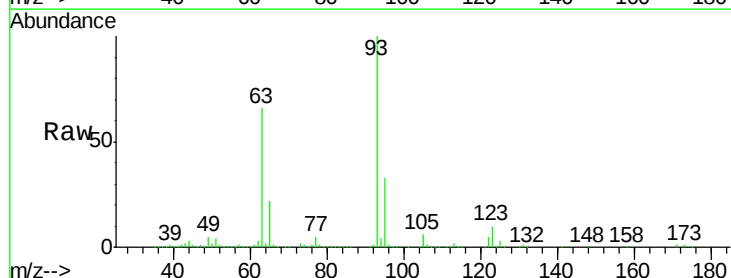
Tgt Ion: 93 Resp: 616491

Ion Ratio Lower Upper

93 100

95 32.6 26.6 40.0

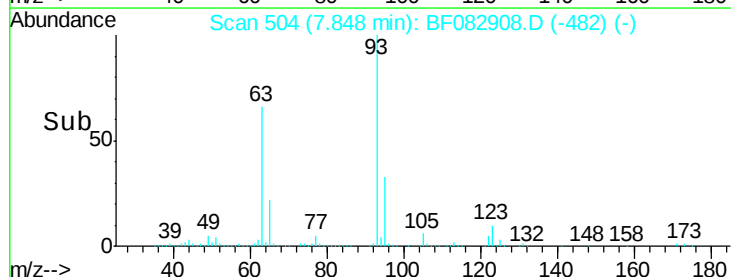
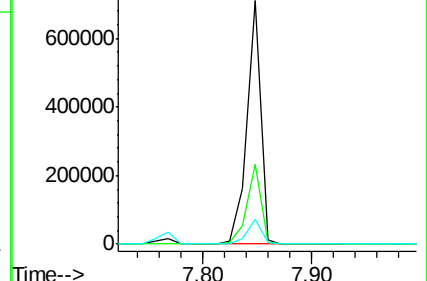
123 10.2 9.7 14.5

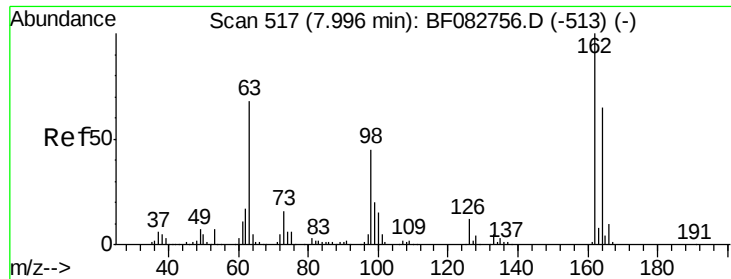


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

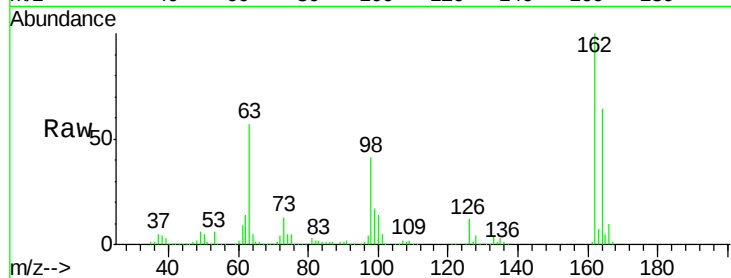




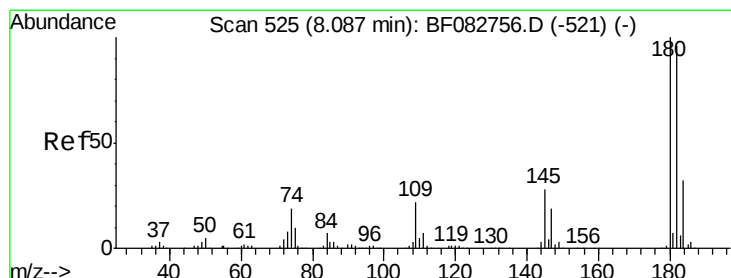
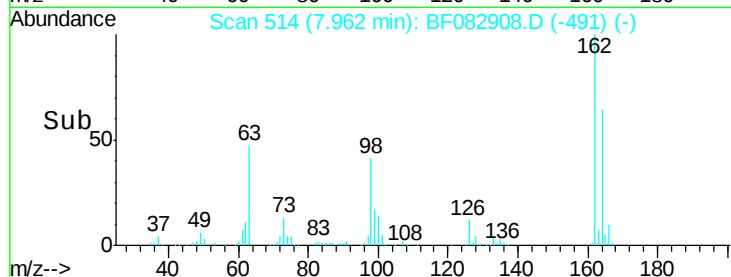
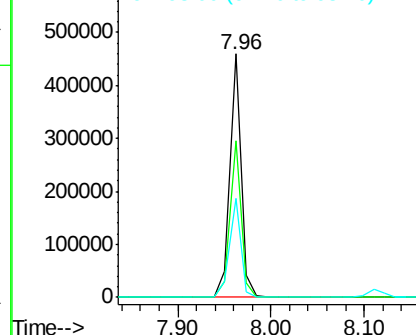
#29
2,4-Dichlorophenol
Concen: 24.12 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	46.8	86.8
98	40.6	12.5	52.5

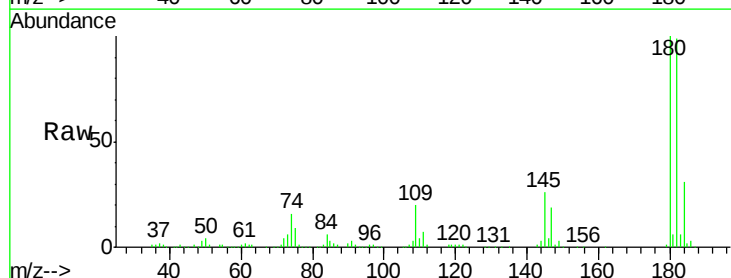


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

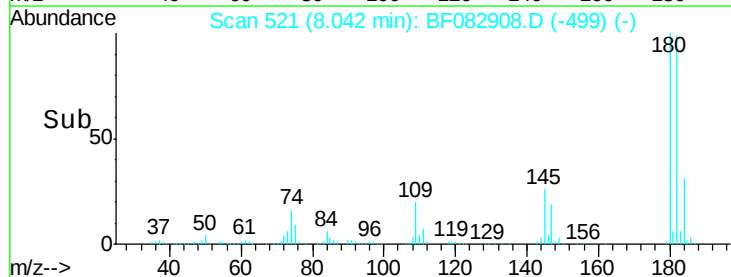
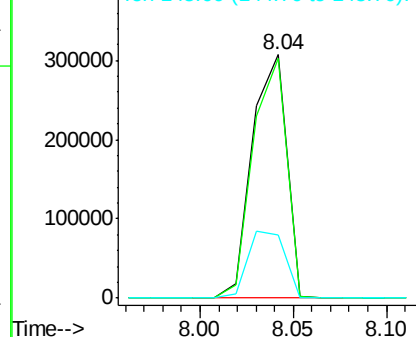


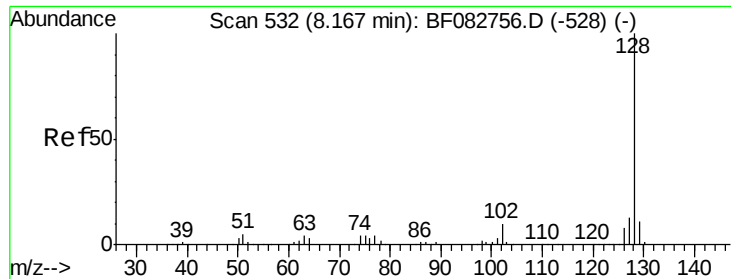
#30
1,2,4-Trichlorobenzene
Concen: 21.89 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	74.9	112.3
145	25.9	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

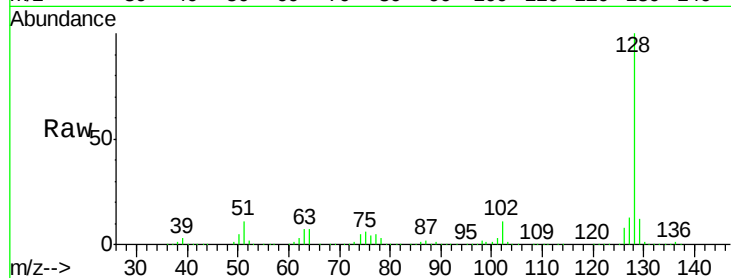




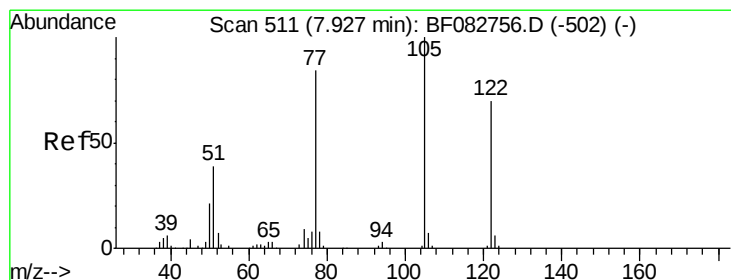
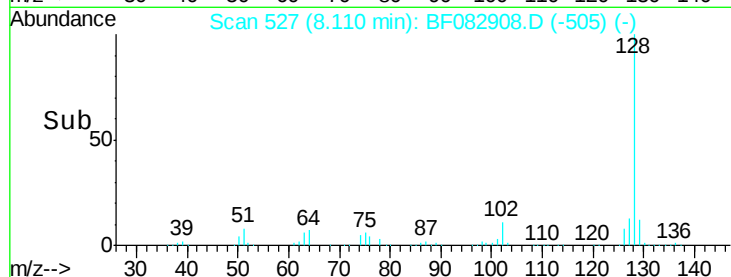
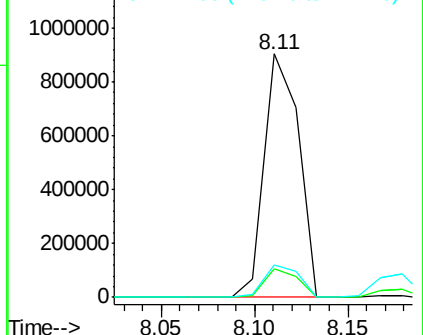
#31
Naphthalene
Concen: 20.96 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion:128 Resp: 1152998
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.4 11.4 17.0

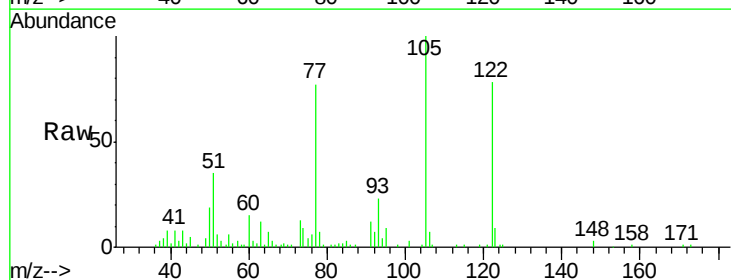


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

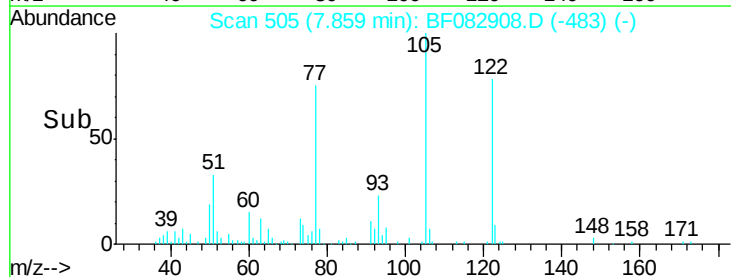
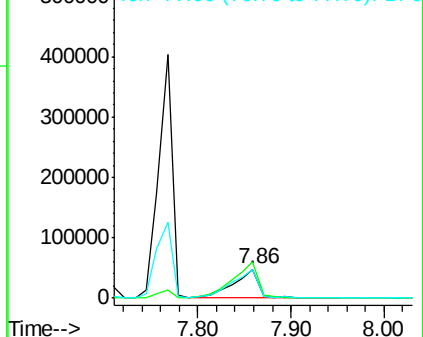


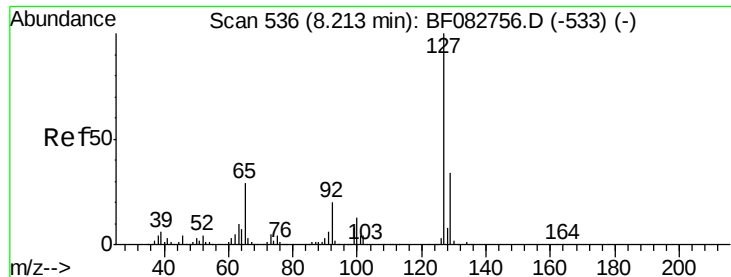
#32
Benzoic acid
Concen: 7.80 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion:122 Resp: 93835
Ion Ratio Lower Upper
122 100
105 127.5 122.6 162.6
77 98.1 100.9 140.9#



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

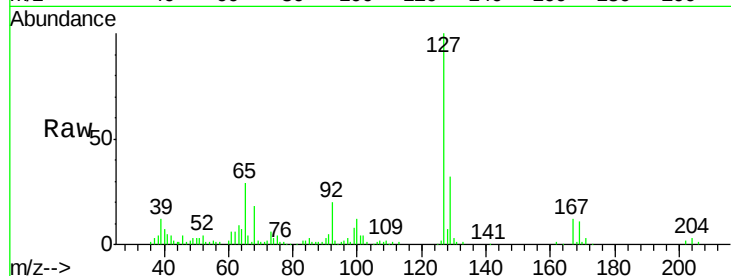




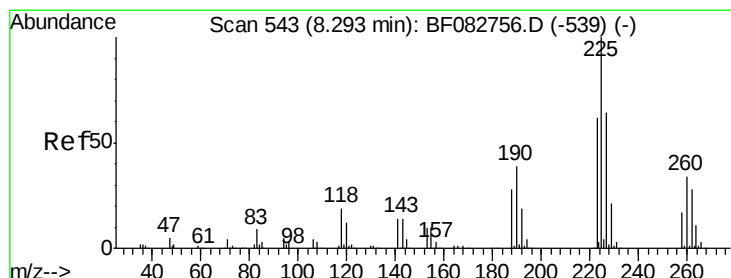
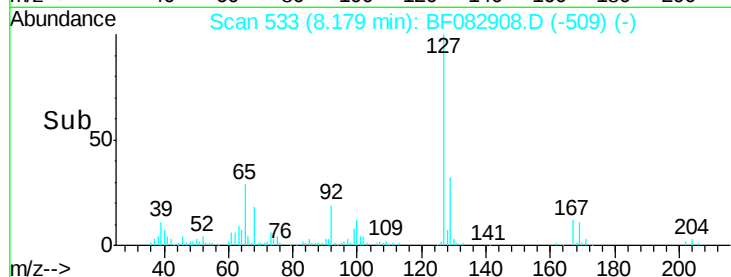
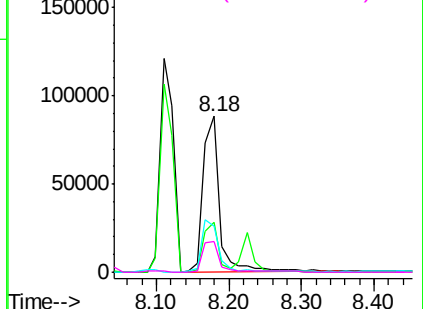
#33
 4-Chloroaniline
 Concen: 5.84 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

Tgt Ion:	127	Resp:	138406
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	29.4	37.8	56.8#
92	19.7	20.6	31.0#

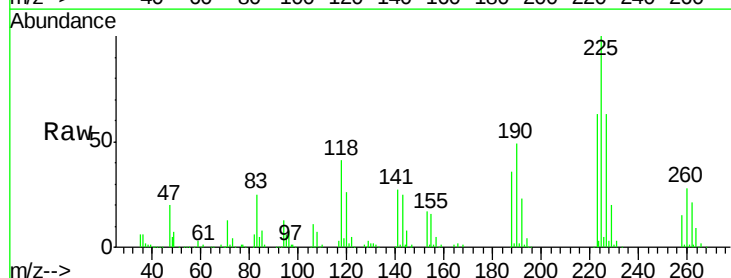


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

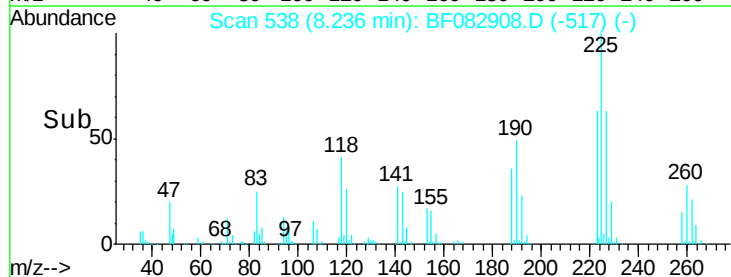
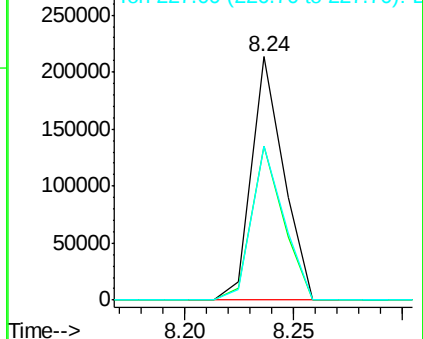


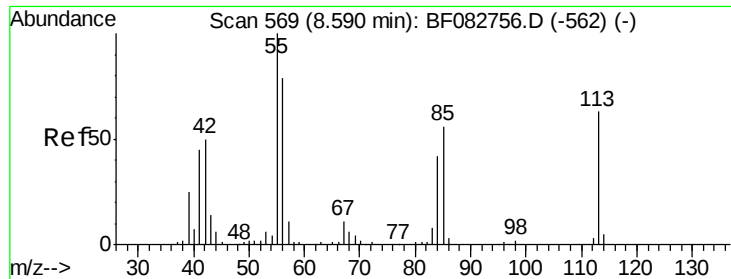
#34
 Hexachlorobutadiene
 Concen: 19.63 ng
 RT: 8.24 min Scan# 538
 Delta R.T. -0.06 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion:	225	Resp:	219350
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.5	75.7
227	63.4	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

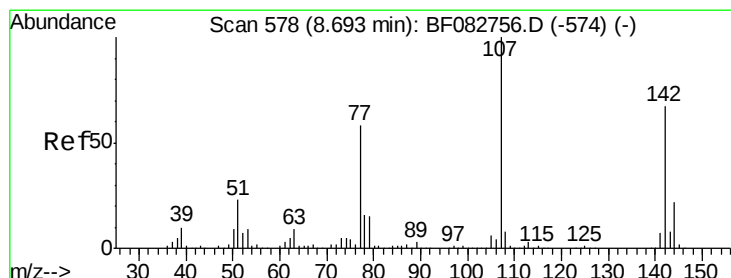
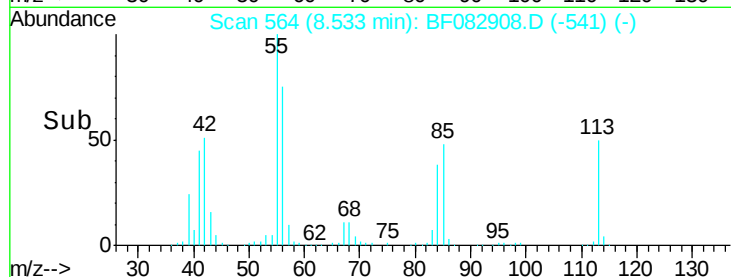
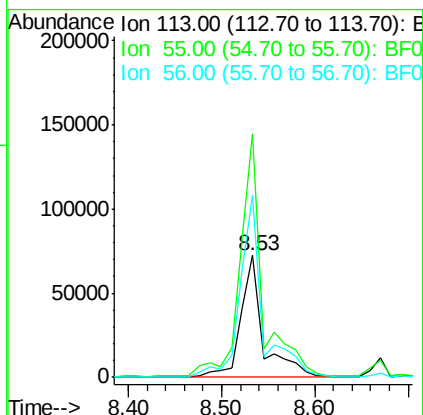
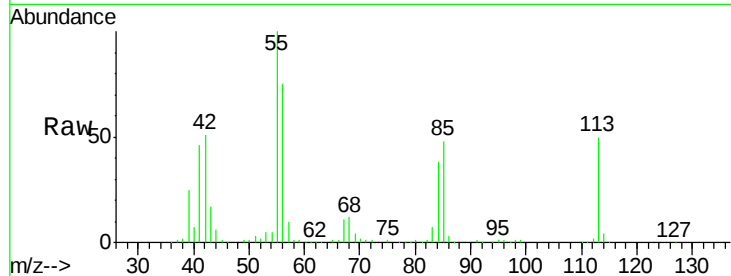




#35
 Caprolactam
 Concen: 24.28 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

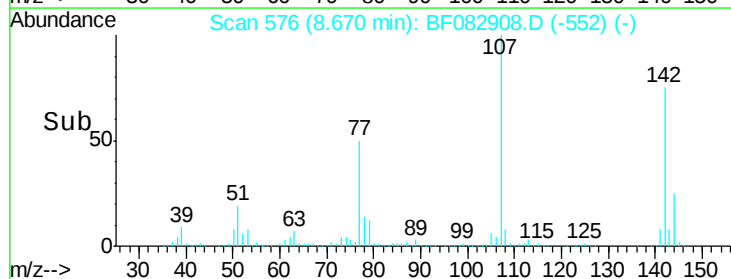
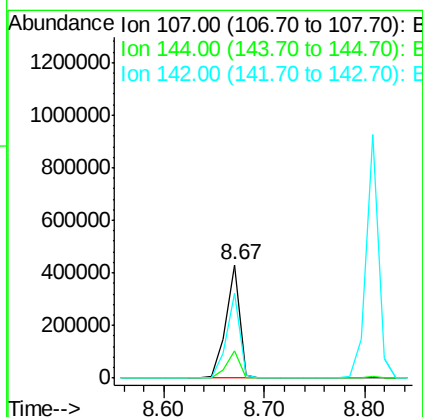
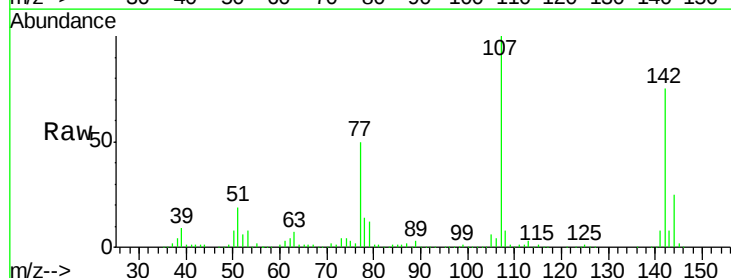
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

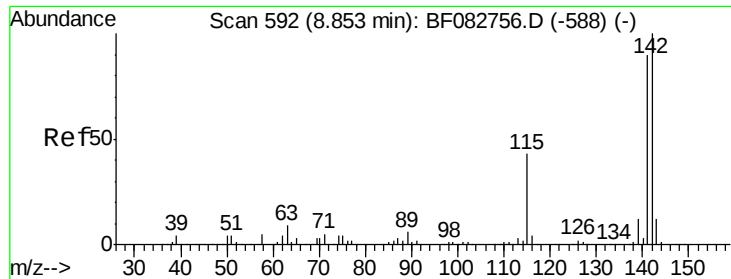
Tgt Ion:113 Resp: 121545
 Ion Ratio Lower Upper
 113 100
 55 199.8 195.5 235.5
 56 149.3 153.5 193.5#



#36
 4-Chloro-3-methylphenol
 Concen: 22.21 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion:107 Resp: 414794
 Ion Ratio Lower Upper
 107 100
 144 24.6 15.4 23.0#
 142 75.0 47.8 71.8#

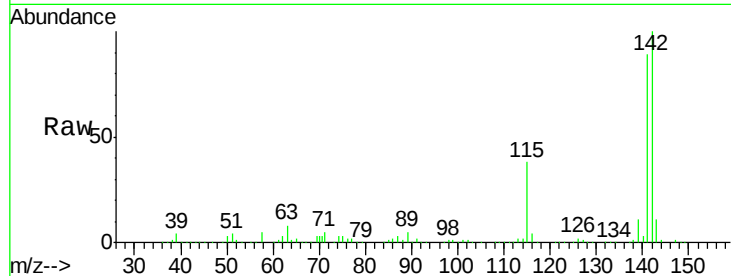




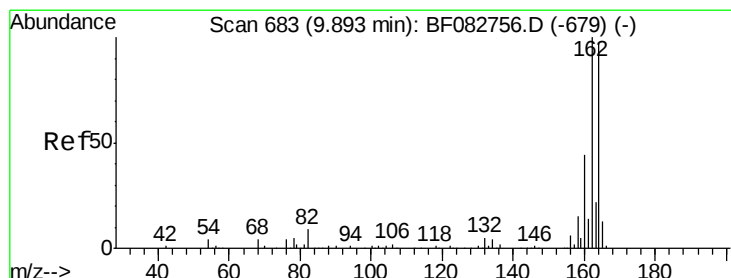
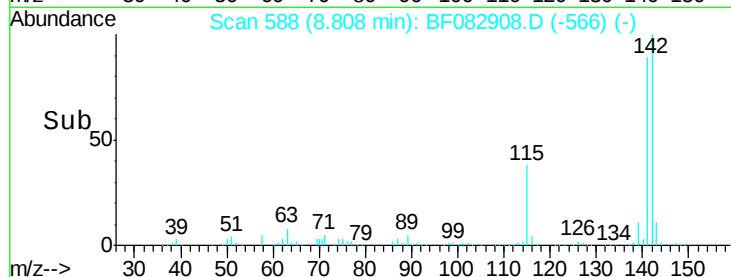
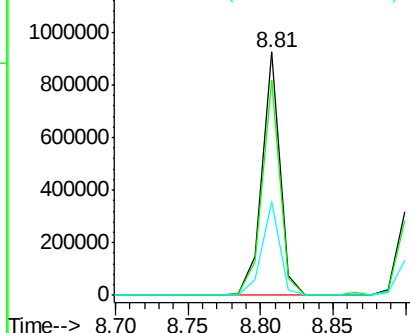
#37
2-Methylnaphthalene
Concen: 22.31 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion:142 Resp: 793690
Ion Ratio Lower Upper
142 100
141 88.7 72.3 108.5
115 38.4 38.1 57.1

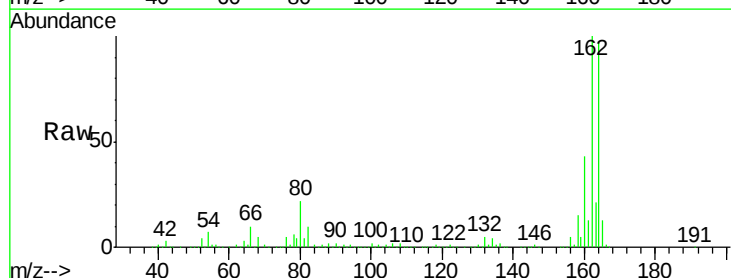


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

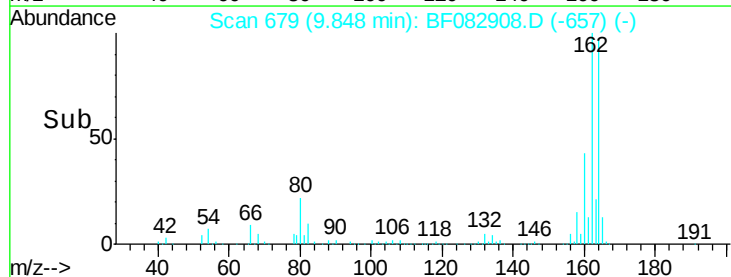
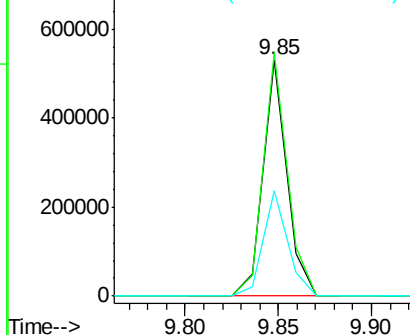


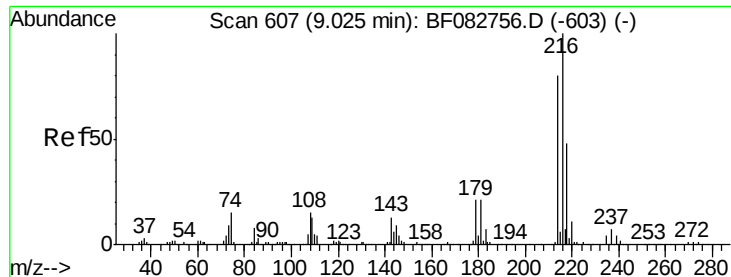
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion:164 Resp: 464831
Ion Ratio Lower Upper
164 100
162 103.0 84.9 127.3
160 44.8 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

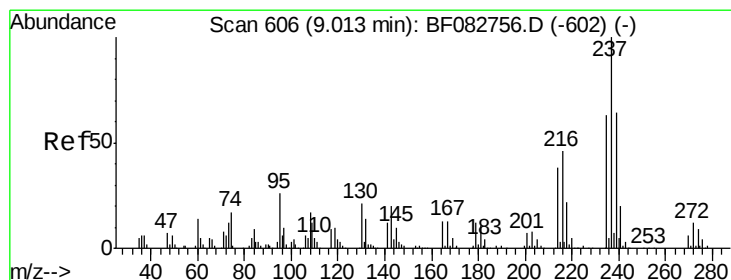
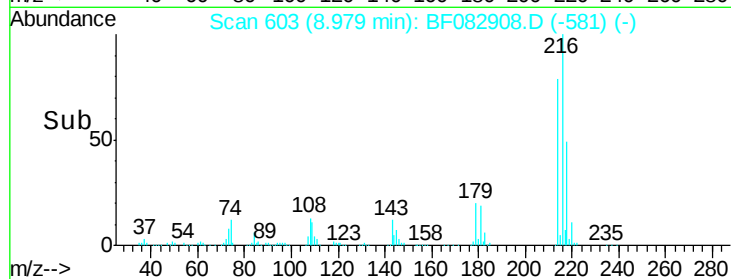
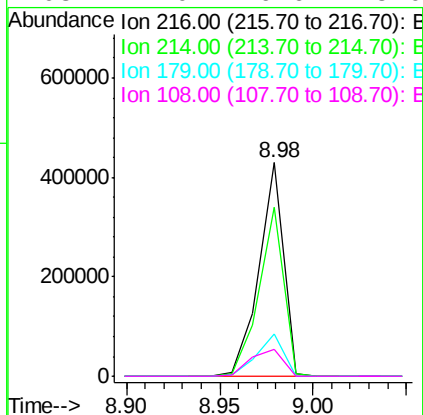
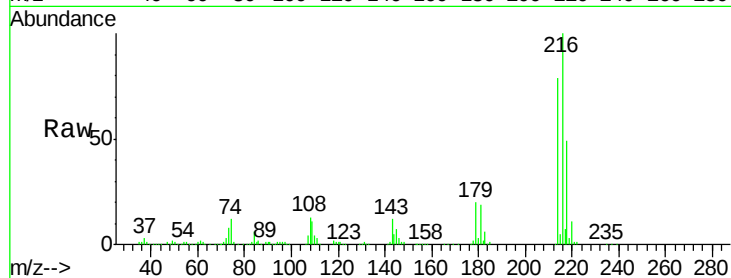




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.53 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

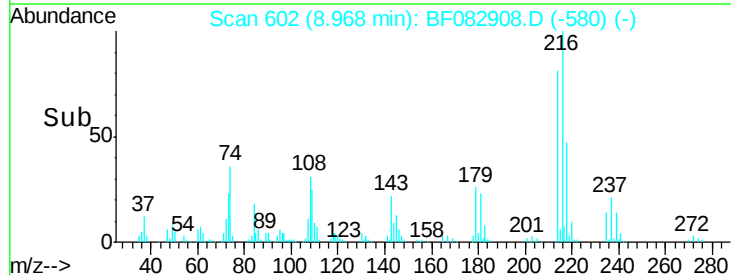
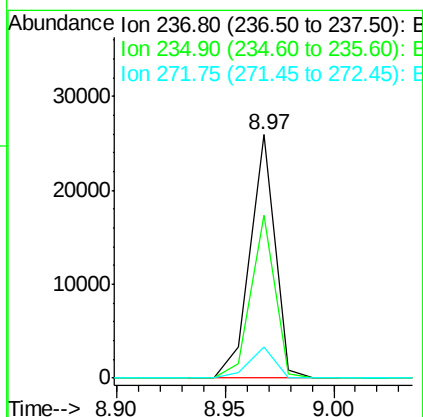
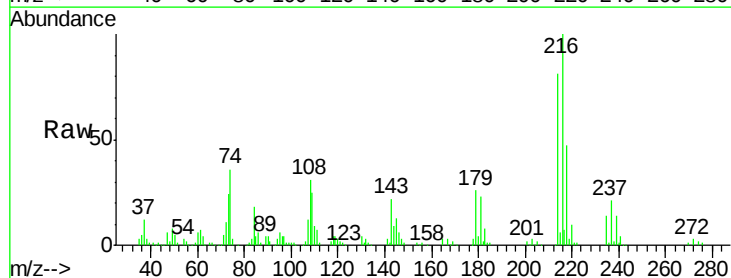
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

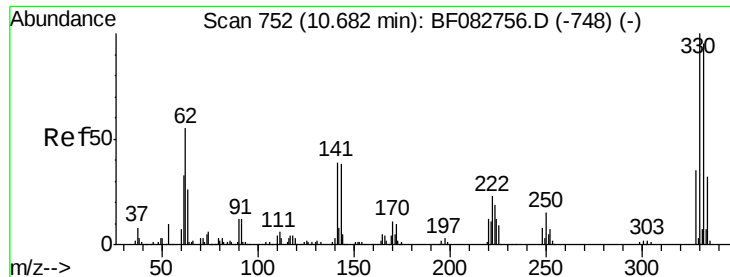
Tgt Ion:	216	Resp:	390051
Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.2	93.2
179	20.9	18.1	27.1
108	17.0	16.6	25.0



#40
 Hexachlorocyclopentadiene
 Concen: 2.51 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion:	237	Resp:	20628
Ion	Ratio	Lower	Upper
237	100		
235	66.9	44.3	84.3
272	12.6	0.0	31.9

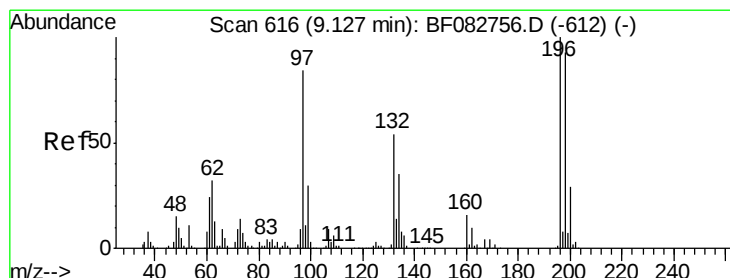
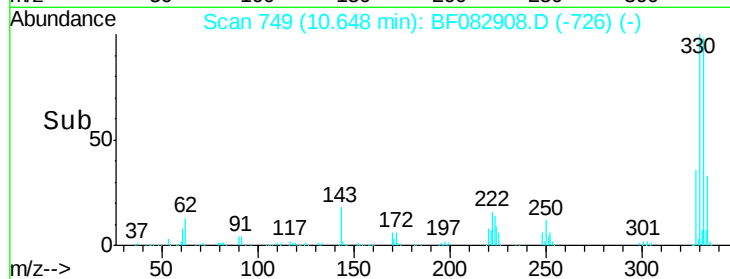
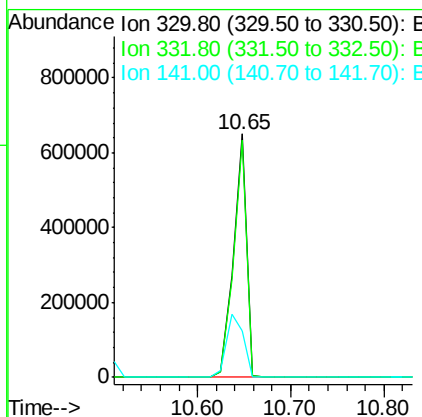
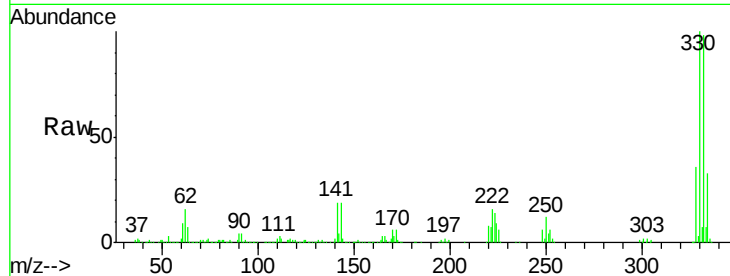




#41
 2,4,6-Tribromophenol
 Concen: 121.64 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

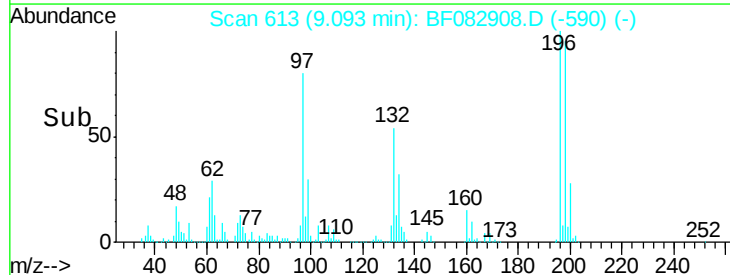
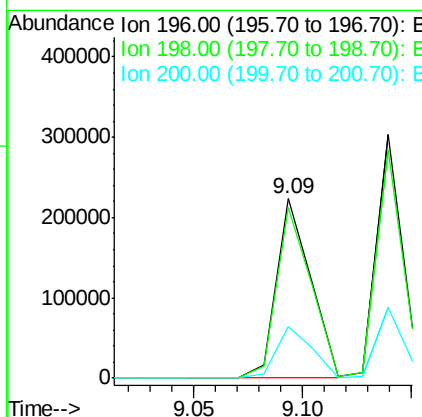
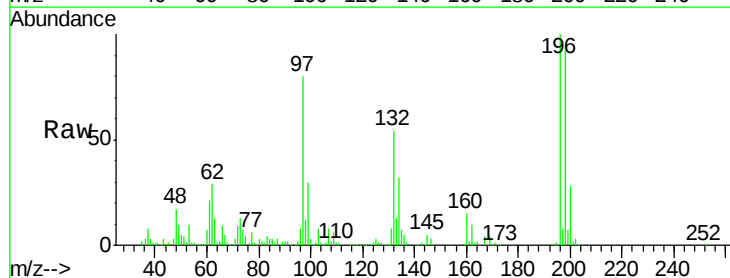
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

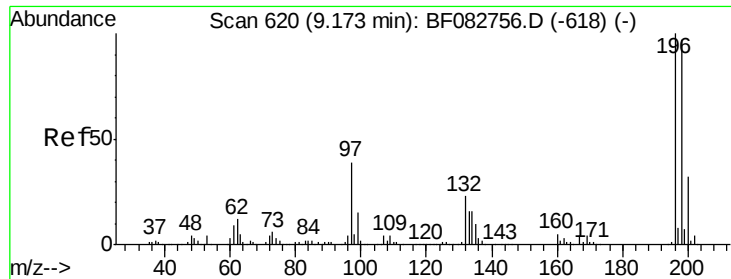
Tgt Ion:330 Resp: 648325
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 33.1 41.2 61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 21.70 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion:196 Resp: 247448
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.3 114.5
 200 28.4 23.9 35.9

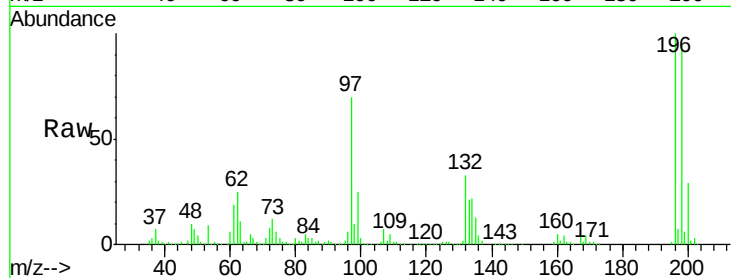




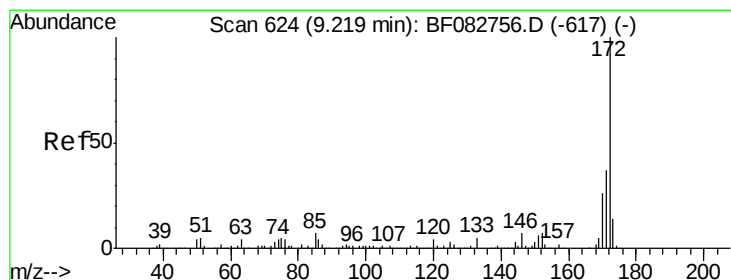
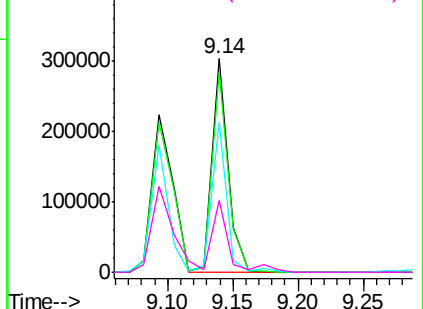
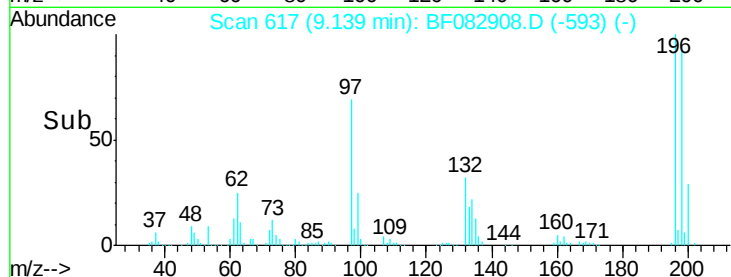
#43
 2,4,5-Trichlorophenol
 Concen: 23.04 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

Tgt Ion	Resp	Lower	Upper
196	259789		
196	100		
198	93.6	75.8	113.8
97	70.1	62.3	93.5
132	33.3	27.4	41.2

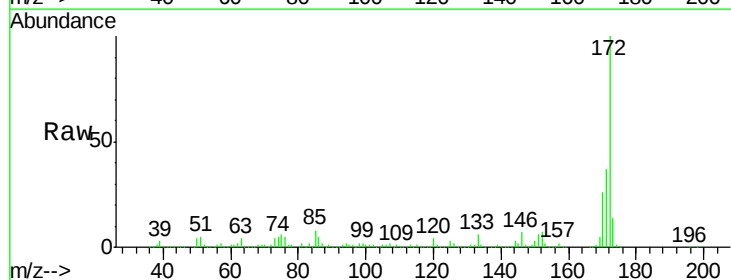


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

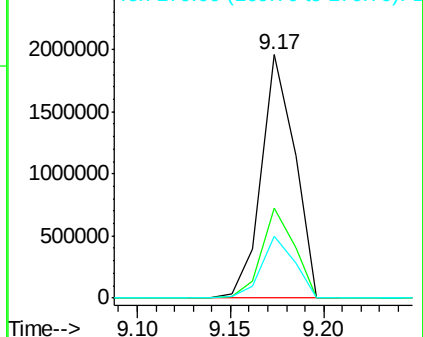
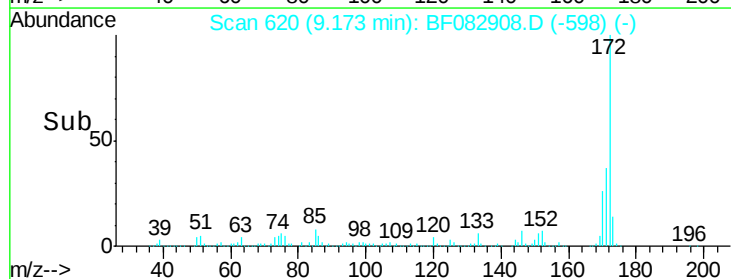


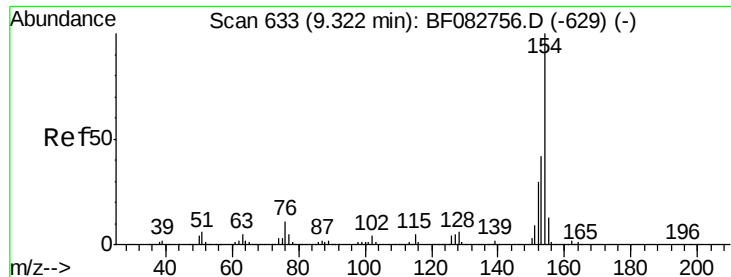
#44
 2-Fluorobiphenyl
 Concen: 74.94 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion	Resp	Lower	Upper
172	2430347		
172	100		
171	37.1	30.8	46.2
170	25.6	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

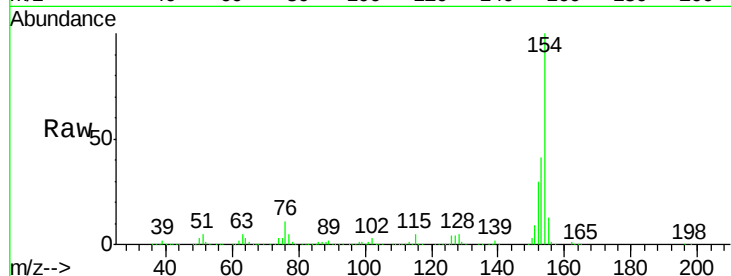




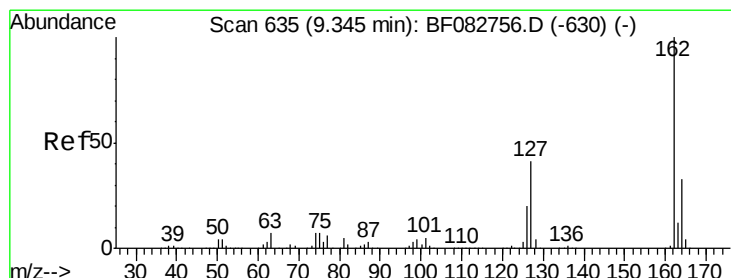
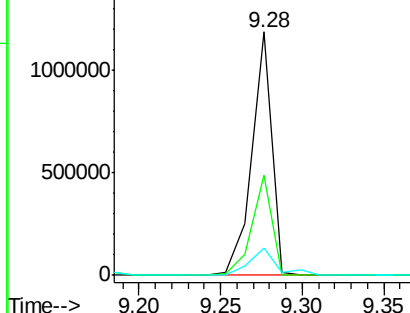
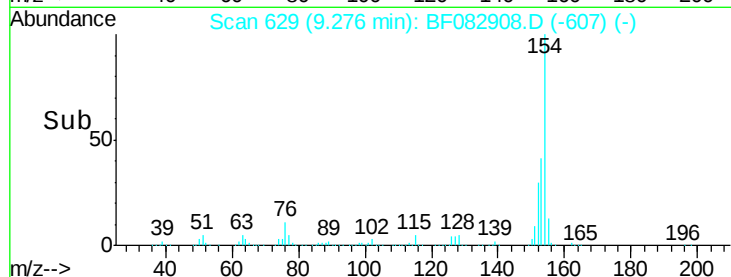
#45
 1,1'-Biphenyl
 Concen: 25.18 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

Tgt Ion:154 Resp: 1004458
 Ion Ratio Lower Upper
 154 100
 153 41.3 22.0 62.0
 76 11.3 0.0 29.0

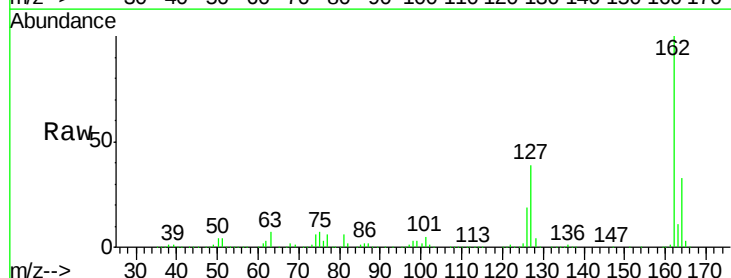


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

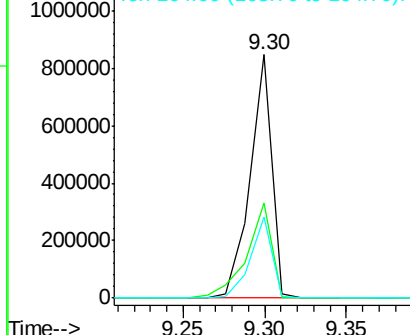
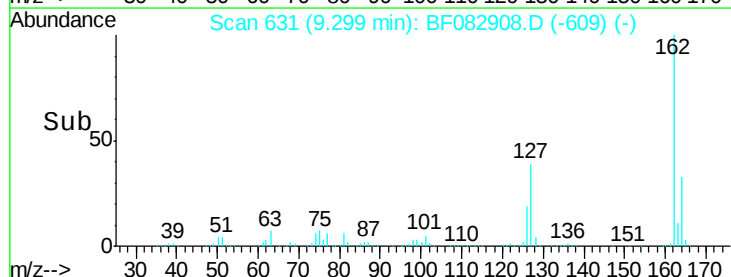


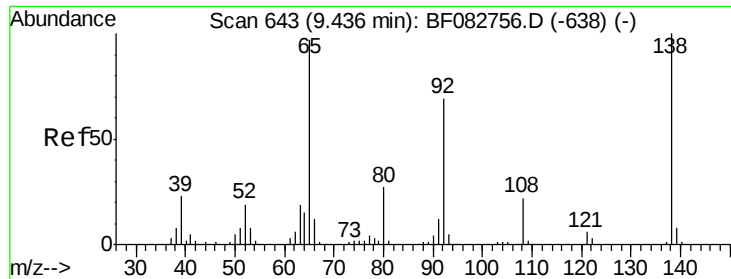
#46
 2-Chloronaphthalene
 Concen: 25.01 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion:162 Resp: 778062
 Ion Ratio Lower Upper
 162 100
 127 38.8 32.7 49.1
 164 33.2 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

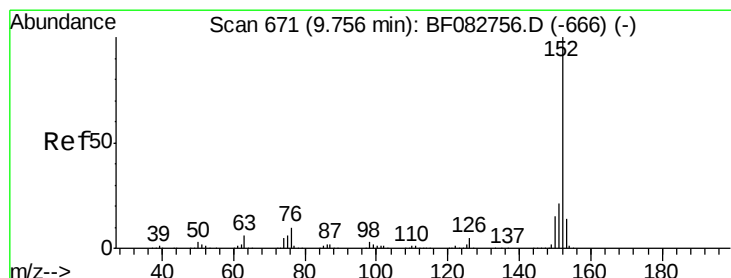
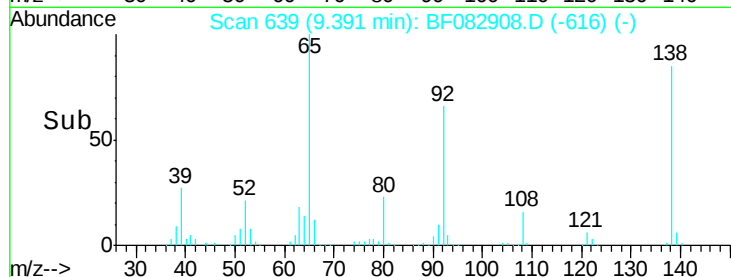
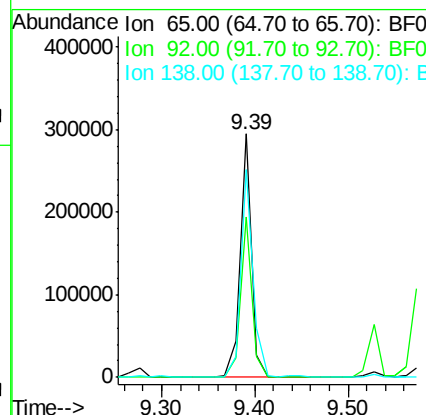
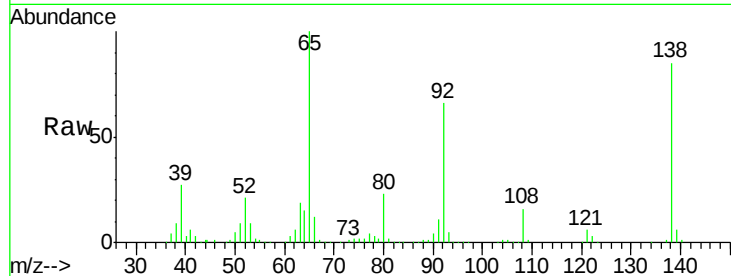




#47
 2-Nitroaniline
 Concen: 22.13 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

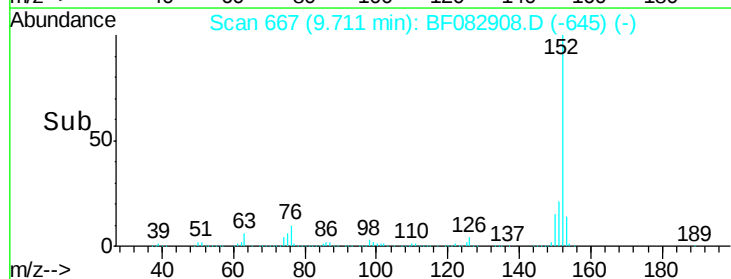
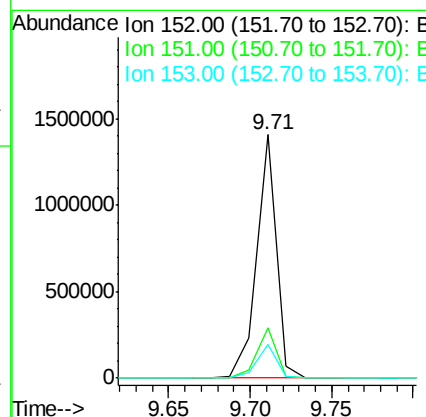
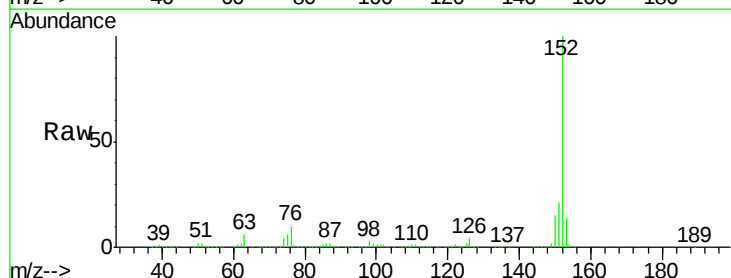
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

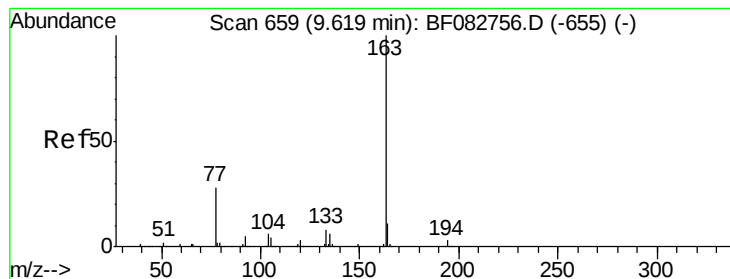
Tgt Ion: 65 Resp: 255437
 Ion Ratio Lower Upper
 65 100
 92 66.1 46.6 70.0
 138 85.3 54.6 81.8#



#48
 Acenaphthylene
 Concen: 24.18 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion: 152 Resp: 1178904
 Ion Ratio Lower Upper
 152 100
 151 20.6 17.3 25.9
 153 13.8 11.3 16.9





#49

Dimethylphthalate

Concen: 32.24 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

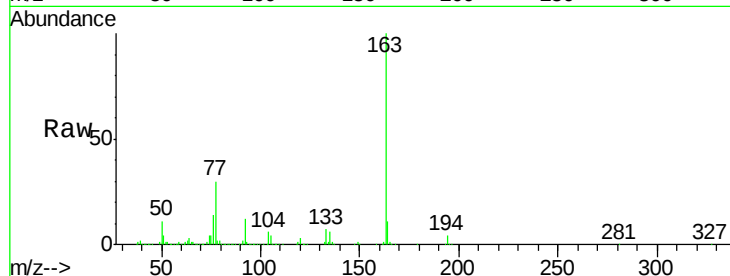
Tgt Ion:163 Resp: 1227667

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

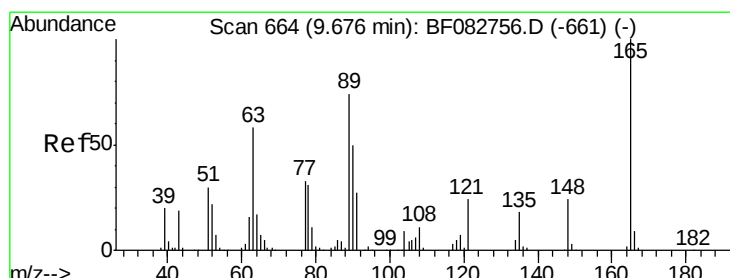
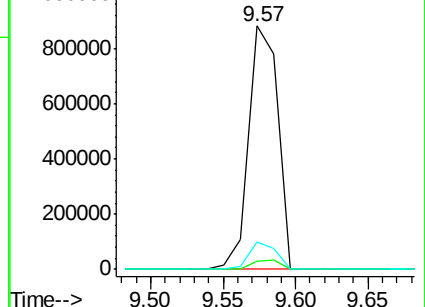
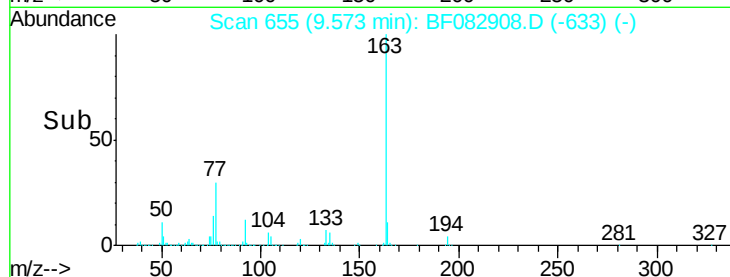
164 11.0 8.7 13.1



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: 21.79 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

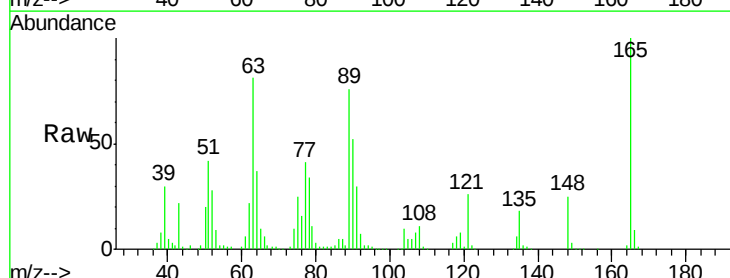
Tgt Ion:165 Resp: 177031

Ion Ratio Lower Upper

165 100

63 80.6 55.5 83.3

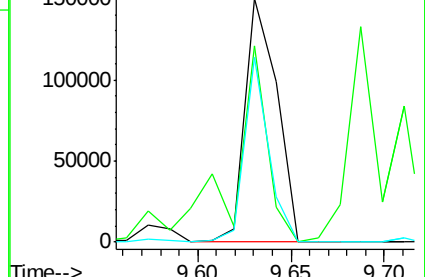
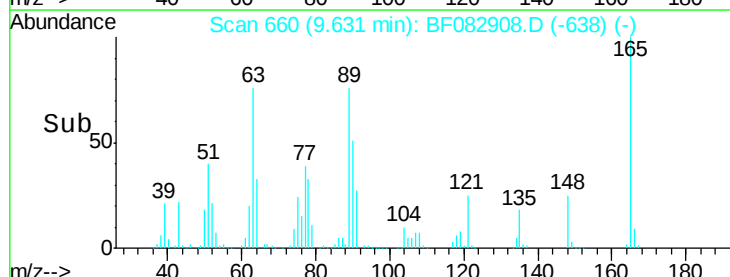
89 76.1 55.0 82.6

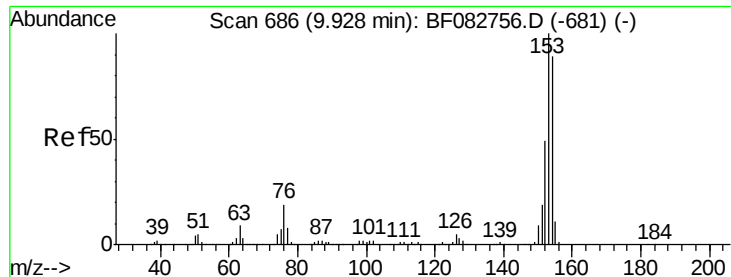


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 23.08 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

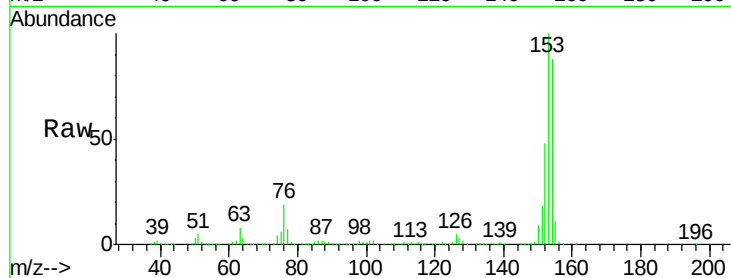
Tgt Ion:154 Resp: 713336

Ion Ratio Lower Upper

154 100

153 114.2 90.1 135.1

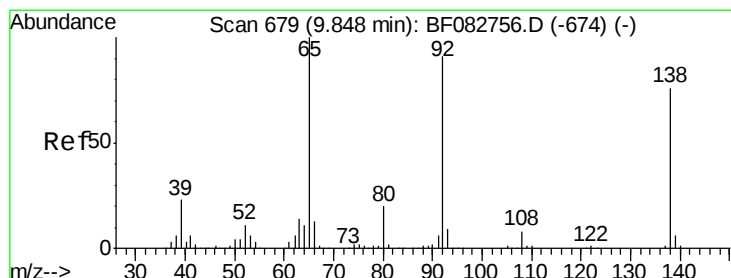
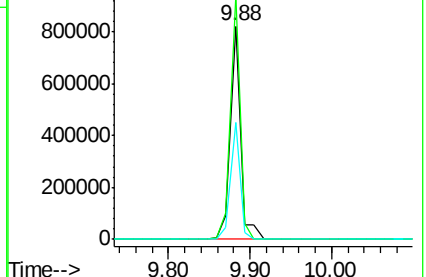
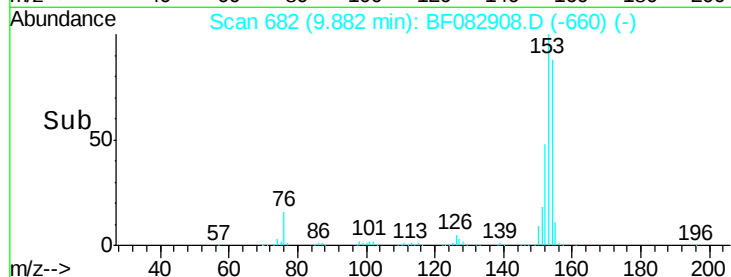
152 54.5 44.3 66.5



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: 11.74 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

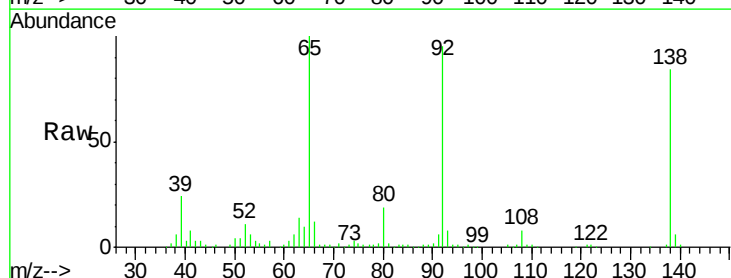
Tgt Ion:138 Resp: 104888

Ion Ratio Lower Upper

138 100

108 9.6 11.3 16.9#

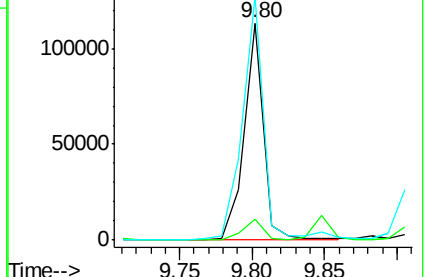
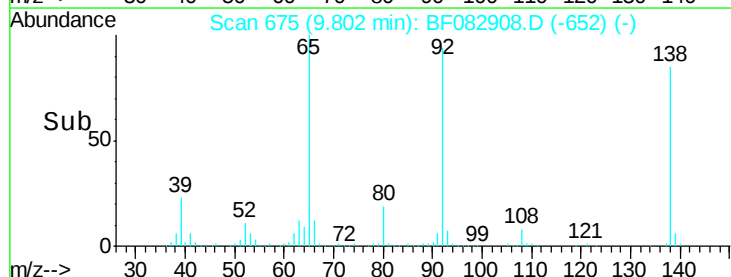
92 112.1 122.4 183.6#

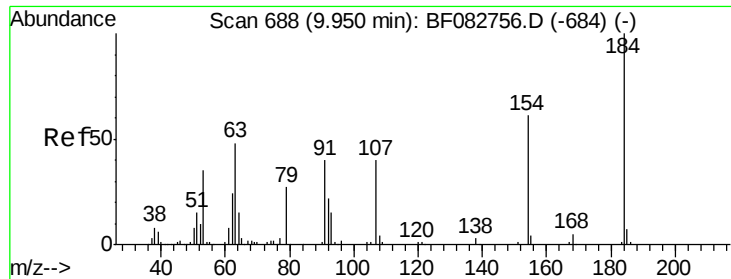


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

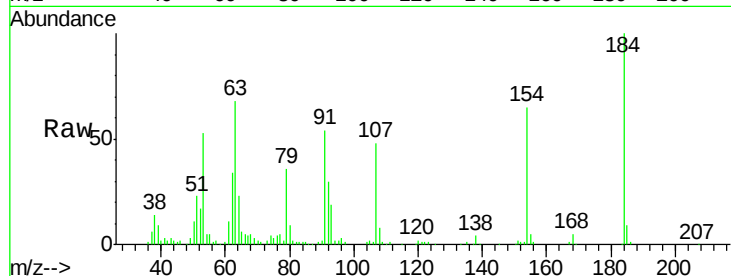




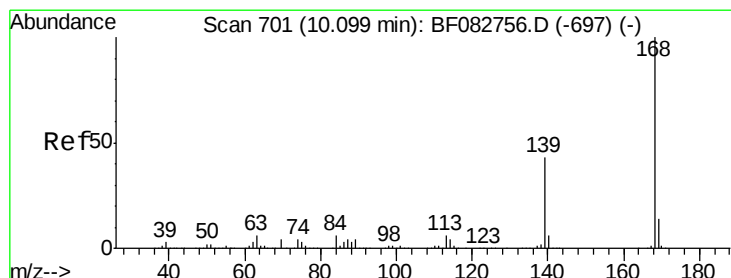
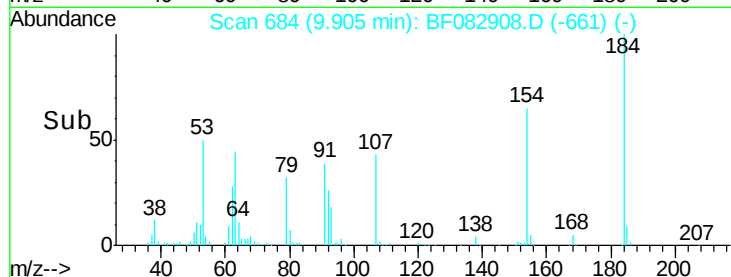
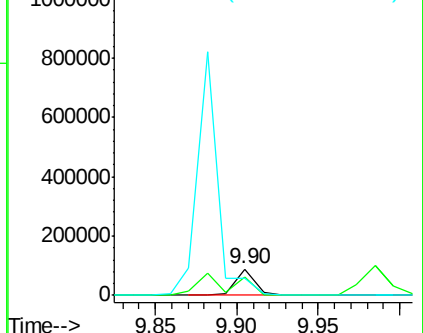
#53
2,4-Dinitrophenol
Concen: 16.11 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion:184 Resp: 71871
Ion Ratio Lower Upper
184 100
63 68.1 98.6 148.0#
154 65.2 183.9 275.9#

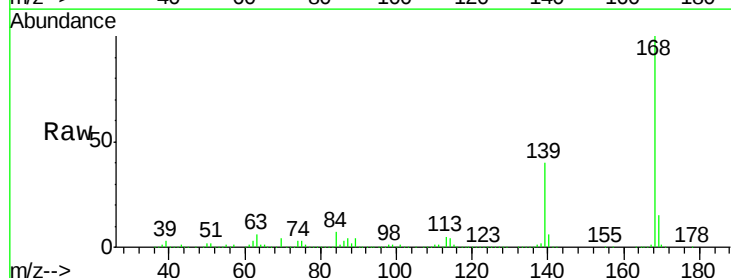


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

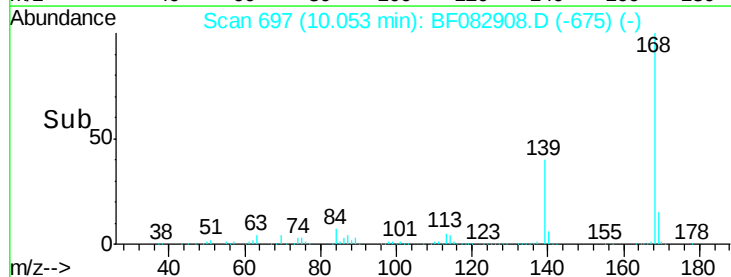
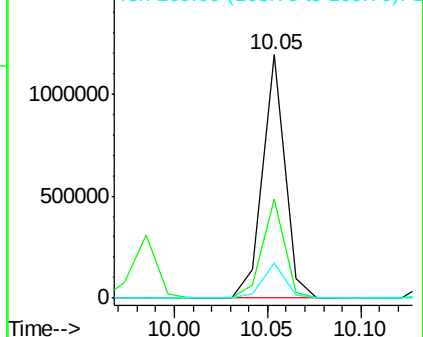


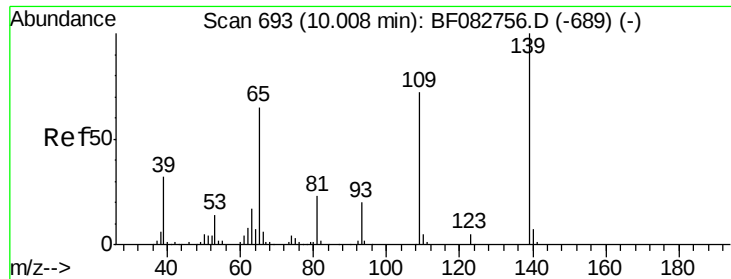
#54
Dibenzofuran
Concen: 23.57 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion:168 Resp: 981938
Ion Ratio Lower Upper
168 100
139 40.4 37.8 56.6
169 14.6 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

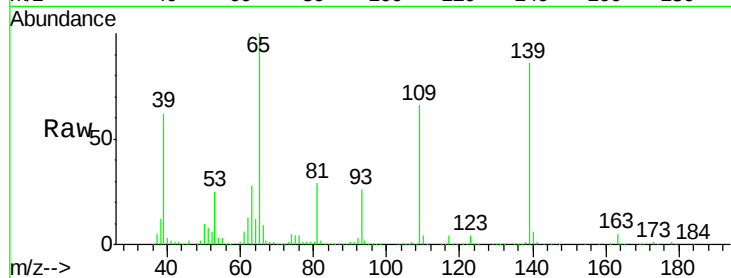




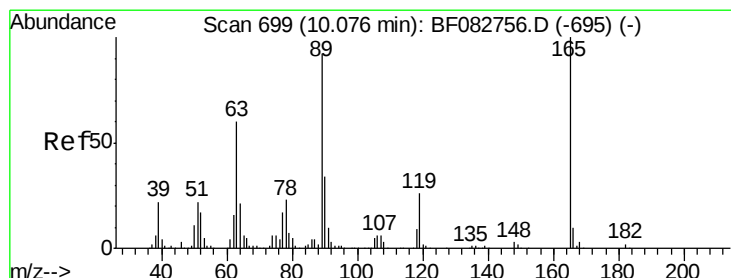
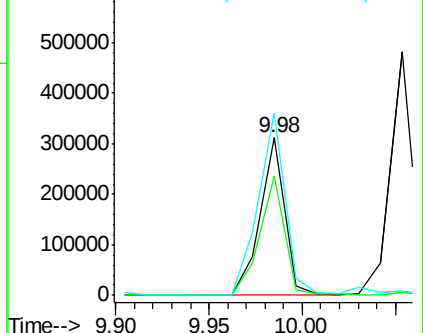
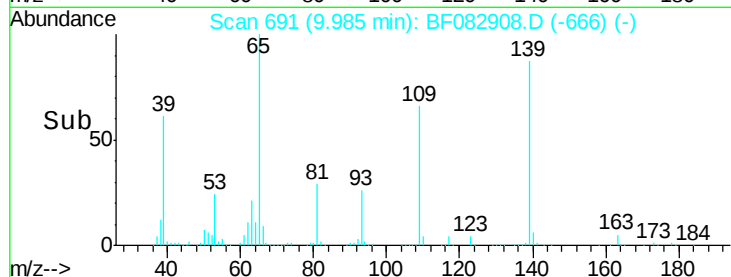
#55
4-Nitrophenol
Concen: 41.46 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

Tgt Ion:139 Resp: 284275
Ion Ratio Lower Upper
139 100
109 76.0 73.7 113.7
65 115.7 82.9 122.9

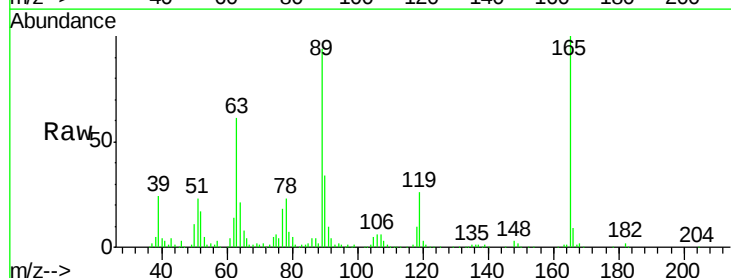


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

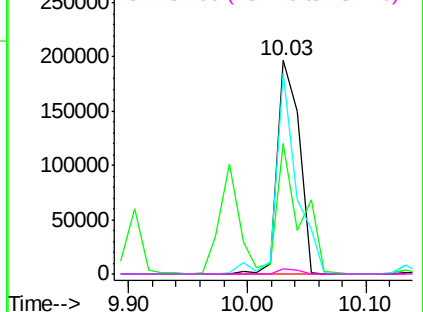
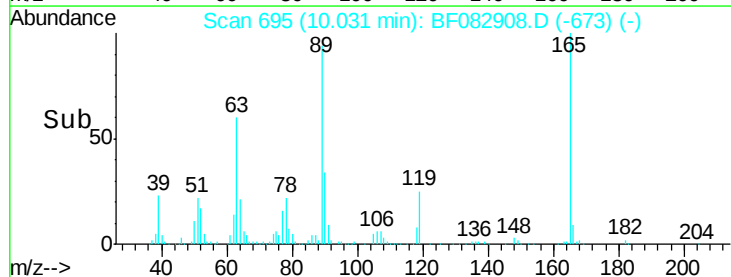


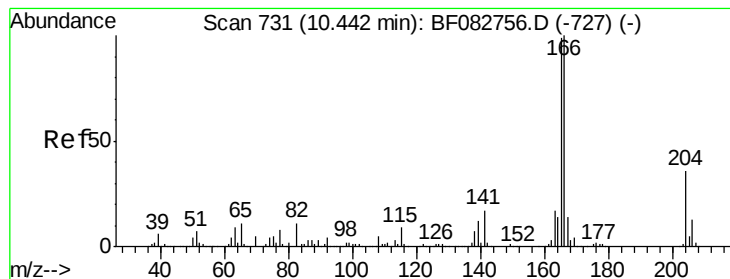
#56
2,4-Dinitrotoluene
Concen: 22.42 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion:165 Resp: 247201
Ion Ratio Lower Upper
165 100
63 61.0 43.4 65.0
89 94.2 70.6 106.0
182 2.2 1.5 2.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 23.82 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

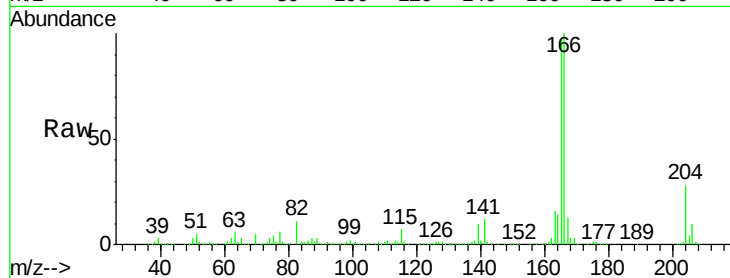
Tgt Ion:166 Resp: 803626

Ion Ratio Lower Upper

166 100

165 96.9 80.2 120.4

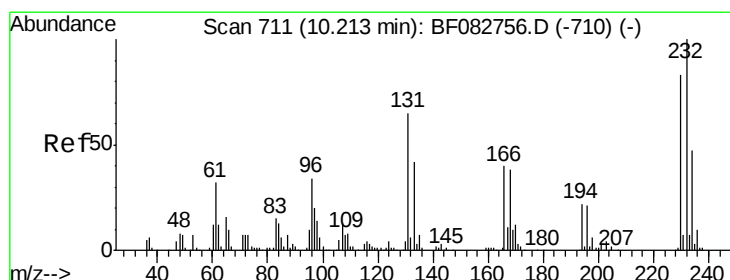
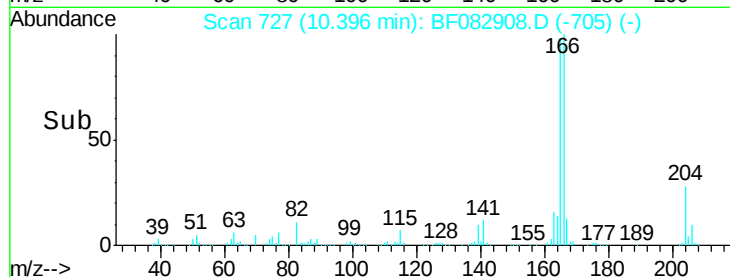
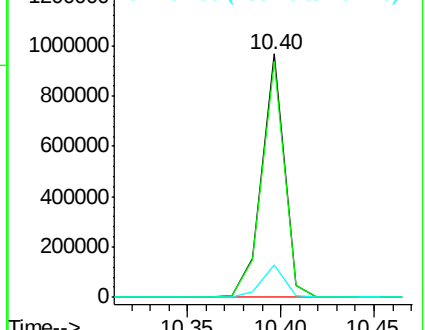
167 13.4 11.2 16.8



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: 24.22 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Tgt Ion:232 Resp: 222949

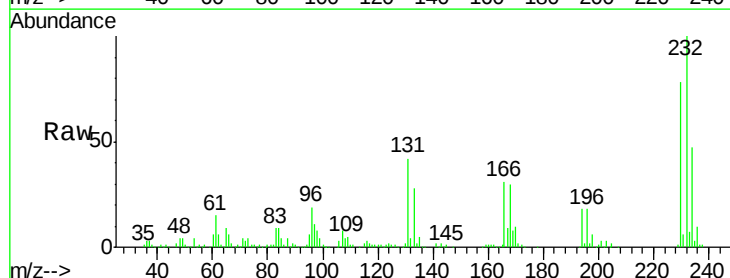
Ion Ratio Lower Upper

232 100

131 44.9 46.2 69.2#

130 2.2 2.4 3.6#

166 31.5 28.2 42.2

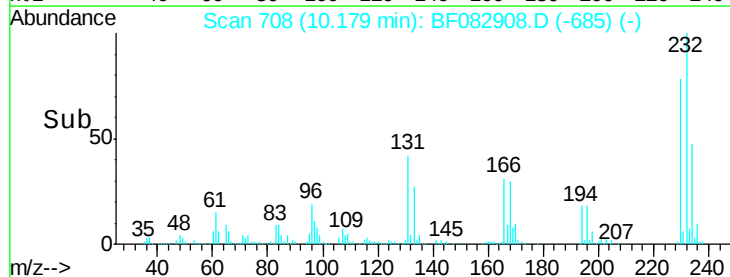
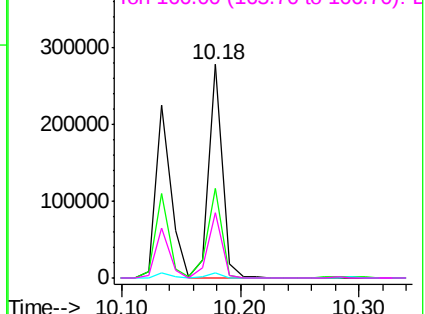


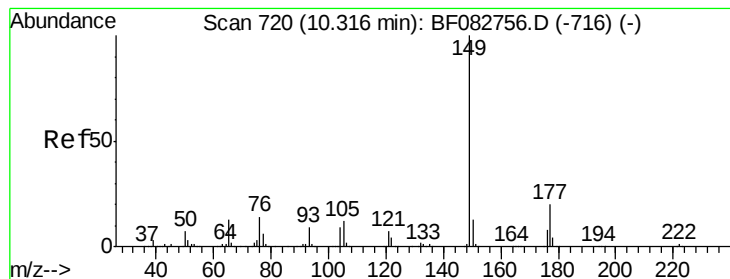
Abundance Ion 232.00 (231.70 to 232.70): E

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: 24.81 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

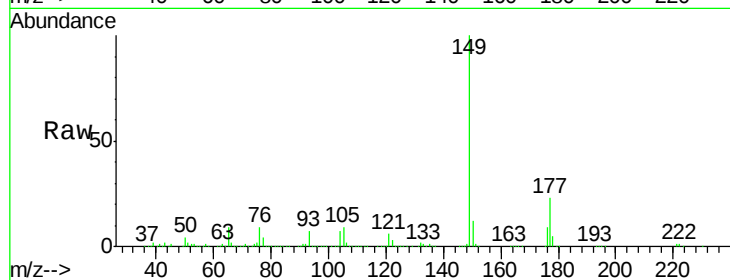
Tgt Ion:149 Resp: 922702

Ion Ratio Lower Upper

149 100

177 23.1 17.9 26.9

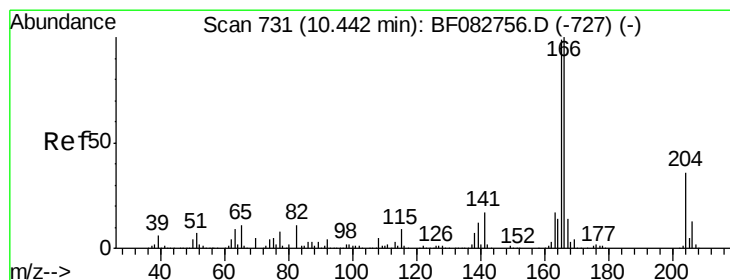
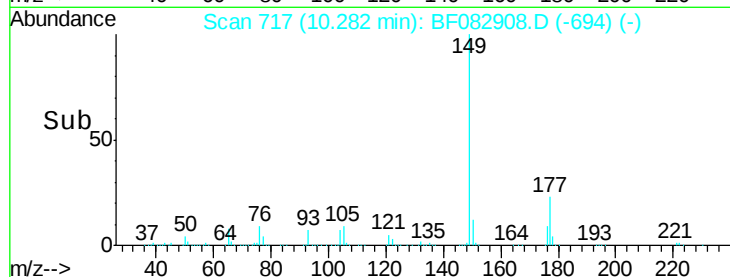
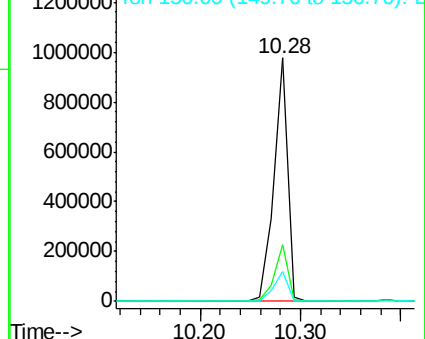
150 12.3 10.1 15.1



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: 20.67 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

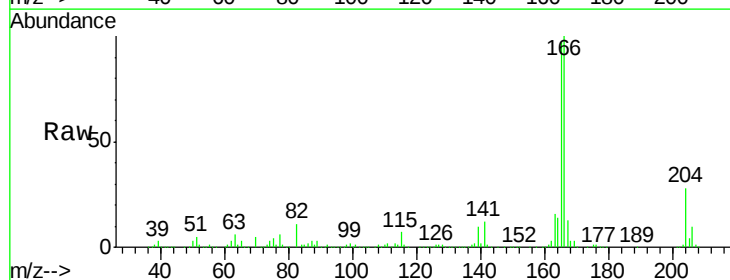
Tgt Ion:204 Resp: 348949

Ion Ratio Lower Upper

204 100

206 35.1 28.5 42.7

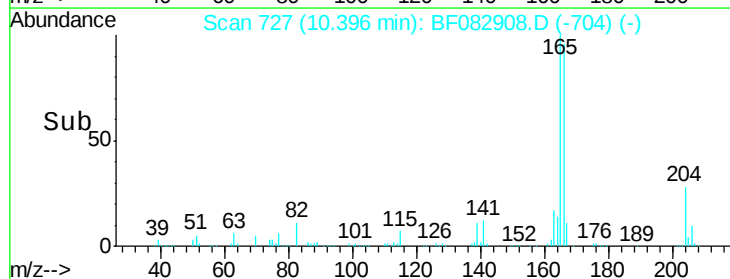
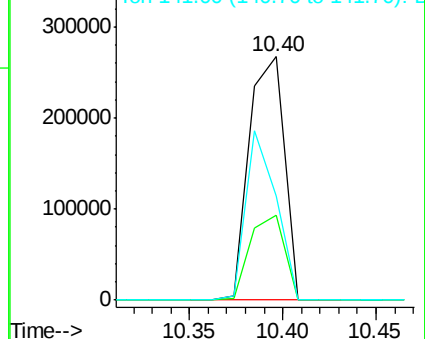
141 42.6 44.6 66.8#

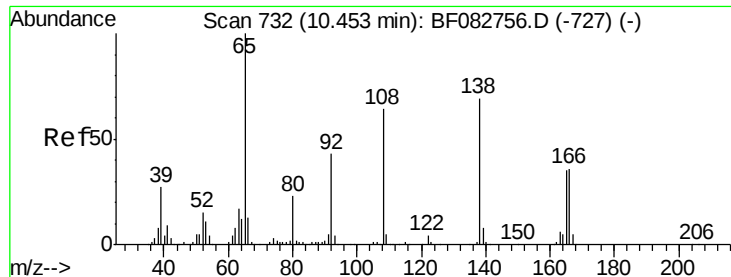


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

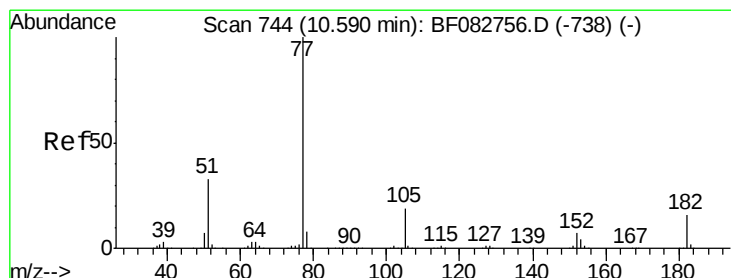
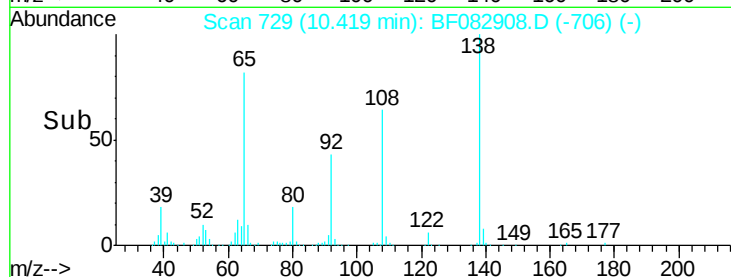
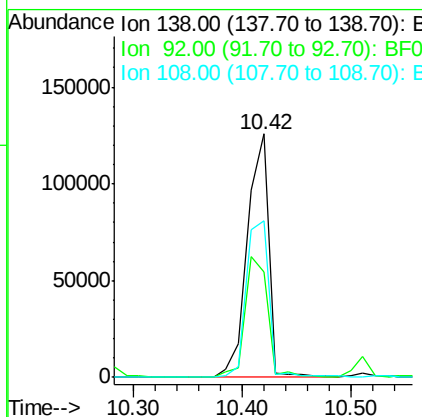
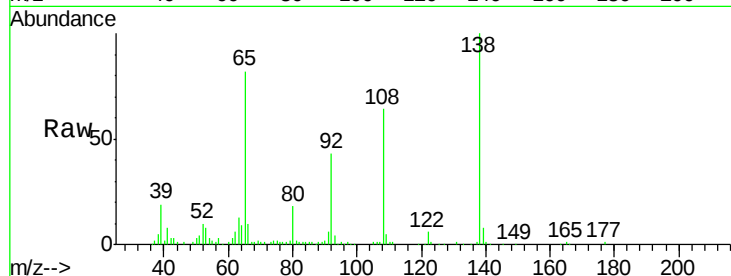




#61
4-Nitroaniline
Concen: 19.13 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.03 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

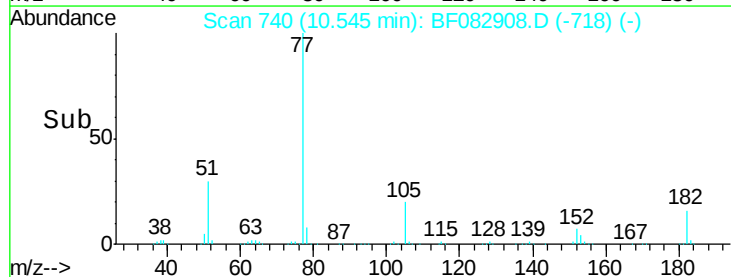
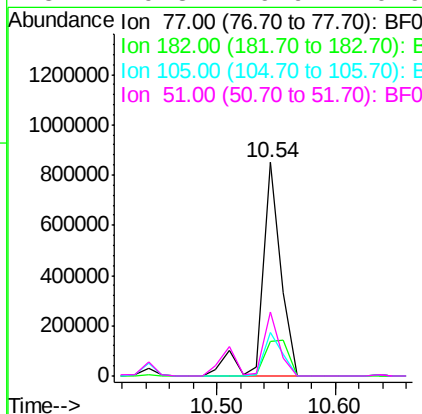
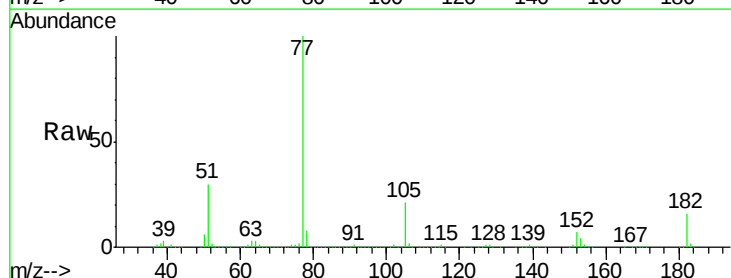
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

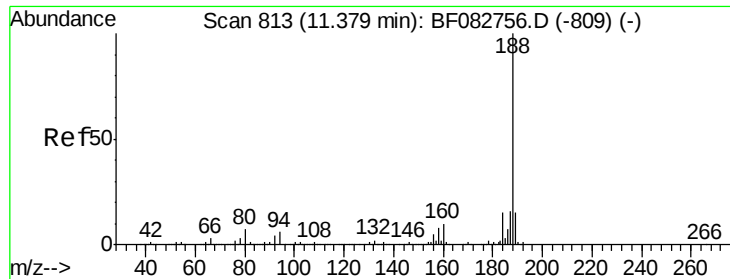
Tgt Ion:138 Resp: 171929
Ion Ratio Lower Upper
138 100
92 43.4 45.8 85.8#
108 64.1 89.4 129.4#



#62
Azobenzene
Concen: 23.14 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion: 77 Resp: 924305
Ion Ratio Lower Upper
77 100
182 16.0 9.3 49.3
105 20.6 2.6 42.6
51 29.8 9.9 49.9

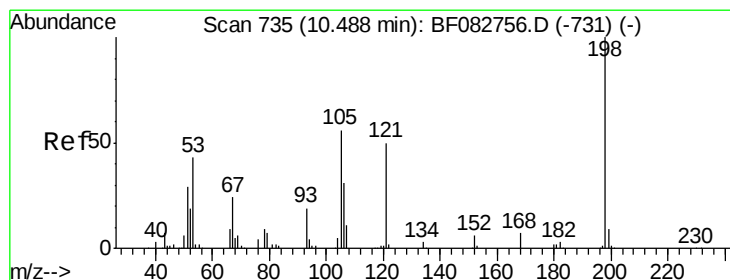
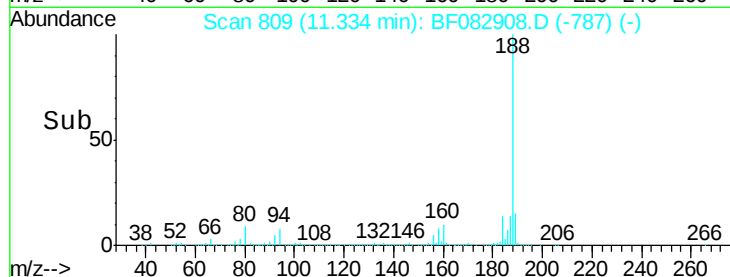
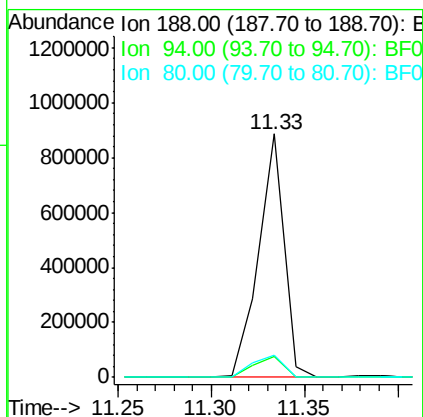
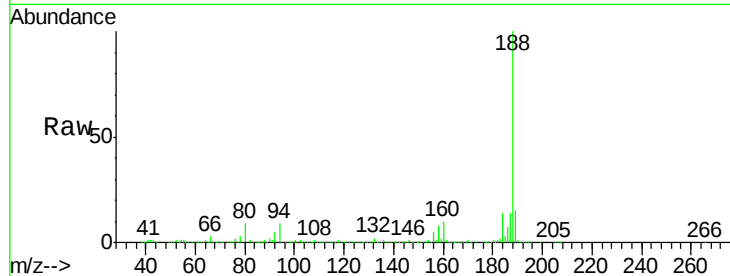




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

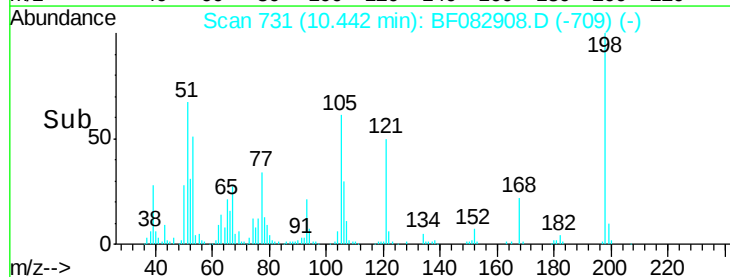
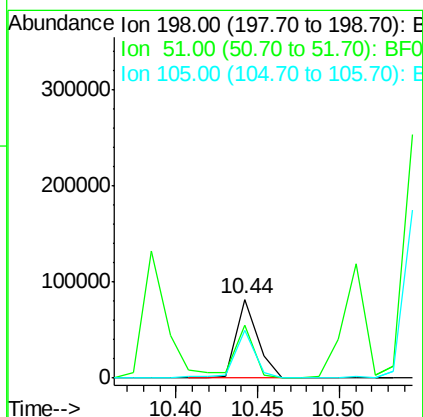
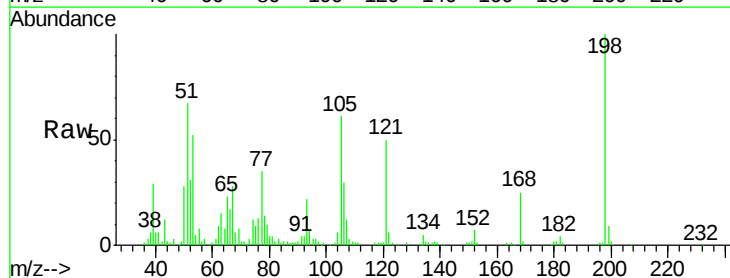
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

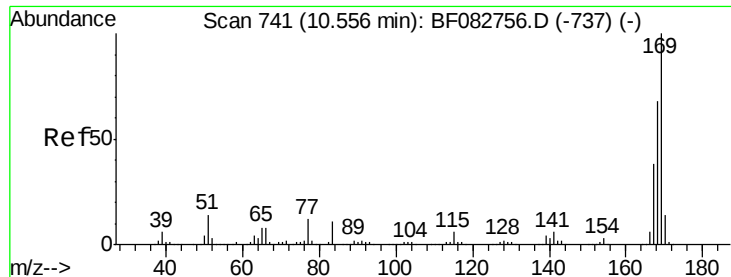
Tgt Ion:188 Resp: 834319
Ion Ratio Lower Upper
188 100
94 8.5 6.1 9.1
80 9.3 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 12.55 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion:198 Resp: 74595
Ion Ratio Lower Upper
198 100
51 67.3 17.3 57.3#
105 61.3 21.7 61.7

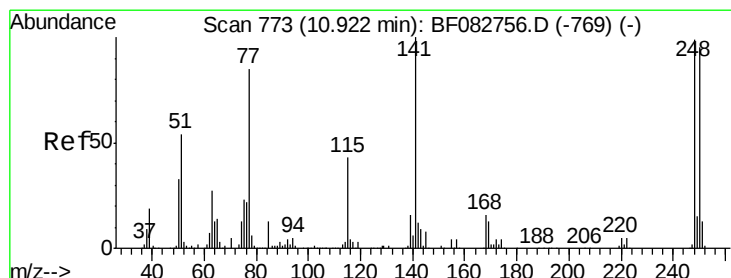
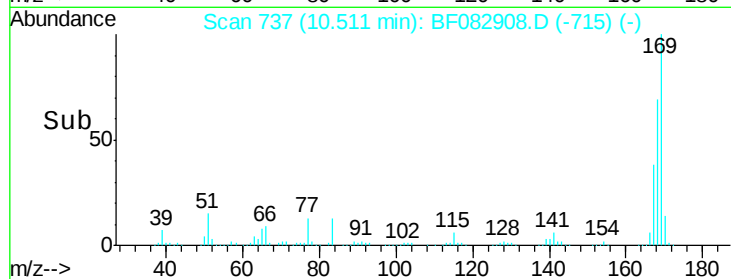
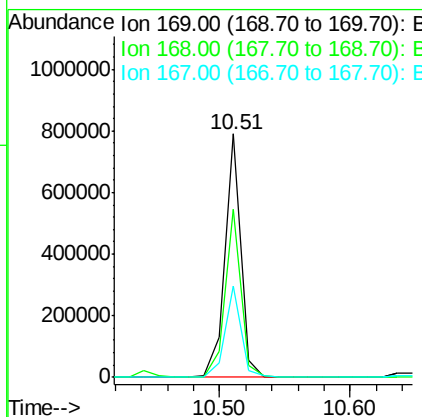
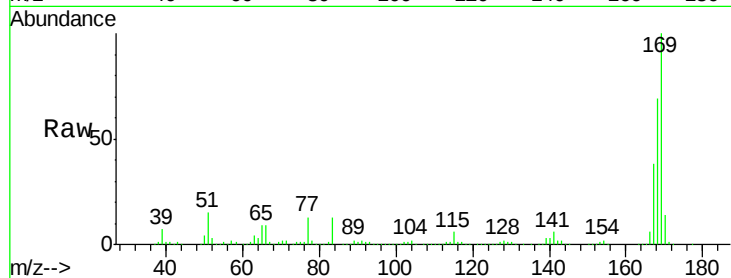




#65
 n-Nitrosodiphenylamine
 Concen: 22.44 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

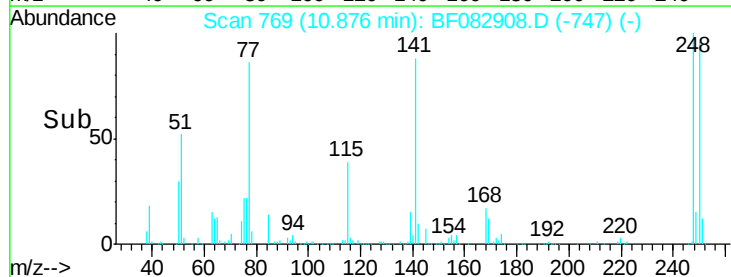
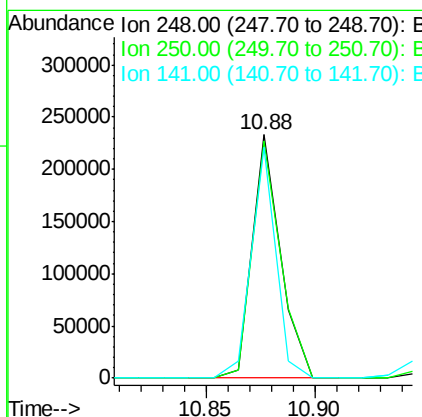
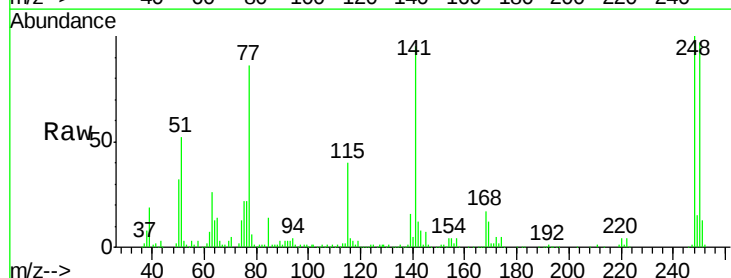
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

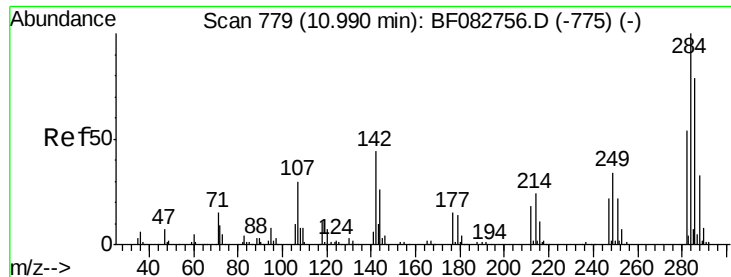
Tgt Ion:169 Resp: 676491
 Ion Ratio Lower Upper
 169 100
 168 69.1 55.0 82.6
 167 37.7 30.5 45.7



#66
 4-Bromophenyl-phenylether
 Concen: 20.95 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion:248 Resp: 210498
 Ion Ratio Lower Upper
 248 100
 250 97.2 79.4 119.2
 141 95.0 36.3 54.5#





#67

Hexachlorobenzene

Concen: 19.95 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

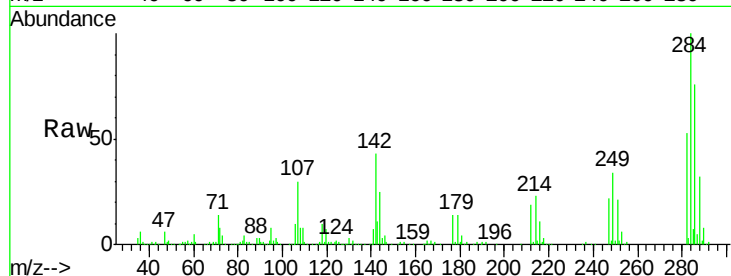
Tgt Ion:284 Resp: 223762

Ion Ratio Lower Upper

284 100

142 43.0 47.9 71.9#

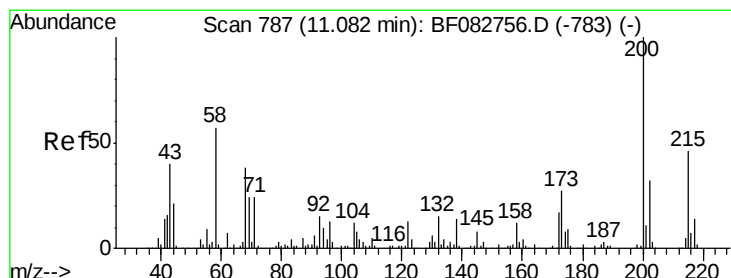
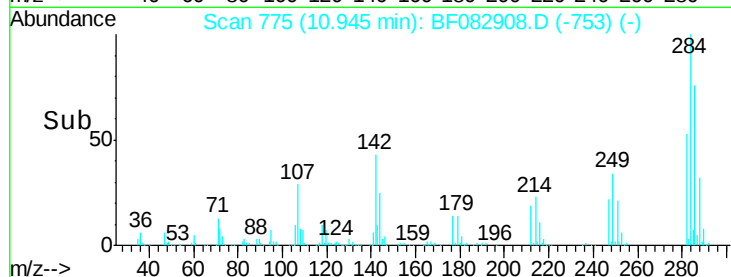
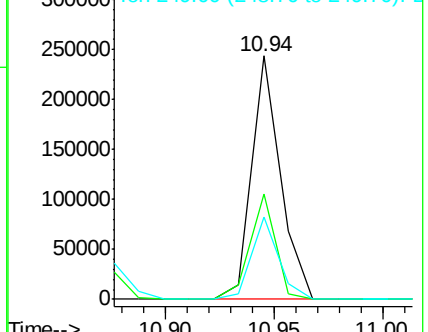
249 33.8 29.7 44.5



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: 25.88 ng

RT: 11.05 min Scan# 784

Delta R.T. -0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

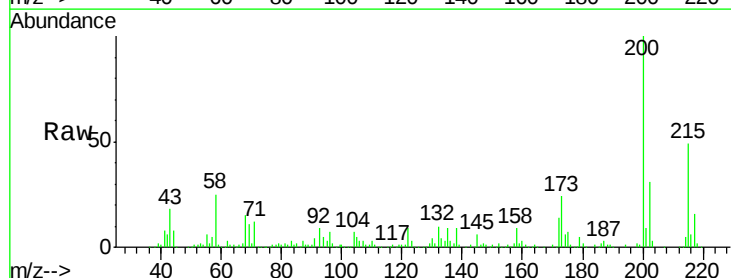
Tgt Ion:200 Resp: 241227

Ion Ratio Lower Upper

200 100

173 23.9 6.9 46.9

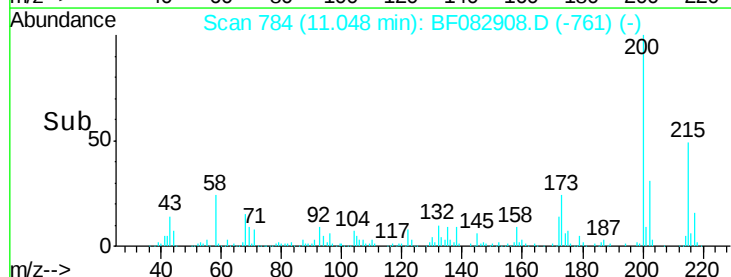
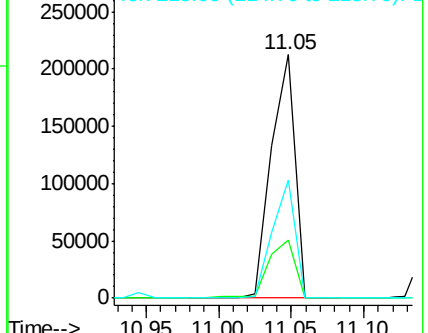
215 48.7 22.9 62.9

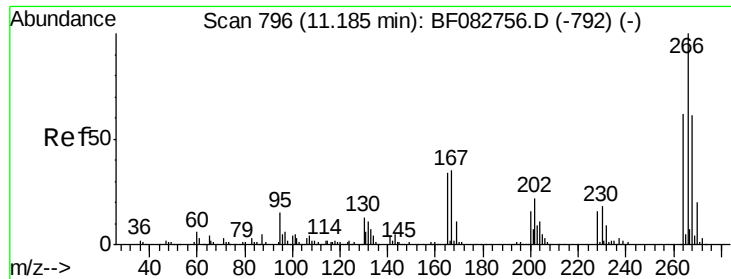


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

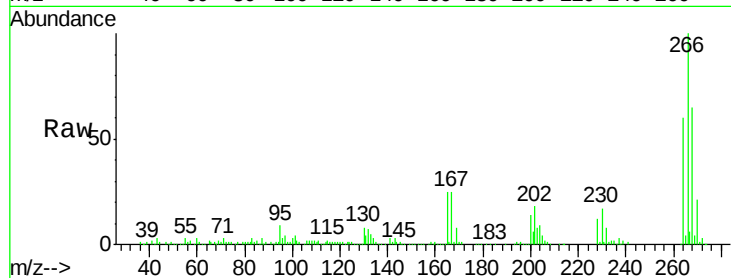




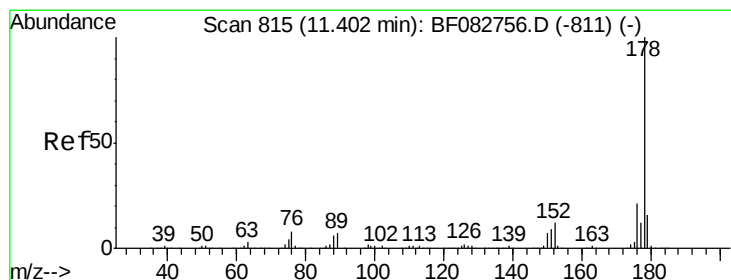
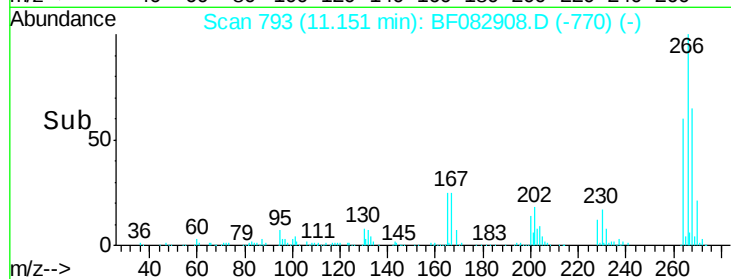
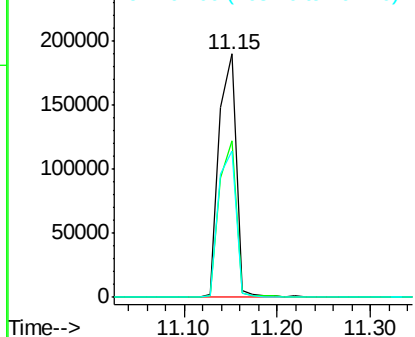
#69
 Pentachlorophenol
 Concen: 35.72 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

Tgt Ion:266 Resp: 243321
 Ion Ratio Lower Upper
 266 100
 268 64.5 51.0 76.6
 264 60.2 50.6 75.8

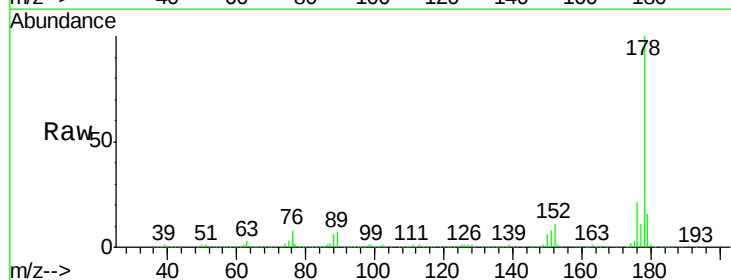


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

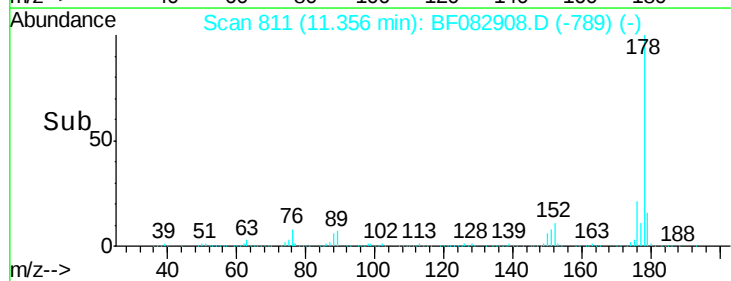
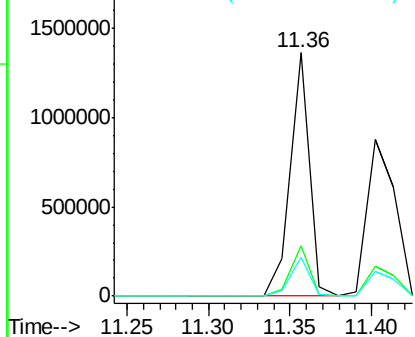


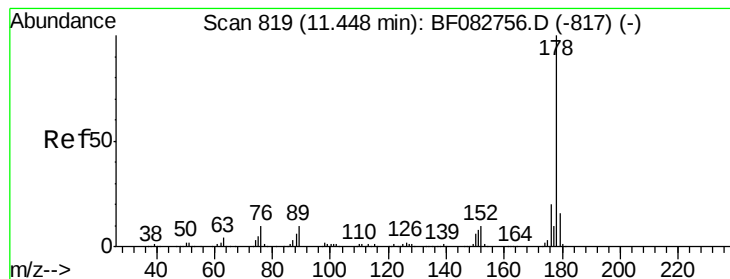
#70
 Phenanthrene
 Concen: 23.07 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion:178 Resp: 1117996
 Ion Ratio Lower Upper
 178 100
 176 20.5 17.0 25.4
 179 16.0 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: 20.52 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

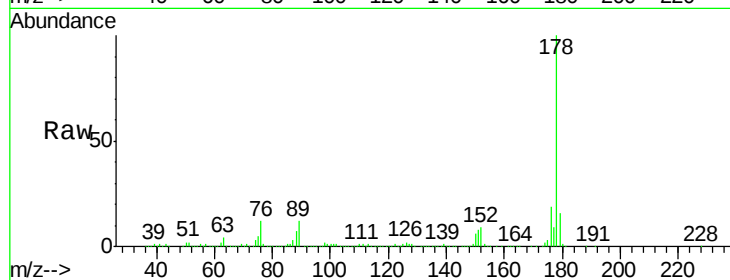
Tgt Ion:178 Resp: 1047420

Ion Ratio Lower Upper

178 100

176 18.9 16.5 24.7

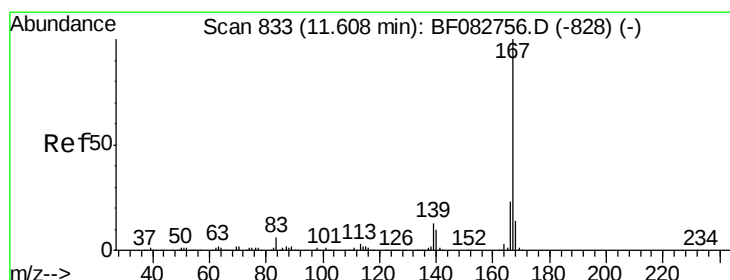
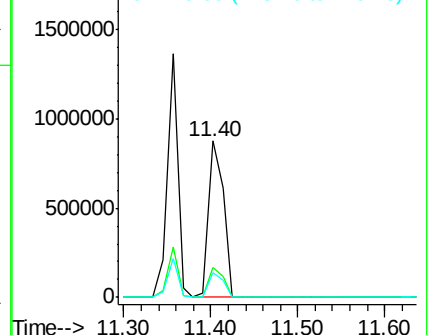
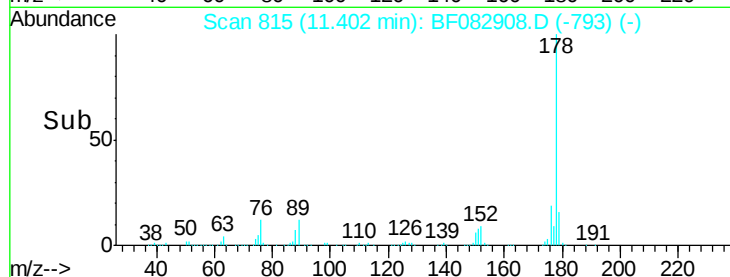
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 20.04 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

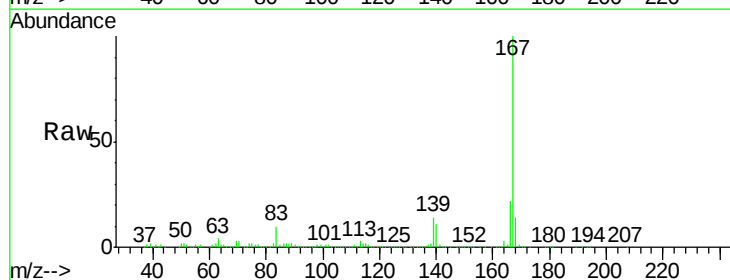
Tgt Ion:167 Resp: 895123

Ion Ratio Lower Upper

167 100

166 22.2 18.7 28.1

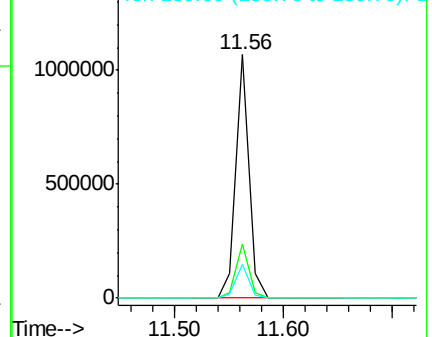
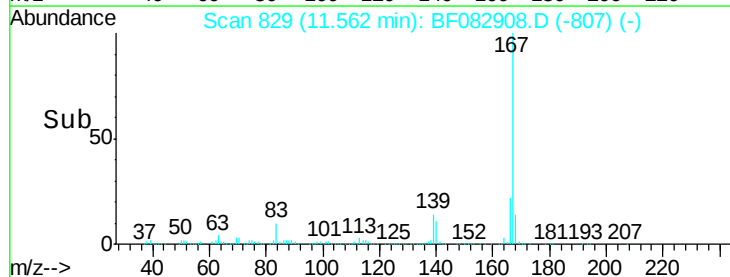
139 13.9 11.8 17.6

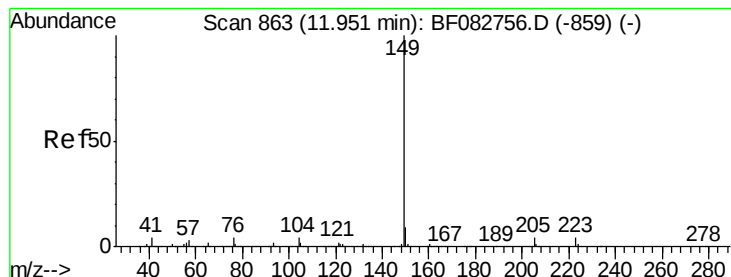


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 23.10 ng

RT: 11.91 min Scan# 859

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

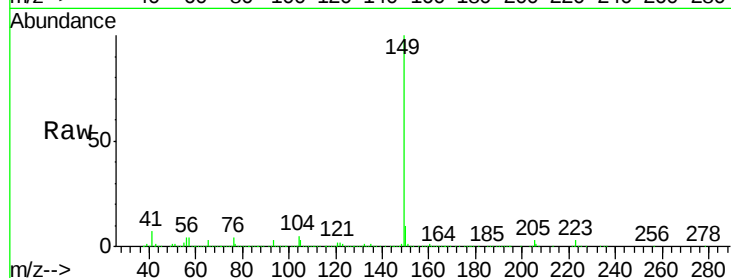
Tgt Ion:149 Resp: 1285748

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

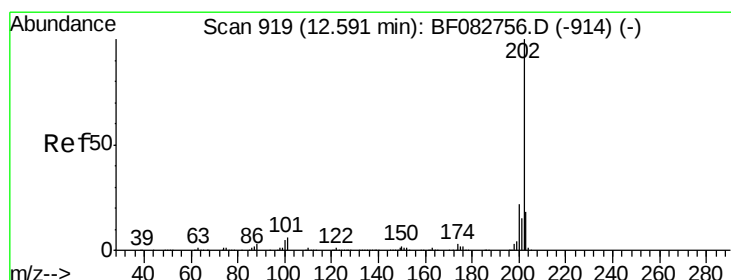
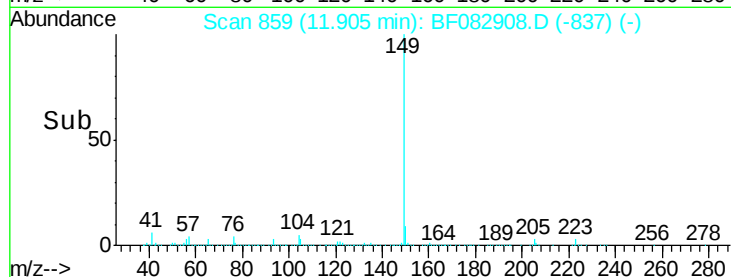
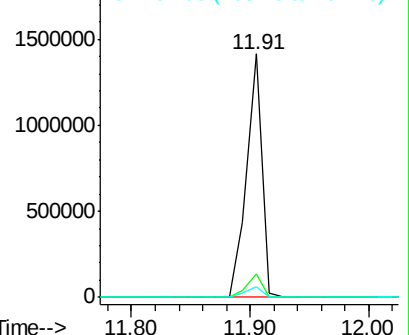
104 4.6 5.2 7.8#



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: 18.83 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

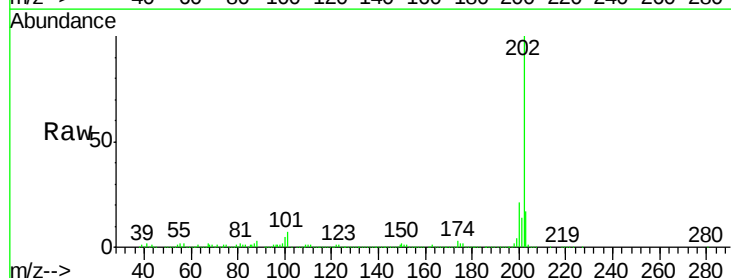
Tgt Ion:202 Resp: 979276

Ion Ratio Lower Upper

202 100

101 7.3 0.0 30.5

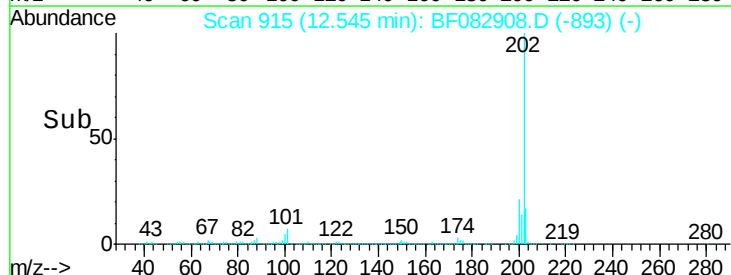
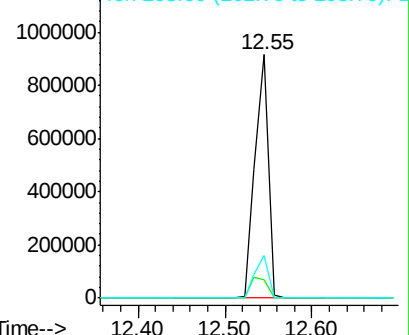
203 17.3 0.0 38.5

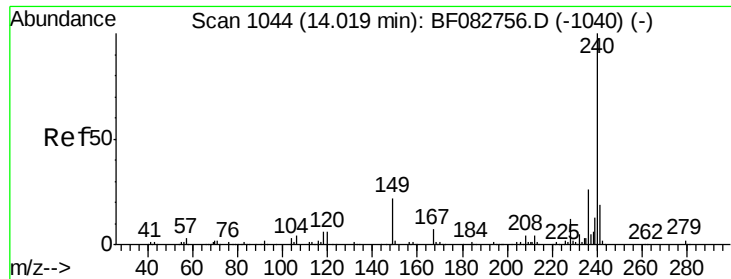


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

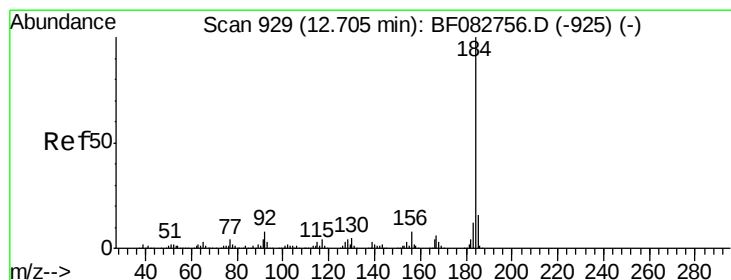
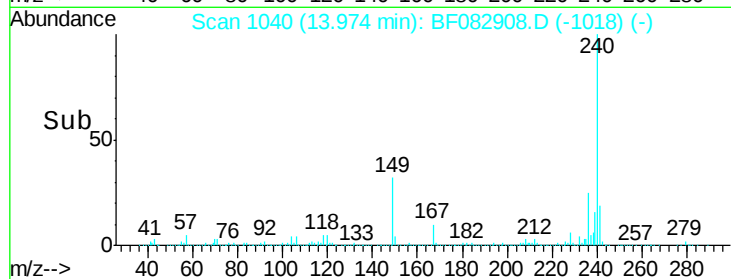
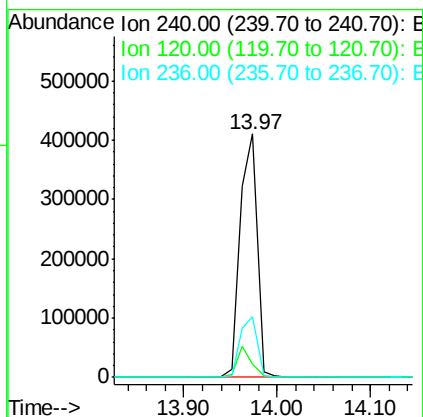
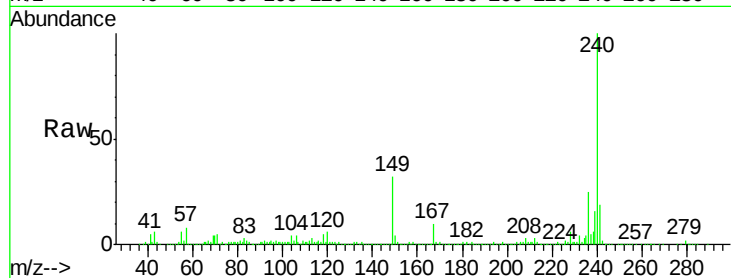




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

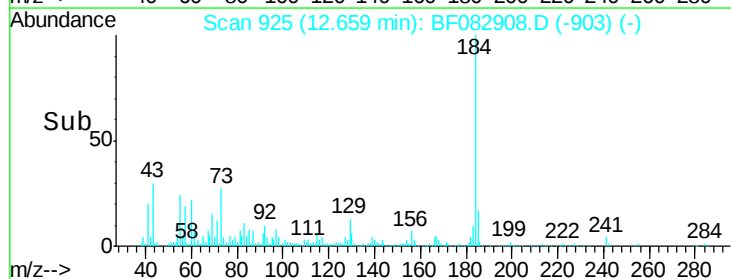
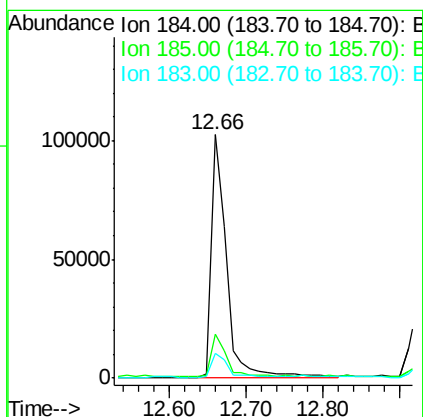
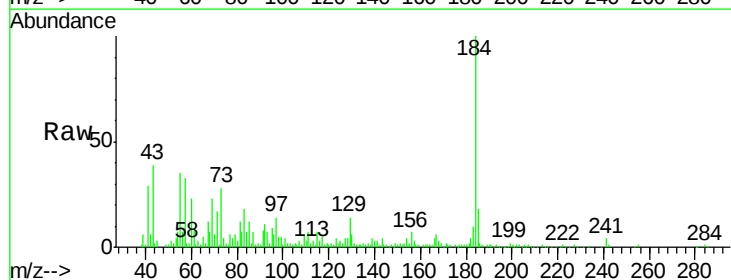
Instrument :
BNA_F
ClientSampleId :
P001-TS003-02MS

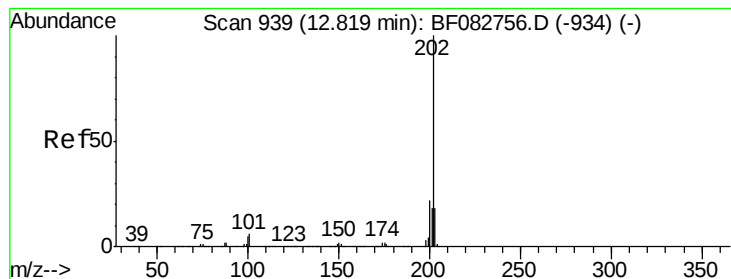
Tgt Ion:240 Resp: 524344
Ion Ratio Lower Upper
240 100
120 5.6 10.9 16.3#
236 25.1 21.6 32.4



#76
Benzidine
Concen: 8.05 ng
RT: 12.66 min Scan# 925
Delta R.T. -0.05 min
Lab File: BF082908.D
Acq: 13 Nov 2015 20:27

Tgt Ion:184 Resp: 141547
Ion Ratio Lower Upper
184 100
185 18.1 12.0 18.0#
183 10.4 9.6 14.4





#77

Pyrene

Concen: 25.56 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

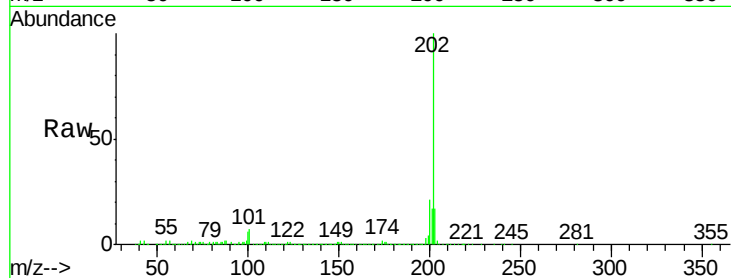
Tgt Ion: 202 Resp: 920393

Ion Ratio Lower Upper

202 100

200 21.4 18.7 28.1

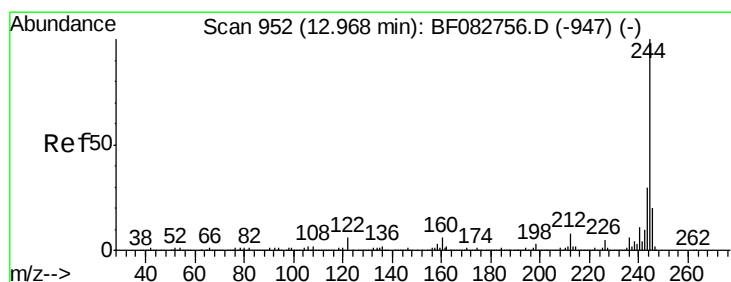
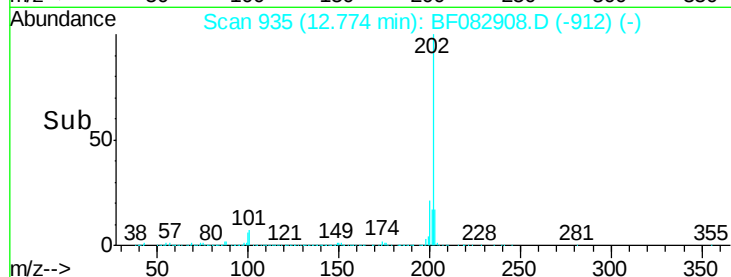
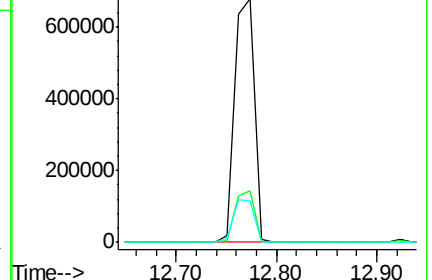
203 17.3 14.8 22.2



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: 84.54 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

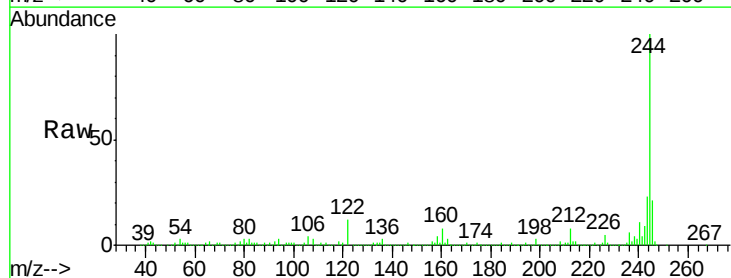
Tgt Ion: 244 Resp: 1868879

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

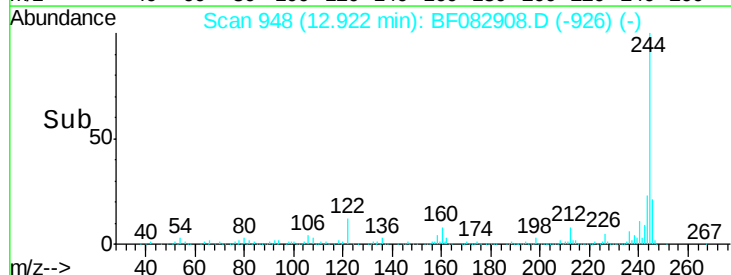
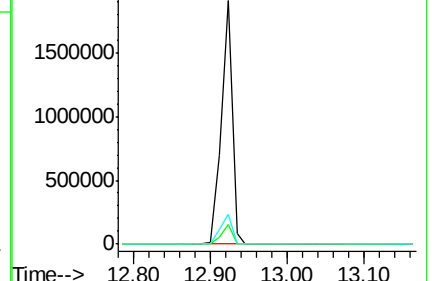
122 12.2 11.3 16.9

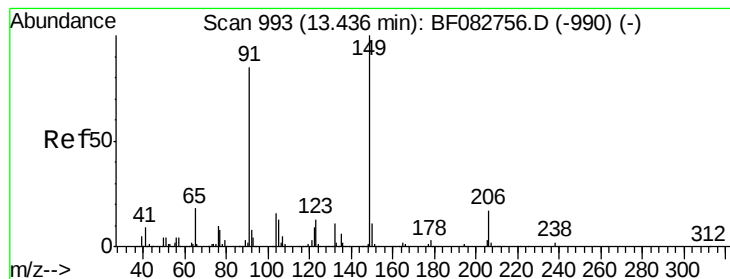


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 25.53 ng

RT: 13.40 min Scan# 990

Delta R.T. -0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

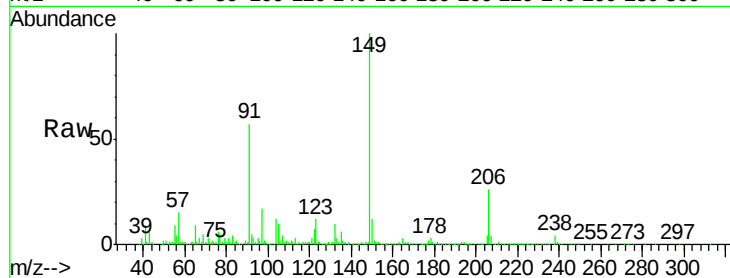
Tgt Ion:149 Resp: 406074

Ion Ratio Lower Upper

149 100

91 56.8 67.7 101.5#

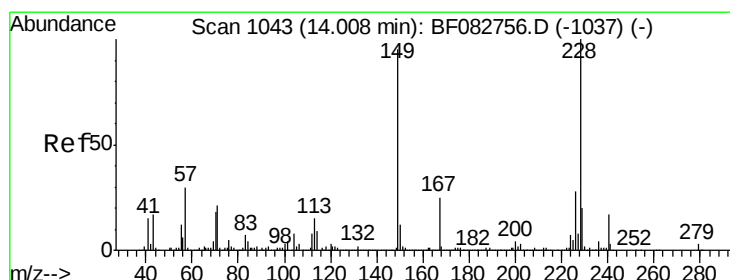
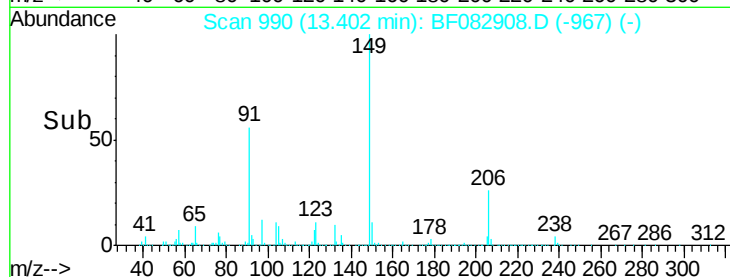
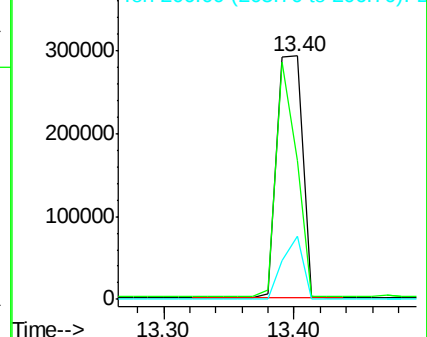
206 26.2 14.6 22.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 23.17 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

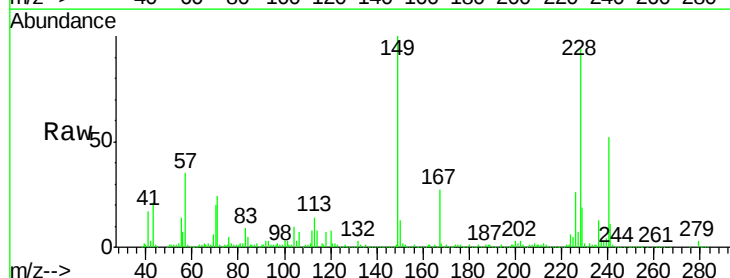
Tgt Ion:228 Resp: 759781

Ion Ratio Lower Upper

228 100

226 27.3 23.4 35.2

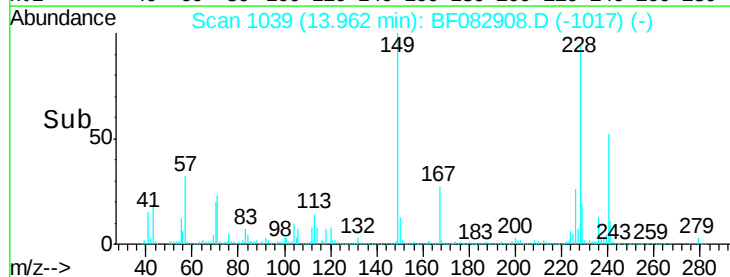
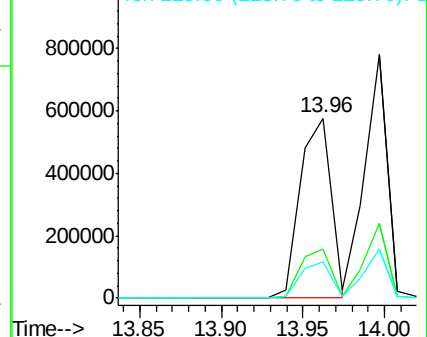
229 19.9 16.3 24.5

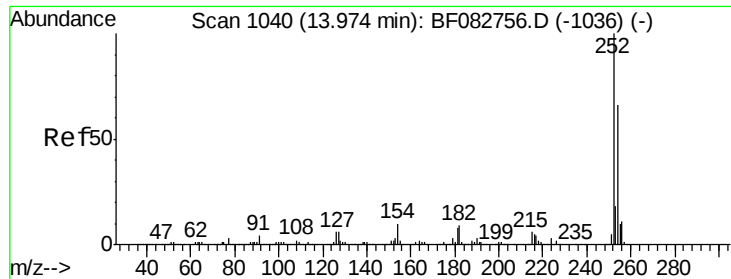


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

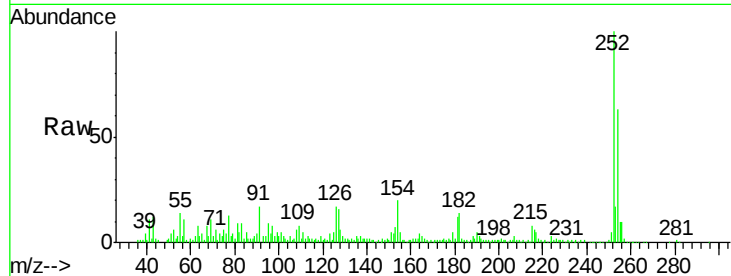




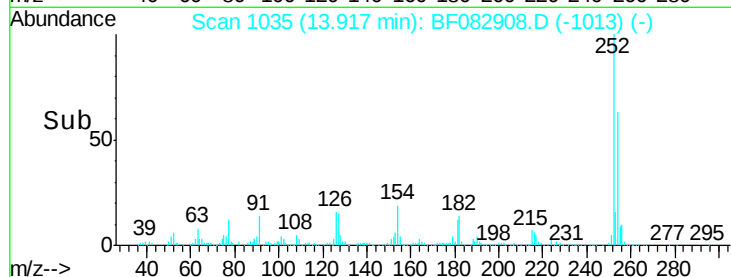
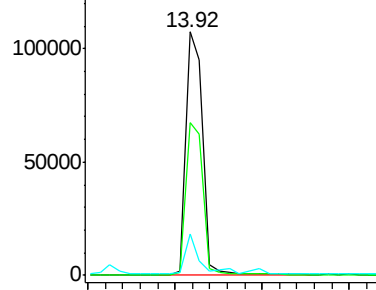
#81
 3,3'-Dichlorobenzidine
 Concen: 12.82 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

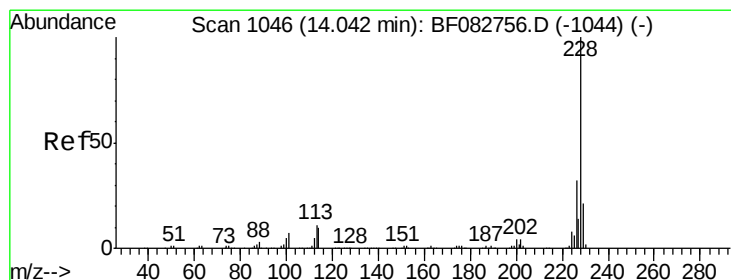
Tgt Ion:252 Resp: 149403
 Ion Ratio Lower Upper
 252 100
 254 62.7 51.4 77.0
 126 16.9 10.7 16.1#



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

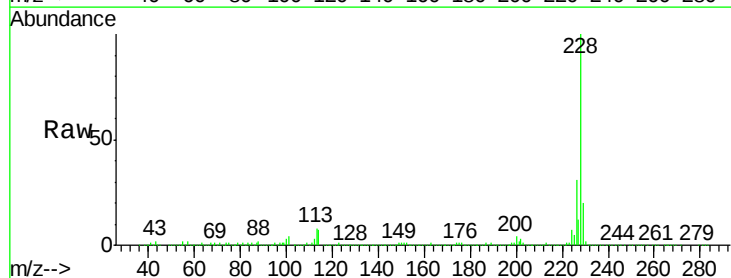


Time--> 13.80 13.90 14.00 14.10

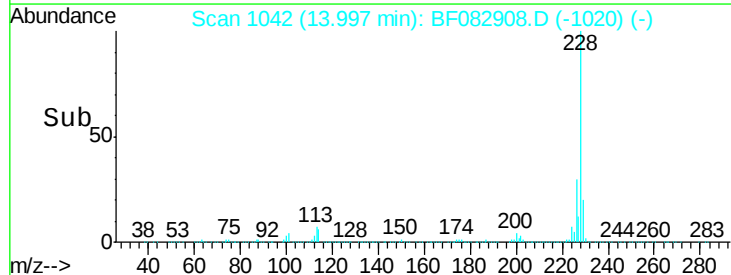
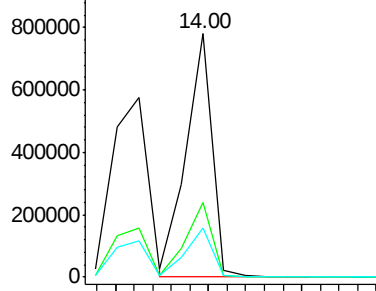


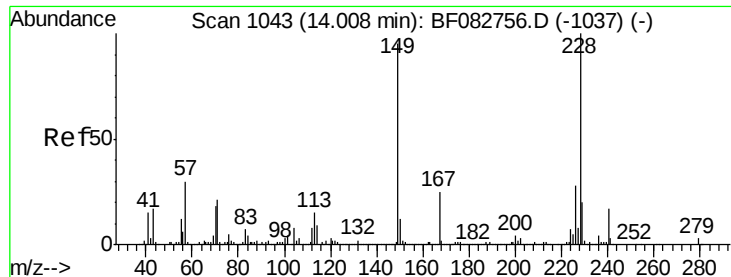
#82
 Chrysene
 Concen: 25.14 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion:228 Resp: 755012
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.5 38.3
 229 20.0 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

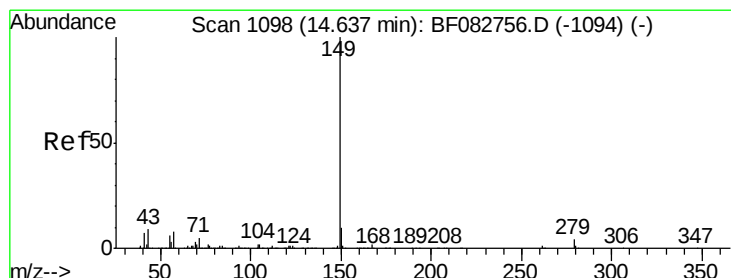
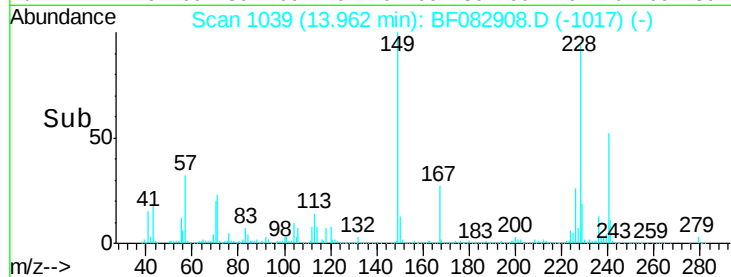
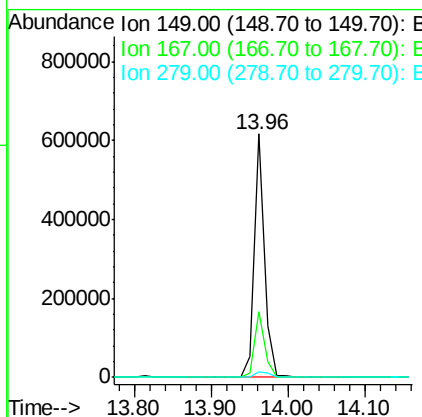
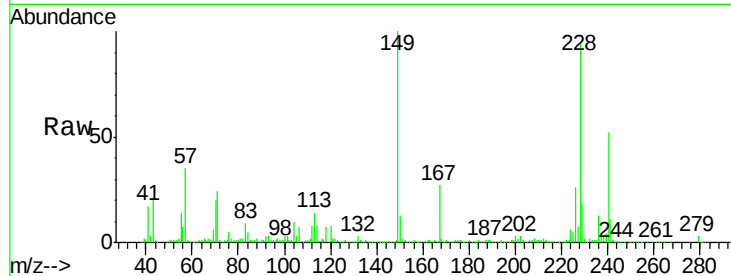




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.38 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

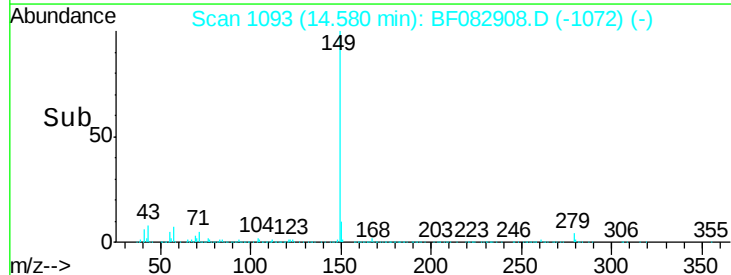
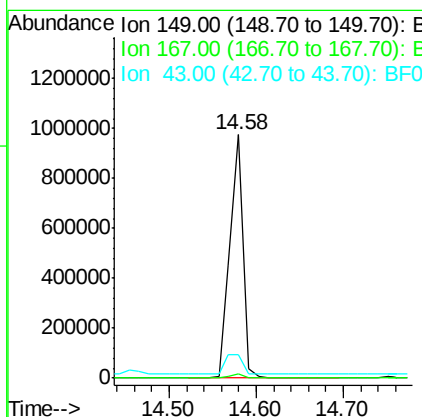
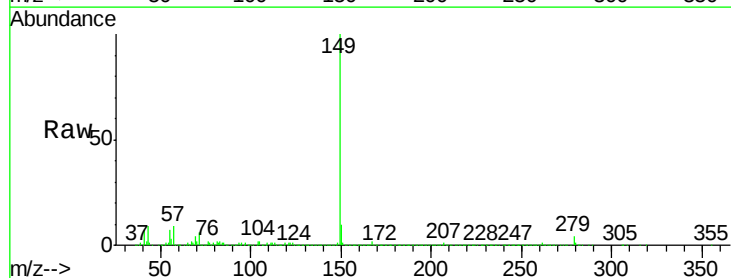
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

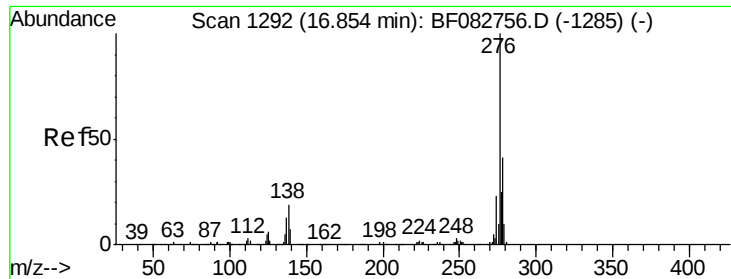
Tgt Ion:149 Resp: 552635
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.2 31.8
 279 2.5 2.2 3.2



#84
 Di-n-octyl phthalate
 Concen: 27.75 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.06 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion:149 Resp: 1007940
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.0 10.1 15.1

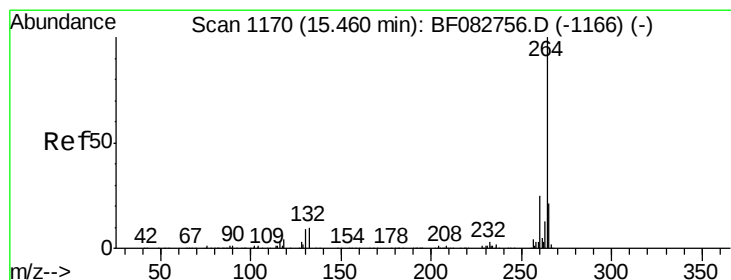
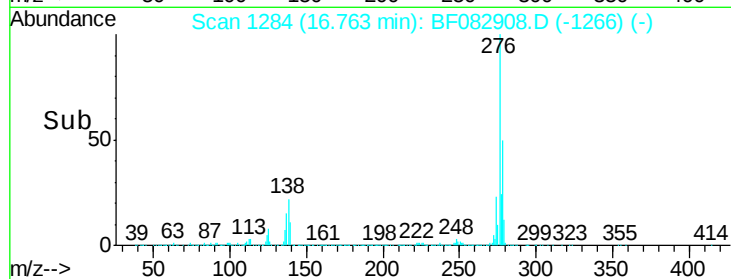
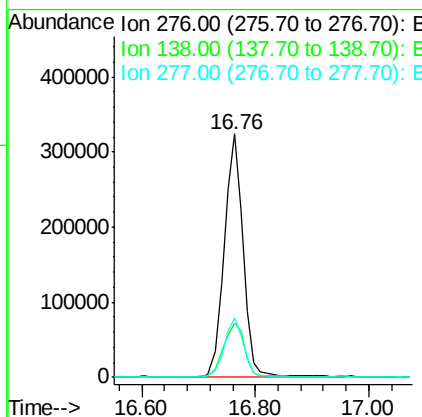
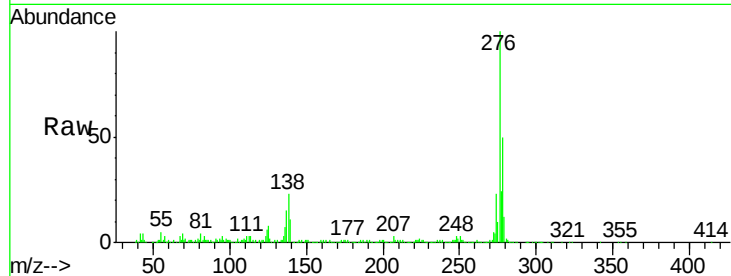




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.33 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. -0.09 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

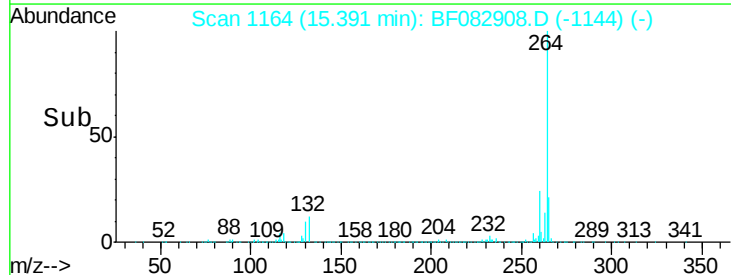
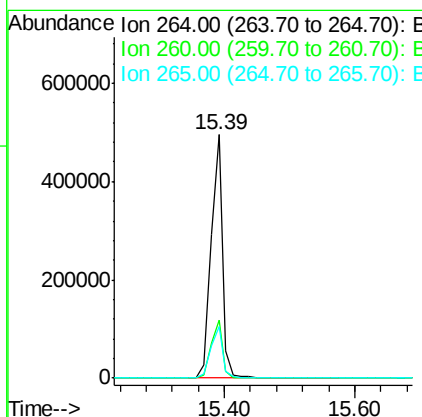
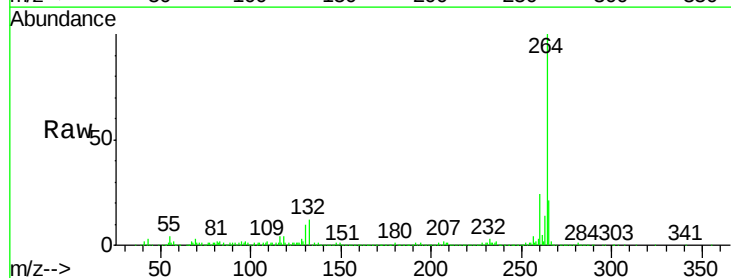
Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

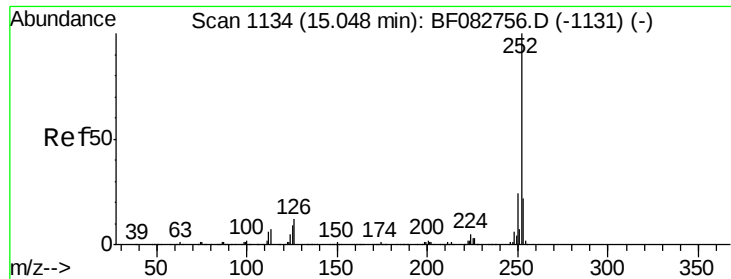
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	15.3	22.9#
277	25.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.07 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	21.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 38.08 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.03 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

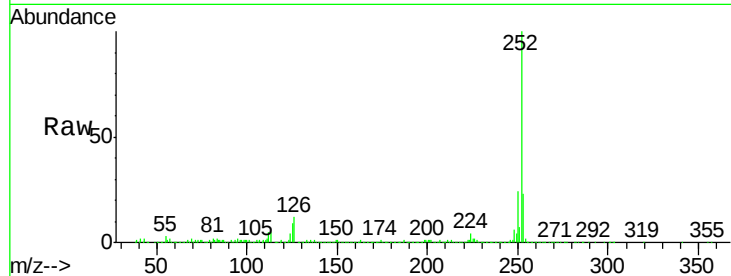
Tgt Ion:252 Resp: 1492245

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

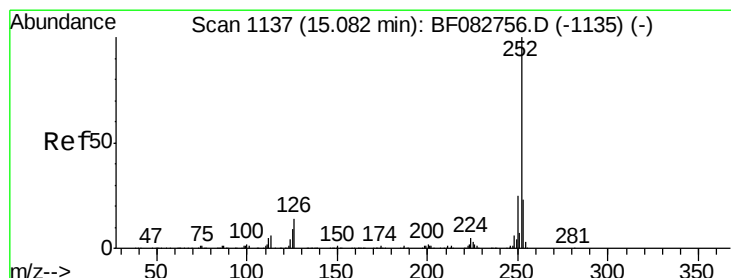
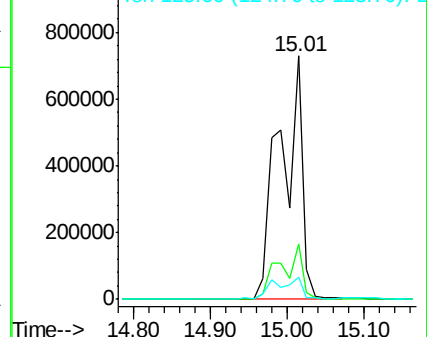
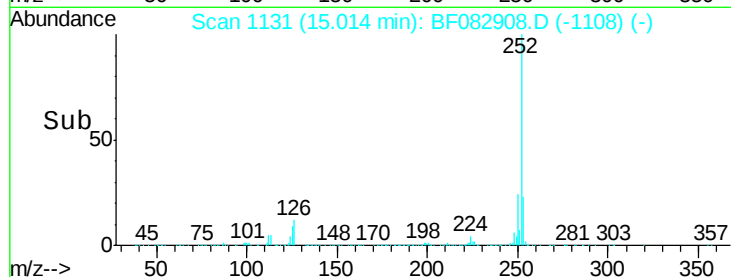
125 8.9 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.93 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.07 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

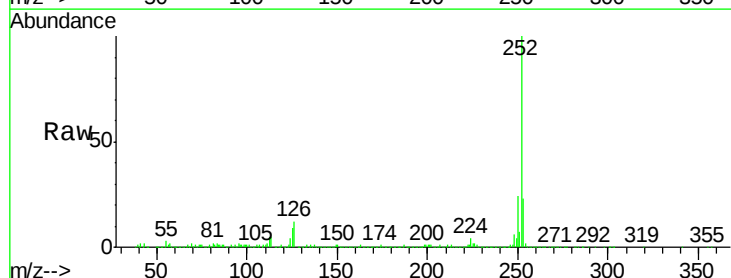
Tgt Ion:252 Resp: 1492245

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

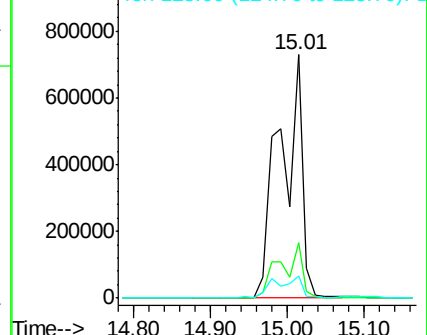
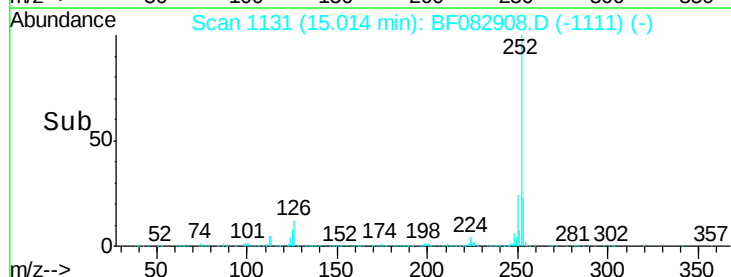
125 8.9 3.5 5.3#

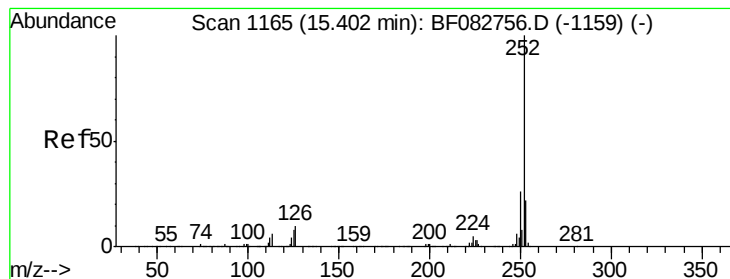


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 21.96 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.07 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

Instrument :

BNA_F

ClientSampleId :

P001-TS003-02MS

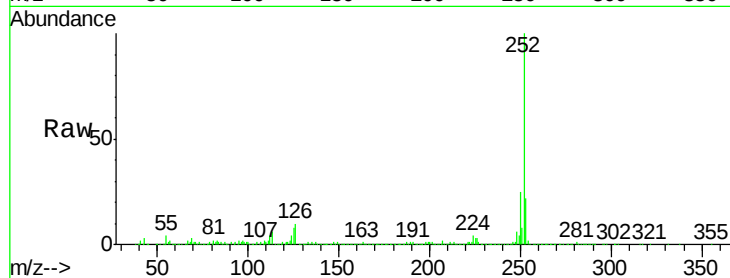
Tgt Ion:252 Resp: 745606

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

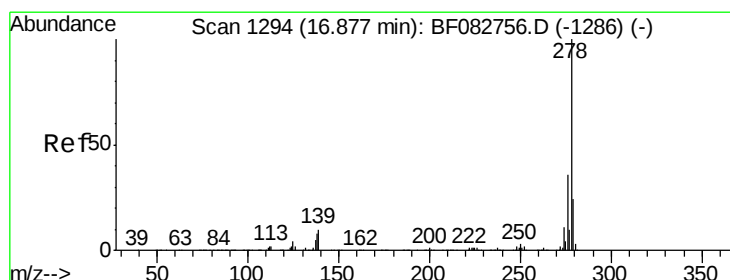
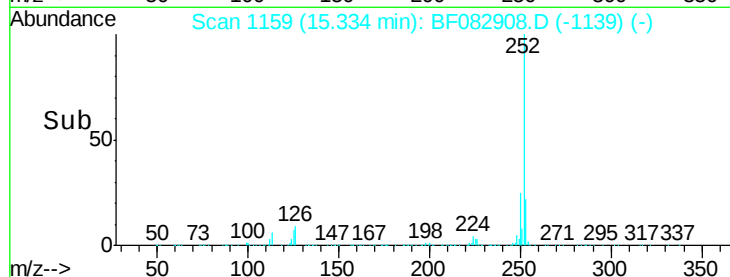
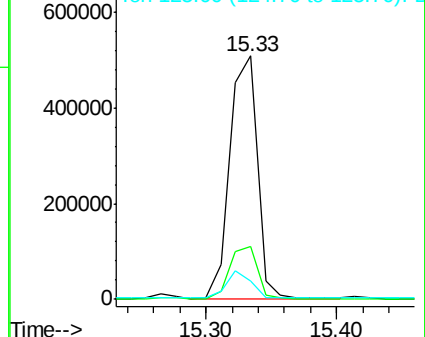
125 7.6 7.1 10.7



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: 21.76 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.09 min

Lab File: BF082908.D

Acq: 13 Nov 2015 20:27

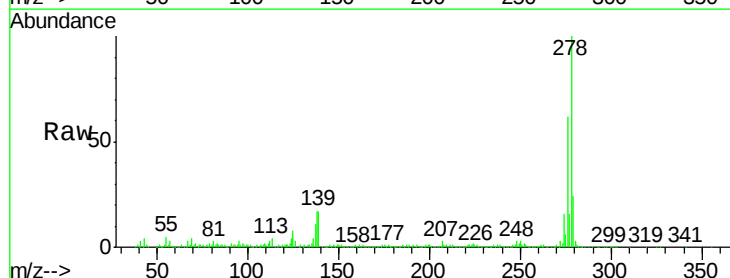
Tgt Ion:278 Resp: 625689

Ion Ratio Lower Upper

278 100

139 17.0 9.9 14.9#

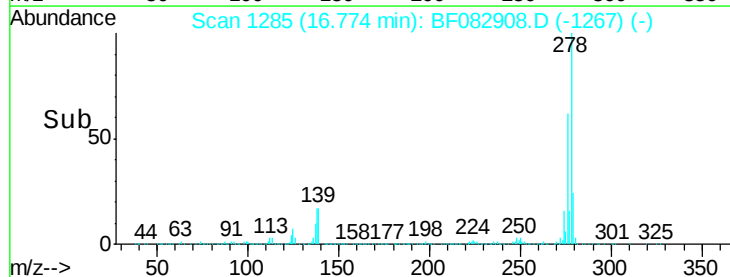
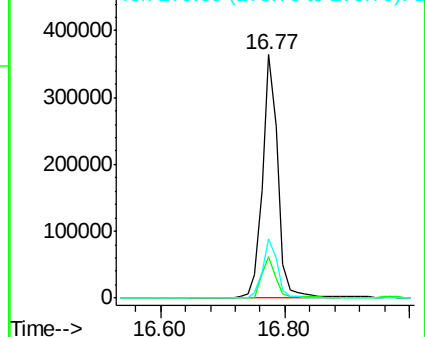
279 24.1 19.6 29.4

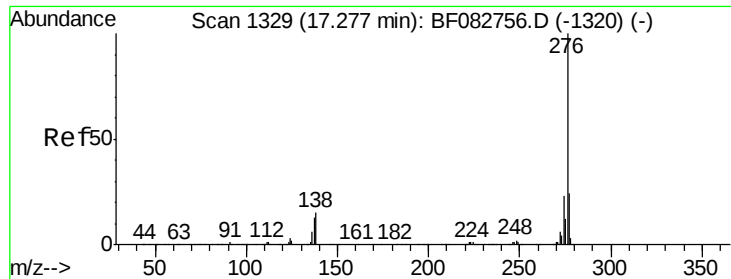


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

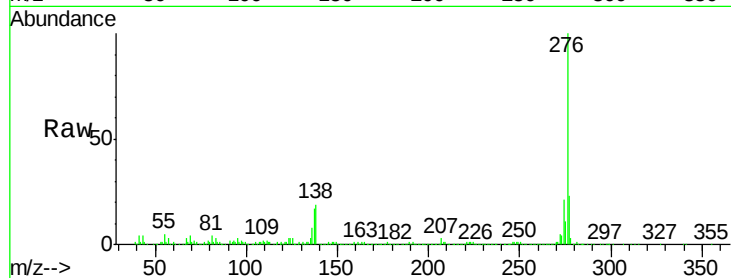




#91
 Benzo(g,h,i)perylene
 Concen: 21.66 ng
 RT: 17.17 min Scan# 1320
 Delta R.T. -0.09 min
 Lab File: BF082908.D
 Acq: 13 Nov 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 P001-TS003-02MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	19.3	13.1	19.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

