

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091554.D
 Acq On : 13 Dec 2016 15:22
 Operator : UM/SJ
 Sample : H5940-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

Quant Time: Dec 14 00:18:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	312288	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1234546	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	618287	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	945139	20.00	ng	0.00
75) Chrysene-d12	13.96	240	552526	20.00	ng	0.00
86) Perylene-d12	15.38	264	608635	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	2424787	130.81	ng	0.02
7) Phenol-d6	6.46	99	2797551	121.06	ng	0.01
23) Nitrobenzene-d5	7.38	82	1996525	90.26	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	649803	126.53	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	2769266	77.39	ng	0.00
78) Terphenyl-d14	12.92	244	2155659	88.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	365562	37.37	ng	# 86
3) Pyridine	3.16	79	987412	37.88	ng	# 80
4) n-Nitrosodimethylamine	3.12	42	486981	43.49	ng	# 64
6) Aniline	6.48	93	385832	12.73	ng	# 1
8) 2-Chlorophenol	6.60	128	873639	41.76	ng	91
9) Benzaldehyde	6.35	77	186476	11.73	ng	94
10) Phenol	6.48	94	1200524	44.43	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	931061	45.87	ng	87
12) 1,3-Dichlorobenzene	6.99	146	915802	40.36	ng	97
13) 1,4-Dichlorobenzene	6.83	146	939735	41.99	ng	97
14) 1,2-Dichlorobenzene	6.99	146	916698	45.46	ng	94
15) Benzyl Alcohol	6.97	79	806349	44.19	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1396358	44.39	ng	82
17) 2-Methylphenol	7.08	107	751980	43.44	ng	# 76
18) Hexachloroethane	7.33	117	377534	43.23	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	698114	48.31	ng	# 75
20) 3+4-Methylphenols	7.24	107	900783	48.42	ng	86
22) Acetophenone	7.23	105	1323216	44.74	ng	# 97
24) Nitrobenzene	7.40	77	1077464	46.10	ng	# 86
25) Isophorone	7.64	82	1802195	45.83	ng	99
26) 2-Nitrophenol	7.72	139	531460	51.53	ng	# 70
27) 2,4-Dimethylphenol	7.77	122	887631	49.00	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	1220715	52.93	ng	98
29) 2,4-Dichlorophenol	7.96	162	702636	44.58	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	776502	43.35	ng	99
31) Naphthalene	8.12	128	2370783	41.27	ng	99
32) Benzoic acid	7.84	122	76203	10.16	ng	94
33) 4-Chloroaniline	8.17	127	135025	5.46	ng	98
34) Hexachlorobutadiene	8.25	225	448933	43.72	ng	98
35) Caprolactam	8.54	113	160864	34.95	ng	# 54
36) 4-Chloro-3-methylphenol	8.67	107	851939	48.19	ng	95
37) 2-Methylnaphthalene	8.82	142	1687600	45.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	634356	37.41	ng	98
40) Hexachlorocyclopentadiene	8.97	237	623123	82.42	ng	99

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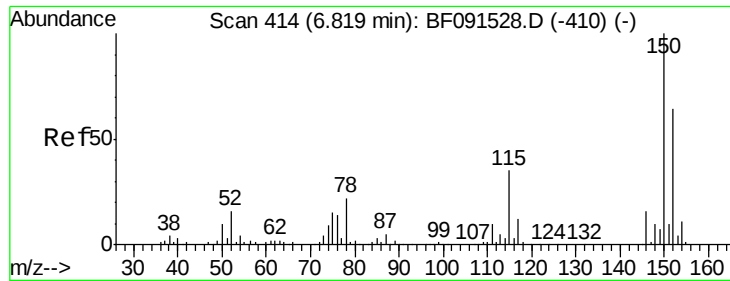
Instrument :
 BNA_F
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Quant Time: Dec 14 00:18:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.09	196	473913	43.49	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	462567	41.31	ng	# 84
45) 1,1'-Biphenyl	9.28	154	1828329	40.83	ng	99
46) 2-Chloronaphthalene	9.30	162	1384177	39.91	ng	98
47) 2-Nitroaniline	9.40	65	548131	47.00	ng	93
48) Acenaphthylene	9.72	152	2296345	43.44	ng	99
49) Dimethylphthalate	9.58	163	2491522	63.64	ng	97
50) 2,6-Dinitrotoluene	9.64	165	372126	43.31	ng	93
51) Acenaphthene	9.89	154	1568590	42.72	ng	97
52) 3-Nitroaniline	9.80	138	174474	17.29	ng	89
53) 2,4-Dinitrophenol	9.92	184	251600	57.23	ng	# 74
54) Dibenzofuran	10.06	168	2080658	45.80	ng	92
55) 4-Nitrophenol	9.98	139	655267	87.25	ng	# 86
56) 2,4-Dinitrotoluene	10.04	165	494720	45.93	ng	# 66
57) Fluorene	10.40	166	1365657	41.71	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.18	232	393952	44.94	ng	92
59) Diethylphthalate	10.28	149	1626499	43.15	ng	96
60) 4-Chlorophenyl-phenylether	10.40	204	688298	42.14	ng	# 86
61) 4-Nitroaniline	10.42	138	358495	35.74	ng	92
62) Azobenzene	10.56	77	1943635	45.50	ng	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	254052	44.49	ng	# 38
65) n-Nitrosodiphenylamine	10.51	169	1278687	45.38	ng	100
66) 4-Bromophenyl-phenylether	10.89	248	455407	47.00	ng	# 78
67) Hexachlorobenzene	10.94	284	421908	41.87	ng	# 73
68) Atrazine	11.05	200	465945	51.43	ng	97
69) Pentachlorophenol	11.14	266	460825	81.27	ng	96
70) Phenanthrene	11.36	178	2014699	43.05	ng	98
71) Anthracene	11.41	178	2297485	45.51	ng	100
72) Carbazole	11.56	167	1789173	40.43	ng	99
73) Di-n-butylphthalate	11.90	149	2457495	47.67	ng	99
74) Fluoranthene	12.55	202	2231675	45.54	ng	100
76) Benzidine	12.66	184	307336	17.99	ng	99
77) Pyrene	12.77	202	2190921	49.98	ng	99
79) Butylbenzylphthalate	13.39	149	866677	50.72	ng	87
80) Benzo(a)anthracene	13.95	228	1435041	44.72	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	274502	23.82	ng	# 96
82) Chrysene	13.99	228	1416825	42.20	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	1067015	48.67	ng	99
84) Di-n-octyl phthalate	14.57	149	1931772	51.91	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.75	276	1703923	56.40	ng	99
87) Benzo(b)fluoranthene	15.00	252	2896655	79.84	ng	99
88) Benzo(k)fluoranthene	15.00	252	2896655	90.80	ng	100
89) Benzo(a)pyrene	15.32	252	1441749	44.11	ng	# 96
90) Dibenzo(a,h)anthracene	16.77	278	1383257	47.24	ng	# 96
91) Benzo(g,h,i)perylene	17.16	276	1478582	49.62	ng	# 95

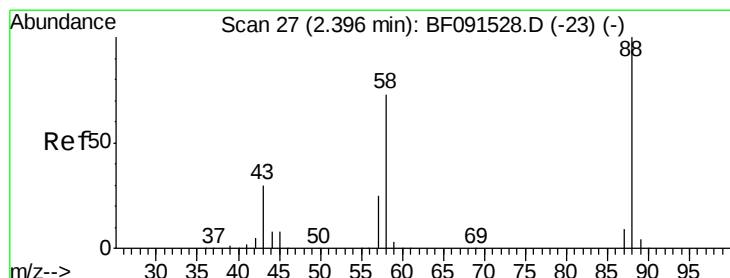
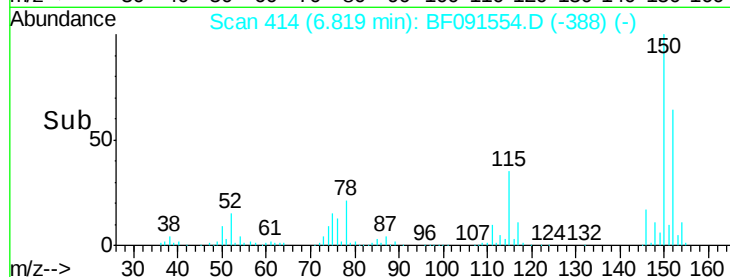
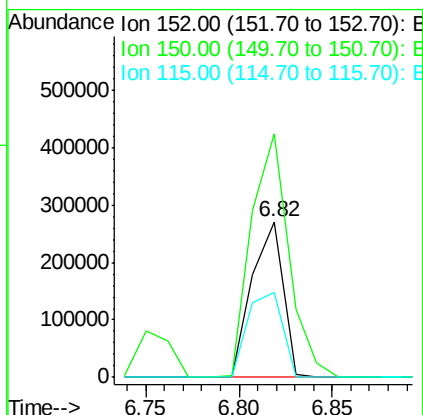
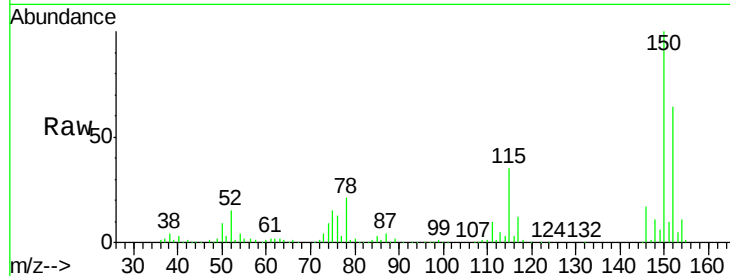
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

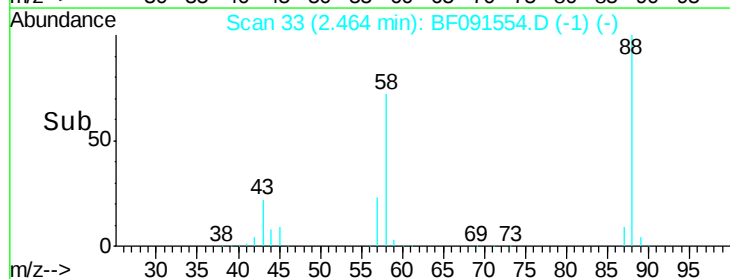
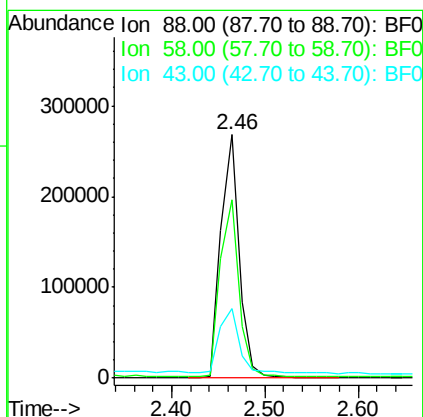
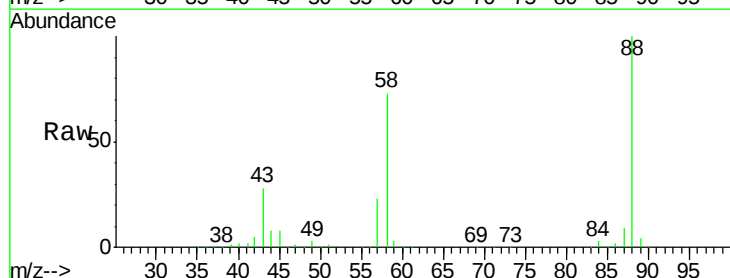
Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

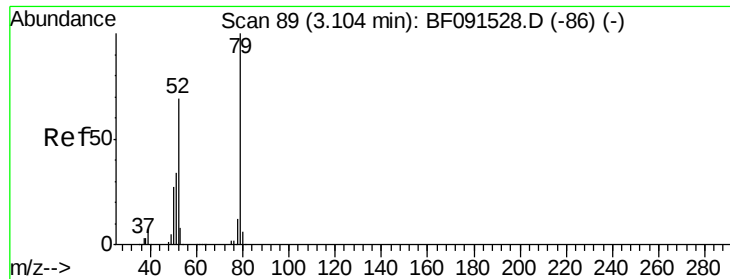
Tgt Ion: 152 Resp: 312288
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.5 183.7
 115 54.5 51.8 77.8



#2
 1,4-Dioxane
 Concen: 37.37 ng
 RT: 2.46 min Scan# 33
 Delta R.T. 0.07 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Tgt Ion: 88 Resp: 365562
 Ion Ratio Lower Upper
 88 100
 58 74.5 70.3 105.5
 43 30.3 31.3 46.9#





#3

Pyridine

Concen: 37.88 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.06 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

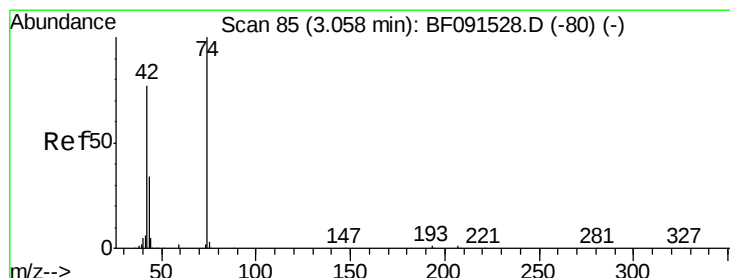
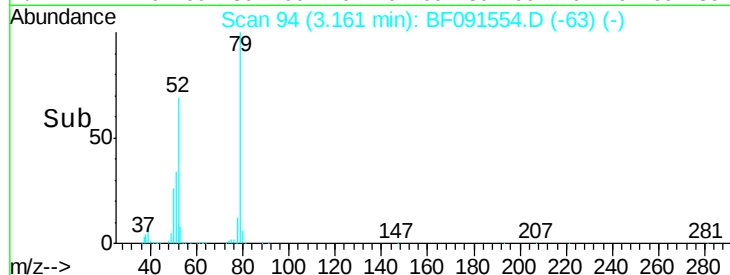
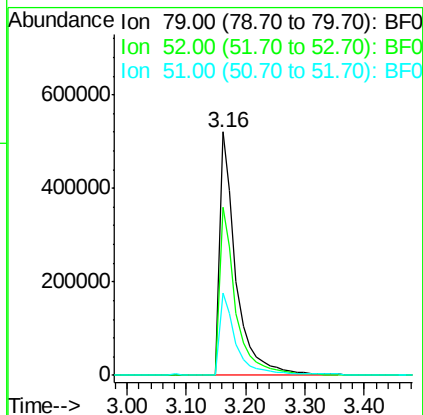
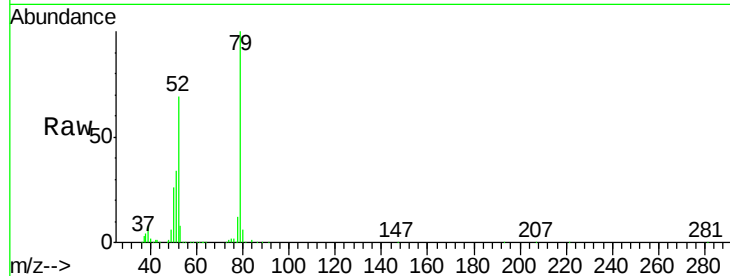
Tgt Ion: 79 Resp: 987412

Ion Ratio Lower Upper

79 100

52 69.1 71.0 106.4#

51 34.0 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 43.49 ng

RT: 3.12 min Scan# 90

Delta R.T. 0.06 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

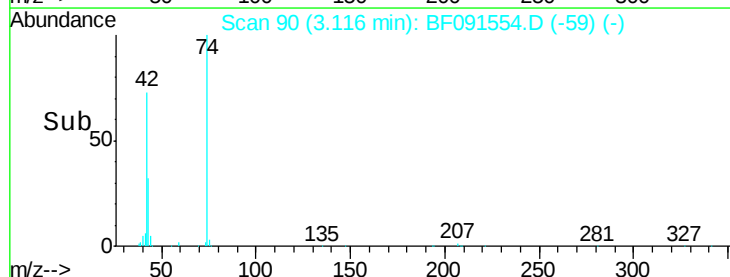
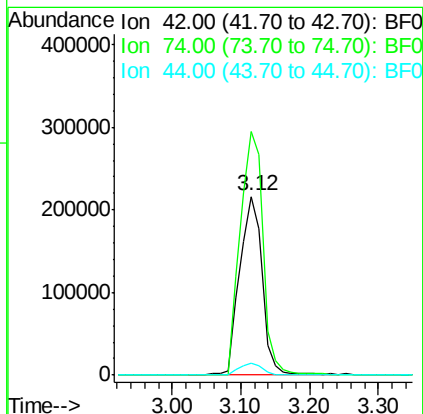
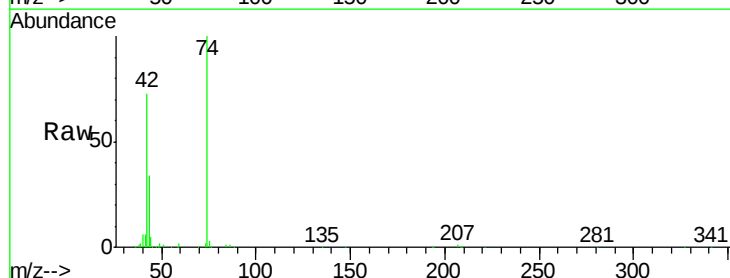
Tgt Ion: 42 Resp: 486981

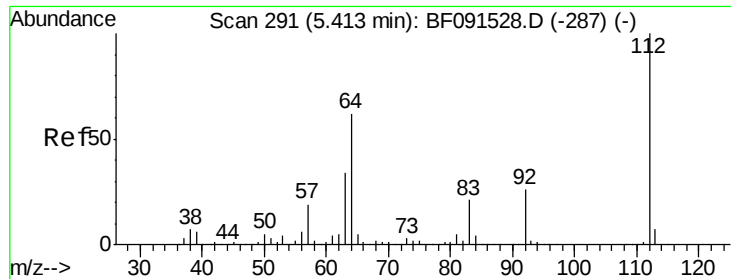
Ion Ratio Lower Upper

42 100

74 136.5 78.9 118.3#

44 6.9 5.8 8.6





#5

2-Fluorophenol

Concen: 130.81 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.02 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

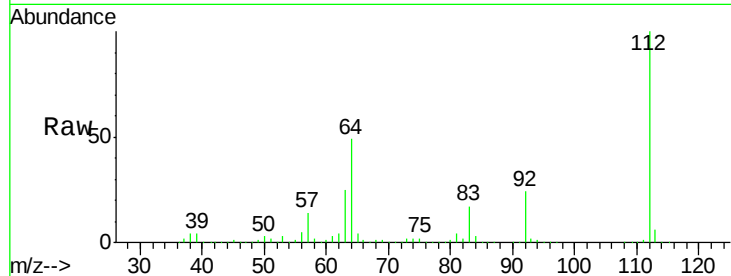
Tgt Ion:112 Resp: 2424787

Ion Ratio Lower Upper

112 100

64 48.8 61.5 92.3#

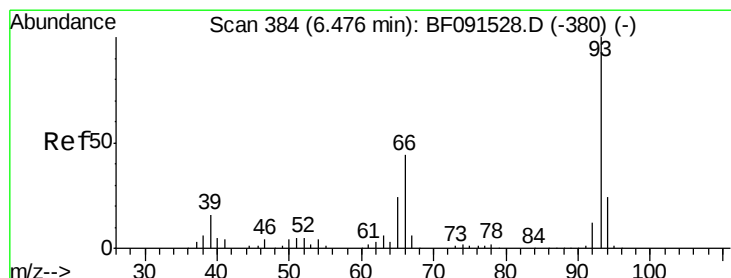
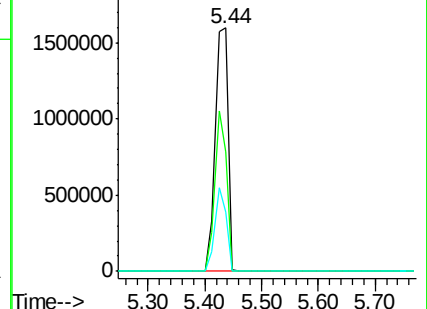
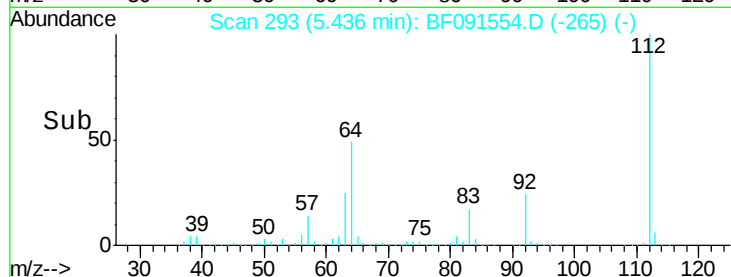
63 24.6 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.73 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

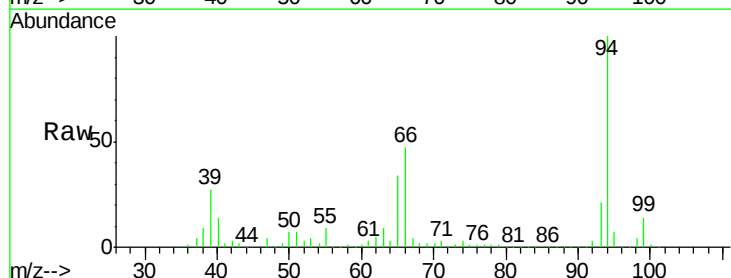
Tgt Ion: 93 Resp: 385832

Ion Ratio Lower Upper

93 100

66 225.9 55.8 83.6#

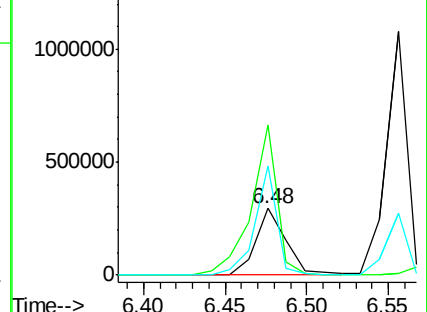
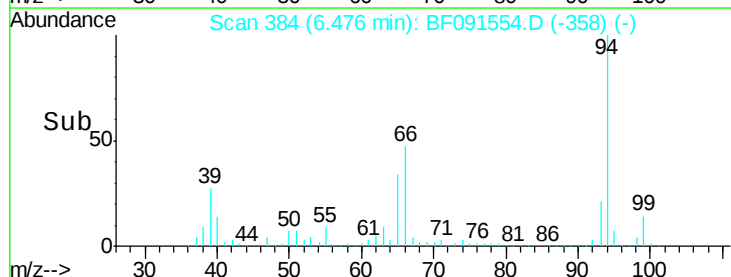
65 163.2 29.9 44.9#

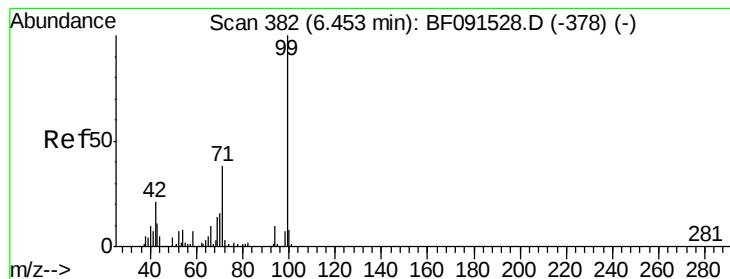


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.06 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

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ClientSampleId :

SS08-0-2INMSD

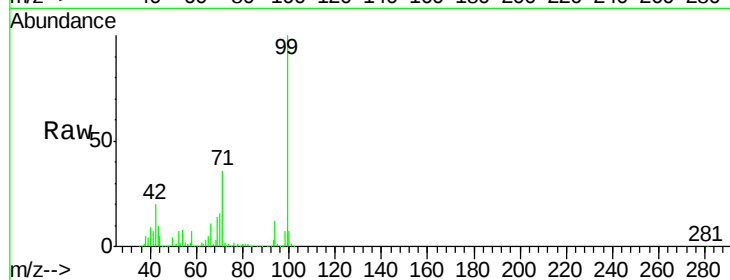
Tgt Ion: 99 Resp: 2797551

Ion Ratio Lower Upper

99 100

42 20.0 20.6 31.0#

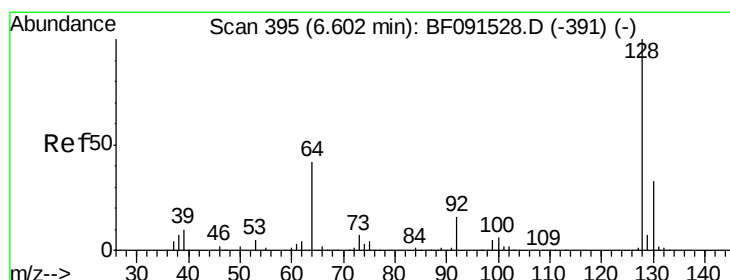
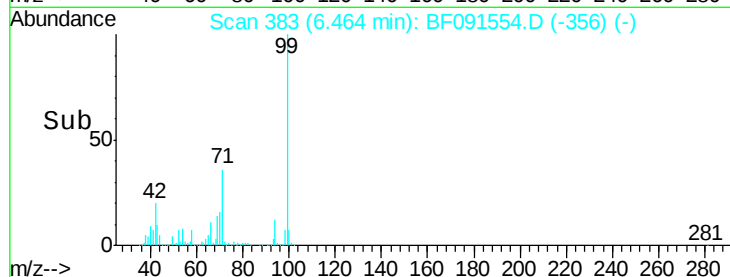
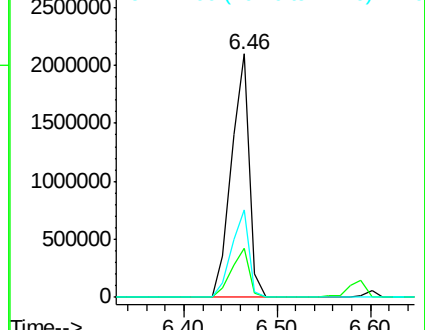
71 35.8 29.9 44.9



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: 41.76 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

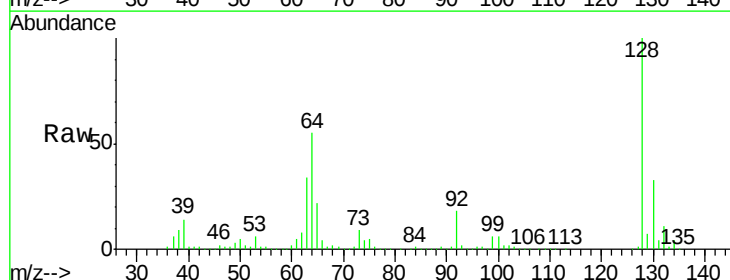
Tgt Ion: 128 Resp: 873639

Ion Ratio Lower Upper

128 100

130 33.2 13.1 53.1

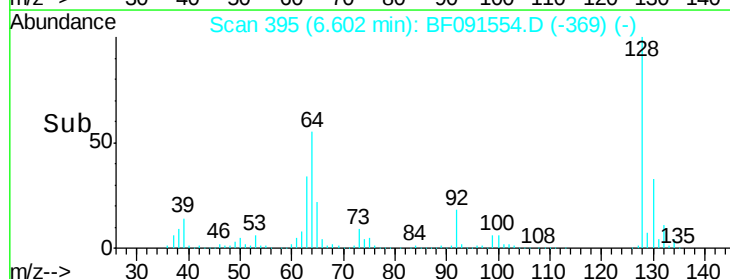
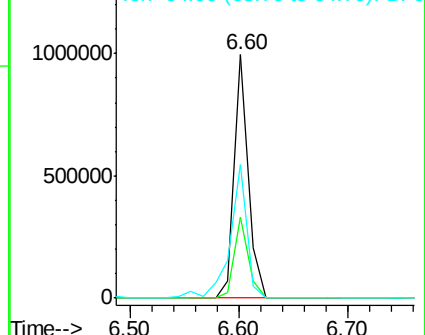
64 54.7 24.1 64.1

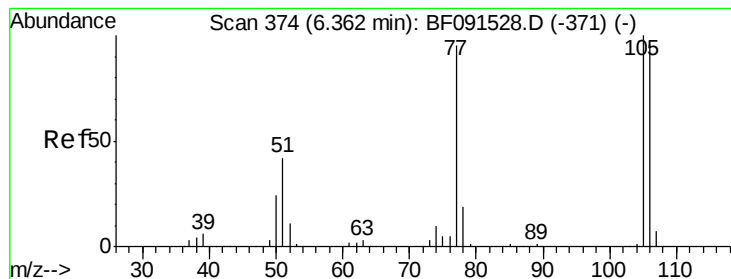


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.73 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

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ClientSampleId :

SS08-0-2INMSD

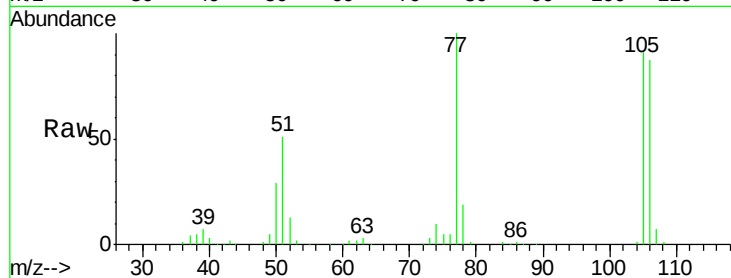
Tgt Ion: 77 Resp: 186476

Ion Ratio Lower Upper

77 100

105 91.5 66.4 106.4

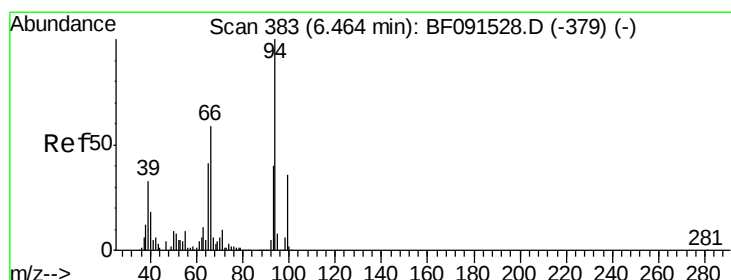
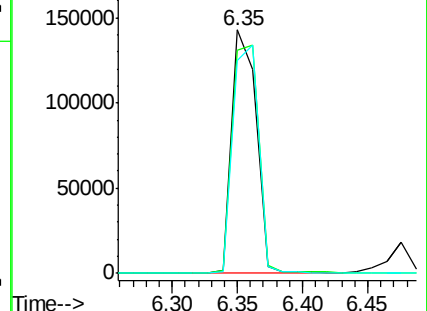
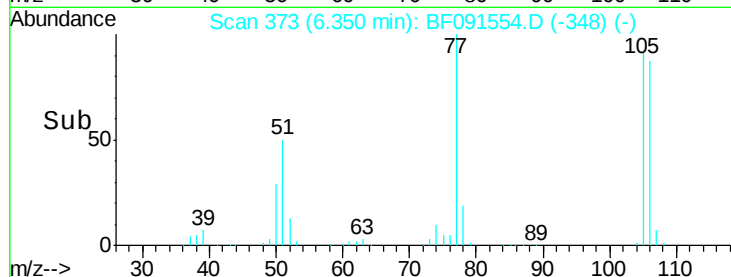
106 87.3 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.43 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

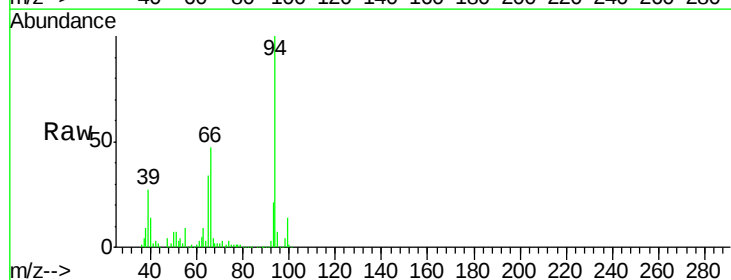
Tgt Ion: 94 Resp: 1200524

Ion Ratio Lower Upper

94 100

65 34.0 16.9 56.9

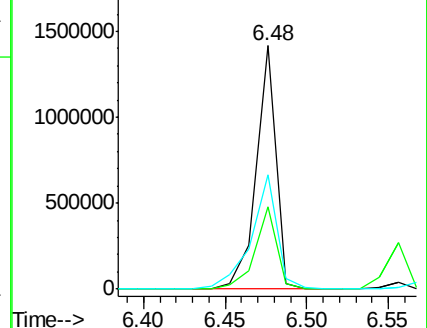
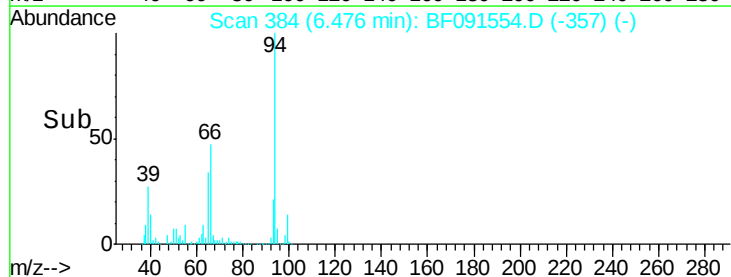
66 47.1 30.6 70.6

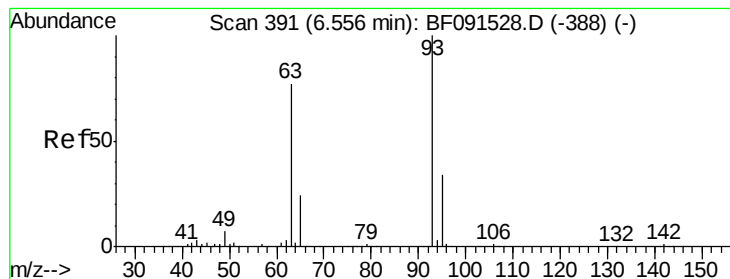


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.87 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

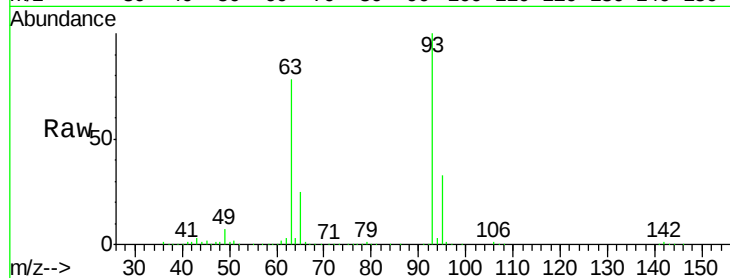
Tgt Ion: 93 Resp: 931061

Ion Ratio Lower Upper

93 100

63 77.8 74.8 114.8

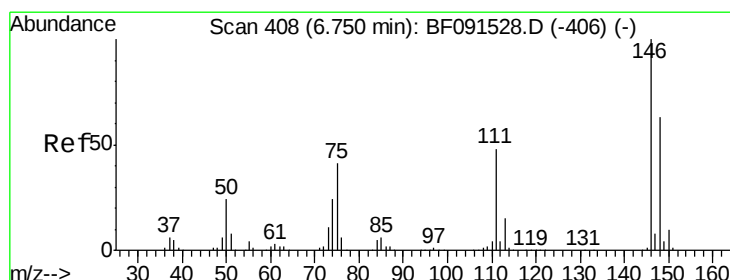
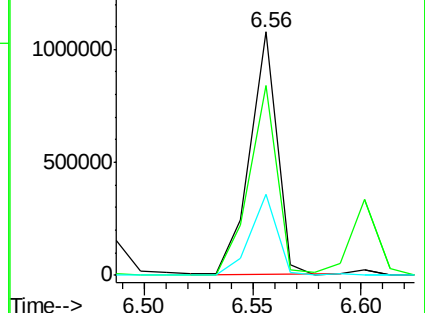
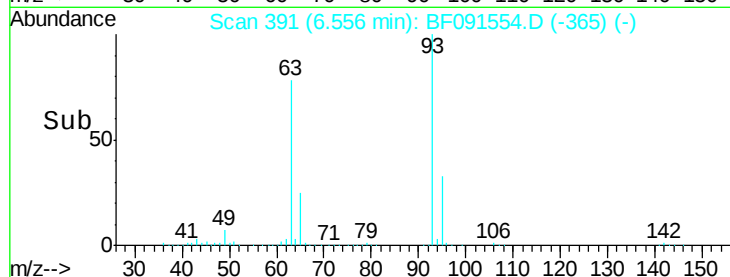
95 33.1 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.36 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.24 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

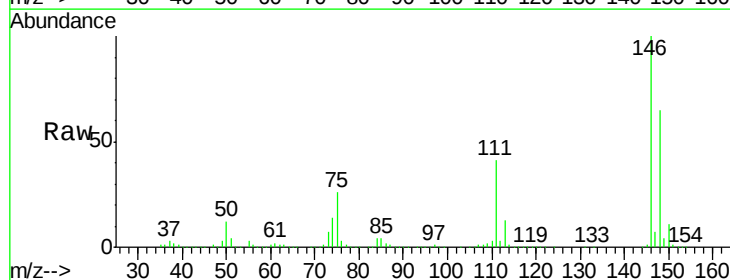
Tgt Ion: 146 Resp: 915802

Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.0

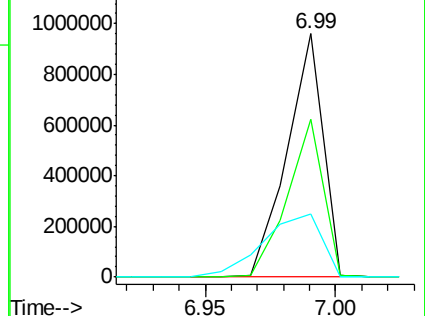
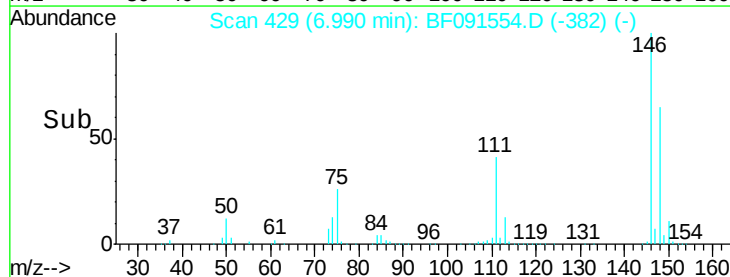
75 25.8 23.6 35.4

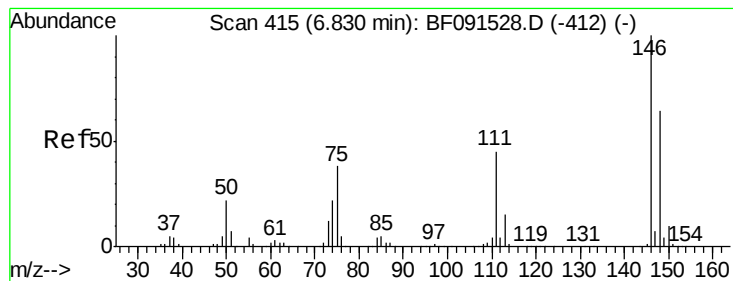


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.99 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

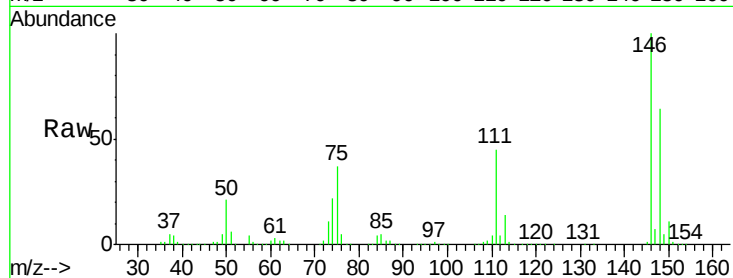
Tgt Ion:146 Resp: 939735

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.0

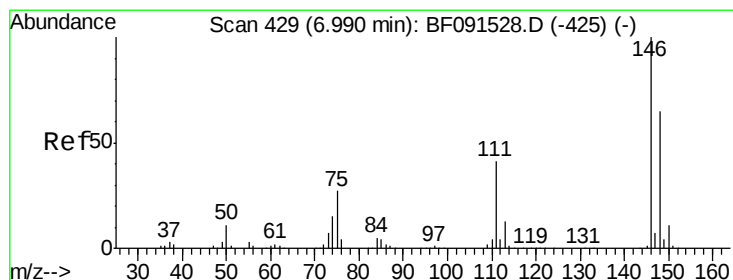
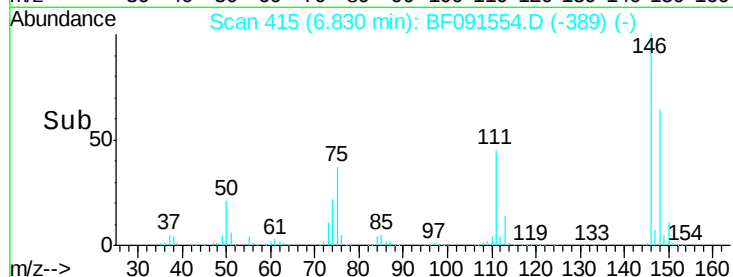
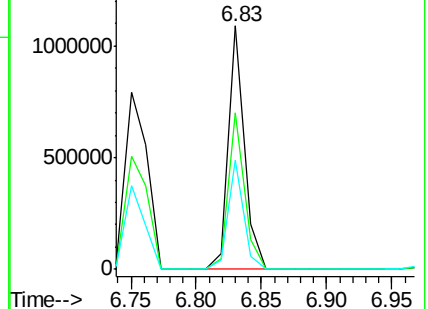
111 44.9 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.46 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

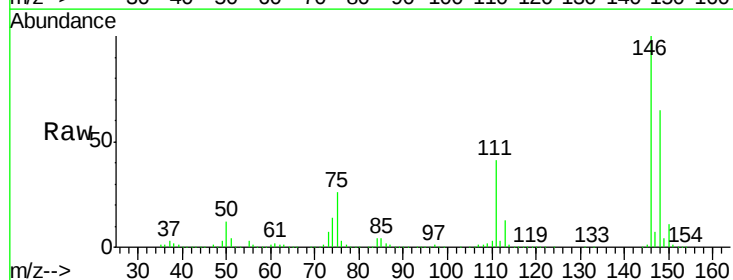
Tgt Ion:146 Resp: 916698

Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.6

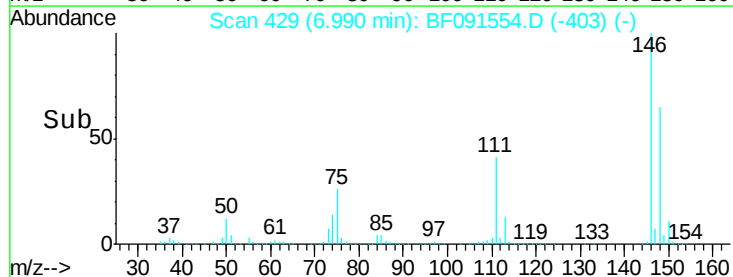
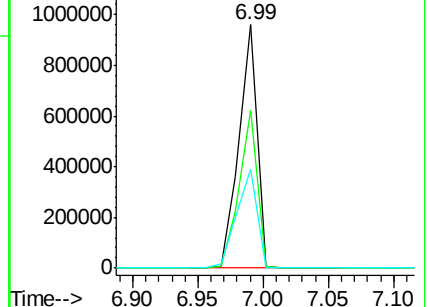
111 40.7 38.9 58.3

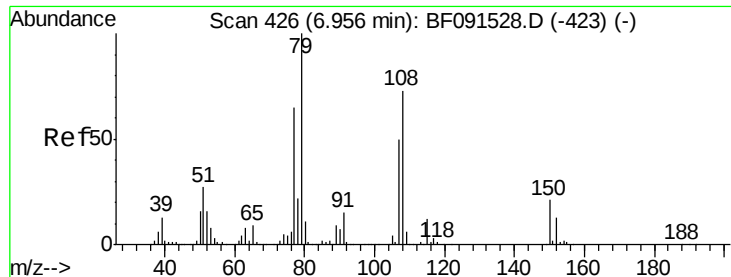


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.19 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

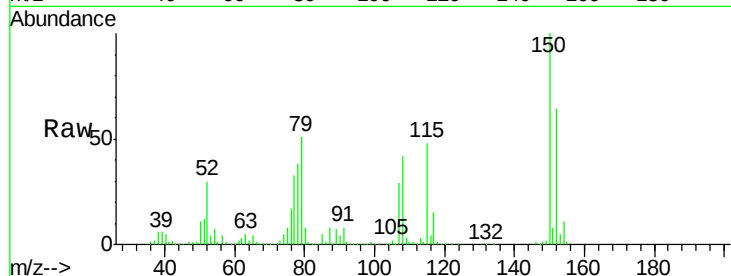
Tgt Ion: 79 Resp: 806349

Ion Ratio Lower Upper

79 100

108 81.9 62.7 94.1

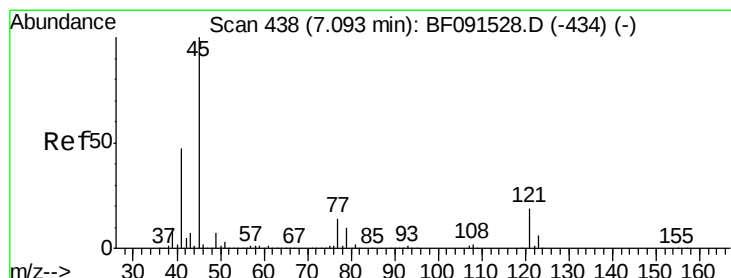
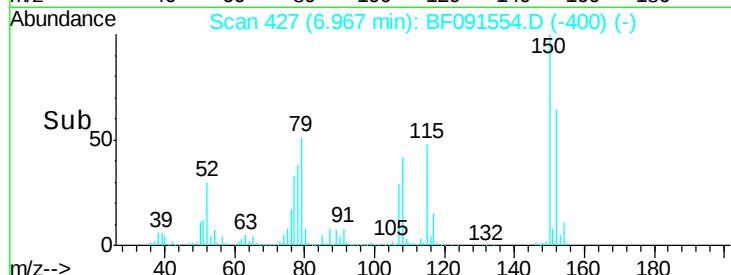
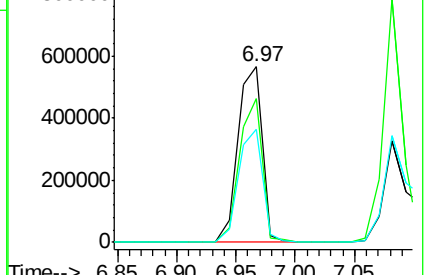
77 64.7 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.39 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

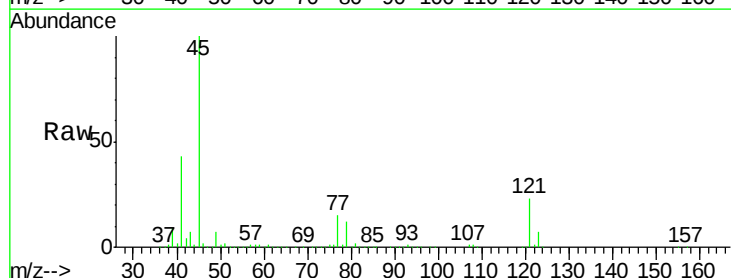
Tgt Ion: 45 Resp: 1396358

Ion Ratio Lower Upper

45 100

77 15.2 3.8 43.8

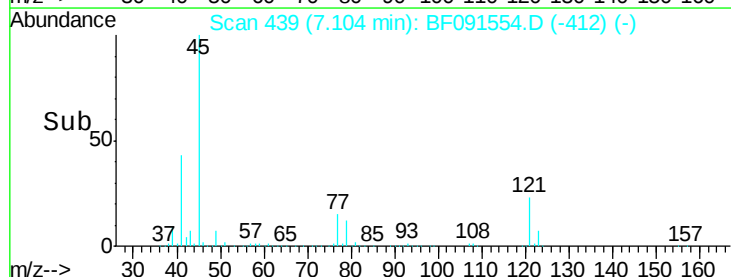
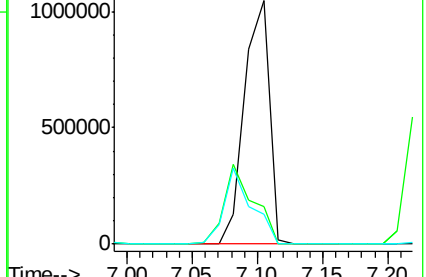
79 12.1 0.2 40.2

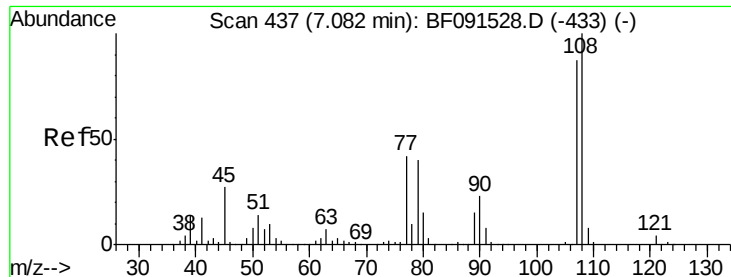


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 43.44 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

Tgt Ion:107 Resp: 751980

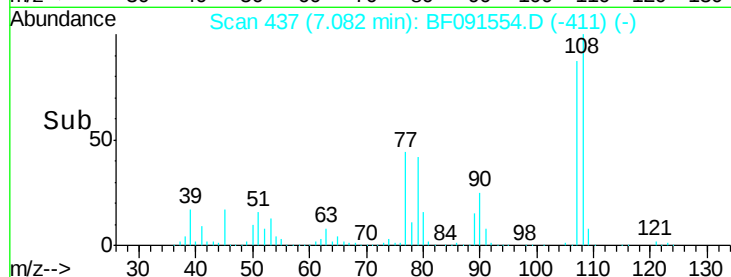
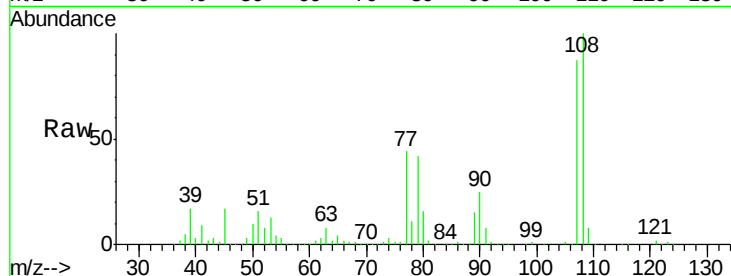
Ion Ratio Lower Upper

107 100

108 115.0 67.7 101.5#

77 50.1 40.7 61.1

79 48.2 23.4 35.2#

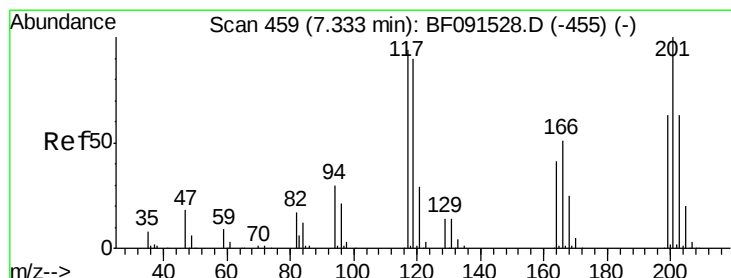
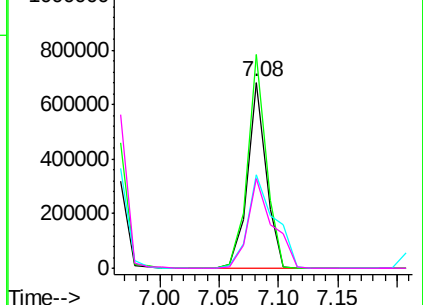


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.23 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

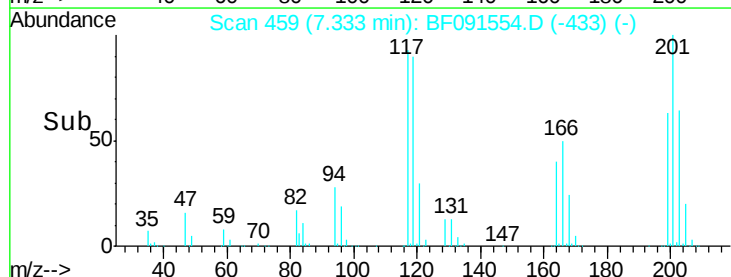
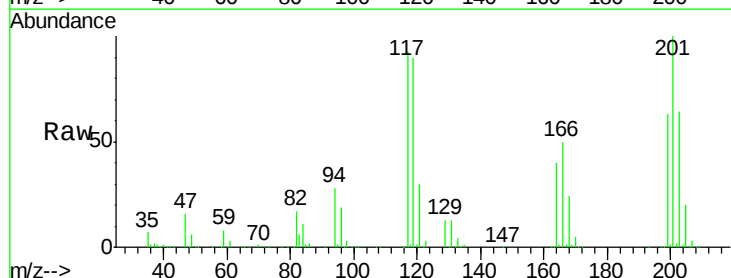
Tgt Ion:117 Resp: 377534

Ion Ratio Lower Upper

117 100

119 96.3 78.6 118.0

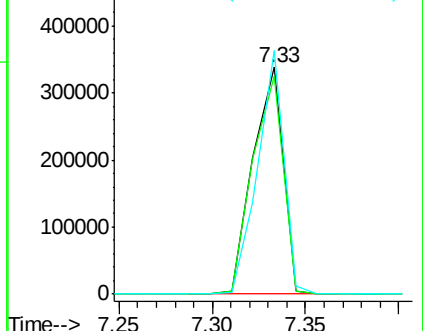
201 107.5 86.7 130.1

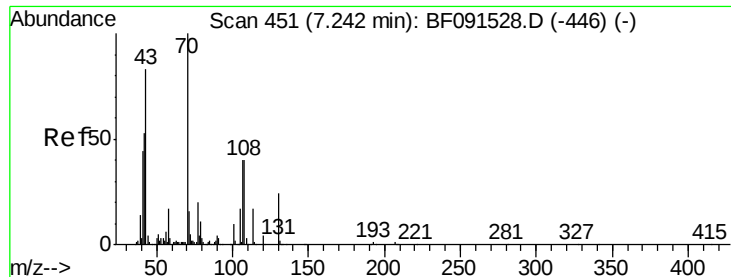


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

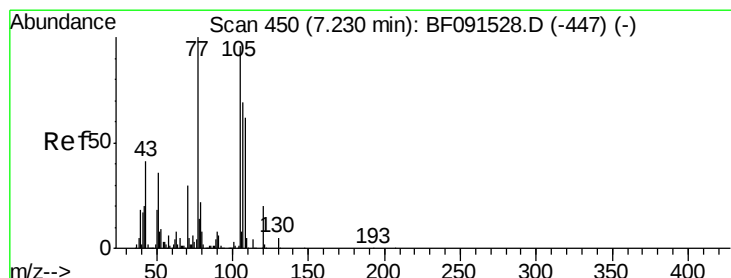
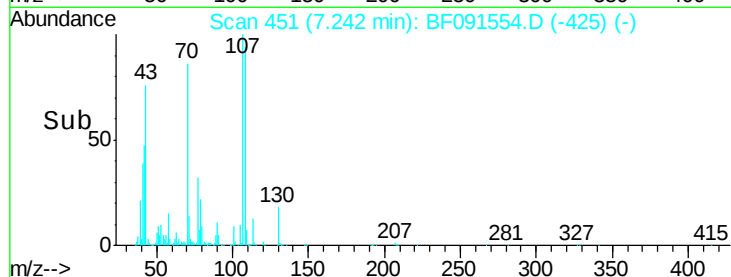
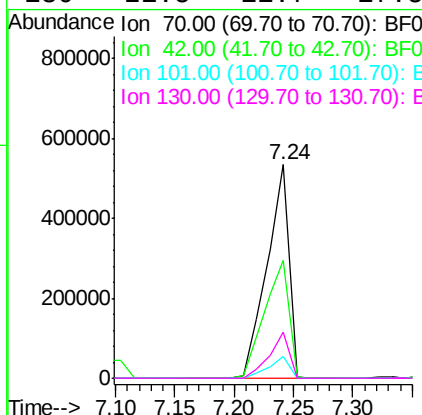
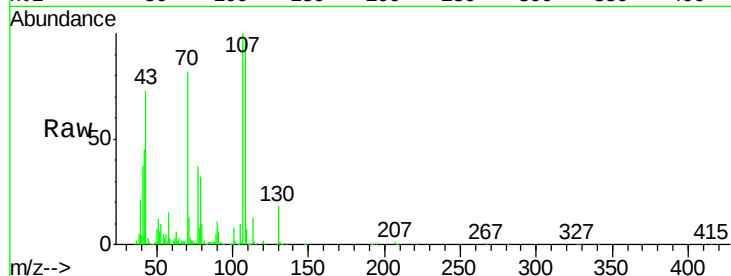




#19
n-Nitroso-di-n-propylamine
Concen: 48.31 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

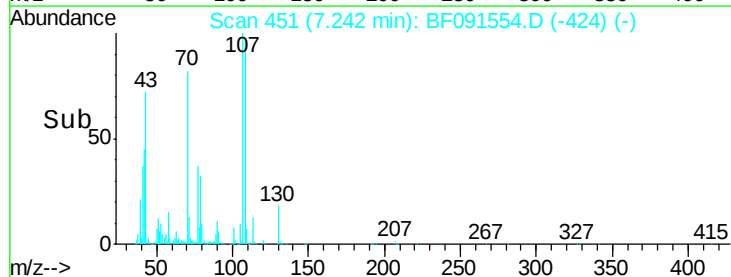
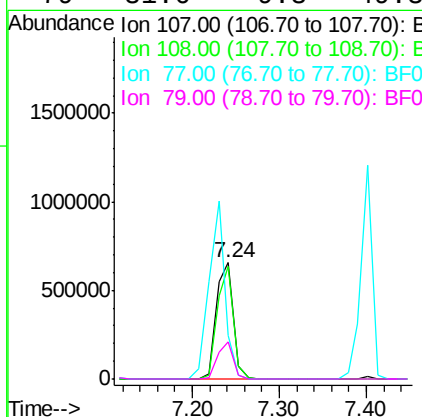
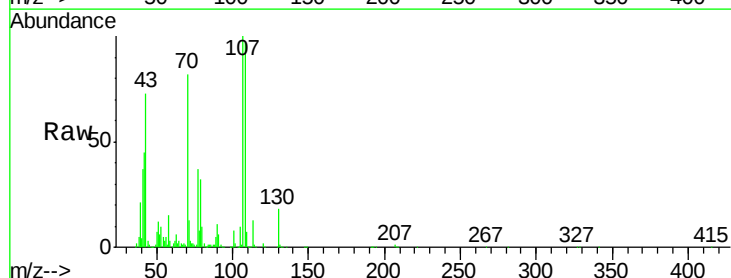
Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

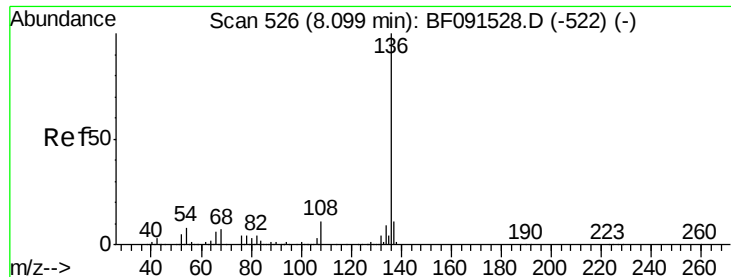
Tgt Ion: 70 Resp: 698114
Ion Ratio Lower Upper
70 100
42 55.4 64.8 97.2#
101 10.0 6.2 9.4#
130 21.5 11.7 17.5#



#20
3+4-Methylphenols
Concen: 48.42 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.01 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion: 107 Resp: 900783
Ion Ratio Lower Upper
107 100
108 97.1 64.6 104.6
77 37.1 30.9 70.9
79 31.6 9.3 49.3

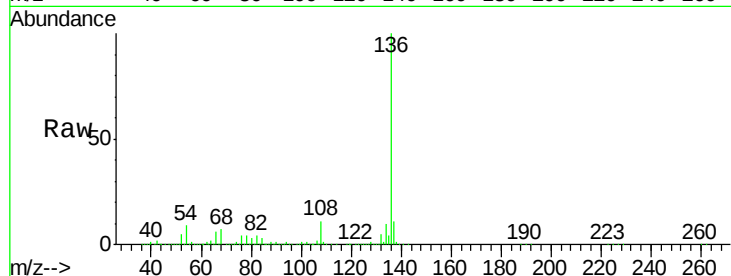




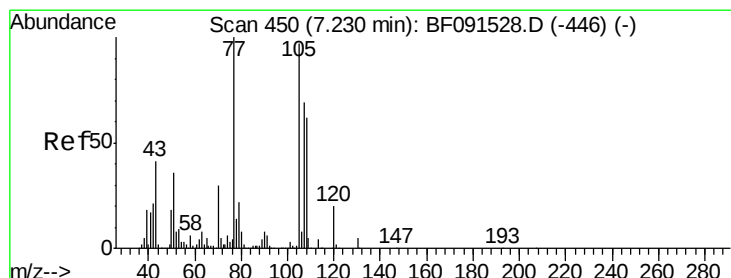
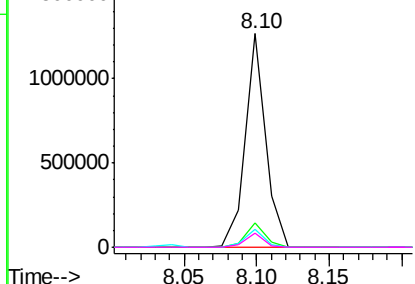
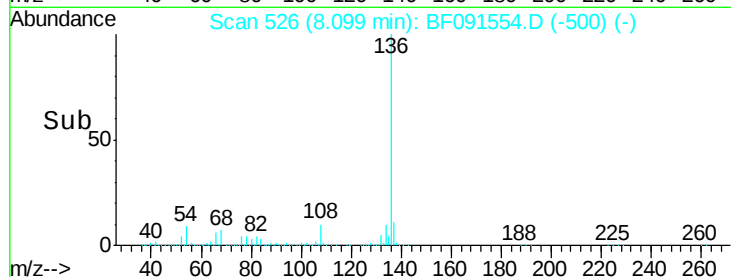
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

Tgt Ion:	136	Resp:	1234546
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.5	9.1	13.7#
68	6.6	5.9	8.9

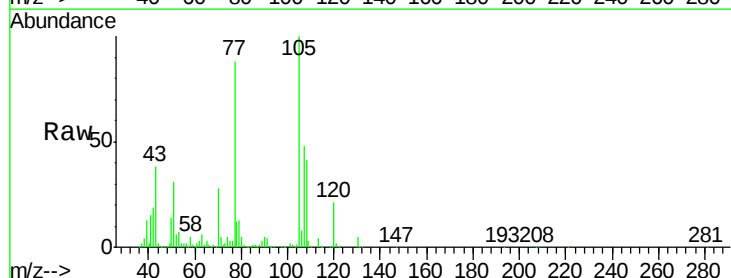


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

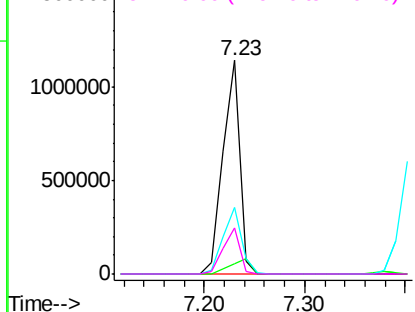
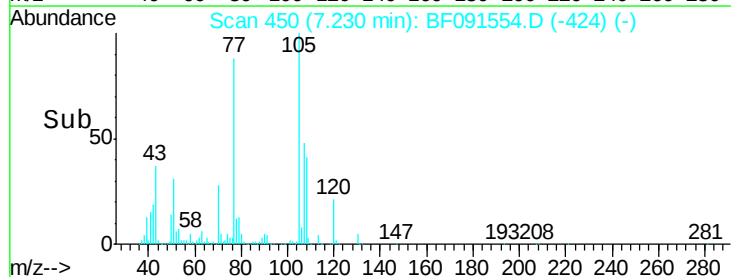


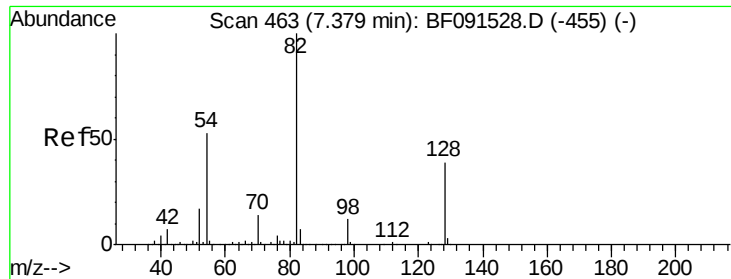
#22
Acetophenone
Concen: 44.74 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion:	105	Resp:	1323216
Ion	Ratio	Lower	Upper
105	100		
71	4.9	7.9	11.9#
51	30.9	24.5	36.7
120	21.4	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
1500000
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

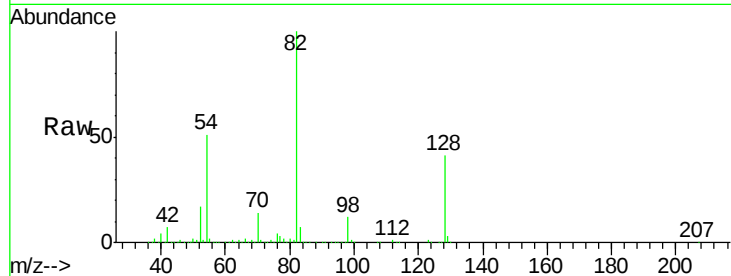




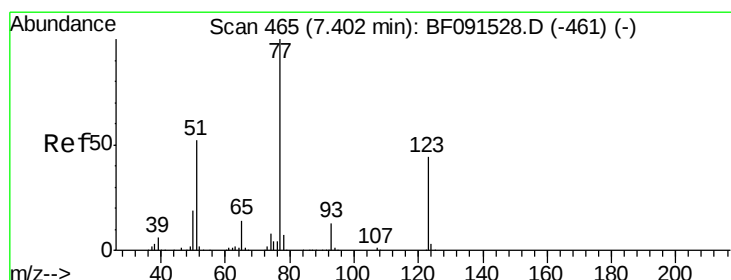
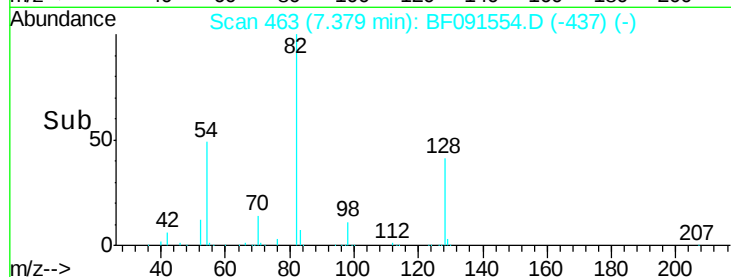
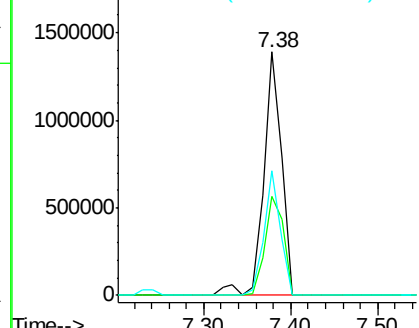
#23
Nitrobenzene-d5
Concen: 90.26 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

Tgt Ion: 82 Resp: 1996525
Ion Ratio Lower Upper
82 100
128 40.7 31.8 47.6
54 51.2 49.1 73.7

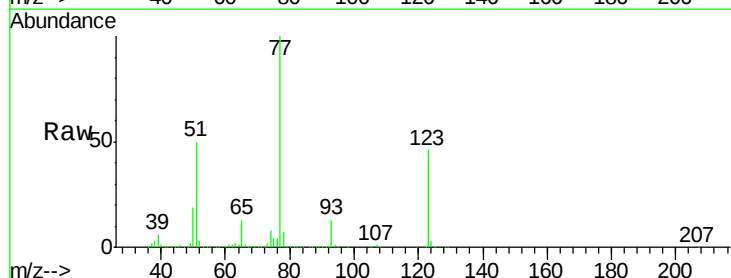


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

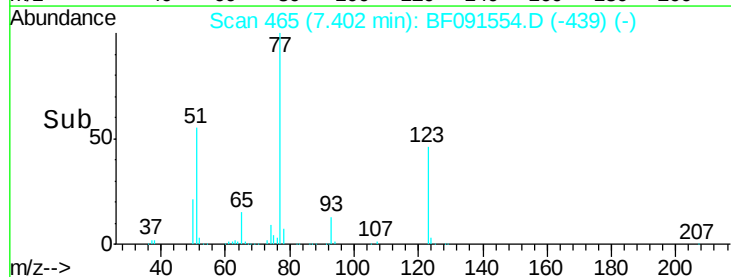
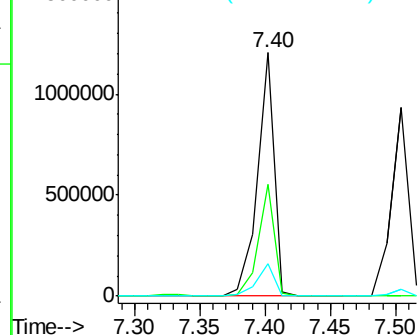


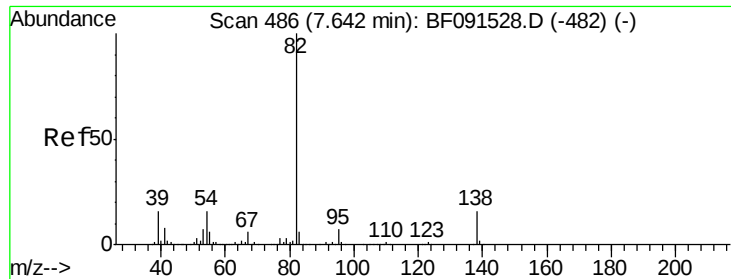
#24
Nitrobenzene
Concen: 46.10 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion: 77 Resp: 1077464
Ion Ratio Lower Upper
77 100
123 45.8 28.5 42.7#
65 13.5 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.83 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

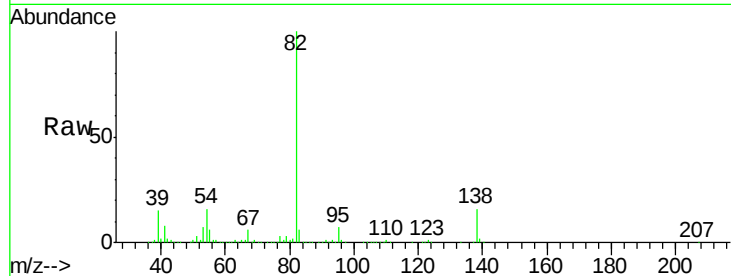
Tgt Ion: 82 Resp: 1802195

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

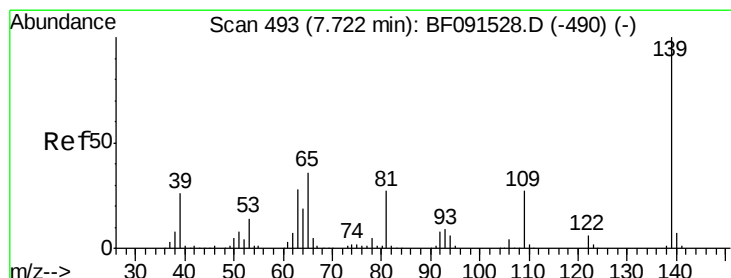
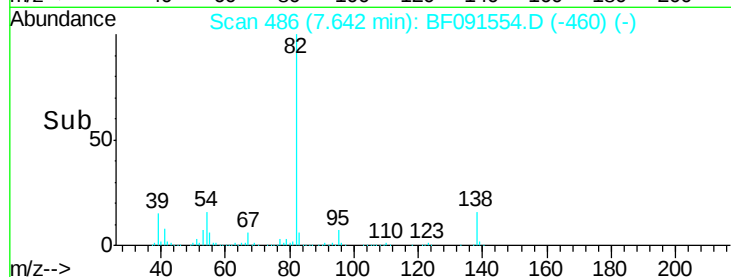
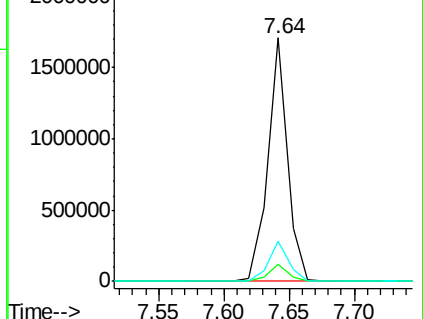
138 16.3 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 51.53 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

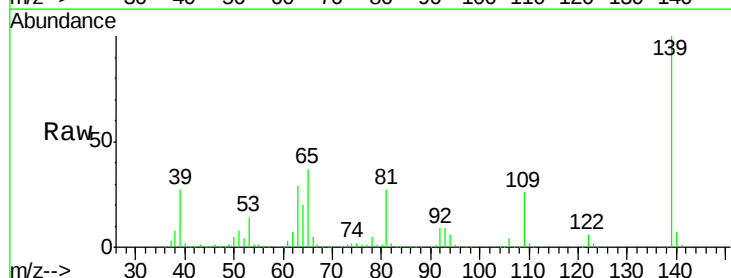
Tgt Ion: 139 Resp: 531460

Ion Ratio Lower Upper

139 100

109 25.7 25.3 37.9

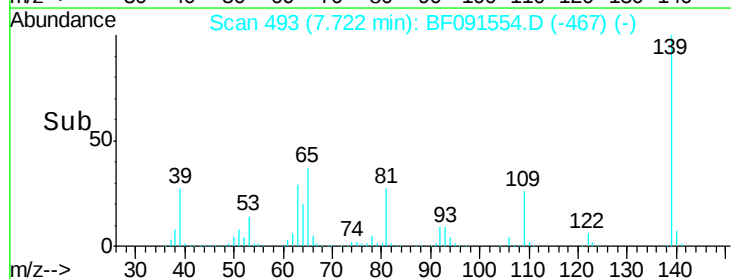
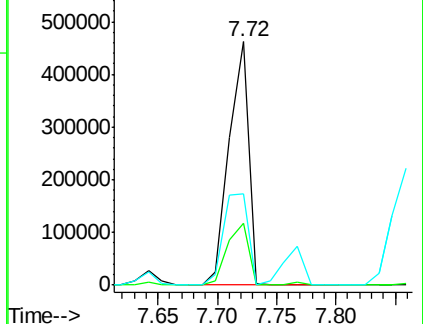
65 37.3 55.4 83.2#

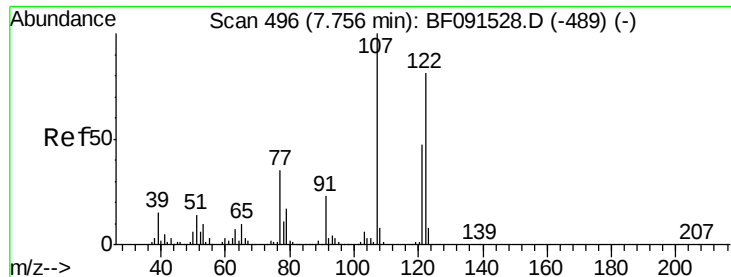


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 49.00 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

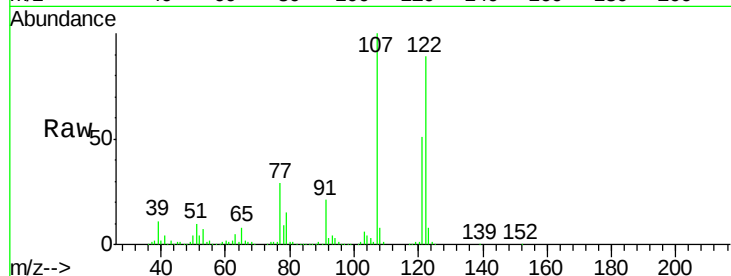
Tgt Ion:122 Resp: 887631

Ion Ratio Lower Upper

122 100

107 112.2 96.8 145.2

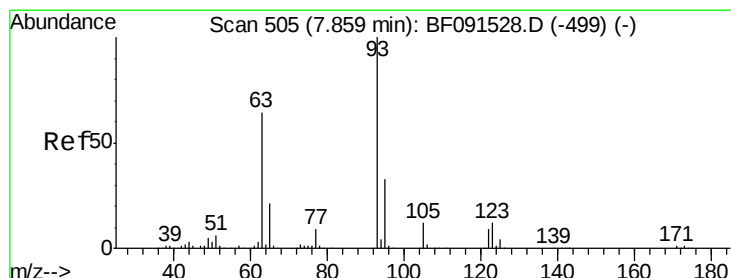
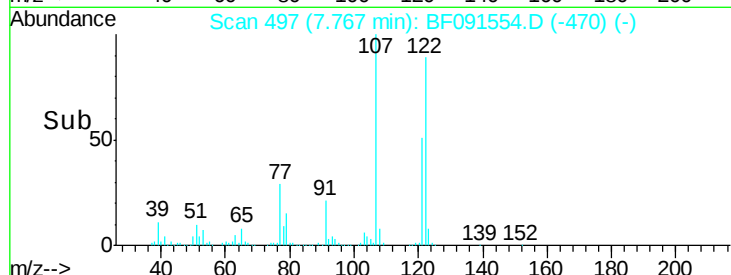
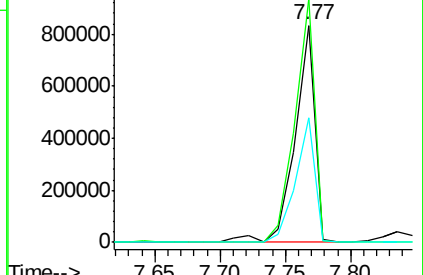
121 57.3 47.7 71.5



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: 52.93 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

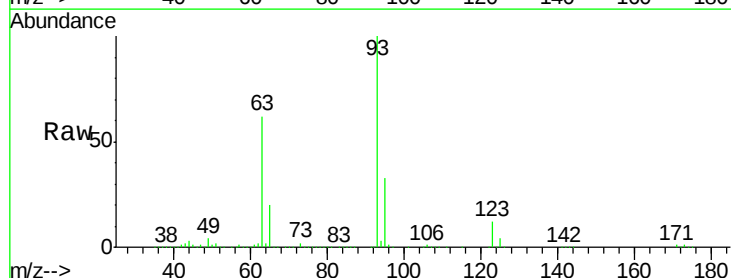
Tgt Ion: 93 Resp: 1220715

Ion Ratio Lower Upper

93 100

95 33.4 26.0 39.0

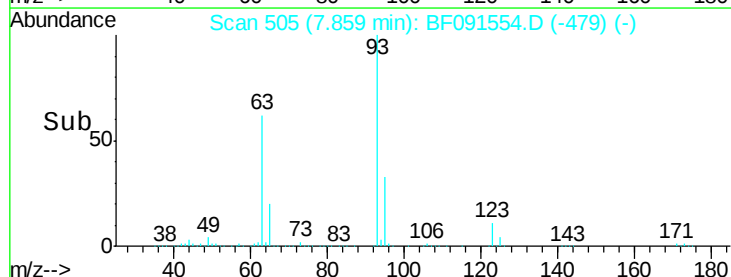
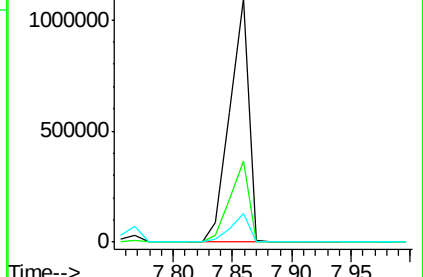
123 11.5 8.6 12.8

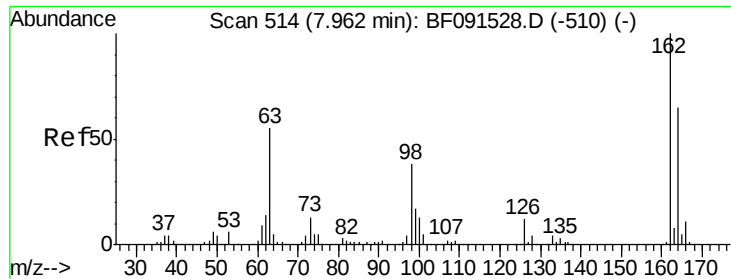


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

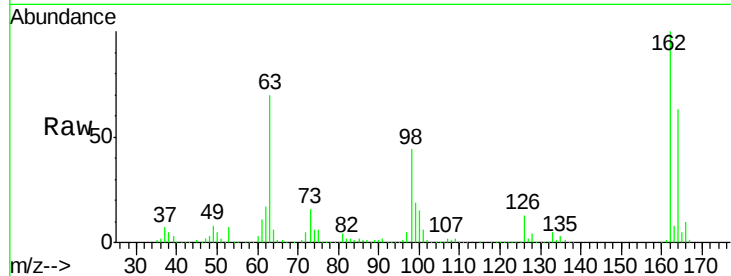




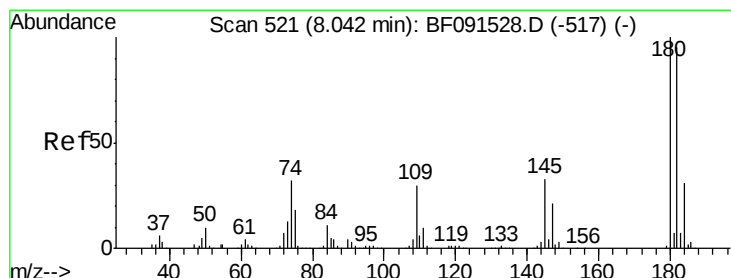
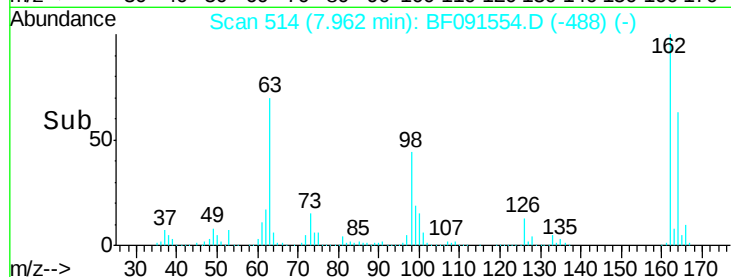
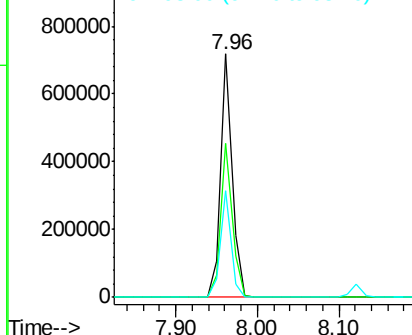
#29
 2,4-Dichlorophenol
 Concen: 44.58 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.0	85.0
98	43.7	21.3	61.3

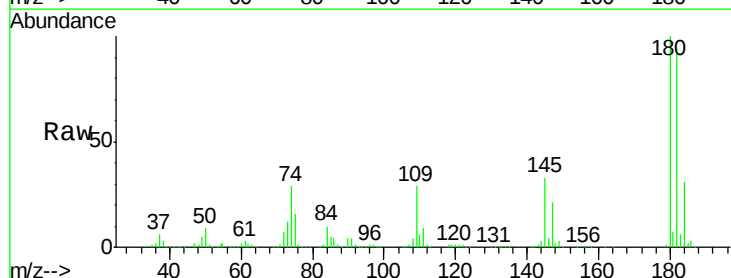


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

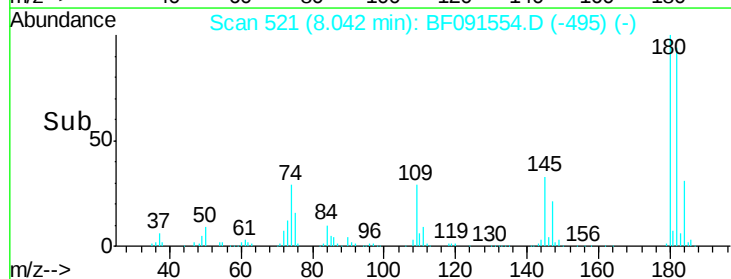
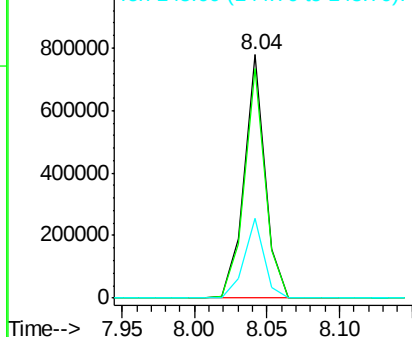


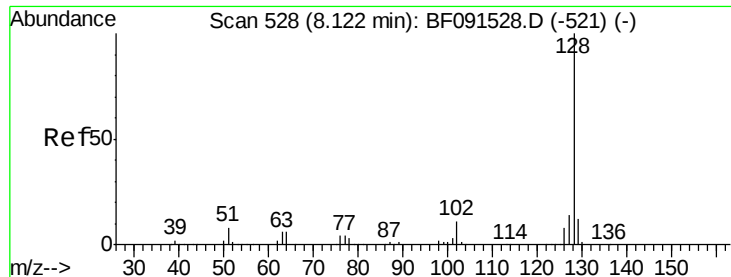
#30
 1,2,4-Trichlorobenzene
 Concen: 43.35 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.8
145	32.6	27.0	40.4



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

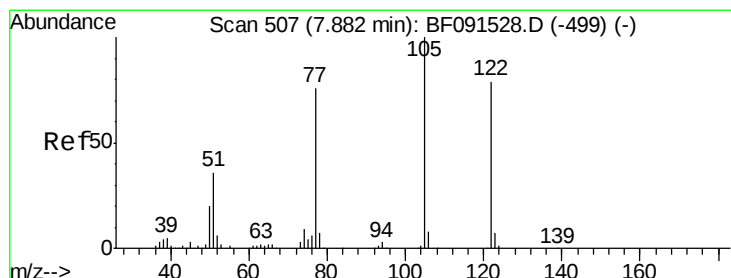
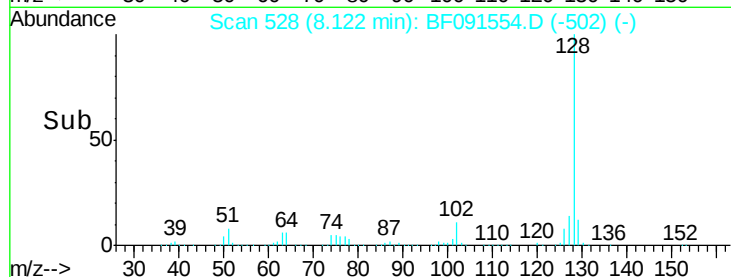
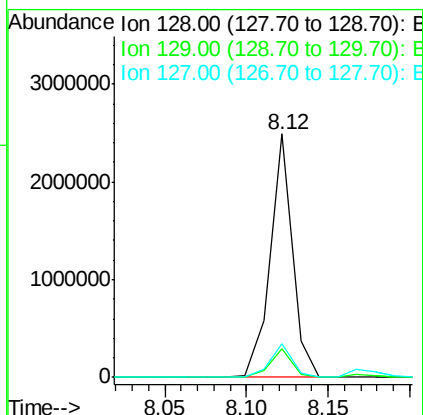
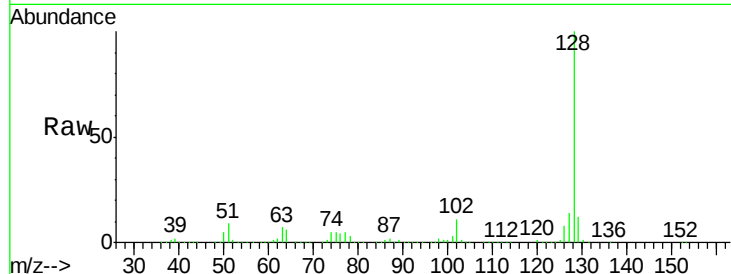




#31
Naphthalene
Concen: 41.27 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

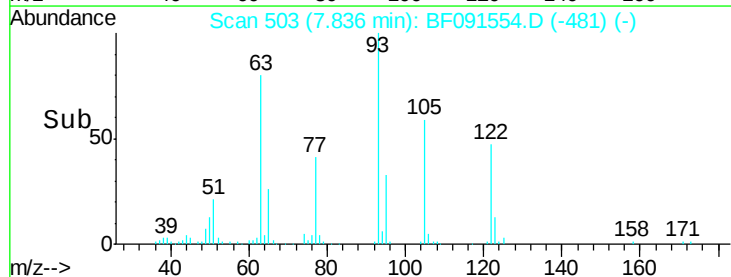
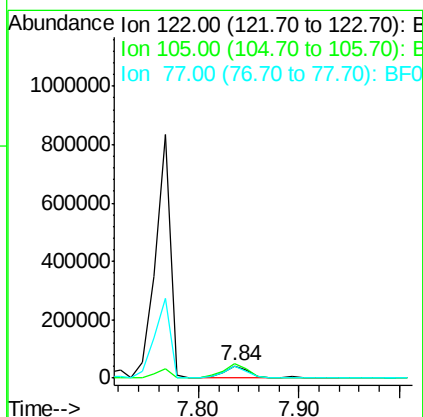
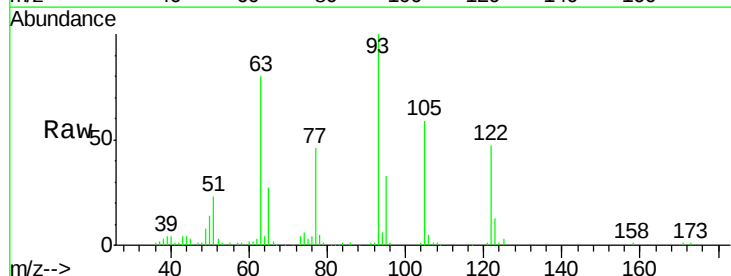
Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

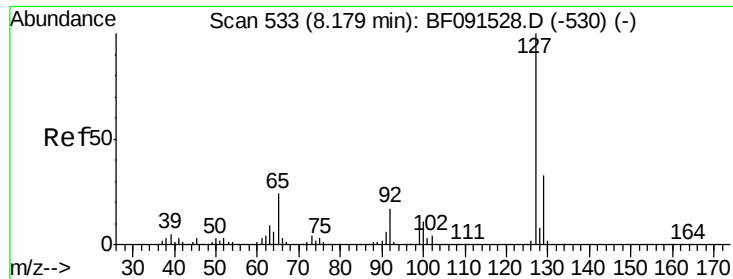
Tgt Ion:128 Resp: 2370783
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.6 11.0 16.4



#32
Benzoic acid
Concen: 10.16 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.04 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion:122 Resp: 76203
Ion Ratio Lower Upper
122 100
105 125.1 113.0 153.0
77 97.8 82.0 122.0

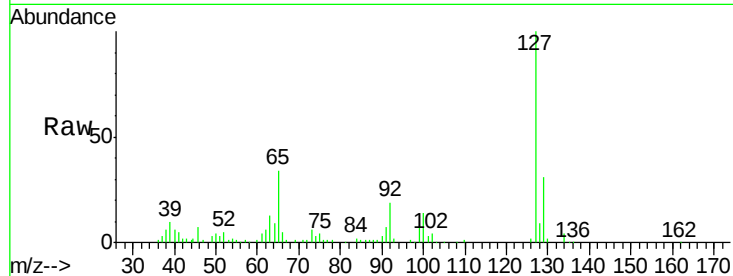




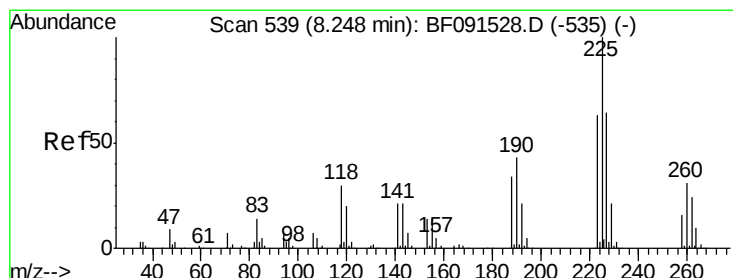
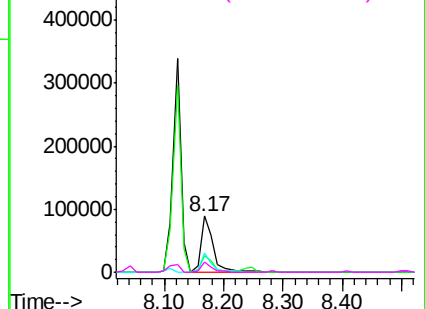
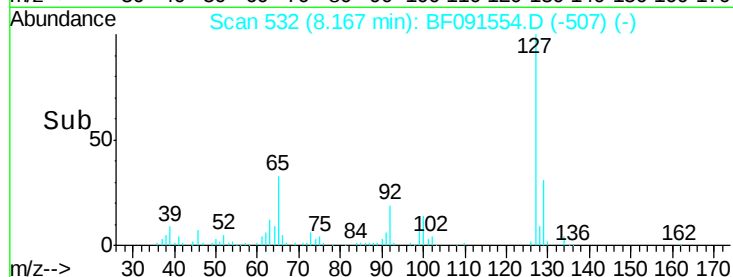
#33
 4-Chloroaniline
 Concen: 5.46 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

Tgt Ion:	127	Resp:	135025
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.2	39.4
65	34.0	26.6	39.8
92	19.2	15.4	23.0

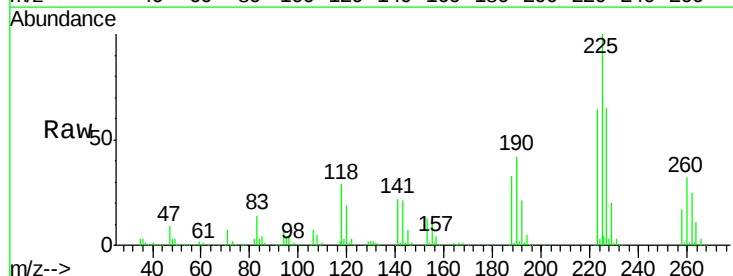


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

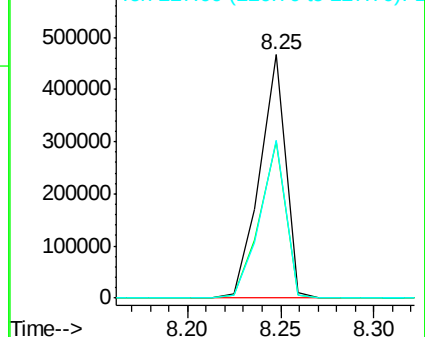
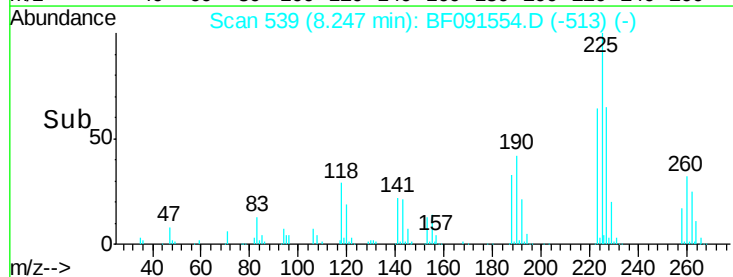


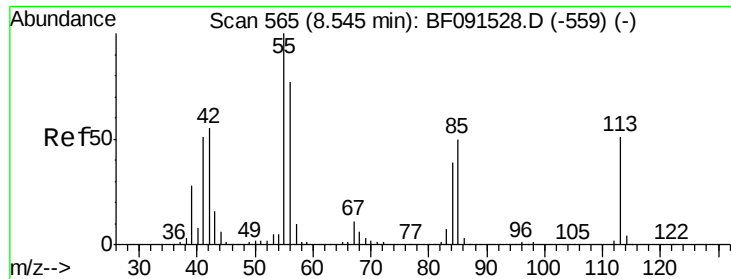
#34
 Hexachlorobutadiene
 Concen: 43.72 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Tgt Ion:	225	Resp:	448933
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.8	74.6
227	64.8	52.6	79.0



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

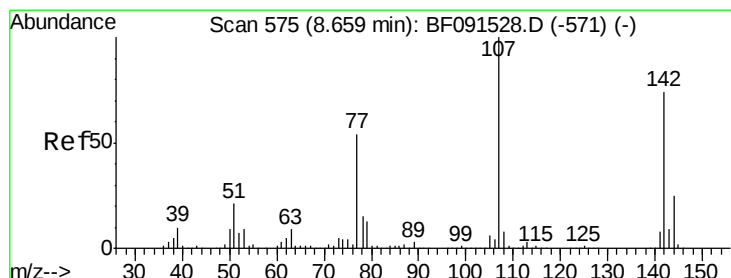
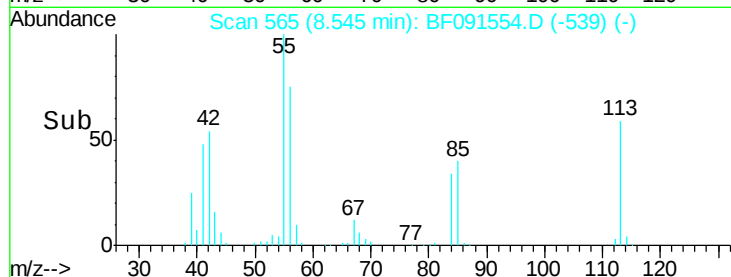
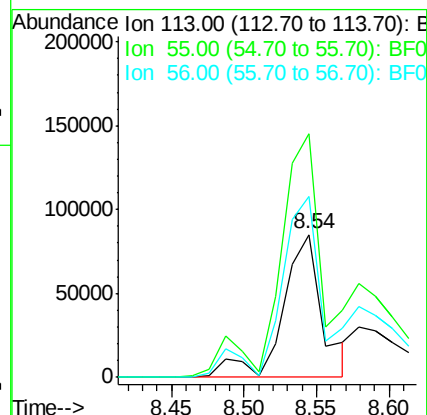
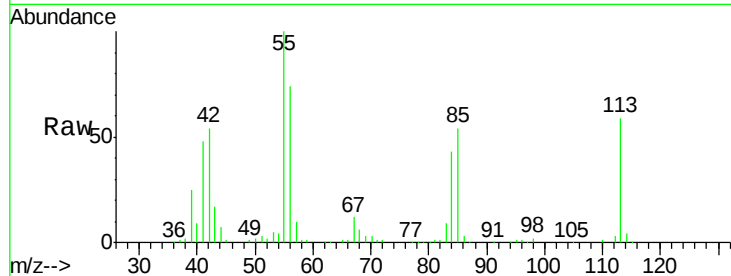




#35
 Caprolactam
 Concen: 34.95 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

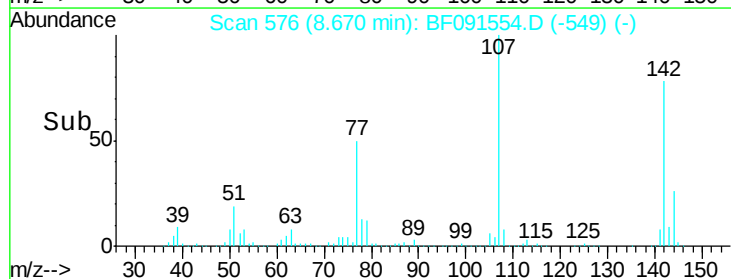
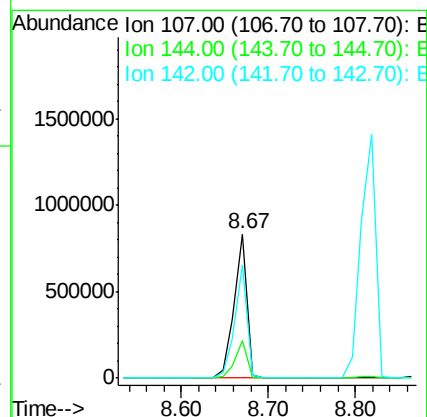
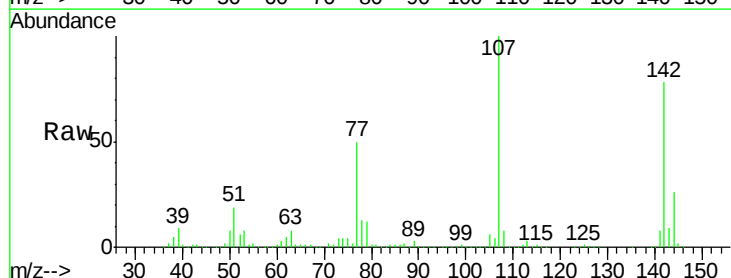
Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

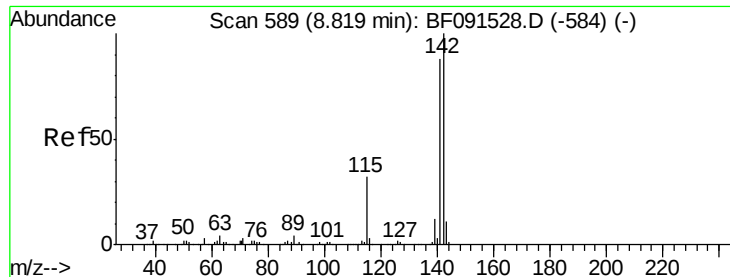
Tgt Ion:113 Resp: 160864
 Ion Ratio Lower Upper
 113 100
 55 170.2 239.8 279.8#
 56 126.6 165.6 205.6#



#36
 4-Chloro-3-methylphenol
 Concen: 48.19 ng
 RT: 8.67 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Tgt Ion:107 Resp: 851939
 Ion Ratio Lower Upper
 107 100
 144 25.6 18.9 28.3
 142 78.1 58.5 87.7

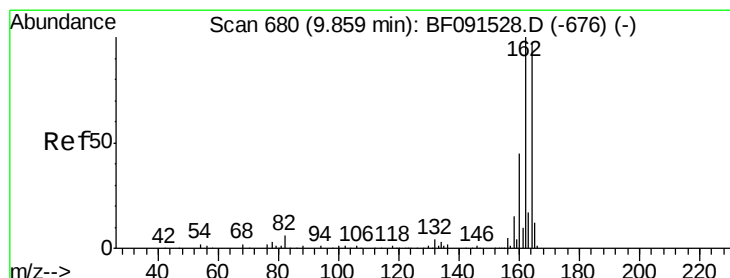
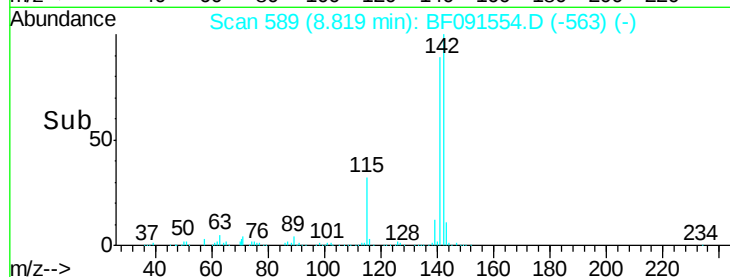
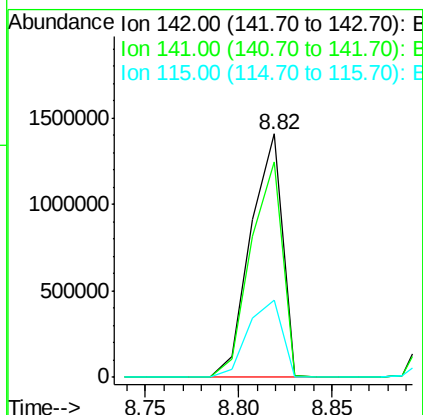
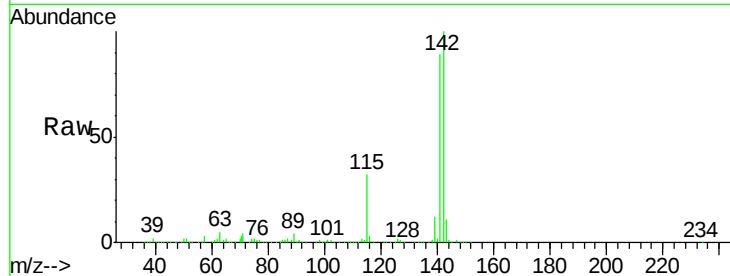




#37
2-Methylnaphthalene
Concen: 45.39 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

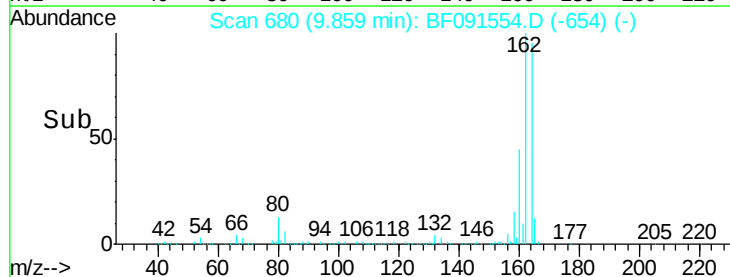
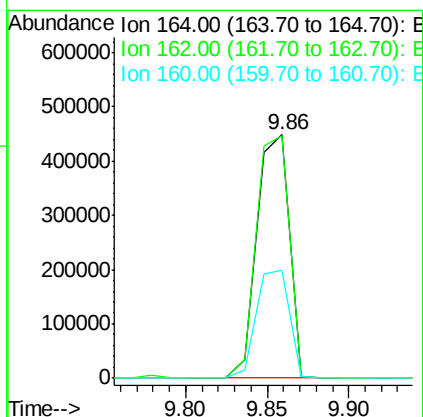
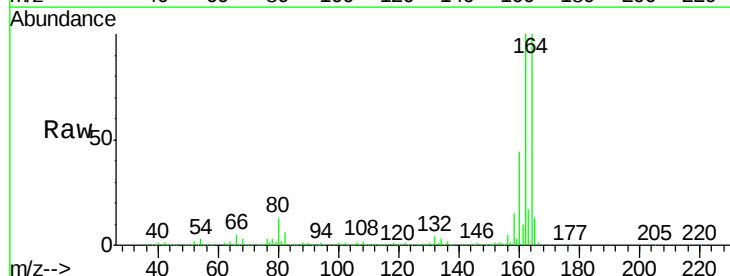
Instrument :
BNA_F
ClientSampleId :
SS08-0-2INMSD

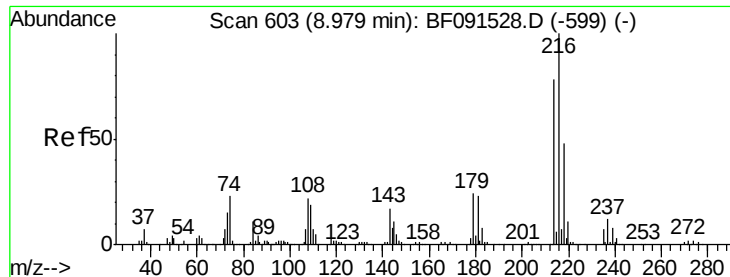
Tgt Ion:142 Resp: 1687600
Ion Ratio Lower Upper
142 100
141 88.7 71.7 107.5
115 31.9 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091554.D
Acq: 13 Dec 2016 15:22

Tgt Ion:164 Resp: 618287
Ion Ratio Lower Upper
164 100
162 99.6 82.6 124.0
160 44.4 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.41 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

Tgt Ion:216 Resp: 634356

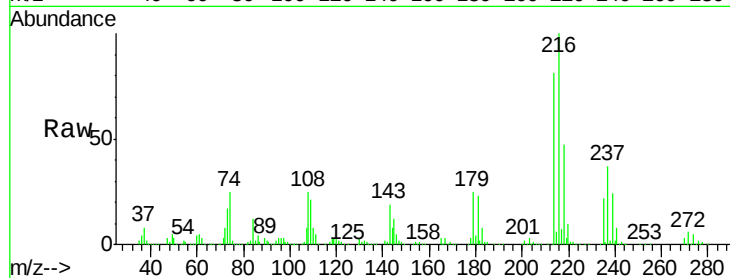
Ion Ratio Lower Upper

216 100

214 80.3 63.8 95.8

179 23.6 18.2 27.2

108 25.7 17.2 25.8

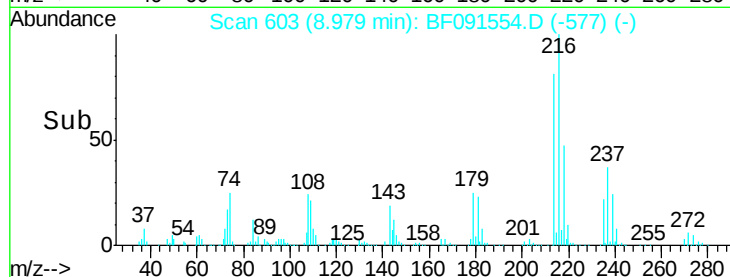


Abundance Ion 216.00 (215.70 to 216.70): E

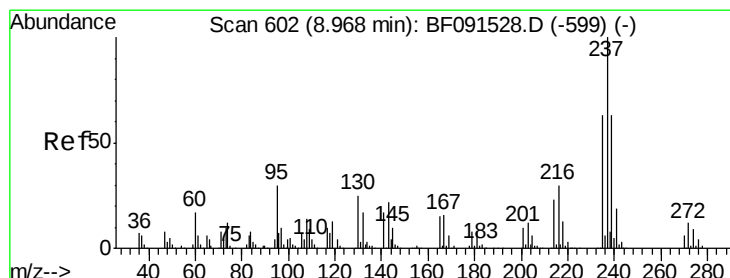
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 82.42 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

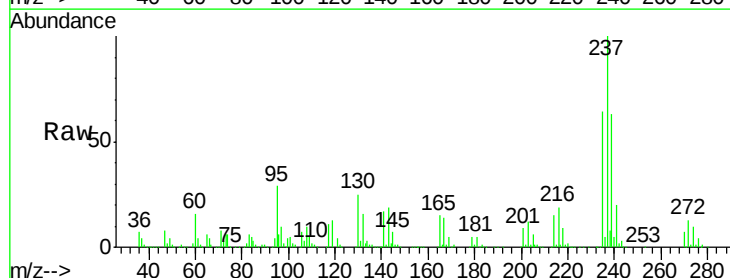
Tgt Ion:237 Resp: 623123

Ion Ratio Lower Upper

237 100

235 64.4 43.9 83.9

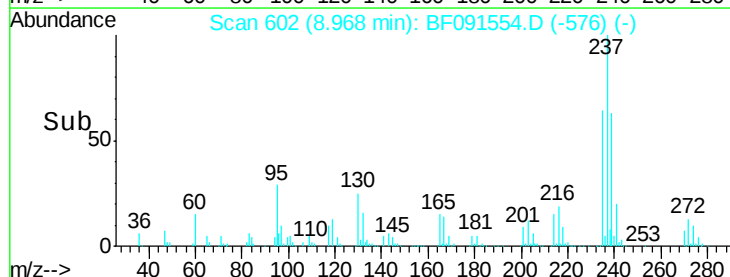
272 12.6 0.0 33.1



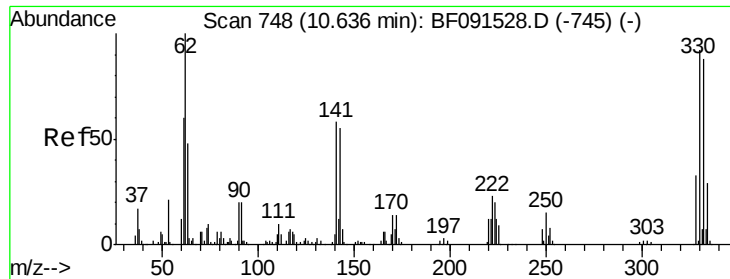
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



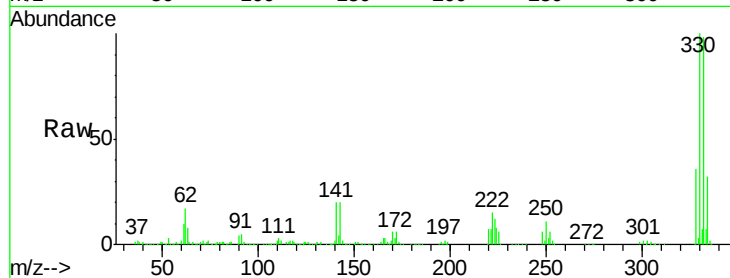
Time-->



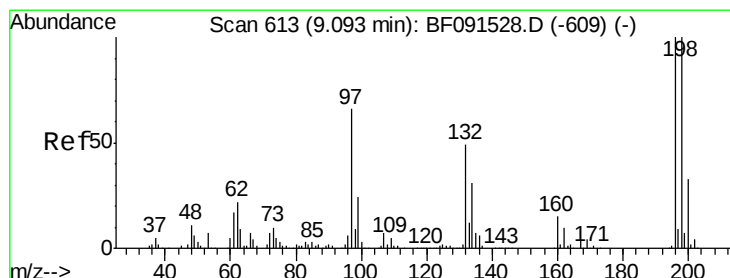
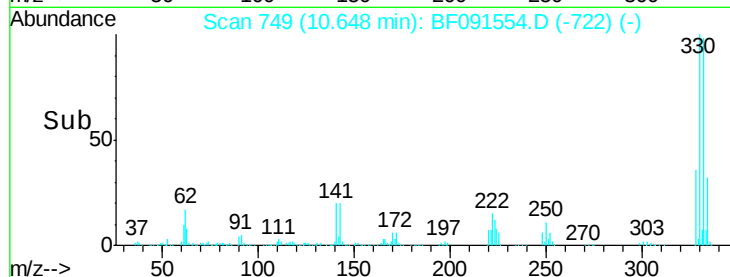
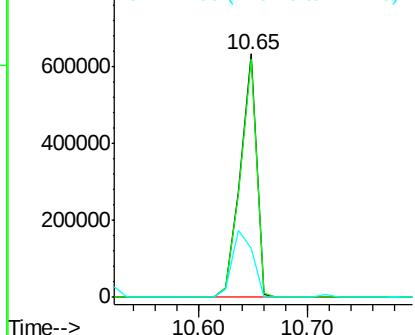
#41
 2,4,6-Tribromophenol
 Concen: 126.53 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

Tgt Ion:330 Resp: 649803
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.2 114.4
 141 34.9 33.6 50.4

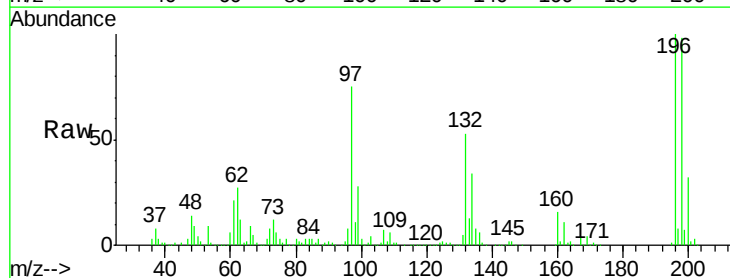


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

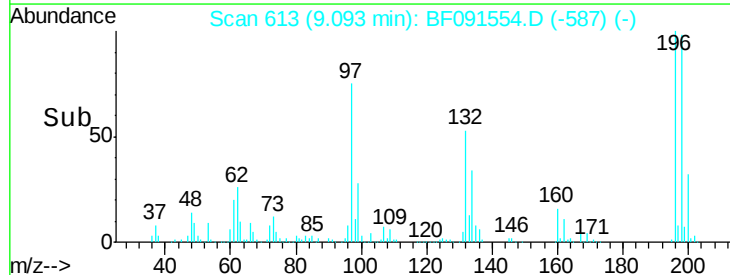
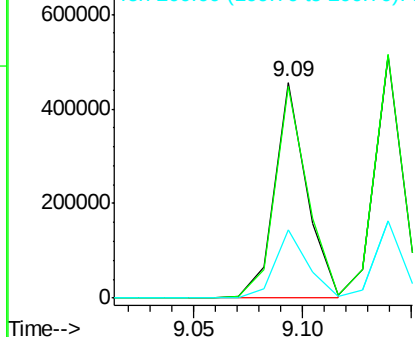


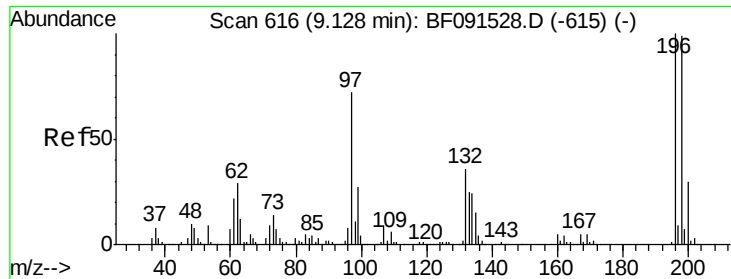
#42
 2,4,6-Trichlorophenol
 Concen: 43.49 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Tgt Ion:196 Resp: 473913
 Ion Ratio Lower Upper
 196 100
 198 97.7 77.4 116.0
 200 31.6 25.2 37.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

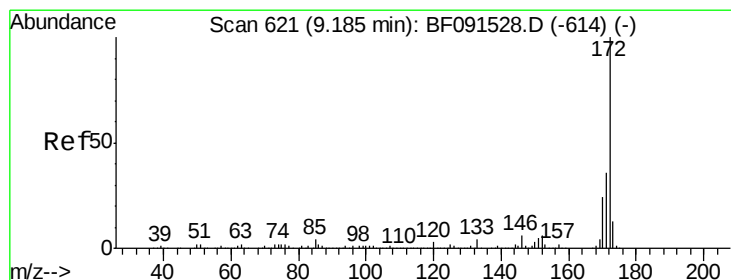
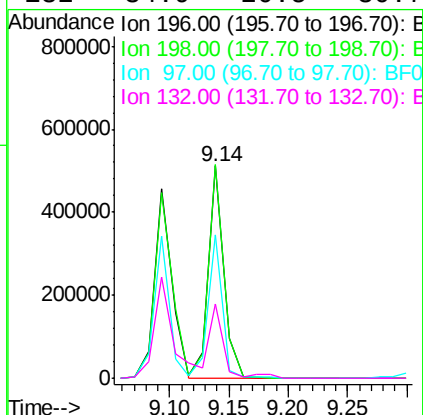
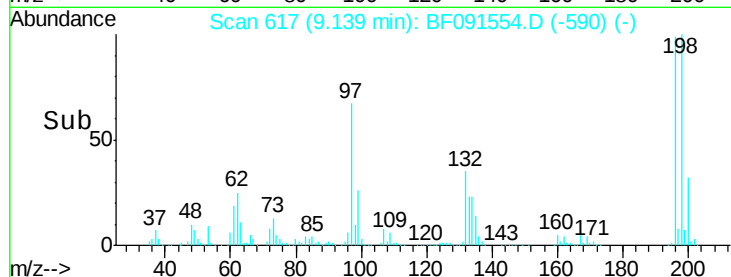
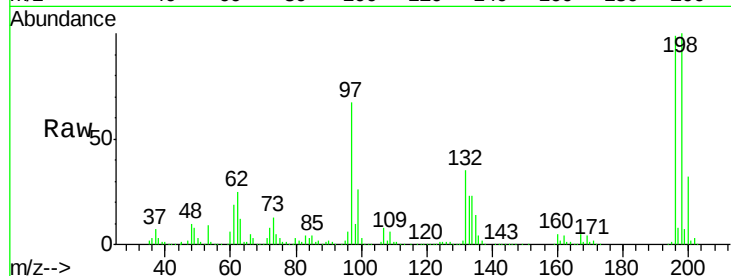




#43
 2,4,5-Trichlorophenol
 Concen: 41.31 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

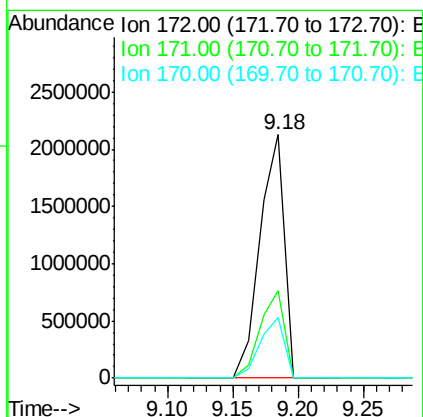
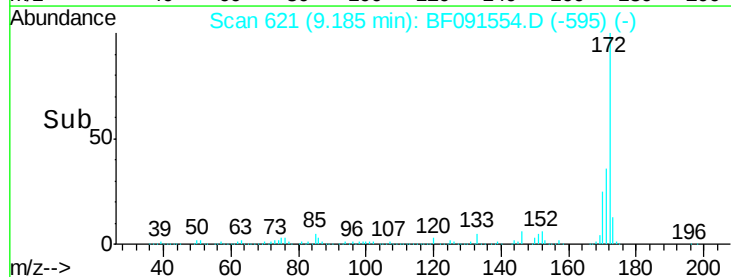
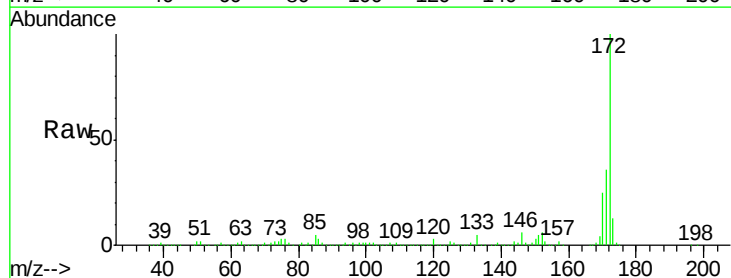
Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

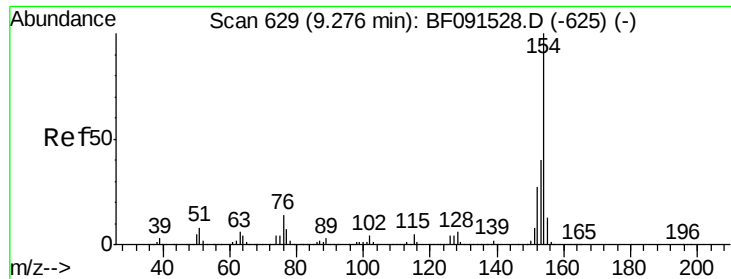
Tgt Ion	Resp	Lower	Upper
196	462567		
198	100	77.0	115.6
97	100.6	33.5	50.3#
132	67.2	20.5	30.7#



#44
 2-Fluorobiphenyl
 Concen: 77.39 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Tgt Ion	Resp	Lower	Upper
172	2769266		
171	100	29.4	44.0
170	36.2	19.7	29.5

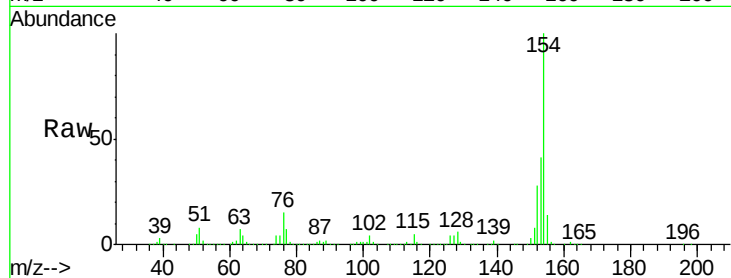




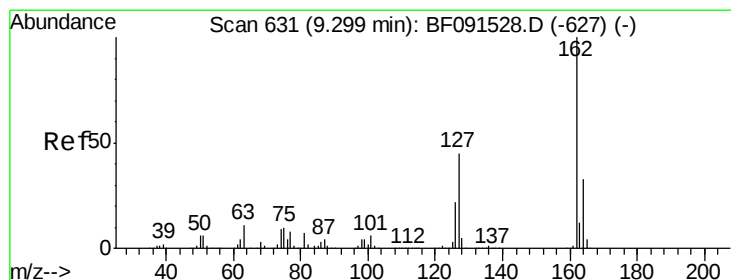
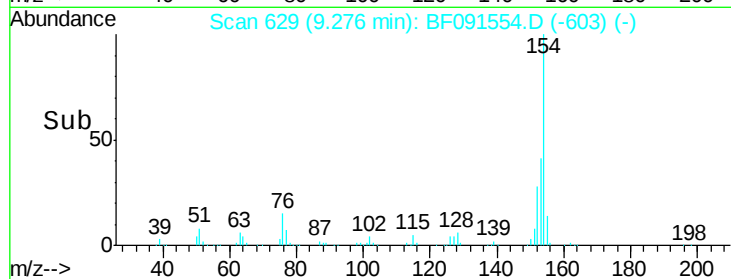
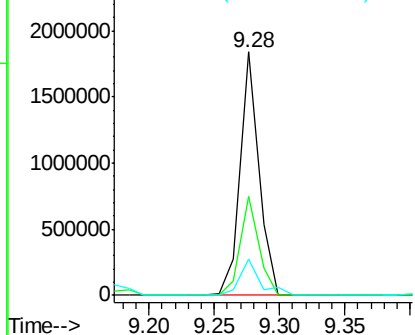
#45
 1,1'-Biphenyl
 Concen: 40.83 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

Tgt Ion:154 Resp: 1828329
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 15.0 0.0 36.6

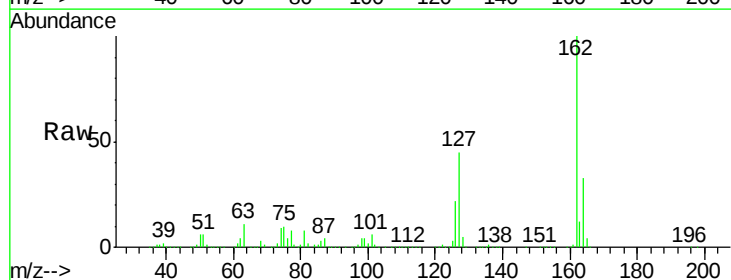


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

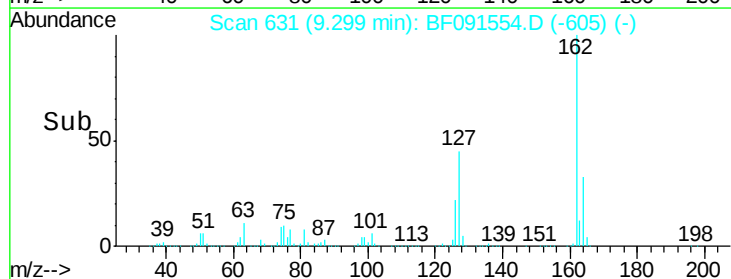
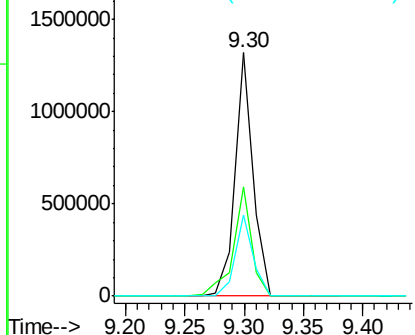


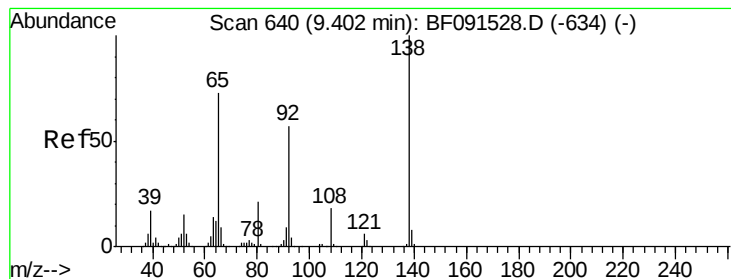
#46
 2-Chloronaphthalene
 Concen: 39.91 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Tgt Ion:162 Resp: 1384177
 Ion Ratio Lower Upper
 162 100
 127 44.6 34.3 51.5
 164 33.0 26.6 40.0



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: 47.00 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

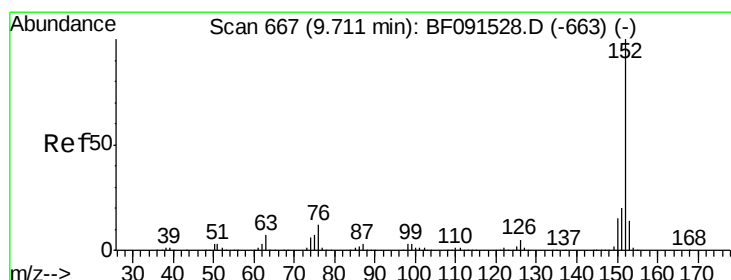
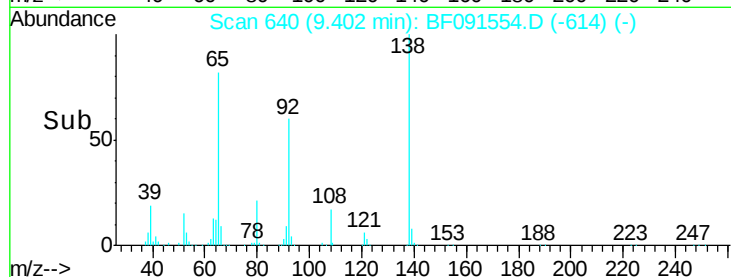
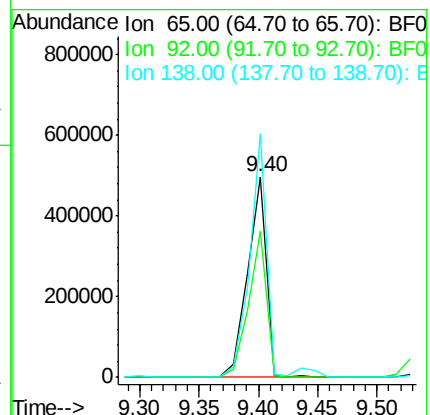
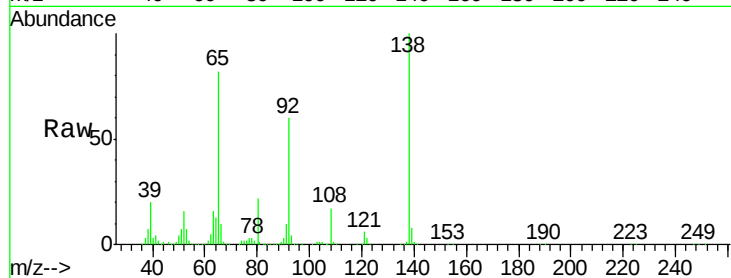
Tgt Ion: 65 Resp: 548131

Ion Ratio Lower Upper

65 100

92 73.3 53.6 80.4

138 121.4 91.0 136.6



#48

Acenaphthylene

Concen: 43.44 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

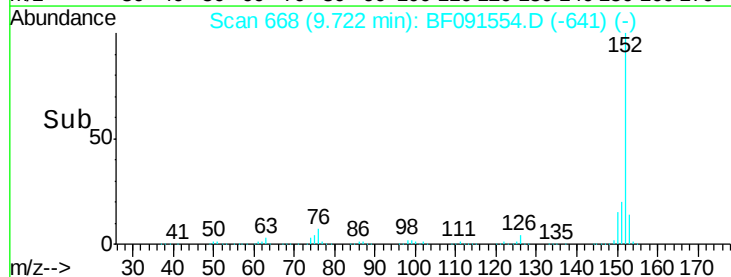
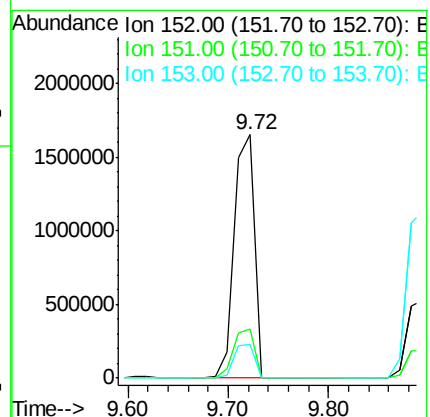
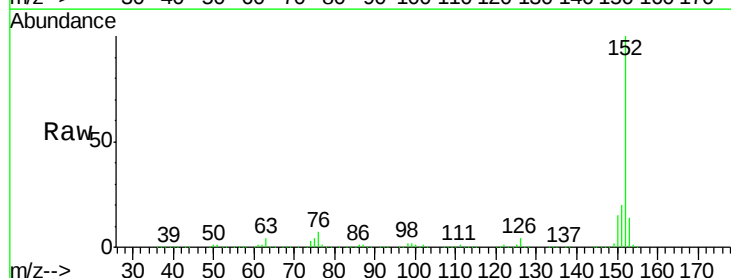
Tgt Ion: 152 Resp: 2296345

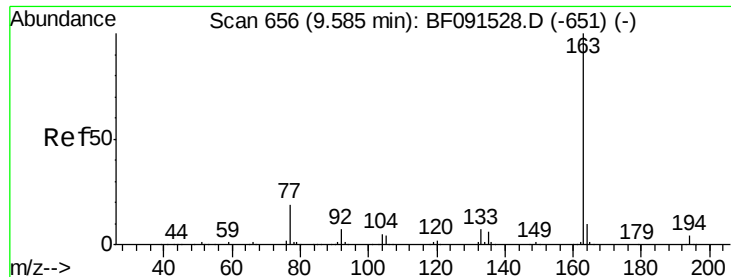
Ion Ratio Lower Upper

152 100

151 20.2 16.6 24.8

153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 63.64 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

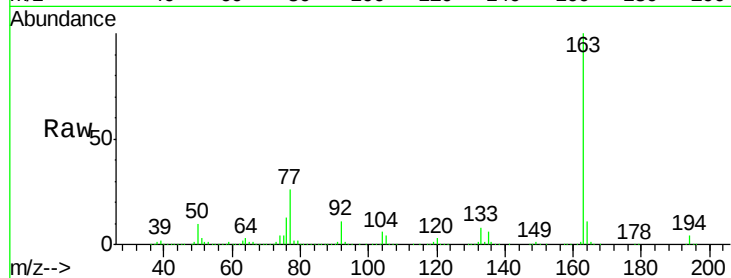
Tgt Ion:163 Resp: 2491522

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

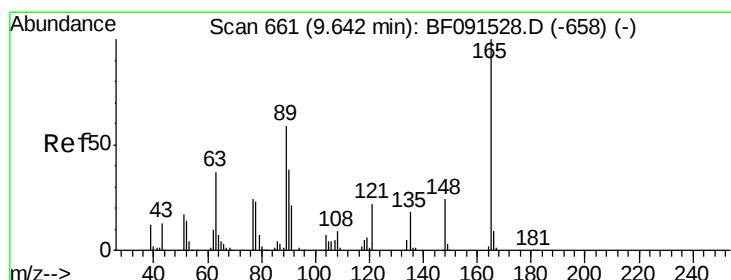
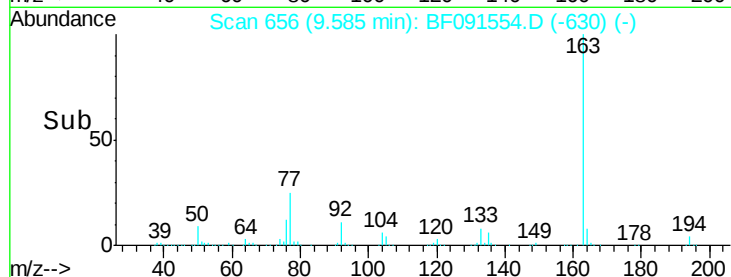
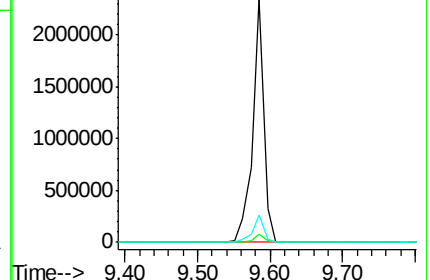
164 11.1 7.8 11.8



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: 43.31 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

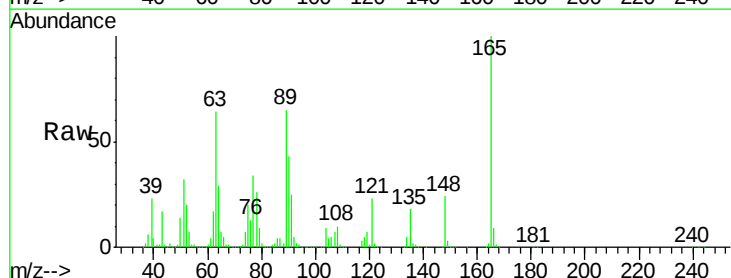
Tgt Ion:165 Resp: 372126

Ion Ratio Lower Upper

165 100

63 64.2 59.4 89.0

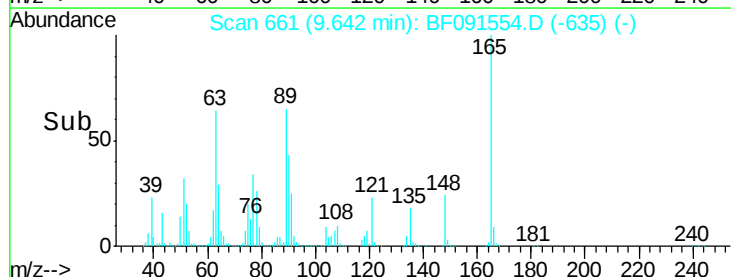
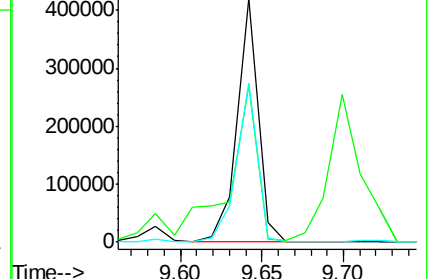
89 65.2 50.8 76.2

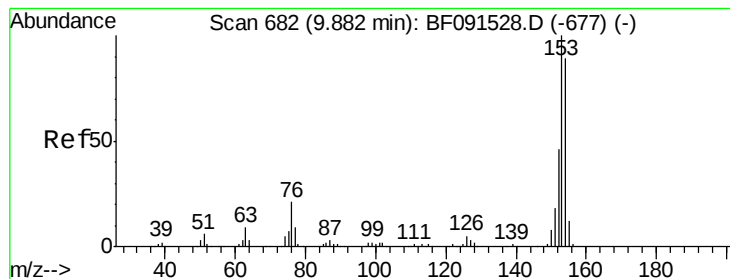


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.72 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

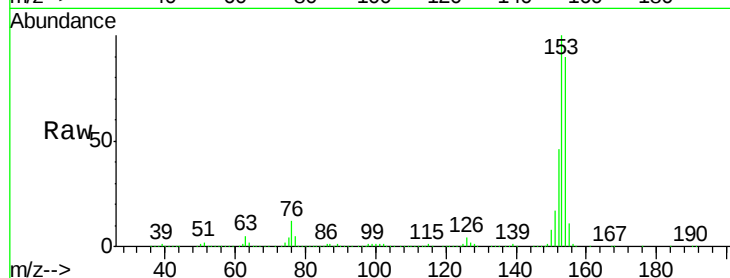
Tgt Ion:154 Resp: 1568590

Ion Ratio Lower Upper

154 100

153 111.5 91.0 136.6

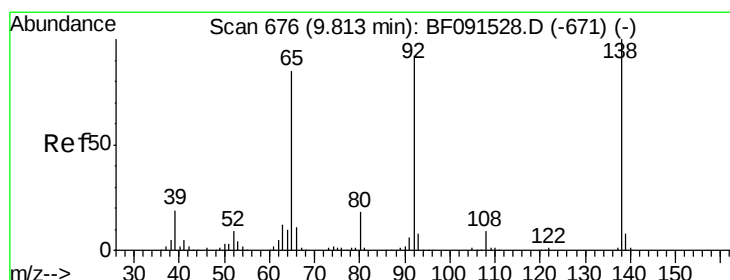
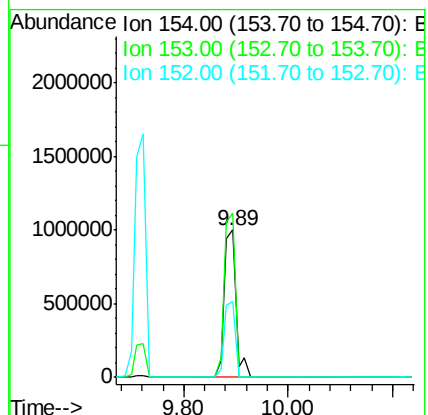
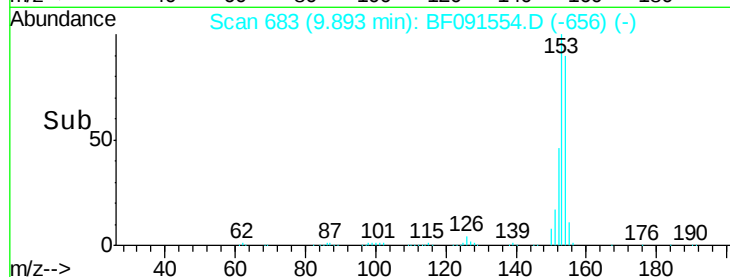
152 51.6 44.2 66.2



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: 17.29 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

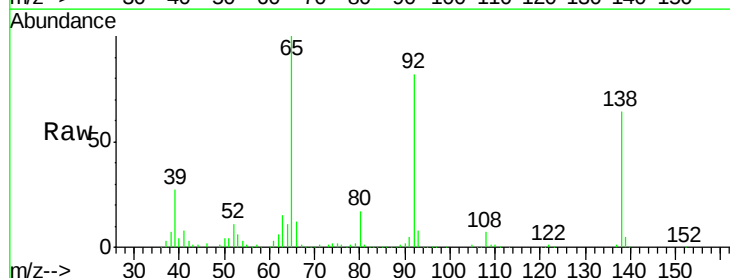
Tgt Ion:138 Resp: 174474

Ion Ratio Lower Upper

138 100

108 11.2 8.1 12.1

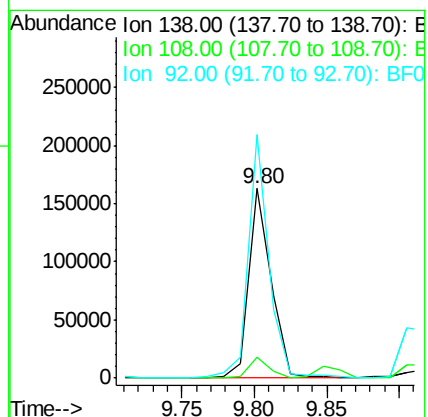
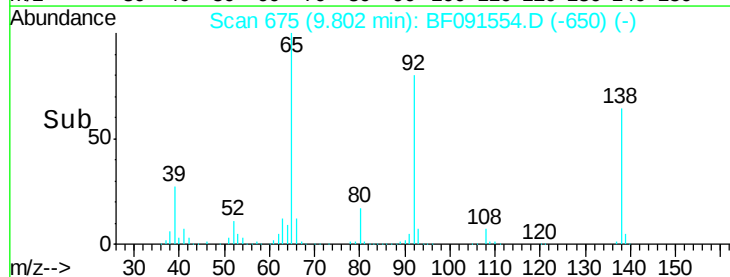
92 128.3 92.5 138.7

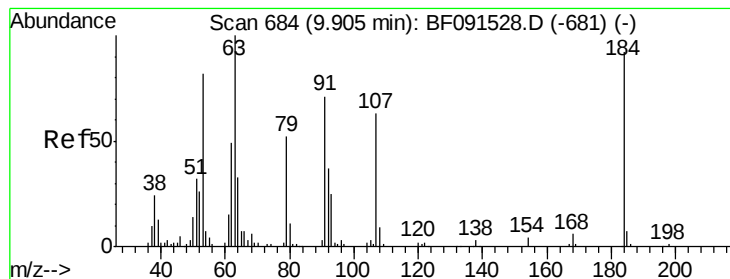


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 57.23 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

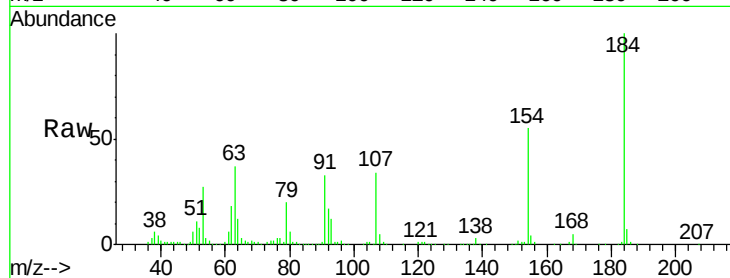
Tgt Ion:184 Resp: 251600

Ion Ratio Lower Upper

184 100

63 37.4 58.3 87.5#

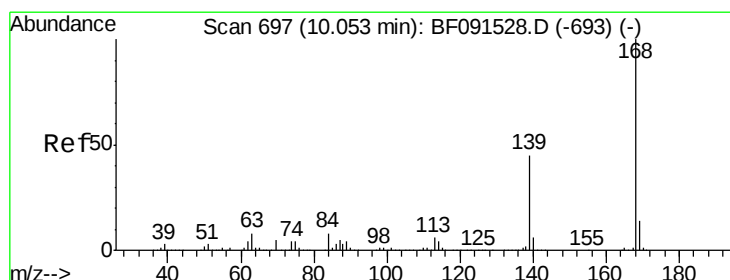
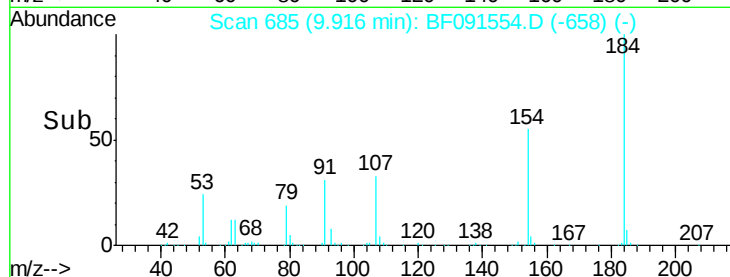
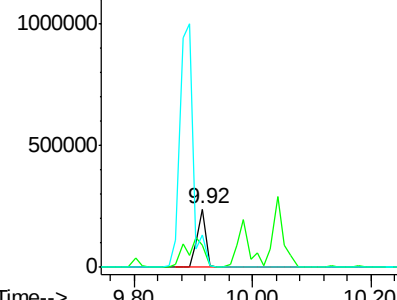
154 55.4 48.6 73.0



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: 45.80 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

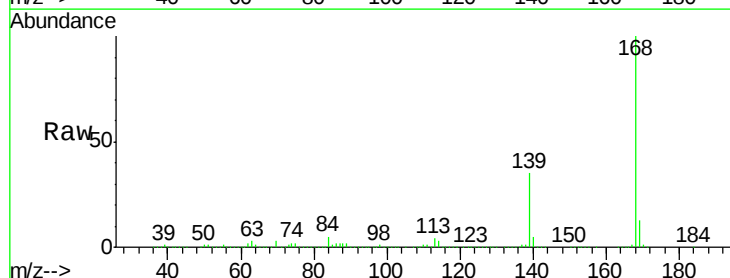
Tgt Ion:168 Resp: 2080658

Ion Ratio Lower Upper

168 100

139 35.3 33.4 50.2

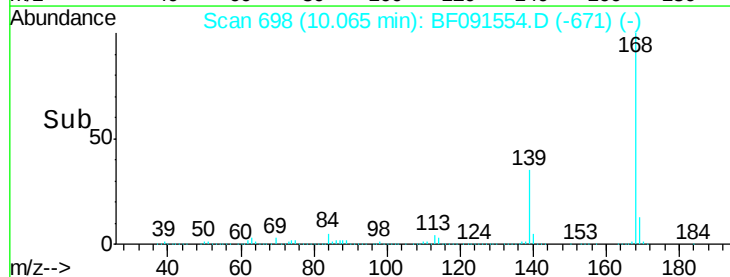
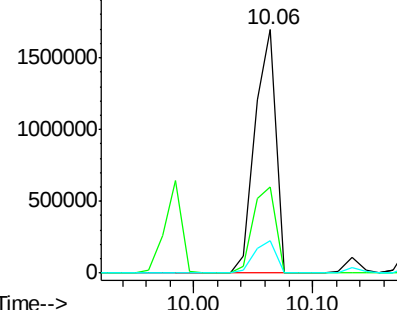
169 13.4 11.1 16.7

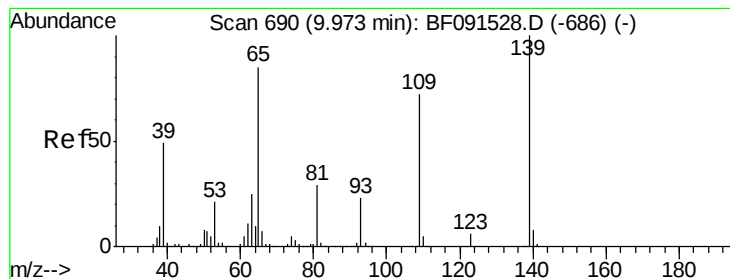


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 87.25 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Instrument :

BNA_F

ClientSampleId :

SS08-0-2INMSD

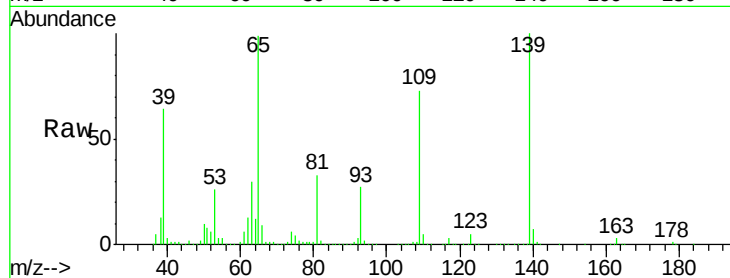
Tgt Ion:139 Resp: 655267

Ion Ratio Lower Upper

139 100

109 72.8 54.9 94.9

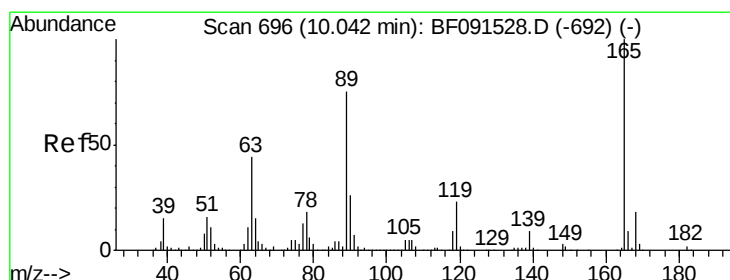
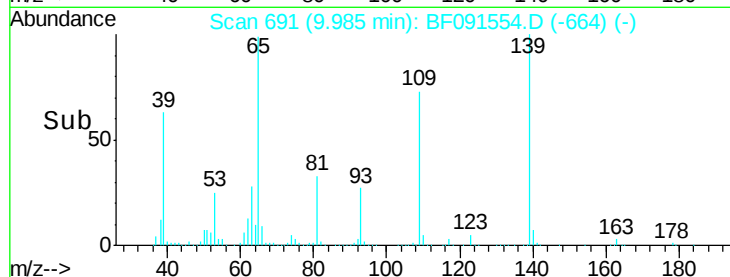
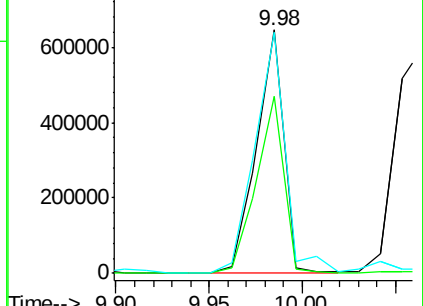
65 99.0 102.2 142.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.93 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF091554.D

Acq: 13 Dec 2016 15:22

Tgt Ion:165 Resp: 494720

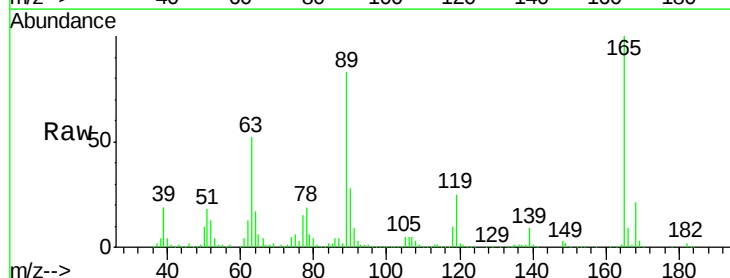
Ion Ratio Lower Upper

165 100

63 51.8 29.0 43.4#

89 82.9 43.1 64.7#

182 2.1 1.9 2.9

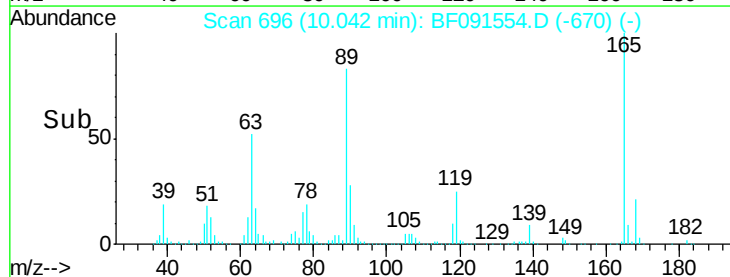
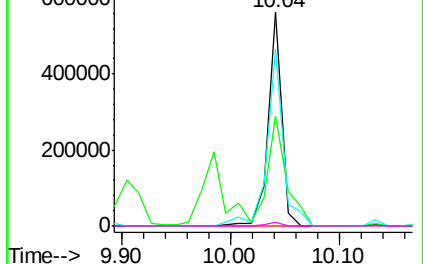


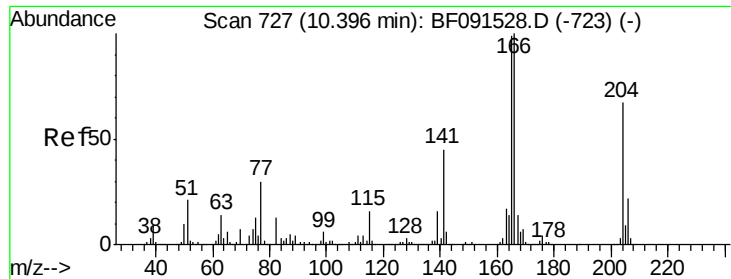
Abundance Ion 165.00 (164.70 to 165.70): E

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

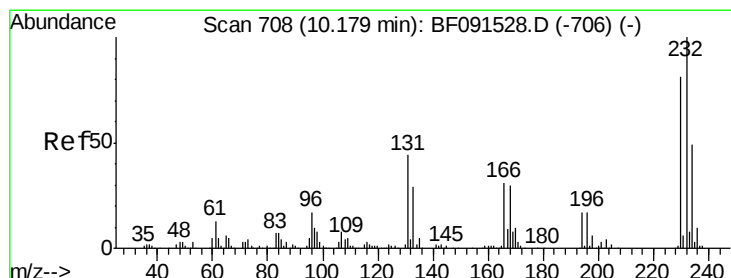
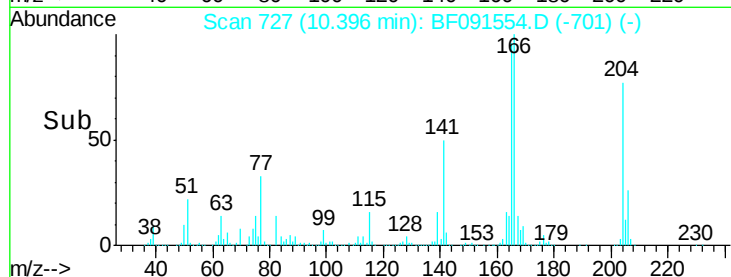
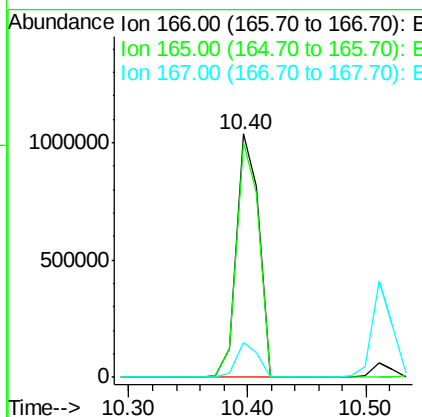
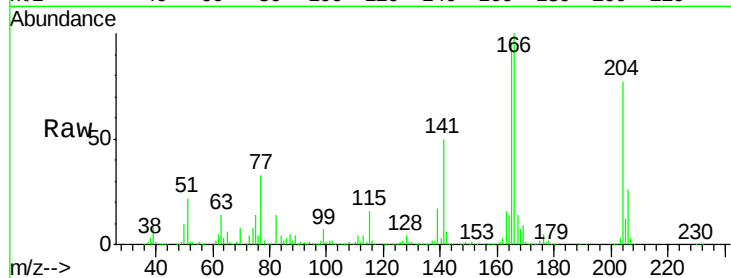




#57
Fluorene
 Concen: 41.71 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Instrument :
 BNA_F
 ClientSampleId :
 SS08-0-2INMSD

Tgt Ion:166 Resp: 1365657
 Ion Ratio Lower Upper
 166 100
 165 96.2 80.0 120.0
 167 14.2 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.94 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF091554.D
 Acq: 13 Dec 2016 15:22

Tgt Ion:232 Resp: 393952
 Ion Ratio Lower Upper
 232 100
 131 54.2 38.4 57.6
 130 2.6 1.8 2.8
 166 34.0 23.9 35.9

