

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
 Data File : BF091056.D
 Acq On : 7 Nov 2016 15:25
 Operator : UM/SJ
 Sample : H5510-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Quant Time: Nov 07 23:49:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	181682	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	763195	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	380381	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	649436	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	546576	20.00	ng	-0.03
86) Perylene-d12	15.21	264	426327	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1526999	138.81	ng	-0.01
7) Phenol-d6	6.33	99	1866016	124.97	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1201854	85.90	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	567368	164.99	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	2264664	102.50	ng	-0.02
78) Terphenyl-d14	12.79	244	2191510	100.06	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	185581	29.49	ng	99
3) Pyridine	2.89	79	256947	17.45	ng	95
4) n-Nitrosodimethylamine	2.83	42	225575	38.74	ng	94
6) Aniline	6.34	93	267429	15.18	ng	# 1
8) 2-Chlorophenol	6.46	128	490745	37.40	ng	# 80
9) Benzaldehyde	6.21	77	72357	8.73	ng	98
10) Phenol	6.34	94	526913	31.89	ng	# 77
11) bis(2-Chloroethyl)ether	6.42	93	550976	39.57	ng	91
12) 1,3-Dichlorobenzene	6.61	146	529856	39.92	ng	99
13) 1,4-Dichlorobenzene	6.69	146	521724	36.64	ng	99
14) 1,2-Dichlorobenzene	6.84	146	508253	38.89	ng	99
15) Benzyl Alcohol	6.83	79	407446	38.69	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.97	45	682400	34.22	ng	99
17) 2-Methylphenol	6.94	107	408823	39.36	ng	99
18) Hexachloroethane	7.18	117	206263	37.43	ng	99
19) n-Nitroso-di-n-propylamine	7.10	70	408637	39.49	ng	# 89
20) 3+4-Methylphenols	7.10	107	529314	42.44	ng	94
22) Acetophenone	7.09	105	729313	41.50	ng	95
24) Nitrobenzene	7.26	77	588589	38.09	ng	98
25) Isophorone	7.50	82	1051833	39.02	ng	98
26) 2-Nitrophenol	7.58	139	276927	42.35	ng	# 69
27) 2,4-Dimethylphenol	7.63	122	466547	43.14	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	649798	44.12	ng	99
29) 2,4-Dichlorophenol	7.82	162	394140	41.76	ng	97
30) 1,2,4-Trichlorobenzene	7.90	180	453886	42.77	ng	99
31) Naphthalene	7.98	128	1500467	41.11	ng	99
32) Benzoic acid	7.72	122	14760	6.64	ng	93
33) 4-Chloroaniline	8.04	127	142830	9.41	ng	97
34) Hexachlorobutadiene	8.10	225	220590	38.51	ng	99
35) Caprolactam	8.42	113	46812	15.79	ng	96
36) 4-Chloro-3-methylphenol	8.53	107	461023	40.35	ng	87
37) 2-Methylnaphthalene	8.67	142	919427	39.19	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	426014	43.93	ng	99
40) Hexachlorocyclopentadiene	8.83	237	367722	96.23	ng	98

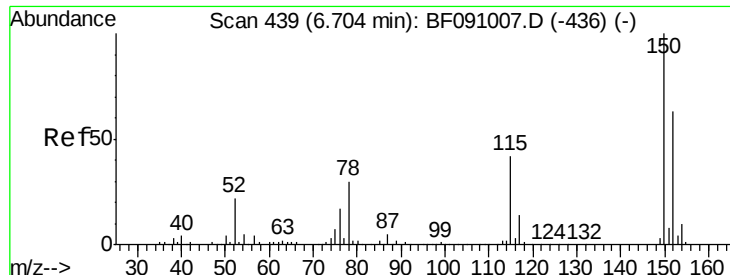
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	266779	42.61	ng	96
43) 2,4,5-Trichlorophenol	9.01	196	303037	46.10	ng	95
45) 1,1'-Biphenyl	9.14	154	1093399	39.37	ng	100
46) 2-Chloronaphthalene	9.16	162	886294	42.03	ng	99
47) 2-Nitroaniline	9.26	65	296928	37.94	ng	94
48) Acenaphthylene	9.57	152	1300108	39.56	ng	100
49) Dimethylphthalate	9.46	163	1629664	65.34	ng	# 98
50) 2,6-Dinitrotoluene	9.52	165	260173	48.67	ng	# 64
51) Acenaphthene	9.74	154	776825	37.65	ng	100
52) 3-Nitroaniline	9.68	138	134915	21.28	ng	93
53) 2,4-Dinitrophenol	9.79	184	141998	51.21	ng	# 81
54) Dibenzofuran	9.92	168	1247048	44.90	ng	100
55) 4-Nitrophenol	9.86	139	302714	72.30	ng	94
56) 2,4-Dinitrotoluene	9.92	165	291580	42.87	ng	# 72
57) Fluorene	10.26	166	918762	40.47	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	218986	42.53	ng	97
59) Diethylphthalate	10.16	149	1105687	43.24	ng	97
60) 4-Chlorophenyl-phenylether	10.26	204	482971	46.75	ng	93
61) 4-Nitroaniline	10.30	138	248989	38.83	ng	90
62) Azobenzene	10.42	77	1201643	39.92	ng	95
64) 4,6-Dinitro-2-methylphenol	10.33	198	136871	34.42	ng	# 52
65) n-Nitrosodiphenylamine	10.38	169	914659	44.31	ng	100
66) 4-Bromophenyl-phenylether	10.75	248	273267	40.45	ng	# 67
67) Hexachlorobenzene	10.81	284	303324	40.71	ng	95
68) Atrazine	10.91	200	242094	40.65	ng	95
69) Pentachlorophenol	11.01	266	269050	81.53	ng	100
70) Phenanthrene	11.22	178	1406894	40.75	ng	99
71) Anthracene	11.28	178	1536251	41.86	ng	99
72) Carbazole	11.44	167	1391307	42.06	ng	97
73) Di-n-butylphthalate	11.77	149	1518350	36.50	ng	98
74) Fluoranthene	12.41	202	1510244	42.18	ng	88
76) Benzidine	12.53	184	113965	9.33	ng	96
77) Pyrene	12.63	202	1396924	39.03	ng	99
79) Butylbenzylphthalate	13.27	149	718137	41.94	ng	# 73
80) Benzo(a)anthracene	13.81	228	1292194	41.64	ng	100
81) 3,3'-Dichlorobenzidine	13.79	252	210777	19.33	ng	99
82) Chrysene	13.86	228	1333968	43.59	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	891083	38.46	ng	# 96
84) Di-n-octyl phthalate	14.43	149	1451003	38.09	ng	97
85) Indeno(1,2,3-cd)pyrene	16.51	276	1035930	40.80	ng	98
87) Benzo(b)fluoranthene	14.85	252	2236407	77.34	ng	98
88) Benzo(k)fluoranthene	14.85	252	2236407	88.17	ng	97
89) Benzo(a)pyrene	15.15	252	985709	39.16	ng	# 97
90) Dibenzo(a,h)anthracene	16.52	278	881243	40.50	ng	# 95
91) Benzo(g,h,i)perylene	16.89	276	791064	40.20	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 436

Delta R.T. -0.03 min

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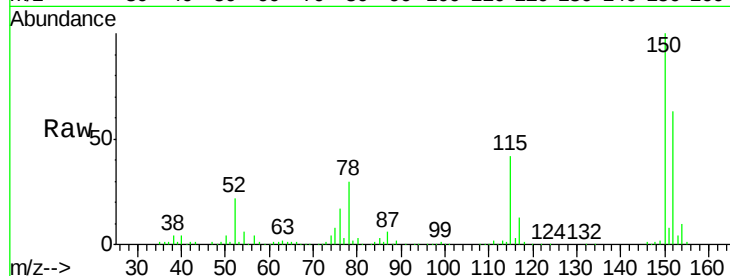
Tgt Ion:152 Resp: 181682

Ion Ratio Lower Upper

152 100

150 158.0 126.8 190.2

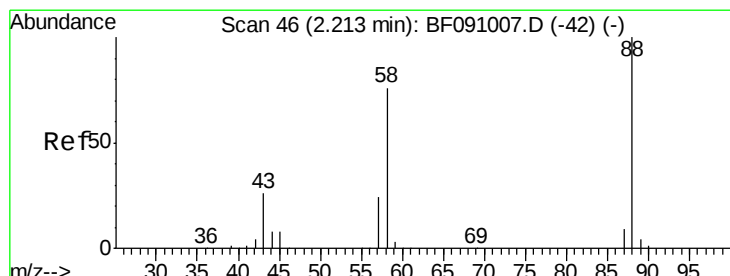
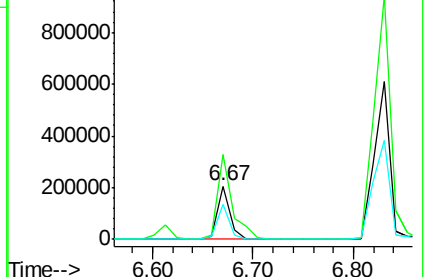
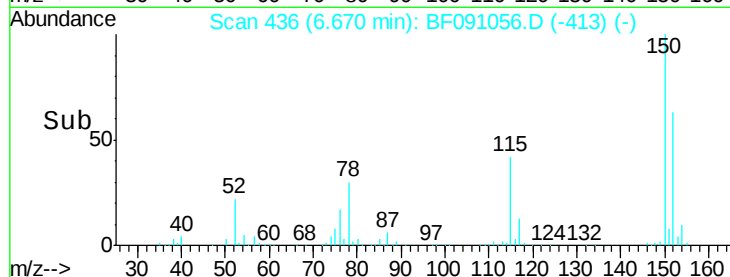
115 66.3 53.3 79.9



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: 29.49 ng

RT: 2.22 min Scan# 47

Delta R.T. 0.01 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

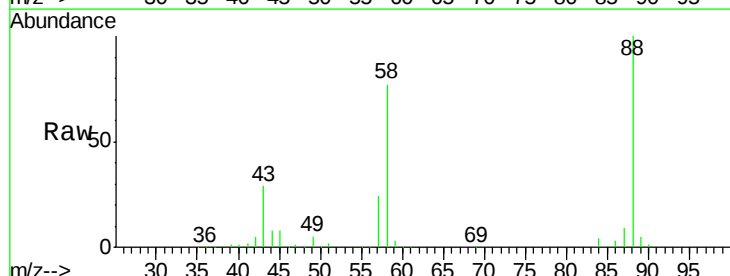
Tgt Ion: 88 Resp: 185581

Ion Ratio Lower Upper

88 100

58 80.8 63.8 95.6

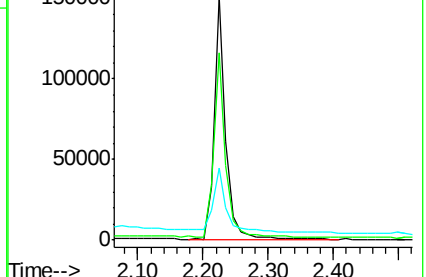
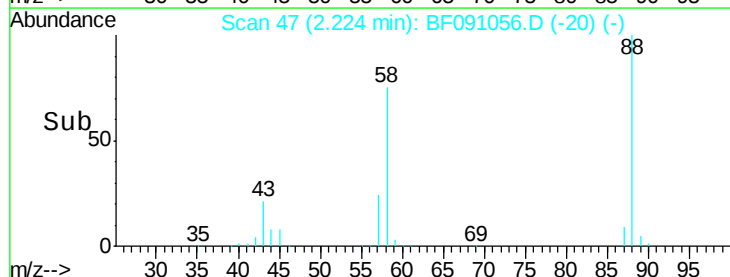
43 28.3 22.6 33.8

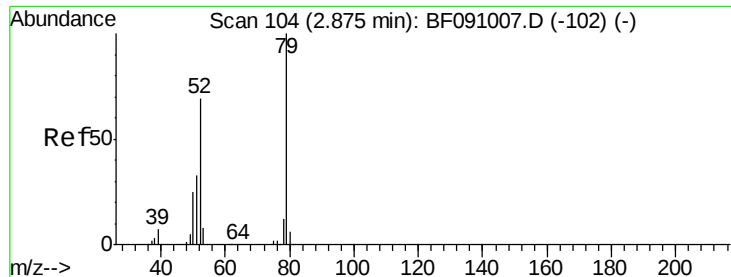


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

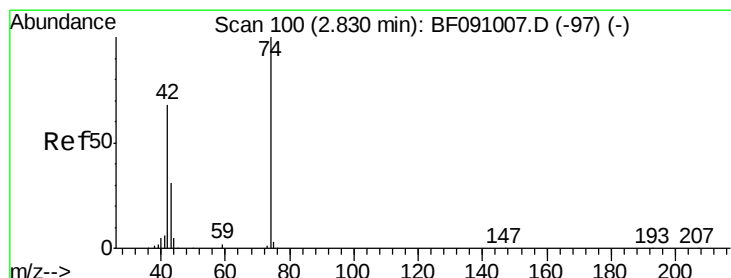
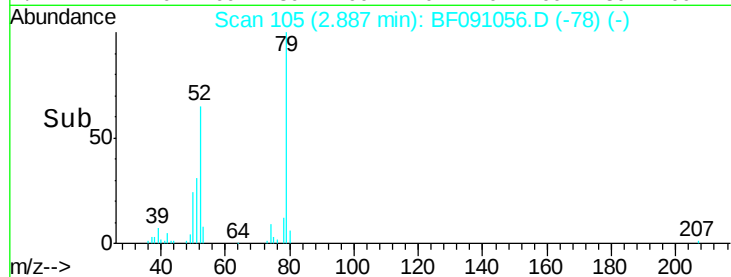
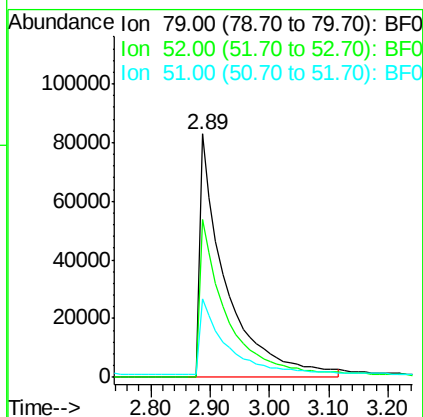
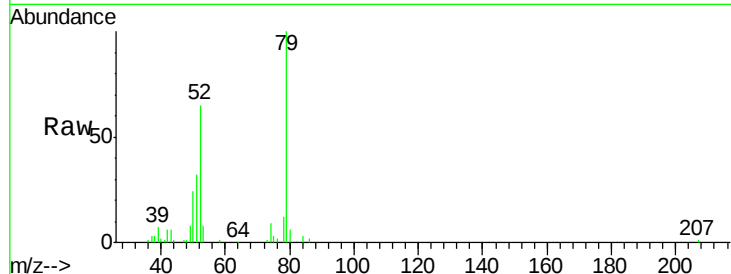




#3
 Pyridine
 Concen: 17.45 ng
 RT: 2.89 min Scan# 105
 Delta R.T. 0.01 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

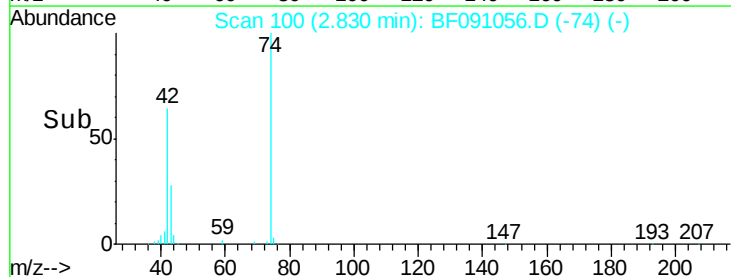
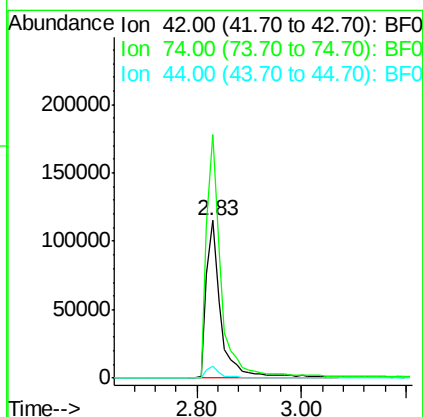
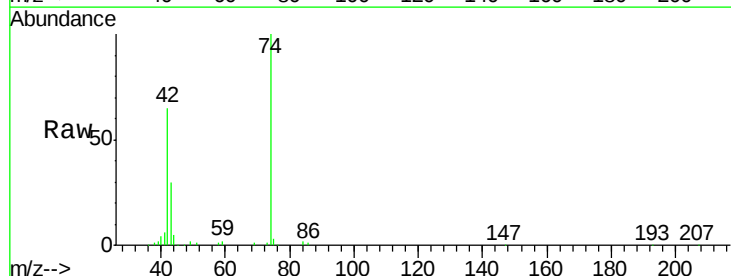
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

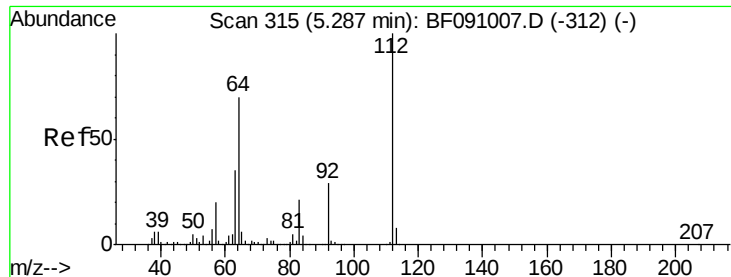
Tgt Ion: 79 Resp: 256947
 Ion Ratio Lower Upper
 79 100
 52 65.1 55.4 83.0
 51 32.1 27.4 41.0



#4
 n-Nitrosodimethylamine
 Concen: 38.74 ng
 RT: 2.83 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion: 42 Resp: 225575
 Ion Ratio Lower Upper
 42 100
 74 154.8 117.3 175.9
 44 7.2 5.8 8.8





#5

2-Fluorophenol

Concen: 138.81 ng

RT: 5.28 min Scan# 314

Delta R.T. -0.01 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

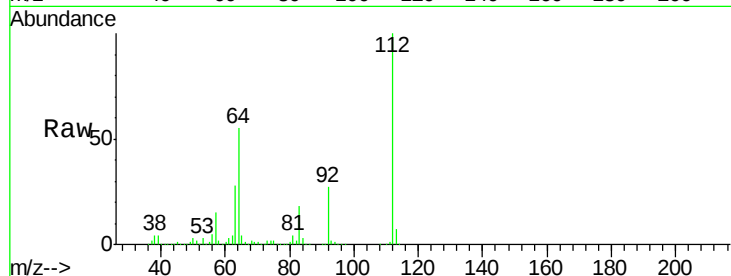
Tgt Ion:112 Resp: 1526999

Ion Ratio Lower Upper

112 100

64 54.9 55.8 83.6#

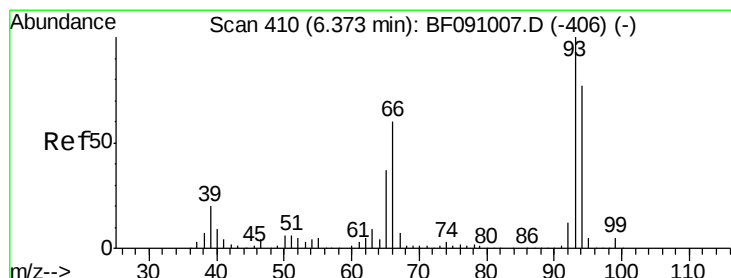
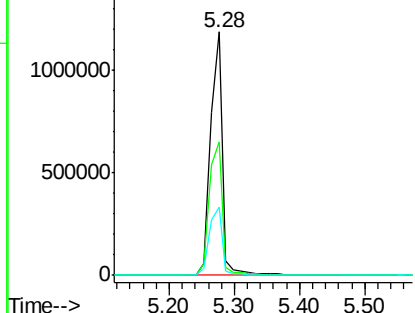
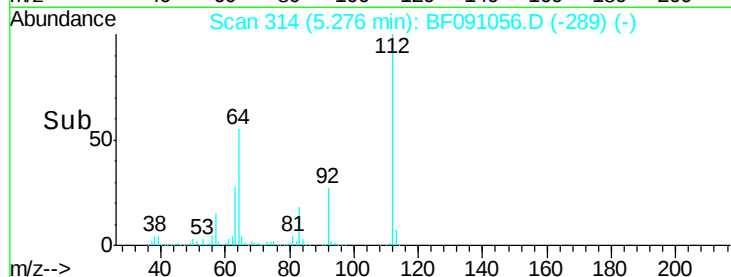
63 27.8 28.0 42.0#



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: 15.18 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

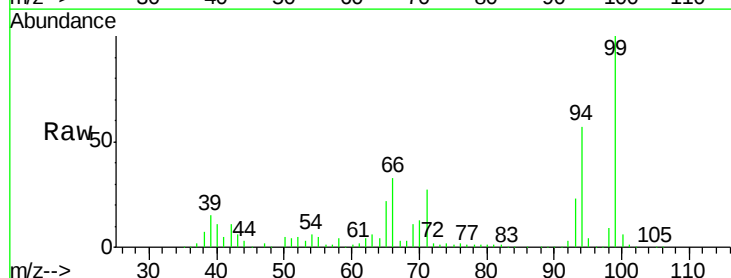
Tgt Ion: 93 Resp: 267429

Ion Ratio Lower Upper

93 100

66 146.7 48.2 72.2#

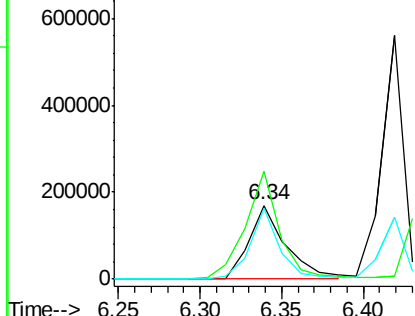
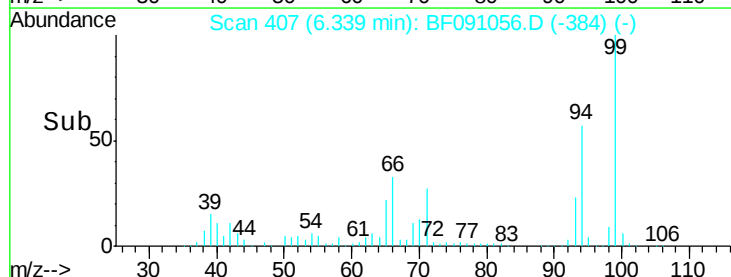
65 95.6 29.4 44.0#

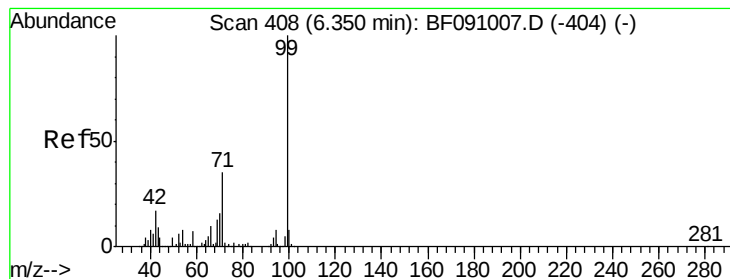


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.97 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.02 min

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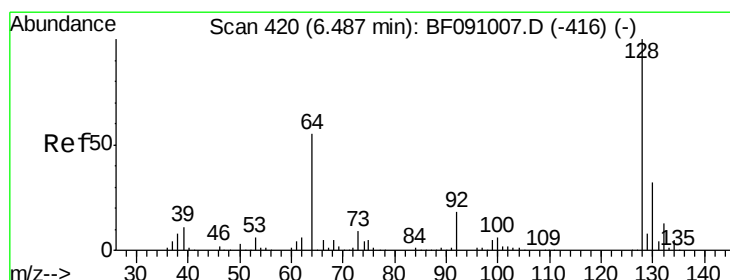
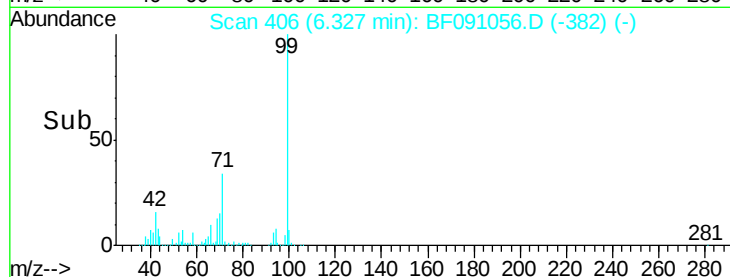
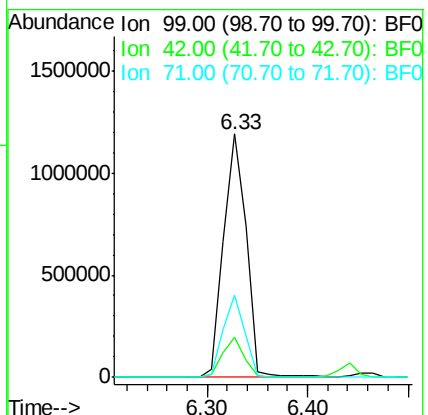
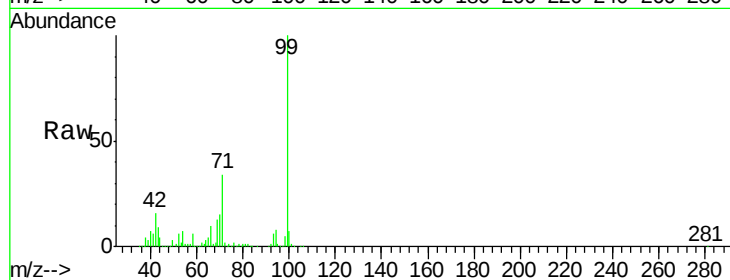
Tgt Ion: 99 Resp: 1866016

Ion Ratio Lower Upper

99 100

42 16.4 13.9 20.9

71 33.8 27.8 41.8



#8

2-Chlorophenol

Concen: 37.40 ng

RT: 6.46 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

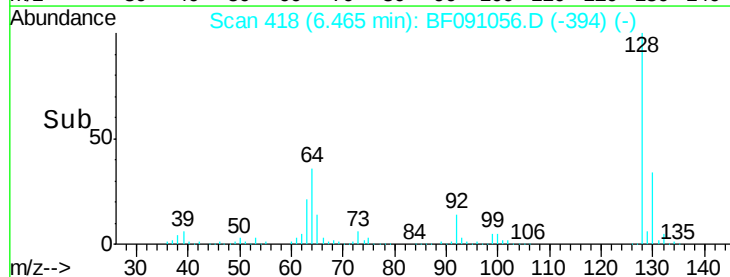
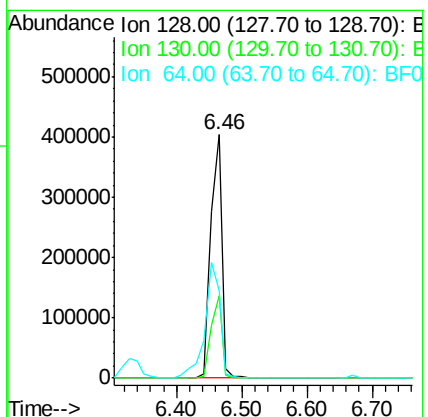
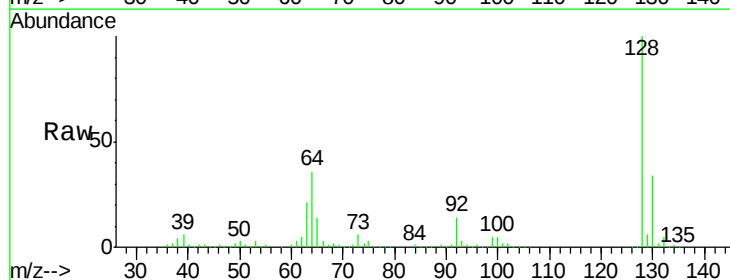
Tgt Ion: 128 Resp: 490745

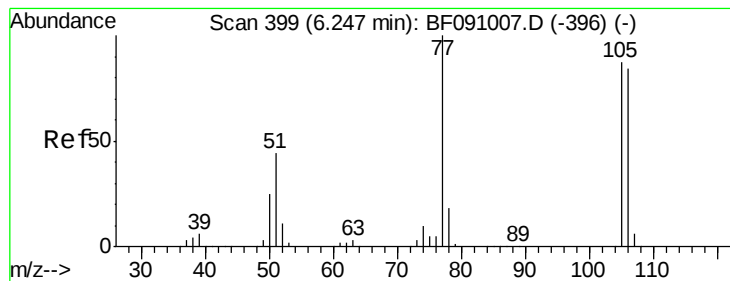
Ion Ratio Lower Upper

128 100

130 33.7 12.0 52.0

64 35.8 37.2 77.2#





#9

Benzaldehyde

Concen: 8.73 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.03 min

Lab File: BF091056.D

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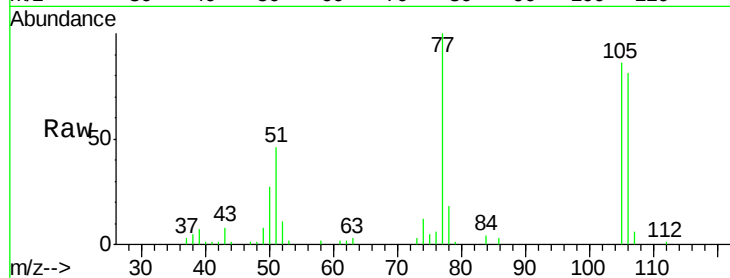
Tgt Ion: 77 Resp: 72357

Ion Ratio Lower Upper

77 100

105 85.6 66.8 106.8

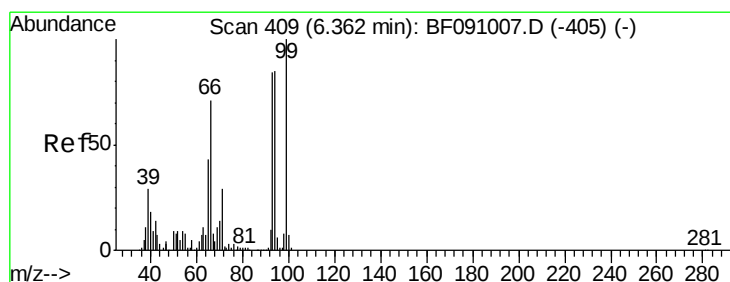
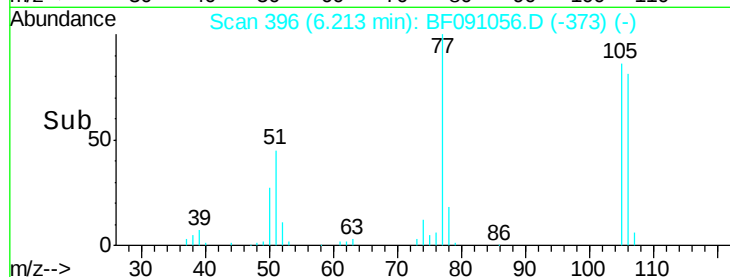
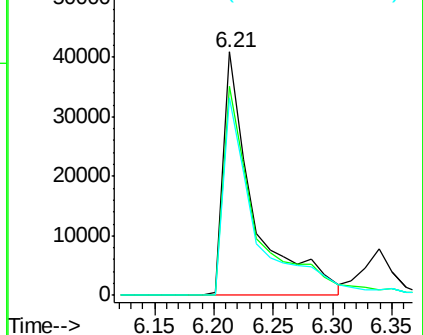
106 80.9 64.0 104.0



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: 31.89 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

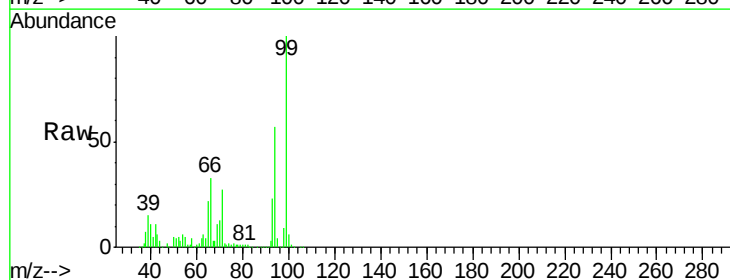
Tgt Ion: 94 Resp: 526913

Ion Ratio Lower Upper

94 100

65 38.2 30.4 70.4

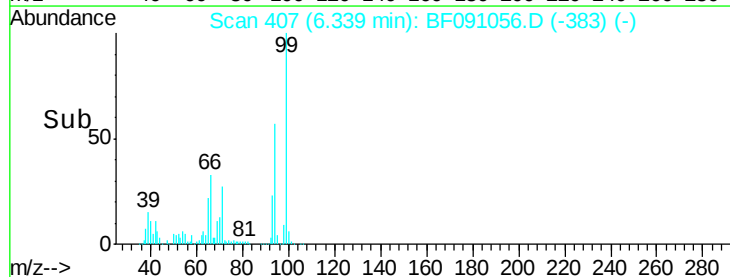
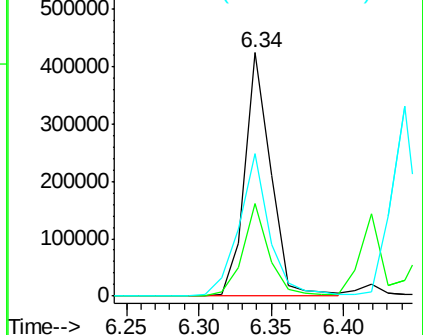
66 58.6 62.9 102.9#

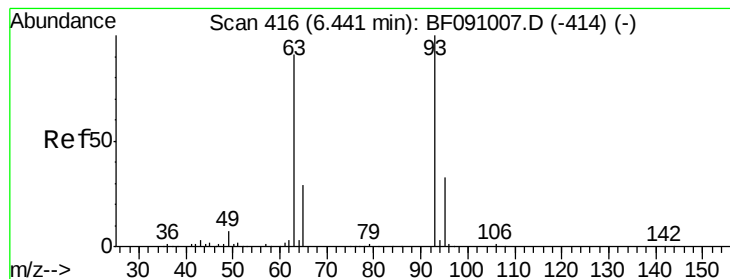


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.57 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

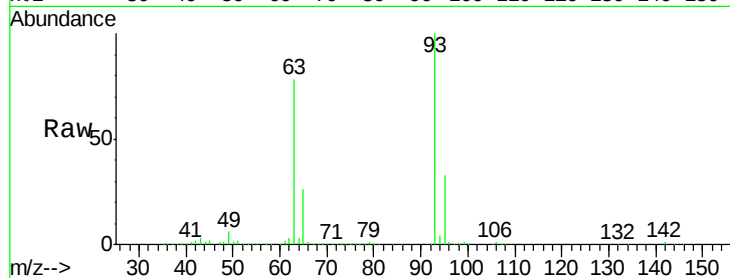
Tgt Ion: 93 Resp: 550976

Ion Ratio Lower Upper

93 100

63 77.8 68.9 108.9

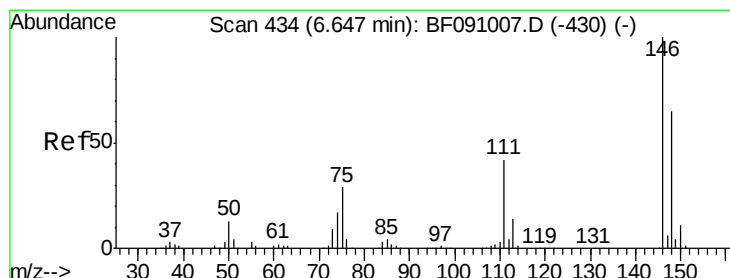
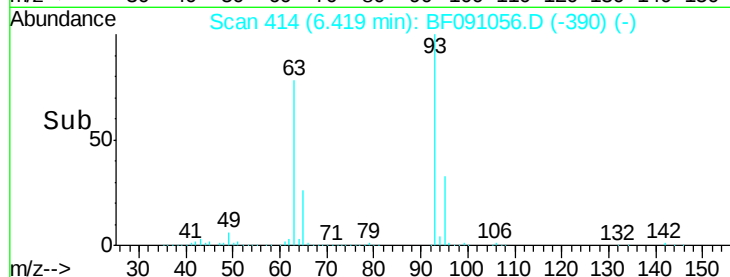
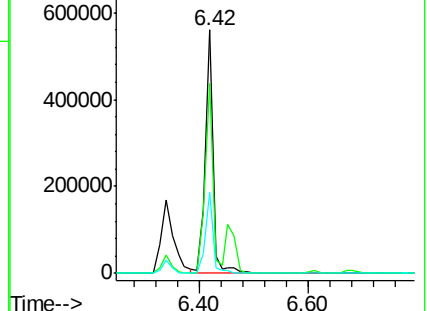
95 33.2 12.3 52.3



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: 39.92 ng

RT: 6.61 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

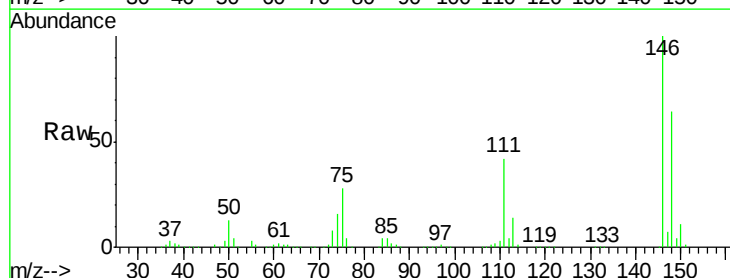
Tgt Ion: 146 Resp: 529856

Ion Ratio Lower Upper

146 100

148 64.4 52.0 78.0

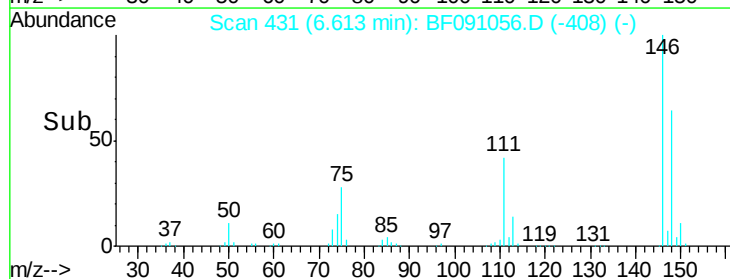
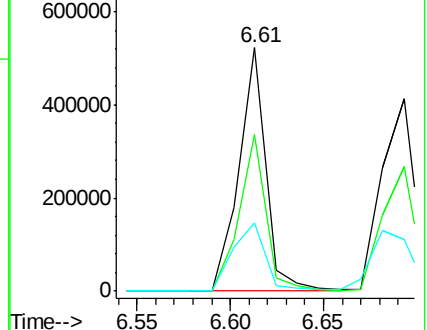
75 28.2 23.0 34.6

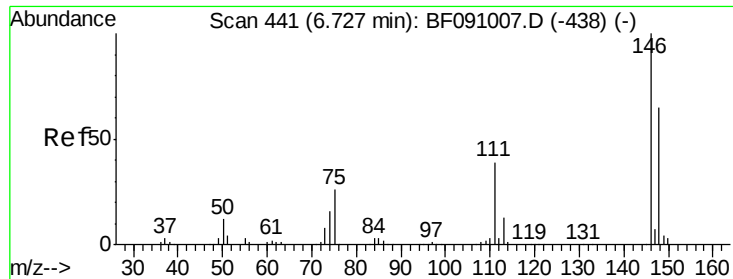


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

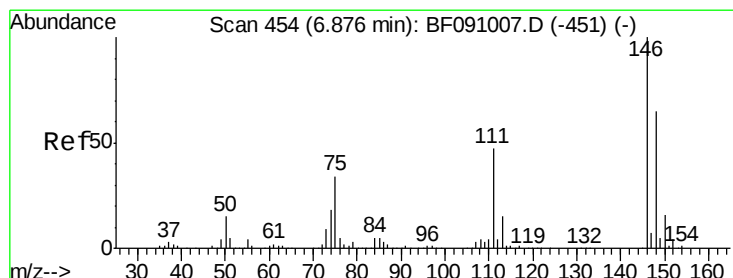
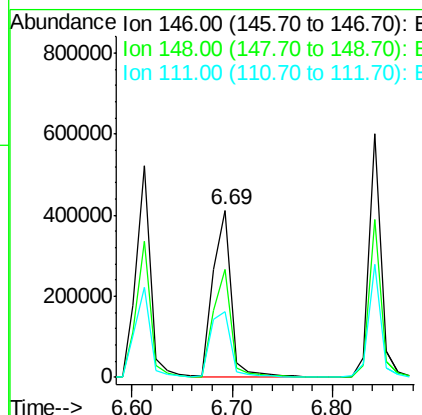
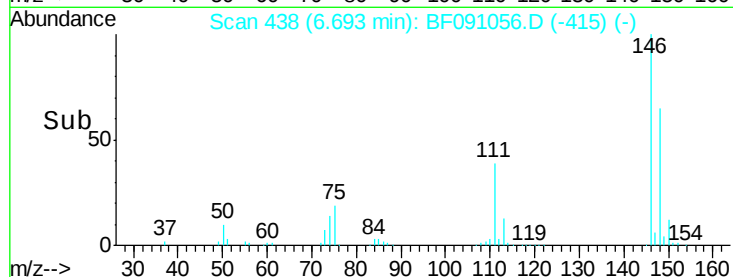
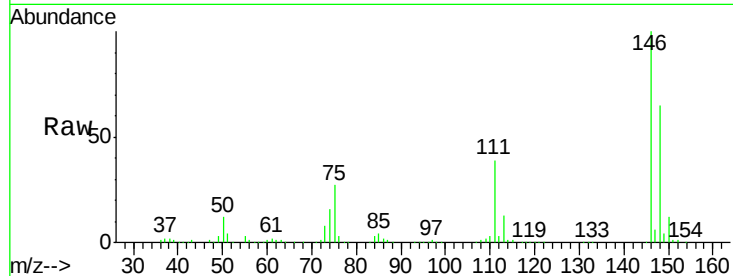




#13
 1,4-Dichlorobenzene
 Concen: 36.64 ng
 RT: 6.69 min Scan# 438
 Delta R.T. -0.03 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

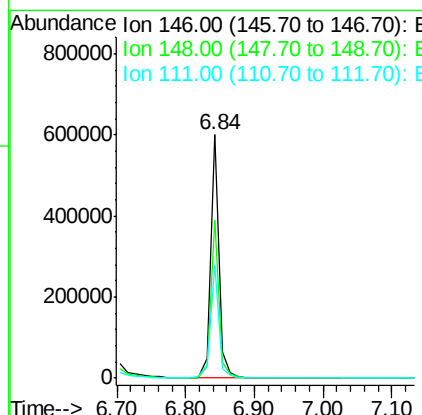
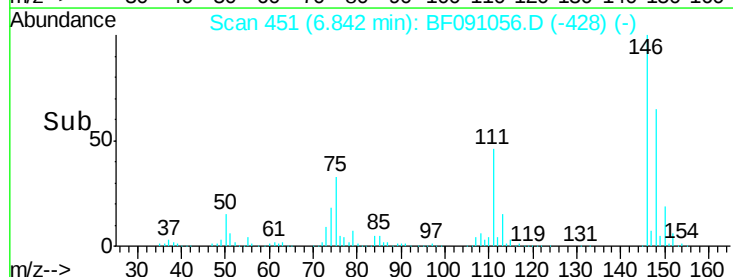
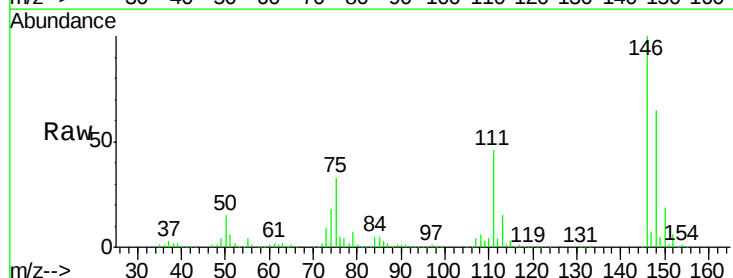
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

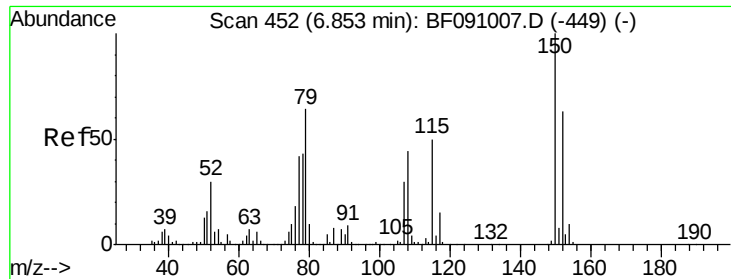
Tgt Ion:146 Resp: 521724
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.1 78.1
 111 39.1 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 38.89 ng
 RT: 6.84 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion:146 Resp: 508253
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.6 77.4
 111 46.2 37.3 55.9





#15

Benzyl Alcohol

Concen: 38.69 ng

RT: 6.83 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

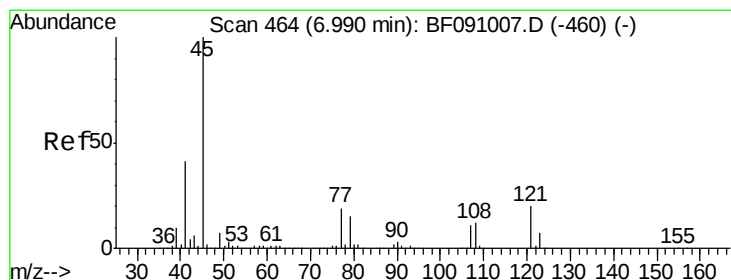
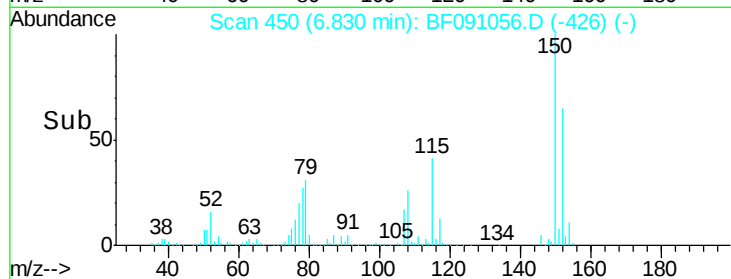
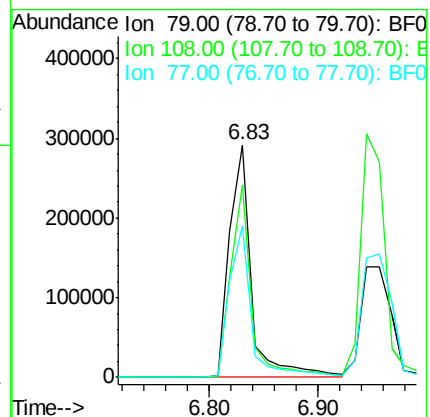
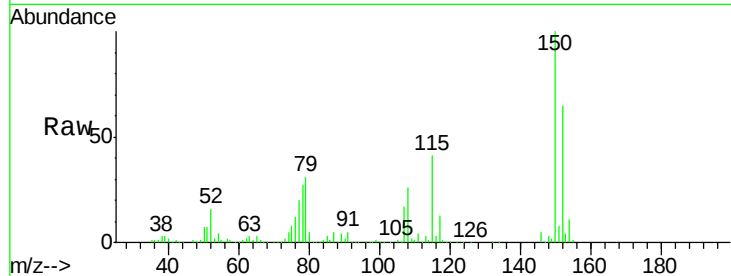
Tgt Ion: 79 Resp: 407446

Ion Ratio Lower Upper

79 100

108 82.7 55.7 83.5

77 65.1 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.22 ng

RT: 6.97 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

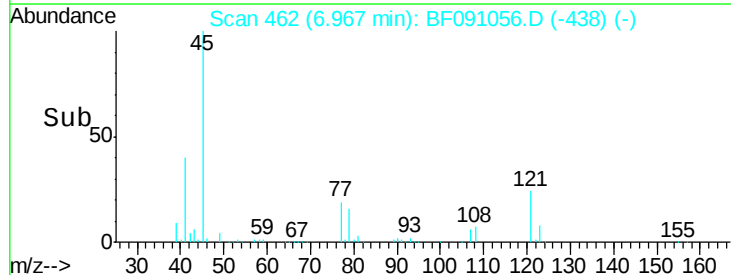
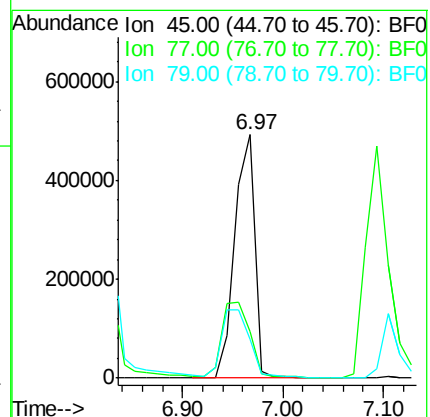
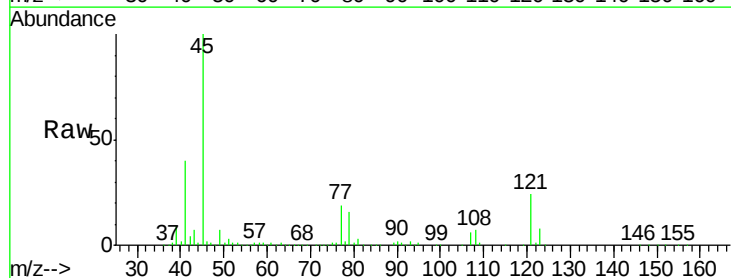
Tgt Ion: 45 Resp: 682400

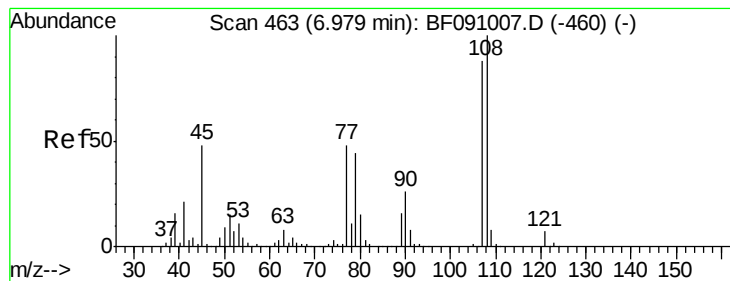
Ion Ratio Lower Upper

45 100

77 19.2 0.0 39.6

79 15.8 0.0 35.9





#17

2-Methylphenol

Concen: 39.36 ng

RT: 6.94 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tgt Ion:107 Resp: 408823

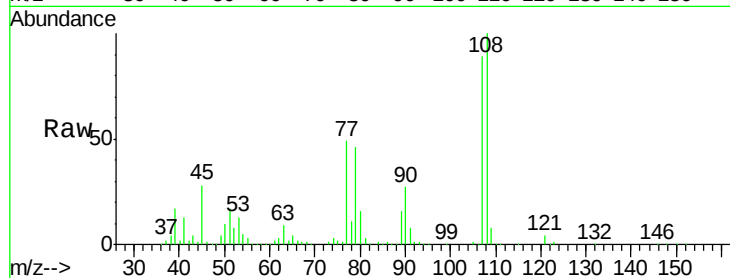
Ion Ratio Lower Upper

107 100

108 112.2 91.0 136.6

77 55.1 43.8 65.8

79 51.1 40.6 60.8

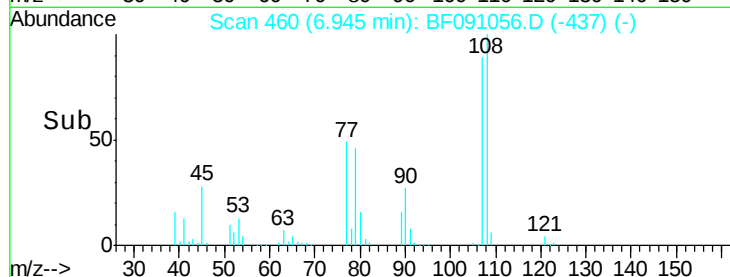


Abundance Ion 107.00 (106.70 to 107.70): E

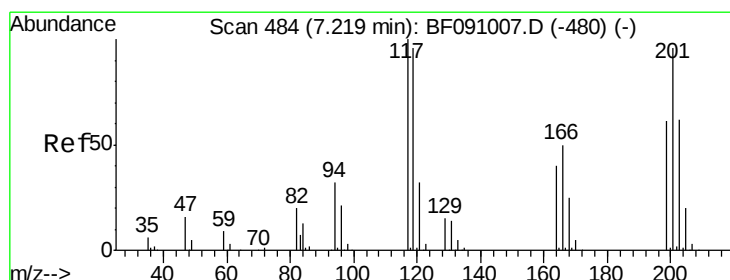
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 37.43 ng

RT: 7.18 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

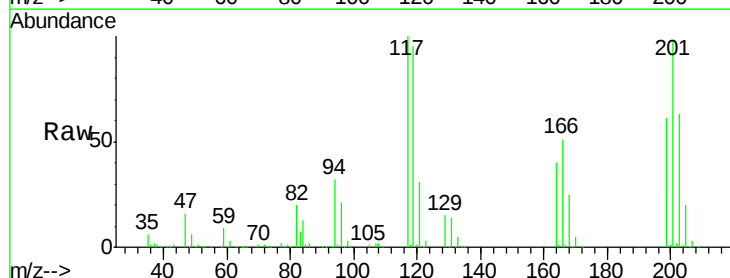
Tgt Ion:117 Resp: 206263

Ion Ratio Lower Upper

117 100

119 95.4 76.6 115.0

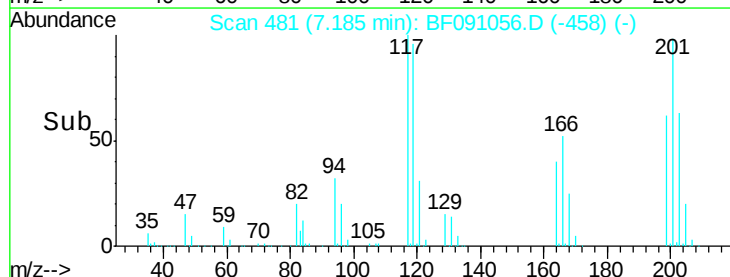
201 98.0 77.1 115.7



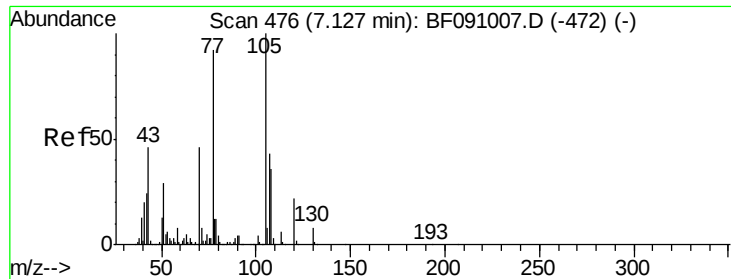
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



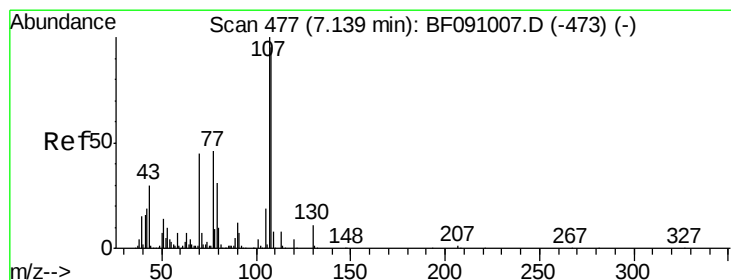
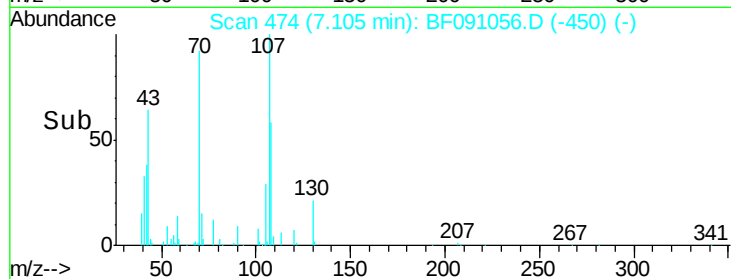
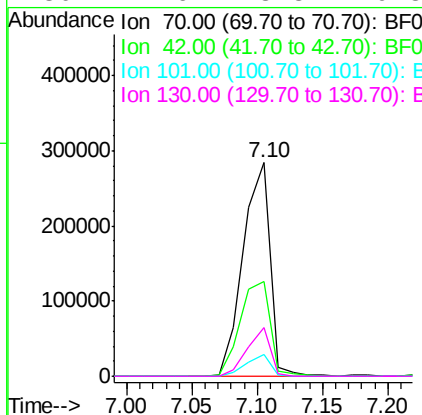
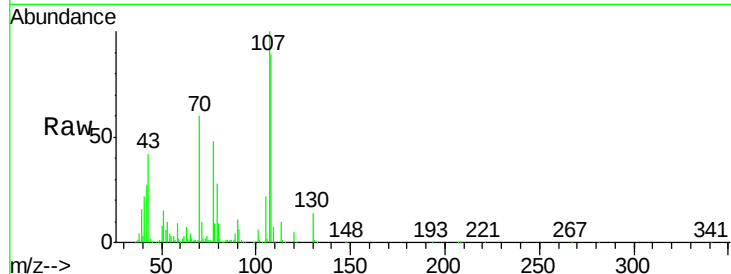
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 39.49 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

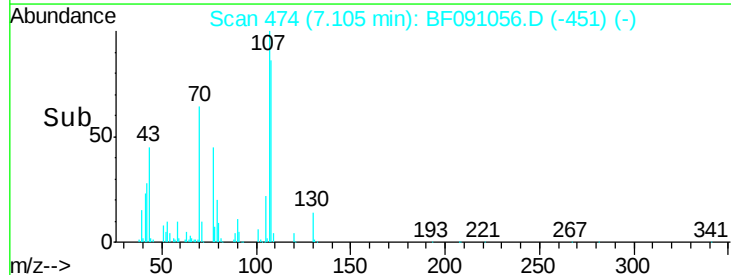
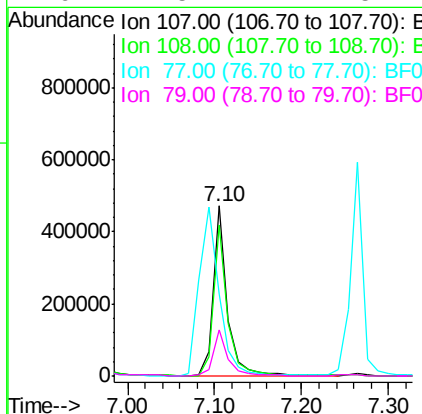
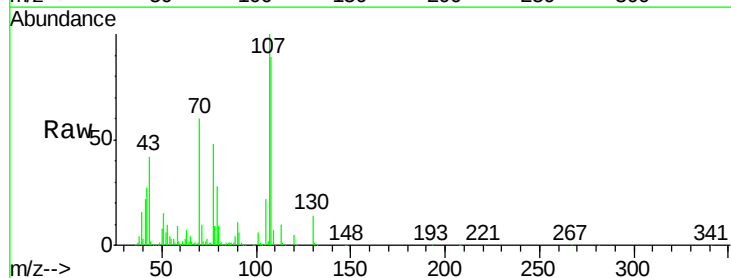
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A7-A8-A7A-A8AMS

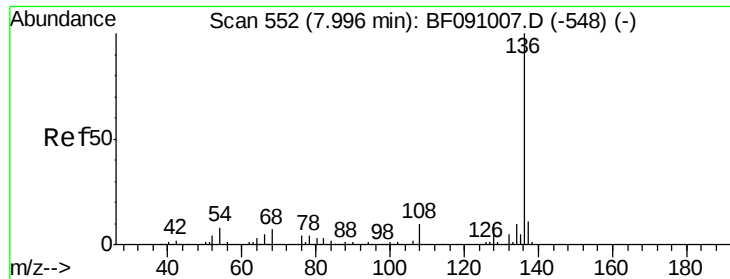
Tgt Ion:	70	Resp:	408637
Ion	Ratio	Lower	Upper
70	100		
42	44.1	41.7	62.5
101	9.9	6.7	10.1
130	22.6	13.8	20.8



#20
3+4-Methylphenols
Concen: 42.44 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF091056.D
Acq: 7 Nov 2016 15:25

Tgt Ion:	107	Resp:	529314
Ion	Ratio	Lower	Upper
107	100		
108	89.2	75.5	115.5
77	48.4	26.4	66.4
79	27.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tgt Ion:136 Resp: 763195

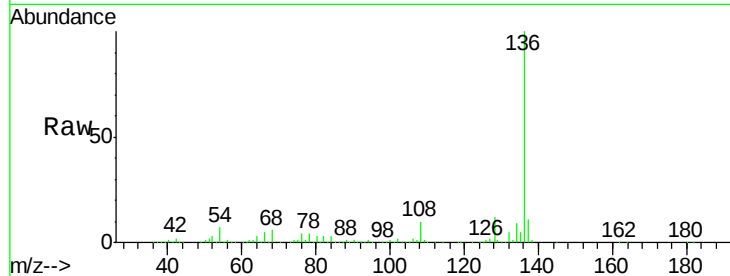
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.2 9.2

68 6.4 5.5 8.3

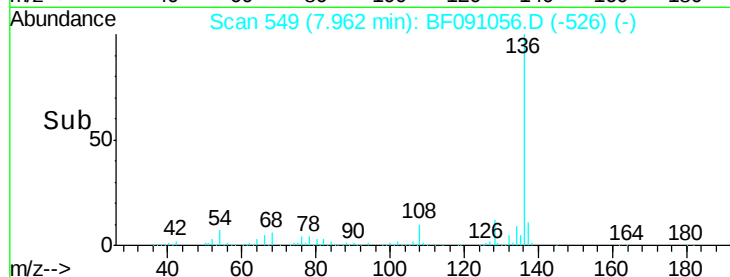


Abundance Ion 136.00 (135.70 to 136.70): E

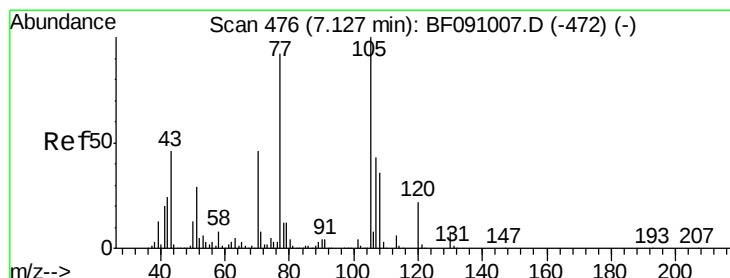
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.80 7.90 8.00 8.10 8.20



#22

Acetophenone

Concen: 41.50 ng

RT: 7.09 min Scan# 473

Delta R.T. -0.03 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Tgt Ion:105 Resp: 729313

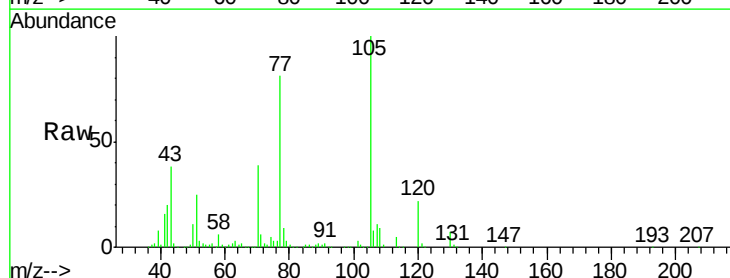
Ion Ratio Lower Upper

105 100

71 6.5 6.2 9.2

51 24.7 23.3 34.9

120 21.7 17.4 26.0

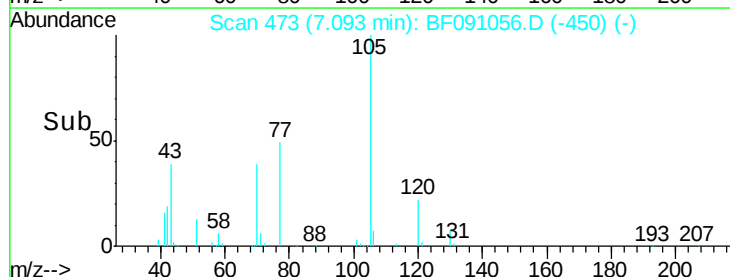


Abundance Ion 105.00 (104.70 to 105.70): E

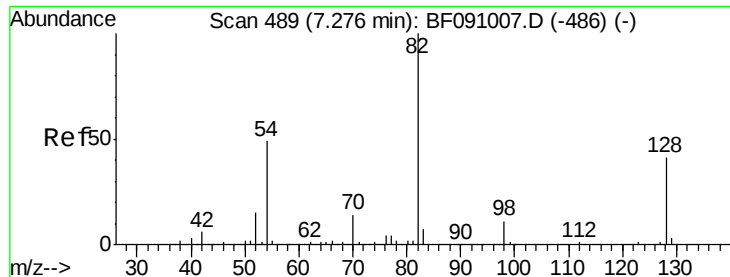
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



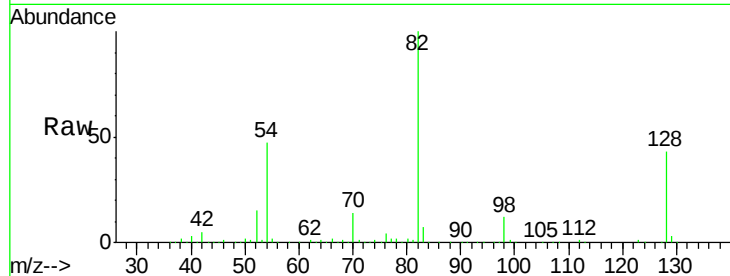
Time--> 7.00 7.10 7.20 7.30 7.40



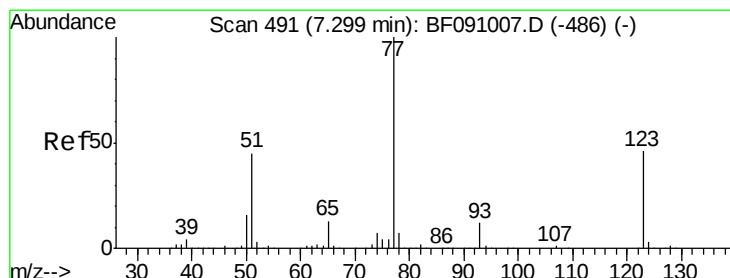
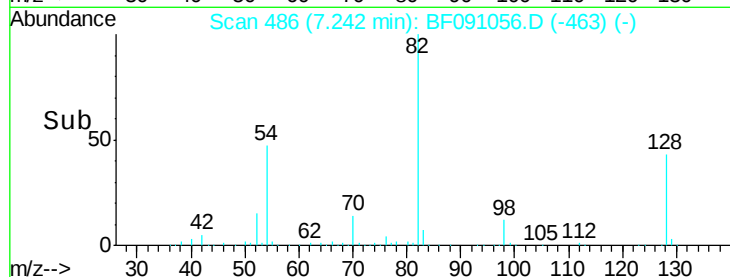
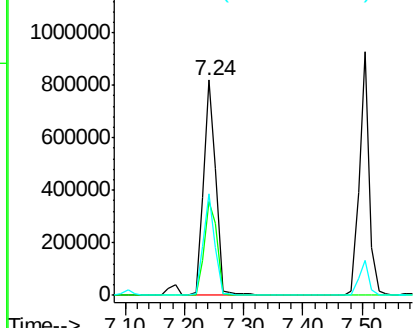
#23
 Nitrobenzene-d5
 Concen: 85.90 ng
 RT: 7.24 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tgt Ion: 82 Resp: 1201854
 Ion Ratio Lower Upper
 82 100
 128 43.4 32.4 48.6
 54 47.1 39.2 58.8

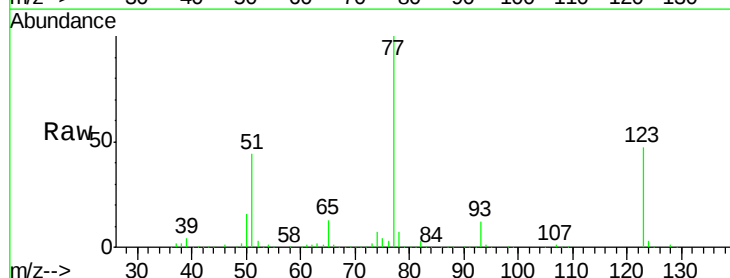


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

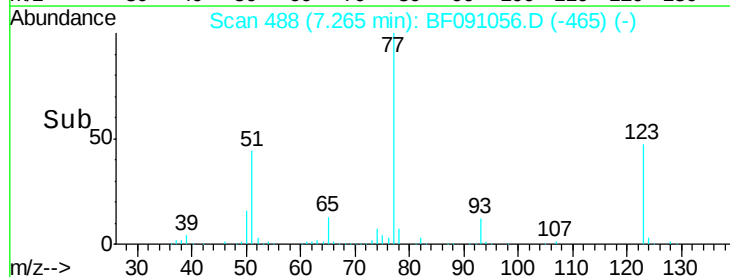
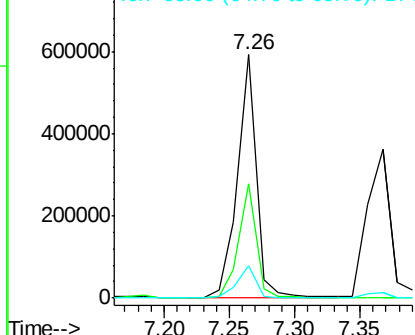


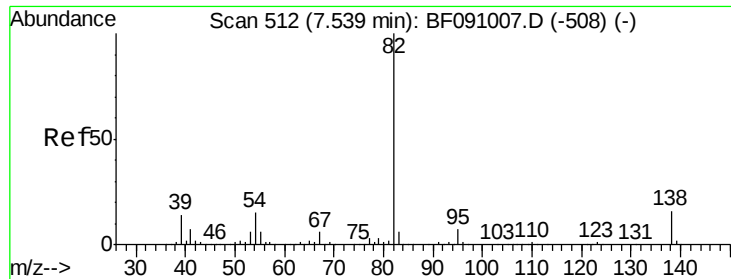
#24
 Nitrobenzene
 Concen: 38.09 ng
 RT: 7.26 min Scan# 488
 Delta R.T. -0.03 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion: 77 Resp: 588589
 Ion Ratio Lower Upper
 77 100
 123 47.1 36.5 54.7
 65 13.3 10.7 16.1



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: 39.02 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

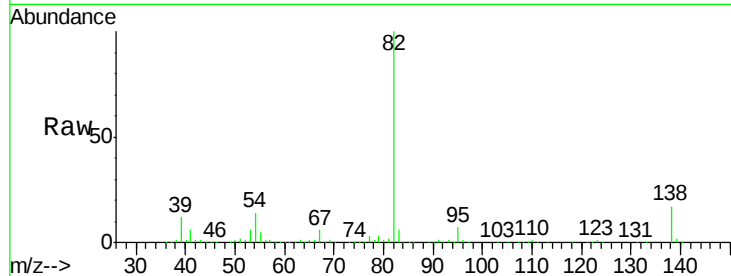
Tgt Ion: 82 Resp: 1051833

Ion Ratio Lower Upper

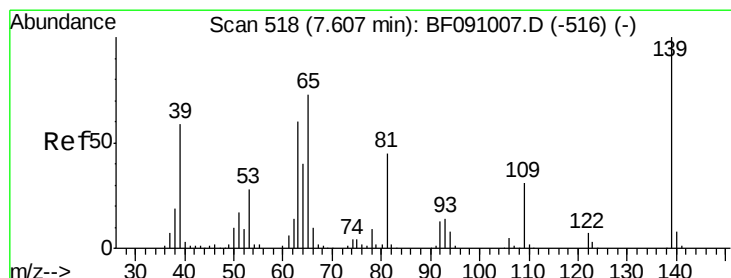
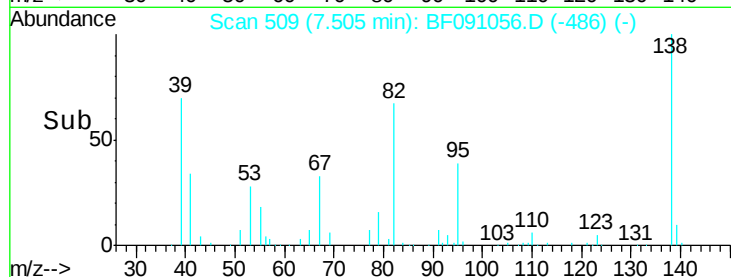
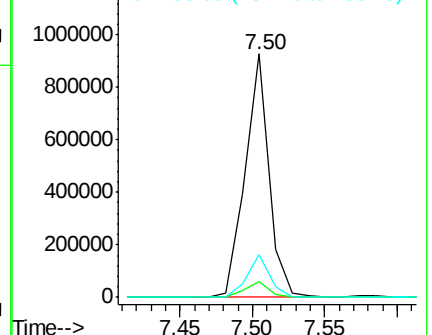
82 100

95 6.7 5.4 8.0

138 17.3 13.0 19.4



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: 42.35 ng

RT: 7.58 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

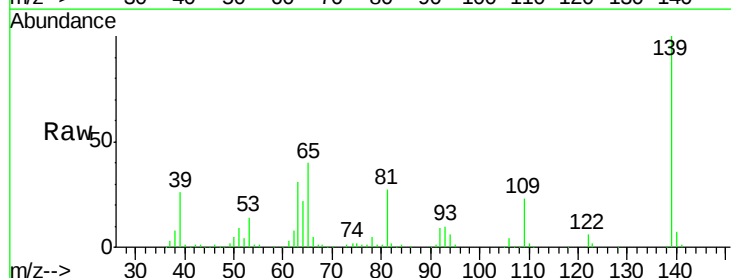
Tgt Ion: 139 Resp: 276927

Ion Ratio Lower Upper

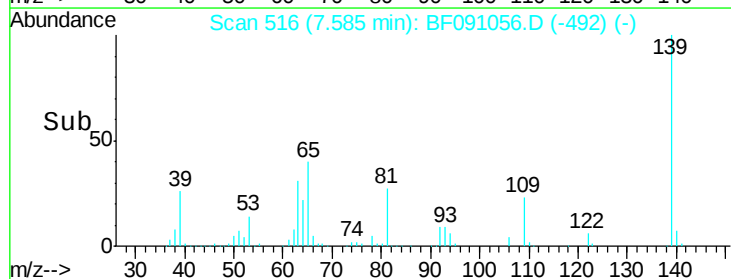
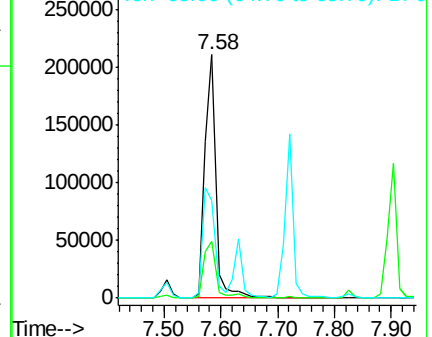
139 100

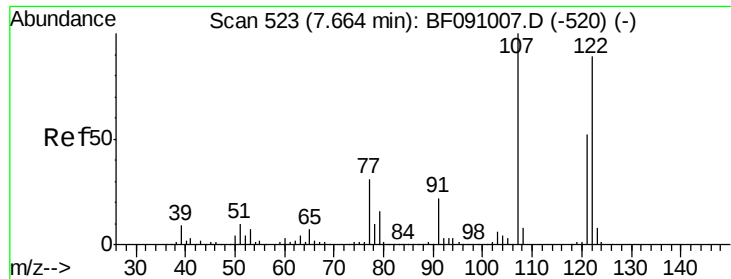
109 23.2 24.7 37.1#

65 40.4 58.3 87.5#



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

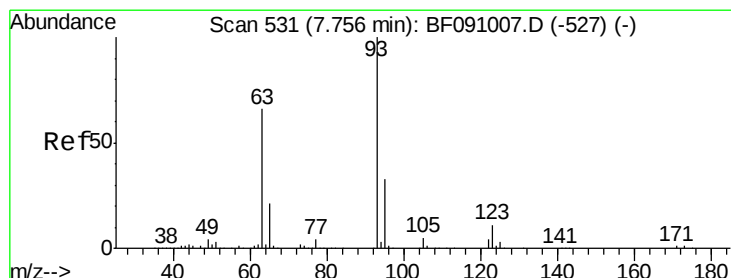
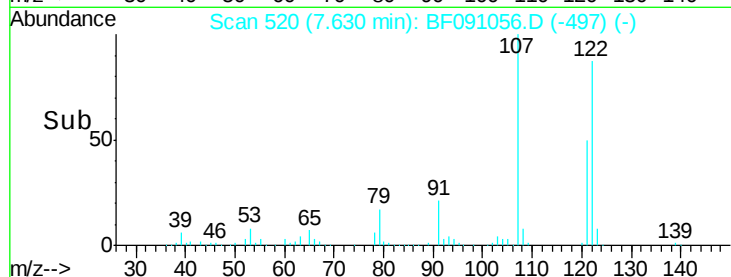
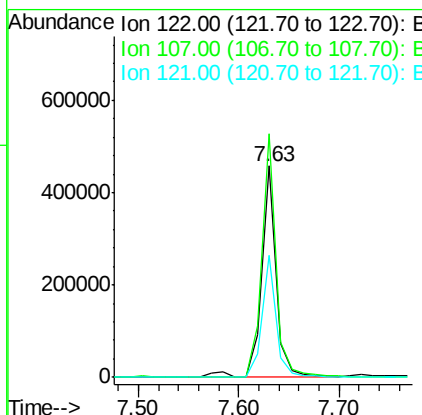
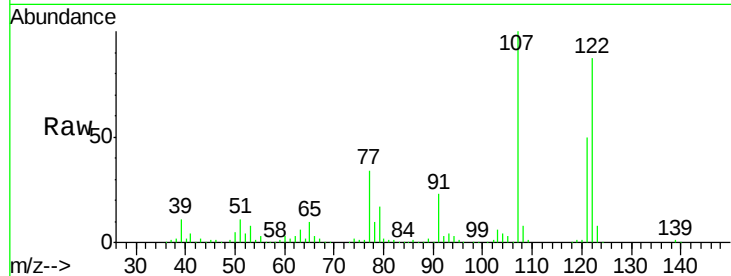




#27
 2,4-Dimethylphenol
 Concen: 43.14 ng
 RT: 7.63 min Scan# 520
 Delta R.T. -0.03 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

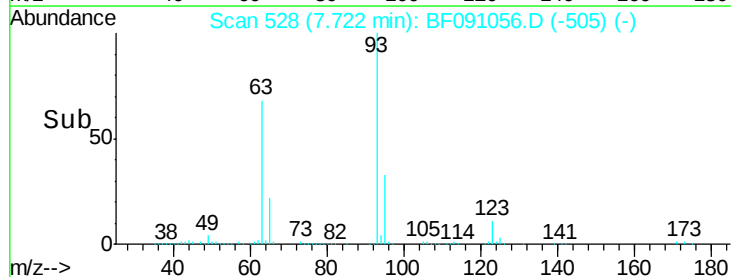
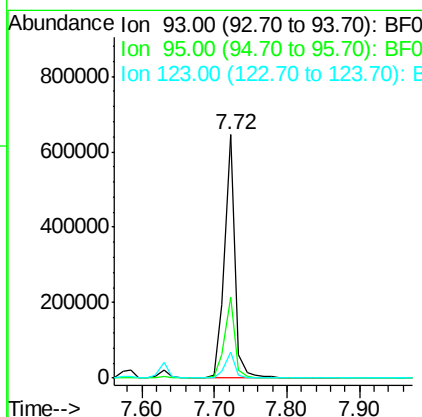
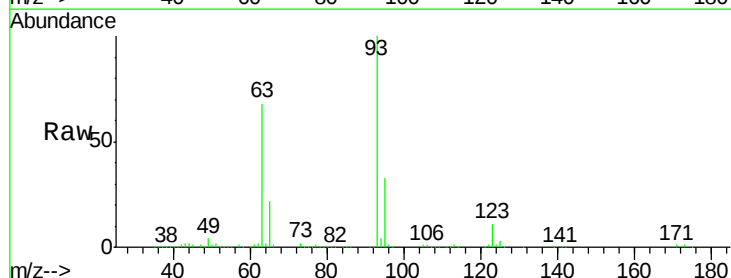
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

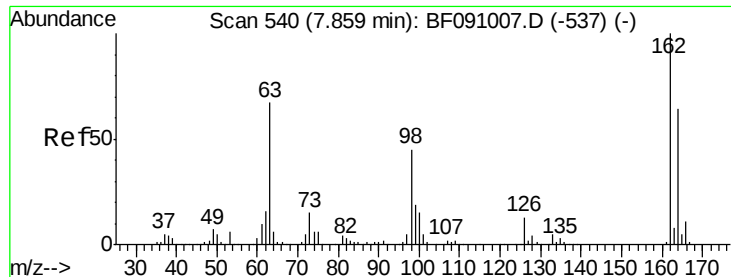
Tgt Ion: 122 Resp: 466547
 Ion Ratio Lower Upper
 122 100
 107 115.3 89.6 134.4
 121 57.9 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.12 ng
 RT: 7.72 min Scan# 528
 Delta R.T. -0.03 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion: 93 Resp: 649798
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 10.8 8.7 13.1

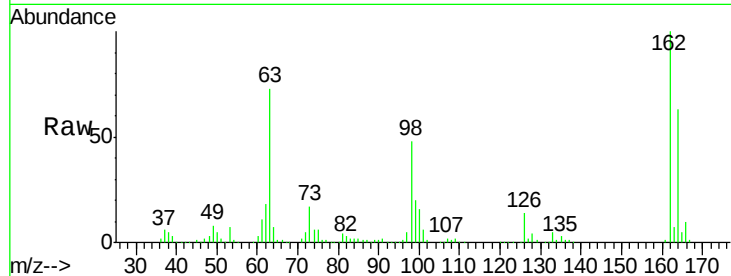




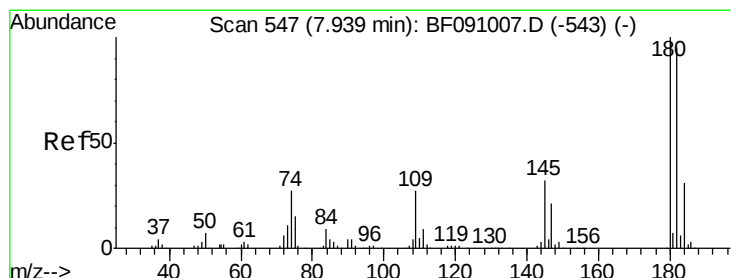
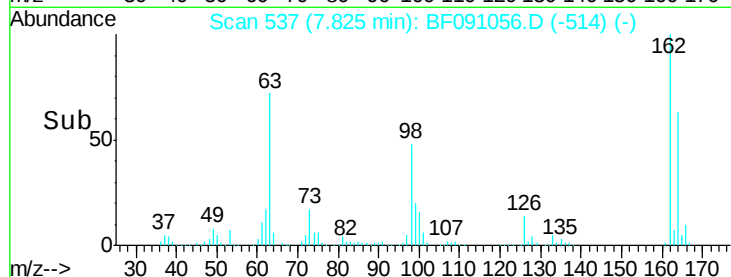
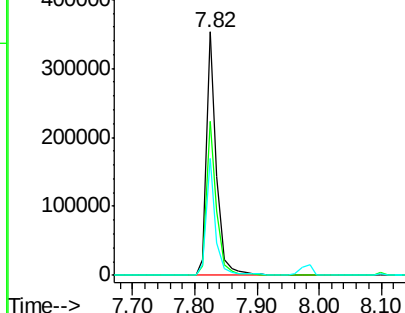
#29
 2,4-Dichlorophenol
 Concen: 41.76 ng
 RT: 7.82 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tgt Ion:162 Resp: 394140
 Ion Ratio Lower Upper
 162 100
 164 63.1 44.4 84.4
 98 48.3 25.2 65.2

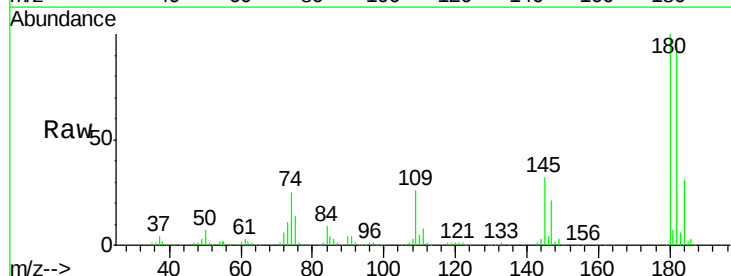


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

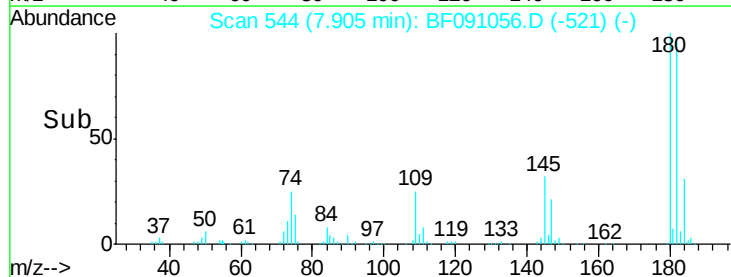
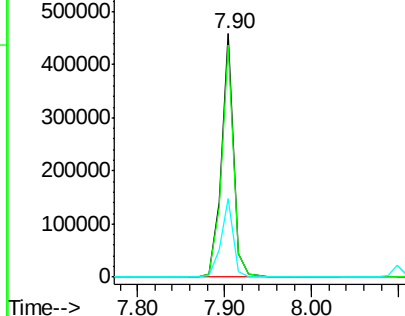


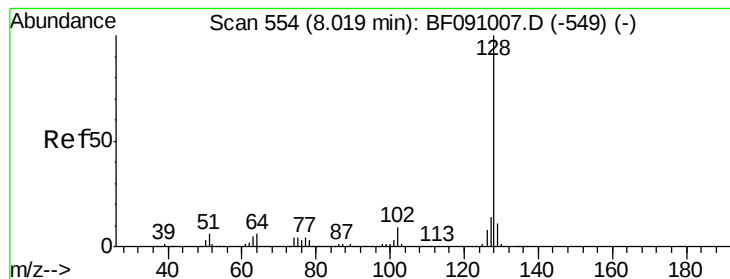
#30
 1,2,4-Trichlorobenzene
 Concen: 42.77 ng
 RT: 7.90 min Scan# 544
 Delta R.T. -0.03 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion:180 Resp: 453886
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.0 114.0
 145 32.0 25.8 38.8



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: 41.11 ng

RT: 7.98 min Scan# 551

Delta R.T. -0.03 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

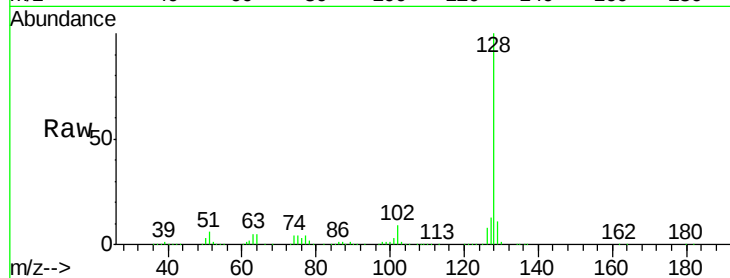
Tgt Ion:128 Resp: 1500467

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

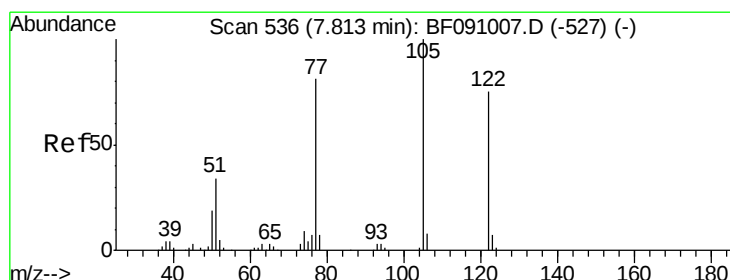
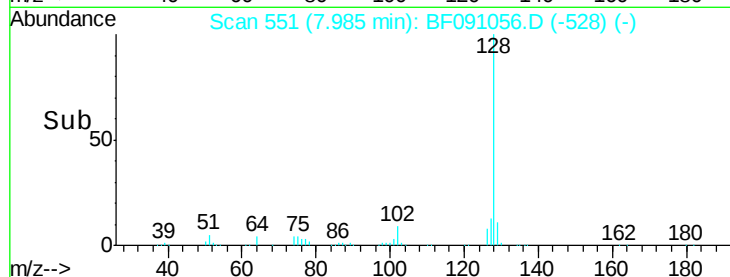
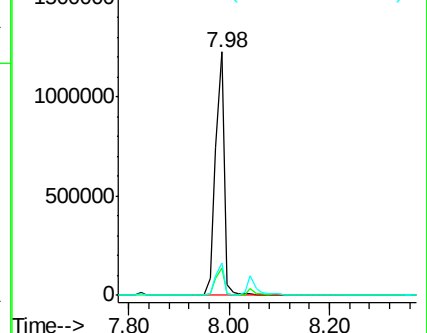
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.64 ng

RT: 7.72 min Scan# 528

Delta R.T. -0.09 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

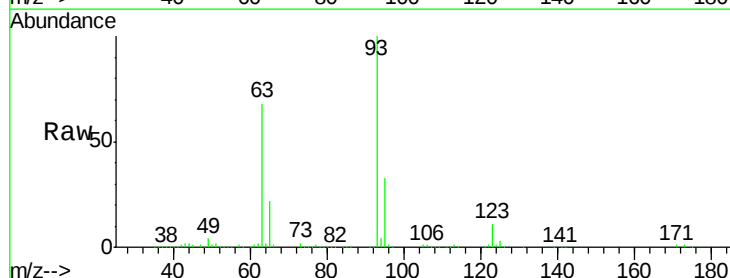
Tgt Ion:122 Resp: 14760

Ion Ratio Lower Upper

122 100

105 111.4 105.9 145.9

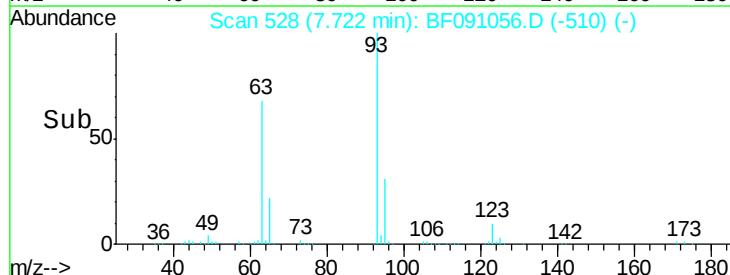
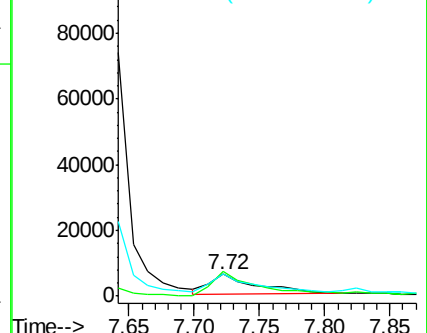
77 103.4 84.0 124.0

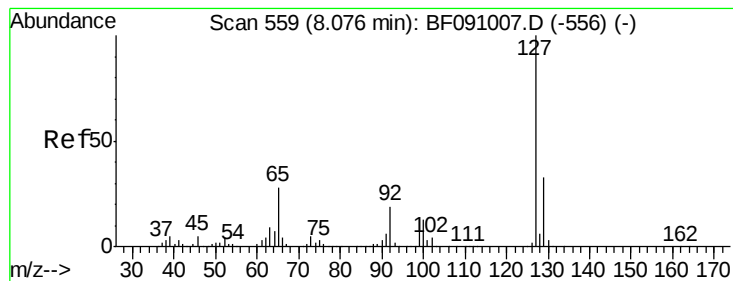


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.41 ng

RT: 8.04 min Scan# 556

Delta R.T. -0.03 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A7-A8-A7A-A8AMS

Tgt Ion:127 Resp: 142830

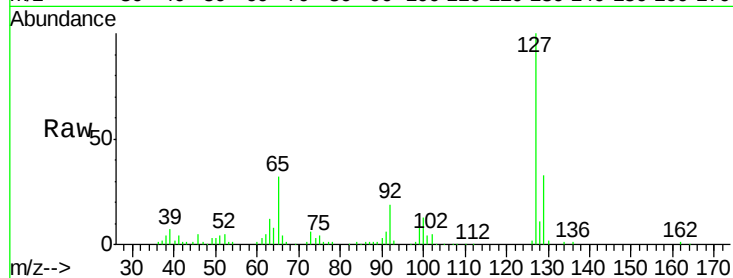
Ion Ratio Lower Upper

127 100

129 32.6 26.6 39.8

65 32.1 22.2 33.2

92 18.7 15.0 22.4

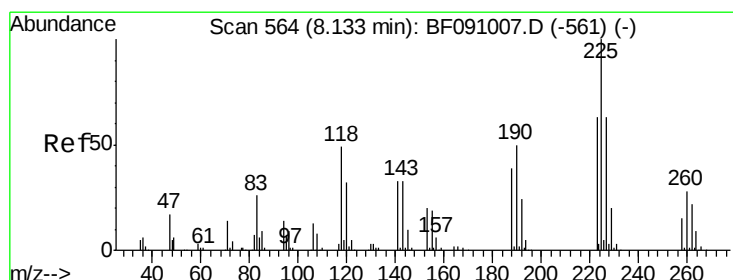
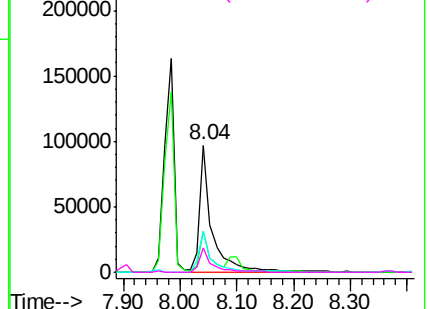
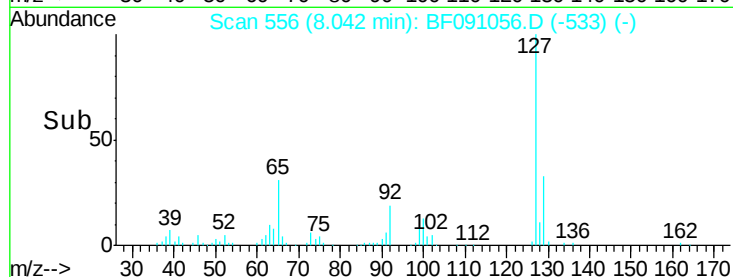


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.51 ng

RT: 8.10 min Scan# 561

Delta R.T. -0.03 min

Lab File: BF091056.D

Acq: 7 Nov 2016 15:25

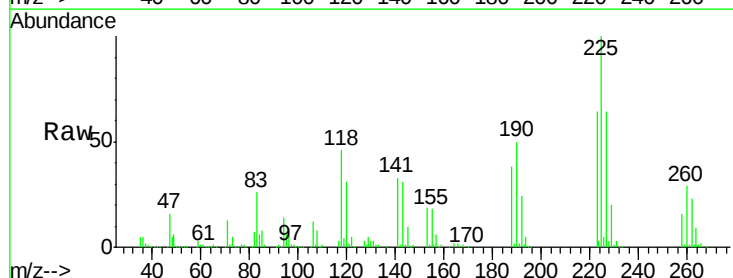
Tgt Ion:225 Resp: 220590

Ion Ratio Lower Upper

225 100

223 63.8 50.4 75.6

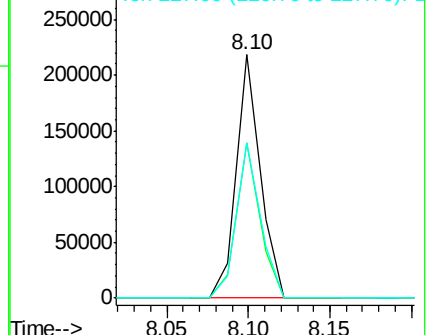
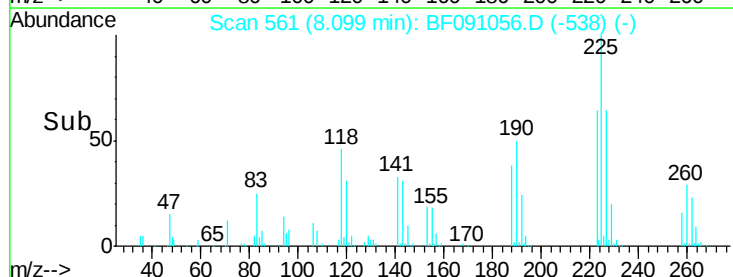
227 63.9 50.1 75.1

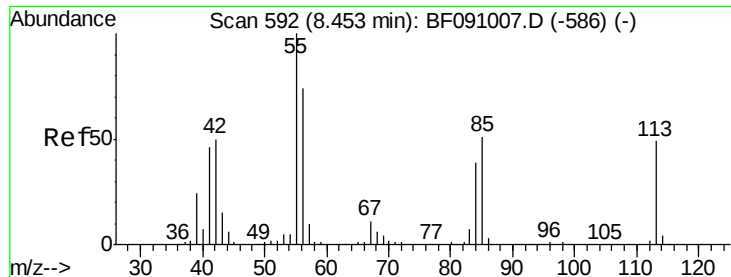


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

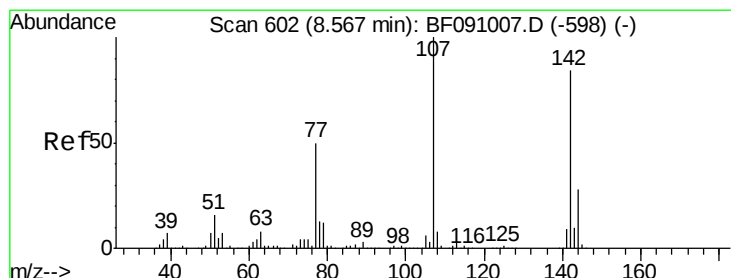
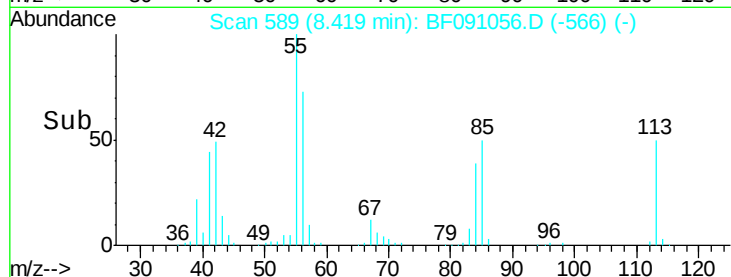
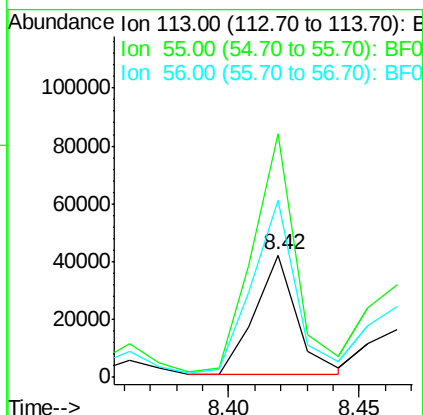
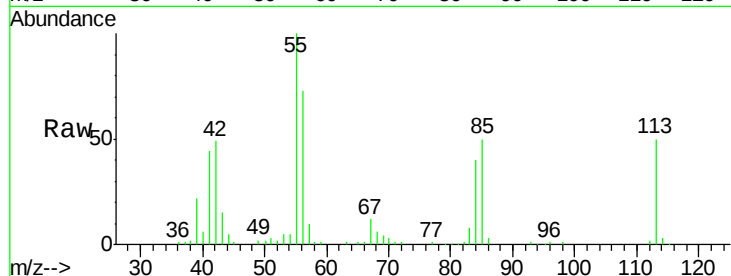




#35
 Caprolactam
 Concen: 15.79 ng
 RT: 8.42 min Scan# 589
 Delta R.T. -0.03 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

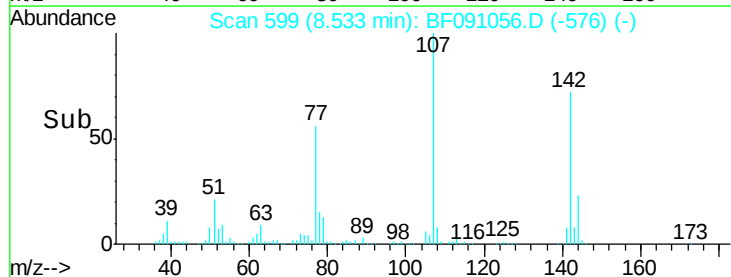
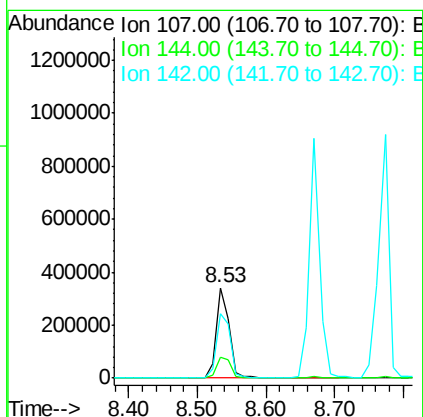
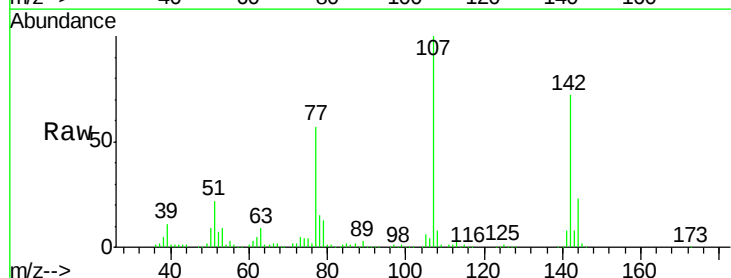
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

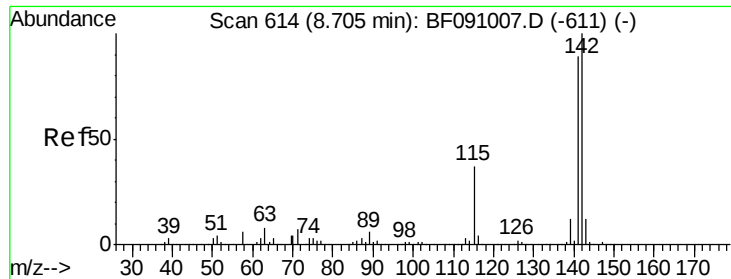
Tgt Ion:113 Resp: 46812
 Ion Ratio Lower Upper
 113 100
 55 198.8 184.1 224.1
 56 145.0 132.0 172.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.35 ng
 RT: 8.53 min Scan# 599
 Delta R.T. -0.03 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion:107 Resp: 461023
 Ion Ratio Lower Upper
 107 100
 144 23.3 22.5 33.7
 142 71.7 67.4 101.2

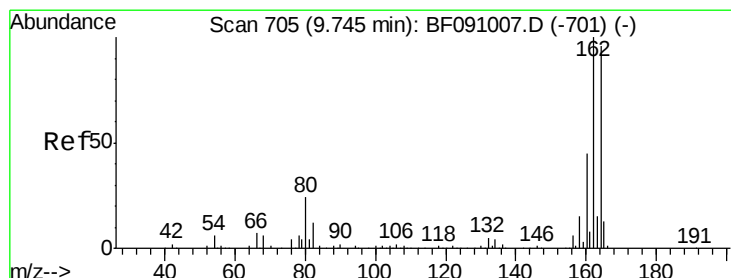
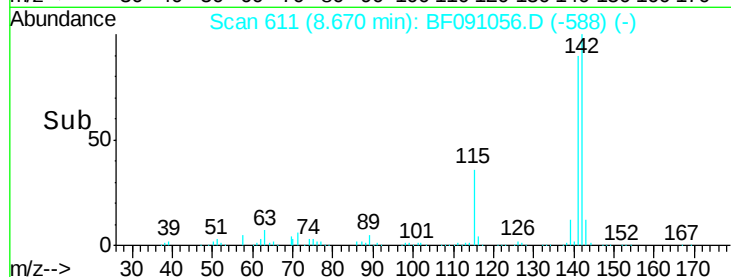
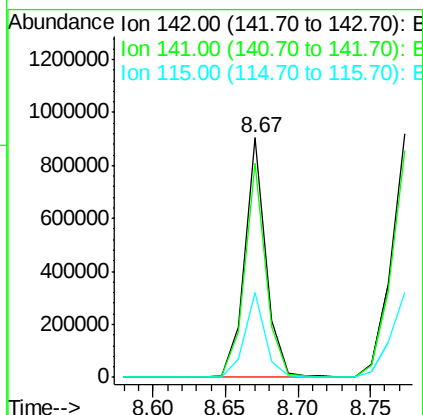
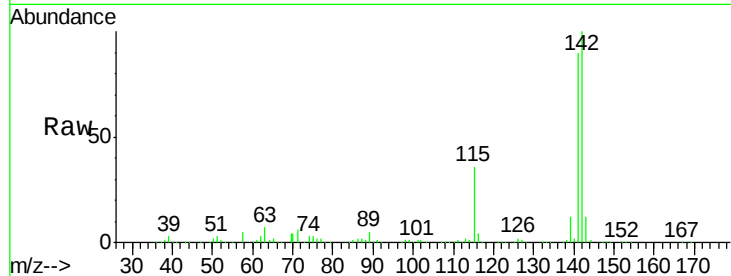




#37
 2-Methylnaphthalene
 Concen: 39.19 ng
 RT: 8.67 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

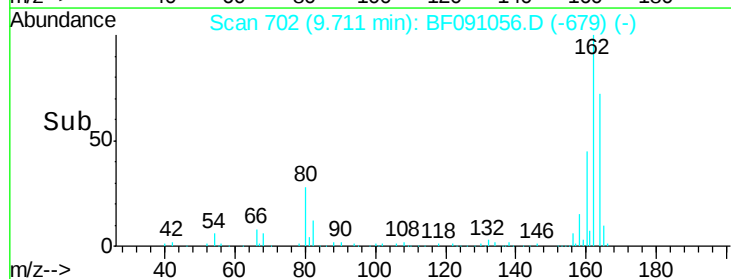
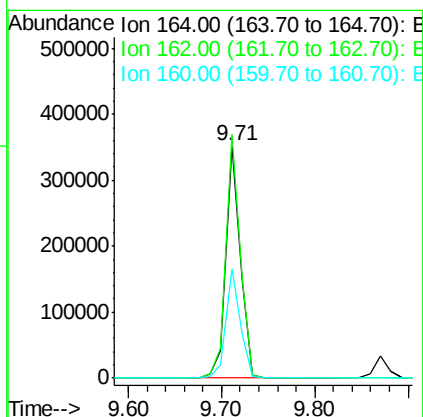
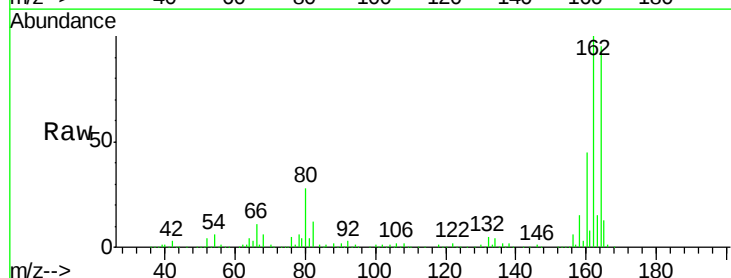
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

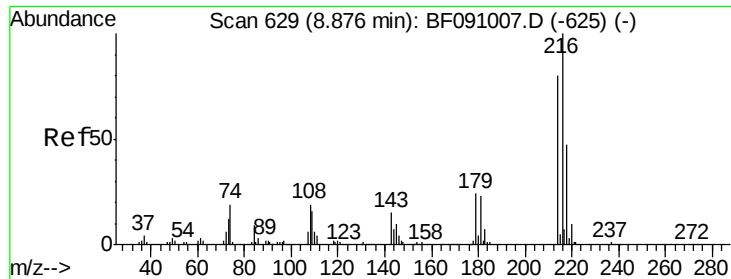
Tgt Ion:142 Resp: 919427
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.3 106.9
 115 35.6 29.9 44.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion:164 Resp: 380381
 Ion Ratio Lower Upper
 164 100
 162 104.8 83.6 125.4
 160 47.2 37.9 56.9

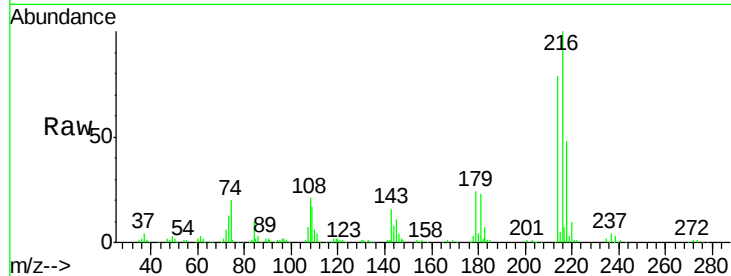




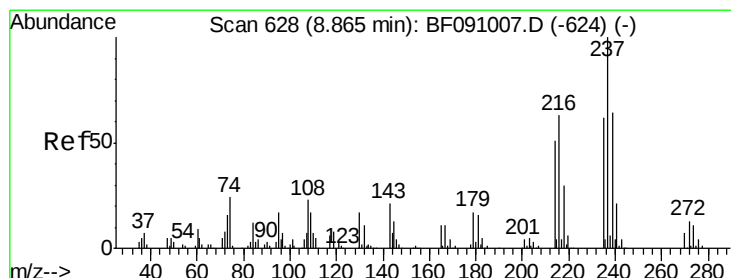
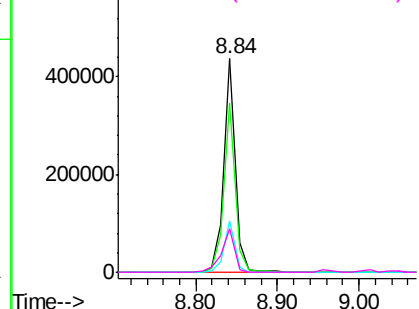
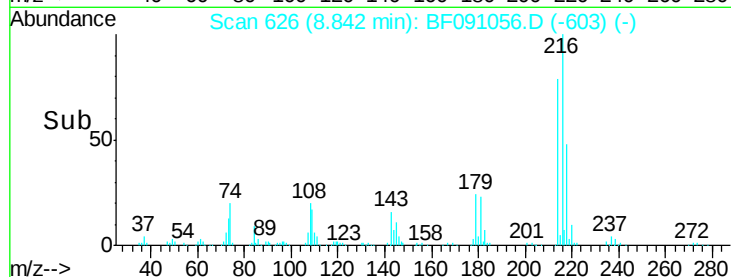
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.93 ng
 RT: 8.84 min Scan# 626
 Delta R.T. -0.03 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tgt Ion:	216	Resp:	426014
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.5	95.3
179	23.2	19.1	28.7
108	22.8	17.5	26.3

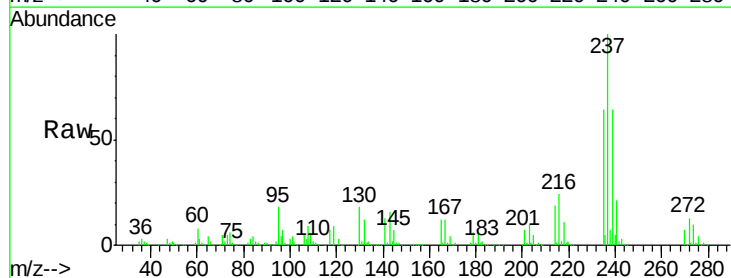


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

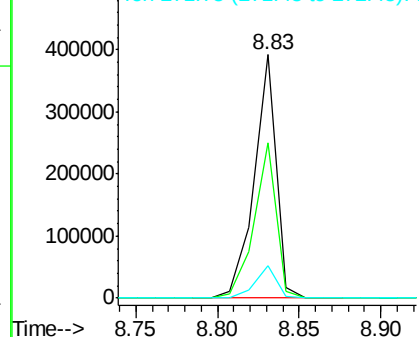
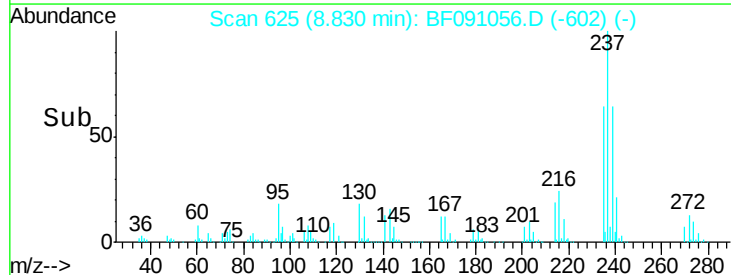


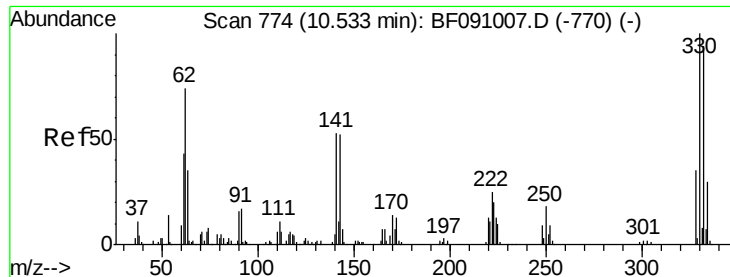
#40
 Hexachlorocyclopentadiene
 Concen: 96.23 ng
 RT: 8.83 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion:	237	Resp:	367722
Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.1	82.1
272	13.3	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

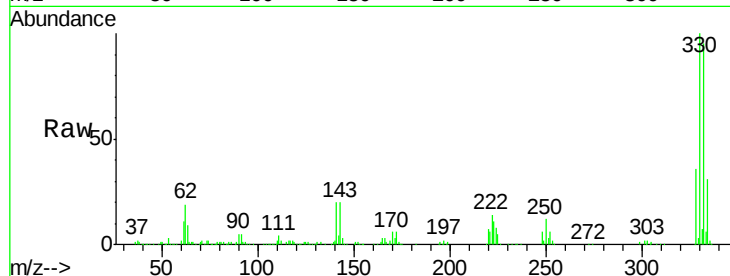




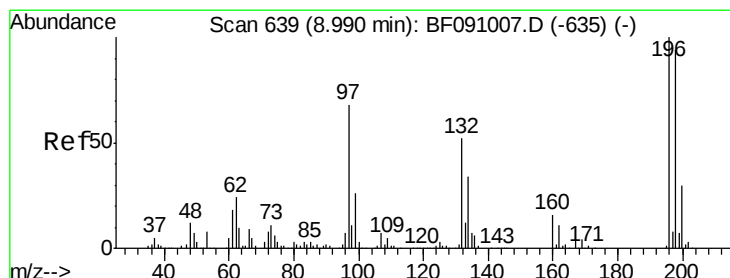
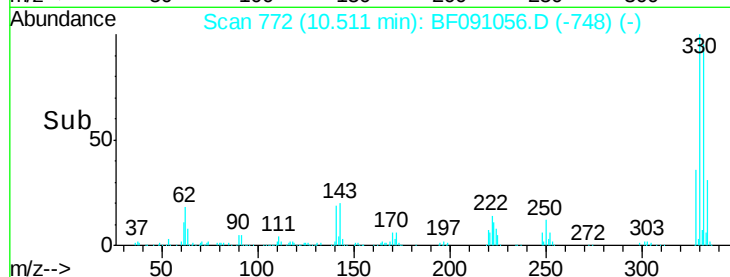
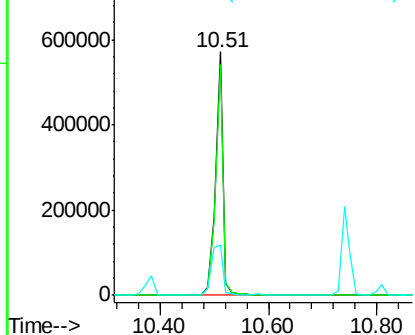
#41
 2,4,6-Tribromophenol
 Concen: 164.99 ng
 RT: 10.51 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.9	113.9
141	31.0	36.1	54.1#

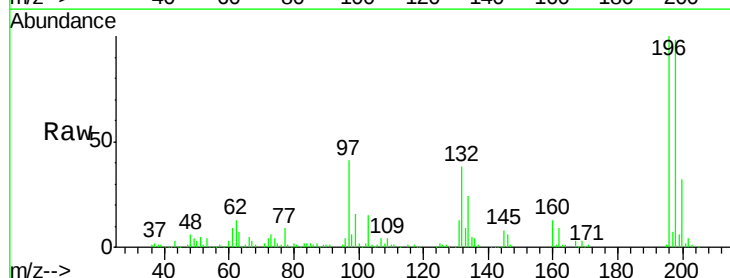


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

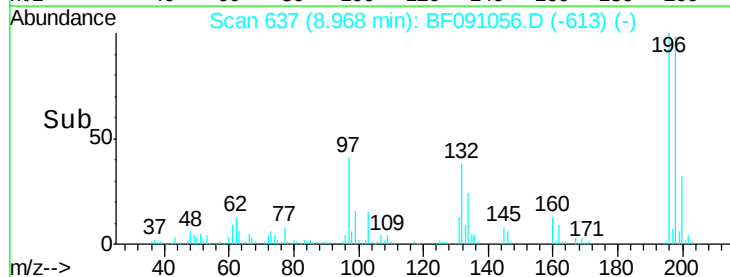
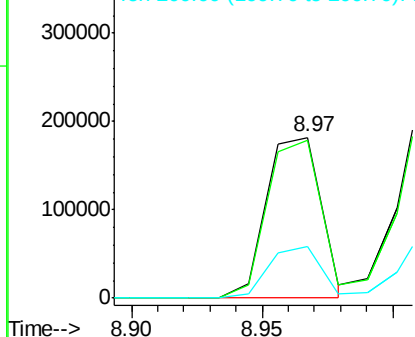


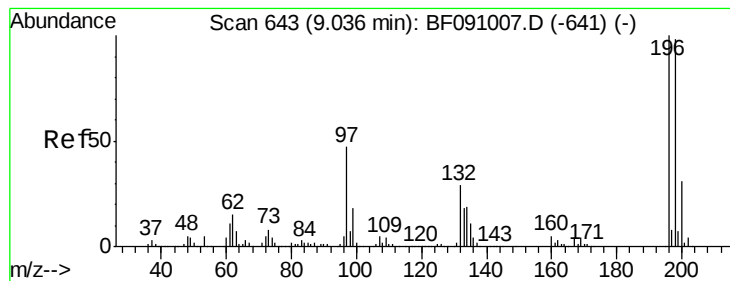
#42
 2,4,6-Trichlorophenol
 Concen: 42.61 ng
 RT: 8.97 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.4	113.0
200	31.8	24.1	36.1



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

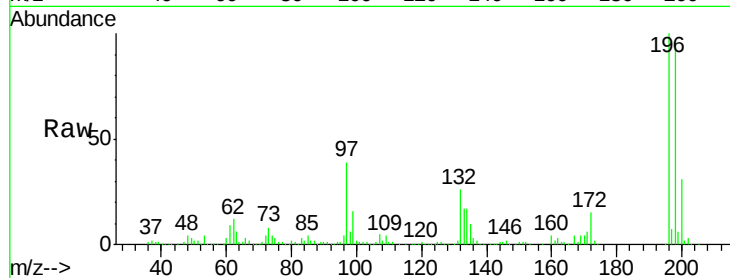




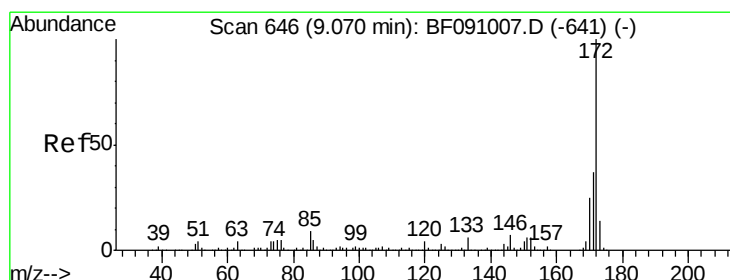
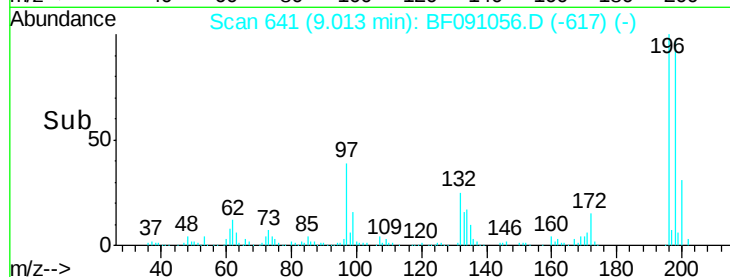
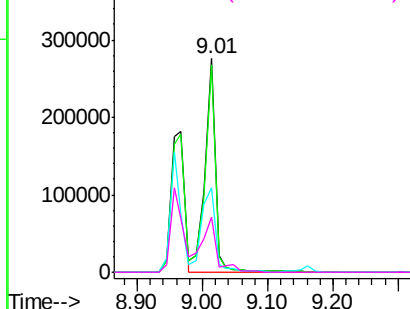
#43
 2,4,5-Trichlorophenol
 Concen: 46.10 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A7-A8-A7A-A8AMS

Tgt Ion:196 Resp: 303037
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.2 117.4
 97 39.5 38.8 58.2
 132 25.5 23.5 35.3

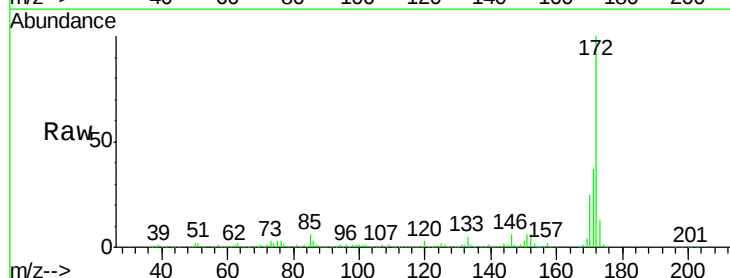


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.50 ng
 RT: 9.05 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF091056.D
 Acq: 7 Nov 2016 15:25

Tgt Ion:172 Resp: 2264664
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 25.0 20.3 30.5



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

