

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091739.D
 Acq On : 18 Dec 2016 16:34
 Operator : UM/SJ
 Sample : H6099-12MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP09-2-2.5FTMSD

Quant Time: Dec 19 03:12:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	304965	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1222215	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	646281	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	990003	20.00	ng	0.00
75) Chrysene-d12	13.93	240	734261	20.00	ng	0.00
86) Perylene-d12	15.32	264	650963	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	2849692	156.55	ng	0.02
7) Phenol-d6	6.42	99	3399854	153.15	ng	0.00
23) Nitrobenzene-d5	7.34	82	2229395	105.19	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	661022	120.62	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3146824	97.82	ng	0.00
78) Terphenyl-d14	12.88	244	2430880	83.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	439175	48.99	ng	99
3) Pyridine	3.10	79	1160142	40.17	ng	98
4) n-Nitrosodimethylamine	3.08	42	603528	54.00	ng	98
6) Aniline	6.44	93	401300	14.05	ng	# 25
8) 2-Chlorophenol	6.56	128	963836	48.10	ng	95
9) Benzaldehyde	6.30	77	195769	12.10	ng	89
10) Phenol	6.44	94	1357196	54.24	ng	# 70
11) bis(2-Chloroethyl)ether	6.51	93	946113	47.34	ng	98
12) 1,3-Dichlorobenzene	6.70	146	1005392m	45.69	ng	
13) 1,4-Dichlorobenzene	6.78	146	983600	44.18	ng	100
14) 1,2-Dichlorobenzene	6.94	146	966240	49.54	ng	97
15) Benzyl Alcohol	6.92	79	810662	47.17	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1429716	46.82	ng	99
17) 2-Methylphenol	7.05	107	869263	51.92	ng	95
18) Hexachloroethane	7.28	117	402094	48.61	ng	# 88
19) n-Nitroso-di-n-propylamine	7.20	70	719551	48.73	ng	99
20) 3+4-Methylphenols	7.20	107	965927	51.72	ng	# 90
22) Acetophenone	7.18	105	1421601	48.17	ng	98
24) Nitrobenzene	7.36	77	995576	43.74	ng	98
25) Isophorone	7.60	82	2067194	51.12	ng	96
26) 2-Nitrophenol	7.68	139	583146	53.11	ng	95
27) 2,4-Dimethylphenol	7.72	122	911493	50.89	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	1260486	53.27	ng	100
29) 2,4-Dichlorophenol	7.92	162	834012	50.49	ng	88
30) 1,2,4-Trichlorobenzene	8.00	180	854467	47.73	ng	# 95
31) Naphthalene	8.08	128	2661357	45.58	ng	100
32) Benzoic acid	7.80	122	59492	4.66	ng	96
33) 4-Chloroaniline	8.13	127	203379	8.27	ng	# 91
34) Hexachlorobutadiene	8.20	225	487228	48.41	ng	99
35) Caprolactam	8.52	113	267714m	50.37	ng	
36) 4-Chloro-3-methylphenol	8.62	107	959344	52.64	ng	98
37) 2-Methylnaphthalene	8.77	142	1889737	51.34	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	723332	44.90	ng	99
40) Hexachlorocyclopentadiene	8.92	237	706918	103.54	ng	97

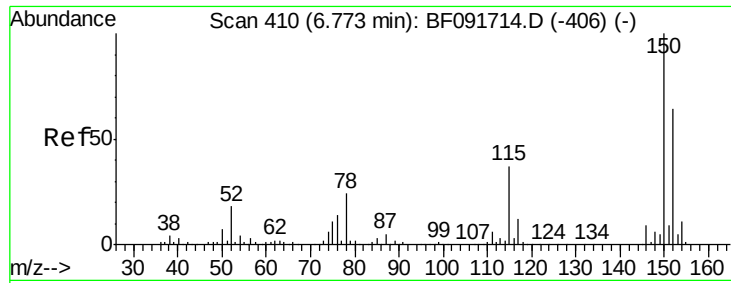
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	600342	52.16	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	582838	51.54	nq #	88
45) 1,1'-Biphenyl	9.24	154	2202328	47.55	nq	98
46) 2-Chloronaphthalene	9.25	162	1651999	47.72	nq	94
47) 2-Nitroaniline	9.36	65	530606	44.89	nq	98
48) Acenaphthylene	9.68	152	2567831	47.88	nq	100
49) Dimethylphthalate	9.55	163	2413860	57.18	nq	99
50) 2,6-Dinitrotoluene	9.61	165	487853	52.71	nq	95
51) Acenaphthene	9.85	154	1801469	48.94	nq	99
52) 3-Nitroaniline	9.77	138	220121	19.10	nq	88
53) 2,4-Dinitrophenol	9.87	184	245781	49.15	nq #	50
54) Dibenzofuran	10.02	168	2255869	51.53	nq	99
55) 4-Nitrophenol	9.95	139	711149	88.86	nq	99
56) 2,4-Dinitrotoluene	10.01	165	565156	48.88	nq	92
57) Fluorene	10.36	166	1724387	50.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	462631	49.49	nq	96
59) Diethylphthalate	10.25	149	2013320	48.52	nq	95
60) 4-Chlorophenyl-phenylether	10.35	204	694619	44.85	nq	98
61) 4-Nitroaniline	10.38	138	435036	39.84	nq	99
62) Azobenzene	10.51	77	2107711	47.74	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	336930	51.60	nq	99
65) n-Nitrosodiphenylamine	10.48	169	1580128	51.40	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	528894	50.95	nq #	90
67) Hexachlorobenzene	10.91	284	525849	48.34	nq #	84
68) Atrazine	11.00	200	471123	50.71	nq	98
69) Pentachlorophenol	11.10	266	588673	100.28	nq	100
70) Phenanthrene	11.31	178	2439899	49.32	nq	99
71) Anthracene	11.37	178	2424052	46.26	nq	100
72) Carbazole	11.53	167	2499421	54.55	nq	99
73) Di-n-butylphthalate	11.86	149	2608324	44.40	nq	100
74) Fluoranthene	12.50	202	2278805	44.11	nq	99
76) Benzidine	12.63	184	587569	27.80	nq	97
77) Pyrene	12.73	202	2380073	44.88	nq	99
79) Butylbenzylphthalate	13.36	149	1222393	49.25	nq	90
80) Benzo(a)anthracene	13.92	228	1727523	41.13	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	353774	21.05	nq #	96
82) Chrysene	13.95	228	1696247	38.96	nq	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	1366916	43.42	nq #	98
84) Di-n-octyl phthalate	14.52	149	2595695	44.74	nq	100
85) Indeno(1,2,3-cd)pyrene	16.68	276	1669579	39.00	nq	100
87) Benzo(b)fluoranthene	14.93	252	1937135m	46.93	nq	
88) Benzo(k)fluoranthene	14.96	252	1597721m	55.16	nq	
89) Benzo(a)pyrene	15.27	252	1709340	48.25	nq	98
90) Dibenzo(a,h)anthracene	16.69	278	1364279	44.18	nq	98
91) Benzo(g,h,i)perylene	17.08	276	1390017	44.29	nq	96

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

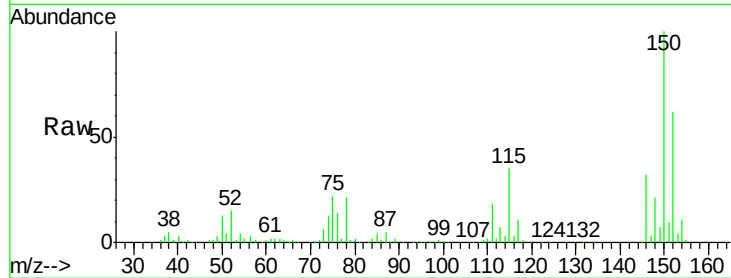


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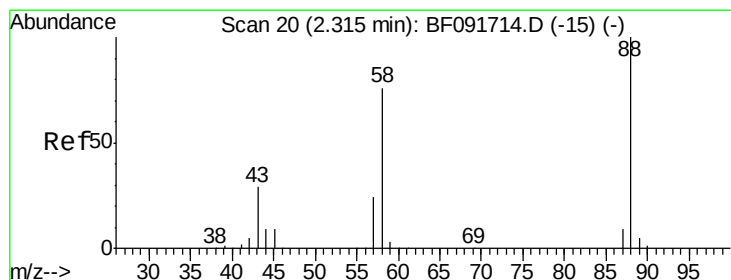
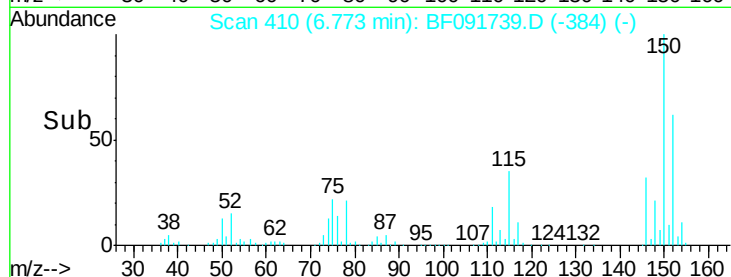
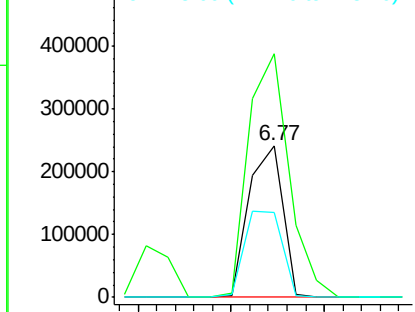
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FTMSD

Tot Ion:152 Resp: 304965
Ion Ratio Lower Upper
152 100
150 160.6 124.9 187.3
115 56.0 46.0 69.0



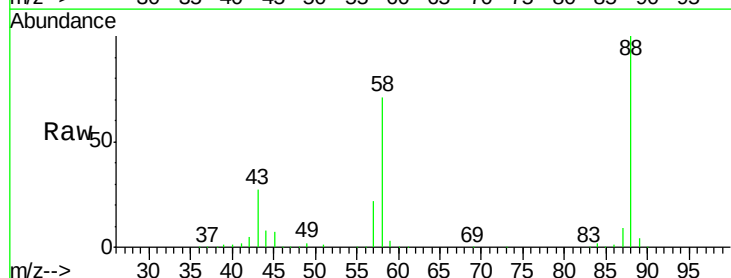
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



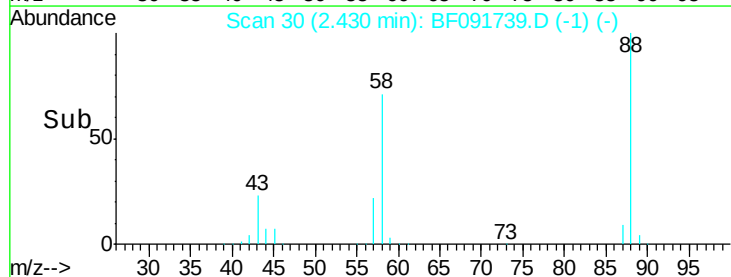
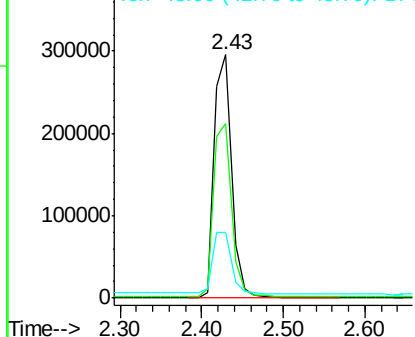
#2

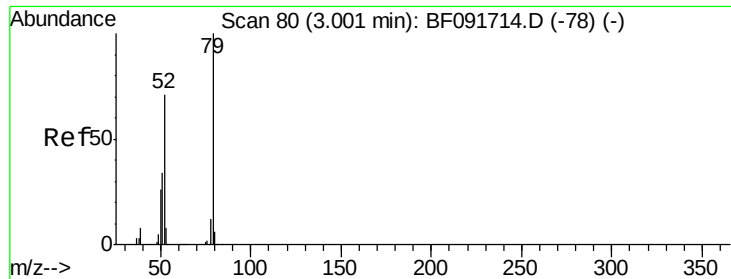
1,4-Dioxane
Concen: 48.99 ng
RT: 2.43 min Scan# 30
Delta R.T. 0.11 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Tgt Ion: 88 Resp: 439175
Ion Ratio Lower Upper
88 100
58 73.8 57.8 86.8
43 27.8 22.3 33.5



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

Pvridine

Concen: 40.17 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.10 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

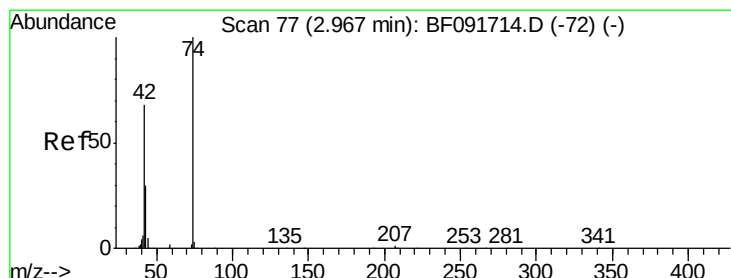
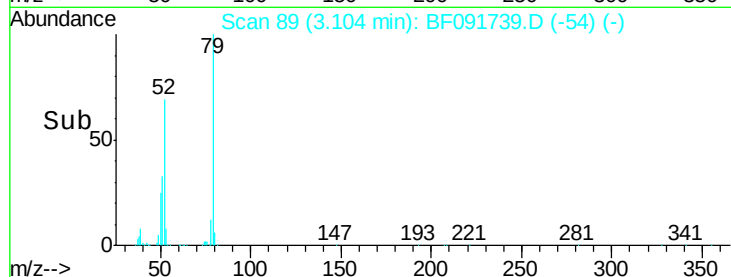
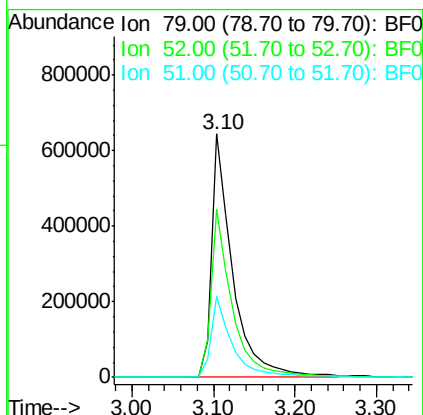
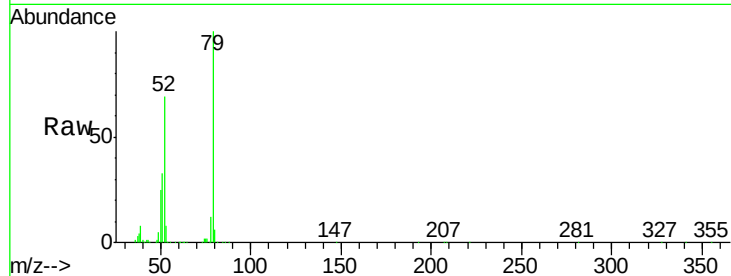
Tot Ion: 79 Resp: 1160142

Ion Ratio Lower Upper

79 100

52 69.1 57.1 85.7

51 33.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 54.00 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.11 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

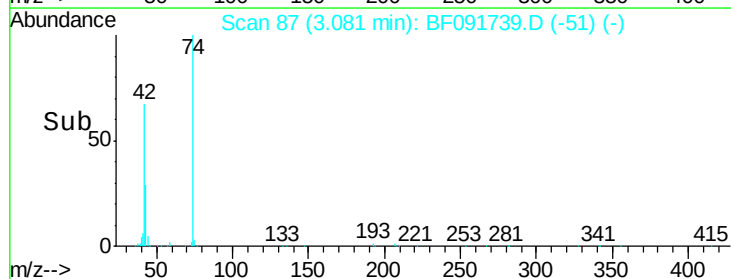
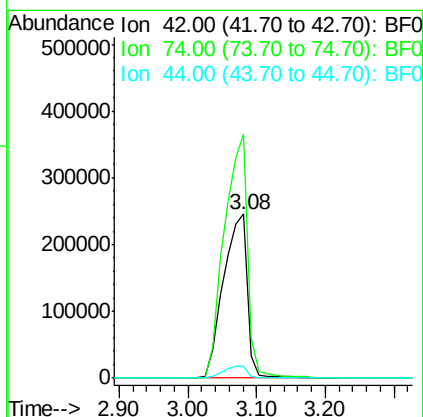
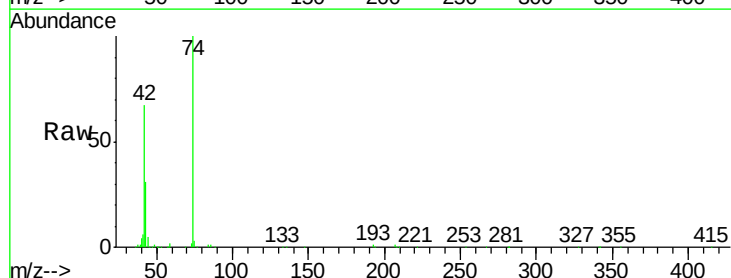
Tgt Ion: 42 Resp: 603528

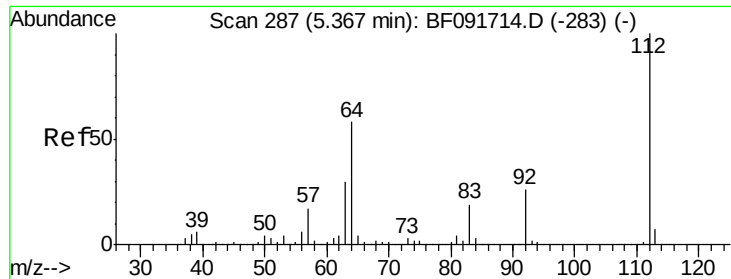
Ion Ratio Lower Upper

42 100

74 148.7 117.0 175.4

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 156.55 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.02 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

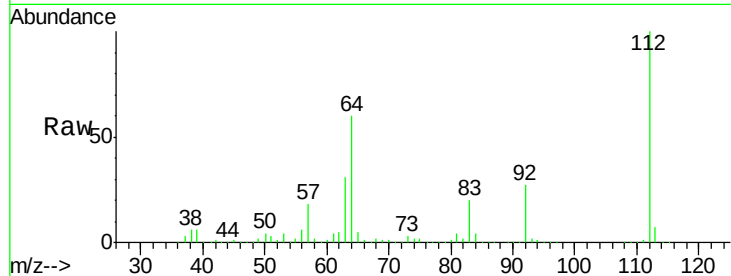
Tot Ion:112 Resp: 2849692

Ion Ratio Lower Upper

112 100

64 59.8 46.1 69.1

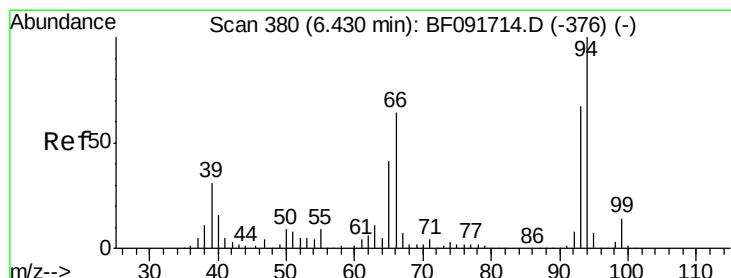
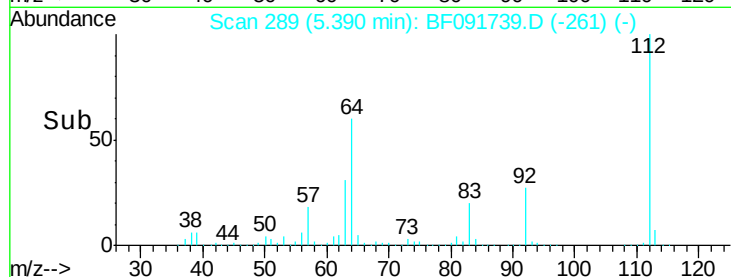
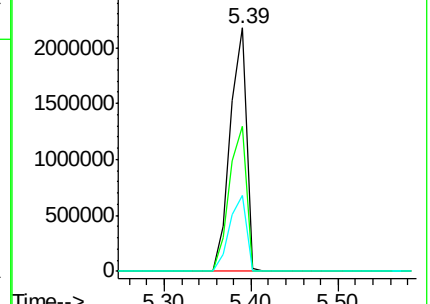
63 31.3 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.05 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

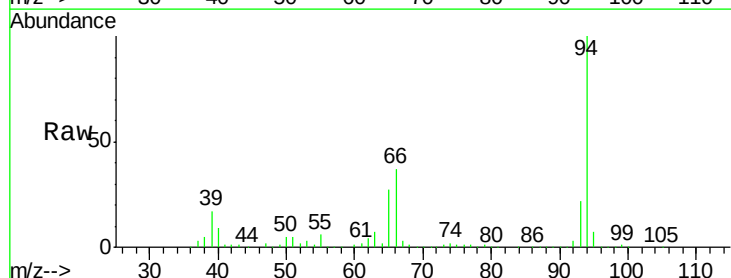
Tgt Ion: 93 Resp: 401300

Ion Ratio Lower Upper

93 100

66 167.6 76.2 114.2#

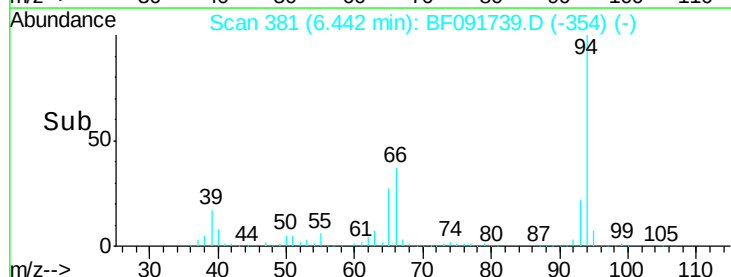
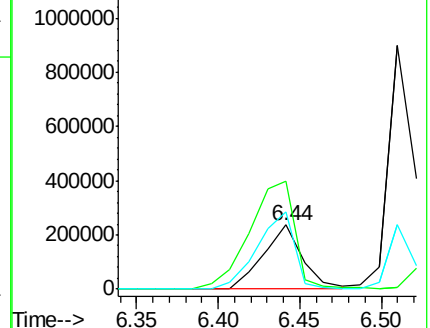
65 119.4 49.3 73.9#

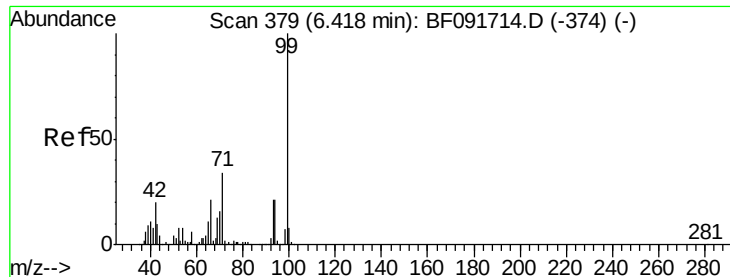


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 153.15 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

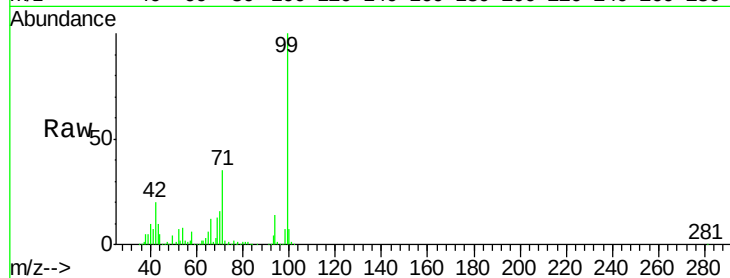
Tot Ion: 99 Resp: 3399854

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

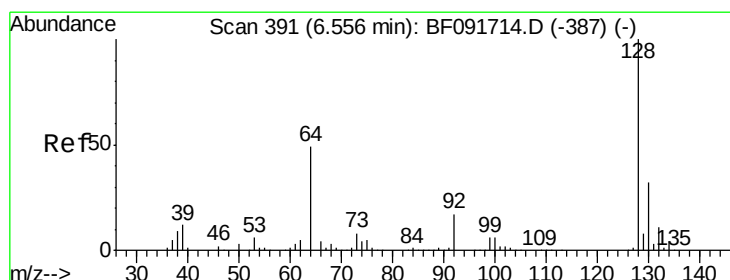
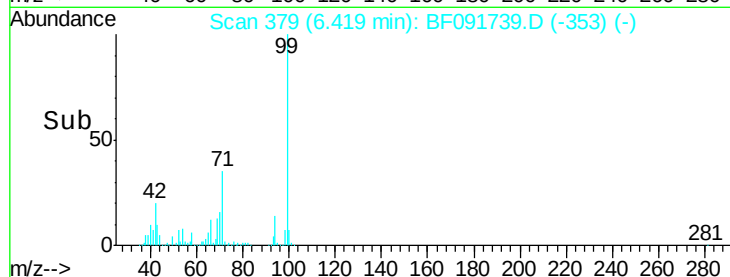
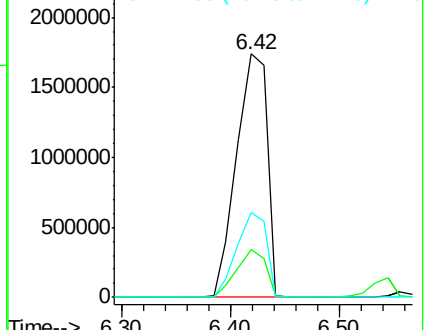
71 34.8 27.5 41.3



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: 48.10 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

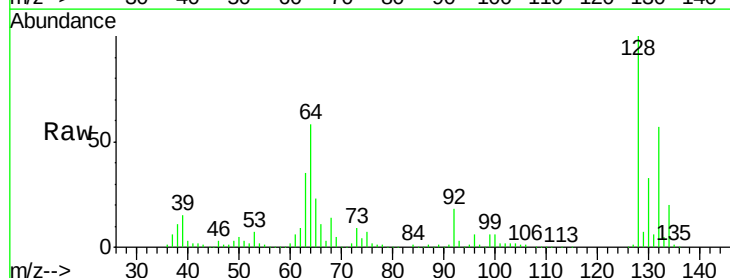
Tgt Ion: 128 Resp: 963836

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

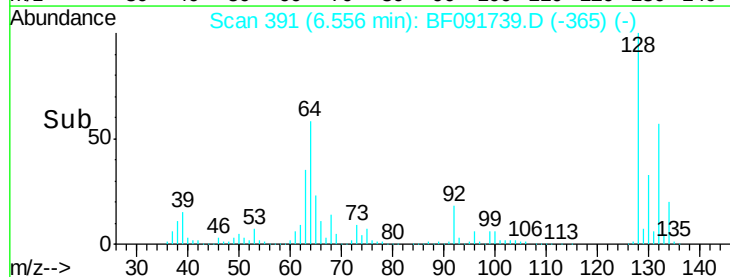
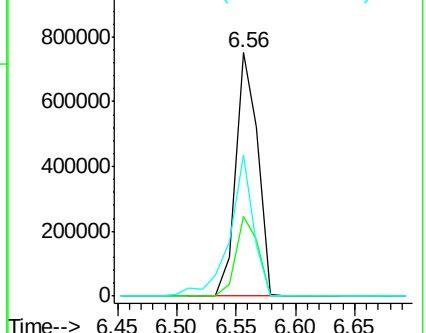
64 57.9 32.2 72.2

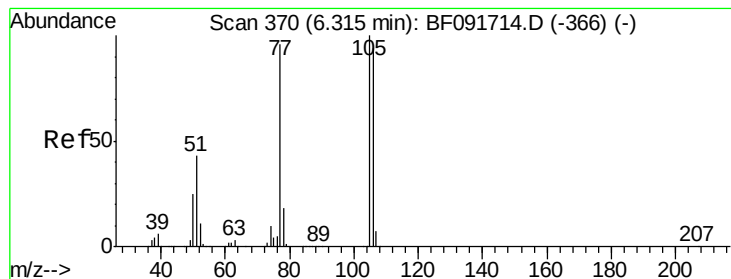


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.10 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

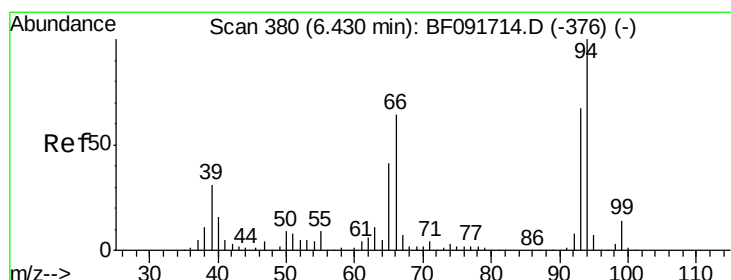
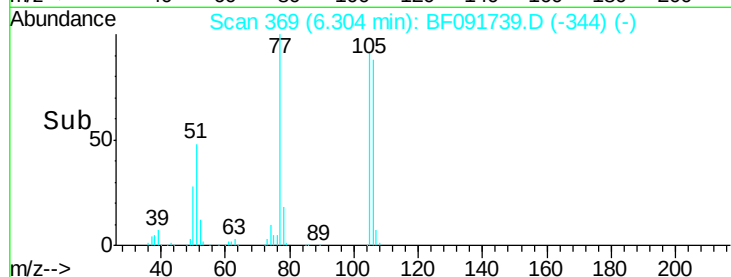
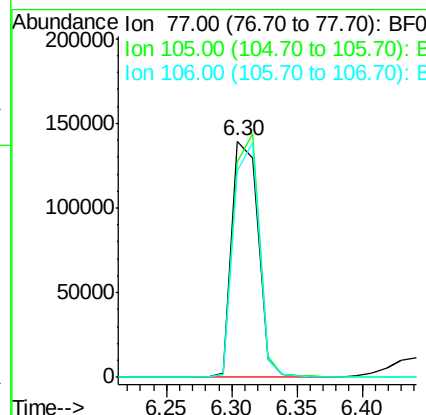
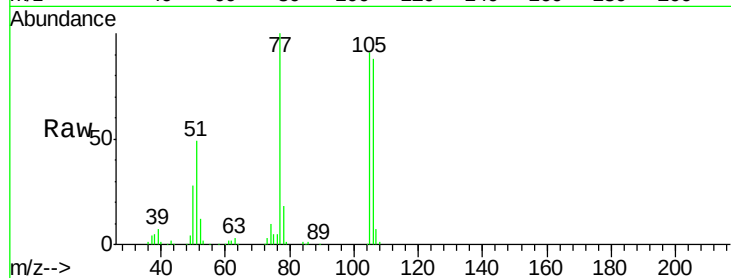
Tot Ion: 77 Resp: 195769

Ion Ratio Lower Upper

77 100

105 91.3 83.9 123.9

106 87.6 77.6 117.6



#10

Phenol

Concen: 54.24 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

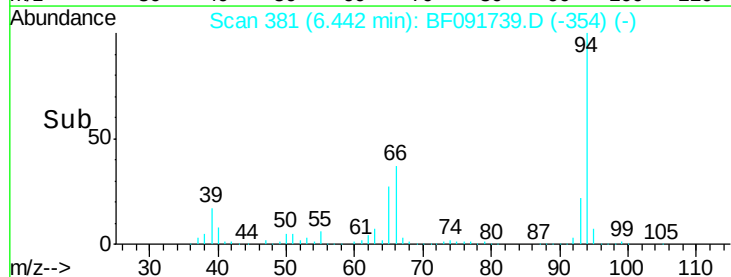
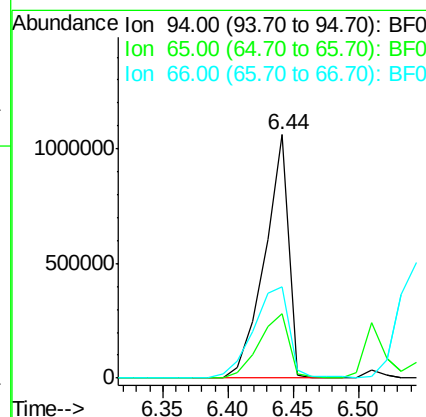
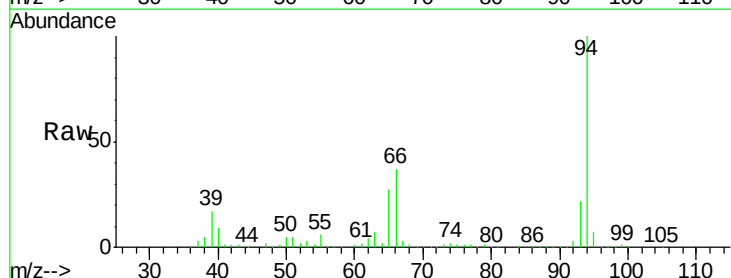
Tgt Ion: 94 Resp: 1357196

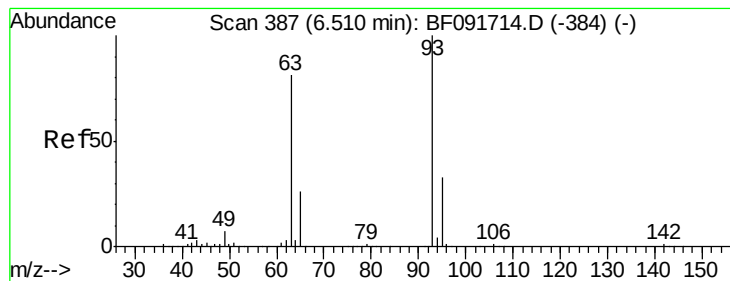
Ion Ratio Lower Upper

94 100

65 26.7 21.4 61.4

66 37.4 44.0 84.0#

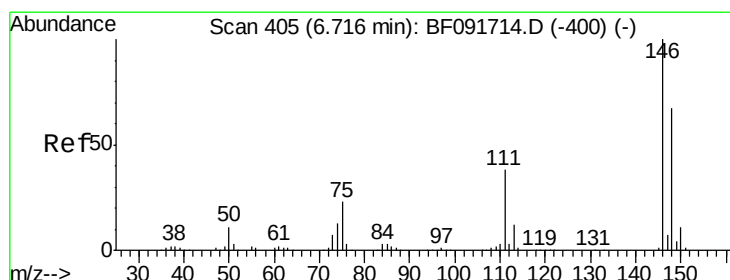
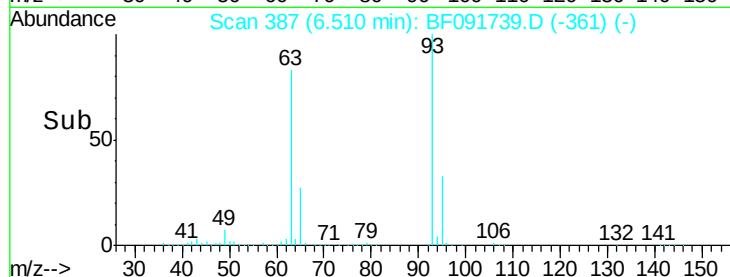
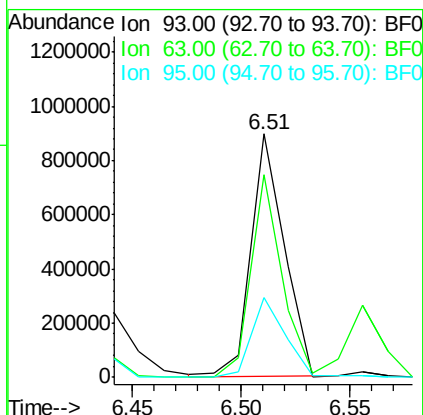
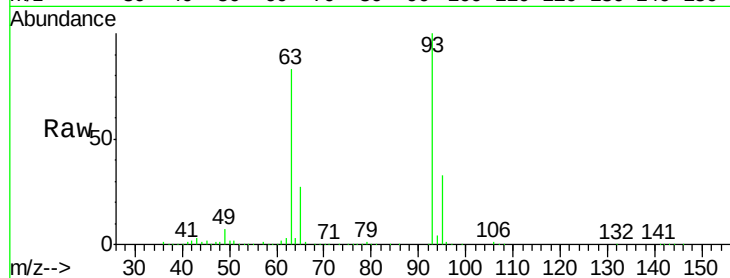




#11
bis(2-Chloroethyl)ether
Concen: 47.34 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

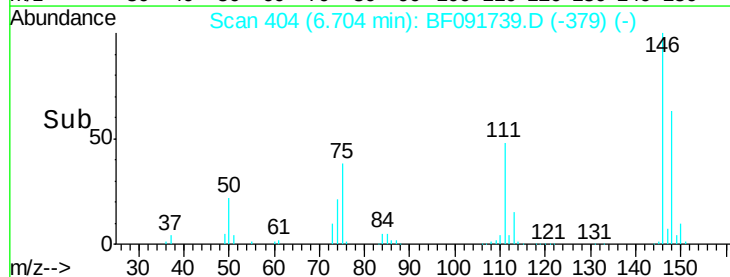
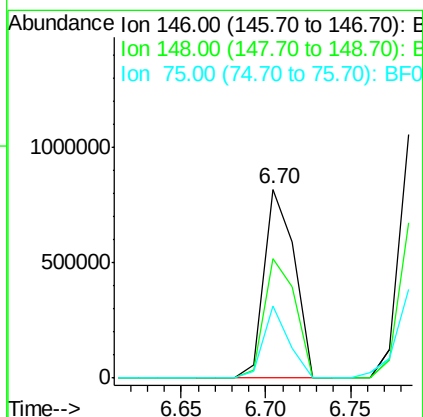
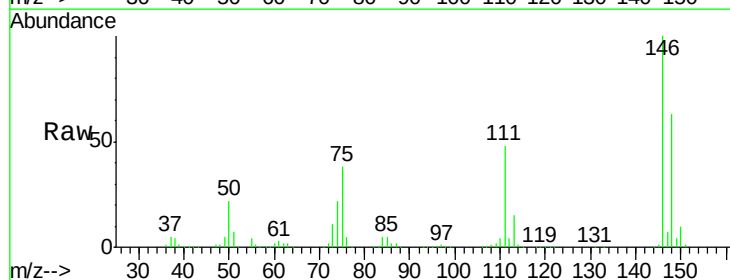
Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FTMSD

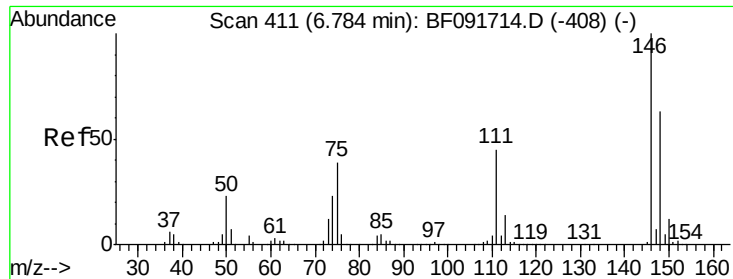
Tot Ion: 93 Resp: 946113
Ion Ratio Lower Upper
93 100
63 83.1 60.4 100.4
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.69 ng m
RT: 6.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Tgt Ion: 146 Resp: 1005392
Ion Ratio Lower Upper
146 100
148 63.3 53.4 80.0
75 38.4 18.5 27.7#

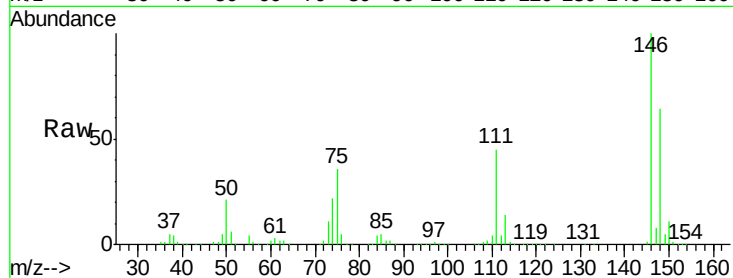




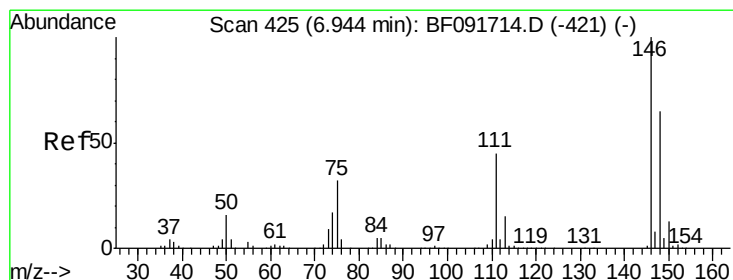
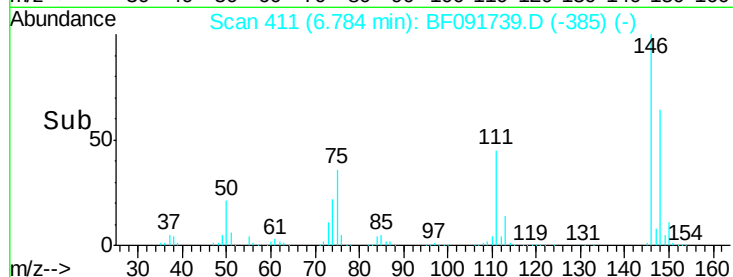
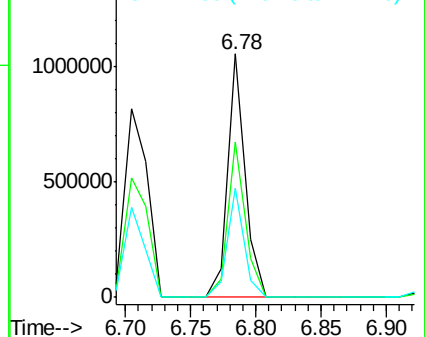
#13
 1,4-Dichlorobenzene
 Concen: 44.18 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

Instrument :
 BNA_F
 ClientSampleId :
 TP09-2-2.5FTMSD

Tot Ion:146 Resp: 983600
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 76.0
 111 45.1 36.2 54.4

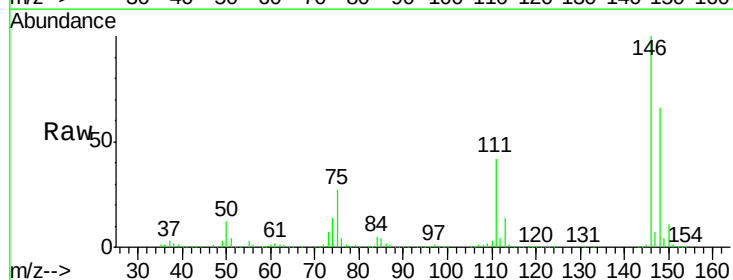


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

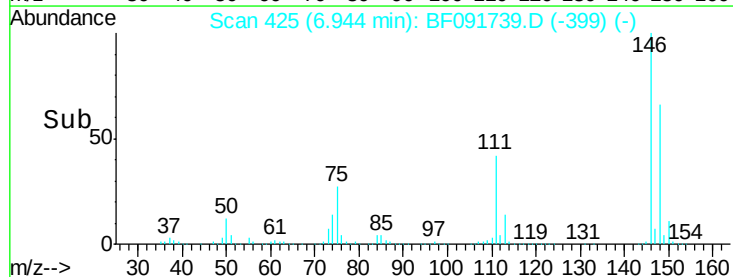
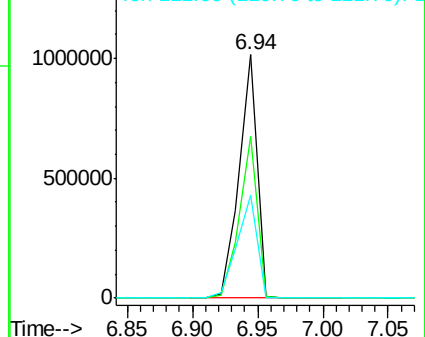


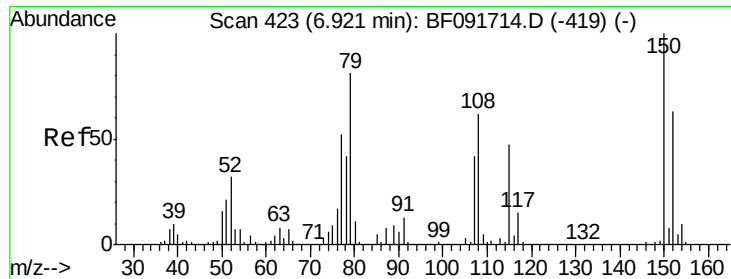
#14
 1,2-Dichlorobenzene
 Concen: 49.54 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

Tgt Ion:146 Resp: 966240
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.2 78.2
 111 42.2 36.2 54.2



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

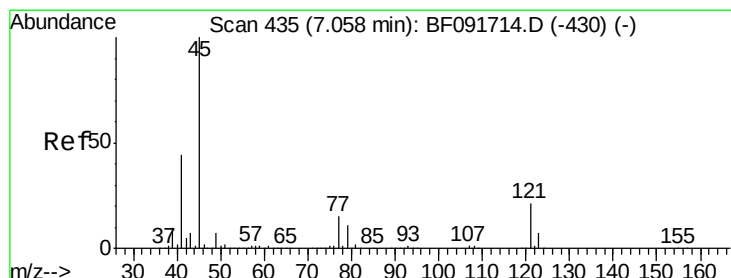
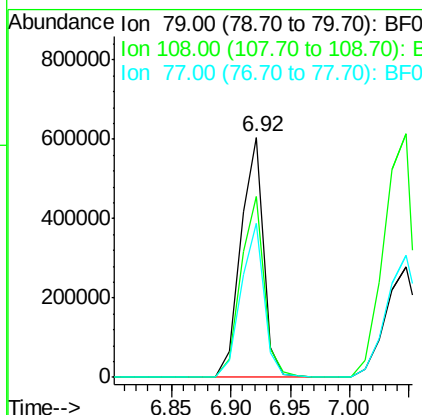
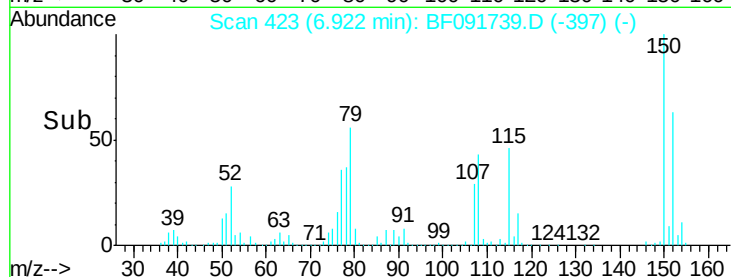
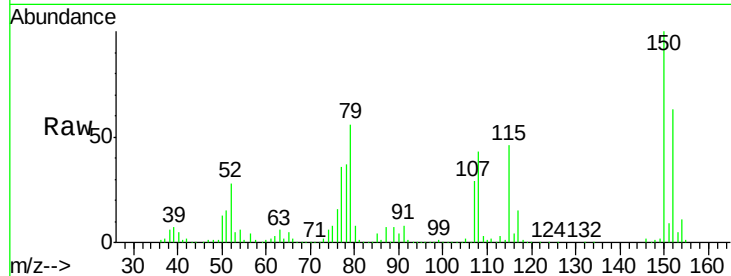




#15
Benzyl Alcohol
Concen: 47.17 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

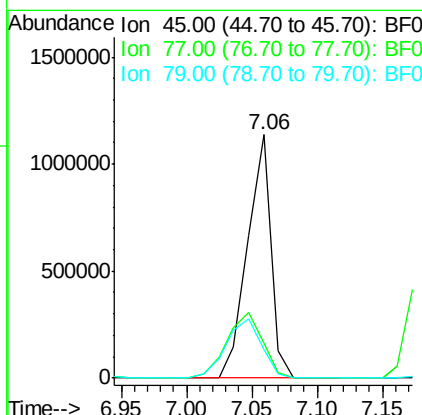
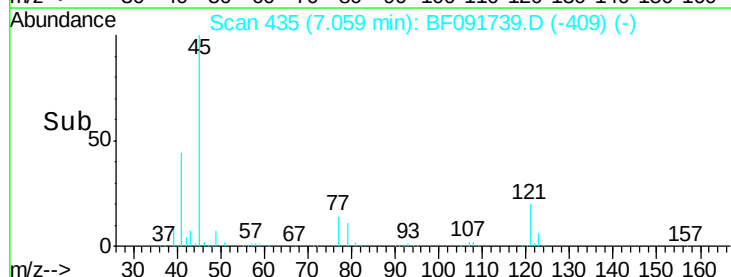
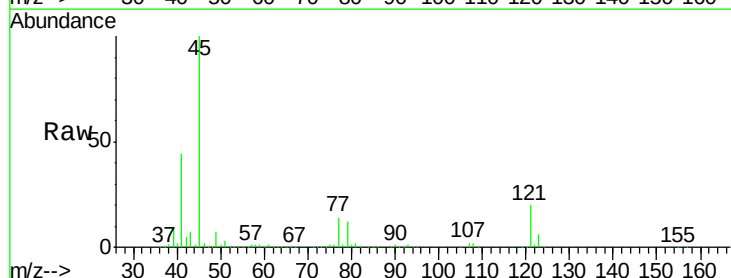
Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FTMSD

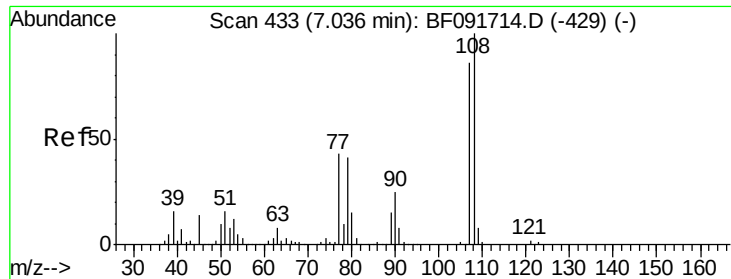
Tot Ion: 79 Resp: 810662
Ion Ratio Lower Upper
79 100
108 75.6 61.4 92.0
77 64.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.82 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Tgt Ion: 45 Resp: 1429716
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.6
79 11.8 0.0 31.2

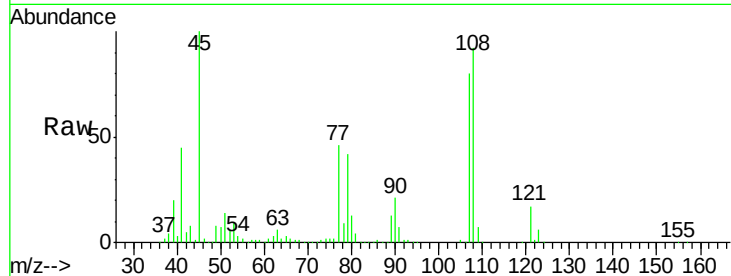




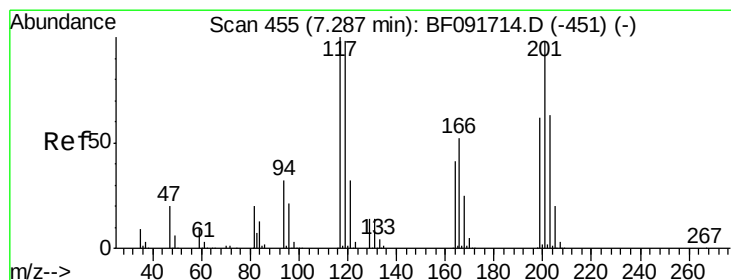
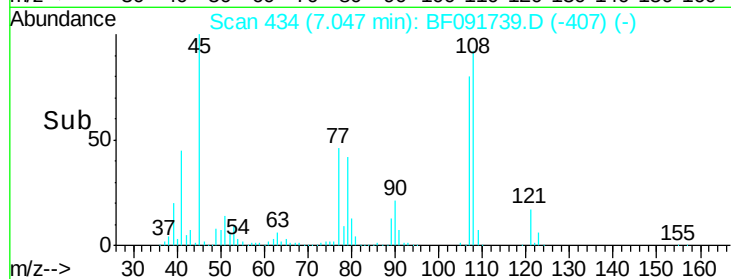
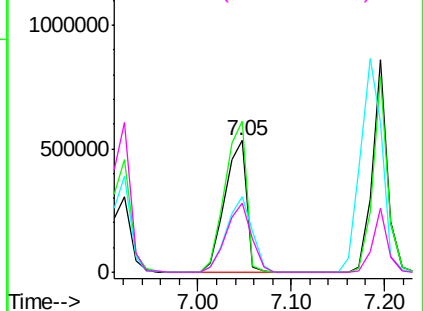
#17
2-Methylphenol
Concen: 51.92 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FTMSD

Tot Ion:107 Resp: 869263
Ion Ratio Lower Upper
107 100
108 115.3 93.0 139.6
77 58.0 39.8 59.8
79 52.4 38.0 57.0

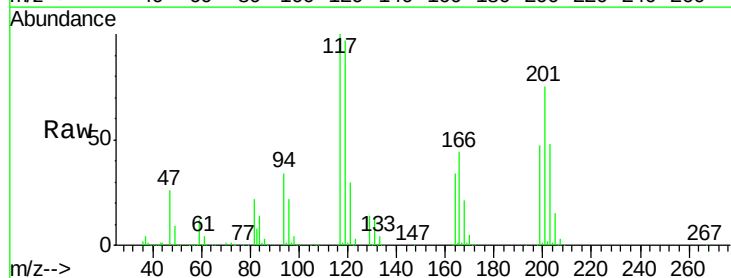


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

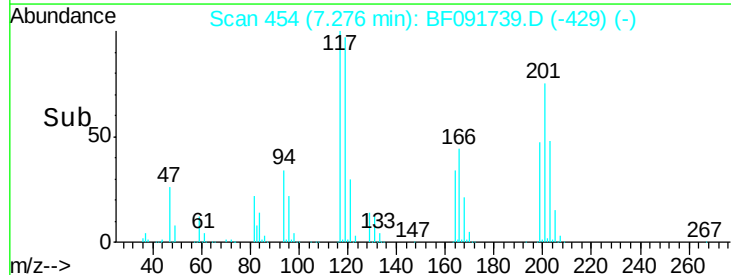
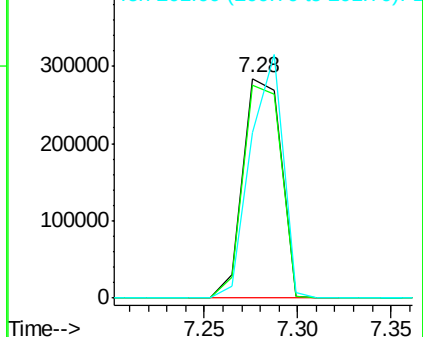


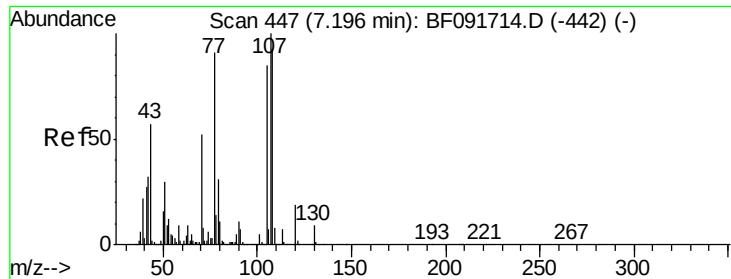
#18
Hexachloroethane
Concen: 48.61 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Tgt Ion:117 Resp: 402094
Ion Ratio Lower Upper
117 100
119 97.3 78.1 117.1
201 75.4 78.6 117.8#



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

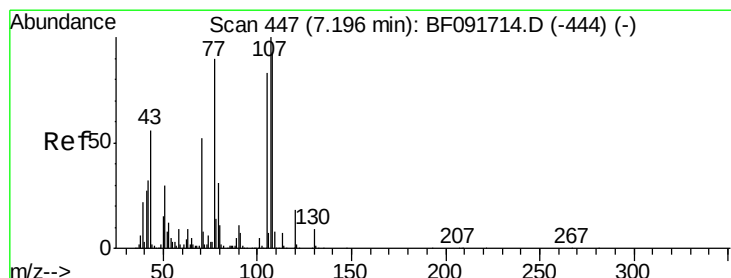
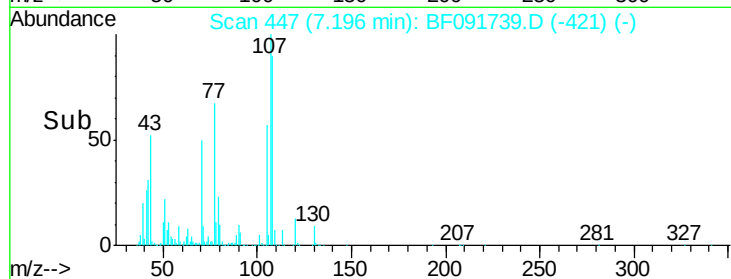
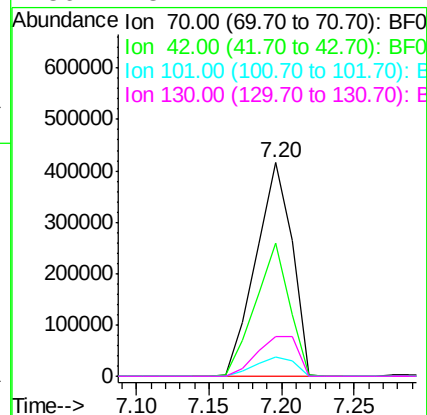
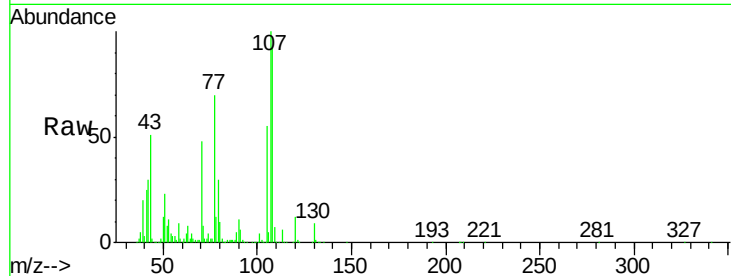




#19
n-Nitroso-di-n-propylamine
Concen: 48.73 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

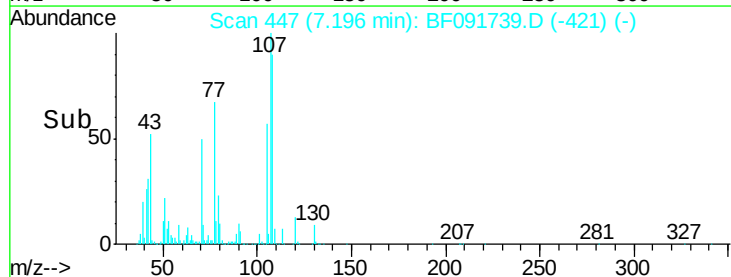
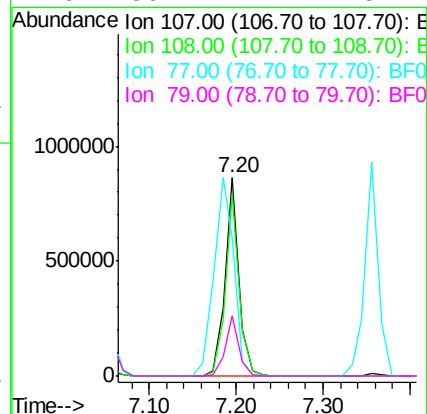
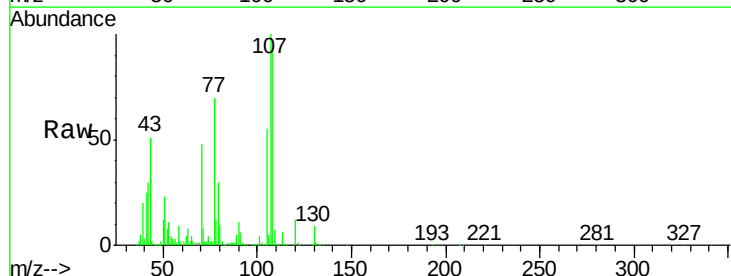
Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FTMSD

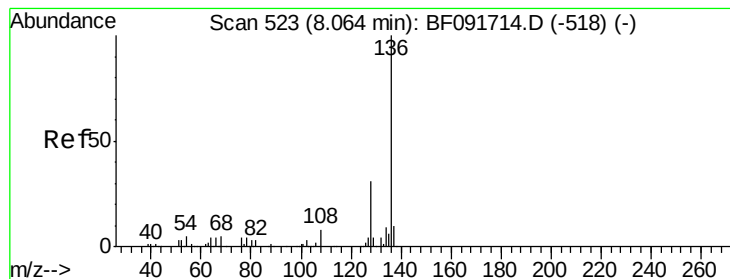
Tot Ion	Ratio	Lower	Upper
70	100		
42	62.3	49.4	74.0
101	9.0	7.4	11.2
130	18.4	14.2	21.4



#20
3+4-Methylphenols
Concen: 51.72 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	73.0	113.0
77	70.0	71.3	111.3#
79	30.2	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

Tot Ion:136 Resp: 1222215

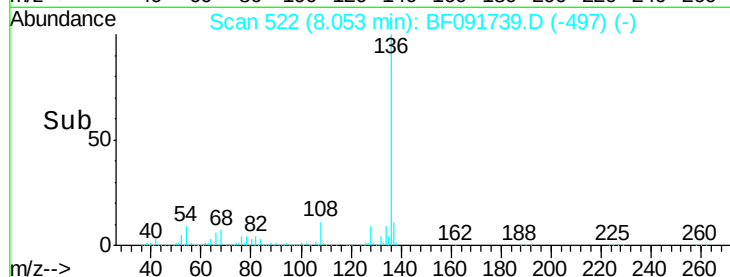
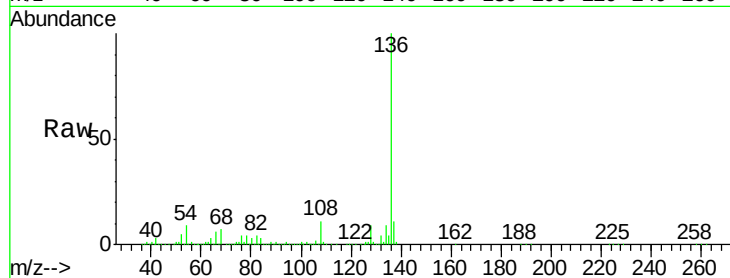
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 8.7 4.5 6.7#

68 6.7 3.6 5.4#



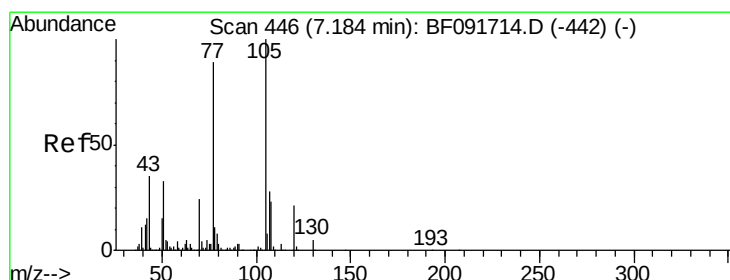
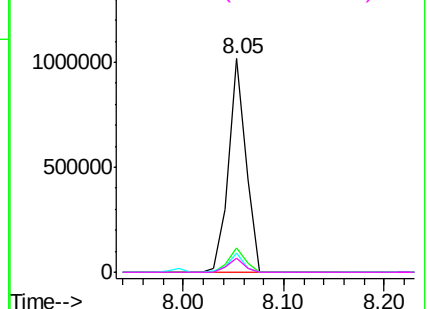
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 48.17 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Tgt Ion:105 Resp: 1421601

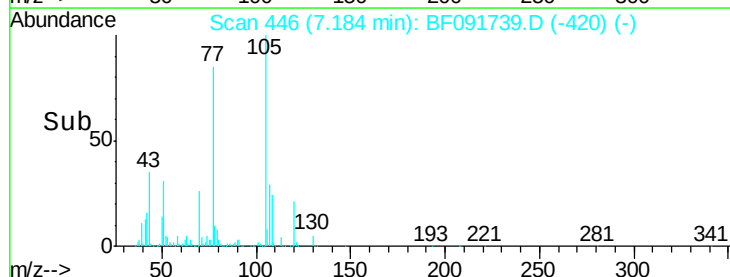
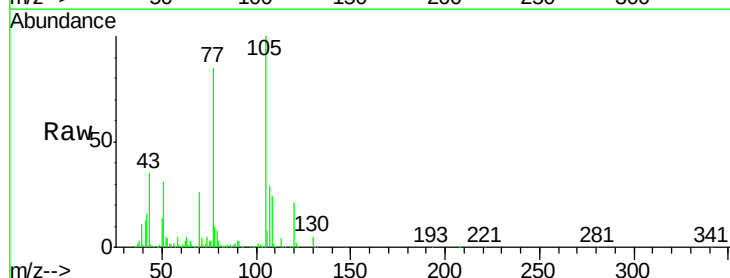
Ion Ratio Lower Upper

105 100

71 4.2 3.2 4.8

51 31.4 26.2 39.4

120 20.8 16.6 24.8



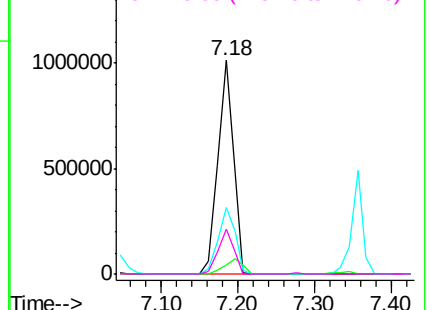
Abundance

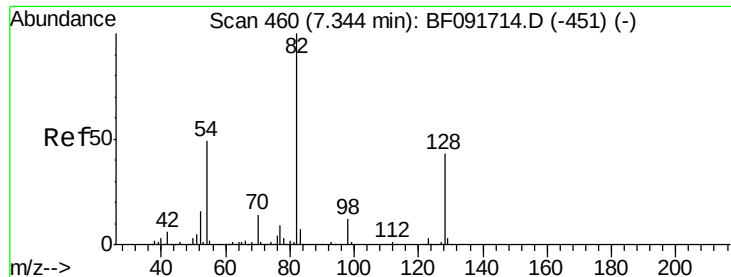
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 105.19 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

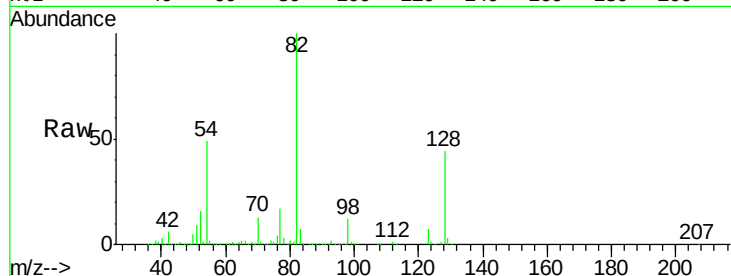
Tot Ion: 82 Resp: 2229395

Ion Ratio Lower Upper

82 100

128 44.2 34.6 52.0

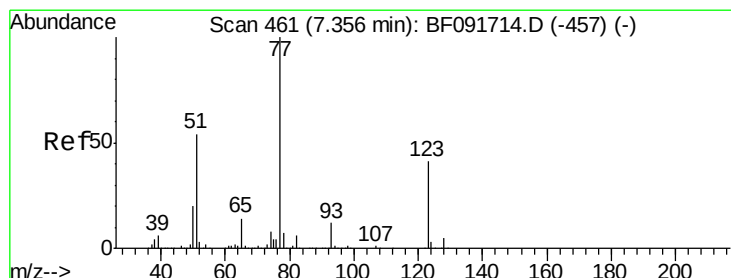
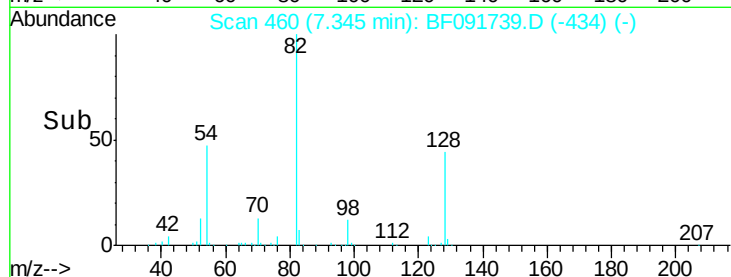
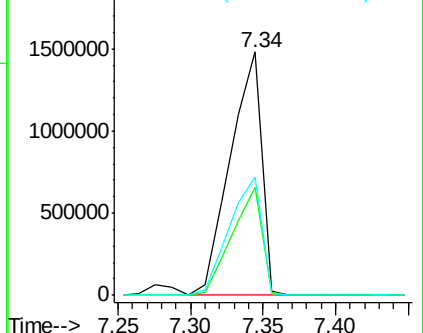
54 48.5 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.74 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

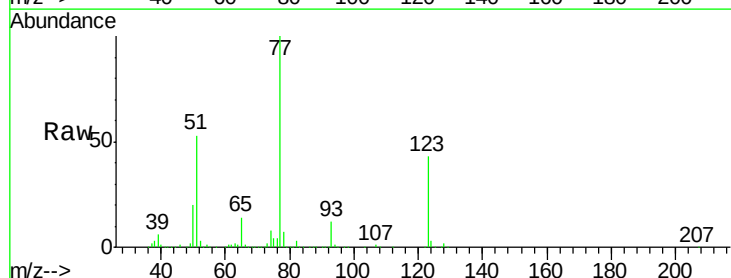
Tgt Ion: 77 Resp: 995576

Ion Ratio Lower Upper

77 100

123 42.7 33.0 49.4

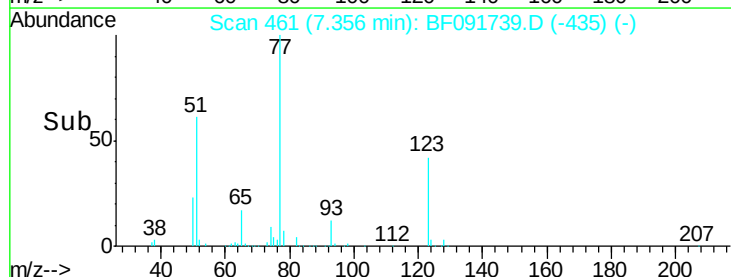
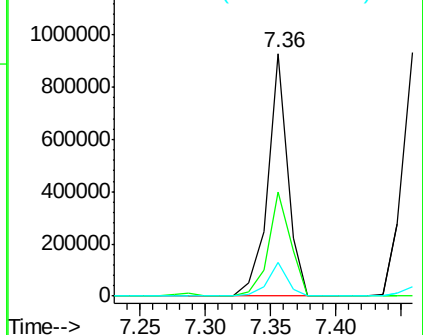
65 14.0 11.2 16.8

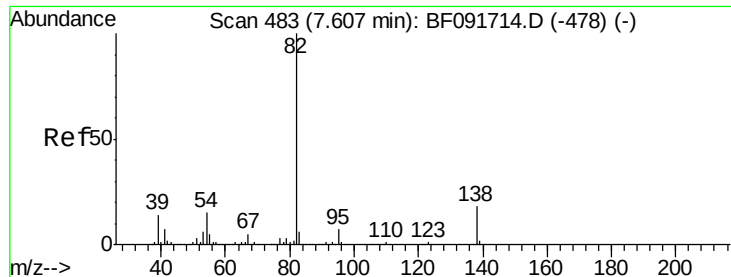


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 51.12 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

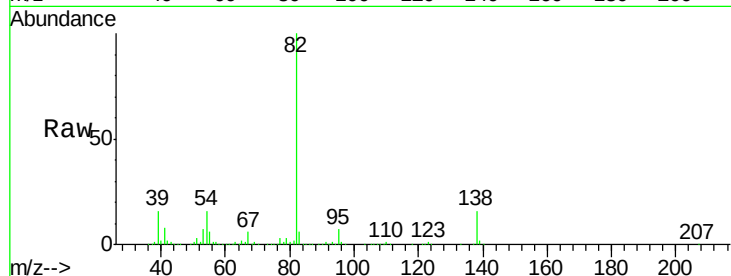
Tot Ion: 82 Resp: 2067194

Ion Ratio Lower Upper

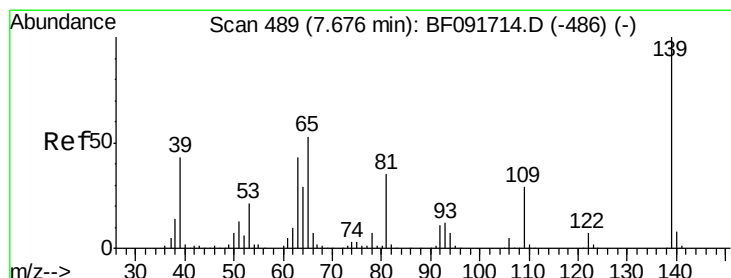
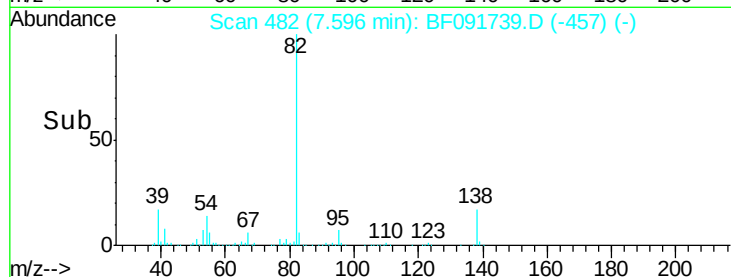
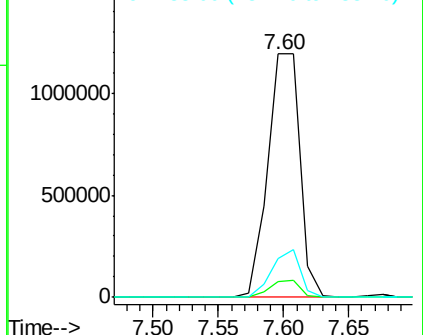
82 100

95 6.6 5.6 8.4

138 15.9 14.6 22.0



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: 53.11 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

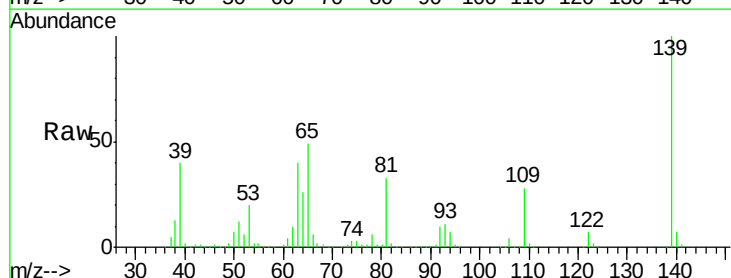
Tgt Ion: 139 Resp: 583146

Ion Ratio Lower Upper

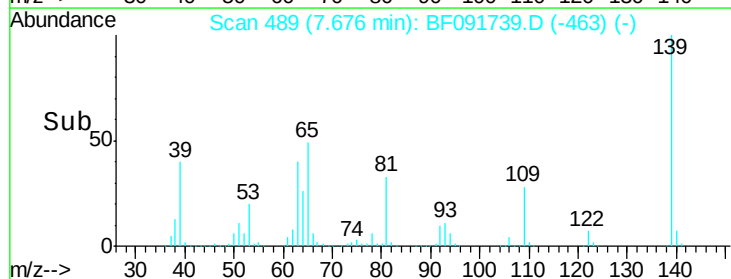
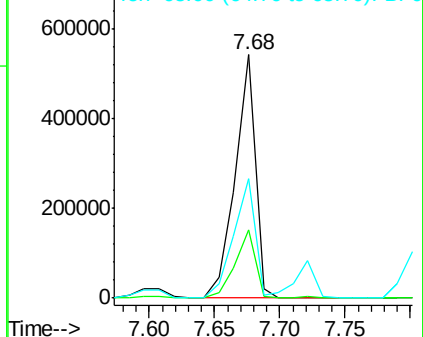
139 100

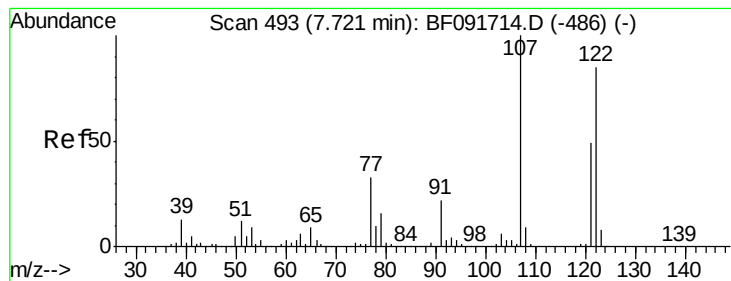
109 28.0 23.3 34.9

65 48.9 42.7 64.1



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

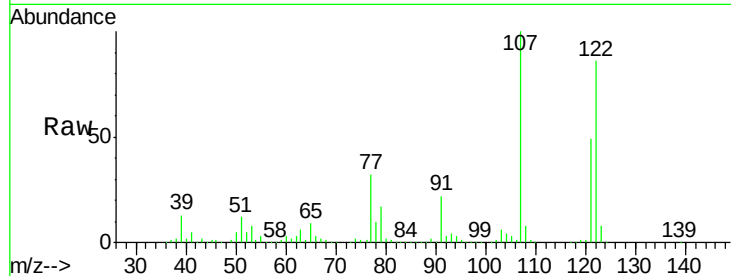




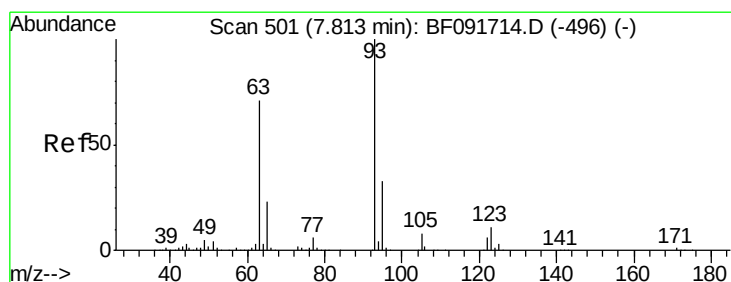
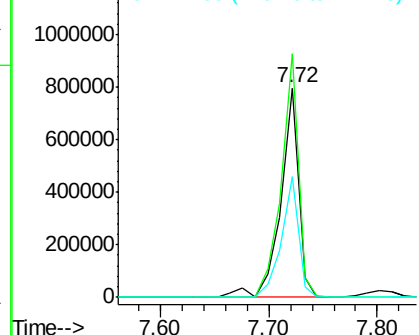
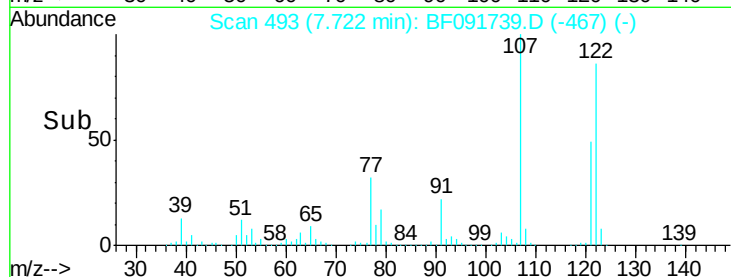
#27
2,4-Dimethylphenol
Concen: 50.89 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FTMSD

Tot Ion:122 Resp: 911493
Ion Ratio Lower Upper
122 100
107 116.3 94.1 141.1
121 57.4 46.0 69.0

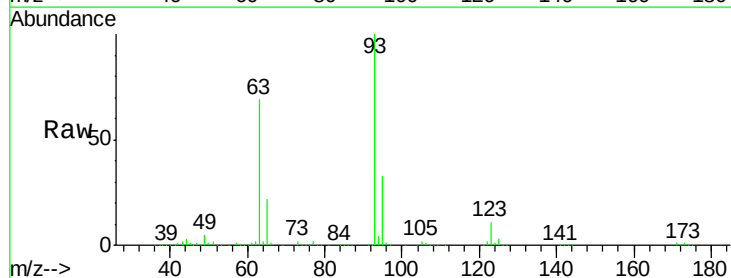


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

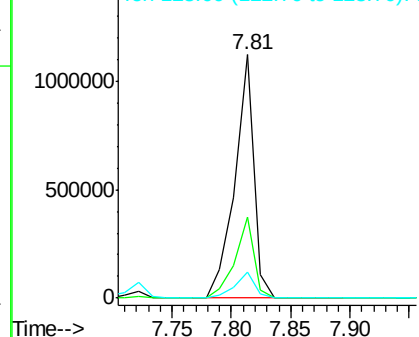
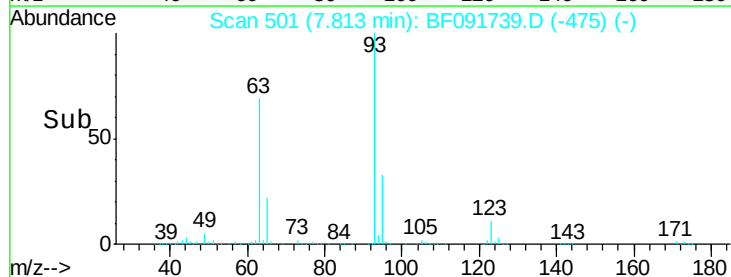


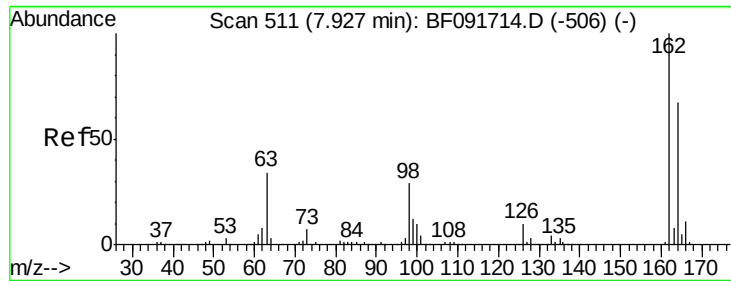
#28
bis(2-Chloroethoxy)methane
Concen: 53.27 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Tgt Ion: 93 Resp: 1260486
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 10.6 8.6 13.0



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

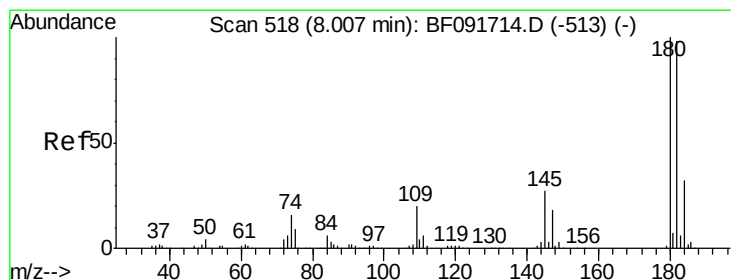
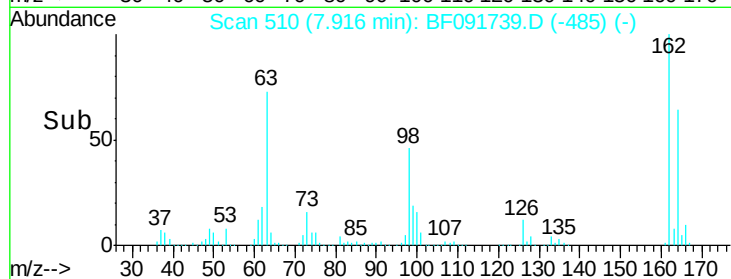
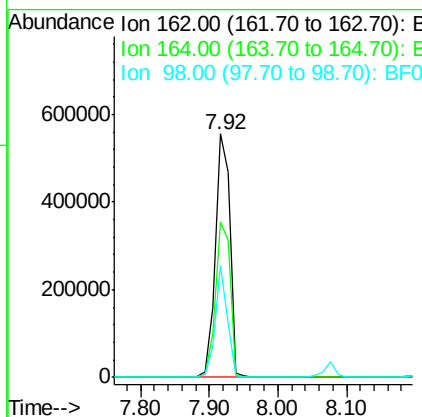
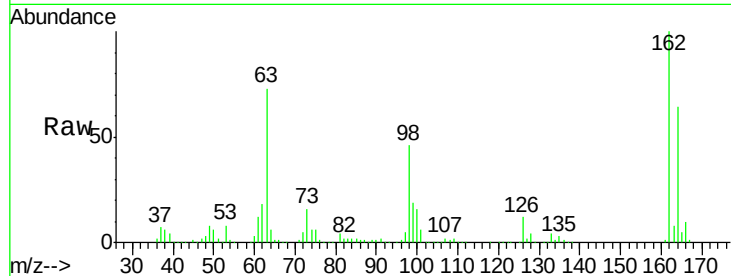




#29
 2,4-Dichlorophenol
 Concen: 50.49 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

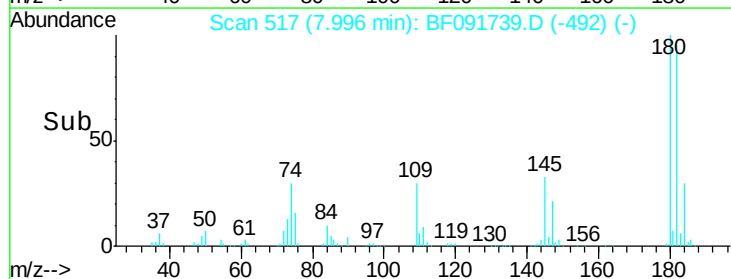
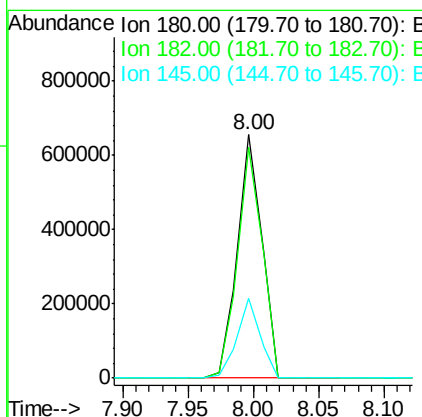
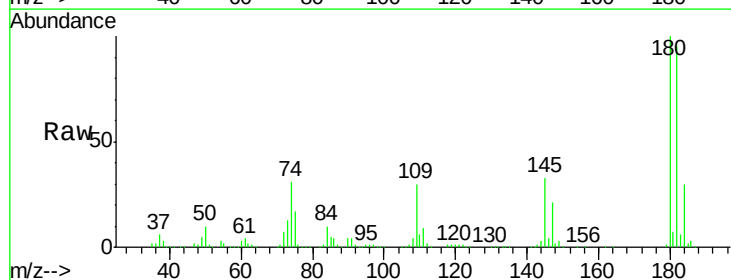
Instrument :
 BNA_F
 ClientSampleId :
 TP09-2-2.5FTMSD

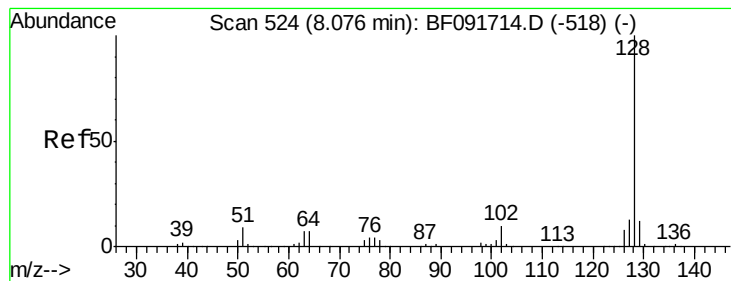
Tot Ion:162 Resp: 834012
 Ion Ratio Lower Upper
 162 100
 164 63.8 46.8 86.8
 98 46.1 9.1 49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 47.73 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

Tgt Ion:180 Resp: 854467
 Ion Ratio Lower Upper
 180 100
 182 94.9 78.2 117.4
 145 32.6 21.6 32.4#





#31

Naphthalene

Concen: 45.58 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

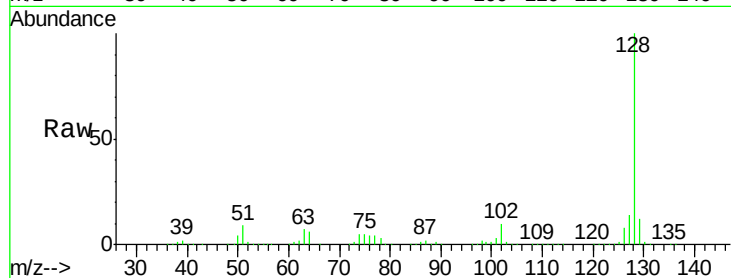
Tot Ion:128 Resp: 2661357

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

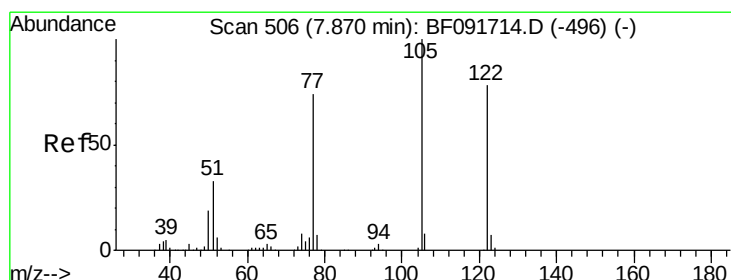
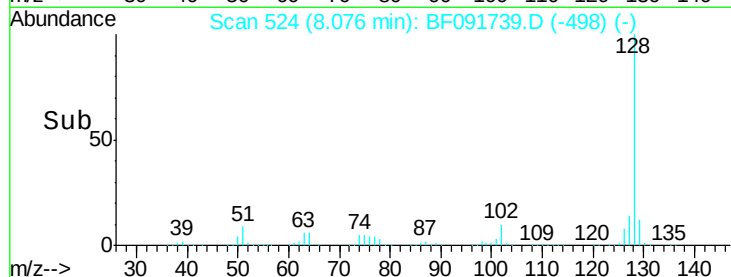
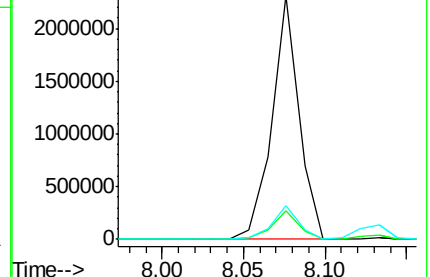
127 13.7 10.8 16.2



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: 4.66 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.07 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

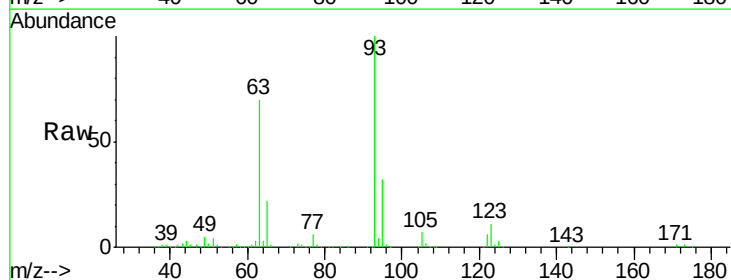
Tgt Ion:122 Resp: 59492

Ion Ratio Lower Upper

122 100

105 122.2 107.2 147.2

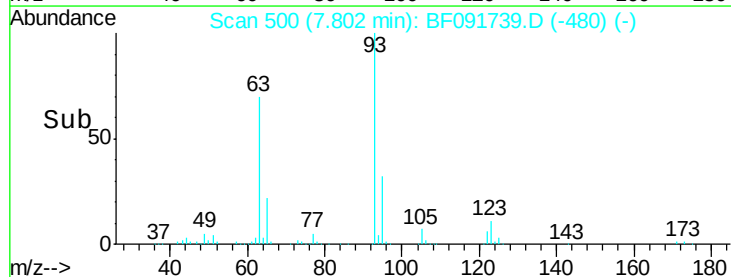
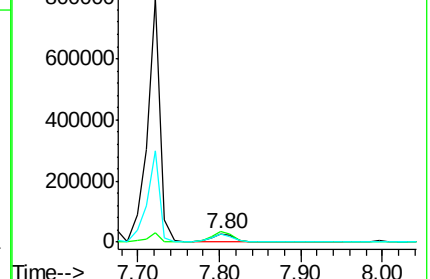
77 97.2 74.5 114.5

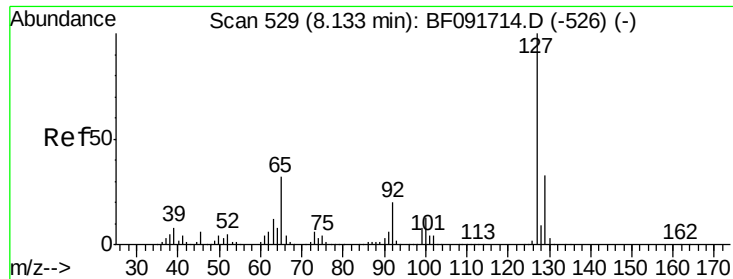


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

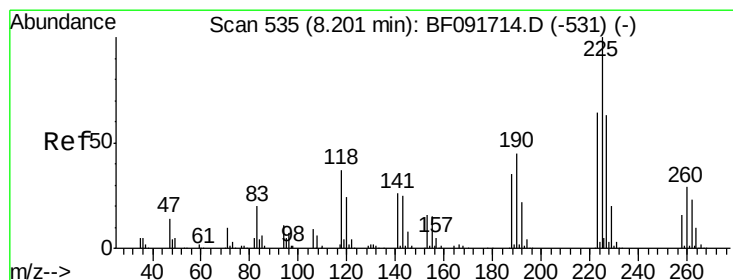
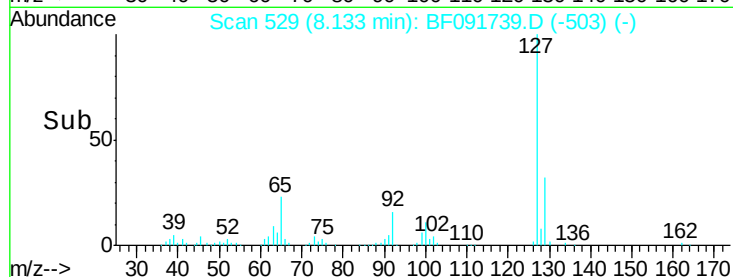
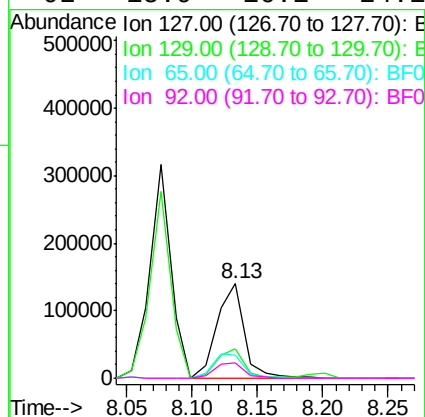
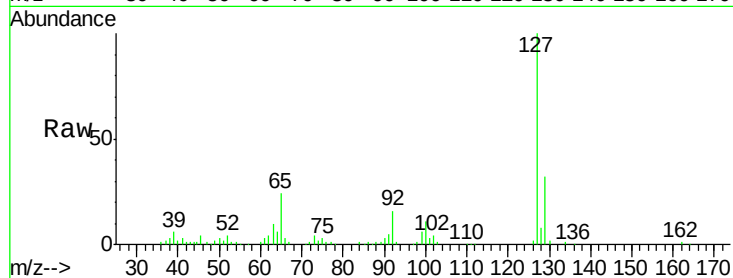




#33
4-Chloroaniline
Concen: 8.27 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

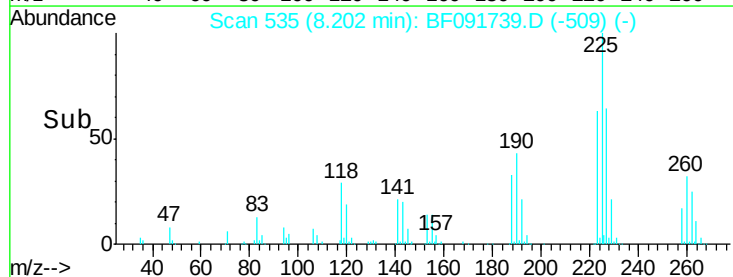
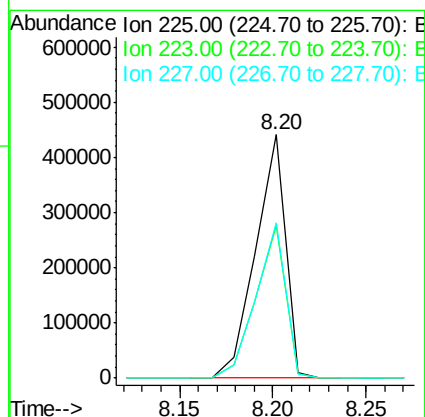
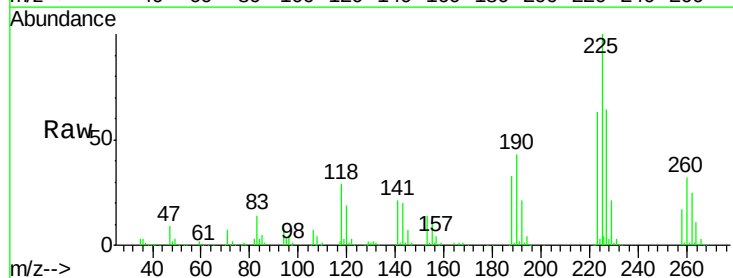
Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FTMSD

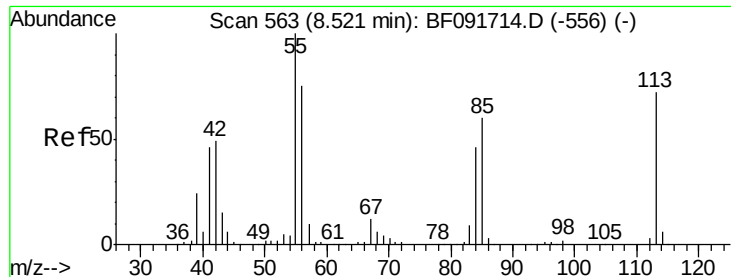
Tot Ion:	127	Resp:	203379
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	23.9	25.8	38.8#
92	15.9	16.1	24.1#



#34
Hexachlorobutadiene
Concen: 48.41 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Tgt Ion:	225	Resp:	487228
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	63.7	50.6	76.0

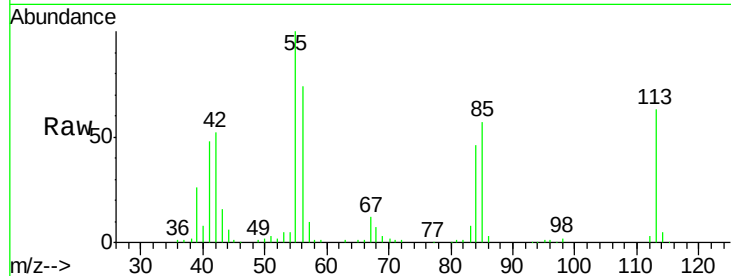




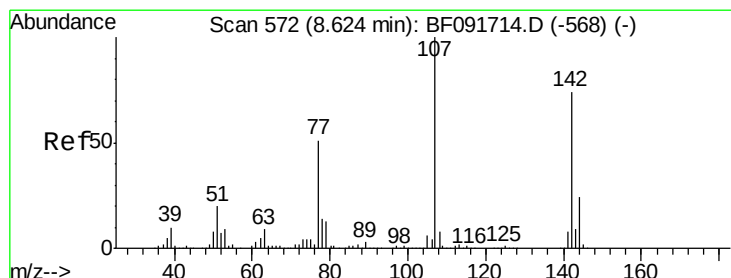
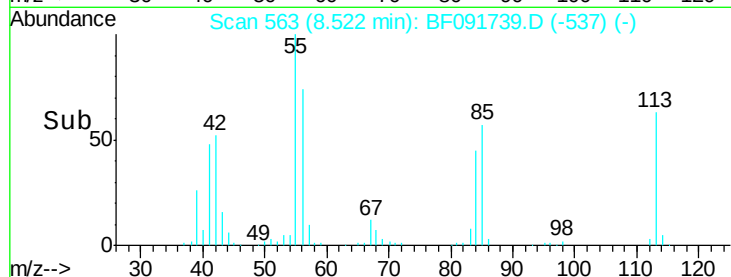
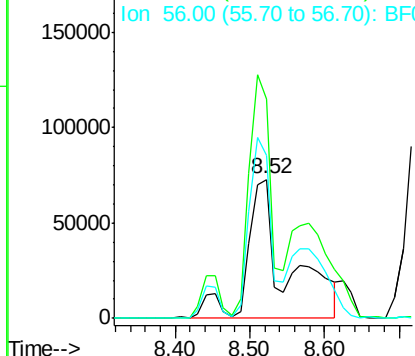
#35
Caprolactam
Concen: 50.37 ng/ml
RT: 8.52 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FTMSD

Tot Ion:113 Resp: 267714
Ion Ratio Lower Upper
113 100
55 158.2 119.2 159.2
56 117.2 83.8 123.8

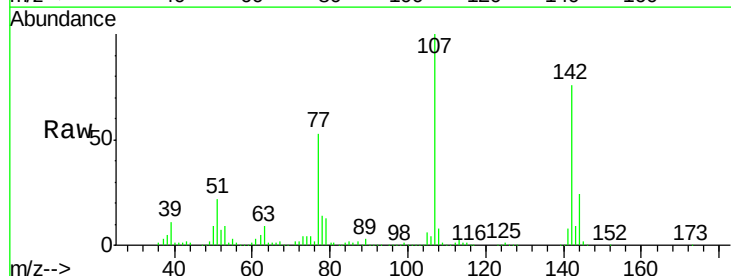


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

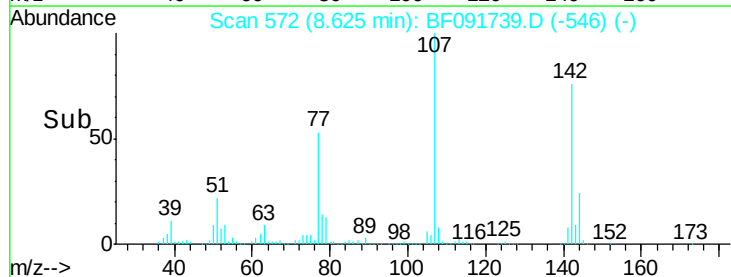
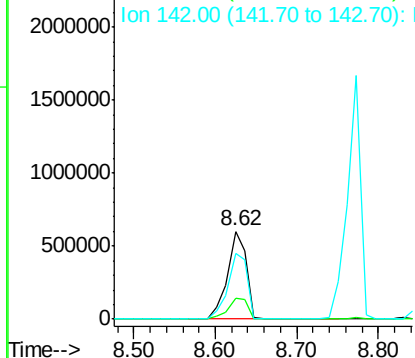


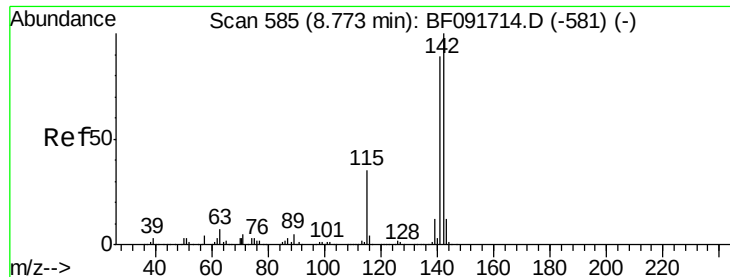
#36
4-Chloro-3-methylphenol
Concen: 52.64 ng/ml
RT: 8.62 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Tgt Ion:107 Resp: 959344
Ion Ratio Lower Upper
107 100
144 24.2 19.3 28.9
142 75.6 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

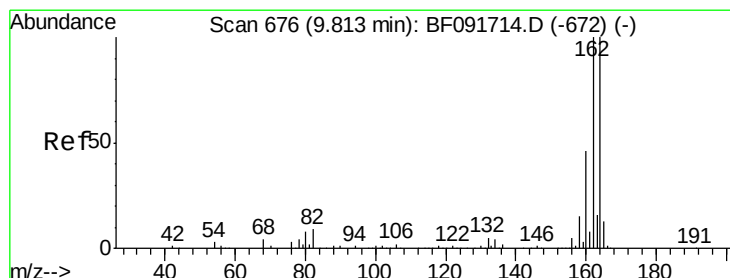
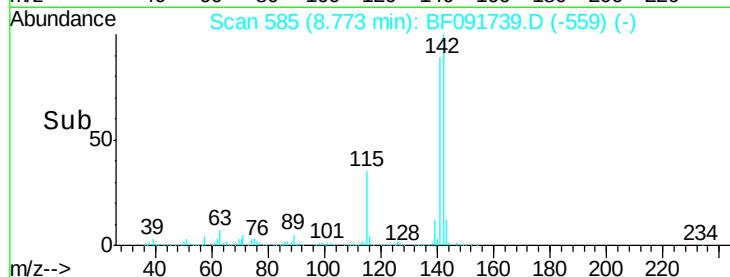
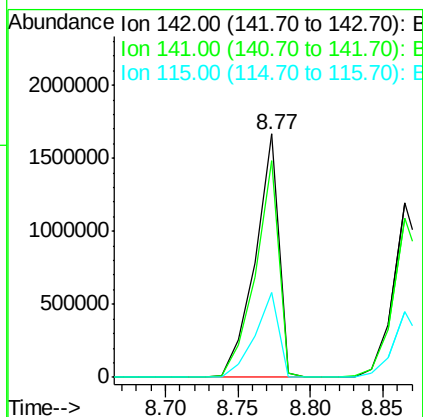
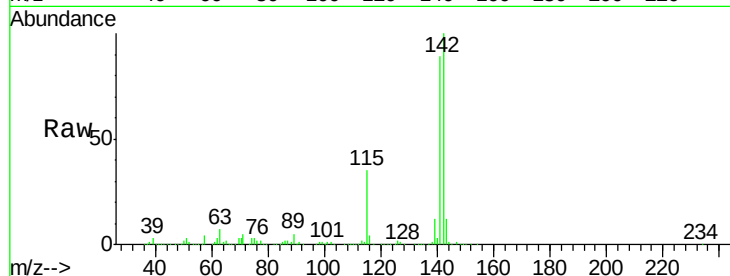




#37
2-Methylnaphthalene
Concen: 51.34 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

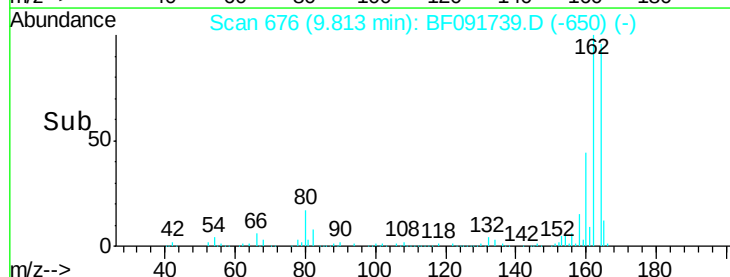
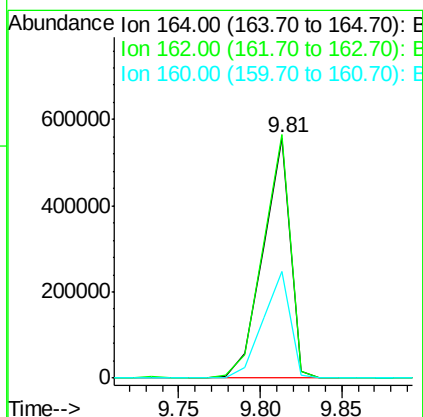
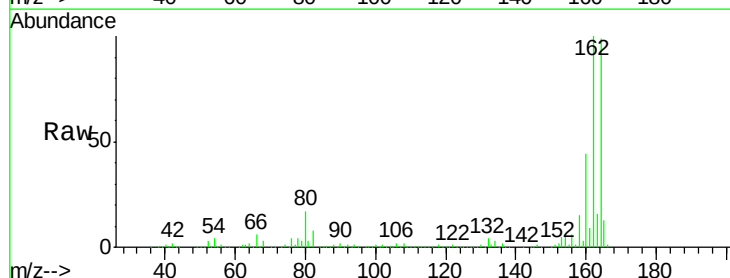
Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FTMSD

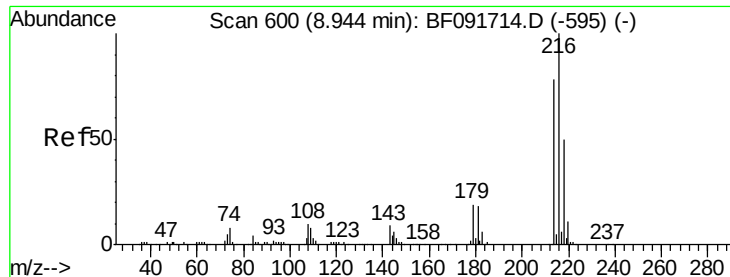
Tot Ion:142 Resp: 1889737
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 34.8 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Tgt Ion:164 Resp: 646281
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 44.4 36.9 55.3

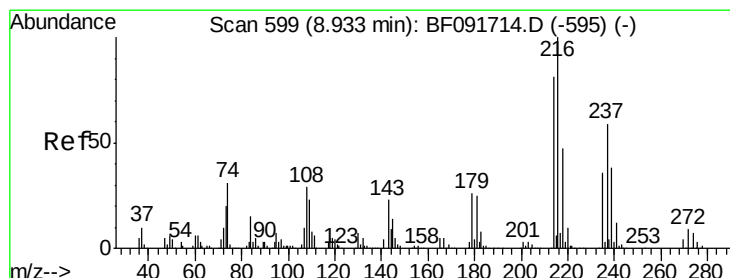
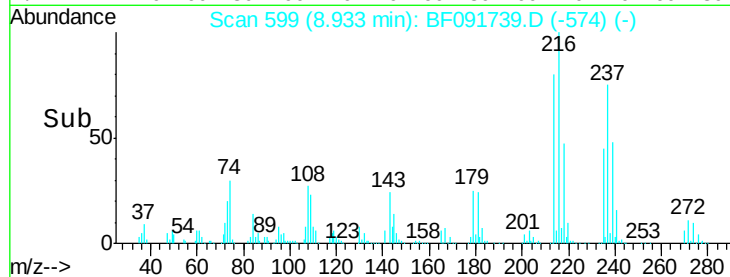
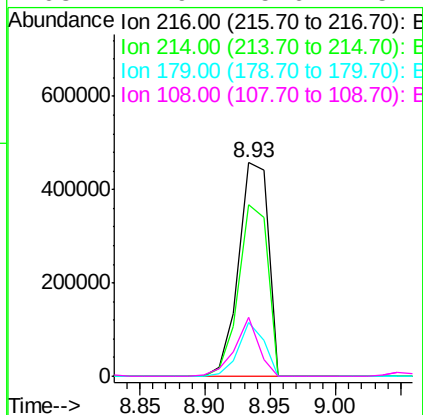
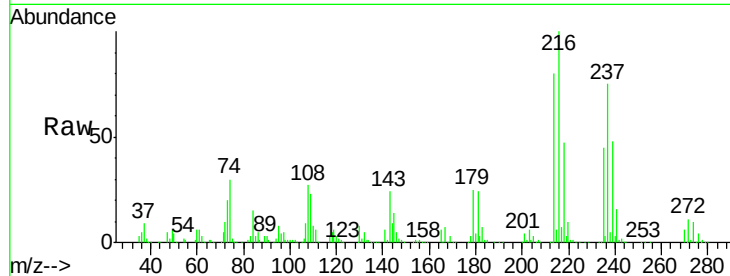




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.90 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

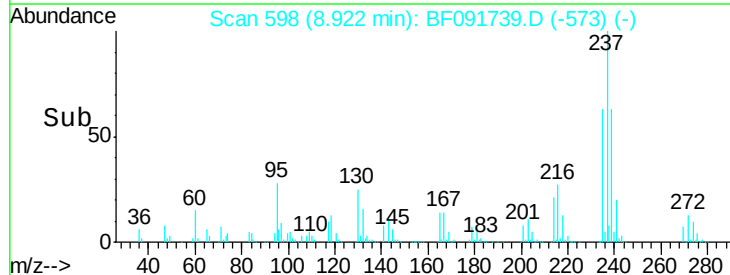
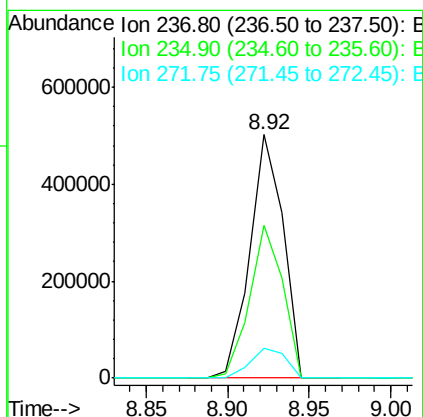
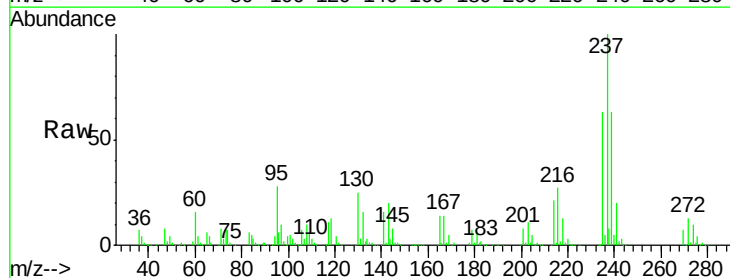
Instrument :
 BNA_F
 ClientSampleId :
 TP09-2-2.5FTMSD

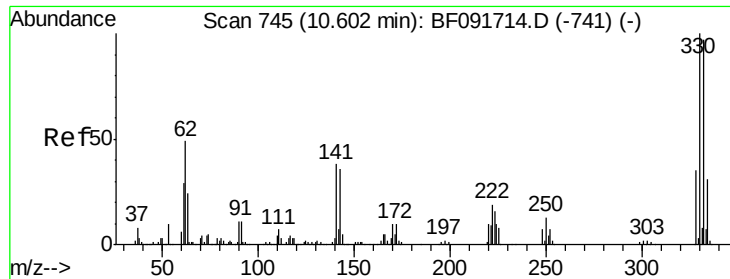
Tot Ion:216	Resp:	723332
Ion Ratio	Lower	Upper
216	100	
214	78.9	63.4 95.0
179	21.9	17.4 26.2
108	21.9	15.6 23.4



#40
 Hexachlorocyclopentadiene
 Concen: 103.54 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

Tgt Ion:237	Resp:	706918
Ion Ratio	Lower	Upper
237	100	
235	62.8	41.2 81.2
272	12.5	0.0 35.4

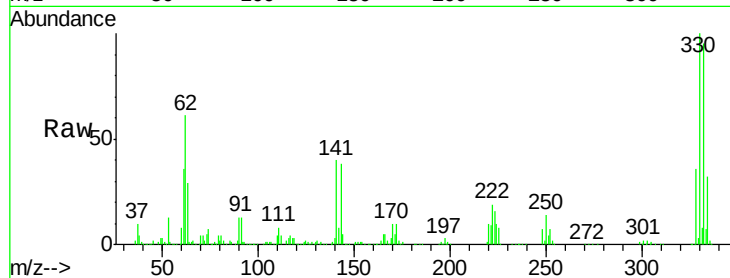




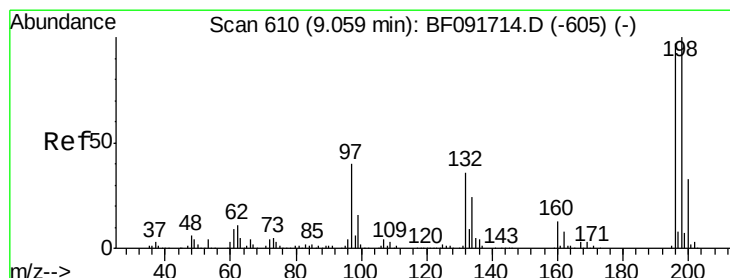
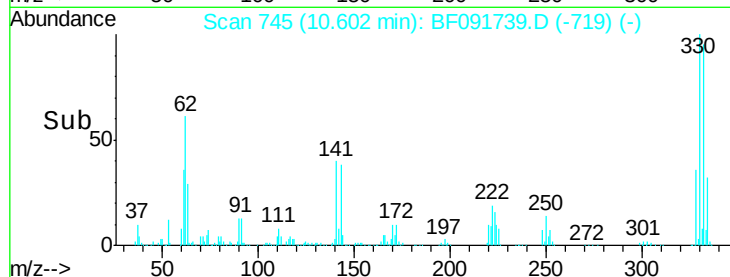
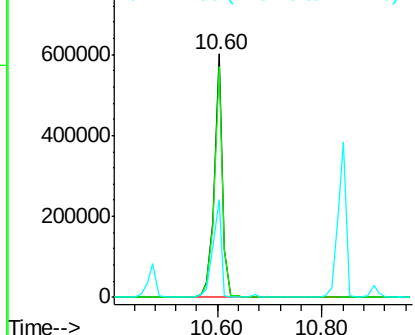
#41
 2,4,6-Tribromophenol
 Concen: 120.62 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

Instrument :
 BNA_F
 ClientSampleId :
 TP09-2-2.5FTMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	41.6	34.1	51.1

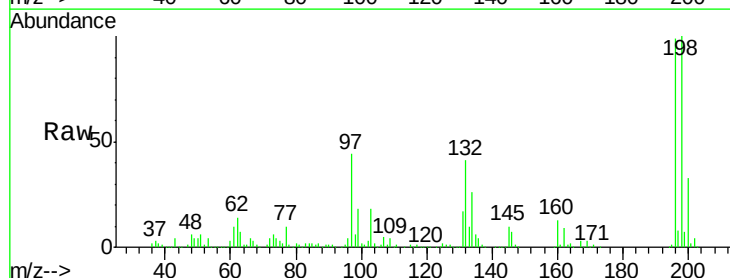


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

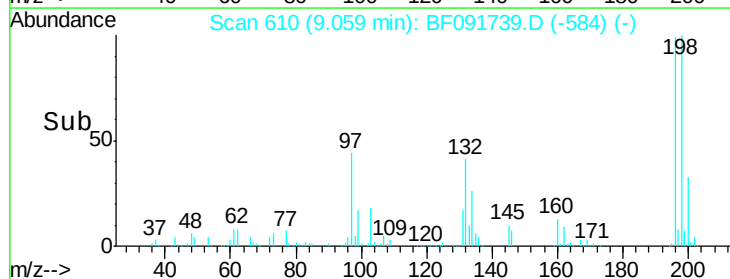
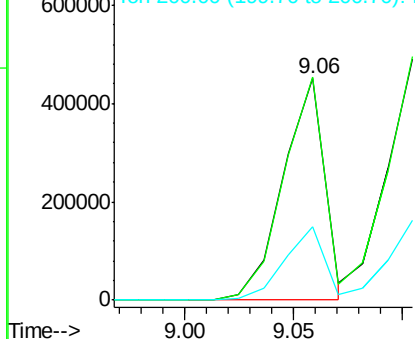


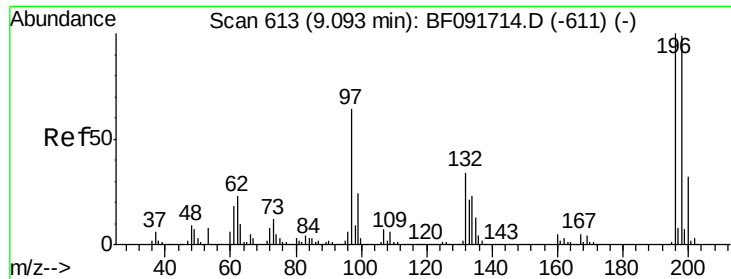
#42
 2,4,6-Trichlorophenol
 Concen: 52.16 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.7	82.1	123.1
200	33.3	27.0	40.4



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

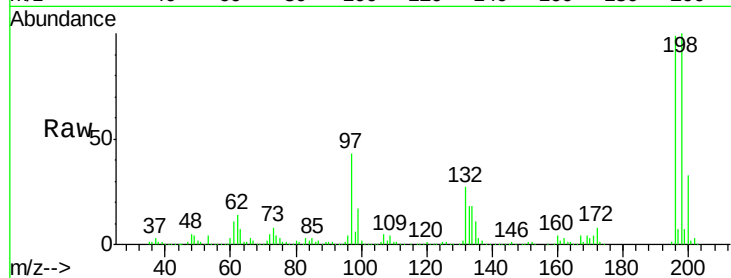




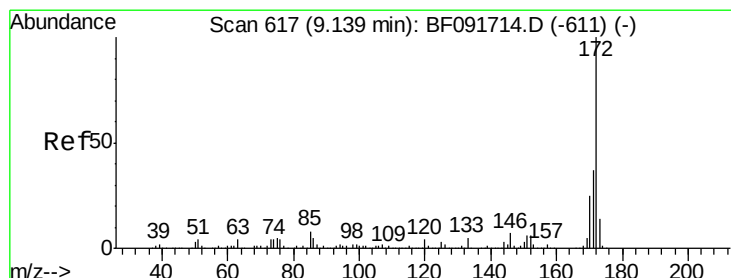
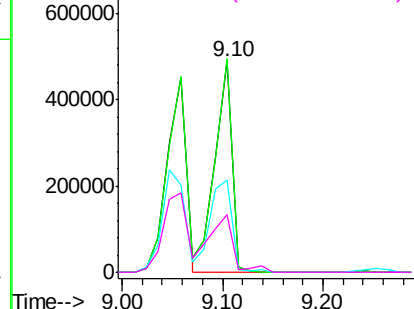
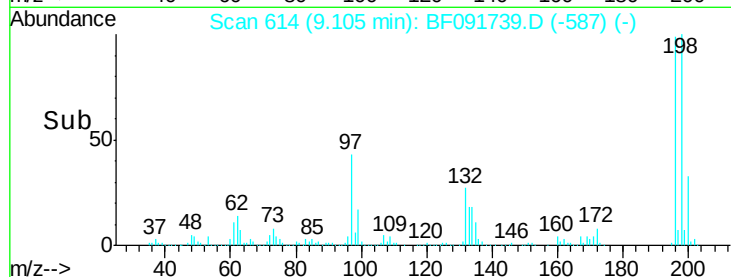
#43
 2,4,5-Trichlorophenol
 Concen: 51.54 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

Instrument :
 BNA_F
 ClientSampleId :
 TP09-2-2.5FTMSD

Tot Ion:196 Resp: 582838
 Ion Ratio Lower Upper
 196 100
 198 101.2 79.4 119.2
 97 43.8 51.5 77.3#
 132 27.4 27.4 41.2#

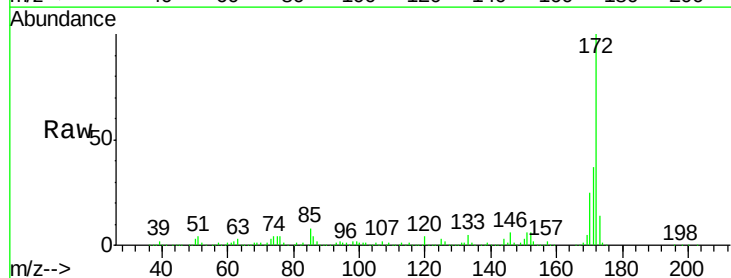


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

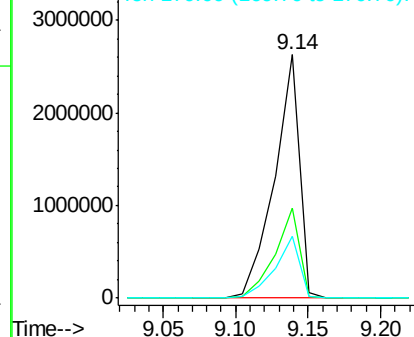
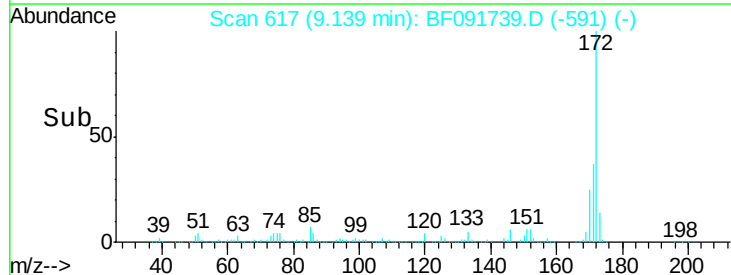


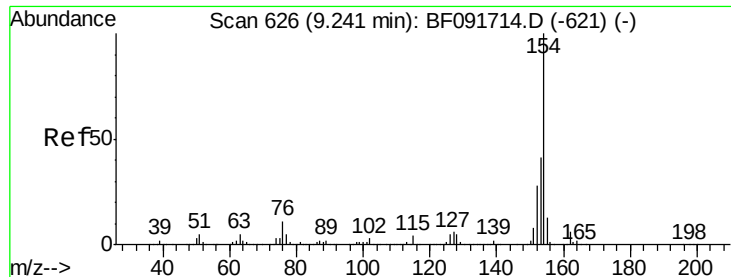
#44
 2-Fluorobiphenyl
 Concen: 97.82 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

Tgt Ion:172 Resp: 3146824
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.2 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 47.55 ng

RT: 9.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

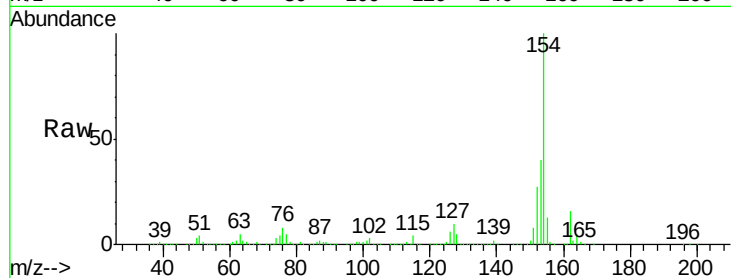
Tot Ion:154 Resp: 2202328

Ion Ratio Lower Upper

154 100

153 40.3 20.9 60.9

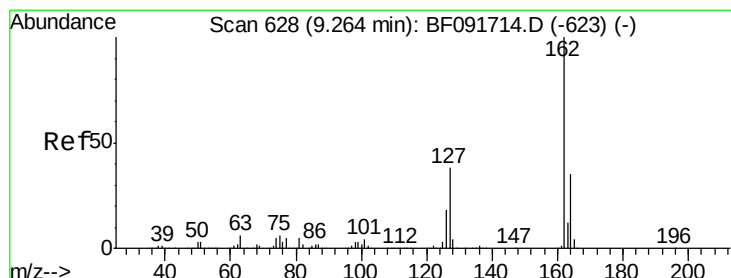
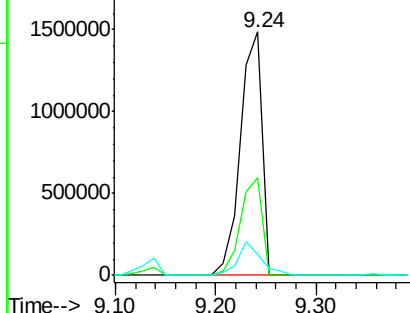
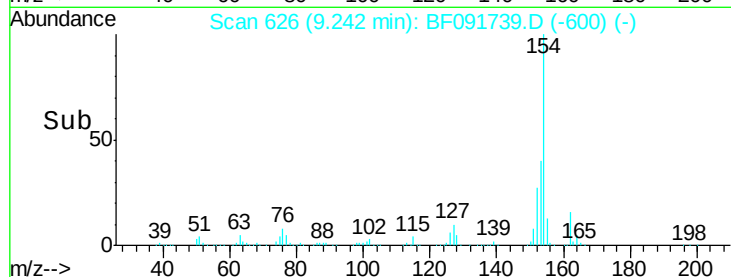
76 8.3 0.0 30.5



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: 47.72 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

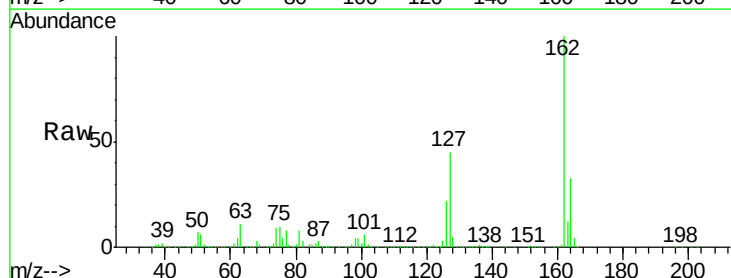
Tgt Ion:162 Resp: 1651999

Ion Ratio Lower Upper

162 100

127 44.6 30.7 46.1

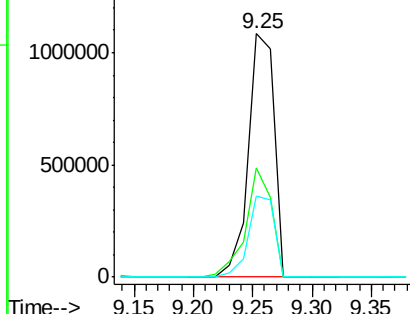
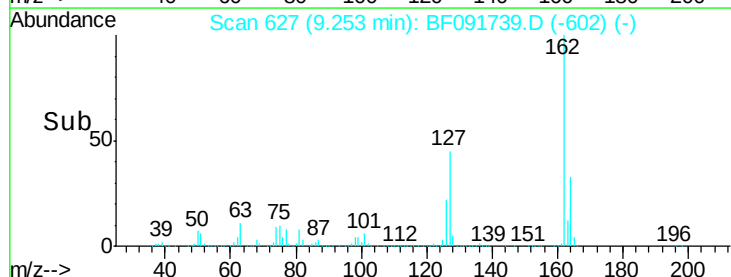
164 33.2 27.6 41.4

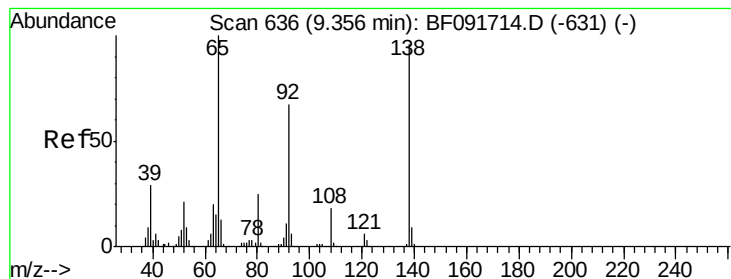


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.89 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

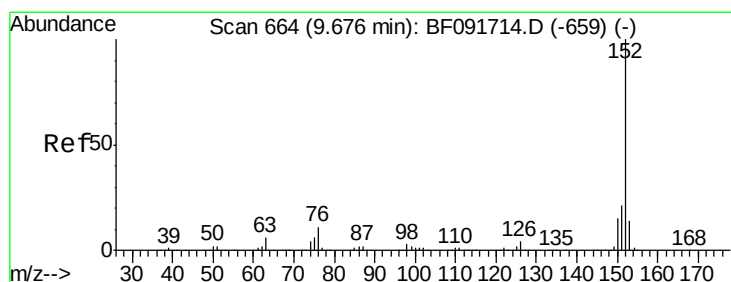
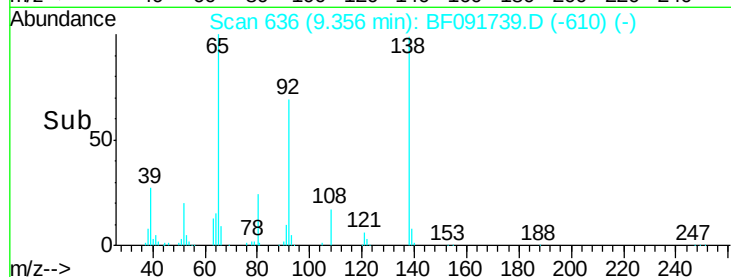
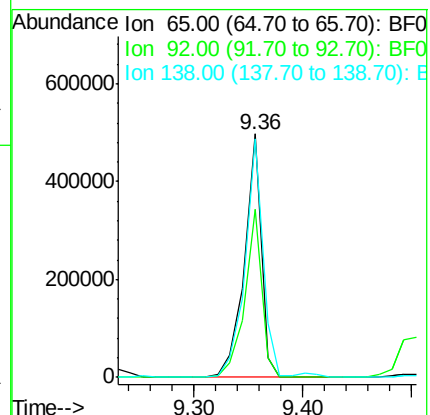
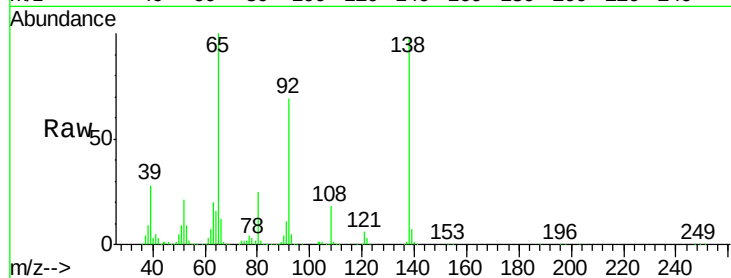
Tot Ion: 65 Resp: 530606

Ion Ratio Lower Upper

65 100

92 68.9 53.9 80.9

138 98.1 76.8 115.2



#48

Acenaphthylene

Concen: 47.88 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

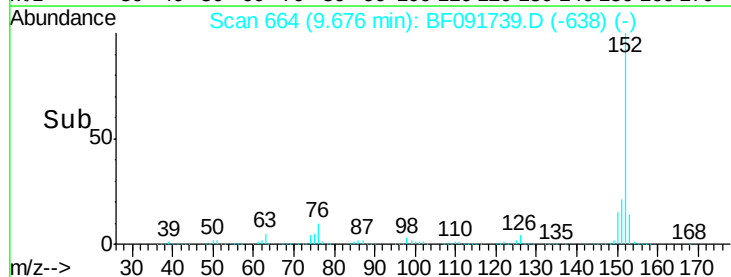
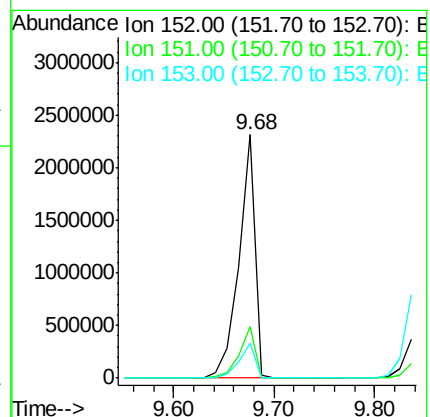
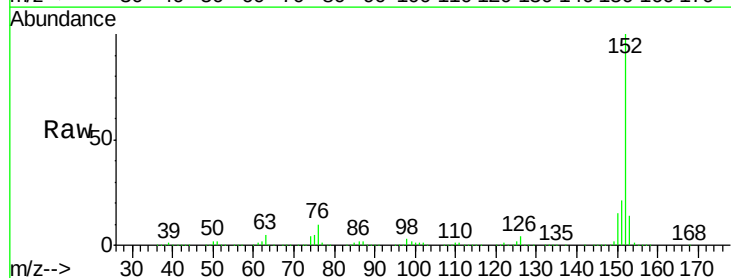
Tgt Ion: 152 Resp: 2567831

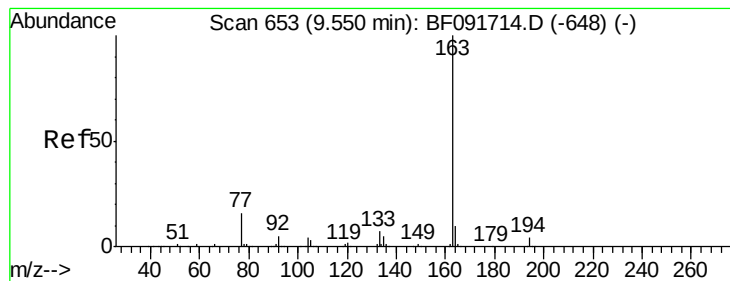
Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

153 14.3 11.4 17.2





#49

Dimethylphthalate

Concen: 57.18 ng

RT: 9.55 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

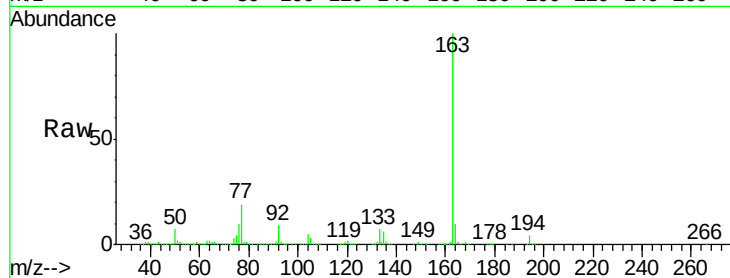
Tot Ion:163 Resp: 2413860

Ion Ratio Lower Upper

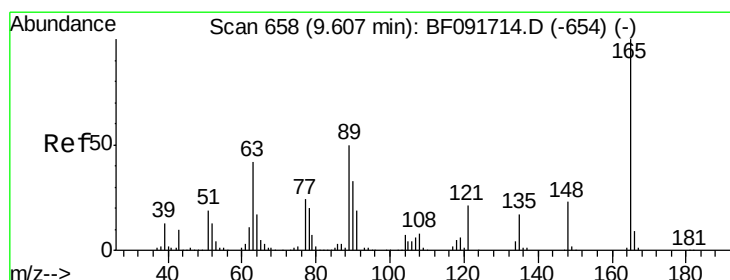
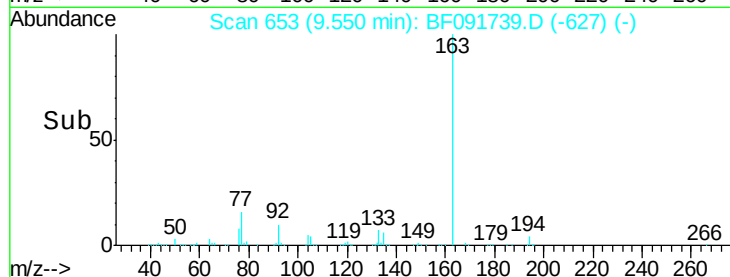
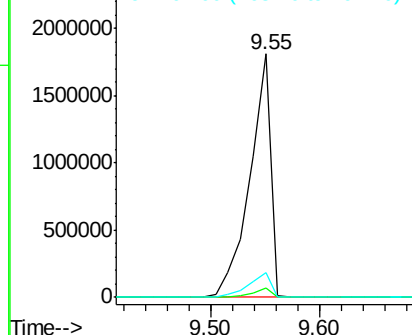
163 100

194 3.7 3.0 4.4

164 10.3 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 52.71 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

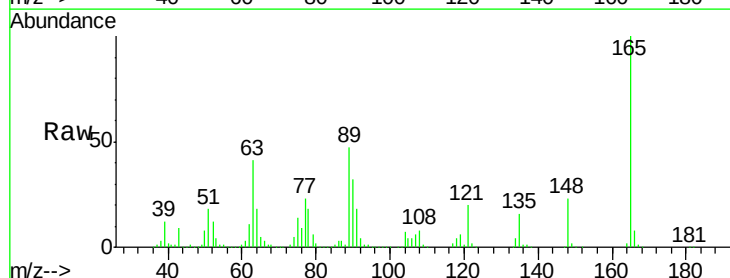
Tgt Ion:165 Resp: 487853

Ion Ratio Lower Upper

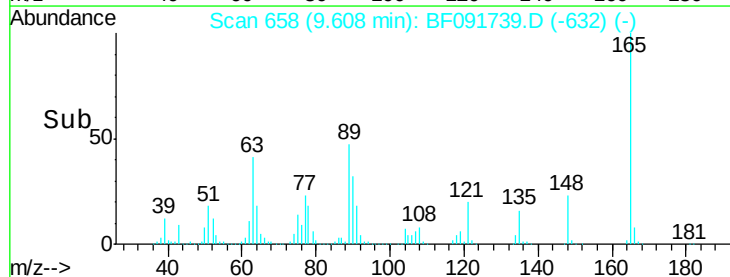
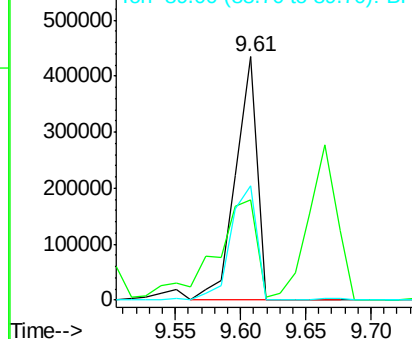
165 100

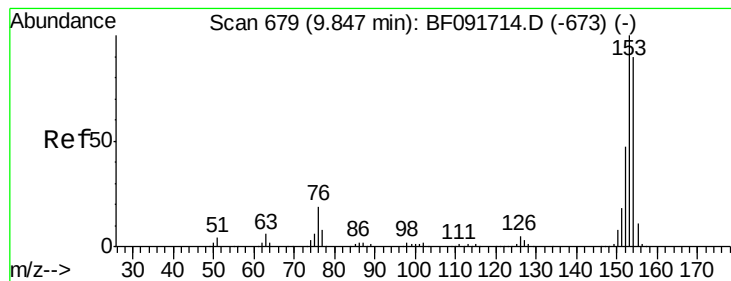
63 41.1 36.2 54.4

89 47.2 40.2 60.4



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: 48.94 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

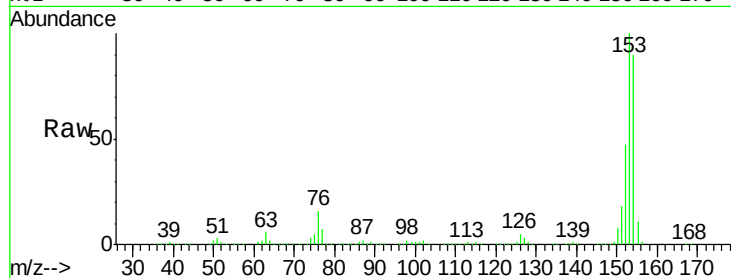
Tot Ion:154 Resp: 1801469

Ion Ratio Lower Upper

154 100

153 111.7 88.6 133.0

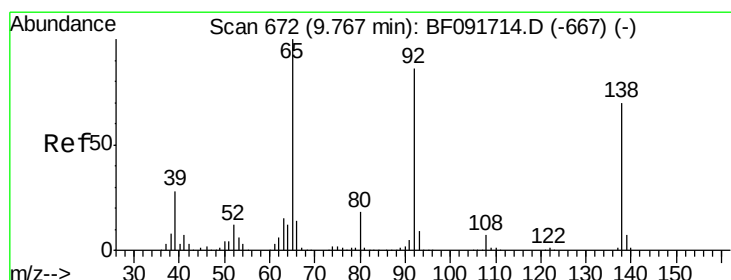
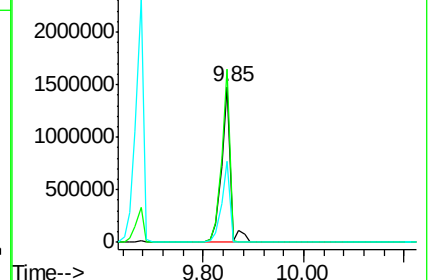
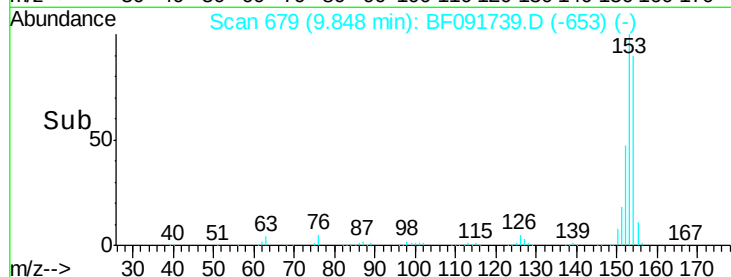
152 52.2 41.6 62.4



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: 19.10 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

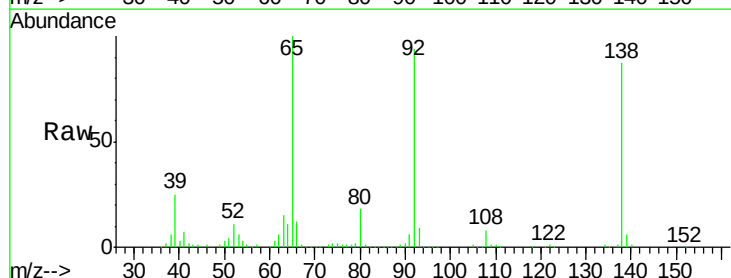
Tgt Ion:138 Resp: 220121

Ion Ratio Lower Upper

138 100

108 9.3 8.5 12.7

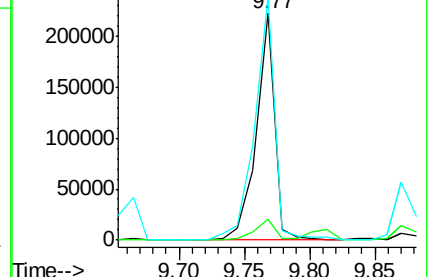
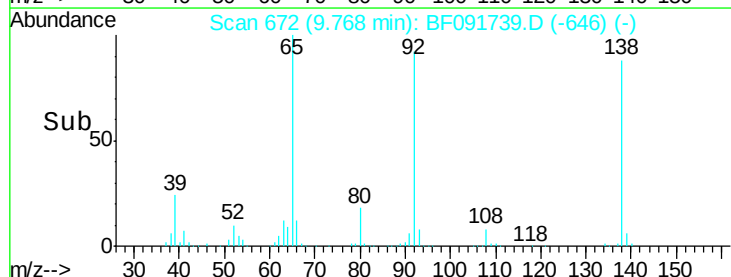
92 107.5 97.8 146.8

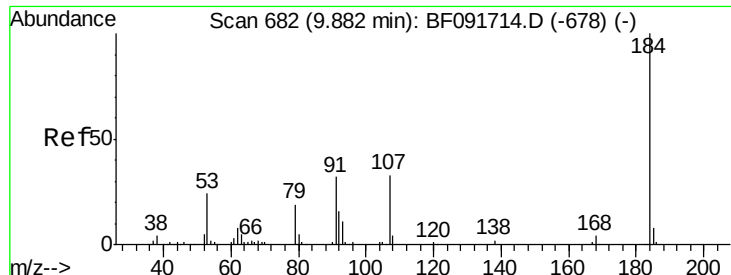


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

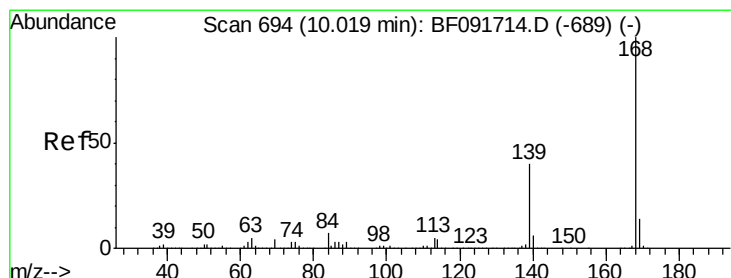
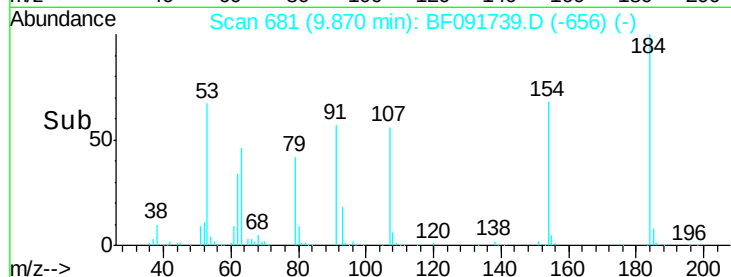
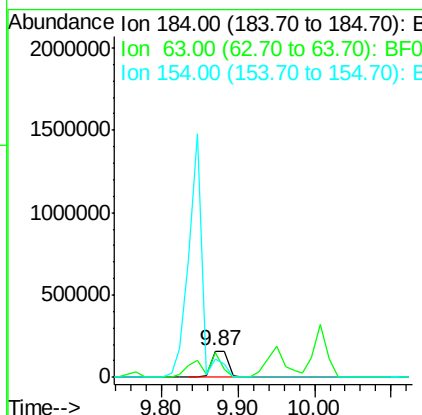
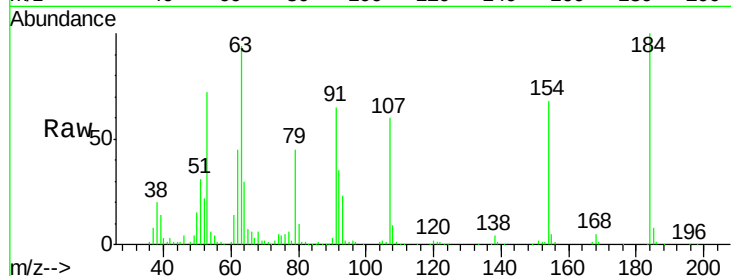




#53
2,4-Dinitrophenol
Concen: 49.15 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

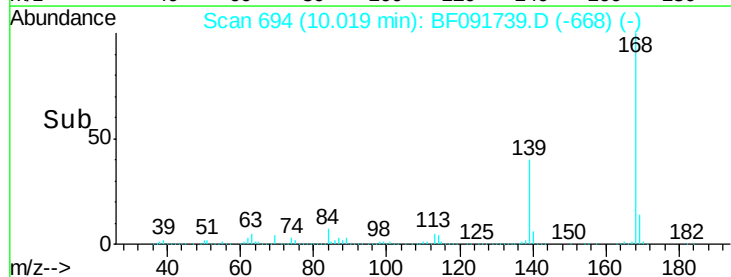
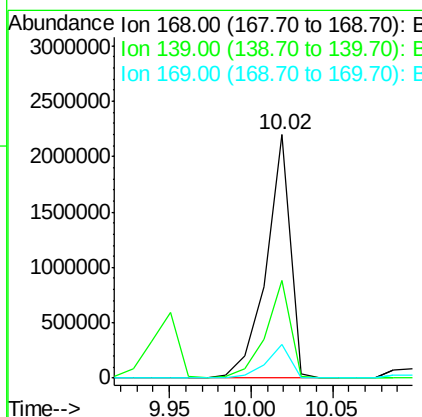
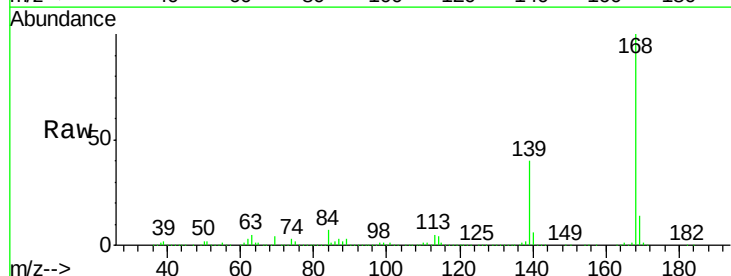
Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FTMSD

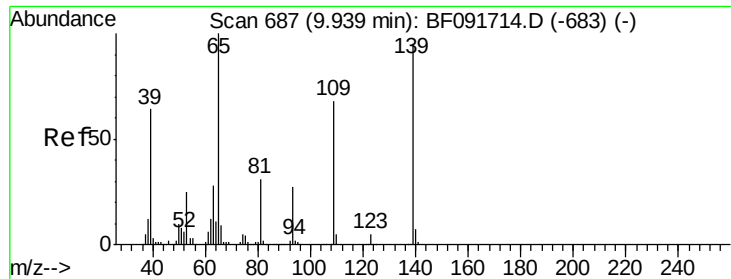
Tot Ion:184 Resp: 245781
Ion Ratio Lower Upper
184 100
63 94.1 28.4 42.6#
154 68.1 44.3 66.5#



#54
Dibenzofuran
Concen: 51.53 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Tgt Ion:168 Resp: 2255869
Ion Ratio Lower Upper
168 100
139 40.2 32.6 49.0
169 14.1 11.3 16.9

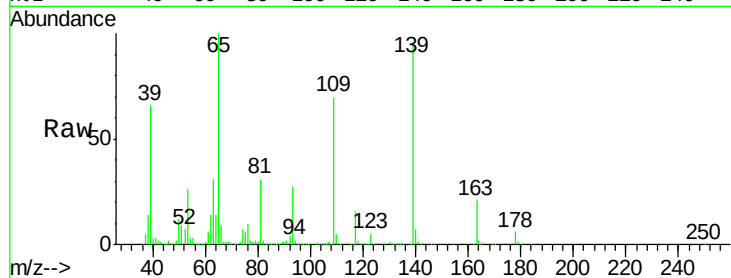




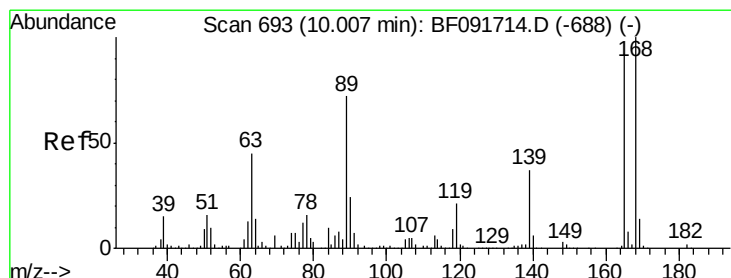
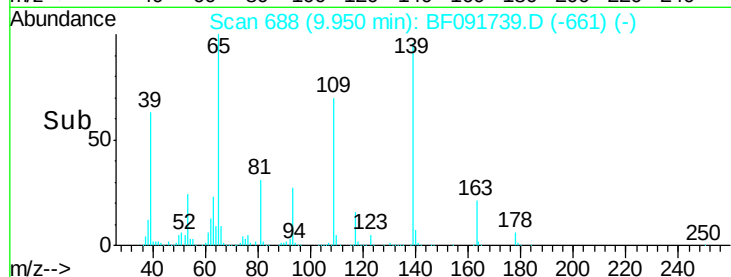
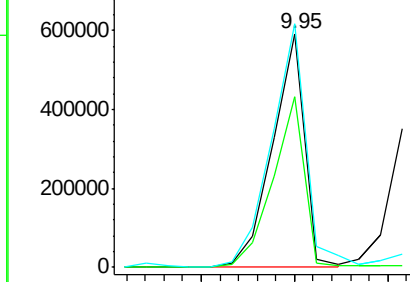
#55
4-Nitrophenol
Concen: 88.86 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FTMSD

Tot Ion:139 Resp: 711149
Ion Ratio Lower Upper
139 100
109 73.0 52.2 92.2
65 104.2 85.8 125.8

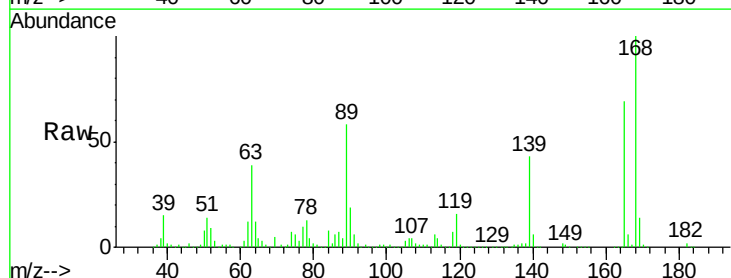


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

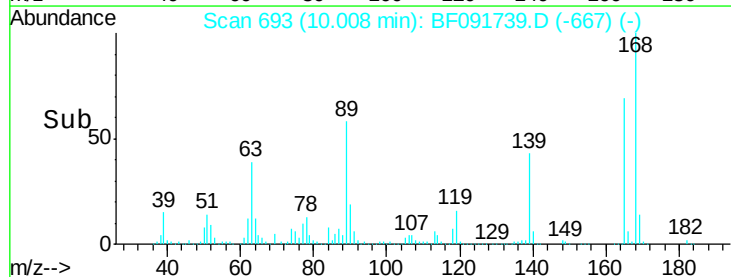
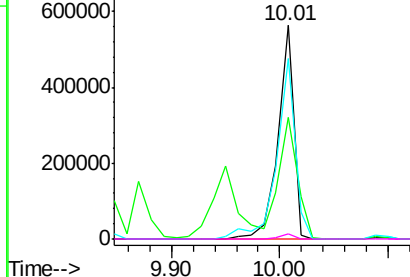


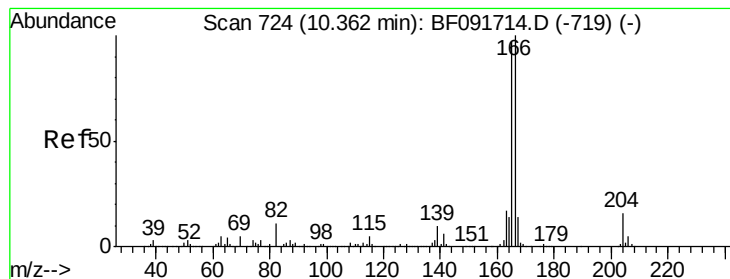
#56
2,4-Dinitrotoluene
Concen: 48.88 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Tgt Ion:165 Resp: 565156
Ion Ratio Lower Upper
165 100
63 56.9 40.2 60.4
89 84.5 62.5 93.7
182 2.2 1.8 2.8



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: 50.72 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

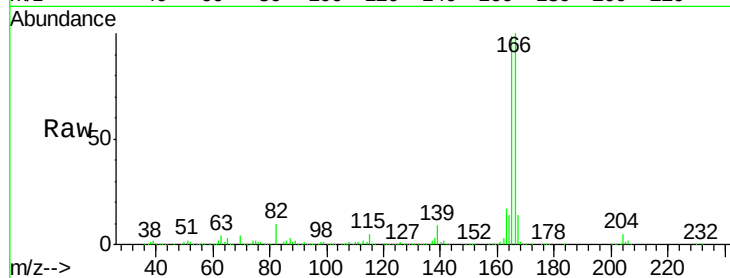
Tot Ion:166 Resp: 1724387

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

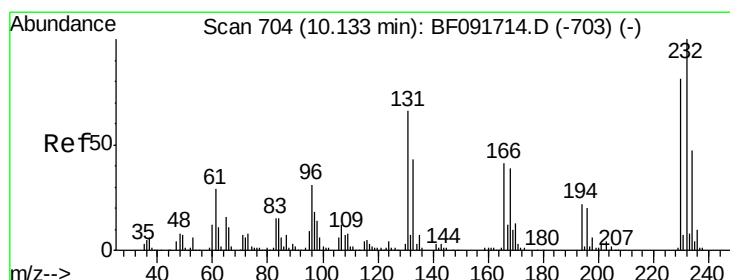
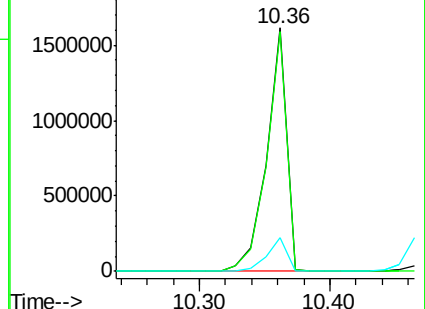
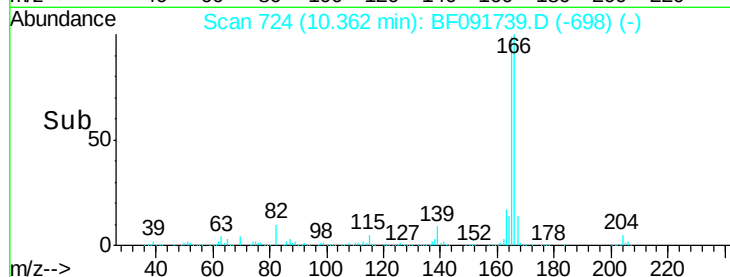
167 13.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.49 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Tgt Ion:232 Resp: 462631

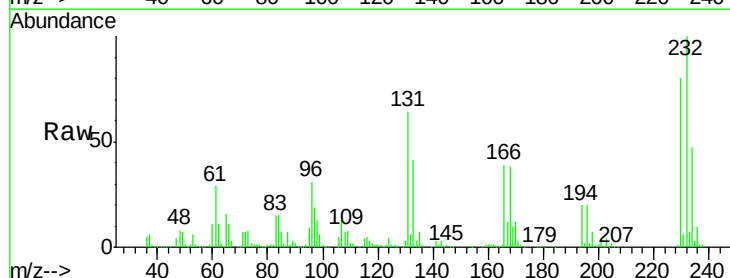
Ion Ratio Lower Upper

232 100

131 47.5 40.1 60.1

130 2.3 1.8 2.8

166 30.9 26.6 39.8

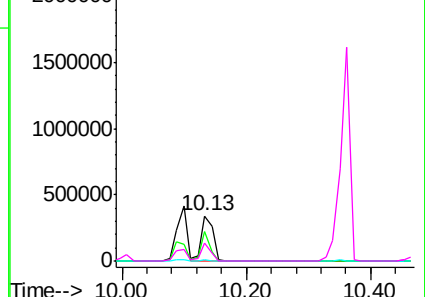
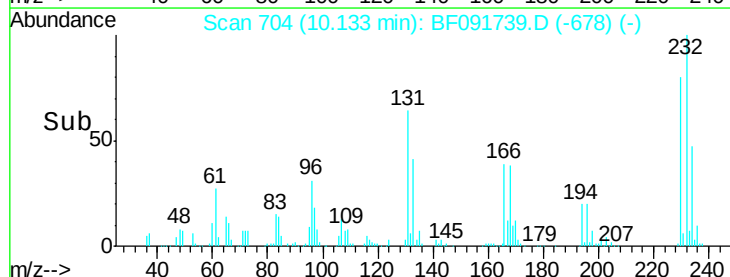


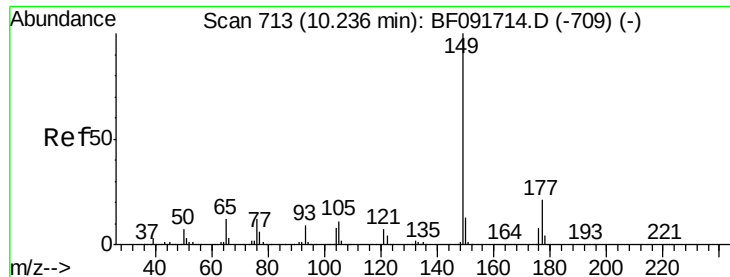
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.52 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

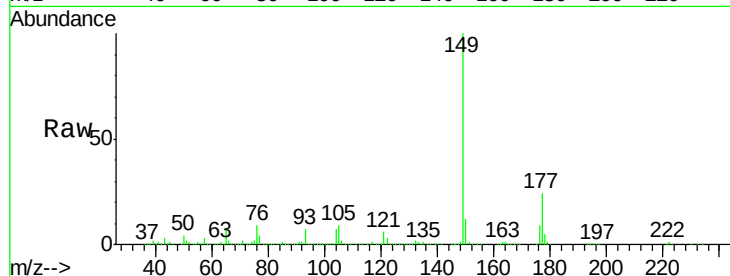
Tot Ion:149 Resp: 2013320

Ion Ratio Lower Upper

149 100

177 23.8 16.6 25.0

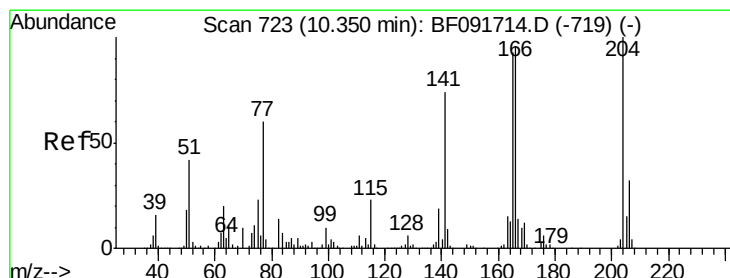
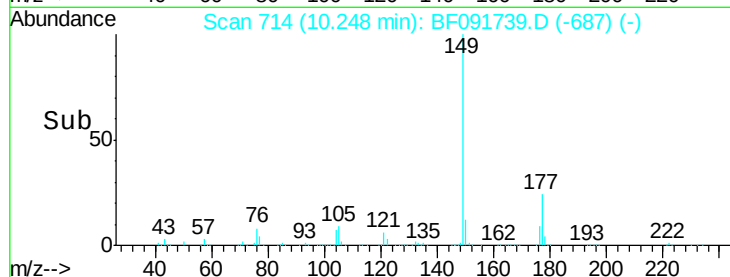
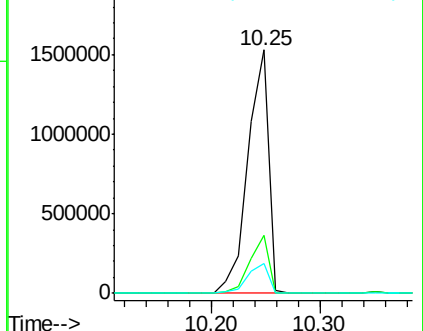
150 12.4 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.85 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

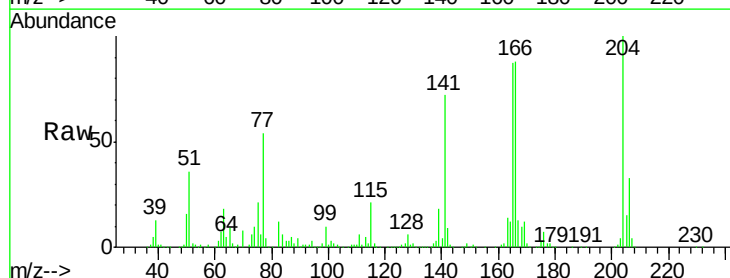
Tgt Ion:204 Resp: 694619

Ion Ratio Lower Upper

204 100

206 32.6 25.8 38.6

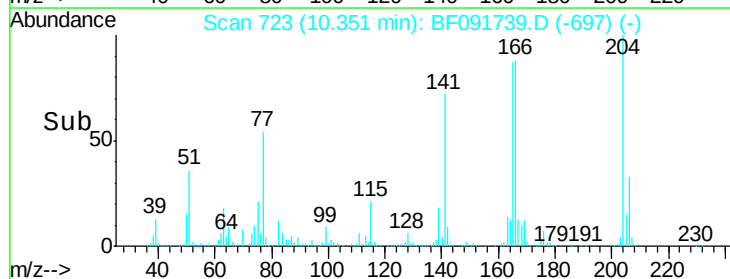
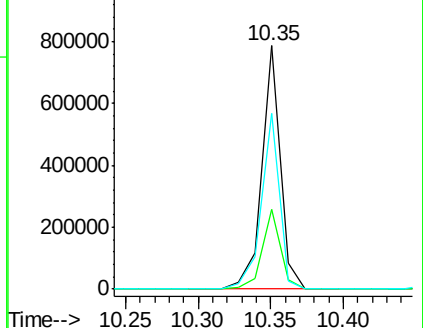
141 72.4 59.4 89.0

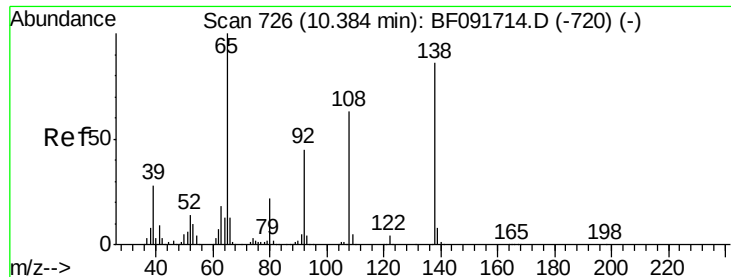


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.84 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

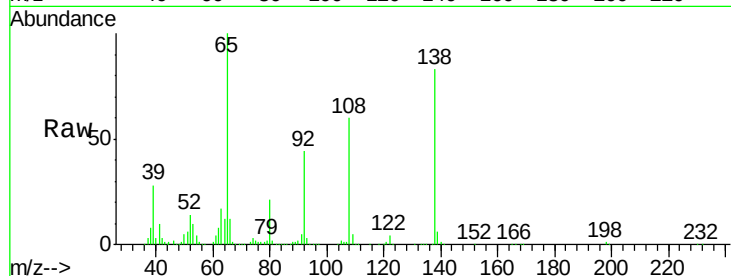
Tot Ion:138 Resp: 435036

Ion Ratio Lower Upper

138 100

92 53.1 31.7 71.7

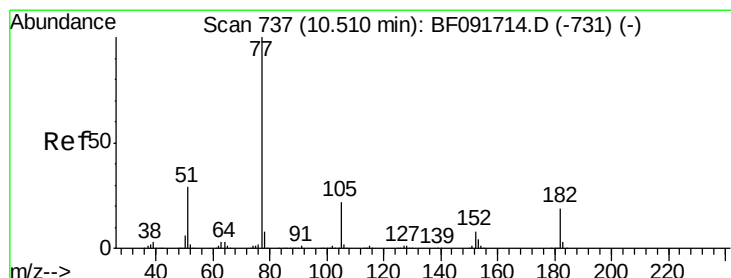
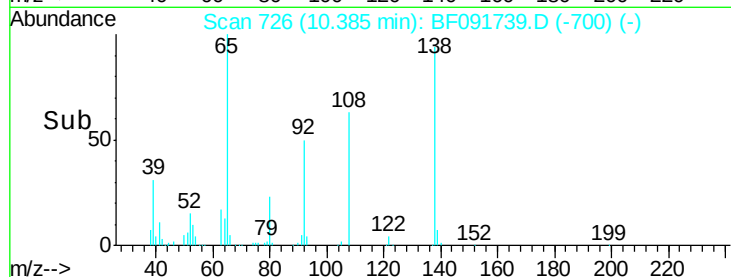
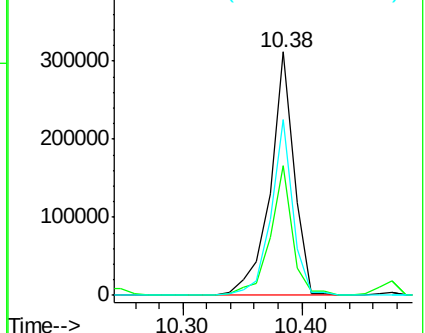
108 72.0 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.74 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Tgt Ion: 77 Resp: 2107711

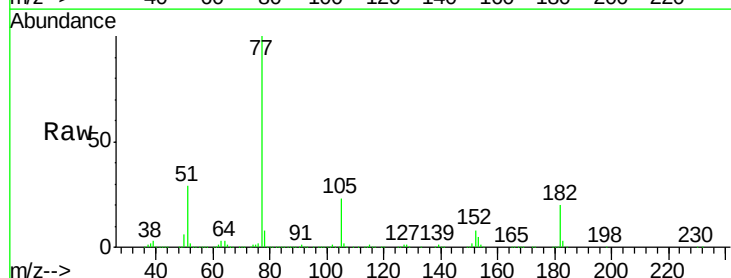
Ion Ratio Lower Upper

77 100

182 20.3 0.0 39.3

105 23.0 2.3 42.3

51 29.1 8.9 48.9

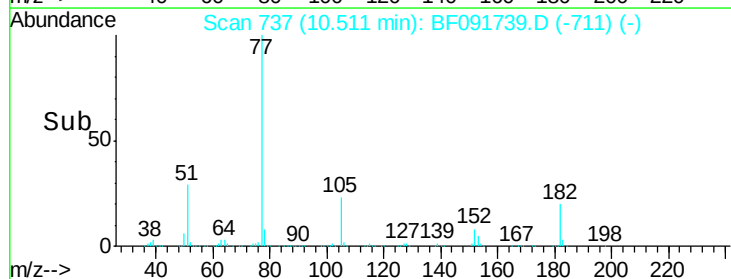
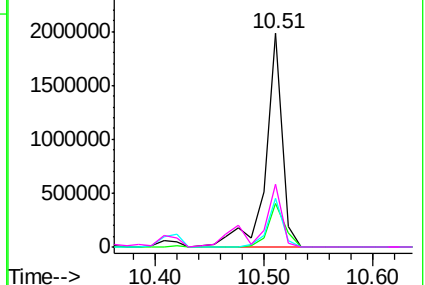


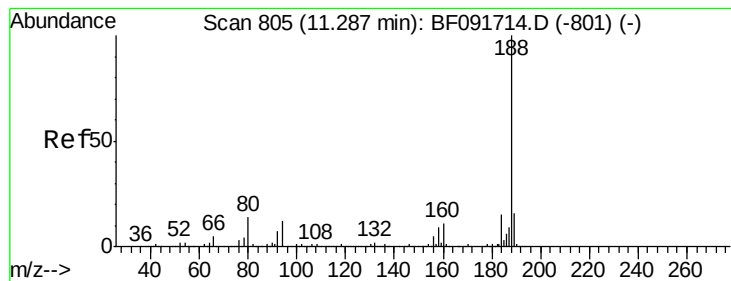
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

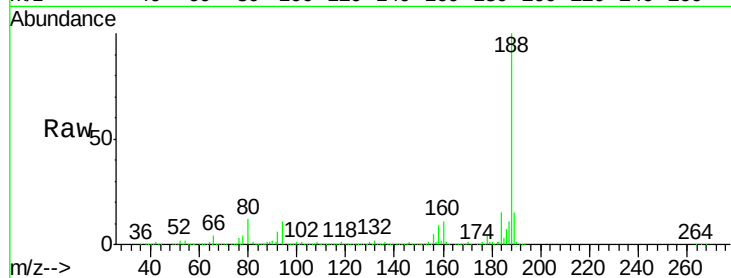
Tot Ion:188 Resp: 990003

Ion Ratio Lower Upper

188 100

94 10.9 10.0 15.0

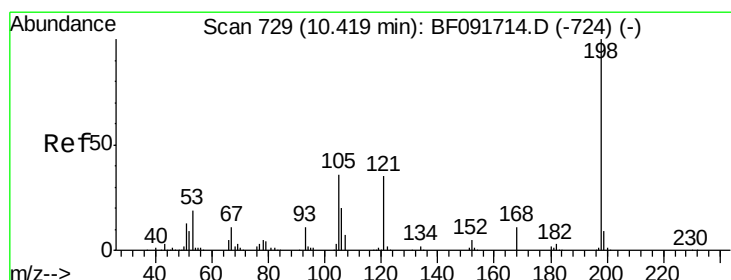
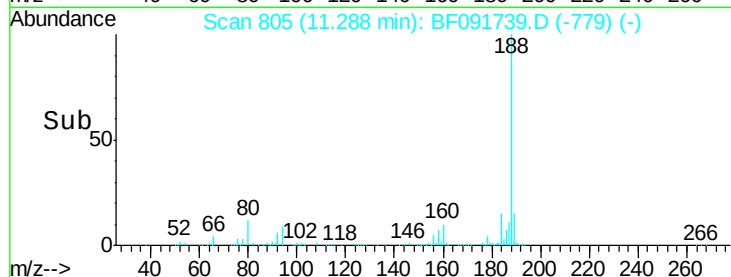
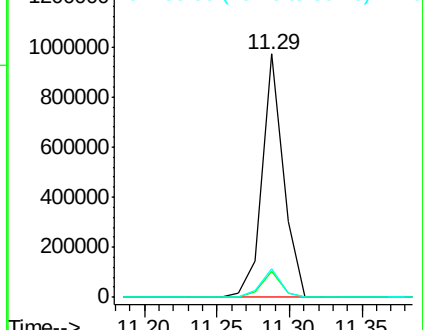
80 11.7 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 51.60 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

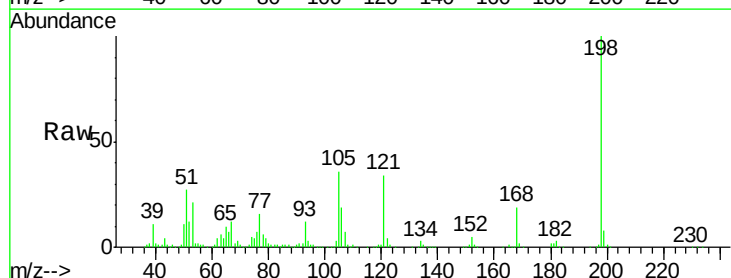
Tgt Ion:198 Resp: 336930

Ion Ratio Lower Upper

198 100

51 26.8 6.7 46.7

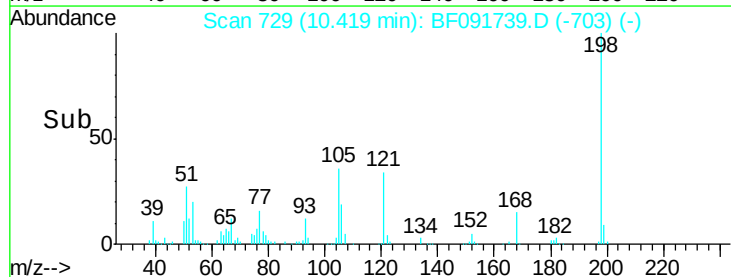
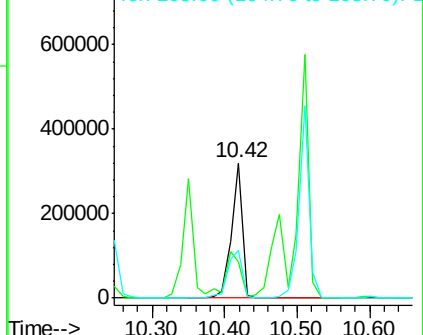
105 35.6 16.6 56.6

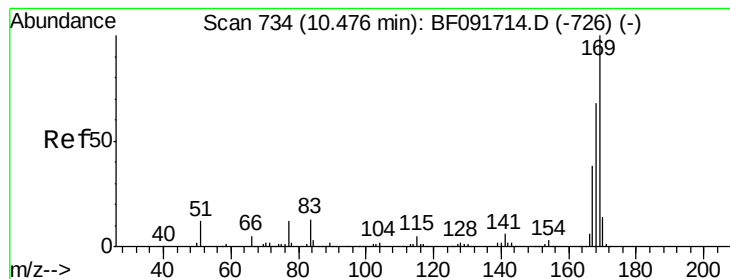


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.40 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

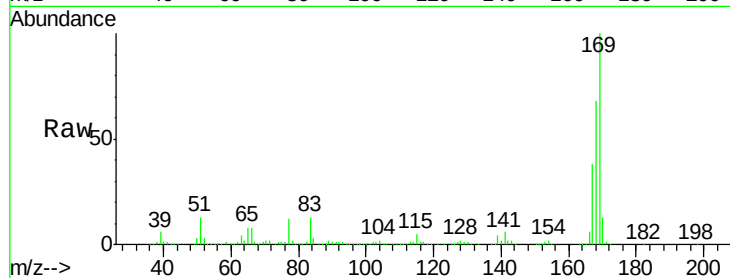
Tot Ion:169 Resp: 1580128

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

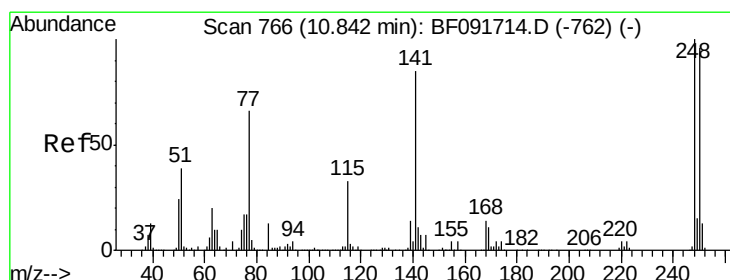
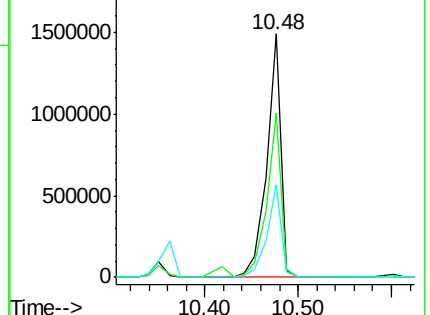
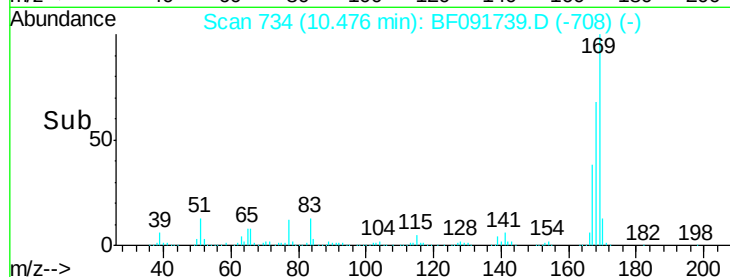
167 38.1 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.95 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

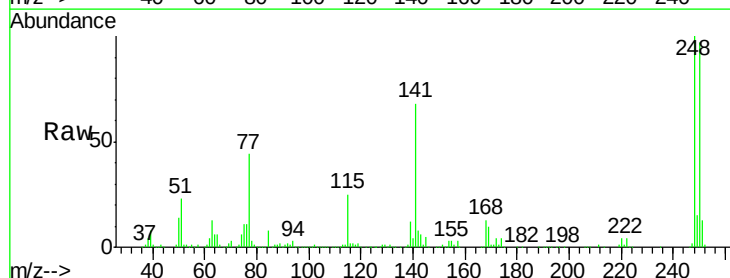
Tgt Ion:248 Resp: 528894

Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

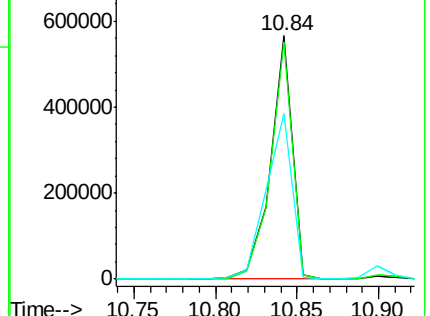
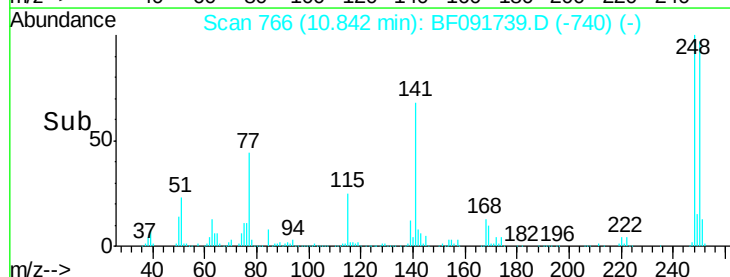
141 68.0 68.2 102.4#

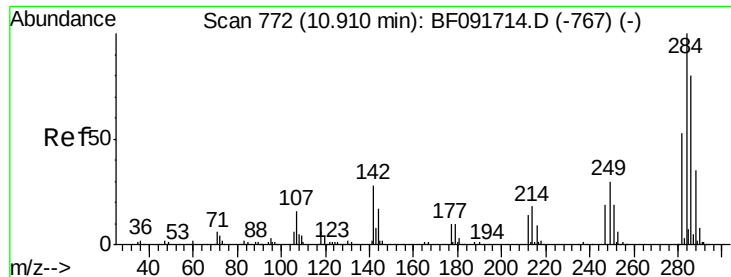


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

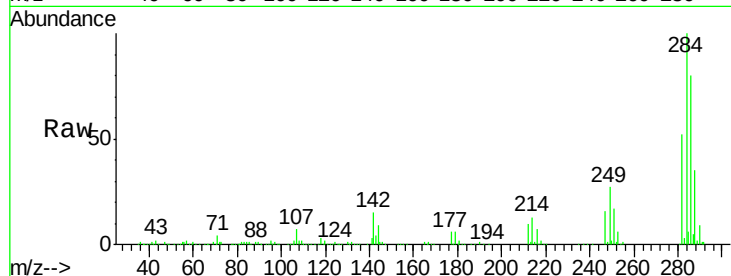




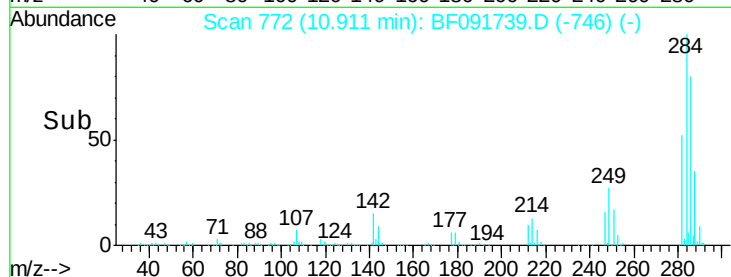
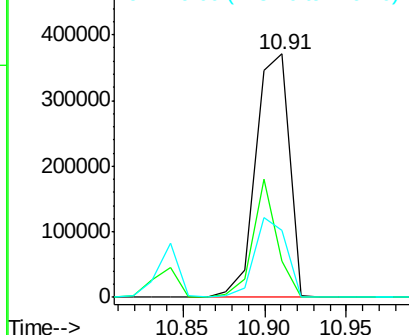
#67
Hexachlorobenzene
Concen: 48.34 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FTMSD

Tot Ion:284 Resp: 525849
Ion Ratio Lower Upper
284 100
142 14.8 22.6 33.8#
249 27.5 25.4 38.0

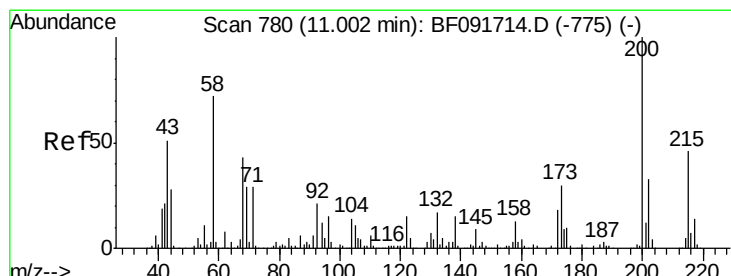


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

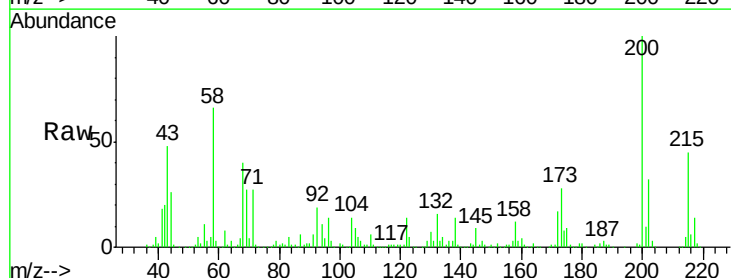
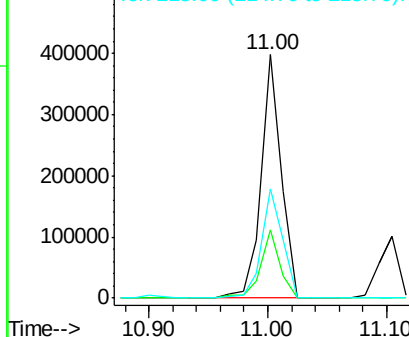


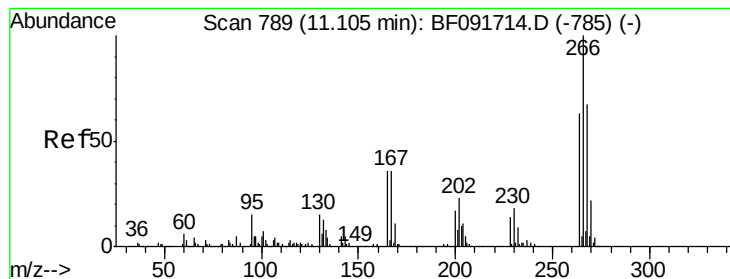
#68
Atrazine
Concen: 50.71 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Tgt Ion:200 Resp: 471123
Ion Ratio Lower Upper
200 100
173 28.2 9.6 49.6
215 44.8 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 100.28 ng

RT: 11.10 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

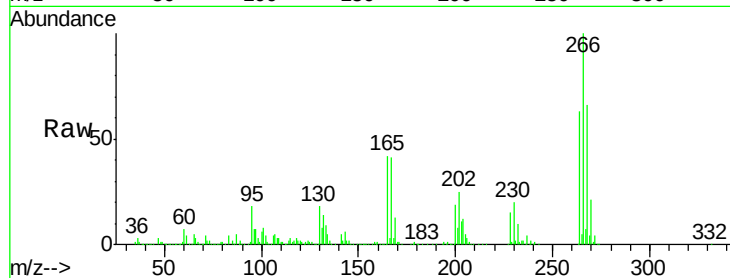
Tot Ion:266 Resp: 588673

Ion Ratio Lower Upper

266 100

268 66.4 53.3 79.9

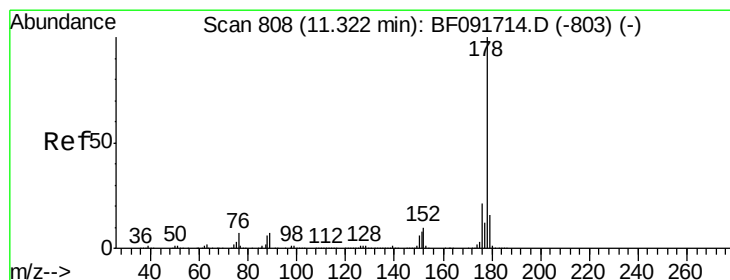
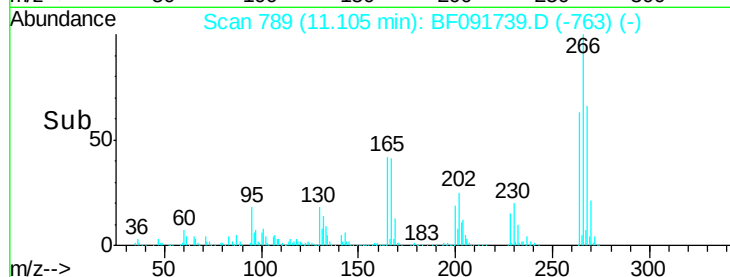
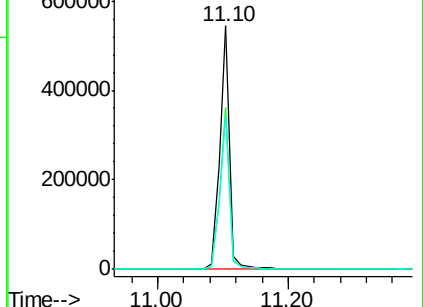
264 63.2 50.3 75.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 49.32 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

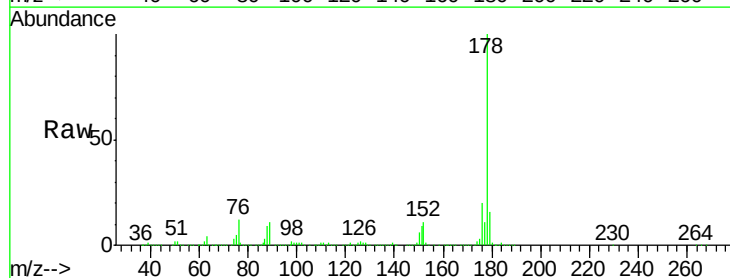
Tgt Ion:178 Resp: 2439899

Ion Ratio Lower Upper

178 100

176 20.1 16.6 25.0

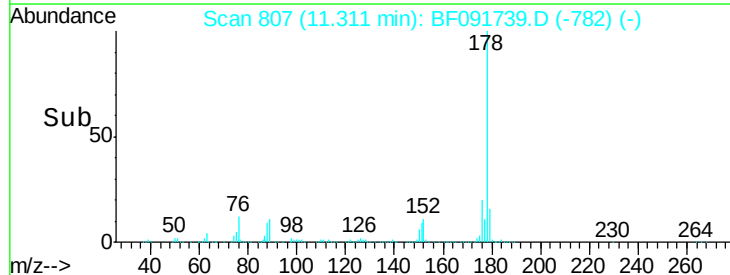
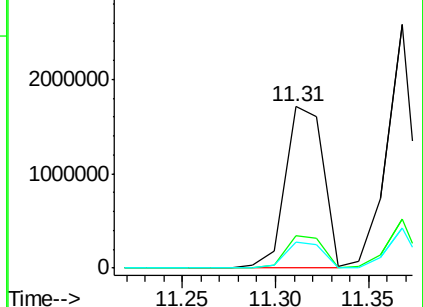
179 16.4 12.8 19.2

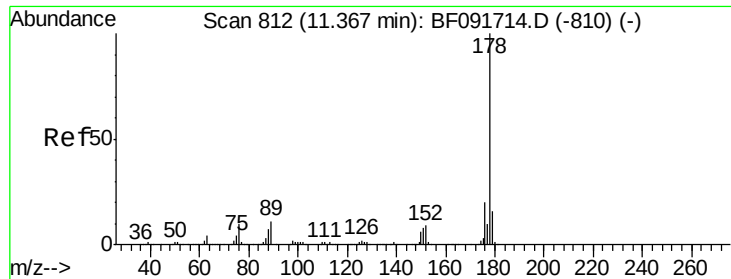


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

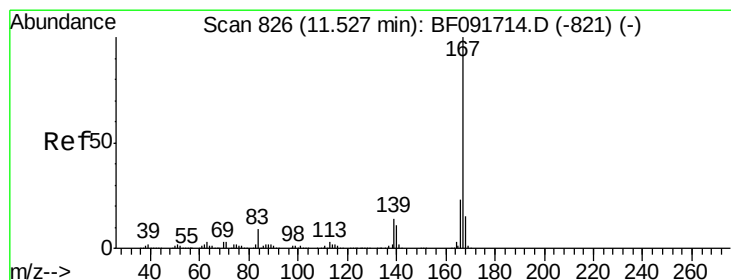
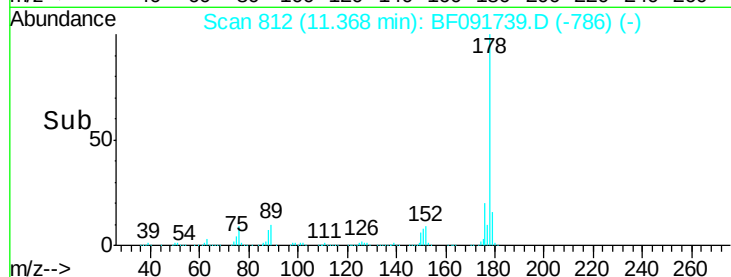
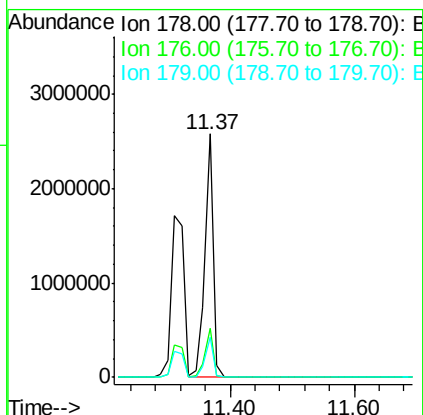
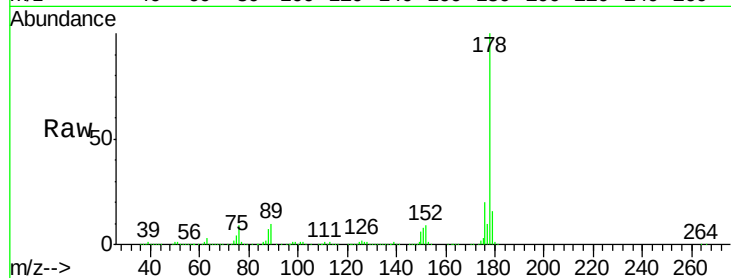




#71
 Anthracene
 Concen: 46.26 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

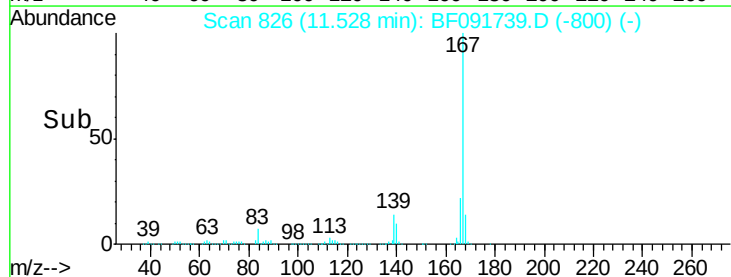
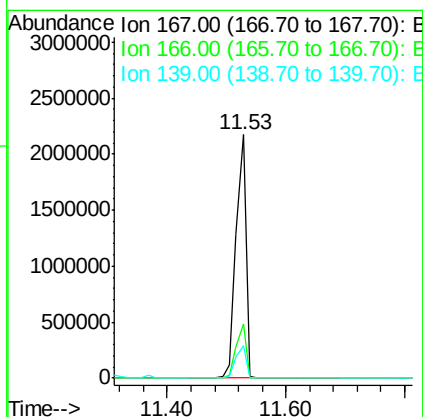
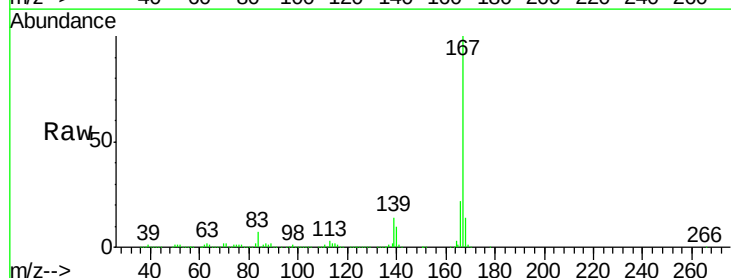
Instrument :
 BNA_F
 ClientSampleId :
 TP09-2-2.5FTMSD

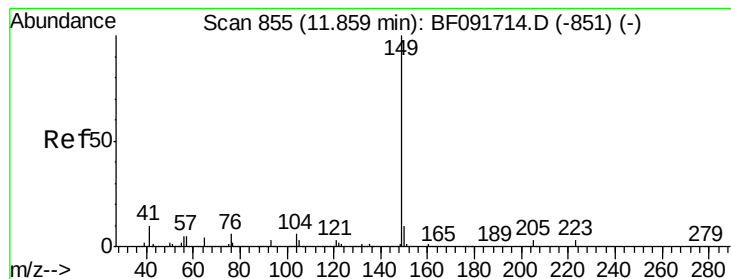
Tot Ion:178 Resp: 2424052
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 16.5 13.2 19.8



#72
 Carbazole
 Concen: 54.55 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

Tgt Ion:167 Resp: 2499421
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 44.40 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

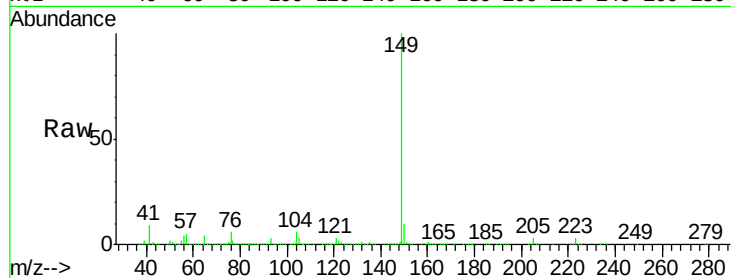
Tot Ion:149 Resp: 2608324

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

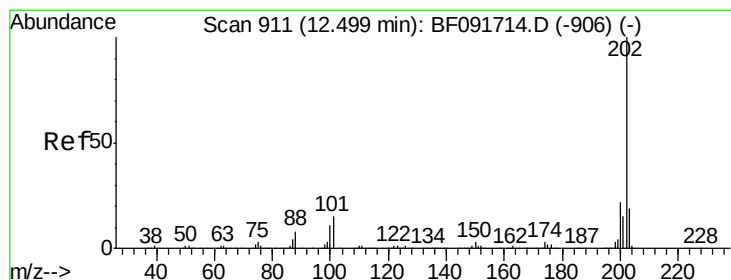
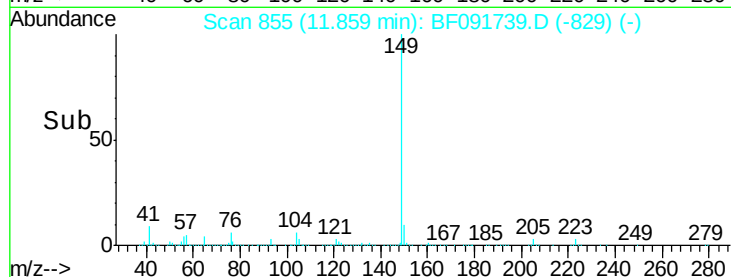
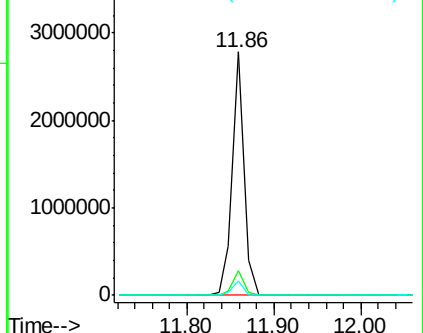
104 5.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.11 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

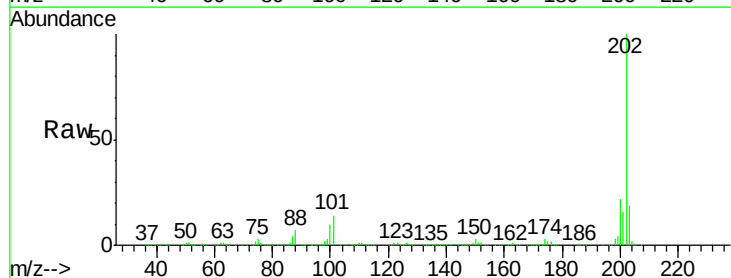
Tgt Ion:202 Resp: 2278805

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.6

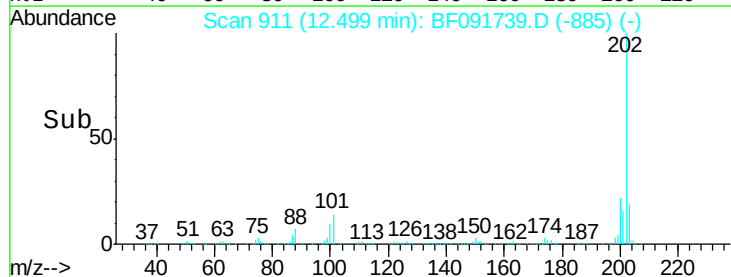
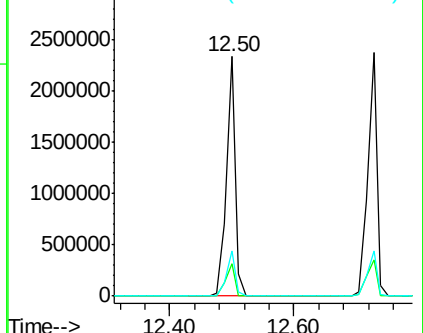
203 18.9 0.0 38.7

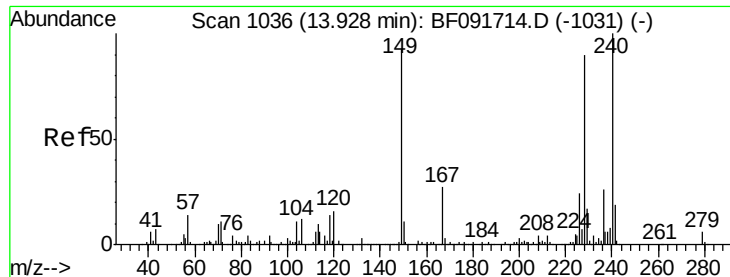


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

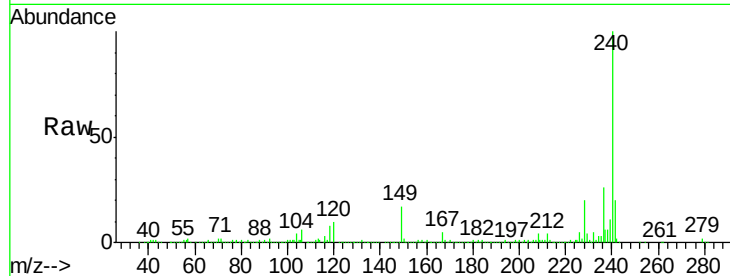
Tot Ion:240 Resp: 734261

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

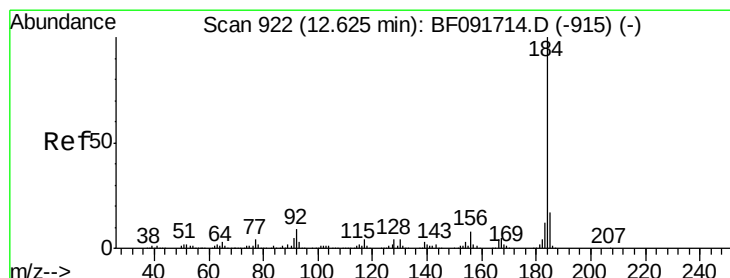
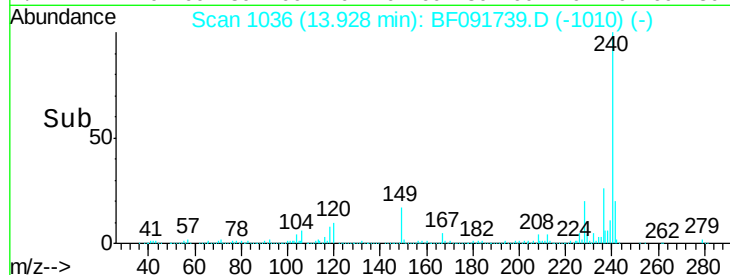
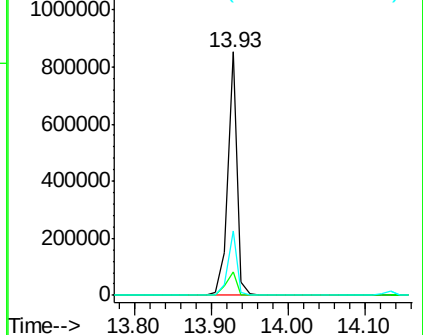
236 26.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.80 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

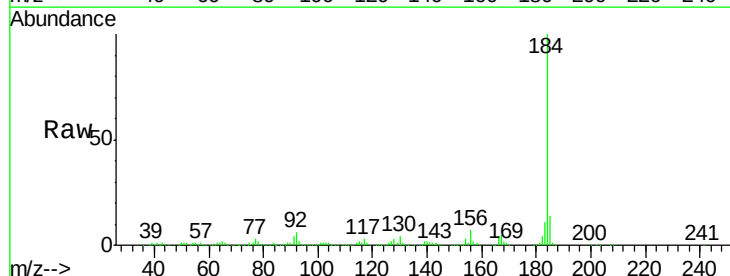
Tgt Ion:184 Resp: 587569

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

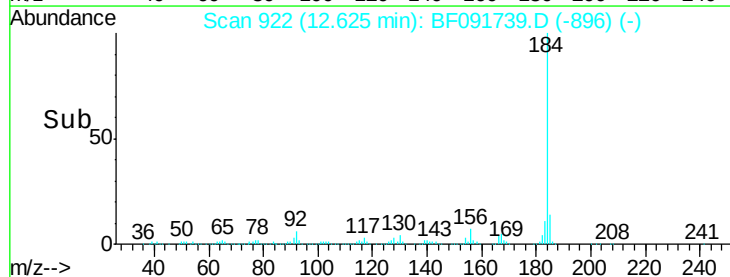
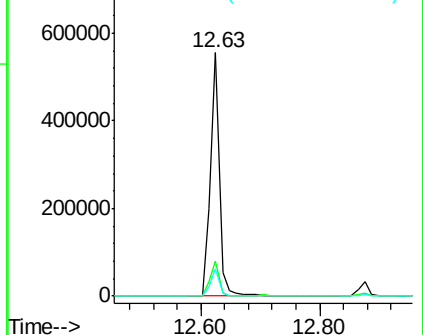
183 11.2 9.2 13.8

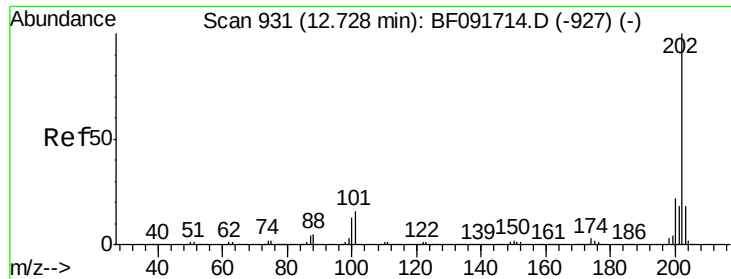


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

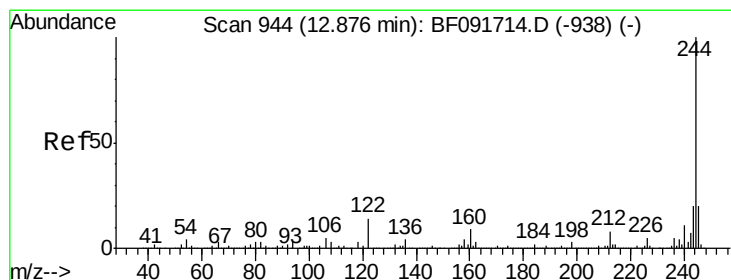
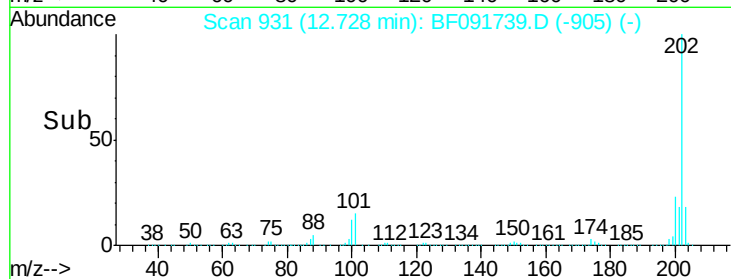
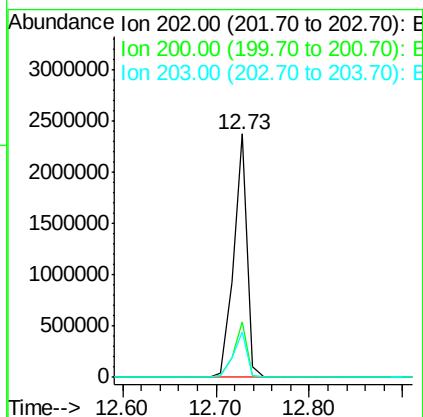
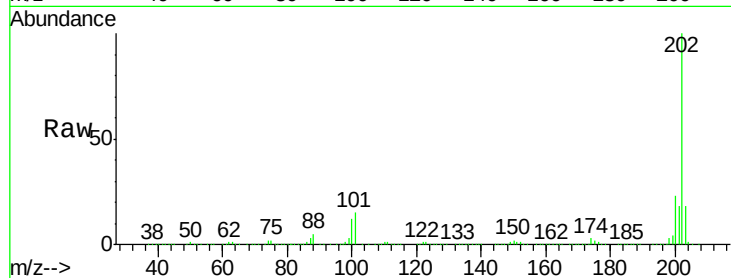




#77
Pvrene
Concen: 44.88 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

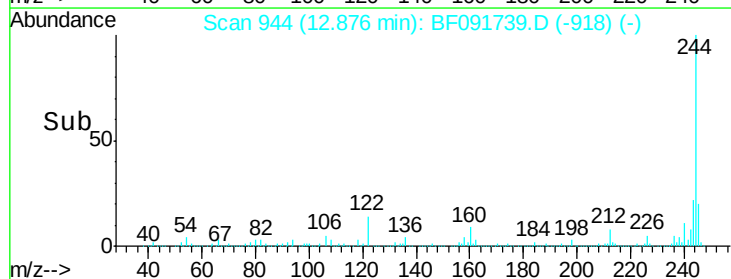
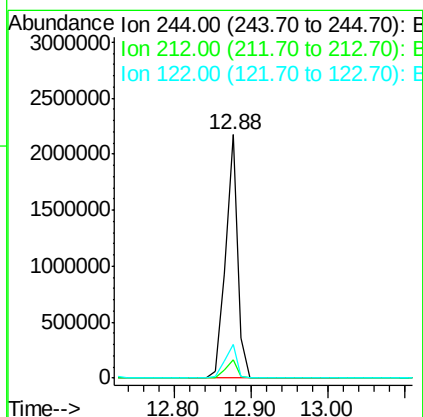
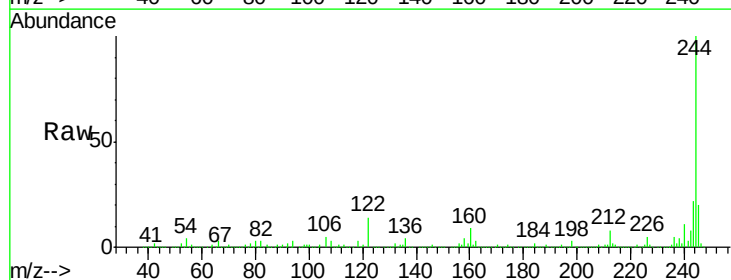
Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FTMSD

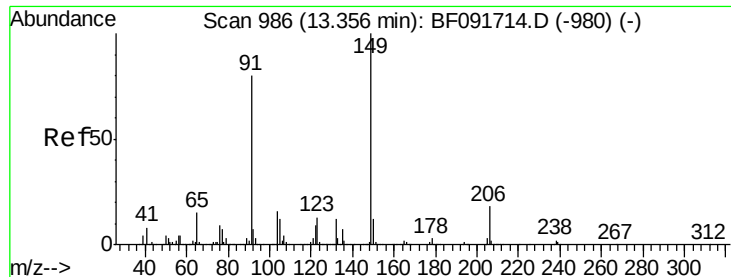
Tot Ion:202 Resp: 2380073
Ion Ratio Lower Upper
202 100
200 22.6 17.7 26.5
203 18.4 14.7 22.1



#78
Terphenyl-d14
Concen: 83.59 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Tgt Ion:244 Resp: 2430880
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 14.0 11.4 17.2

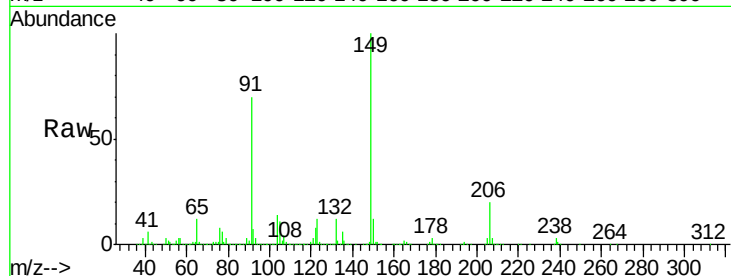




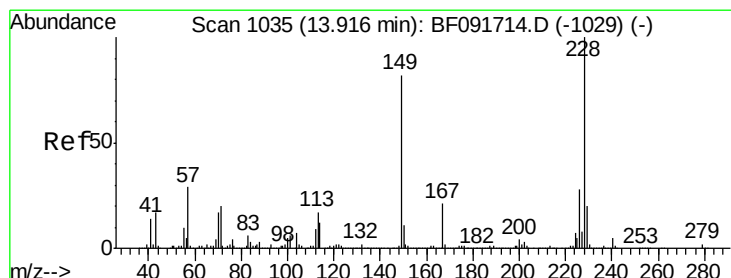
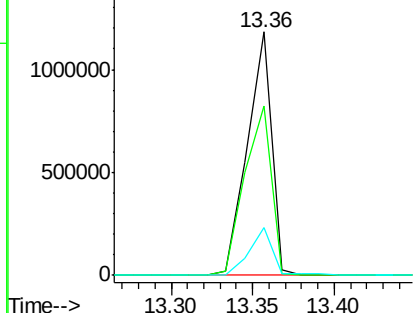
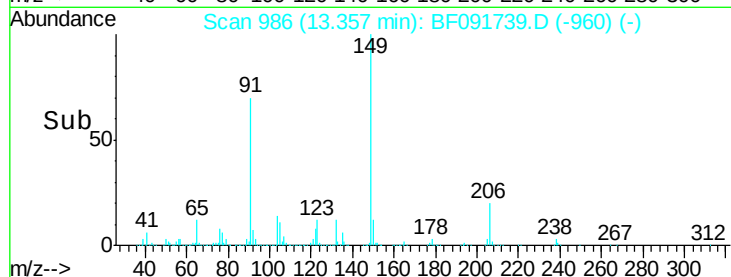
#79
Butylbenzylphthalate
Concen: 49.25 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FTMSD

Tot Ion:149 Resp: 1222393
Ion Ratio Lower Upper
149 100
91 69.8 63.9 95.9
206 19.9 14.6 21.8

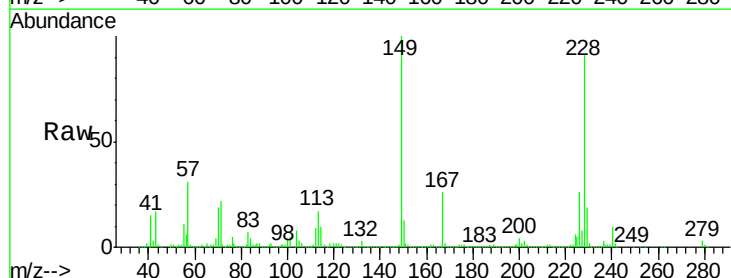


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

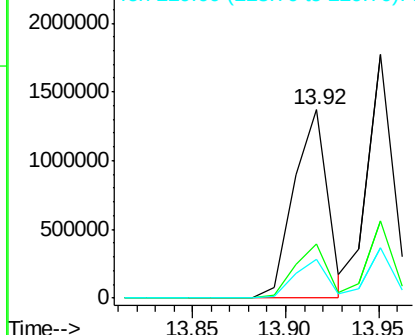
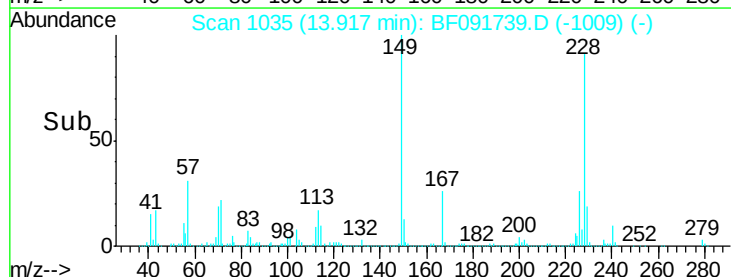


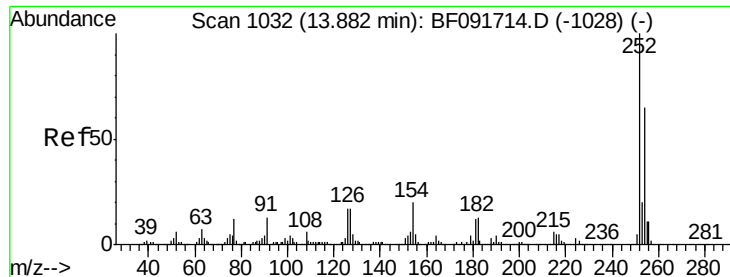
#80
Benzo(a)anthracene
Concen: 41.13 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Tgt Ion:228 Resp: 1727523
Ion Ratio Lower Upper
228 100
226 28.6 22.4 33.6
229 20.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

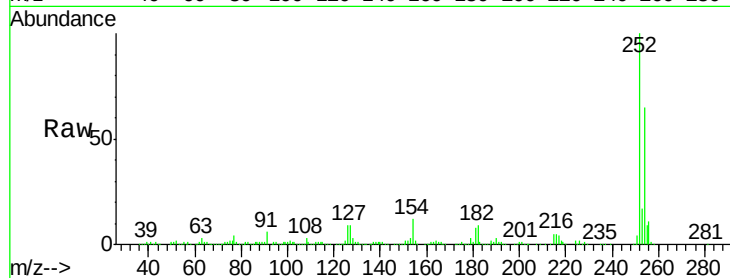




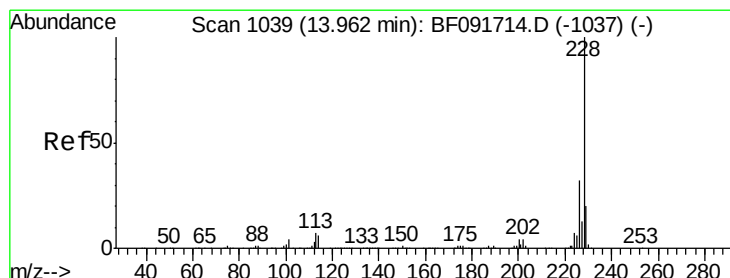
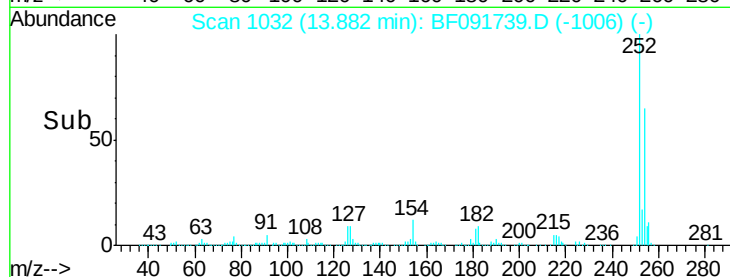
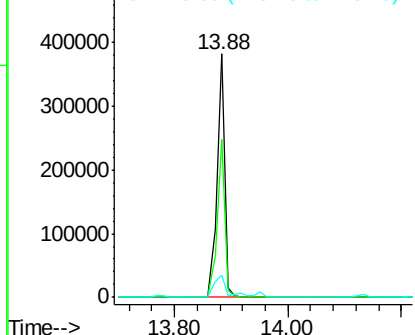
#81
 3,3'-Dichlorobenzidine
 Concen: 21.05 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

Instrument :
 BNA_F
 ClientSampleId :
 TP09-2-2.5FTMSD

Tot Ion:252 Resp: 353774
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.3 78.5
 126 9.1 13.6 20.4#

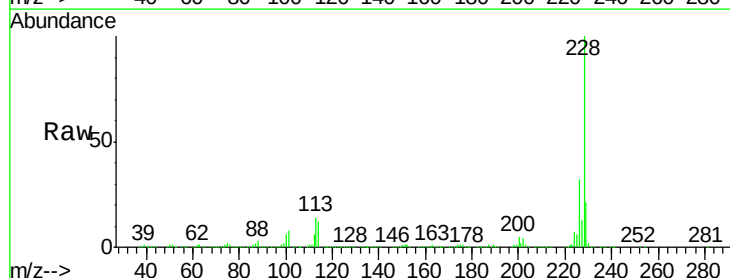


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

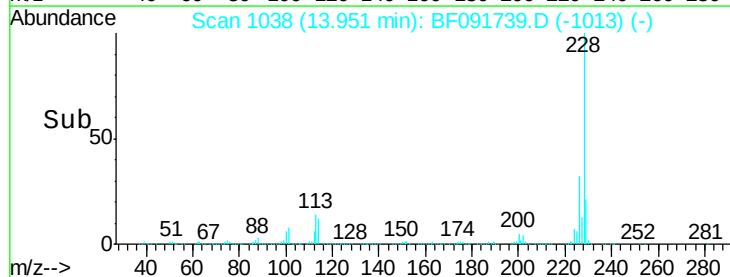
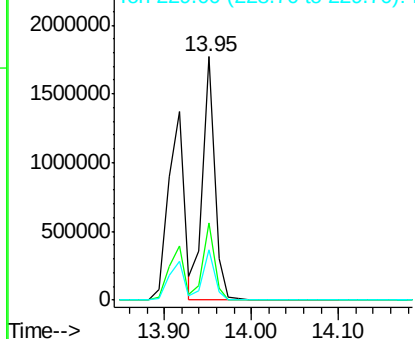


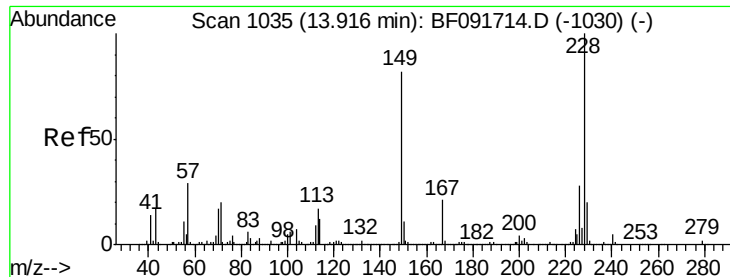
#82
 Chrysene
 Concen: 38.96 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

Tgt Ion:228 Resp: 1696247
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.4 38.0
 229 20.5 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

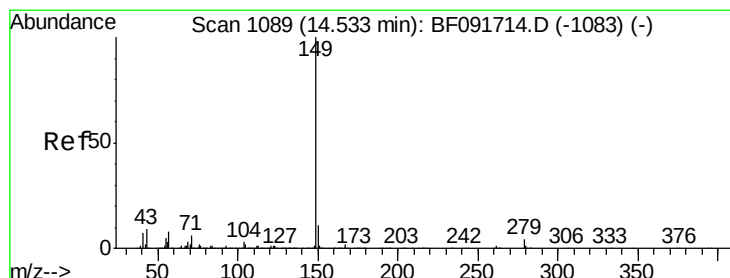
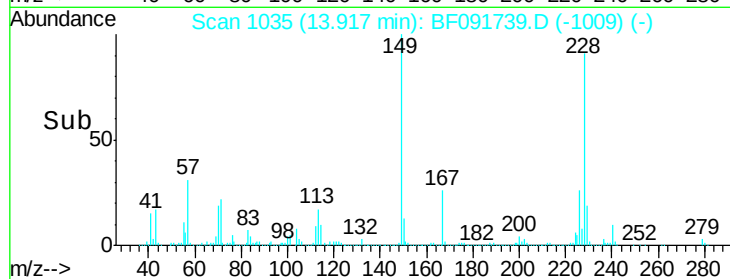
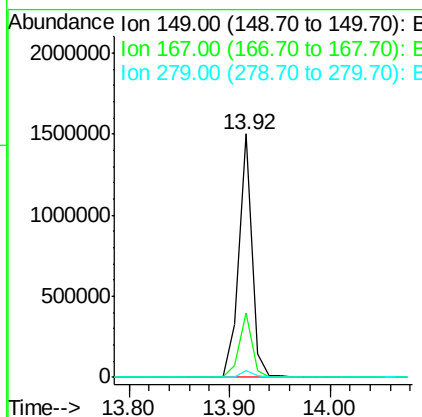
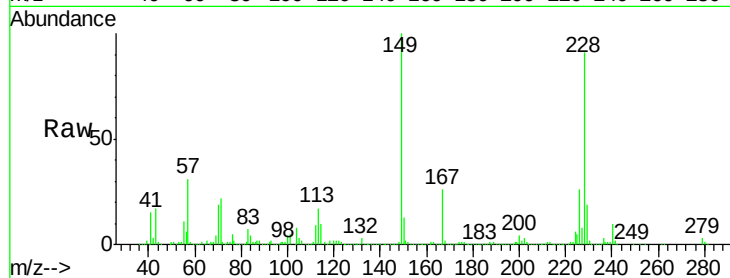




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.42 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

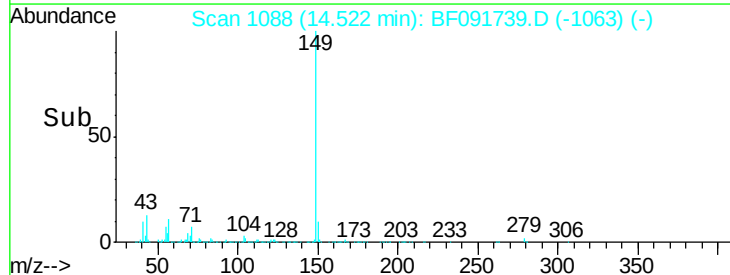
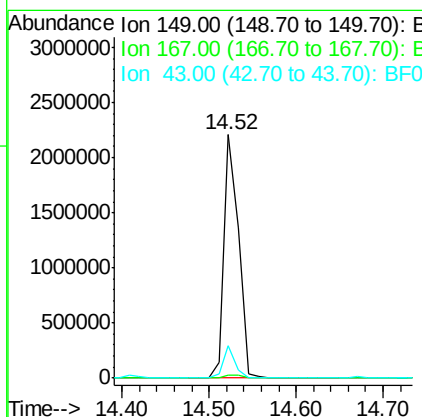
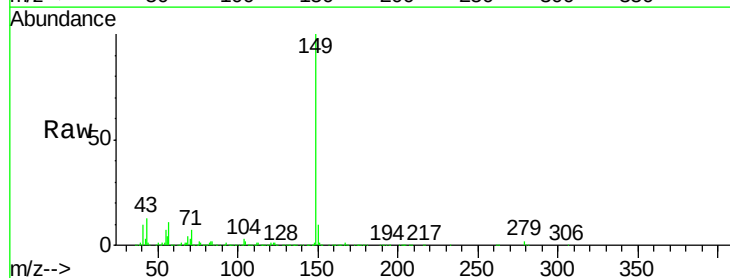
Instrument :
 BNA_F
 ClientSampleId :
 TP09-2-2.5FTMSD

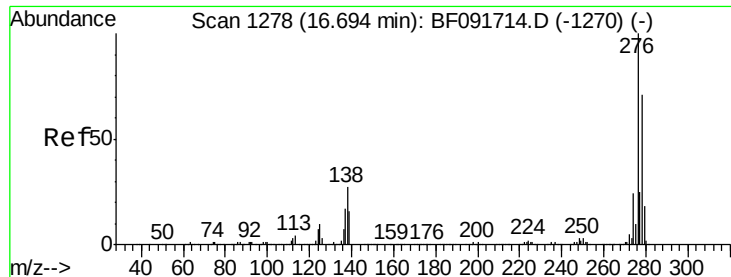
Tot Ion:149 Resp: 1366916
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.2 30.4
 279 2.8 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 44.74 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

Tgt Ion:149 Resp: 2595695
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.9 8.9 13.3

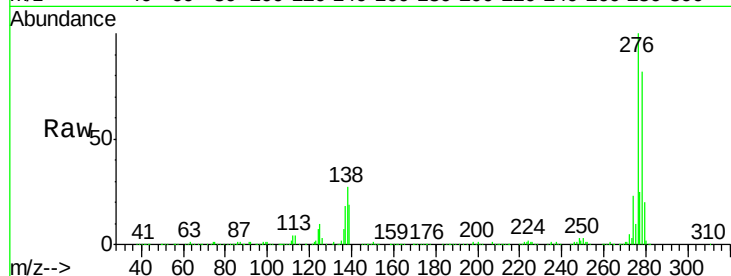




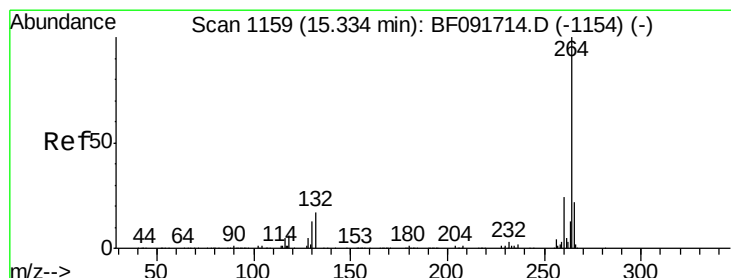
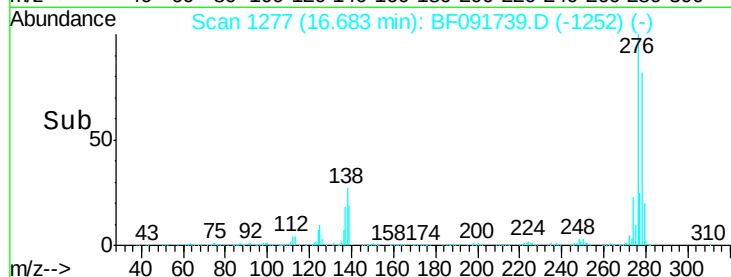
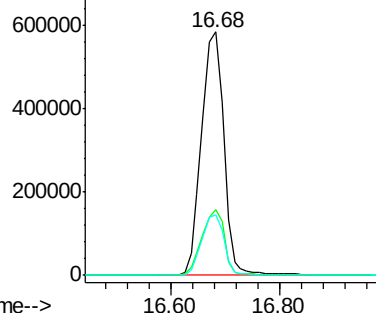
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.00 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Instrument :
BNA_F
ClientSampleId :
TP09-2-2.5FTMSD

Tot Ion:276 Resp: 1669579
Ion Ratio Lower Upper
276 100
138 27.3 21.8 32.6
277 25.2 20.2 30.4

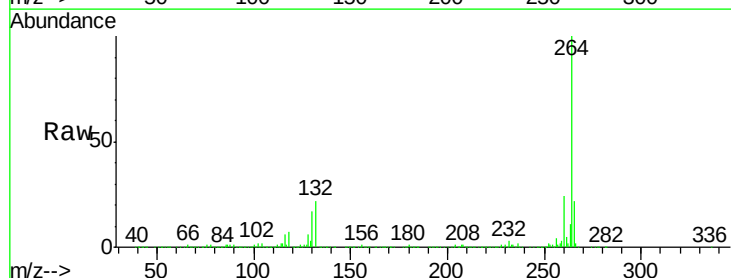


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

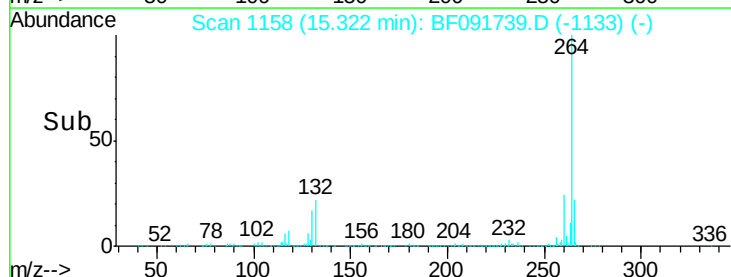
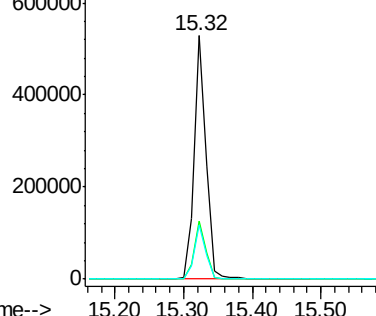


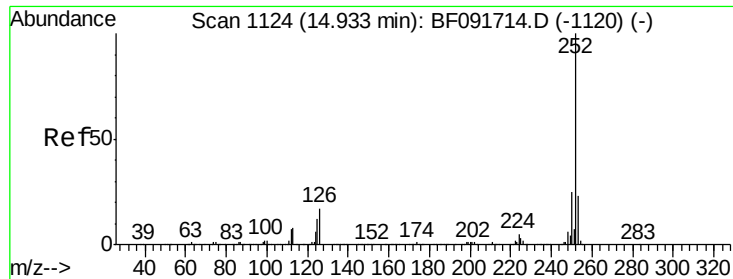
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF091739.D
Acq: 18 Dec 2016 16:34

Tgt Ion:264 Resp: 650963
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.3 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.93 ng m

RT: 14.93 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

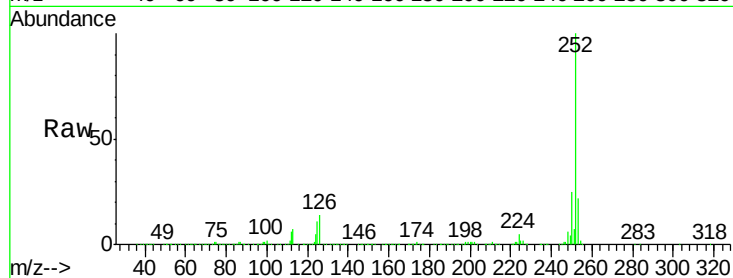
Tot Ion:252 Resp: 1937135

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

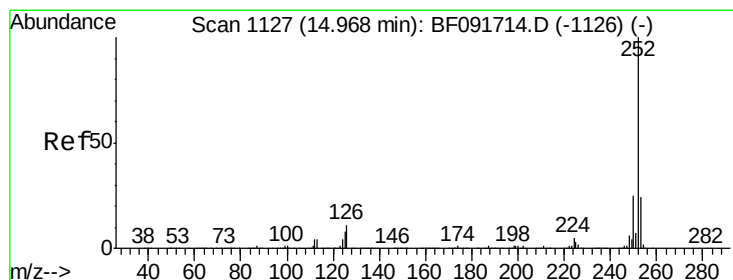
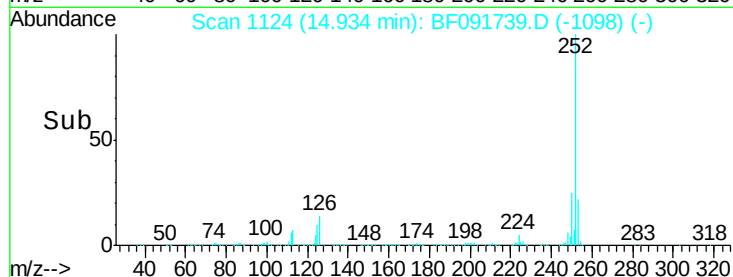
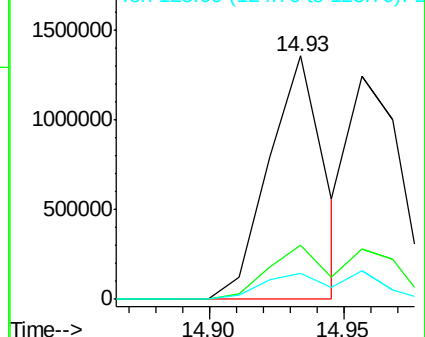
125 10.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 55.16 ng m

RT: 14.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

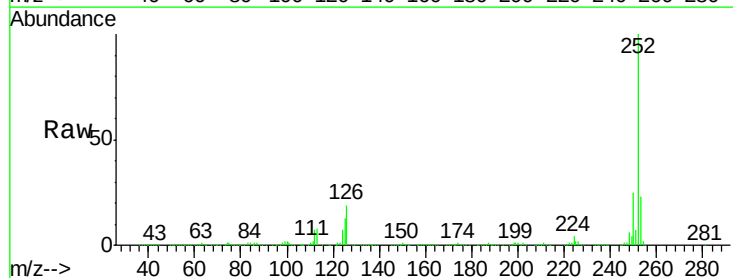
Tgt Ion:252 Resp: 1597721

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

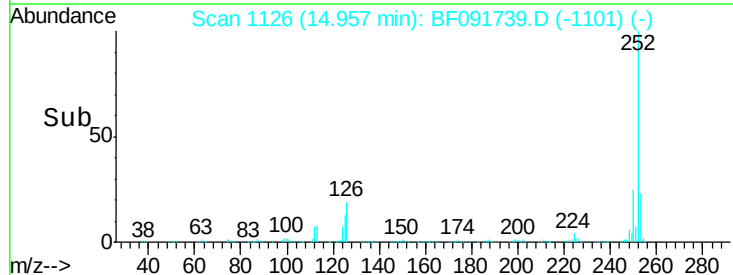
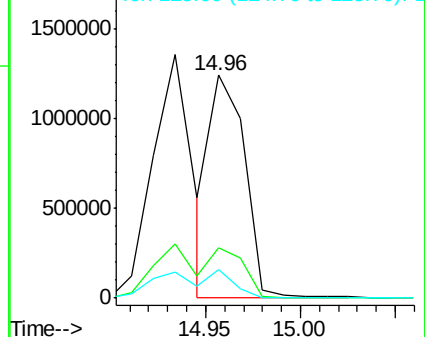
125 13.0 8.9 13.3

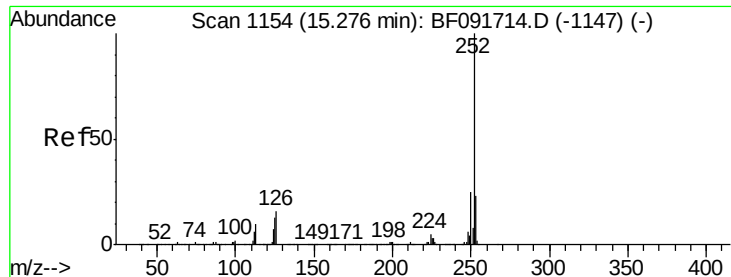


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.25 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

Instrument :

BNA_F

ClientSampleId :

TP09-2-2.5FTMSD

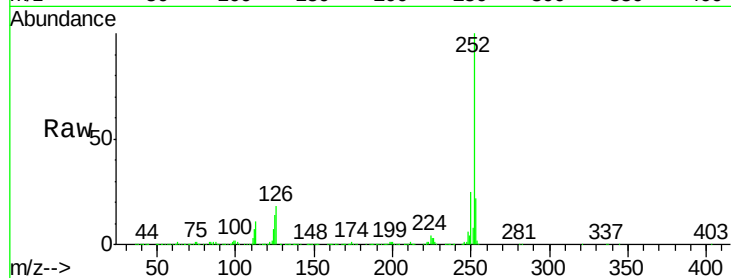
Tot Ion:252 Resp: 1709340

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

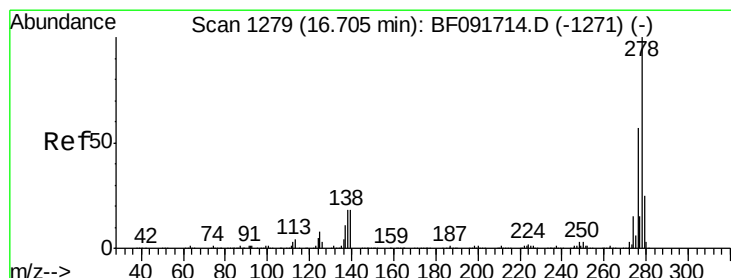
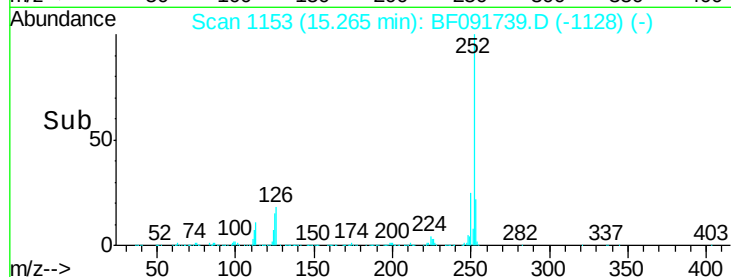
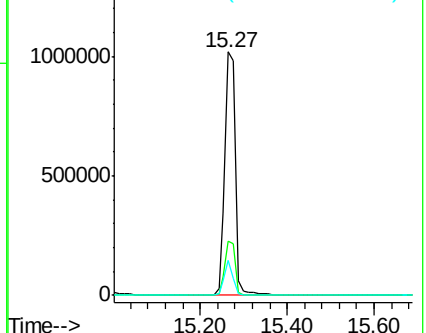
125 14.3 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.18 ng

RT: 16.69 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF091739.D

Acq: 18 Dec 2016 16:34

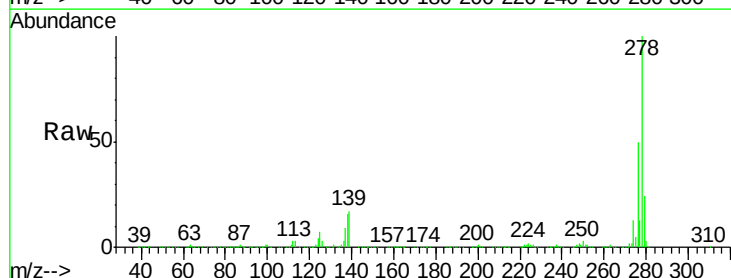
Tgt Ion:278 Resp: 1364279

Ion Ratio Lower Upper

278 100

139 16.8 14.8 22.2

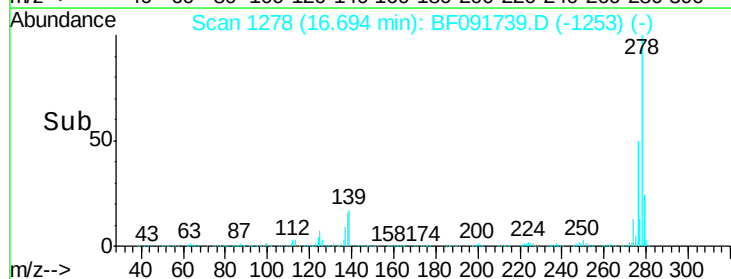
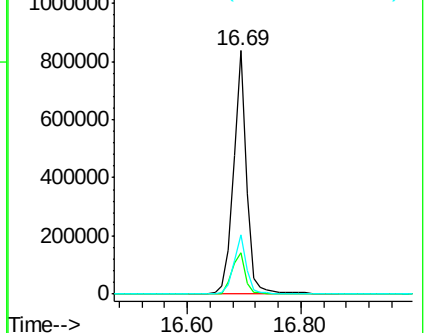
279 24.4 19.8 29.6

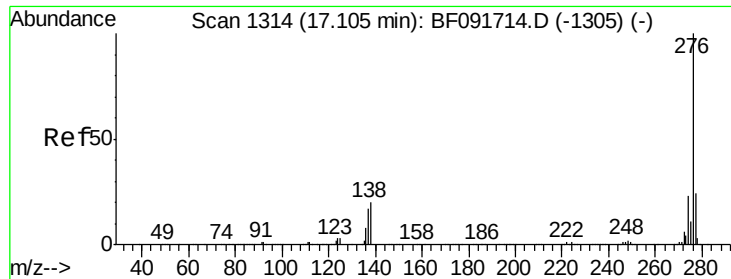


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 44.29 ng
 RT: 17.08 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF091739.D
 Acq: 18 Dec 2016 16:34

Instrument :
 BNA_F
 ClientSampleId :
 TP09-2-2.5FTMSD

Tot Ion:276 Resp: 1390017

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	23.7	16.0	24.0

