

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091269.D
 Acq On : 23 Nov 2016 10:24
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 11:59:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 11:54:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	203603	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	827475	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	433279	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	763424	20.00	ng	0.00
75) Chrysene-d12	14.03	240	484361	20.00	ng	-0.01
86) Perylene-d12	15.47	264	395266	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	707858	57.80	ng	0.00
7) Phenol-d6	6.50	99	865999	59.14	ng	0.00
23) Nitrobenzene-d5	7.44	82	698056	46.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	248365	61.40	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1314476	52.98	ng	0.00
78) Terphenyl-d14	12.99	244	1288817	60.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	150376	27.02	ng	88
3) Pyridine	3.21	79	420983	28.93	ng	89
4) n-Nitrosodimethylamine	3.15	42	223499	28.46	ng	95
6) Aniline	6.53	93	532084	30.25	ng	# 72
8) 2-Chlorophenol	6.66	128	377600	28.78	ng	91
9) Benzaldehyde	6.42	77	230403	31.34	ng	90
10) Phenol	6.51	94	511470	29.85	ng	90
11) bis(2-Chloroethyl)ether	6.61	93	379132	28.40	ng	96
12) 1,3-Dichlorobenzene	6.82	146	407090	28.54	ng	99
13) 1,4-Dichlorobenzene	6.90	146	415077	27.85	ng	97
14) 1,2-Dichlorobenzene	7.05	146	364057	27.50	ng	99
15) Benzyl Alcohol	7.01	79	311327	27.06	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.16	45	766401	30.00	ng	71
17) 2-Methylphenol	7.13	107	292404	22.16	ng	# 75
18) Hexachloroethane	7.39	117	140645	25.50	ng	# 77
19) n-Nitroso-di-n-propylamine	7.29	70	245596	22.95	ng	# 96
20) 3+4-Methylphenols	7.28	107	343274	26.02	ng	# 88
22) Acetophenone	7.29	105	502967	25.50	ng	# 91
24) Nitrobenzene	7.46	77	425316	25.46	ng	# 88
25) Isophorone	7.70	82	676788	23.91	ng	99
26) 2-Nitrophenol	7.78	139	173200	24.27	ng	# 78
27) 2,4-Dimethylphenol	7.81	122	343538	30.55	ng	95
28) bis(2-Chloroethoxy)methane	7.92	93	439776	28.42	ng	98
29) 2,4-Dichlorophenol	8.02	162	295436	26.40	ng	92
30) 1,2,4-Trichlorobenzene	8.11	180	336240	26.90	ng	# 95
31) Naphthalene	8.19	128	1053071	27.24	ng	98
32) Benzoic acid	7.92	122	251823	32.73	ng	90
33) 4-Chloroaniline	8.24	127	428167	27.36	ng	# 91
34) Hexachlorobutadiene	8.30	225	194397	26.23	ng	97
35) Caprolactam	8.59	113	85467	27.12	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	306702	25.01	ng	99
37) 2-Methylnaphthalene	8.88	142	677292	26.13	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	334882	27.41	ng	# 96
40) Hexachlorocyclopentadiene	9.04	237	156758	43.69	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	229842	30.91	nq	97
43) 2,4,5-Trichlorophenol	9.18	196	207070	26.59	nq	# 91
45) 1,1'-Biphenyl	9.34	154	943974	28.57	nq	95
46) 2-Chloronaphthalene	9.37	162	673499	27.40	nq	95
47) 2-Nitroaniline	9.46	65	216555	23.74	nq	97
48) Acenaphthylene	9.78	152	990649	26.77	nq	98
49) Dimethylphthalate	9.64	163	733145	25.36	nq	98
50) 2,6-Dinitrotoluene	9.70	165	169853	27.41	nq	87
51) Acenaphthene	9.95	154	636554	27.75	nq	97
52) 3-Nitroaniline	9.86	138	165431	25.04	nq	# 78
53) 2,4-Dinitrophenol	9.96	184	41158	16.53	nq	# 1
54) Dibenzofuran	10.12	168	899611	28.16	nq	96
55) 4-Nitrophenol	10.01	139	115610	39.28	nq	97
56) 2,4-Dinitrotoluene	10.10	165	222235	28.48	nq	89
57) Fluorene	10.46	166	694969	26.87	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	194397	29.64	nq	97
59) Diethylphthalate	10.34	149	709381	25.31	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	336348	27.70	nq	98
61) 4-Nitroaniline	10.48	138	168893	24.81	nq	95
62) Azobenzene	10.61	77	678060	20.35	nq	82
64) 4,6-Dinitro-2-methylphenol	10.50	198	73263	15.04	nq	93
65) n-Nitrosodiphenylamine	10.58	169	633346	27.53	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	206703	25.90	nq	93
67) Hexachlorobenzene	11.01	284	244199	28.05	nq	# 95
68) Atrazine	11.10	200	194486	23.83	nq	92
69) Pentachlorophenol	11.20	266	137020	39.75	nq	95
70) Phenanthrene	11.42	178	1073661	26.76	nq	99
71) Anthracene	11.47	178	1003584	25.10	nq	99
72) Carbazole	11.63	167	973941	26.59	nq	97
73) Di-n-butylphthalate	11.97	149	1109998	25.46	nq	# 98
74) Fluoranthene	12.61	202	1042256	23.85	nq	96
76) Benzidine	12.73	184	287095	26.39	nq	97
77) Pyrene	12.83	202	1029159	27.70	nq	98
79) Butylbenzylphthalate	13.46	149	372093	23.86	nq	89
80) Benzo(a)anthracene	14.02	228	740035	25.22	nq	98
81) 3,3'-Dichlorobenzidine	13.99	252	256432	25.21	nq	98
82) Chrysene	14.05	228	696681	23.10	nq	98
83) Bis(2-ethylhexyl)phthalate	14.03	149	486552	24.61	nq	# 94
84) Di-n-octyl phthalate	14.64	149	671893	19.41	nq	98
85) Indeno(1,2,3-cd)pyrene	16.88	276	643576	26.83	nq	95
87) Benzo(b)fluoranthene	15.08	252	1184389	49.86	nq	# 98
88) Benzo(k)fluoranthene	15.08	252	1184726	49.37	nq	# 97
89) Benzo(a)pyrene	15.40	252	547071	25.11	nq	97
90) Dibenzo(a,h)anthracene	16.90	278	566189	31.54	nq	# 94
91) Benzo(g,h,i)perylene	17.30	276	572593	31.21	nq	100

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

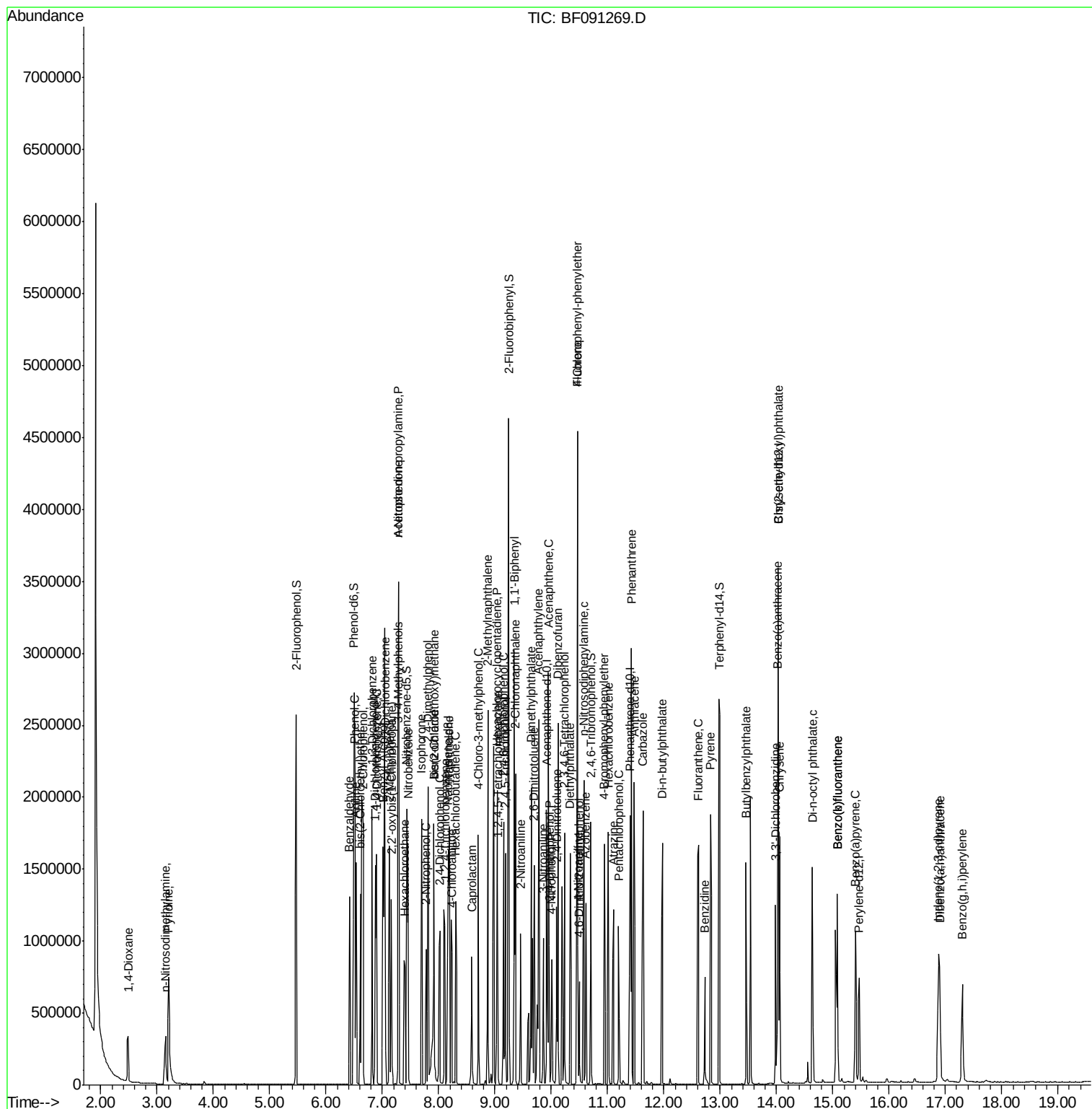
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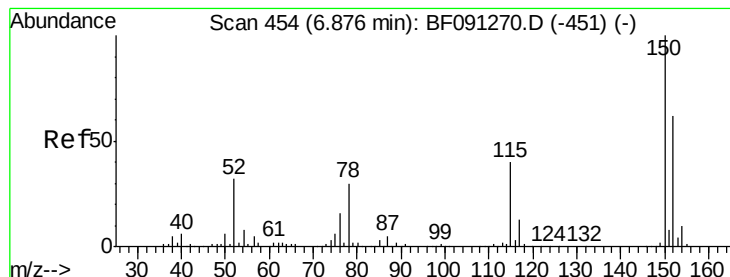
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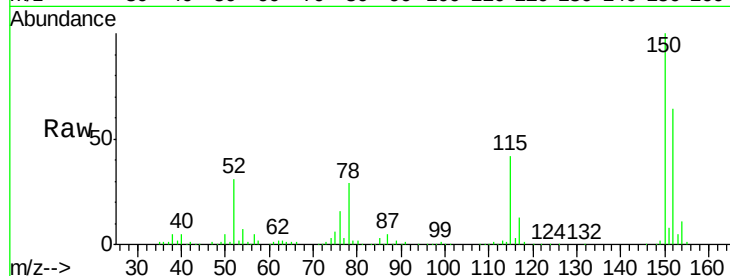


#1

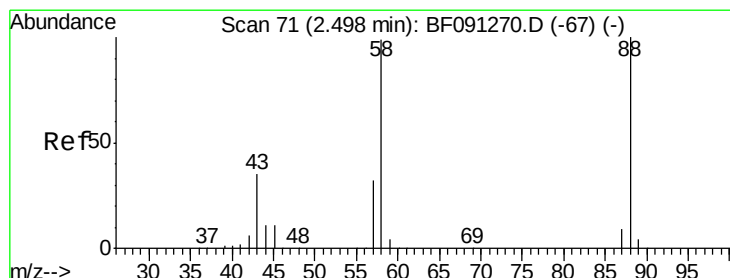
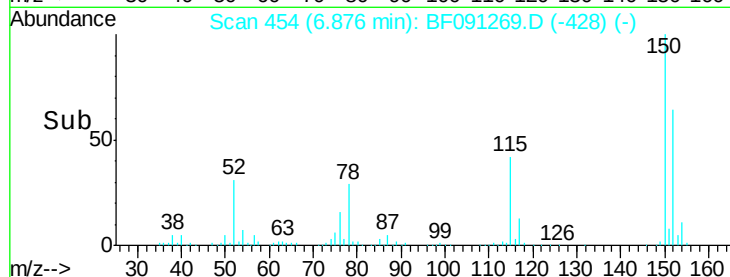
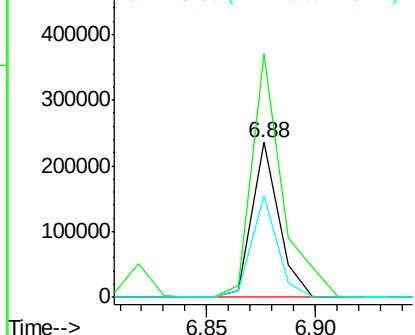
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.5	183.7
115	65.4	51.8	77.8



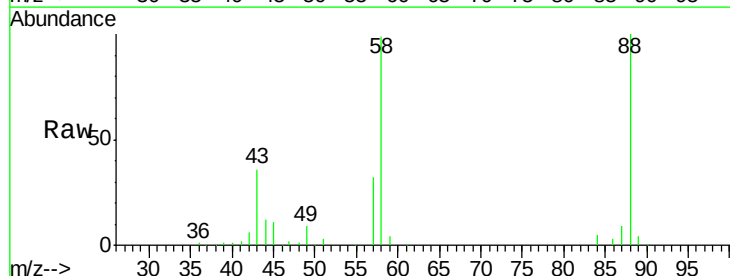
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



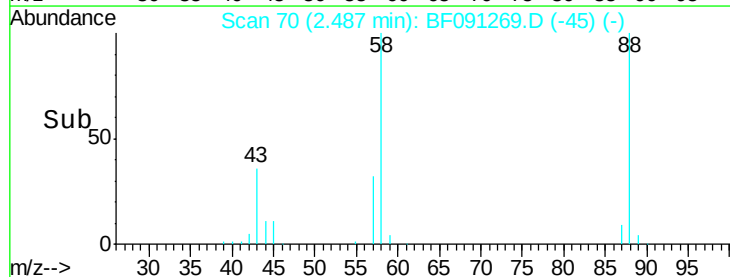
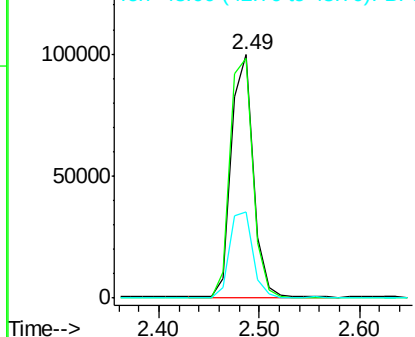
#2

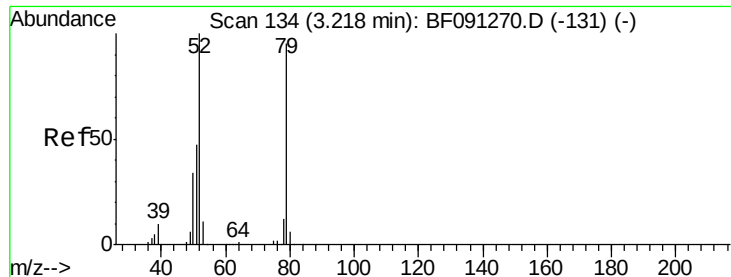
1,4-Dioxane
Concen: 27.02 ng
RT: 2.49 min Scan# 70
Delta R.T. -0.01 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.8	70.3	105.5
43	38.8	31.3	46.9



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: 28.93 ng

RT: 3.21 min Scan# 133

Delta R.T. -0.01 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :

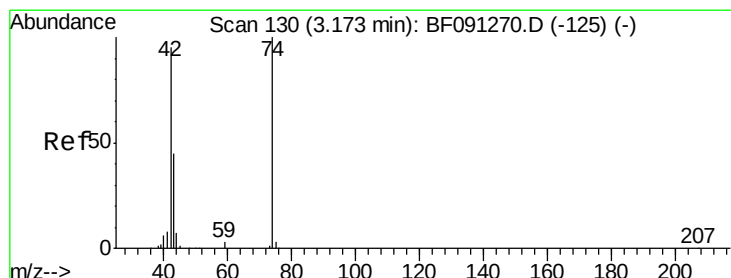
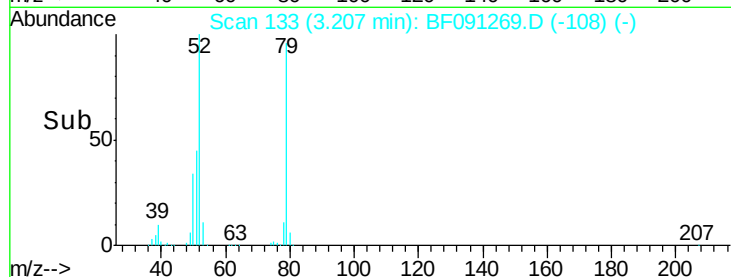
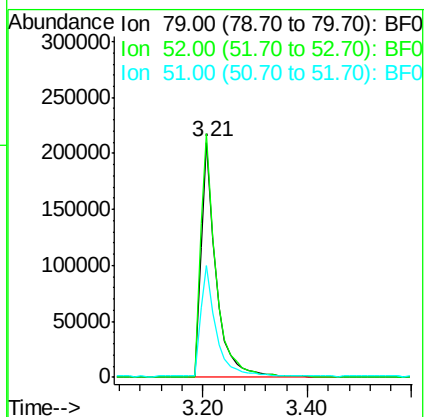
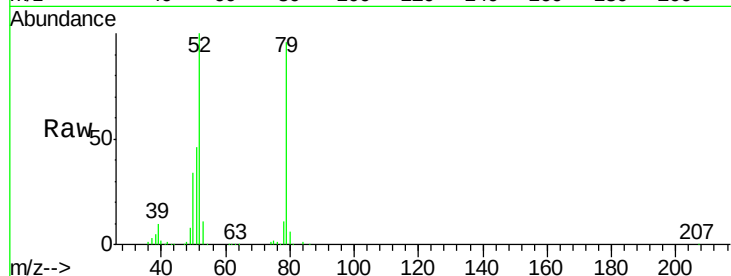
Tot Ion: 79 Resp: 420983

Ion Ratio Lower Upper

79 100

52 103.8 71.0 106.4

51 47.8 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 28.46 ng

RT: 3.15 min Scan# 128

Delta R.T. -0.02 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

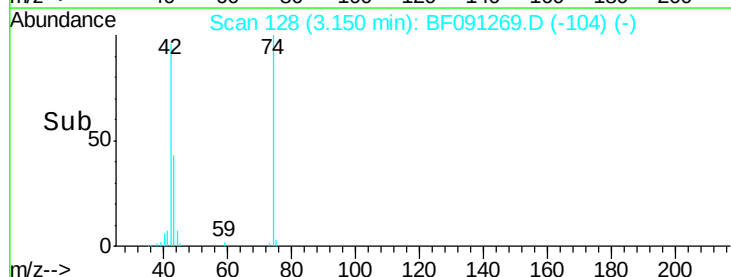
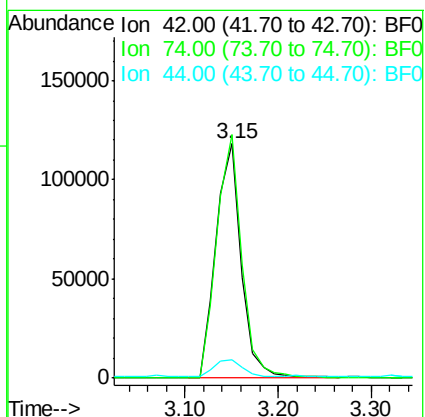
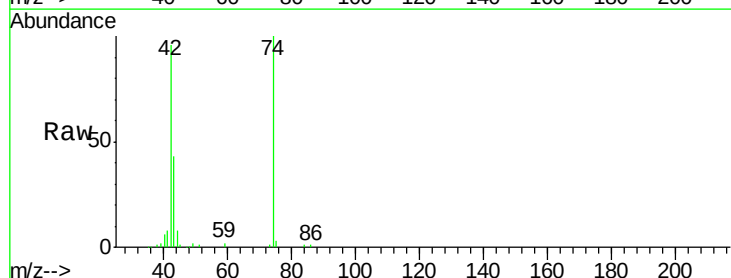
Tgt Ion: 42 Resp: 223499

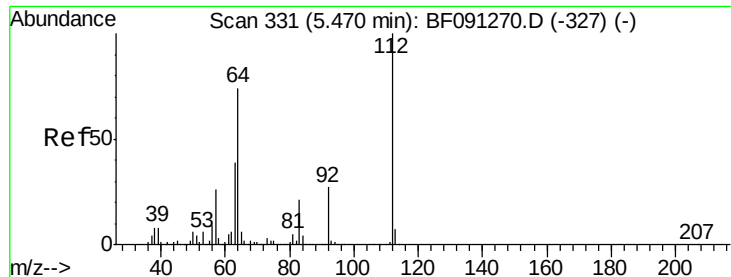
Ion Ratio Lower Upper

42 100

74 103.8 78.9 118.3

44 8.1 5.8 8.6





#5

2-Fluorophenol

Concen: 57.80 ng

RT: 5.47 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :

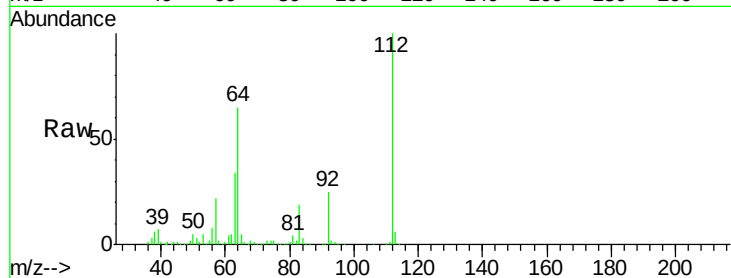
Tot Ion:112 Resp: 707858

Ion Ratio Lower Upper

112 100

64 65.4 61.5 92.3

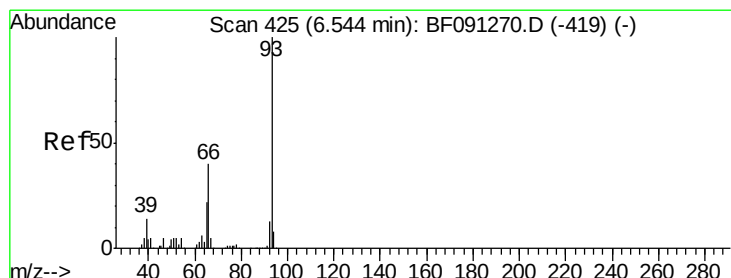
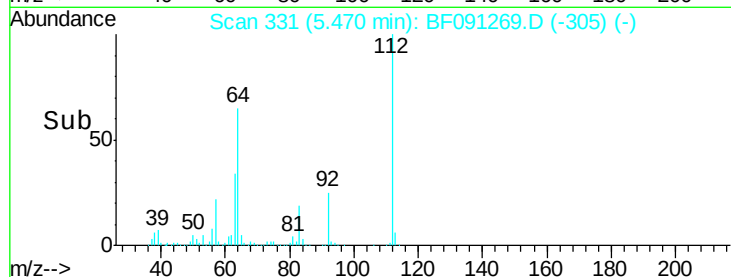
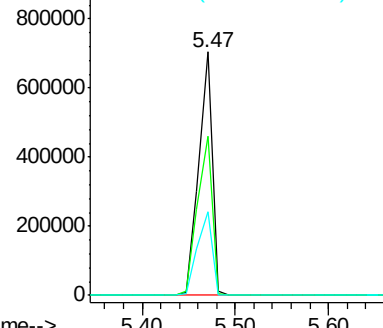
63 34.3 33.3 49.9



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: 30.25 ng

RT: 6.53 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

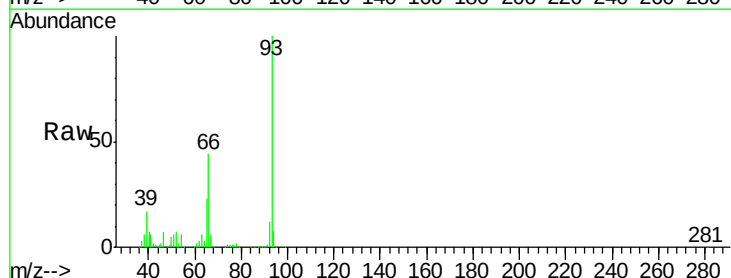
Tgt Ion: 93 Resp: 532084

Ion Ratio Lower Upper

93 100

66 44.4 55.8 83.6#

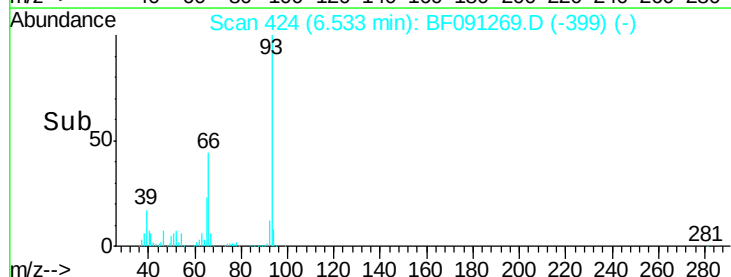
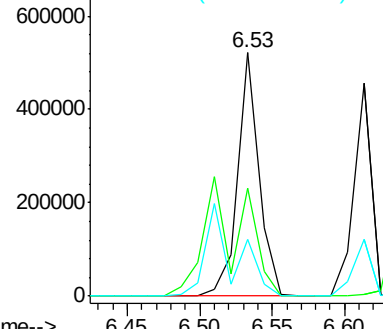
65 23.5 29.9 44.9#

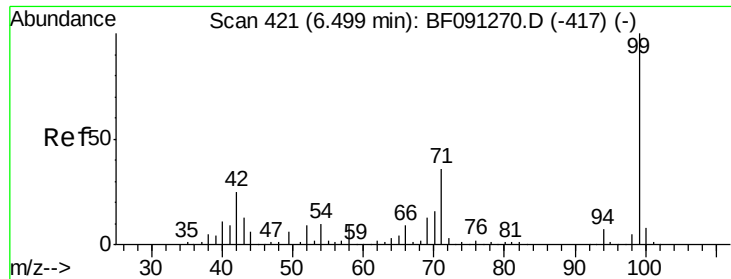


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 59.14 ng

RT: 6.50 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampled :

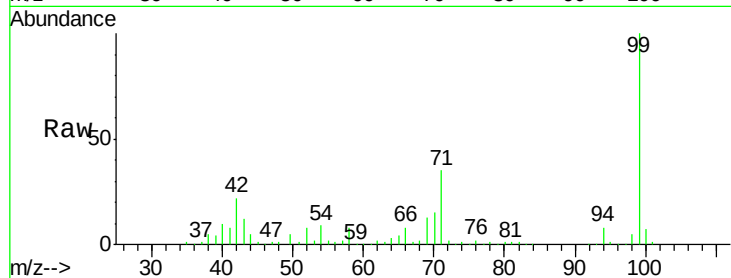
Tot Ion: 99 Resp: 865999

Ion Ratio Lower Upper

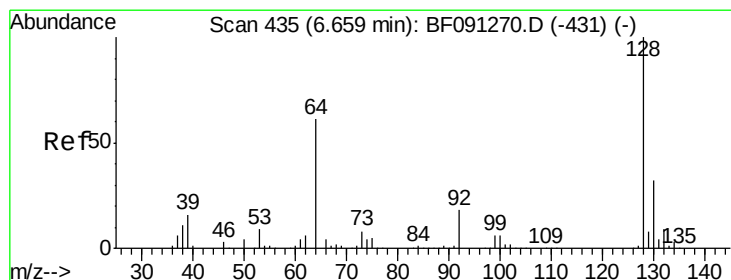
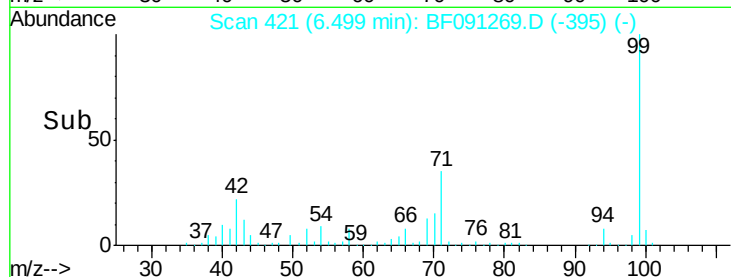
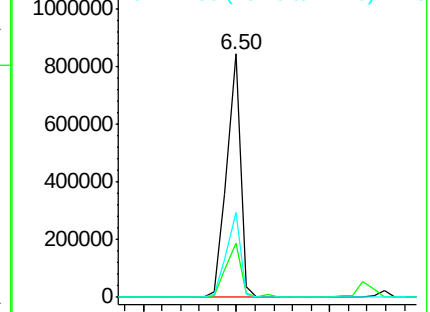
99 100

42 22.1 20.6 31.0

71 34.8 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 28.78 ng

RT: 6.66 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

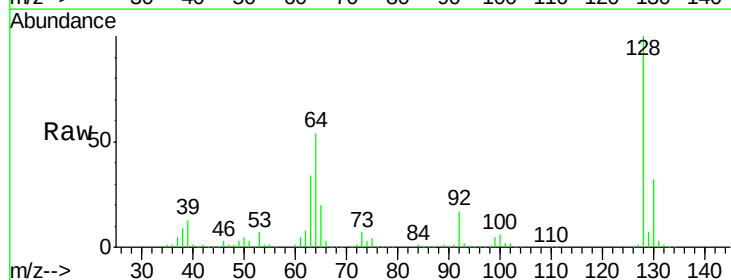
Tgt Ion: 128 Resp: 377600

Ion Ratio Lower Upper

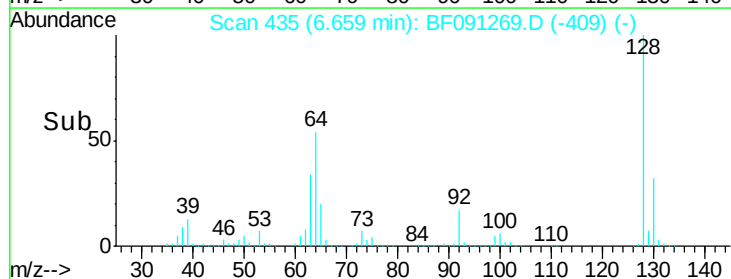
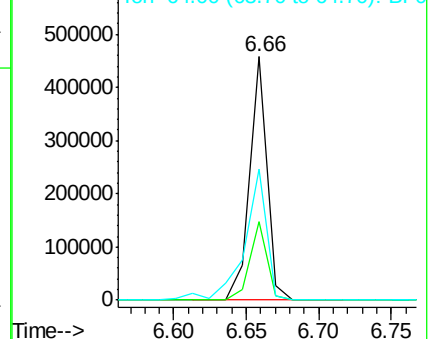
128 100

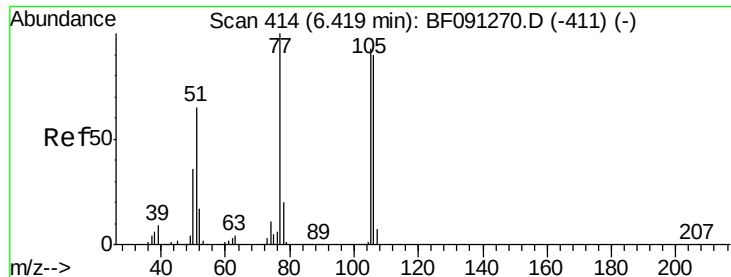
130 32.4 13.1 53.1

64 54.0 24.1 64.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 31.34 ng

RT: 6.42 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

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ClientSampleId :

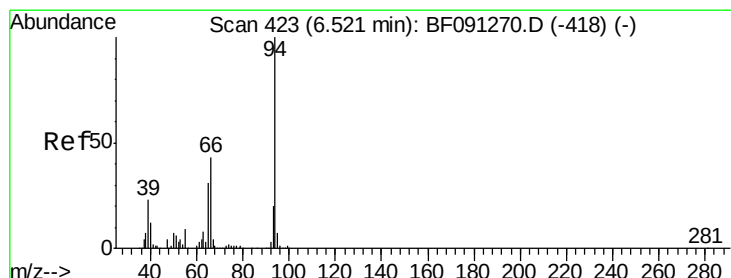
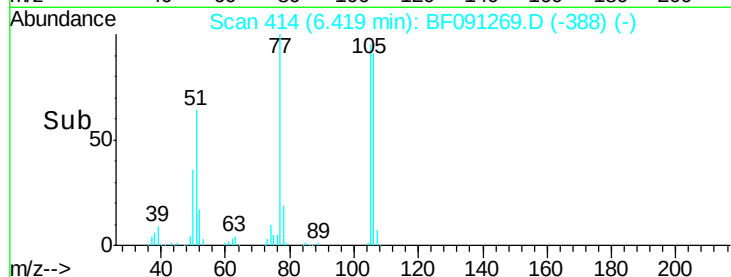
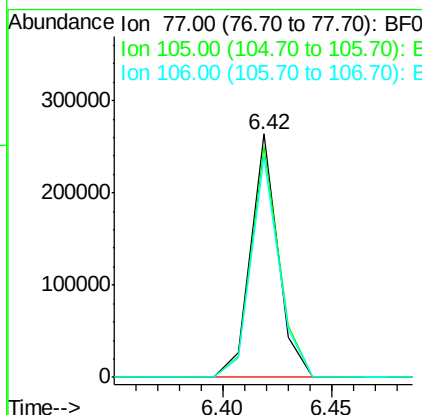
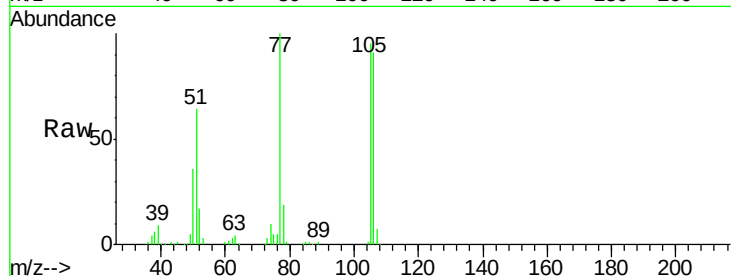
Tot Ion: 77 Resp: 230403

Ion Ratio Lower Upper

77 100

105 94.6 66.4 106.4

106 90.9 60.9 100.9



#10

Phenol

Concen: 29.85 ng

RT: 6.51 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

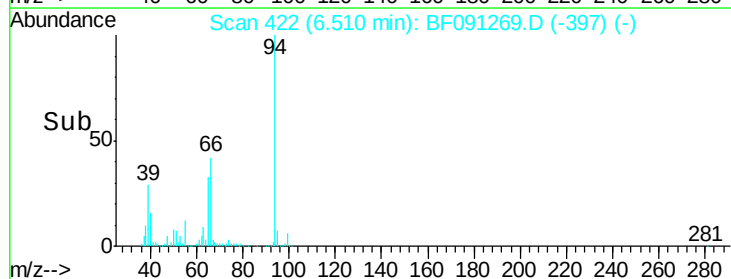
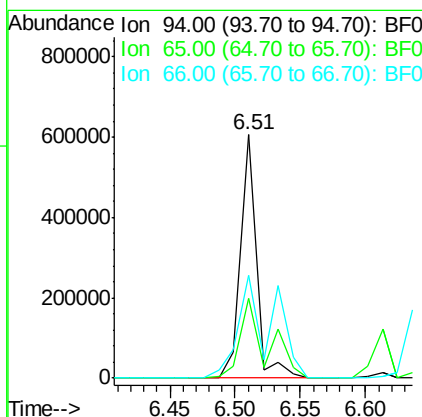
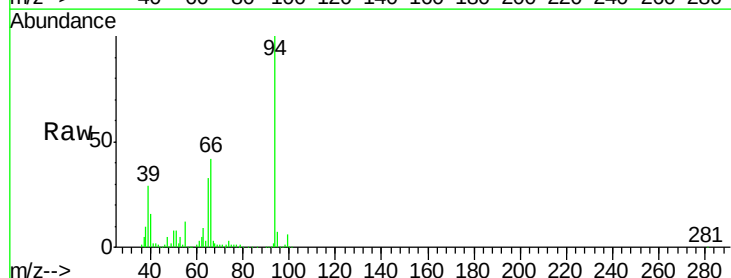
Tgt Ion: 94 Resp: 511470

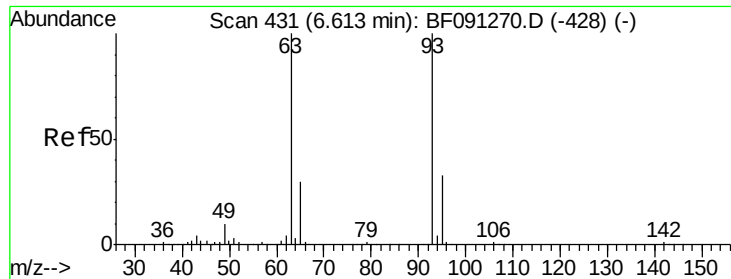
Ion Ratio Lower Upper

94 100

65 32.8 16.9 56.9

66 42.4 30.6 70.6

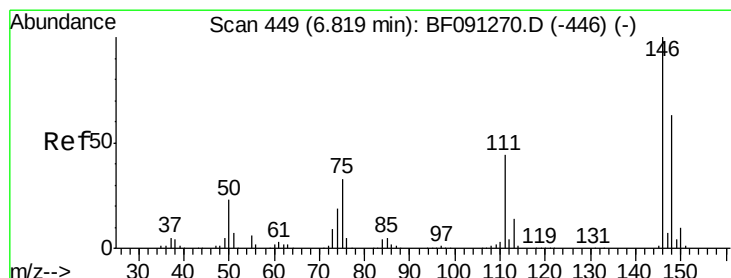
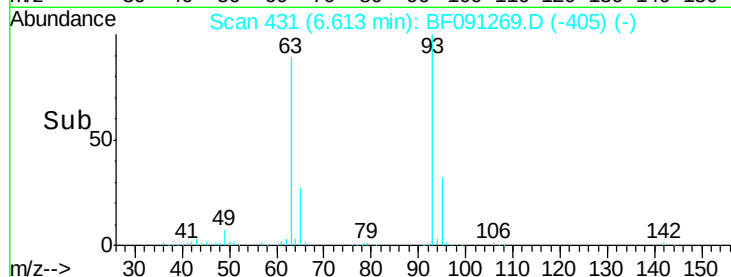
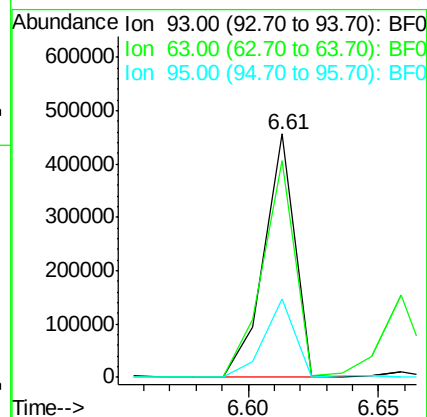
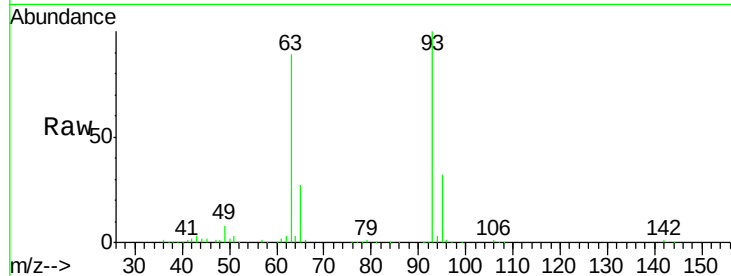




#11
bis(2-Chloroethyl)ether
Concen: 28.40 ng
RT: 6.61 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

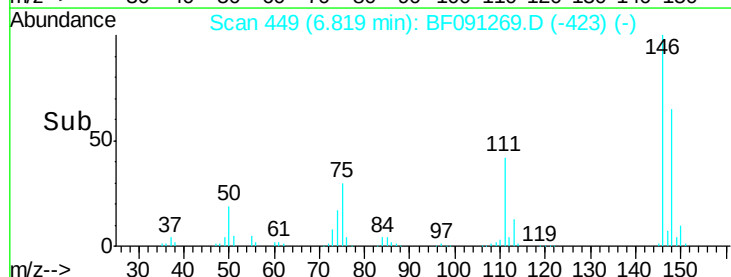
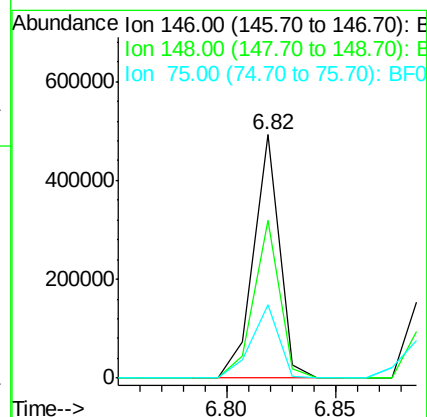
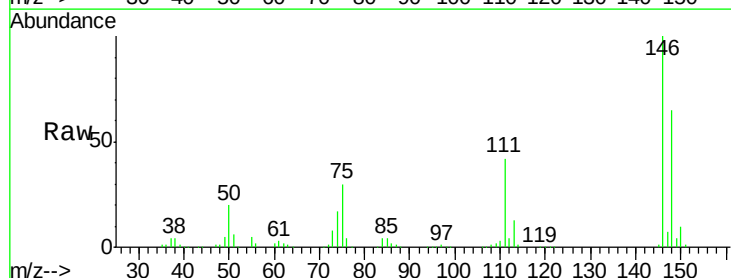
Instrument :
BNA_F
ClientSampleId :

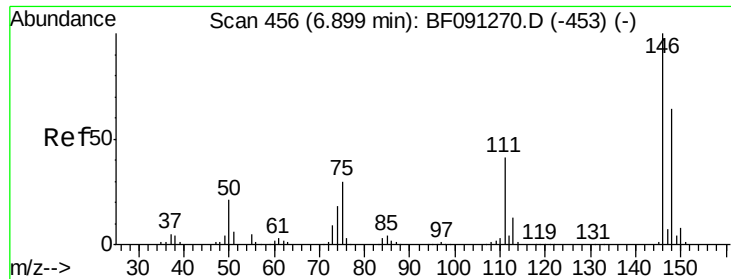
Tot Ion: 93 Resp: 379132
Ion Ratio Lower Upper
93 100
63 89.1 74.8 114.8
95 32.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 28.54 ng
RT: 6.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion: 146 Resp: 407090
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
75 30.2 23.6 35.4

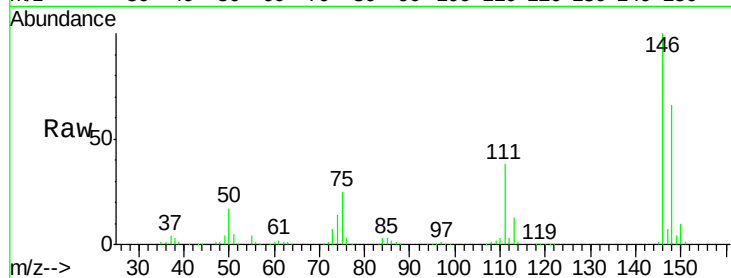




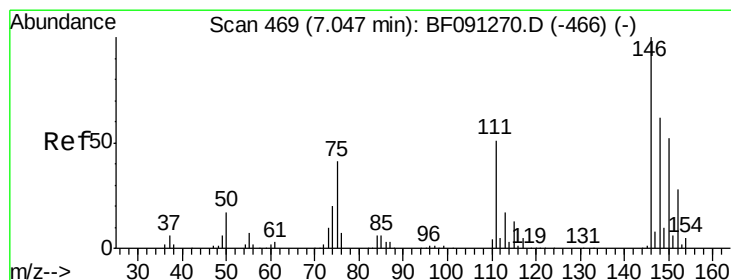
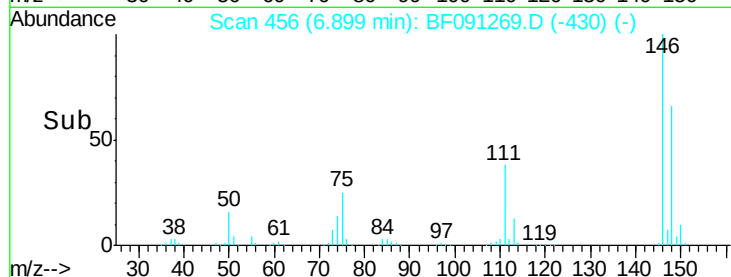
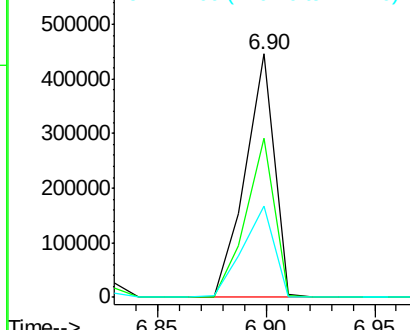
#13
 1,4-Dichlorobenzene
 Concen: 27.85 ng
 RT: 6.90 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 415077
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.4 77.0
 111 37.6 32.2 48.2

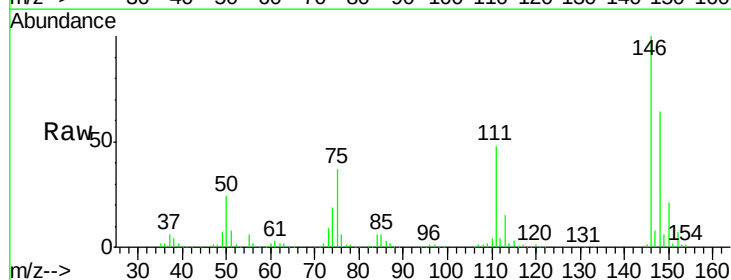


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

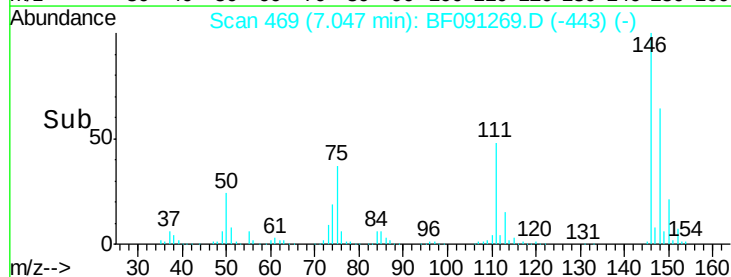
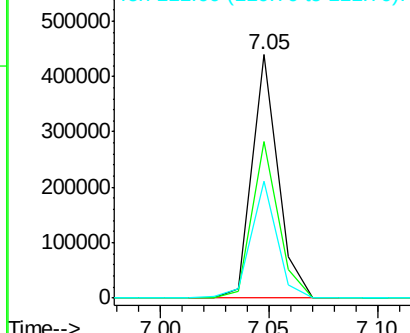


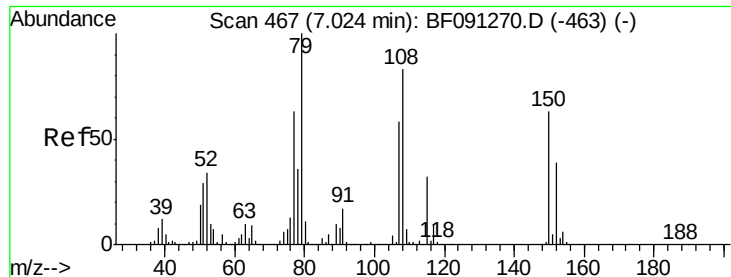
#14
 1,2-Dichlorobenzene
 Concen: 27.50 ng
 RT: 7.05 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

Tgt Ion:146 Resp: 364057
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.6
 111 48.1 38.9 58.3



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





#15

Benzyl Alcohol

Concen: 27.06 ng

RT: 7.01 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampled :

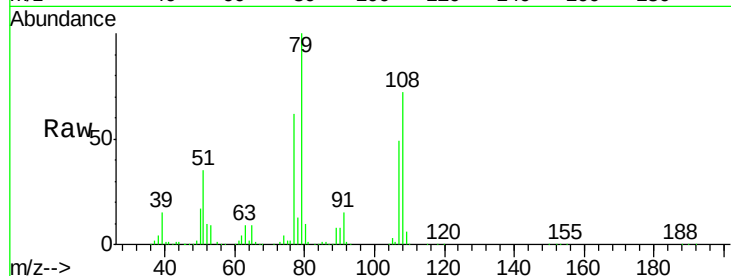
Tot Ion: 79 Resp: 311327

Ion Ratio Lower Upper

79 100

108 71.8 62.7 94.1

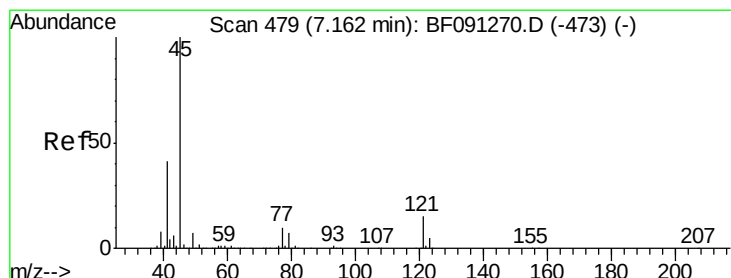
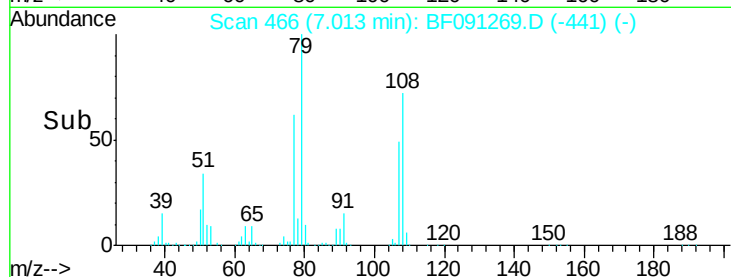
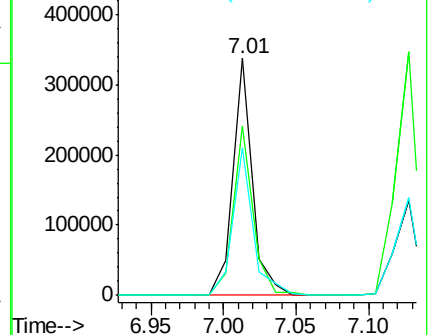
77 62.2 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.00 ng

RT: 7.16 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

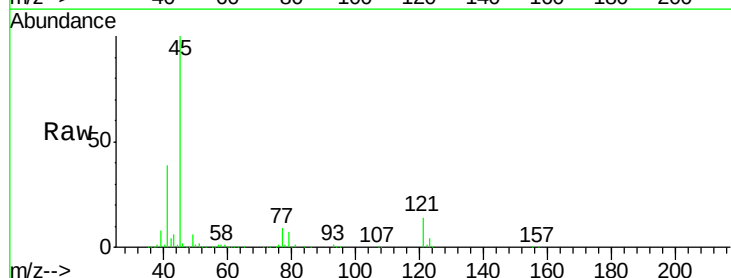
Tgt Ion: 45 Resp: 766401

Ion Ratio Lower Upper

45 100

77 9.5 3.8 43.8

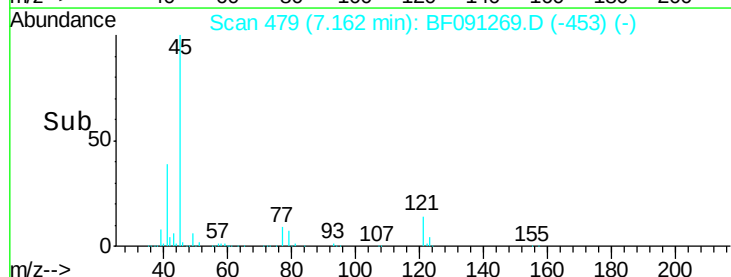
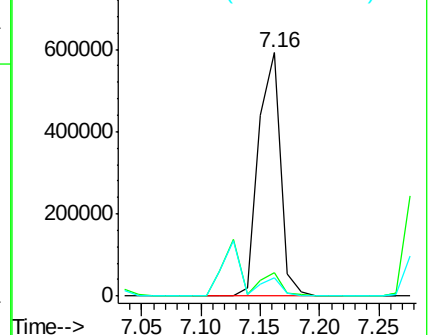
79 7.3 0.2 40.2

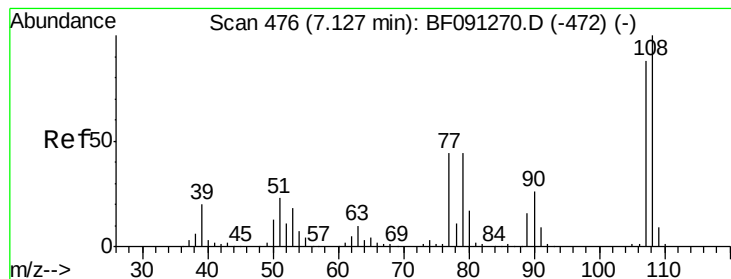


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

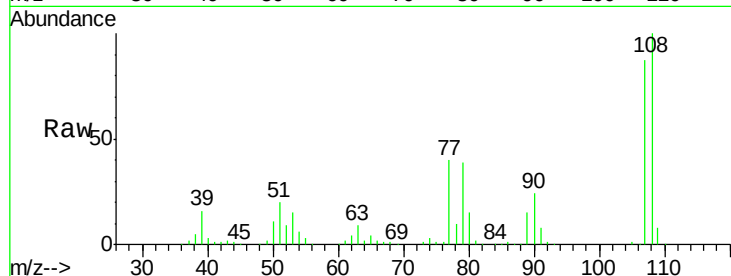




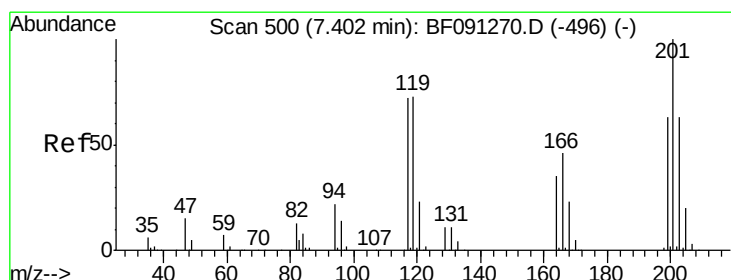
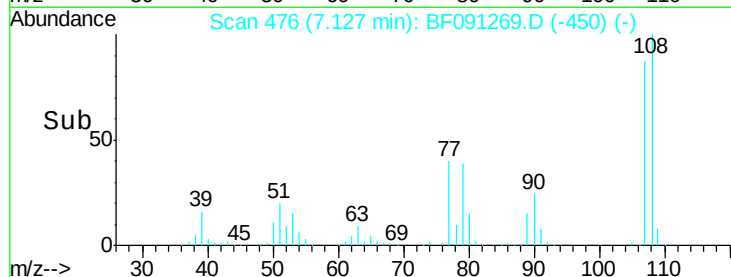
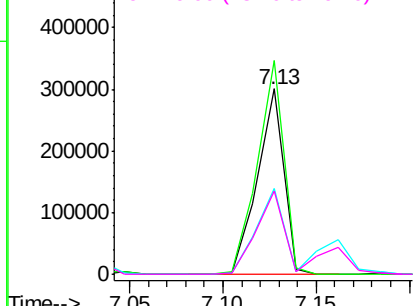
#17
2-Methylphenol
Concen: 22.16 ng
RT: 7.13 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 292404
Ion Ratio Lower Upper
107 100
108 115.4 67.7 101.5#
77 46.0 40.7 61.1
79 45.3 23.4 35.2#

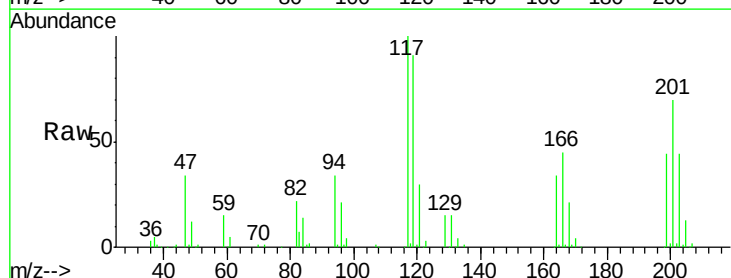


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

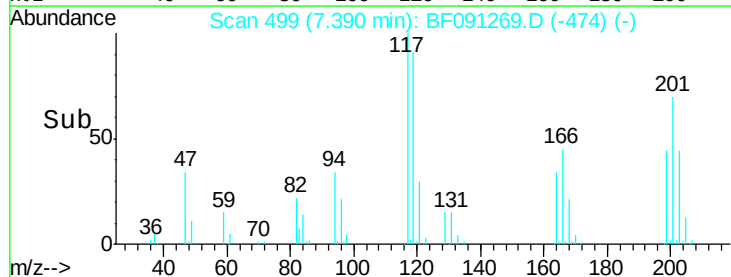
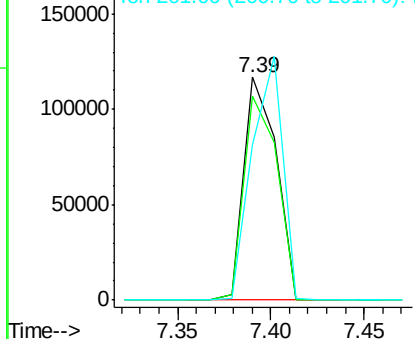


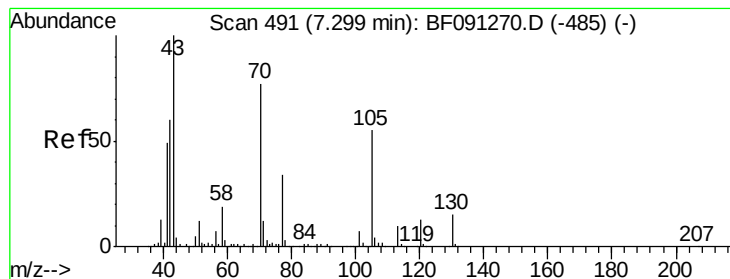
#18
Hexachloroethane
Concen: 25.50 ng
RT: 7.39 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion:117 Resp: 140645
Ion Ratio Lower Upper
117 100
119 91.4 78.6 118.0
201 69.7 86.7 130.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 22.95 ng

RT: 7.29 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 245596

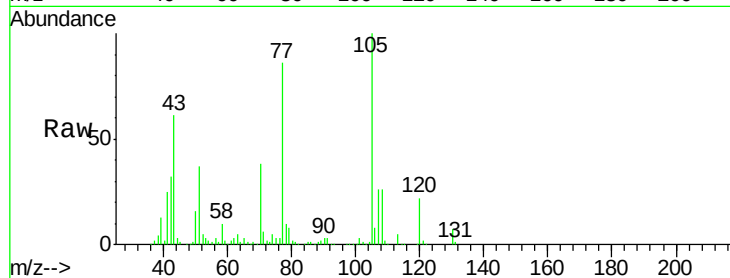
Ion Ratio Lower Upper

70 100

42 83.6 64.8 97.2

101 8.2 6.2 9.4

130 17.9 11.7 17.5#

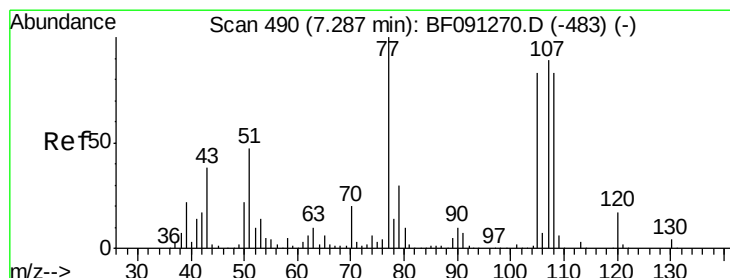
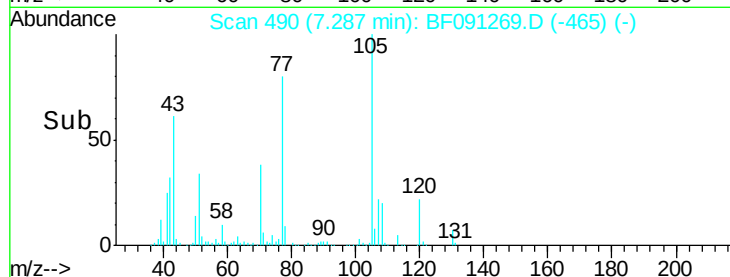
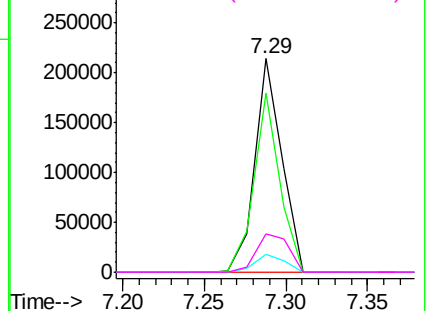


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 26.02 ng

RT: 7.28 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Tgt Ion: 107 Resp: 343274

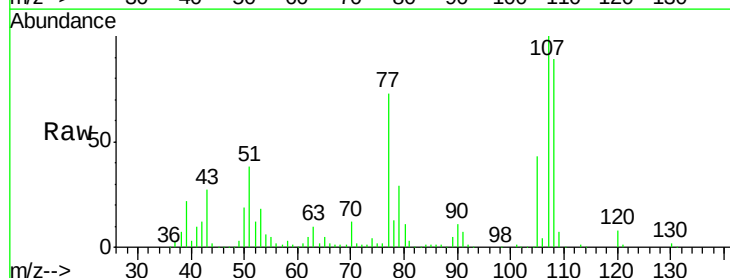
Ion Ratio Lower Upper

107 100

108 88.8 64.6 104.6

77 73.3 30.9 70.9#

79 29.2 9.3 49.3

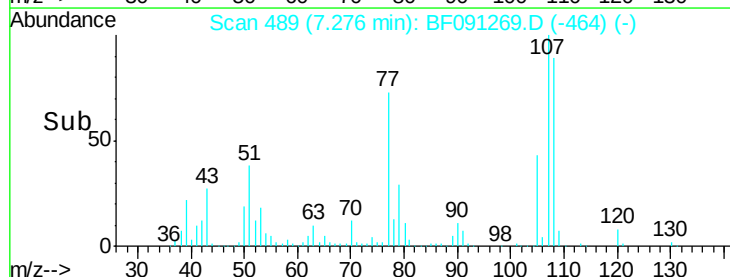
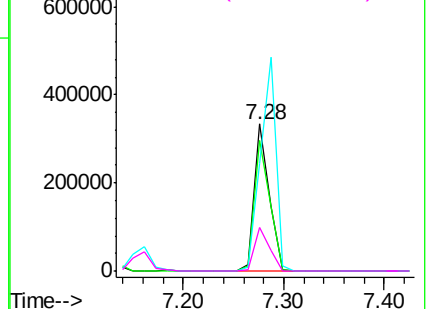


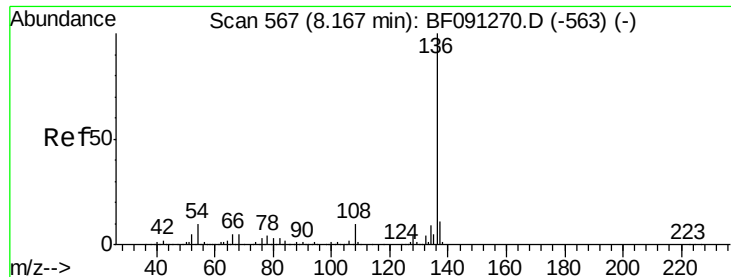
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 827475

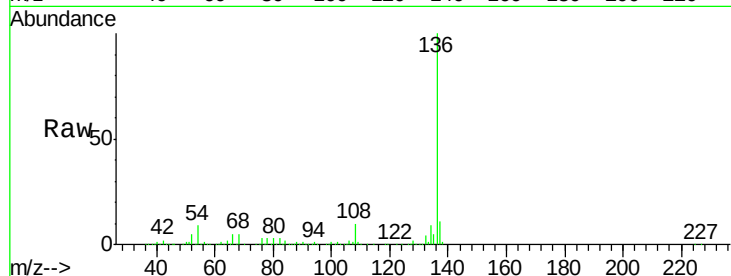
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 9.0 9.1 13.7#

68 4.8 5.9 8.9#

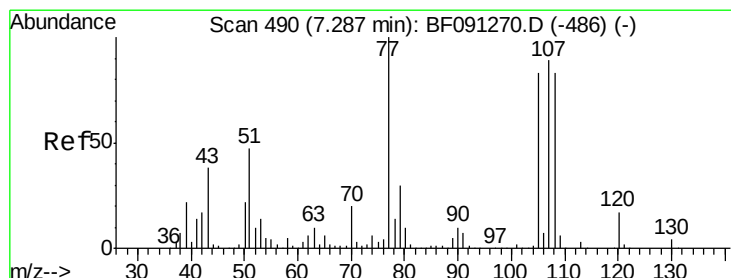
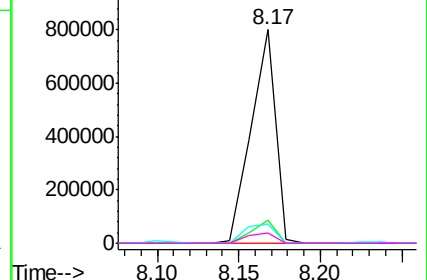
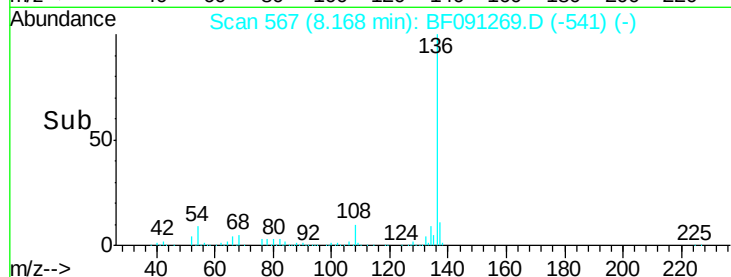


Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.50 ng

RT: 7.29 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Tgt Ion:105 Resp: 502967

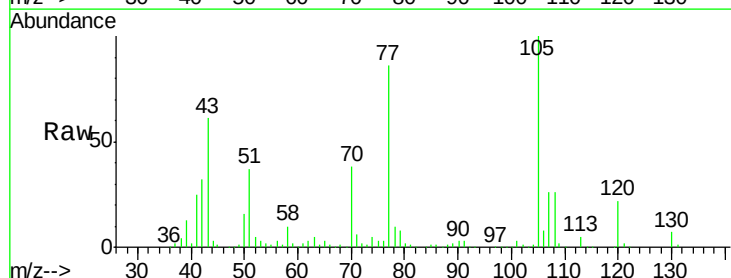
Ion Ratio Lower Upper

105 100

71 6.1 7.9 11.9#

51 37.4 24.5 36.7#

120 21.6 16.6 24.8

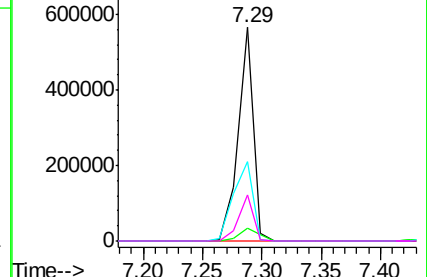
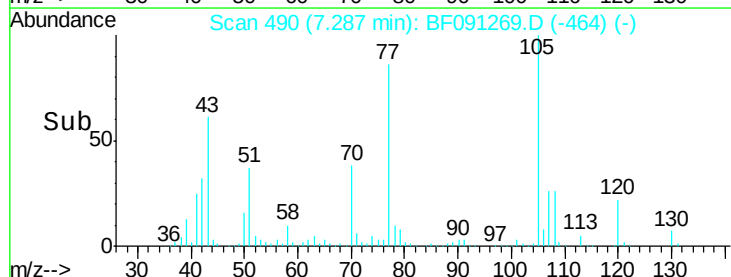


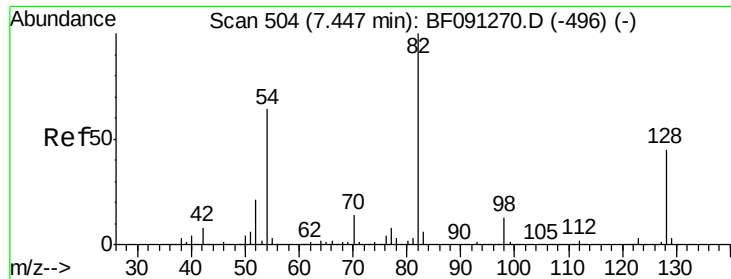
Abundance Ion 105.00 (104.70 to 105.70): E

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

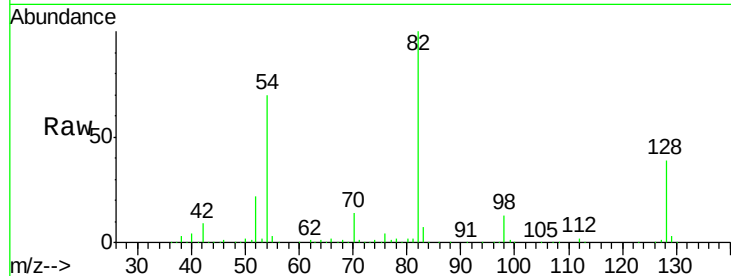




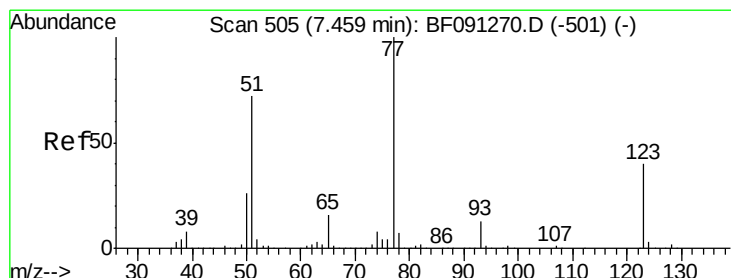
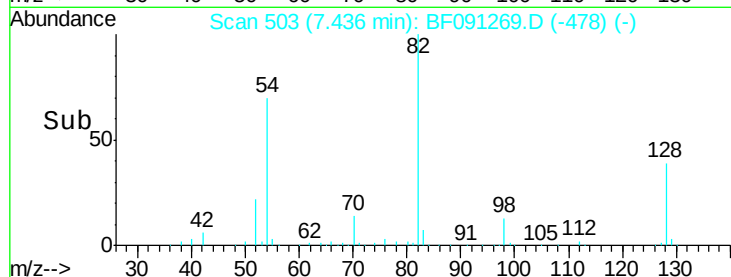
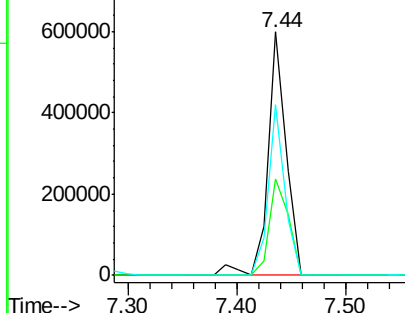
#23
Nitrobenzene-d5
Concen: 46.52 ng
RT: 7.44 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	698056
Ion Ratio	100	Lower	Upper
128	39.4	31.8	47.6
54	70.0	49.1	73.7

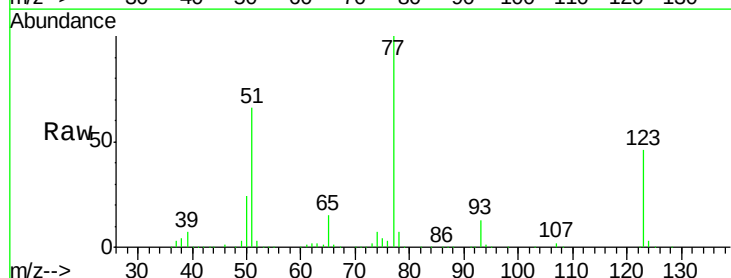


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

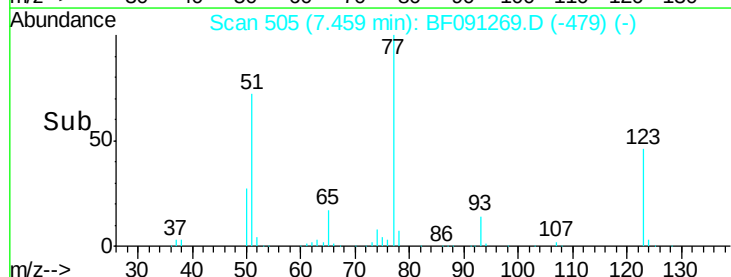
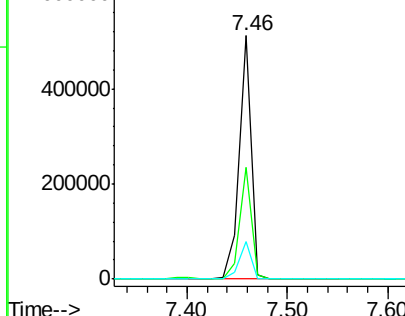


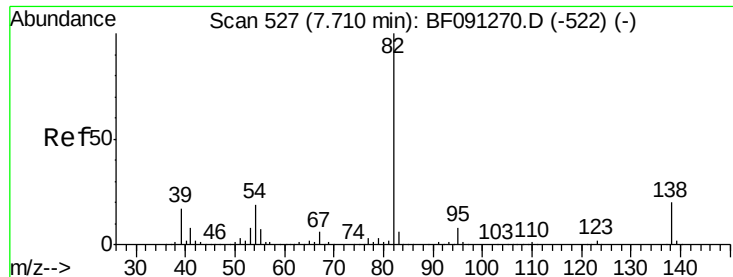
#24
Nitrobenzene
Concen: 25.46 ng
RT: 7.46 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion	77	Resp	425316
Ion Ratio	100	Lower	Upper
123	45.7	28.5	42.7#
65	15.4	12.5	18.7



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





#25

Isophorone

Concen: 23.91 ng

RT: 7.70 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :

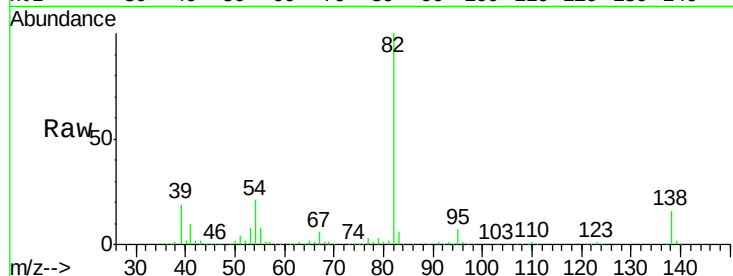
Tot Ion: 82 Resp: 676788

Ion Ratio Lower Upper

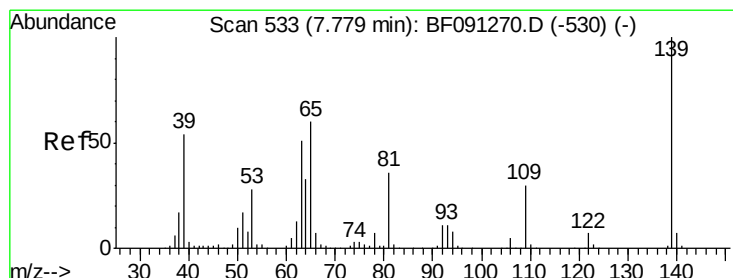
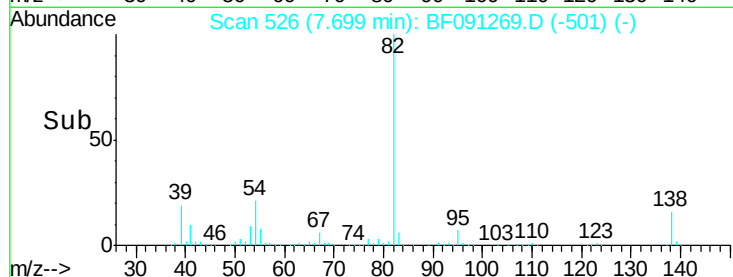
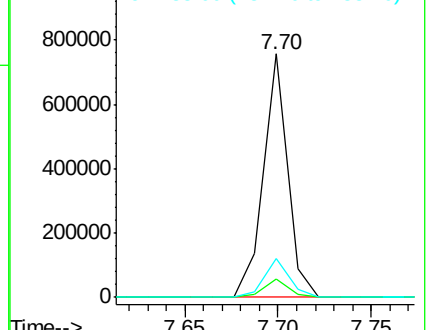
82 100

95 7.3 5.7 8.5

138 16.0 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 24.27 ng

RT: 7.78 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

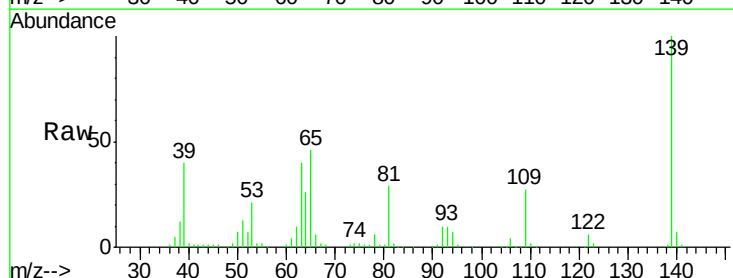
Tgt Ion: 139 Resp: 173200

Ion Ratio Lower Upper

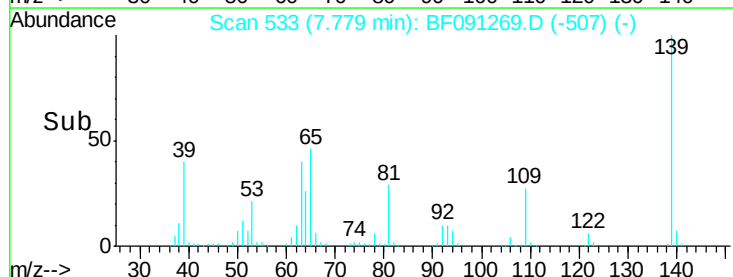
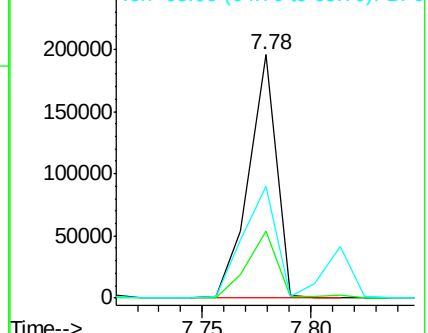
139 100

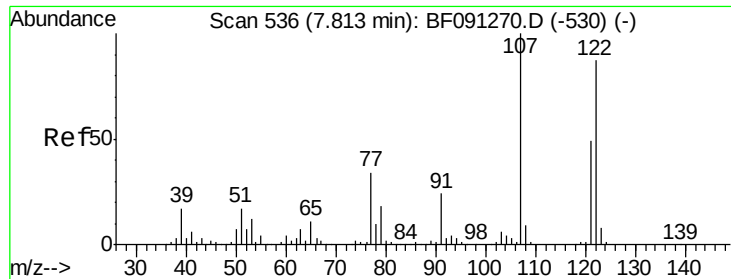
109 27.4 25.3 37.9

65 45.7 55.4 83.2#



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





#27

2,4-Dimethylphenol

Concen: 30.55 ng

RT: 7.81 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :

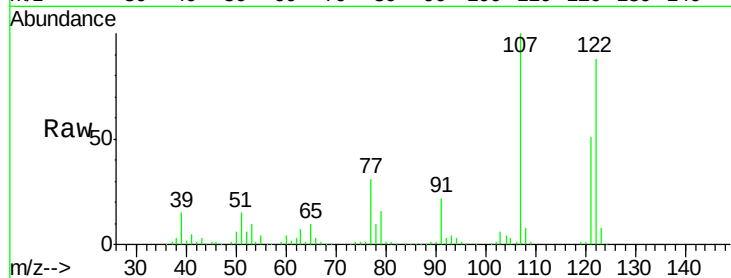
Tot Ion:122 Resp: 343538

Ion Ratio Lower Upper

122 100

107 113.2 96.8 145.2

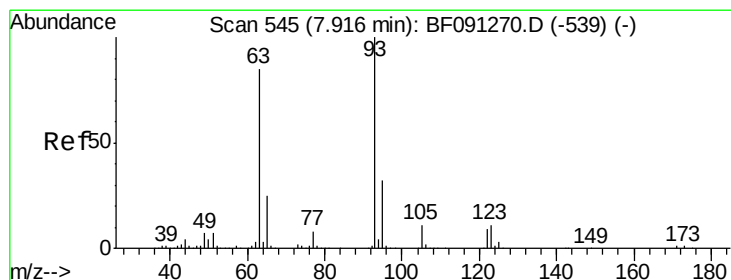
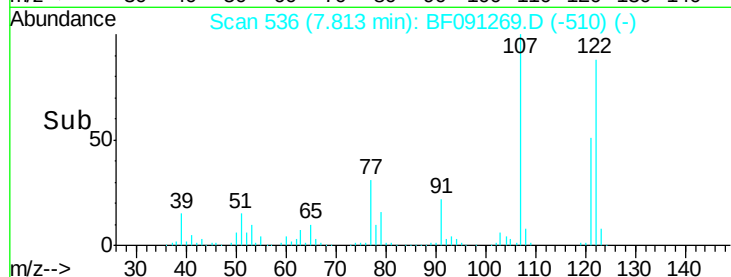
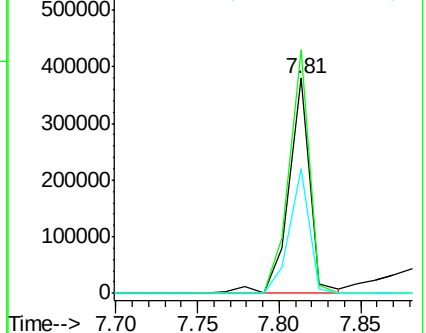
121 57.8 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 28.42 ng

RT: 7.92 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

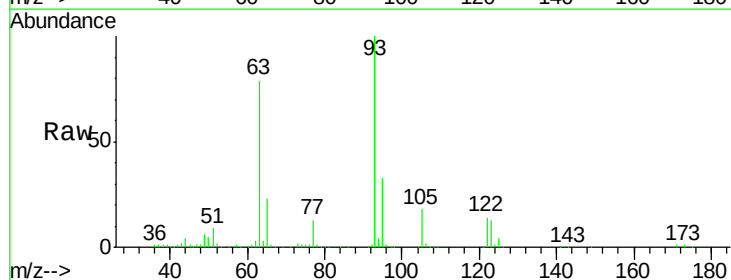
Tgt Ion: 93 Resp: 439776

Ion Ratio Lower Upper

93 100

95 33.2 26.0 39.0

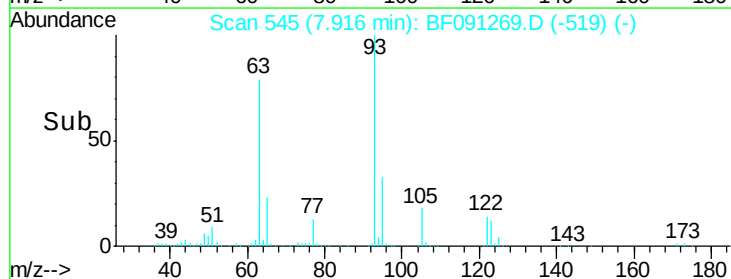
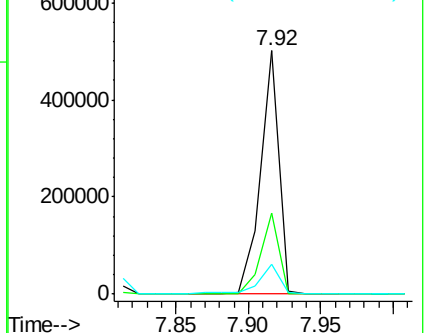
123 12.5 8.6 12.8

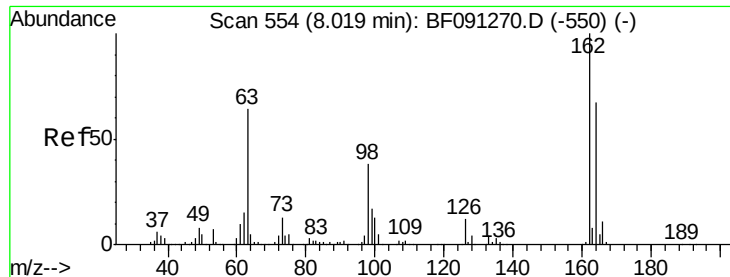


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

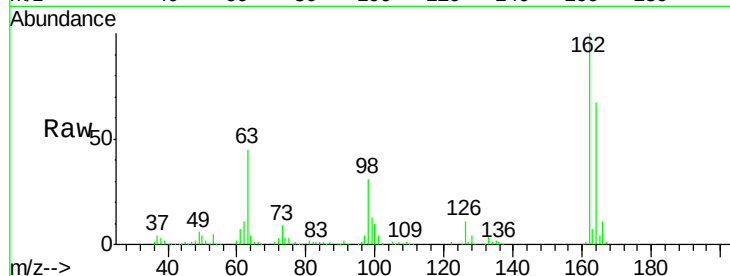




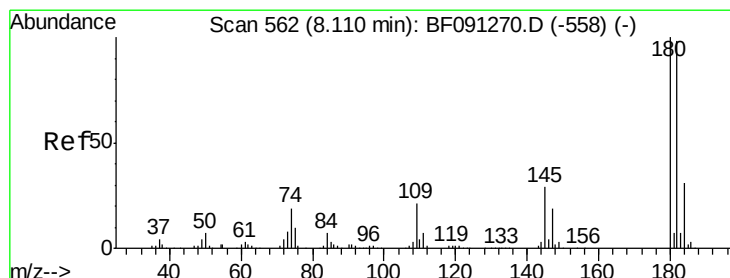
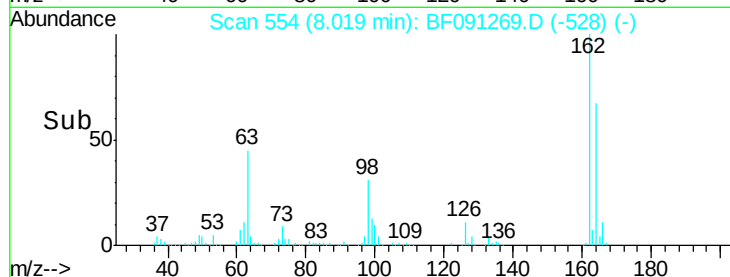
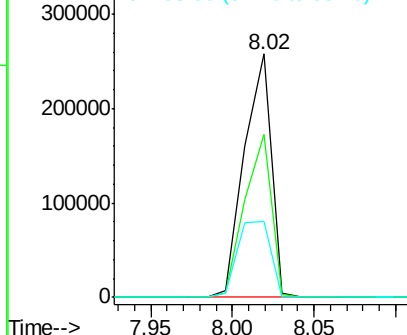
#29
2,4-Dichlorophenol
Concen: 26.40 ng
RT: 8.02 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	45.0	85.0
98	31.4	21.3	61.3

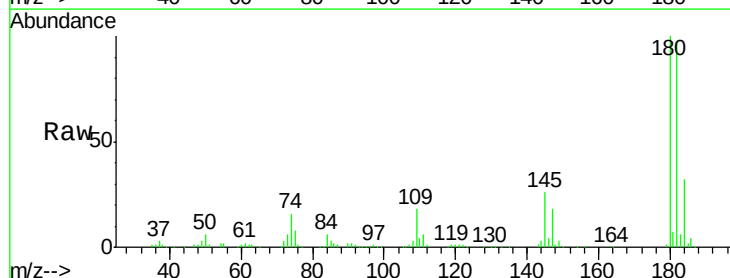


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

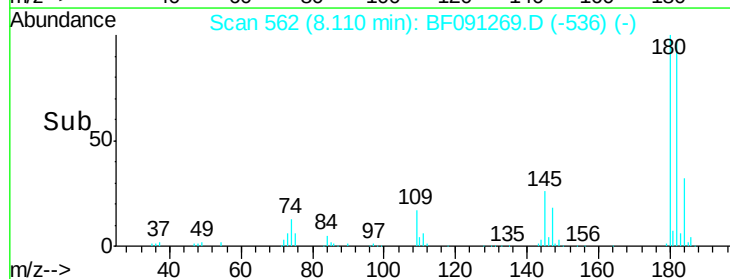
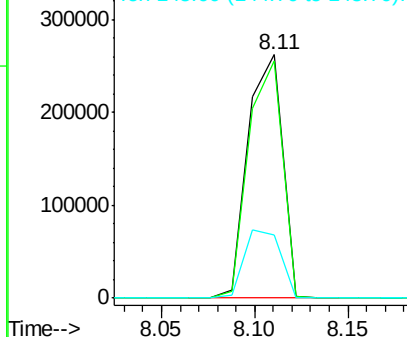


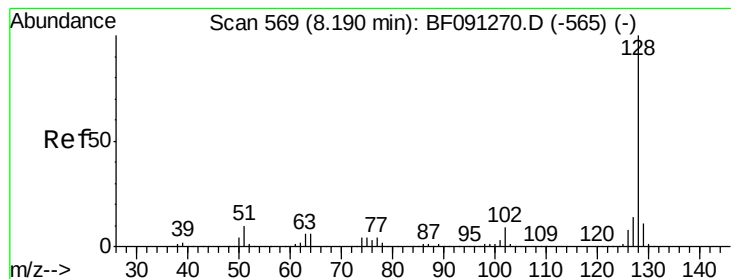
#30
1,2,4-Trichlorobenzene
Concen: 26.90 ng
RT: 8.11 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.8	113.8
145	25.9	27.0	40.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 27.24 ng

RT: 8.19 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :

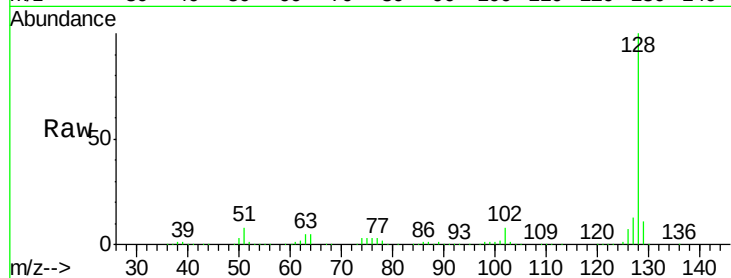
Tot Ion:128 Resp: 1053071

Ion Ratio Lower Upper

128 100

129 10.8 9.1 13.7

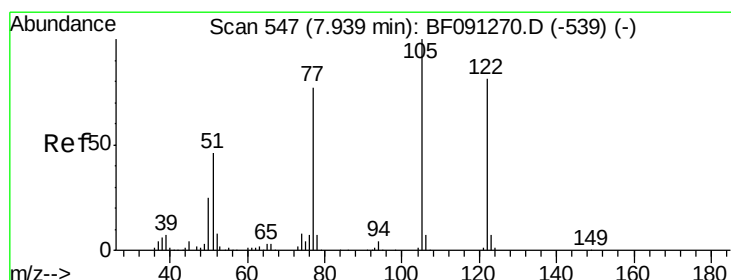
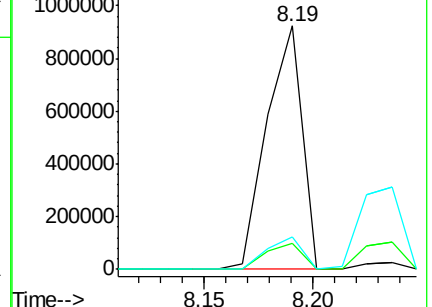
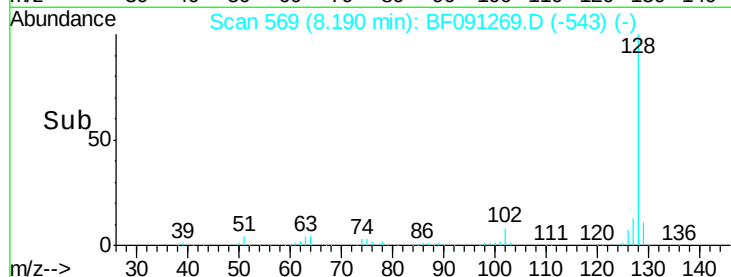
127 13.1 11.0 16.4



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: 32.73 ng

RT: 7.92 min Scan# 545

Delta R.T. -0.02 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

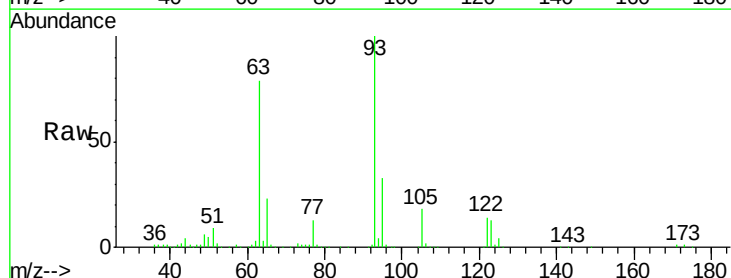
Tgt Ion:122 Resp: 251823

Ion Ratio Lower Upper

122 100

105 121.8 113.0 153.0

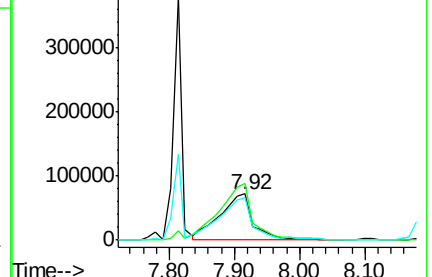
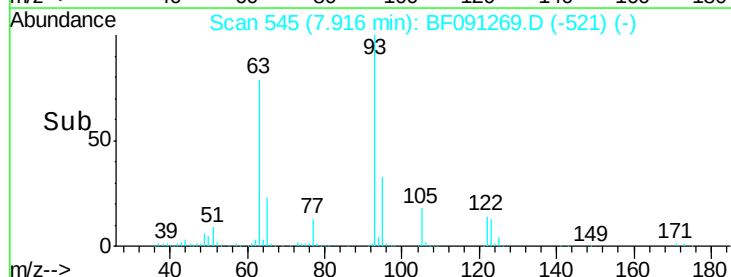
77 91.5 82.0 122.0

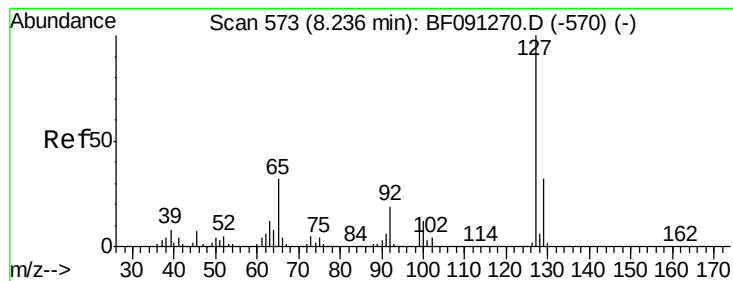


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 27.36 ng

RT: 8.24 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF091269.D

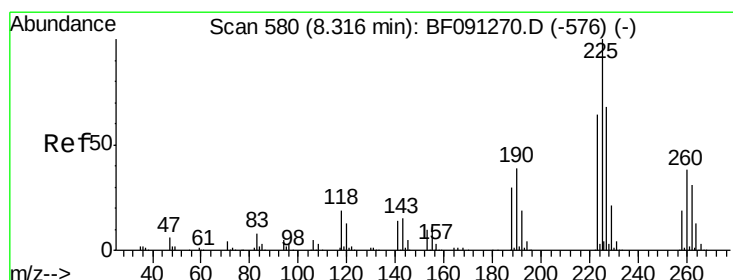
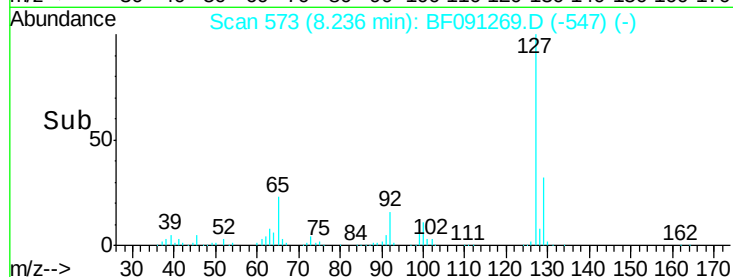
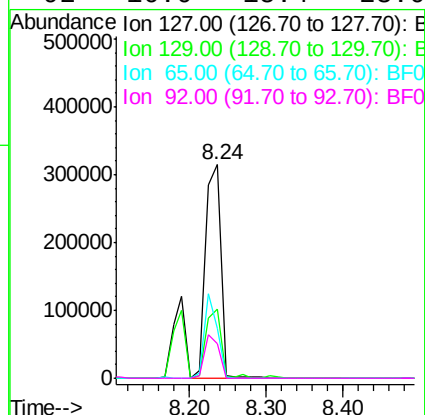
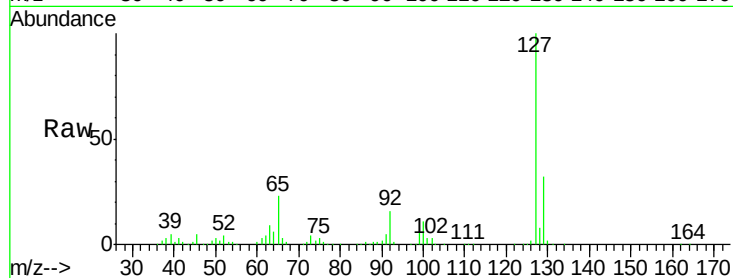
Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampled :

Tot Ion:	127	Resp:	428167
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	23.2	26.6	39.8#
92	16.0	15.4	23.0



#34

Hexachlorobutadiene

Concen: 26.23 ng

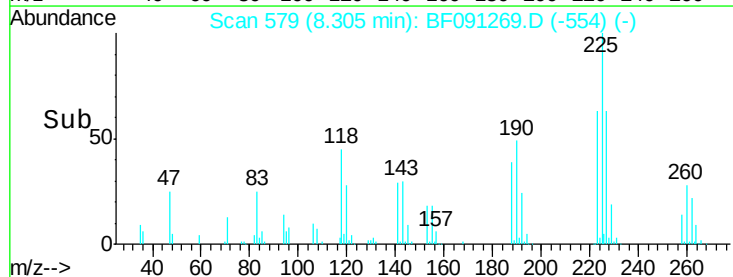
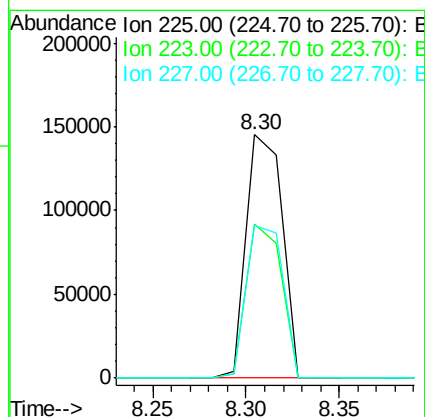
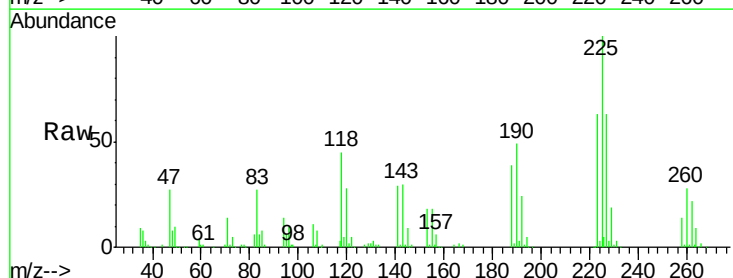
RT: 8.30 min Scan# 579

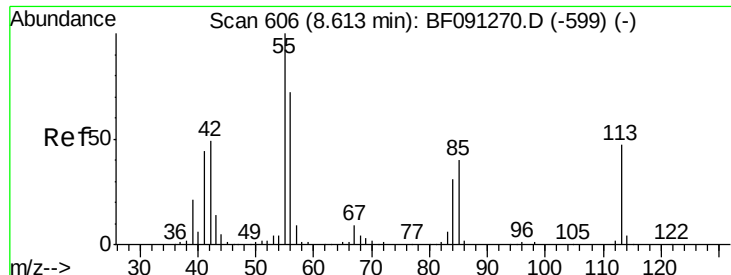
Delta R.T. -0.01 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Tgt Ion:	225	Resp:	194397
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.6
227	62.8	52.6	79.0

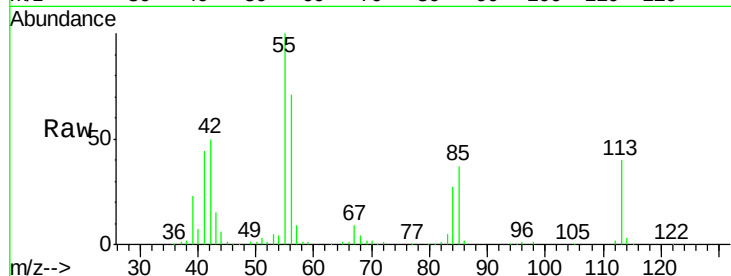




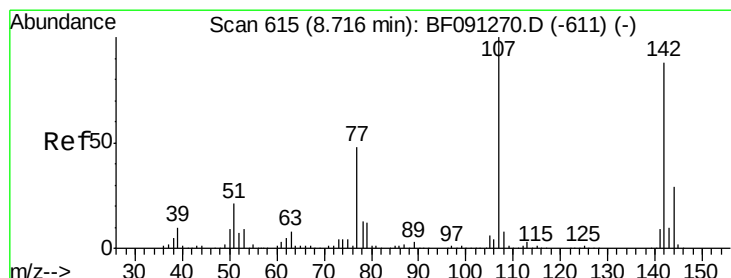
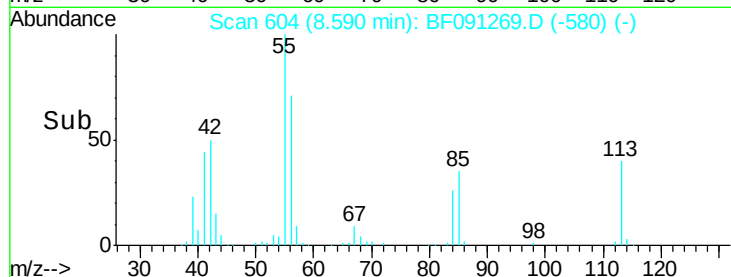
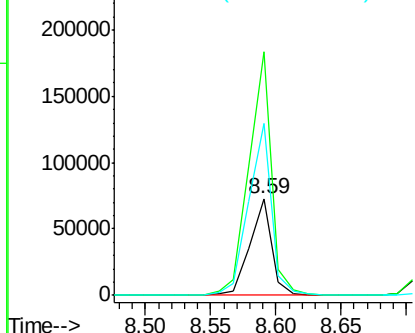
#35
Caprolactam
Concen: 27.12 ng
RT: 8.59 min Scan# 604
Delta R.T. -0.02 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 85467
Ion Ratio Lower Upper
113 100
55 251.6 239.8 279.8
56 178.0 165.6 205.6

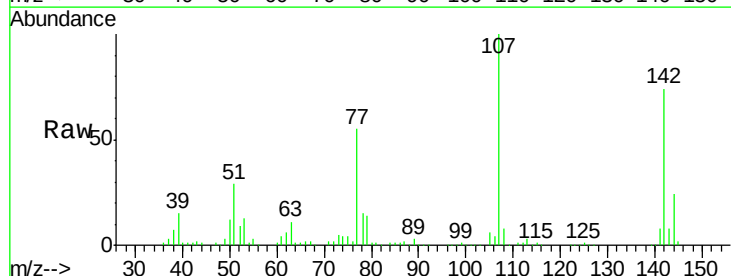


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

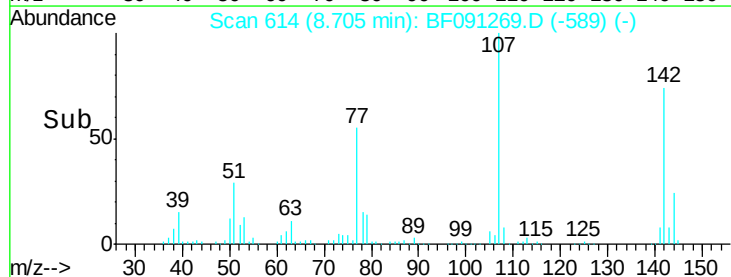
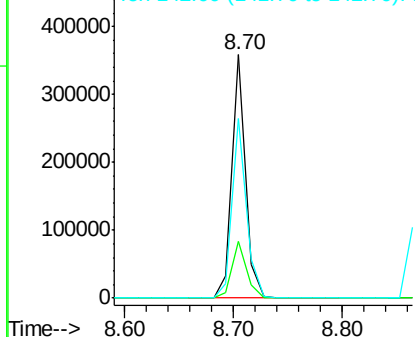


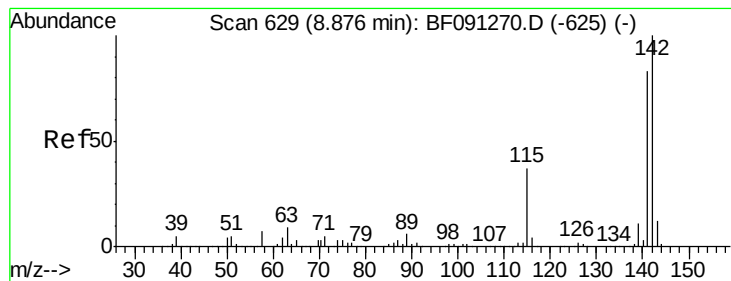
#36
4-Chloro-3-methylphenol
Concen: 25.01 ng
RT: 8.70 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion:107 Resp: 306702
Ion Ratio Lower Upper
107 100
144 23.5 18.9 28.3
142 73.9 58.5 87.7



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: 26.13 ng

RT: 8.88 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :

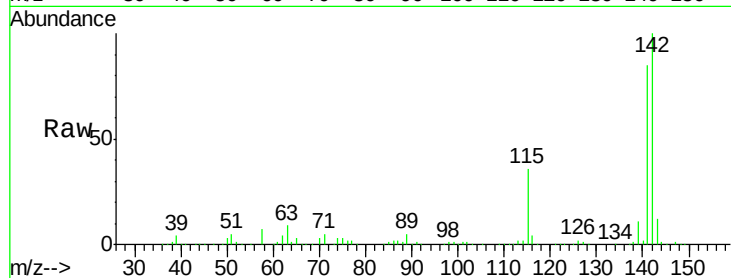
Tot Ion:142 Resp: 677292

Ion Ratio Lower Upper

142 100

141 84.7 71.7 107.5

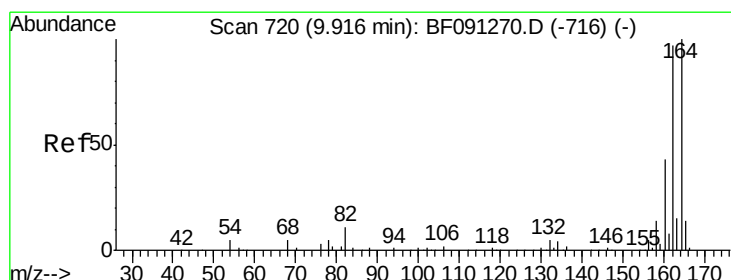
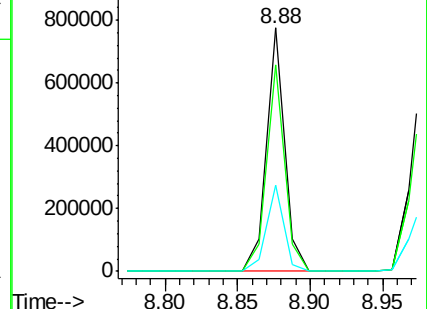
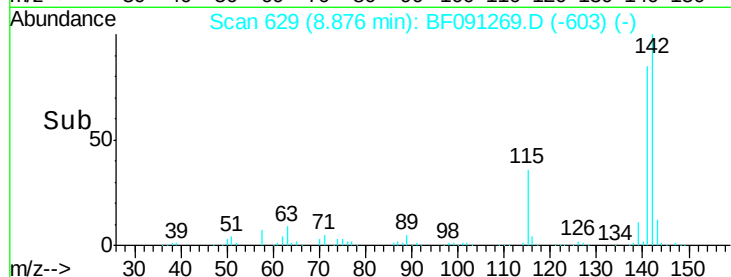
115 35.6 25.0 37.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

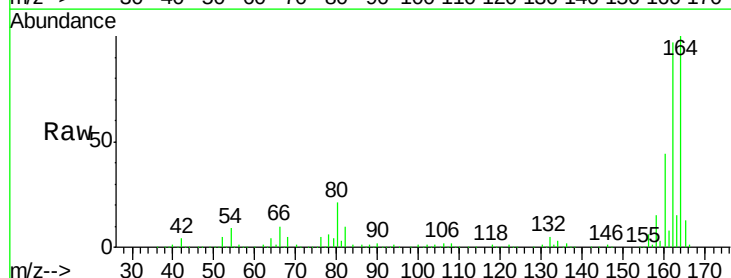
Tgt Ion:164 Resp: 433279

Ion Ratio Lower Upper

164 100

162 97.1 82.6 124.0

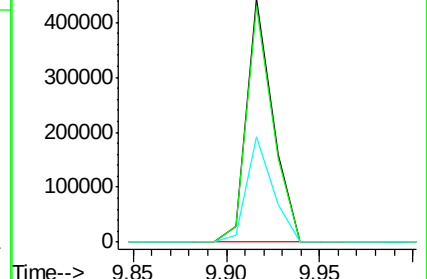
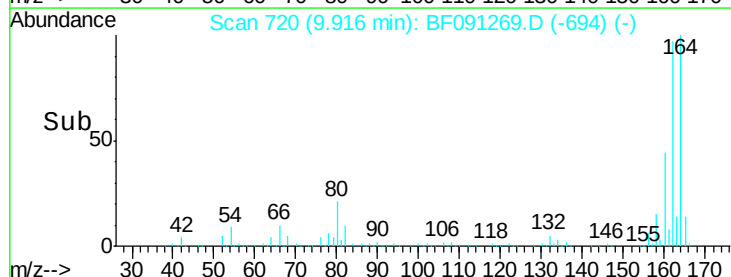
160 43.5 36.7 55.1

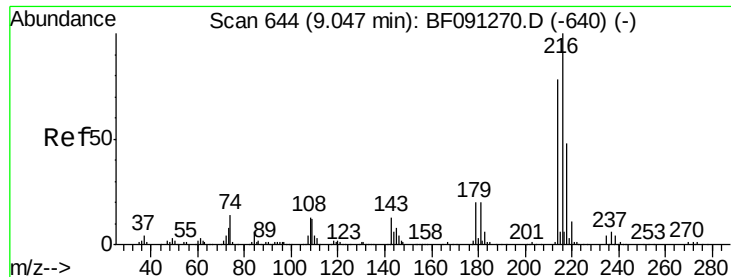


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.41 ng

RT: 9.05 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF091269.D

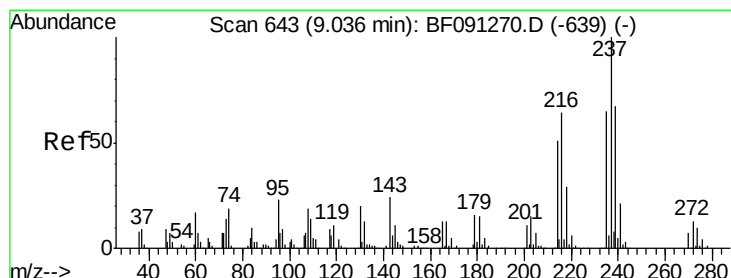
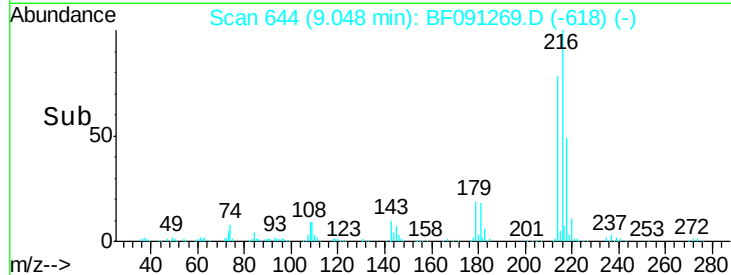
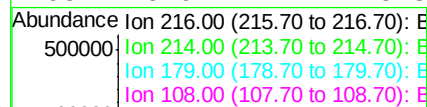
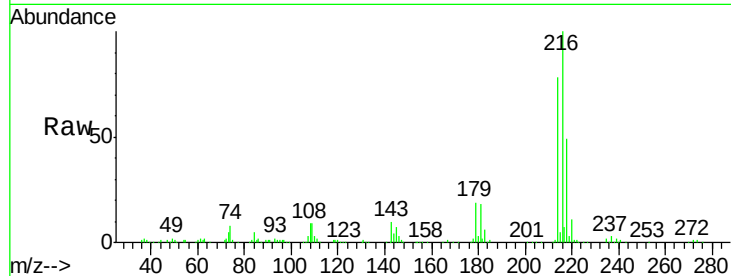
Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	334882
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.8
179	20.6	18.2	27.2
108	15.9	17.2	25.8#



#40

Hexachlorocyclopentadiene

Concen: 43.69 ng

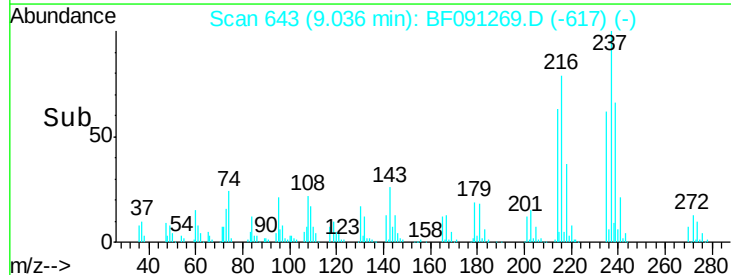
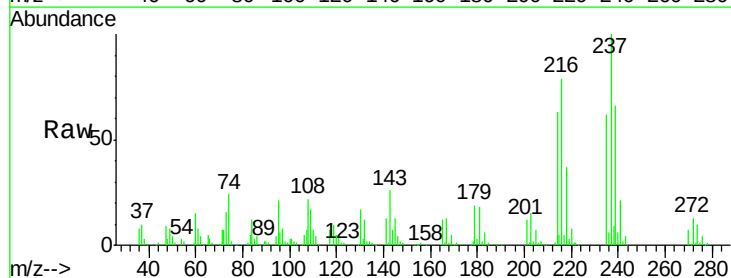
RT: 9.04 min Scan# 643

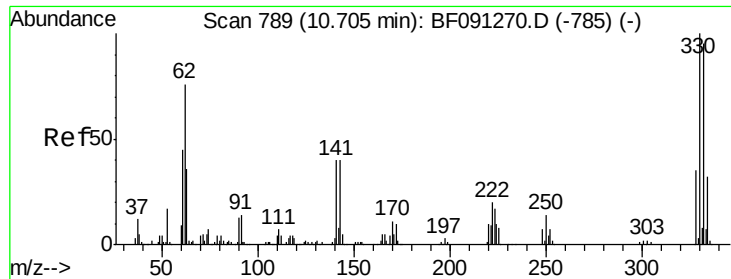
Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Tgt Ion:	237	Resp:	156758
Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.9	83.9
272	12.8	0.0	33.1

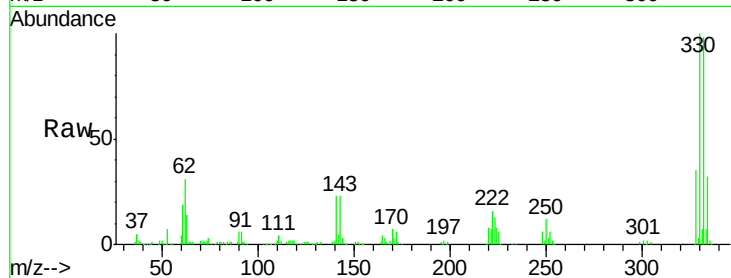




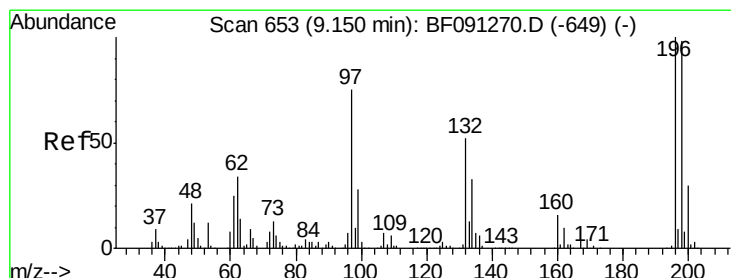
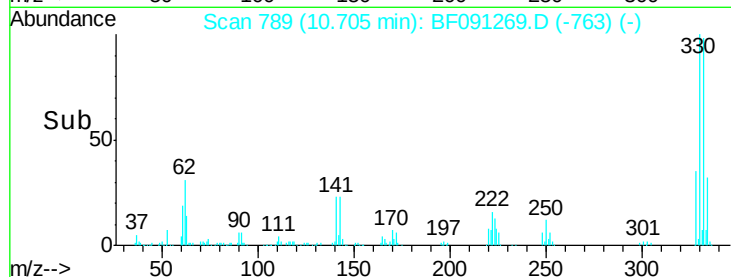
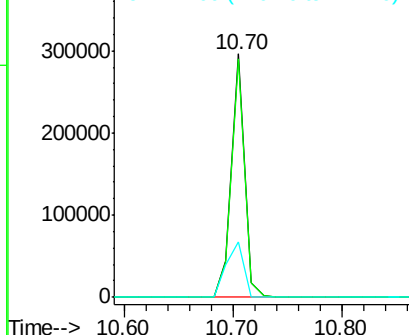
#41
 2,4,6-Tribromophenol
 Concen: 61.40 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.2	114.4
141	30.2	33.6	50.4

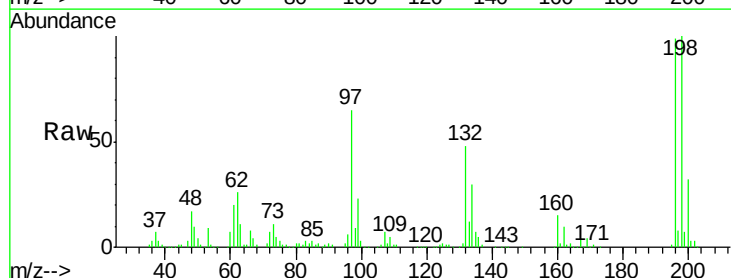


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

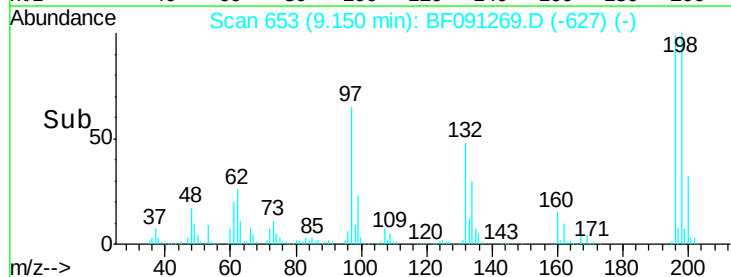
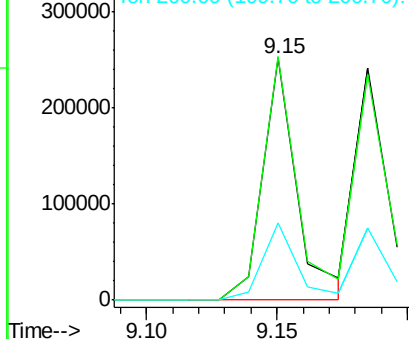


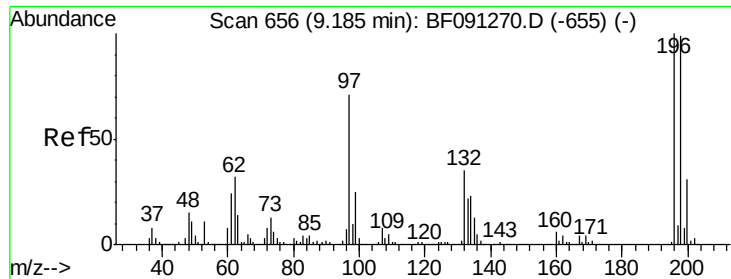
#42
 2,4,6-Trichlorophenol
 Concen: 30.91 ng
 RT: 9.15 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.6	77.4	116.0
200	31.8	25.2	37.8



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

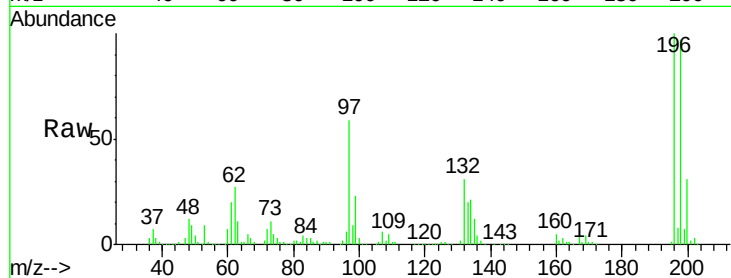




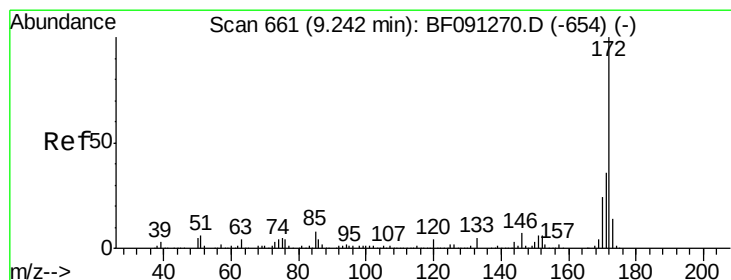
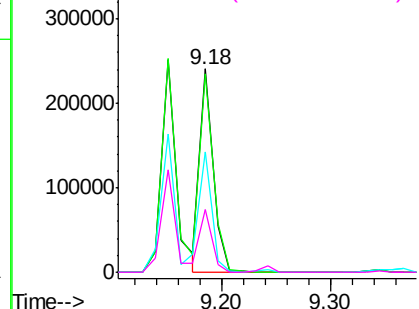
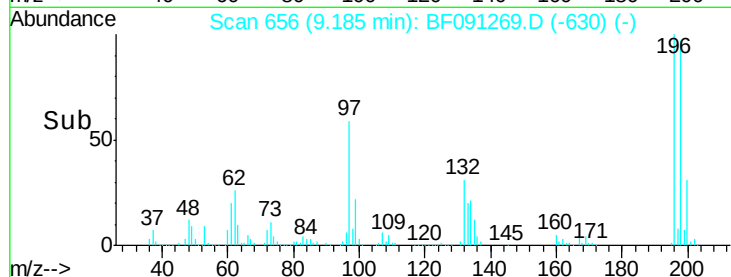
#43
 2,4,5-Trichlorophenol
 Concen: 26.59 ng
 RT: 9.18 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	77.0	115.6
97	59.2	33.5	50.3
132	31.0	20.5	30.7

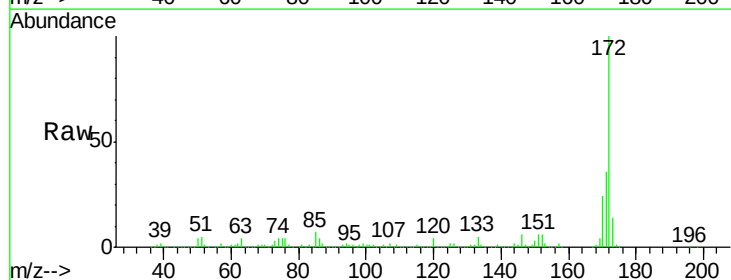


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

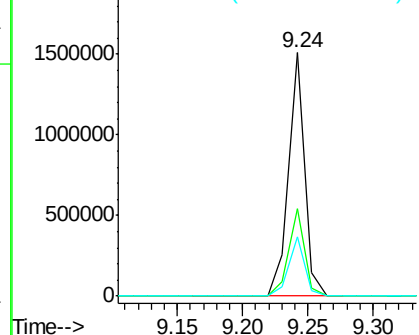
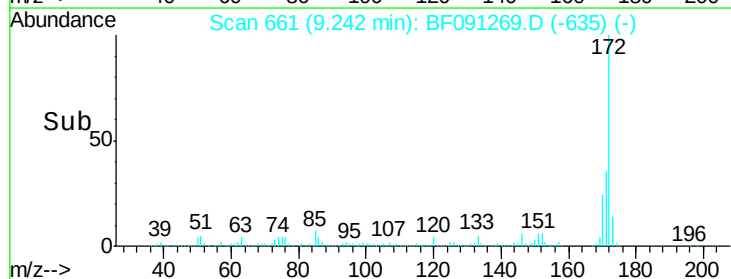


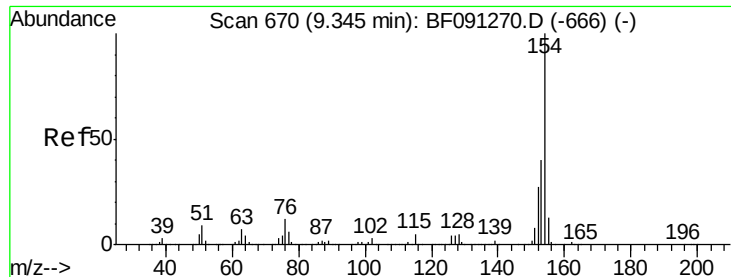
#44
 2-Fluorobiphenyl
 Concen: 52.98 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.1	19.7	29.5



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

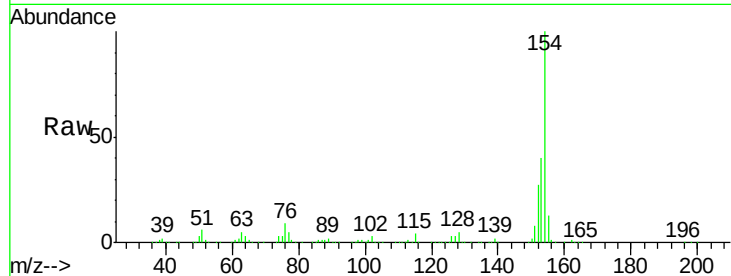




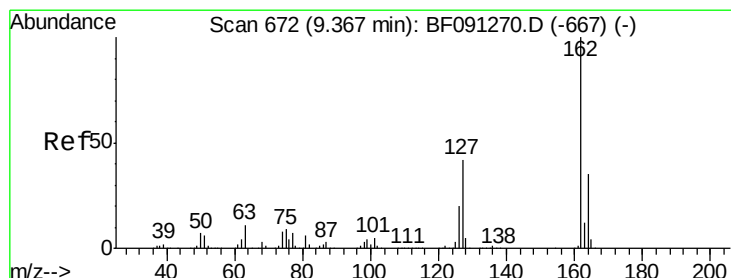
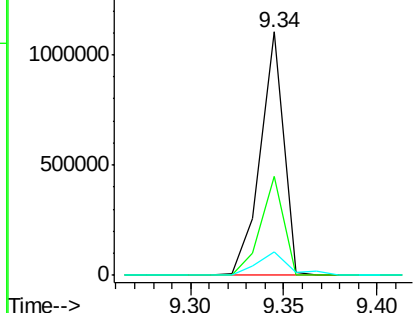
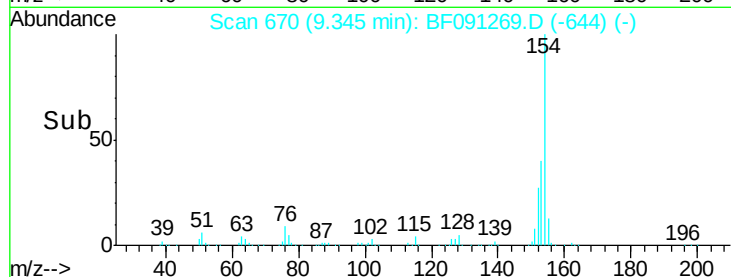
#45
 1,1'-Biphenyl
 Concen: 28.57 ng
 RT: 9.34 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 943974
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.6 60.6
 76 9.4 0.0 36.6

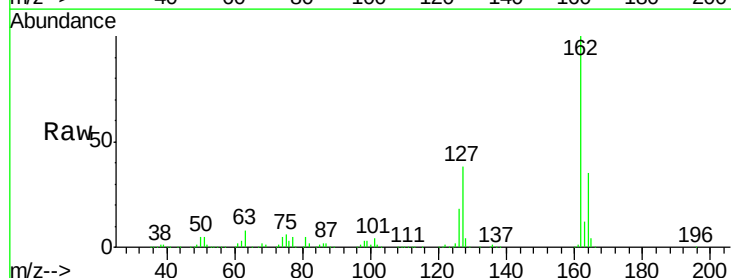


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

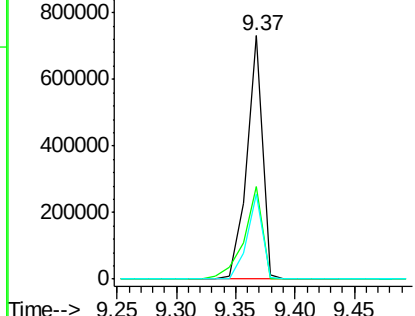
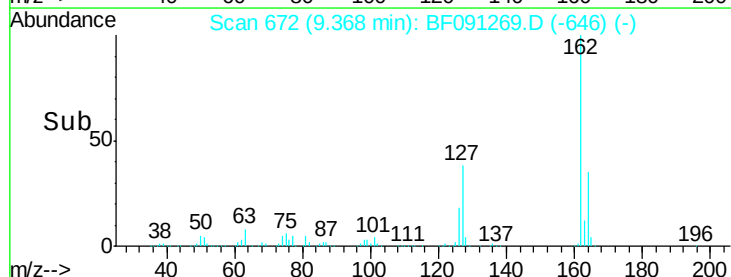


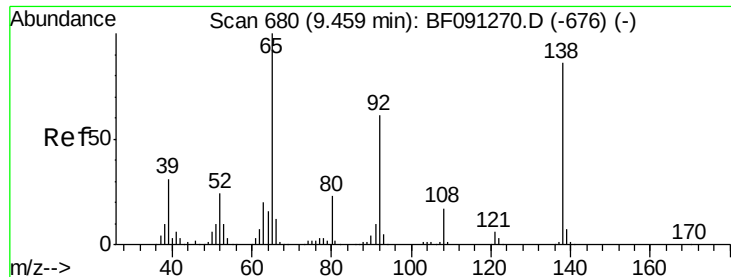
#46
 2-Chloronaphthalene
 Concen: 27.40 ng
 RT: 9.37 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

Tgt Ion:162 Resp: 673499
 Ion Ratio Lower Upper
 162 100
 127 38.2 34.3 51.5
 164 34.7 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

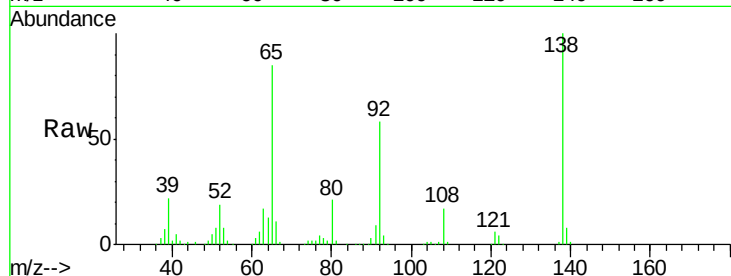




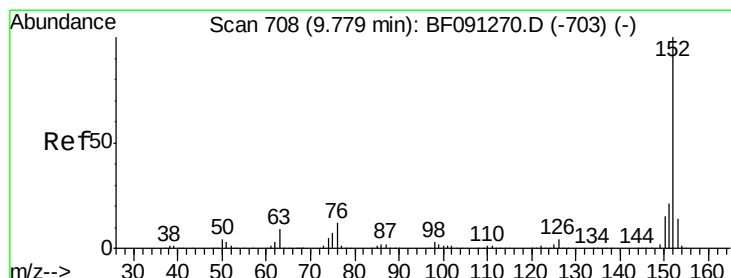
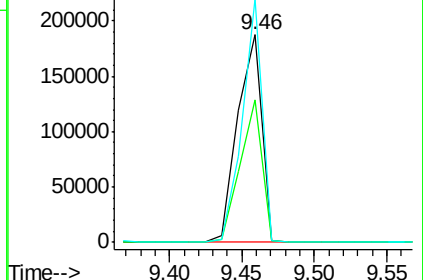
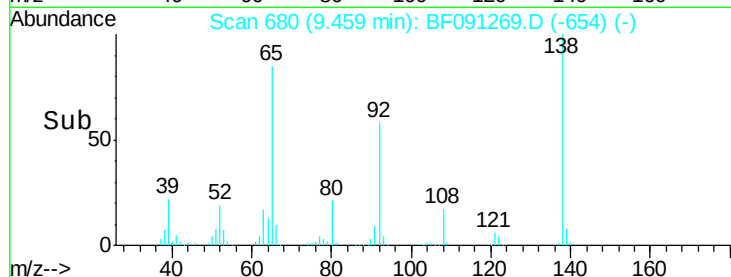
#47
2-Nitroaniline
Concen: 23.74 ng
RT: 9.46 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 216555
Ion Ratio Lower Upper
65 100
92 68.6 53.6 80.4
138 117.3 91.0 136.6

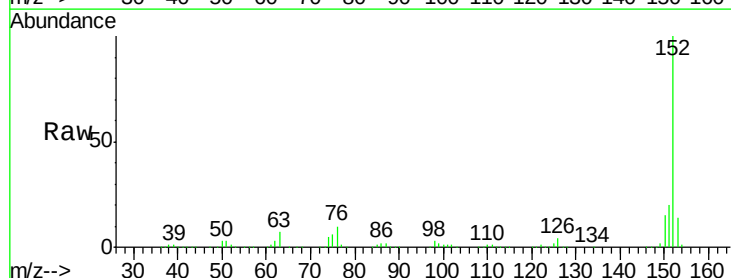


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

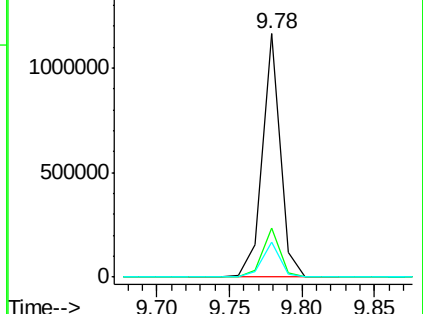
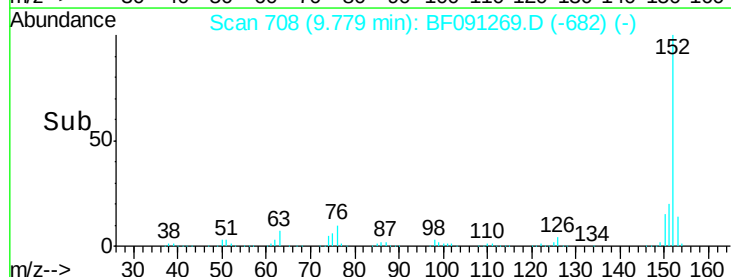


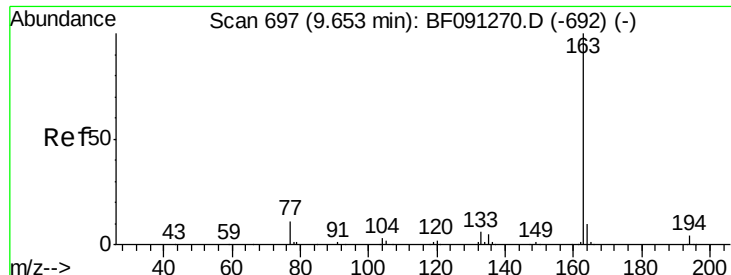
#48
Acenaphthylene
Concen: 26.77 ng
RT: 9.78 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion: 152 Resp: 990649
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 14.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

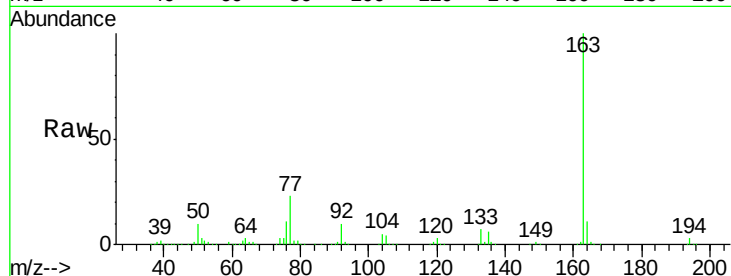




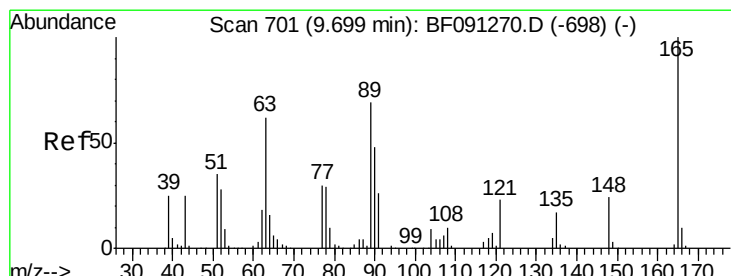
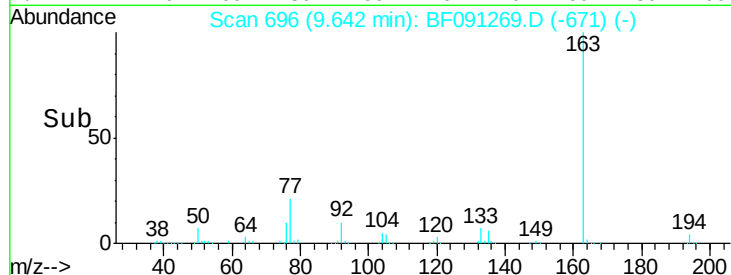
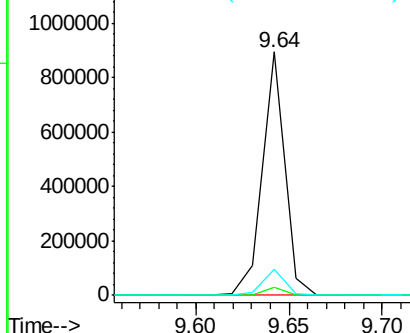
#49
Dimethylphthalate
Concen: 25.36 ng
RT: 9.64 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 733145
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.8 7.8 11.8

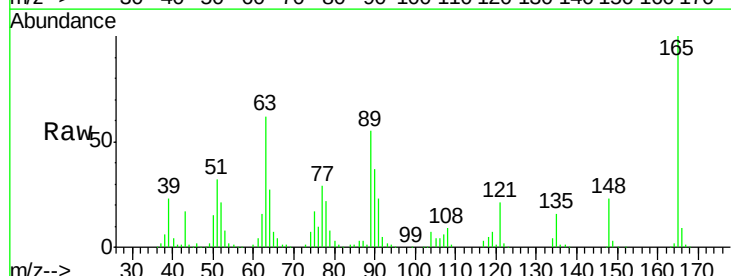


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

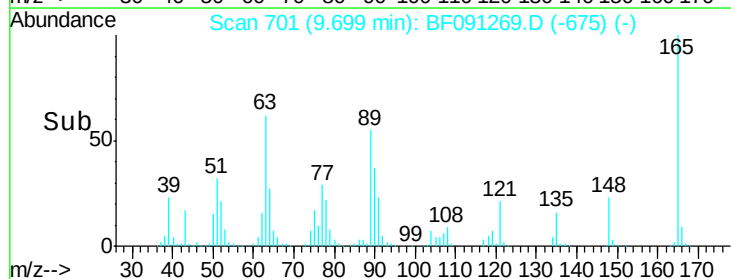
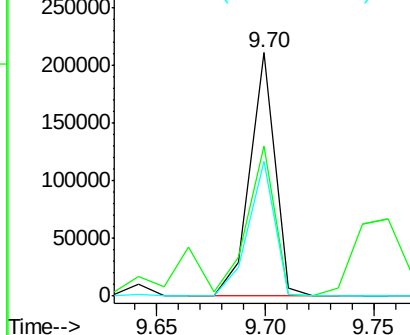


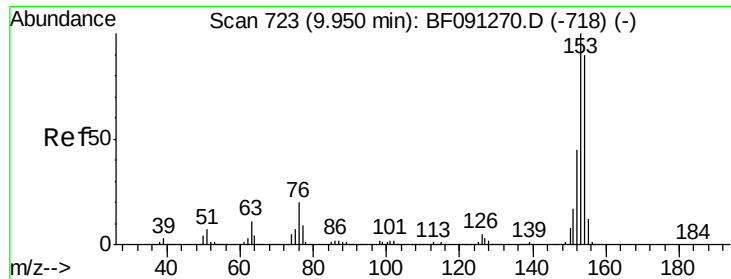
#50
2,6-Dinitrotoluene
Concen: 27.41 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion:165 Resp: 169853
Ion Ratio Lower Upper
165 100
63 61.5 59.4 89.0
89 55.1 50.8 76.2



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





#51

Acenaphthene

Concen: 27.75 ng

RT: 9.95 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :

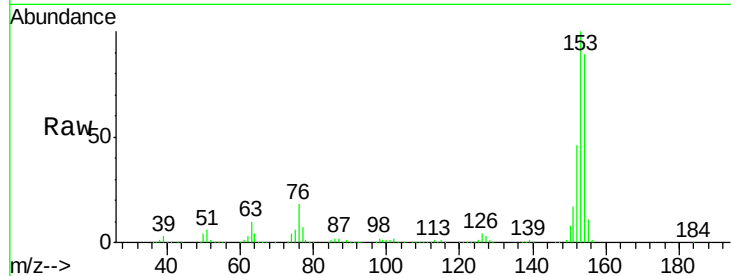
Tot Ion:154 Resp: 636554

Ion Ratio Lower Upper

154 100

153 112.3 91.0 136.6

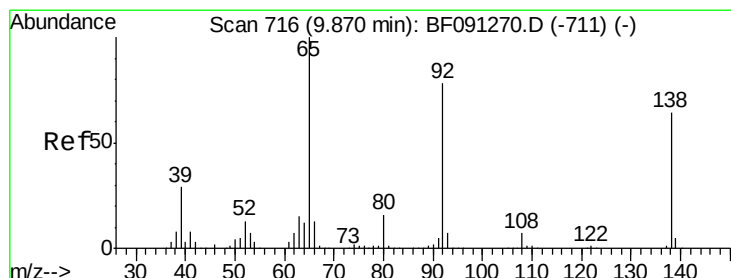
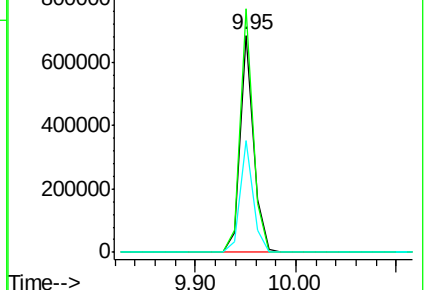
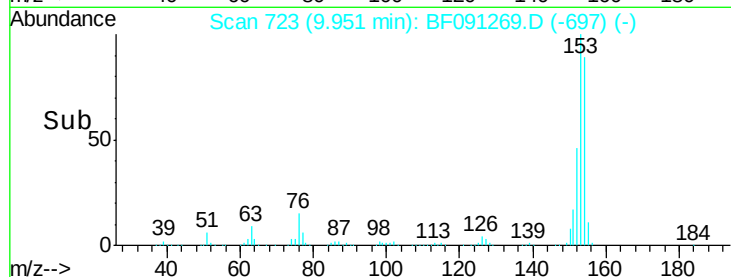
152 51.4 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.04 ng

RT: 9.86 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

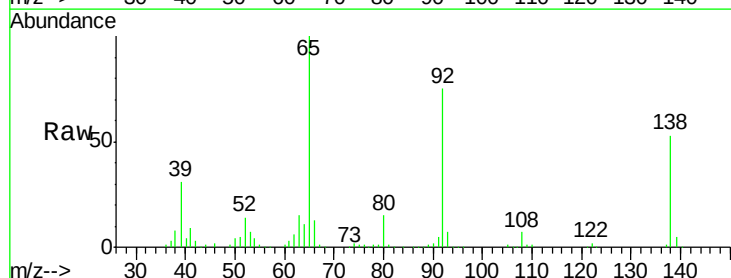
Tgt Ion:138 Resp: 165431

Ion Ratio Lower Upper

138 100

108 13.2 8.1 12.1#

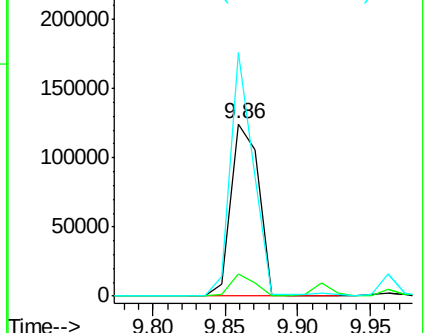
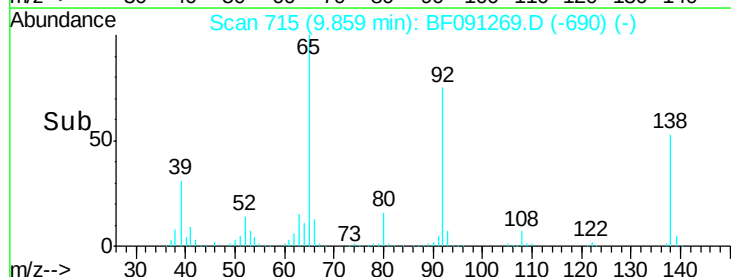
92 141.4 92.5 138.7#

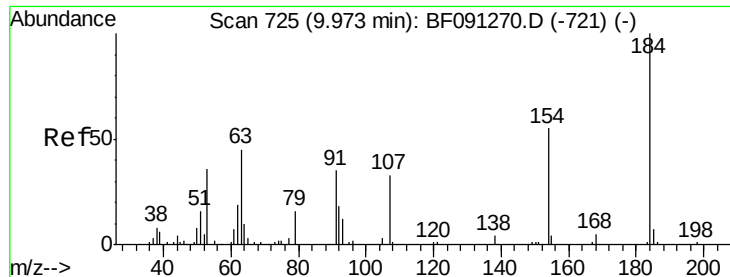


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

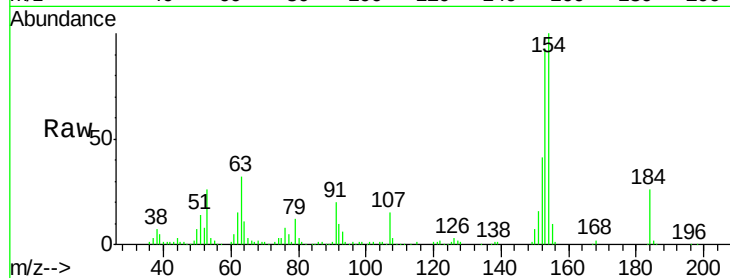




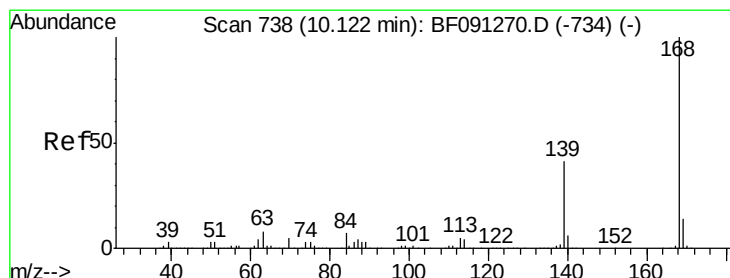
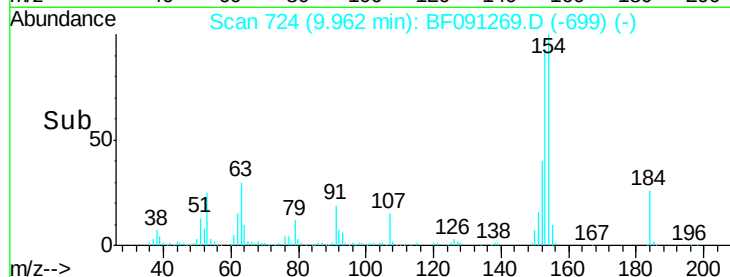
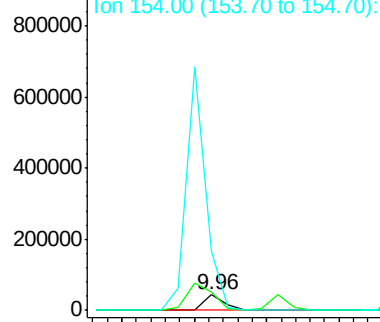
#53
2,4-Dinitrophenol
Concen: 16.53 ng
RT: 9.96 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 41158
Ion Ratio Lower Upper
184 100
63 123.8 58.3 87.5#
154 388.7 48.6 73.0#

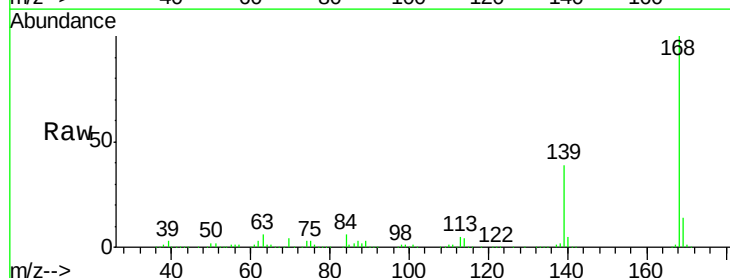


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

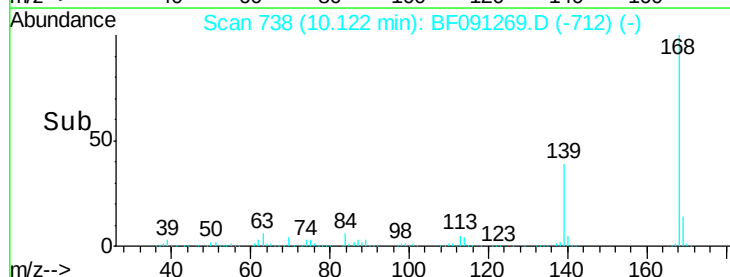
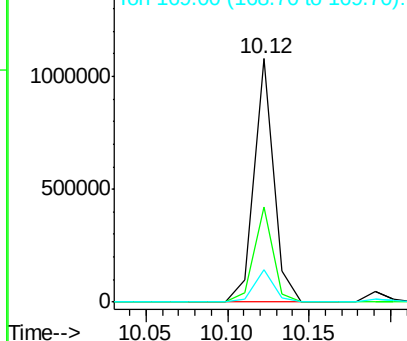


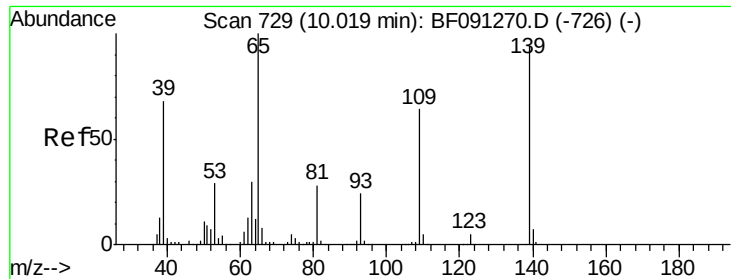
#54
Dibenzofuran
Concen: 28.16 ng
RT: 10.12 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion:168 Resp: 899611
Ion Ratio Lower Upper
168 100
139 38.9 33.4 50.2
169 13.5 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

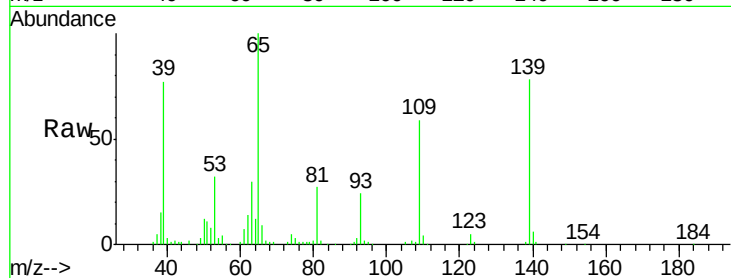




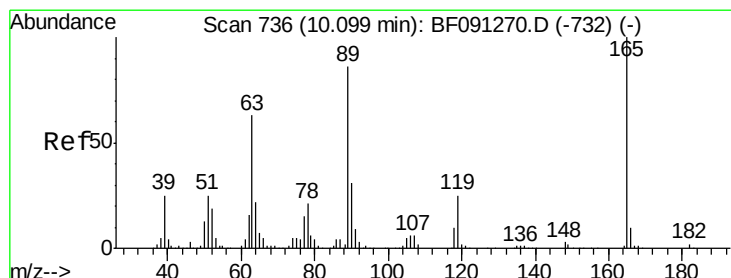
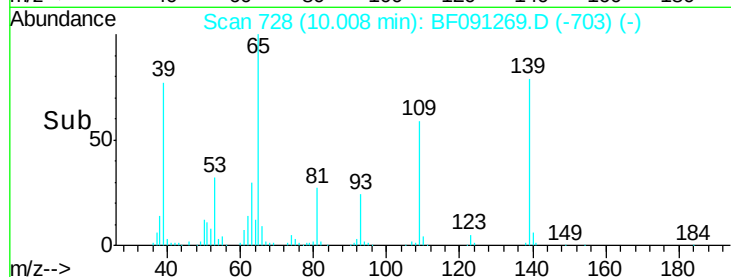
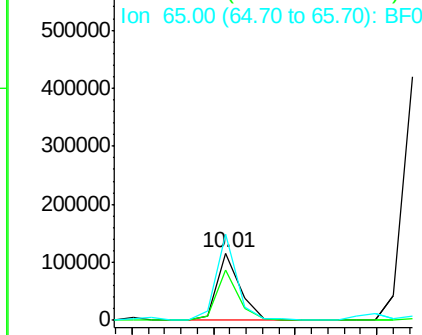
#55
4-Nitrophenol
Concen: 39.28 ng
RT: 10.01 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 115610
Ion Ratio Lower Upper
139 100
109 75.6 54.9 94.9
65 127.7 102.2 142.2

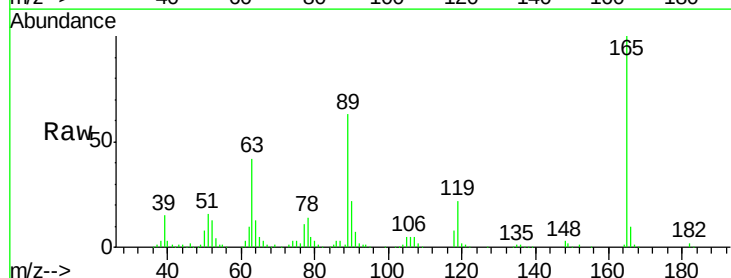


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

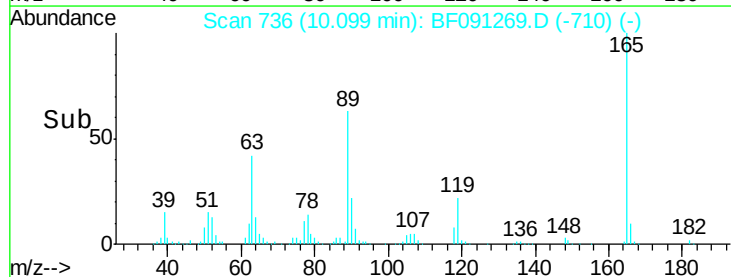
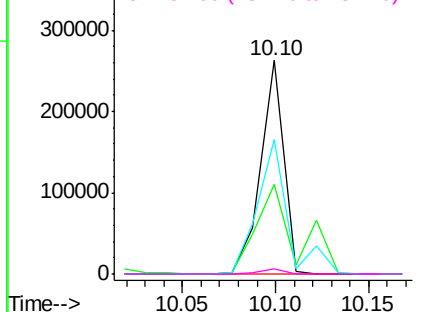


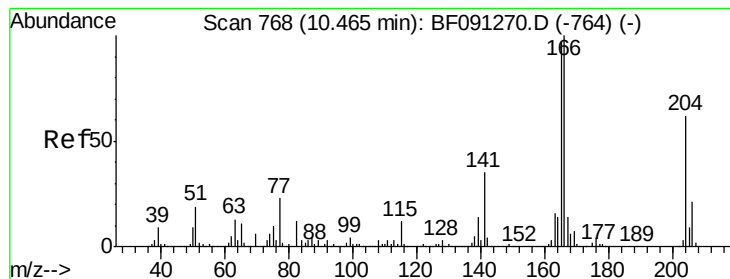
#56
2,4-Dinitrotoluene
Concen: 28.48 ng
RT: 10.10 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion:165 Resp: 222235
Ion Ratio Lower Upper
165 100
63 41.9 29.0 43.4
89 63.2 43.1 64.7
182 2.2 1.9 2.9



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





#57

Fluorene

Concen: 26.87 ng

RT: 10.46 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :

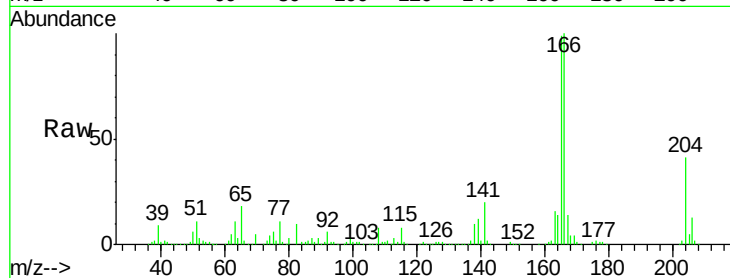
Tot Ion:166 Resp: 694969

Ion Ratio Lower Upper

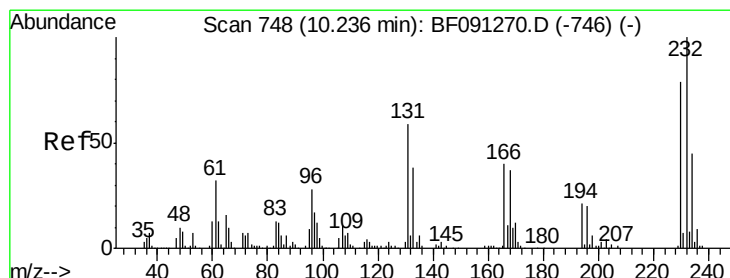
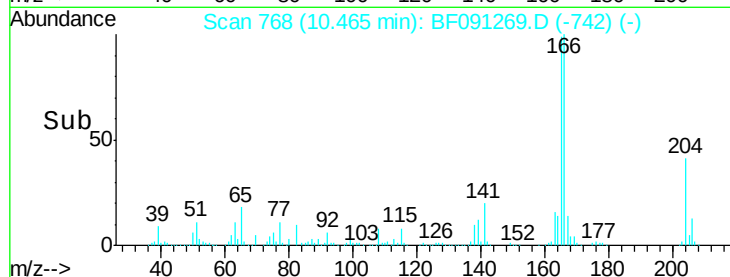
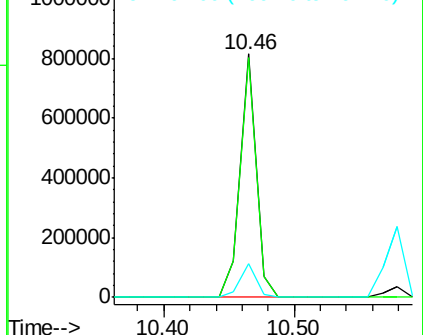
166 100

165 98.6 80.0 120.0

167 14.0 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: 29.64 ng

RT: 10.24 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Tgt Ion:232 Resp: 194397

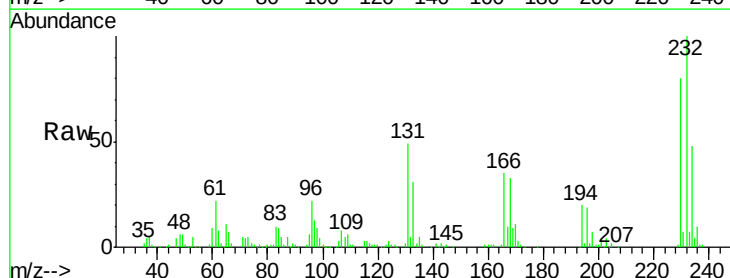
Ion Ratio Lower Upper

232 100

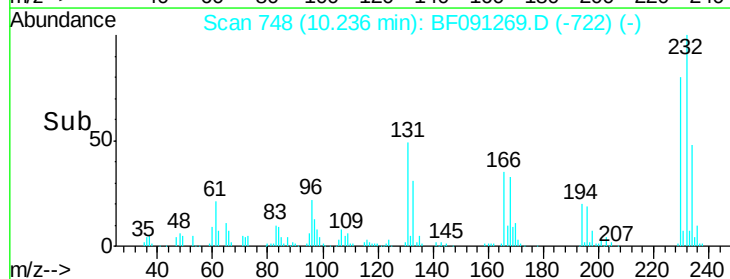
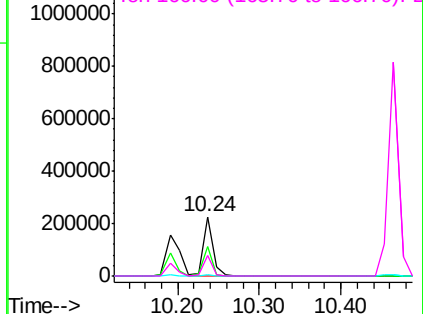
131 46.7 38.4 57.6

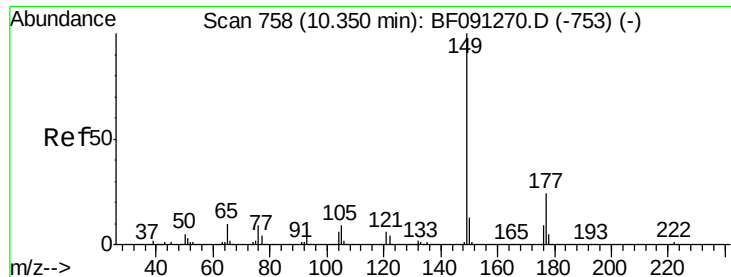
130 2.2 1.8 2.8

166 32.9 23.9 35.9



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

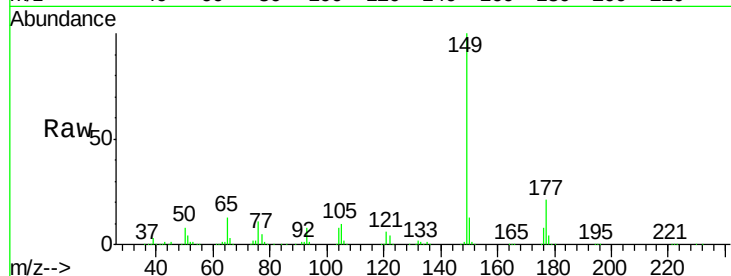




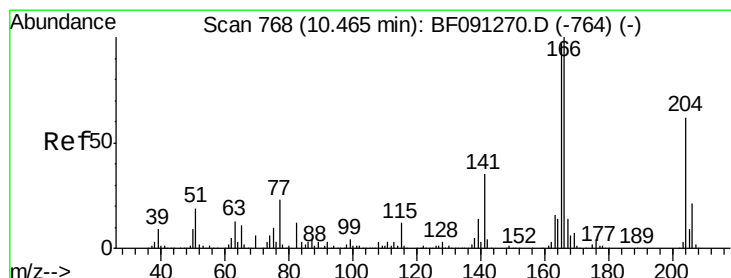
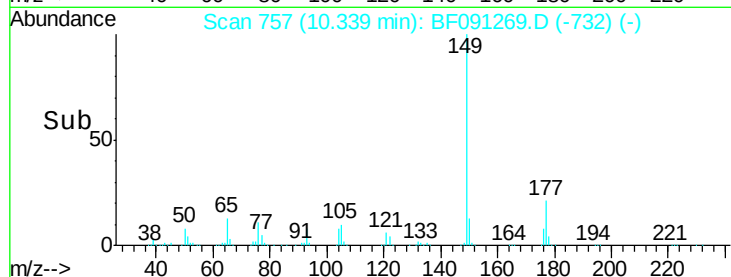
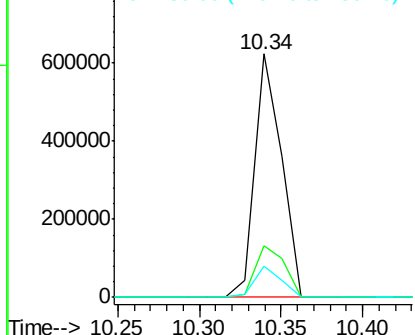
#59
Diethylphthalate
Concen: 25.31 ng
RT: 10.34 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 709381
Ion Ratio Lower Upper
149 100
177 21.0 15.7 23.5
150 12.9 10.2 15.2

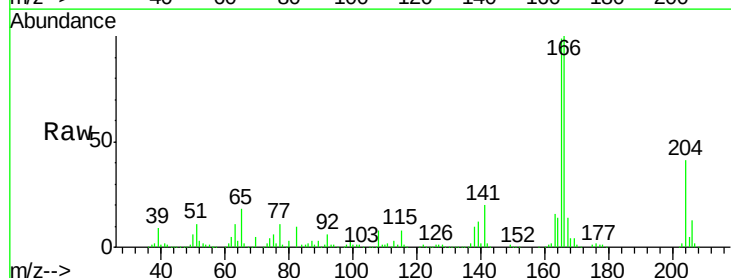


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

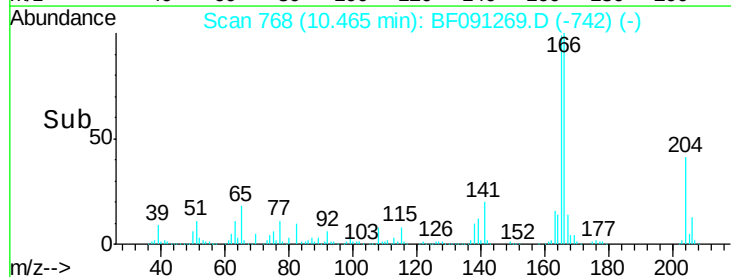
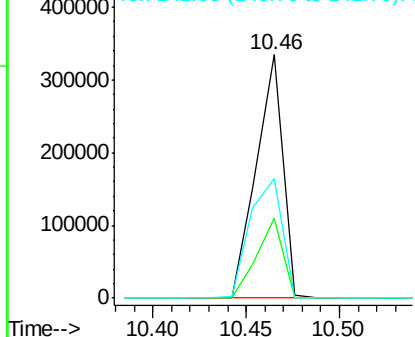


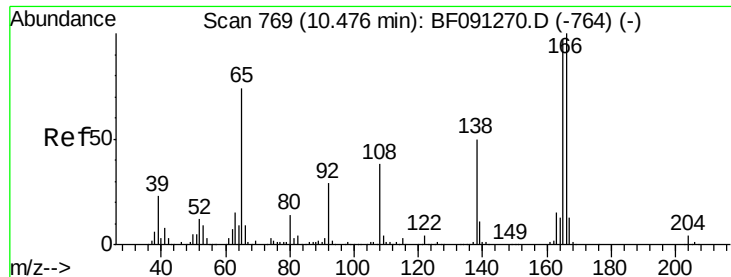
#60
4-Chlorophenyl-phenylether
Concen: 27.70 ng
RT: 10.46 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion:204 Resp: 336348
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 49.1 40.6 61.0



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

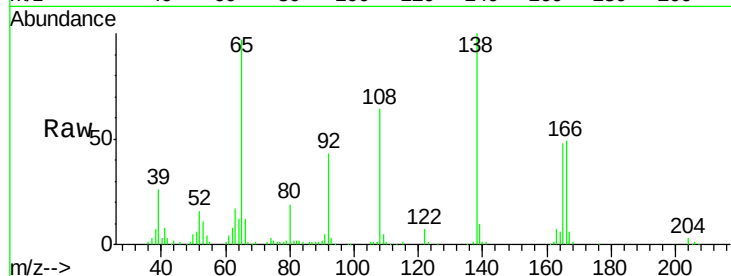




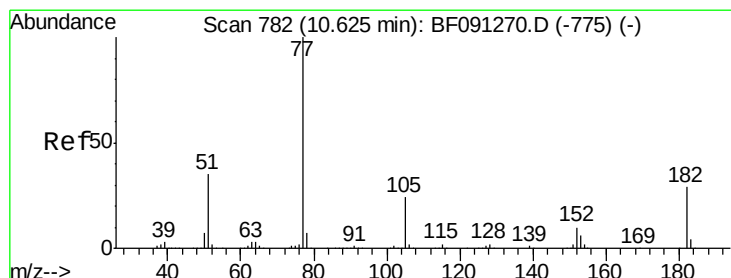
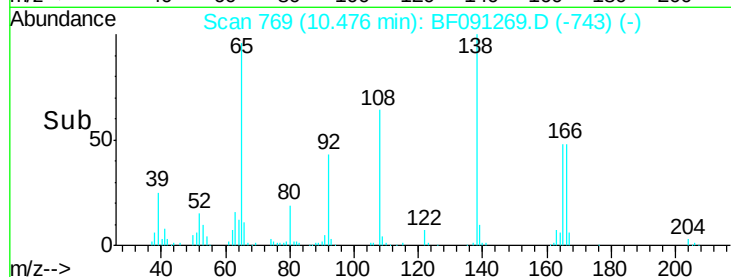
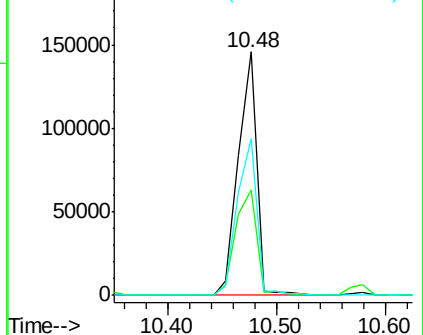
#61
4-Nitroaniline
Concen: 24.81 ng
RT: 10.48 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 168893
Ion Ratio Lower Upper
138 100
92 43.5 26.9 66.9
108 64.4 49.1 89.1

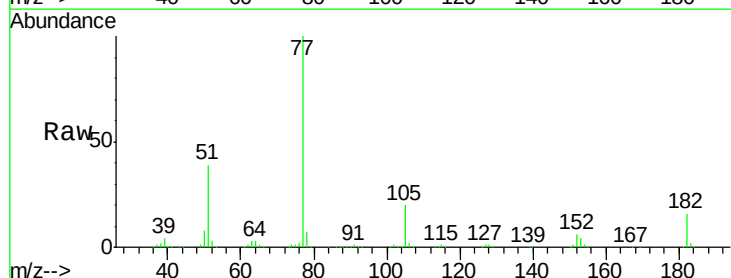


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

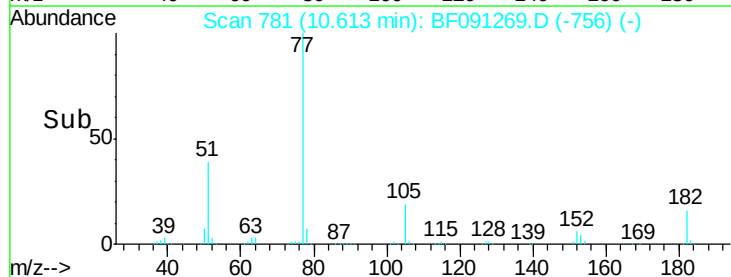
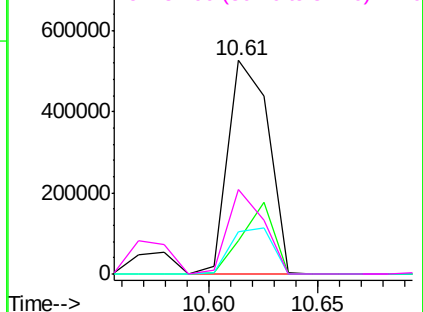


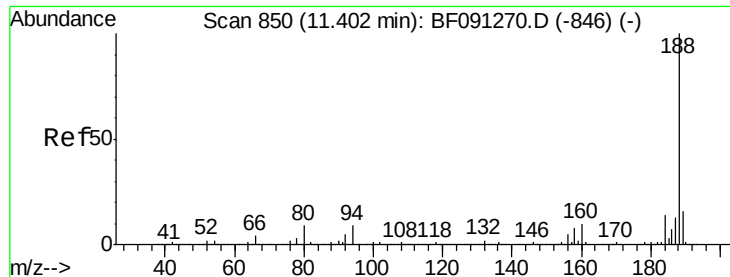
#62
Azobenzene
Concen: 20.35 ng
RT: 10.61 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion: 77 Resp: 678060
Ion Ratio Lower Upper
77 100
182 15.8 12.5 52.5
105 20.1 3.7 43.7
51 39.4 11.9 51.9



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

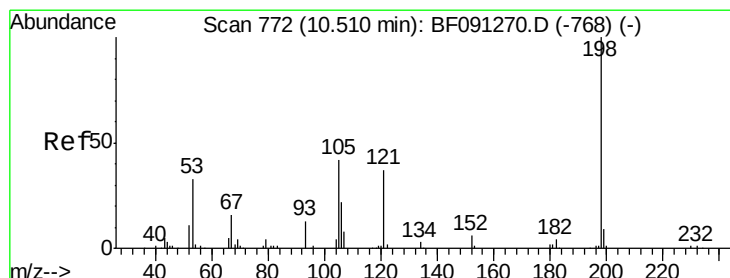
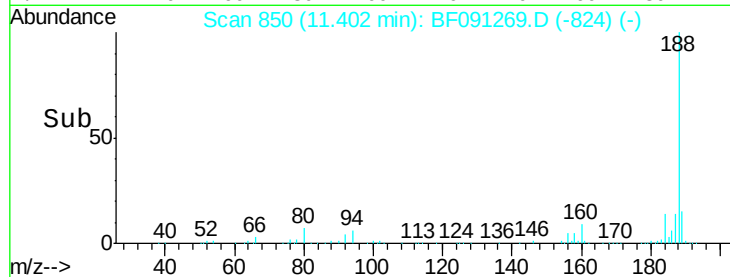
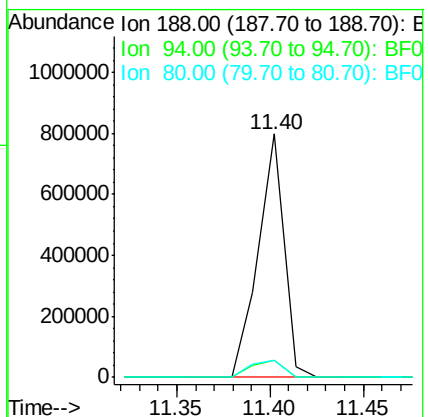
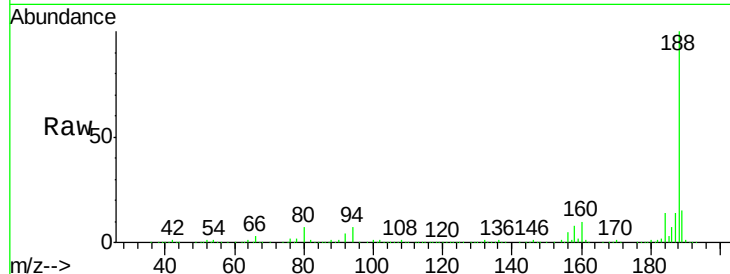




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

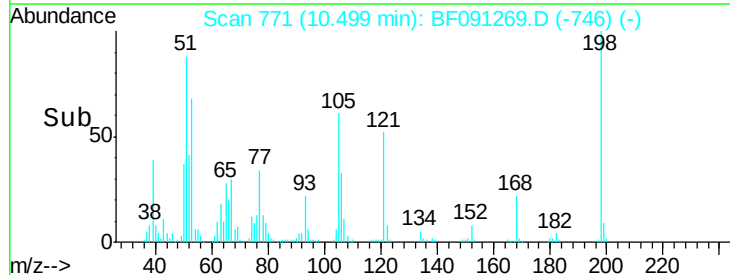
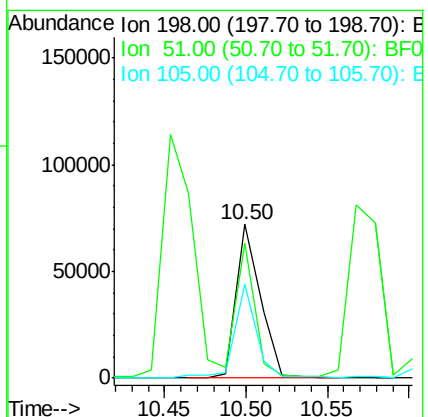
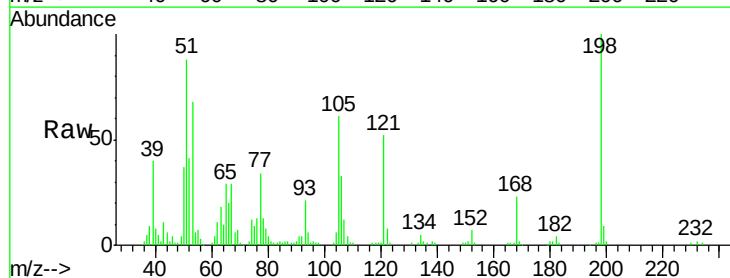
Instrument :
BNA_F
ClientSampleId :

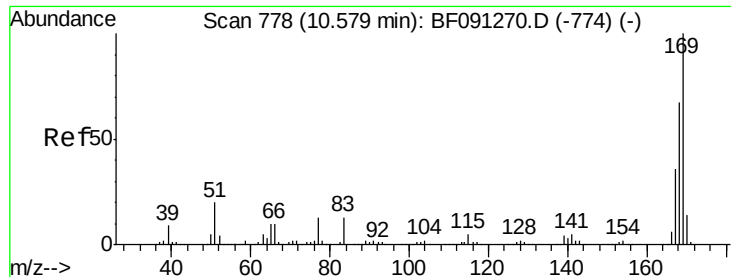
Tot Ion:188 Resp: 763424
Ion Ratio Lower Upper
188 100
94 7.3 9.2 13.8#
80 7.1 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 15.04 ng
RT: 10.50 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion:198 Resp: 73263
Ion Ratio Lower Upper
198 100
51 88.1 77.1 117.1
105 61.4 44.8 84.8

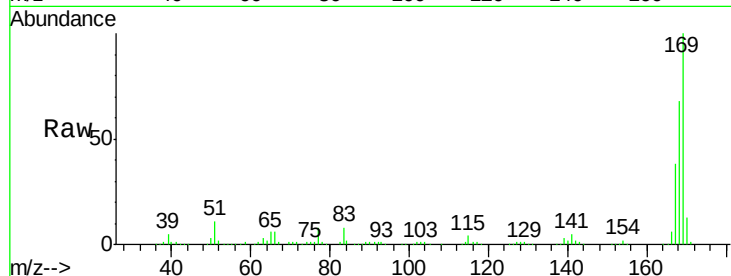




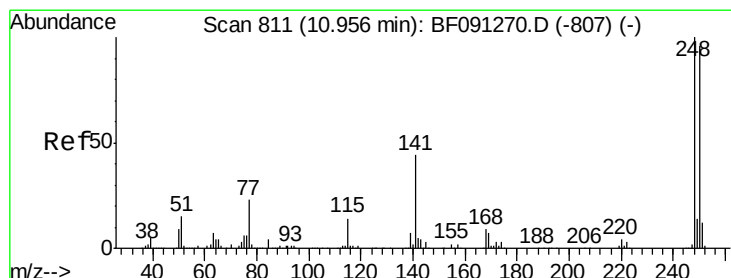
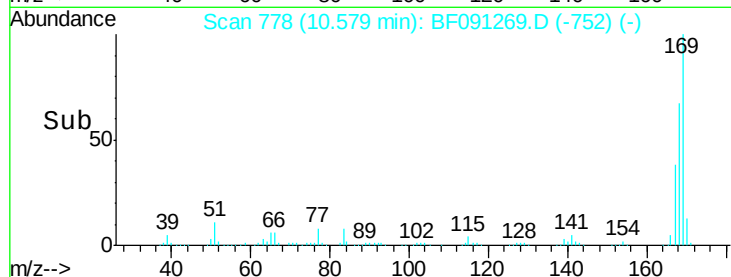
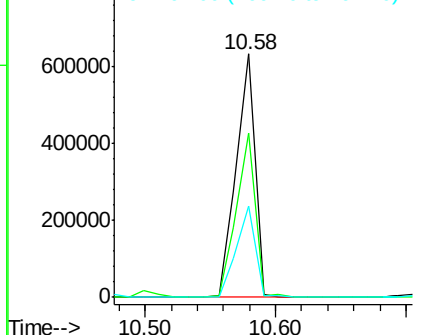
#65
 n-Nitrosodiphenylamine
 Concen: 27.53 ng
 RT: 10.58 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 633346
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.8 80.8
 167 37.7 29.8 44.8

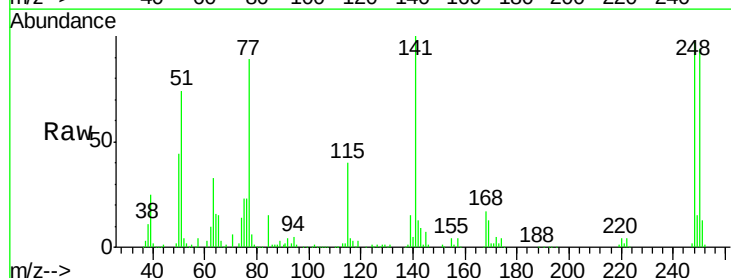


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

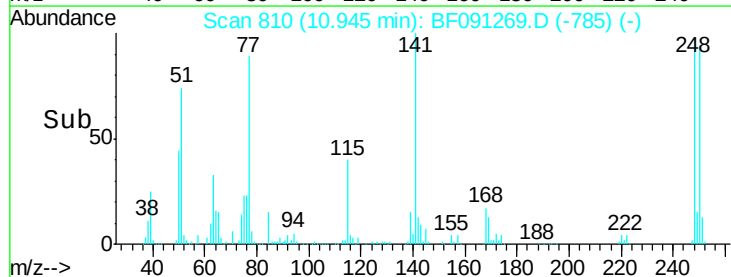
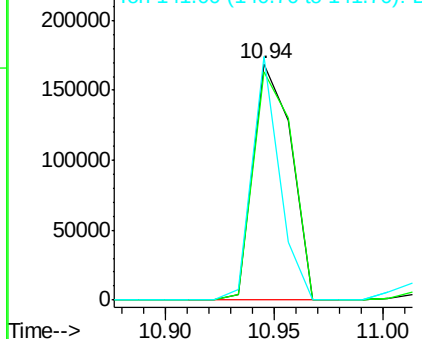


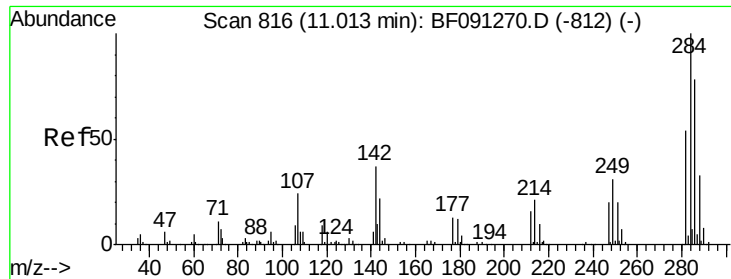
#66
 4-Bromophenyl-phenylether
 Concen: 25.90 ng
 RT: 10.94 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

Tgt Ion:248 Resp: 206703
 Ion Ratio Lower Upper
 248 100
 250 96.4 78.2 117.4
 141 103.0 71.9 107.9



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

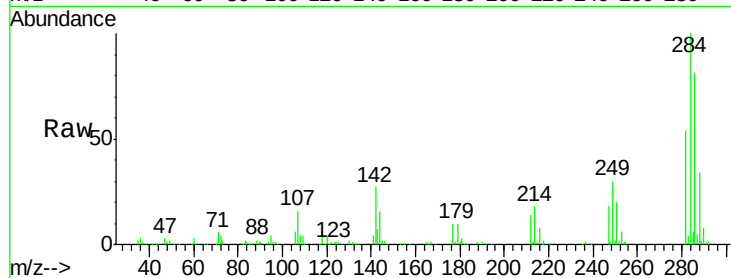




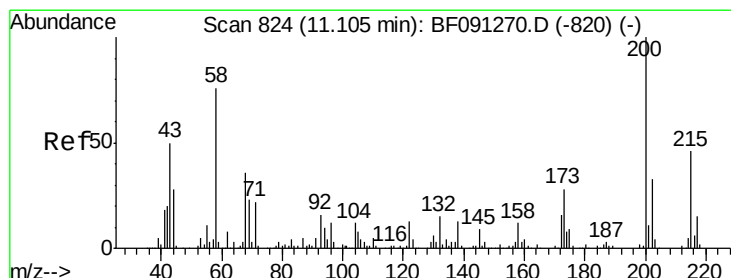
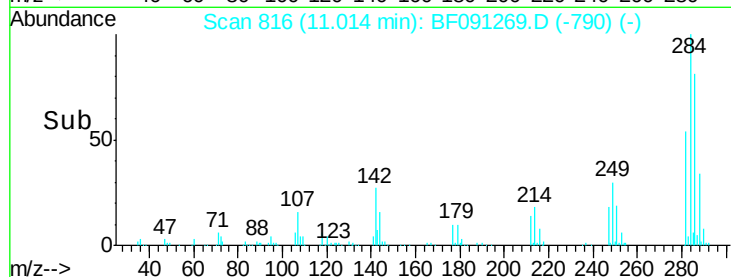
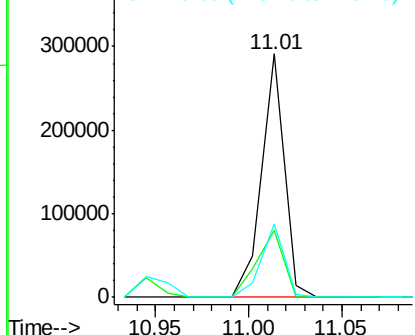
#67
Hexachlorobenzene
Concen: 28.05 ng
RT: 11.01 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 244199
Ion Ratio Lower Upper
284 100
142 27.3 17.9 26.9#
249 30.3 23.6 35.4

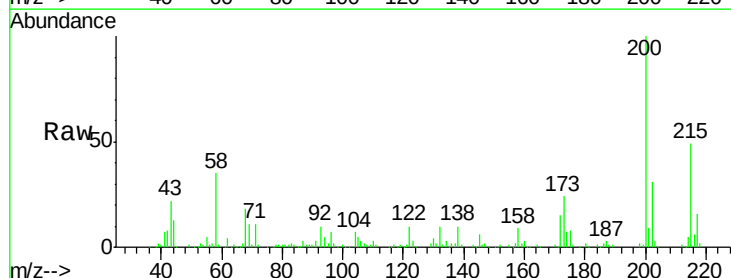


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

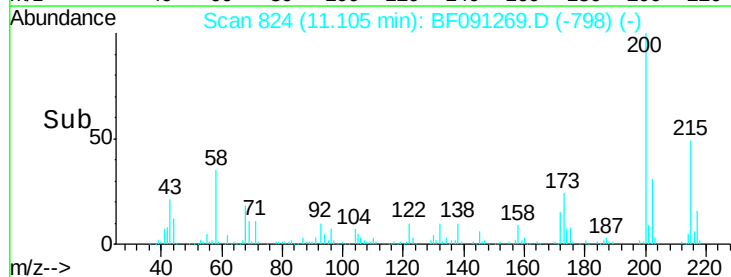
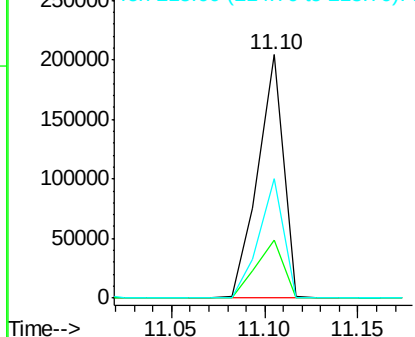


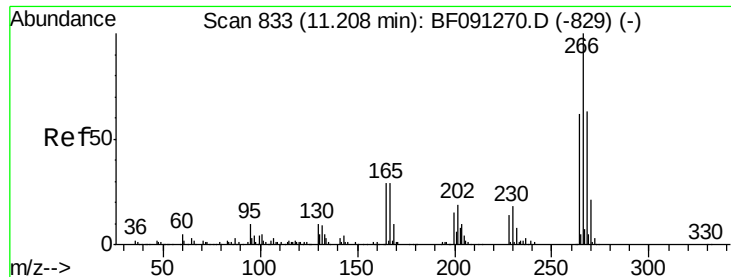
#68
Atrazine
Concen: 23.83 ng
RT: 11.10 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion:200 Resp: 194486
Ion Ratio Lower Upper
200 100
173 23.6 7.8 47.8
215 49.2 24.3 64.3



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

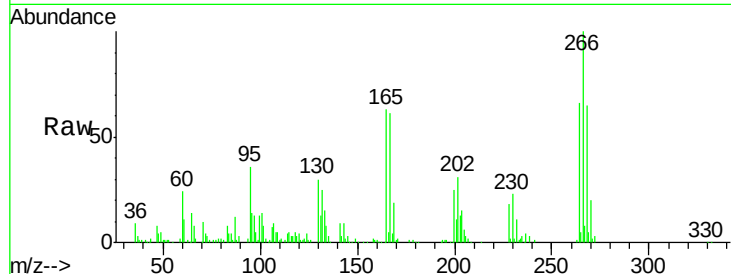




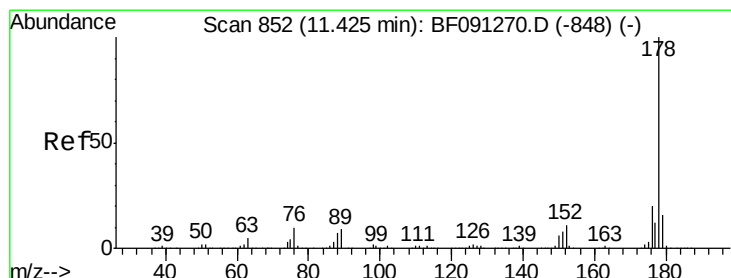
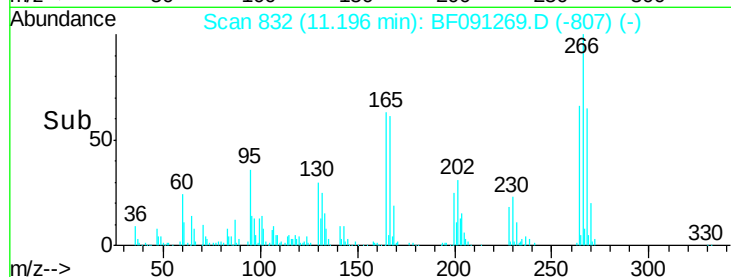
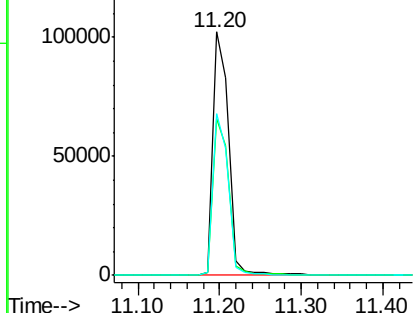
#69
 Pentachlorophenol
 Concen: 39.75 ng
 RT: 11.20 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 137020
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.3 75.5
 264 66.4 48.2 72.2

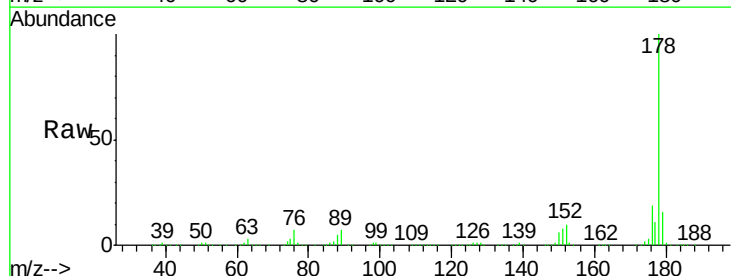


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

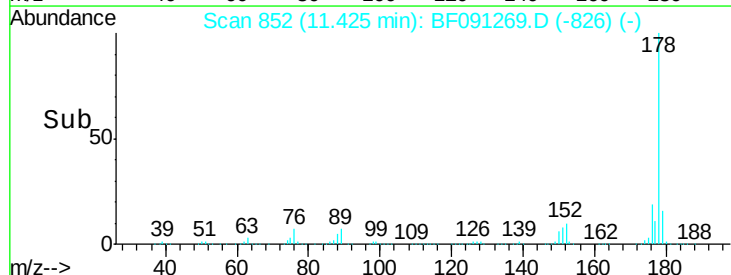
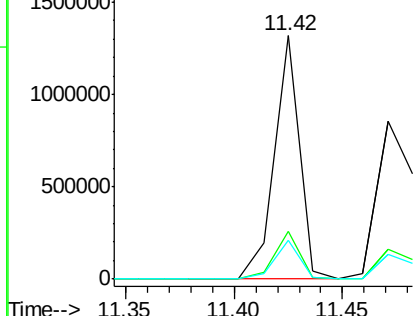


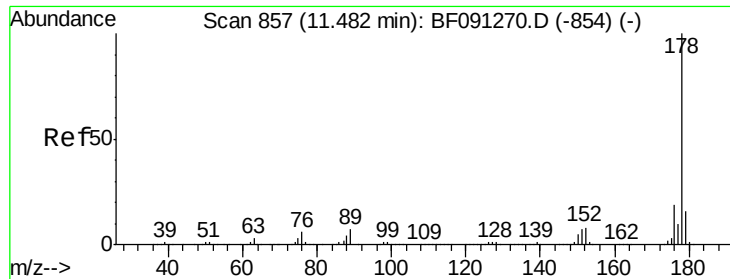
#70
 Phenanthrene
 Concen: 26.76 ng
 RT: 11.42 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

Tgt Ion:178 Resp: 1073661
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.8 12.6 18.8



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

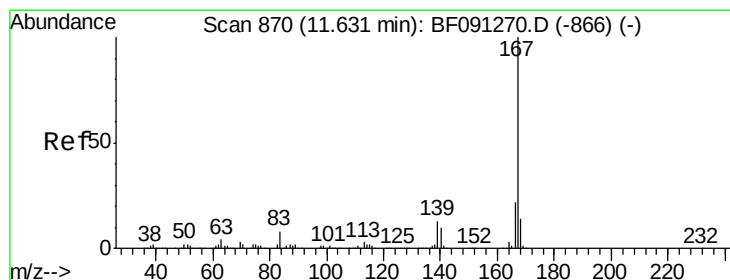
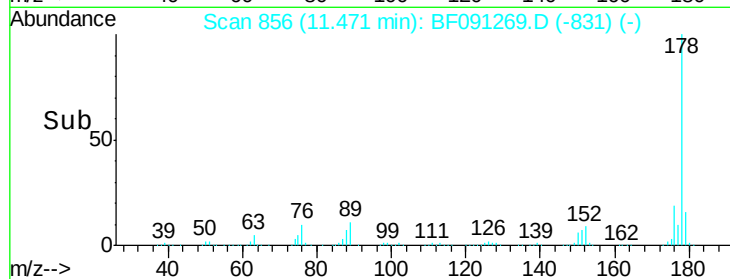
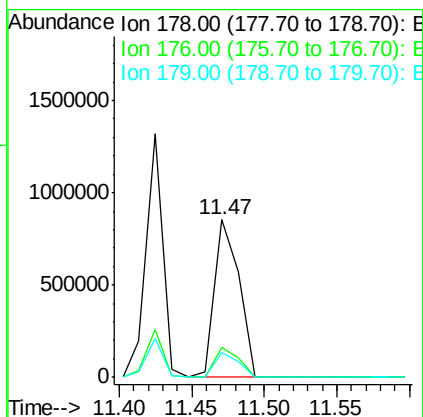
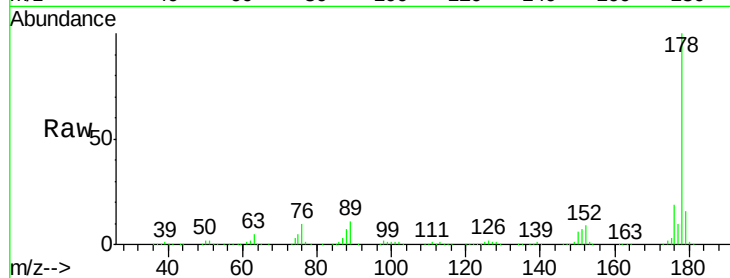




#71
 Anthracene
 Concen: 25.10 ng
 RT: 11.47 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

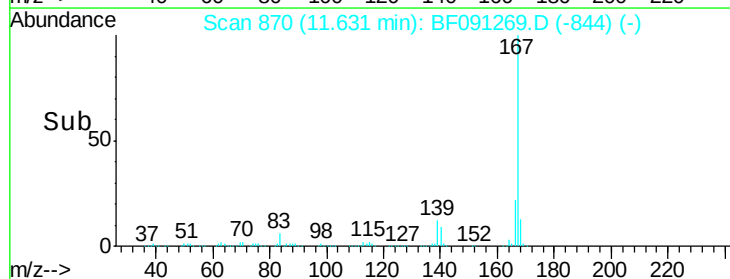
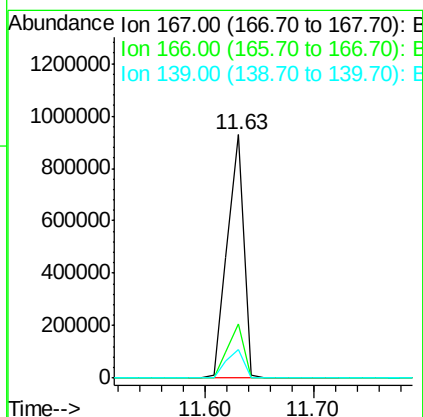
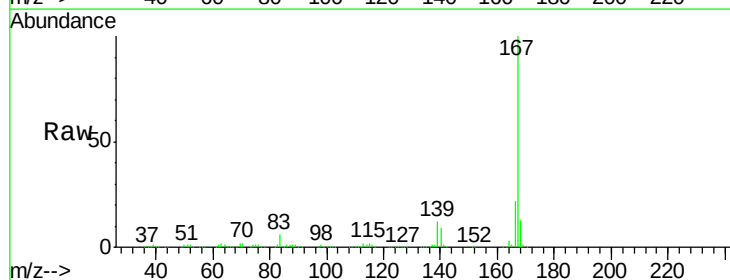
Instrument :
 BNA_F
 ClientSampleId :

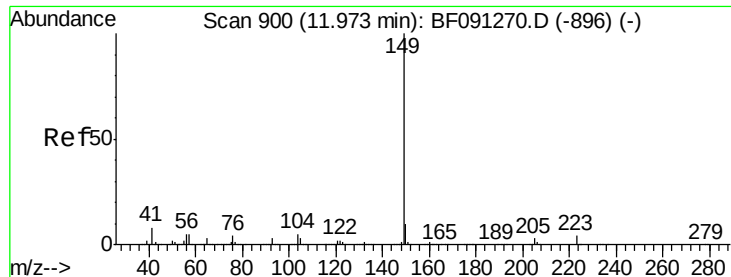
Tot Ion:178 Resp: 1003584
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.6
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 26.59 ng
 RT: 11.63 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

Tgt Ion:167 Resp: 973941
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 11.6 11.5 17.3





#73

Di-n-butylphthalate

Concen: 25.46 ng

RT: 11.97 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :

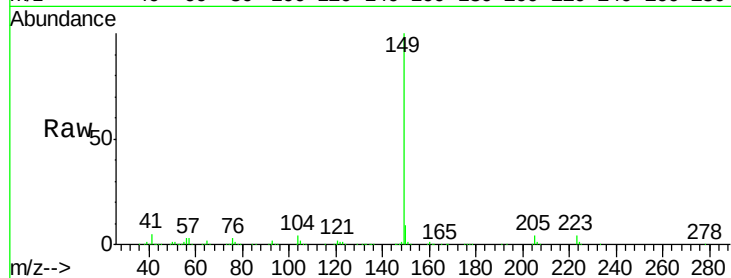
Tot Ion:149 Resp: 1109998

Ion Ratio Lower Upper

149 100

150 8.7 7.5 11.3

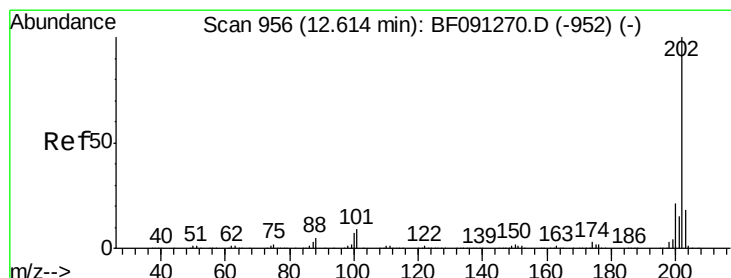
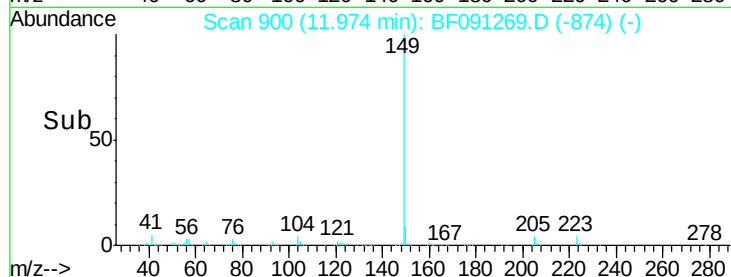
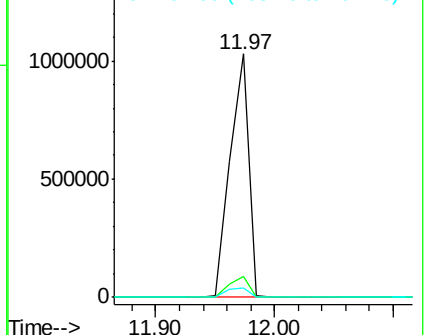
104 3.9 4.0 6.0#



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: 23.85 ng

RT: 12.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

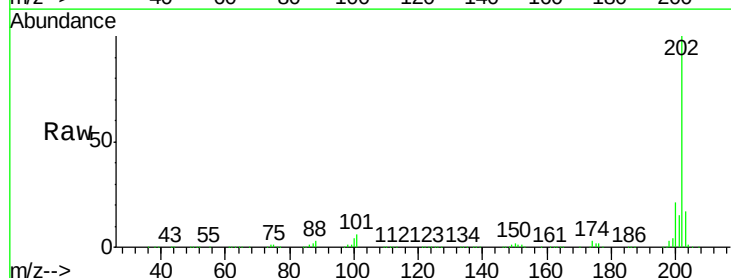
Tgt Ion:202 Resp: 1042256

Ion Ratio Lower Upper

202 100

101 6.0 0.0 29.5

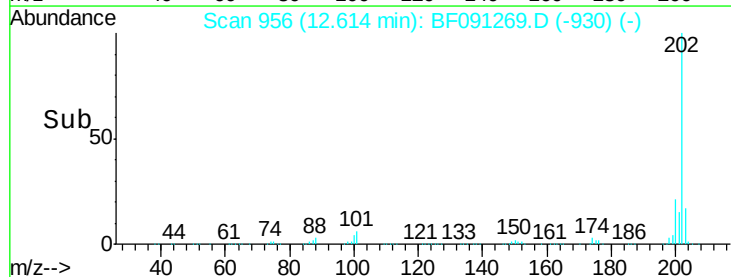
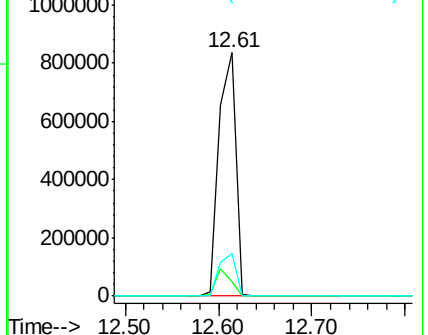
203 17.5 0.0 37.8

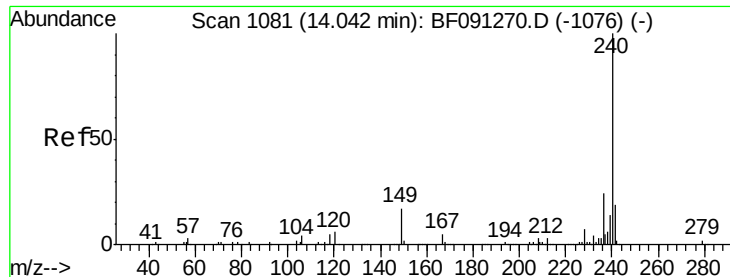


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :

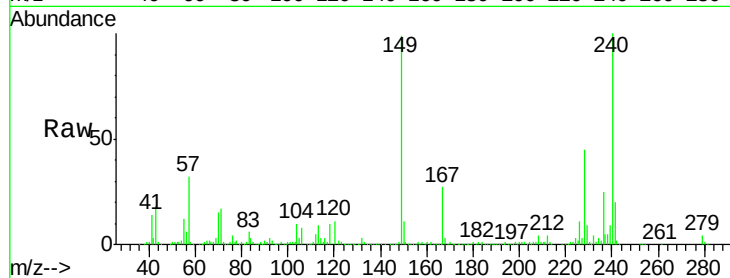
Tot Ion:240 Resp: 484361

Ion Ratio Lower Upper

240 100

120 11.0 12.1 18.1#

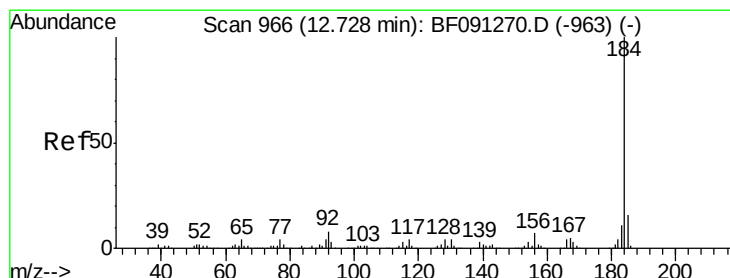
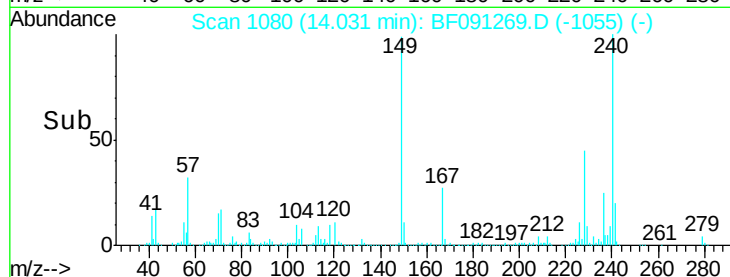
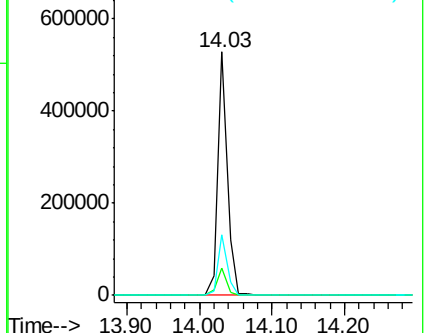
236 24.7 21.0 31.6



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: 26.39 ng

RT: 12.73 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

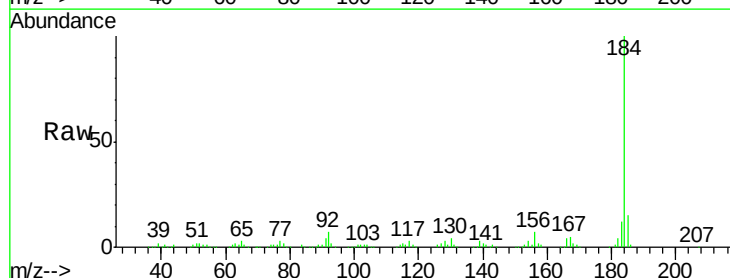
Tgt Ion:184 Resp: 287095

Ion Ratio Lower Upper

184 100

185 14.8 13.1 19.7

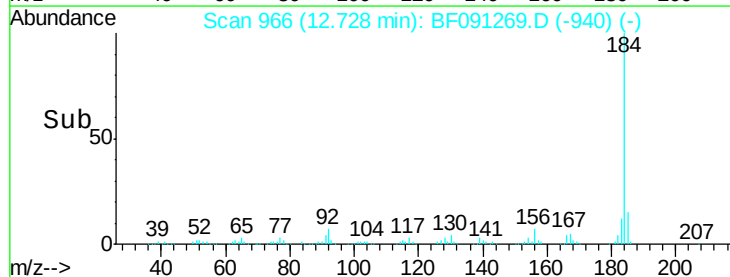
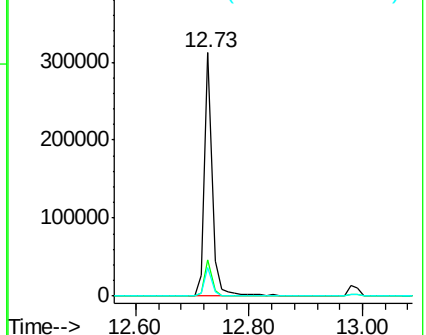
183 11.7 8.9 13.3

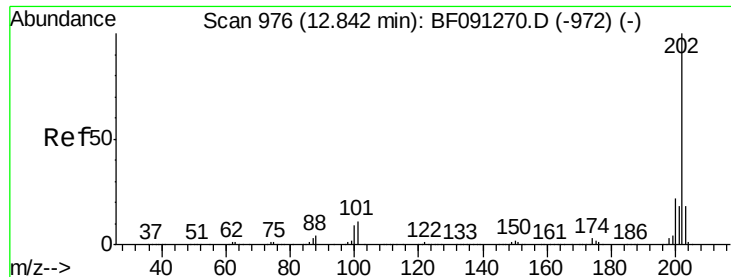


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

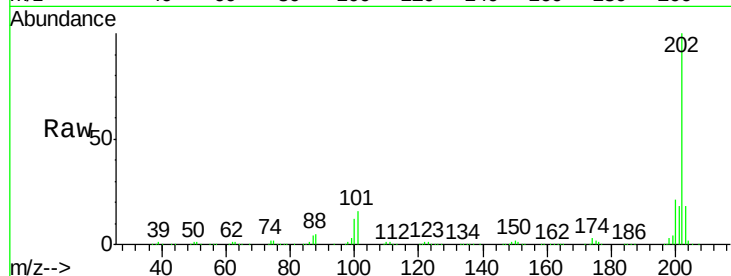




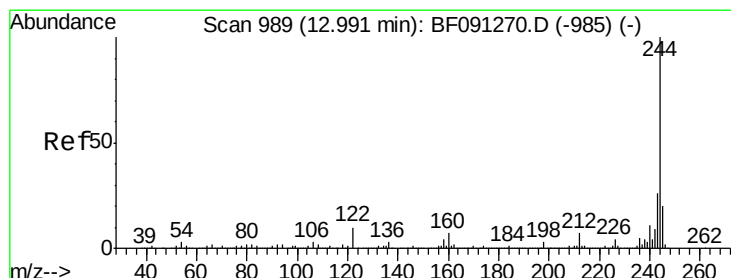
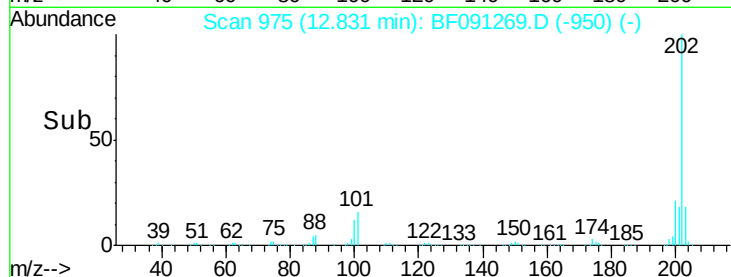
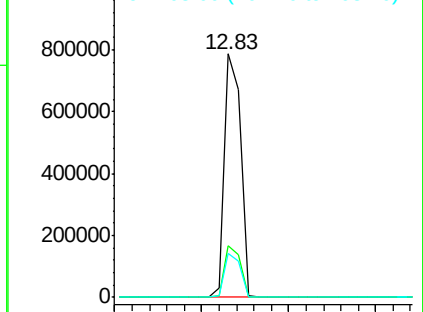
#77
Pvrene
Concen: 27.70 ng
RT: 12.83 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1029159
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 18.2 14.0 21.0

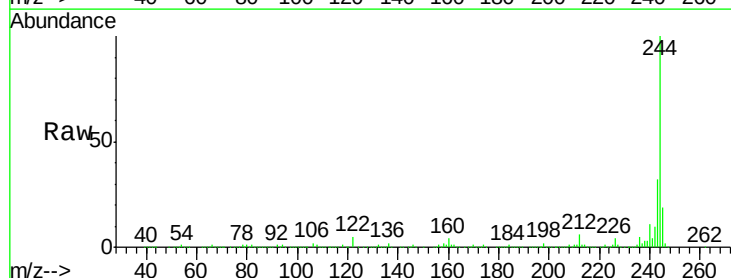


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

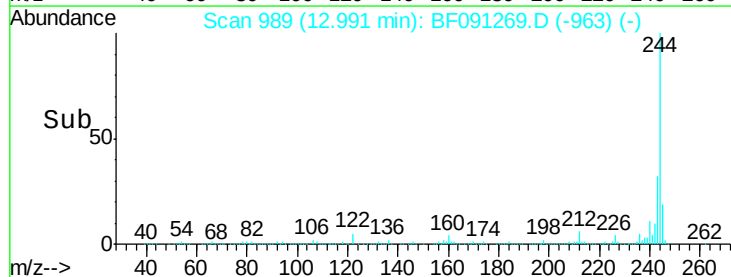
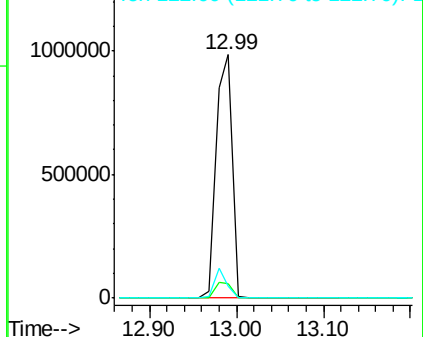


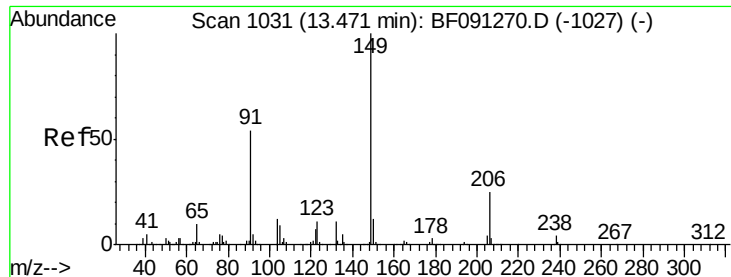
#78
Terphenyl-d14
Concen: 60.32 ng
RT: 12.99 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion:244 Resp: 1288817
Ion Ratio Lower Upper
244 100
212 6.1 6.5 9.7#
122 5.0 9.5 14.3#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 23.86 ng

RT: 13.46 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampled :

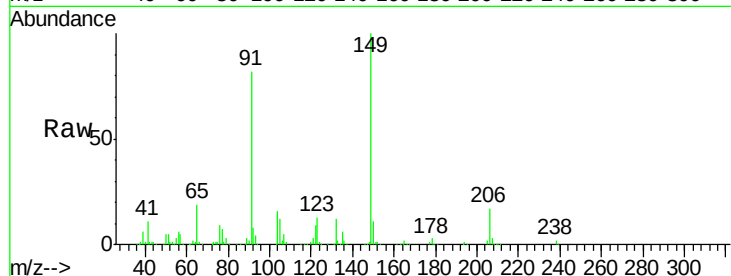
Tot Ion:149 Resp: 372093

Ion Ratio Lower Upper

149 100

91 82.3 57.4 86.2

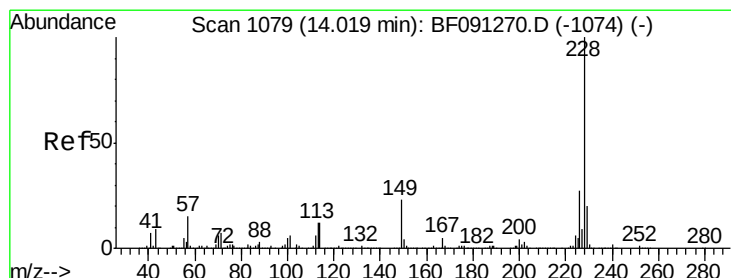
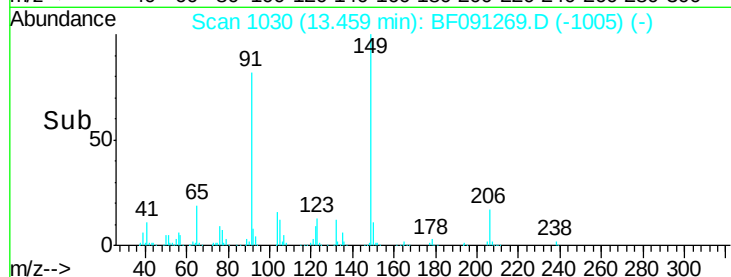
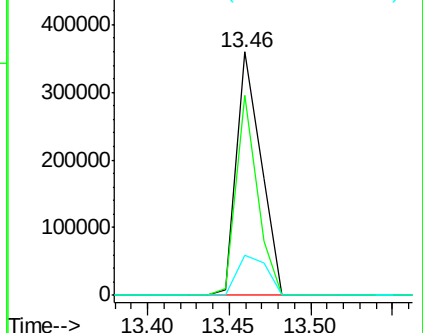
206 16.5 15.4 23.2



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: 25.22 ng

RT: 14.02 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

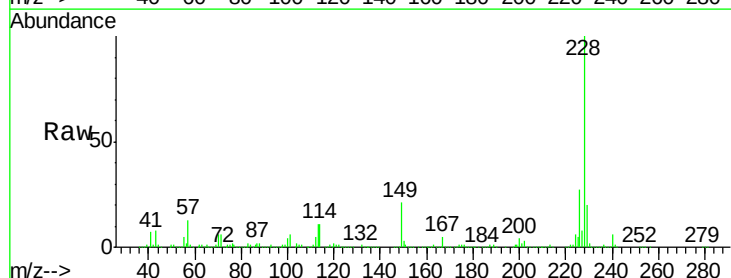
Tgt Ion:228 Resp: 740035

Ion Ratio Lower Upper

228 100

226 27.3 22.5 33.7

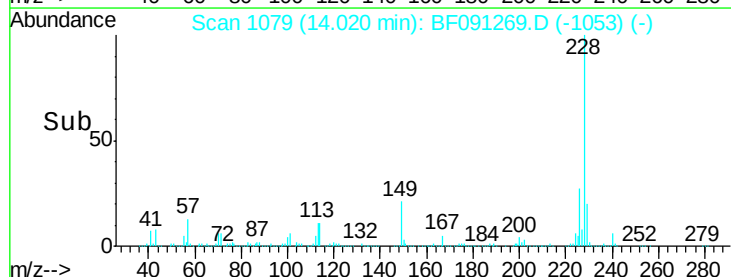
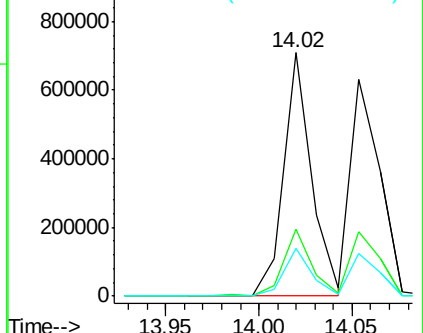
229 19.7 16.4 24.6

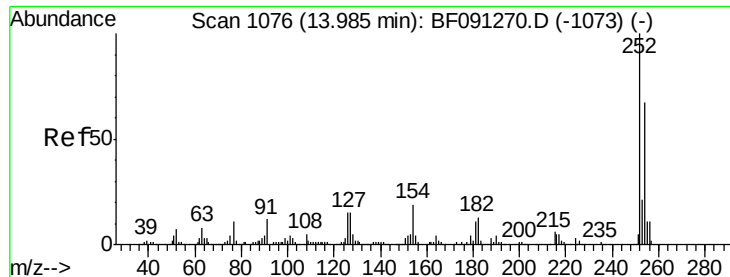


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

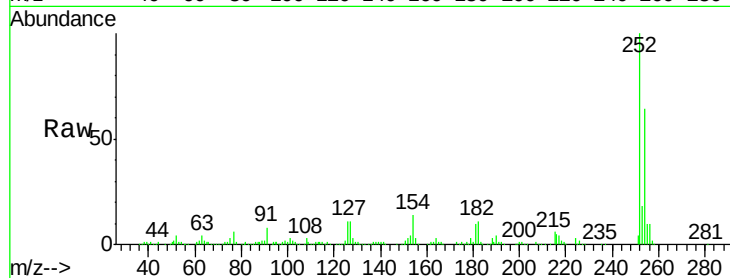




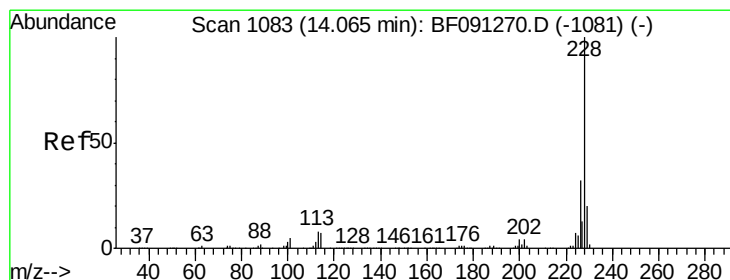
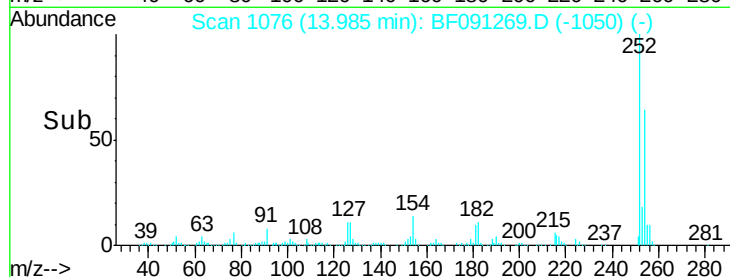
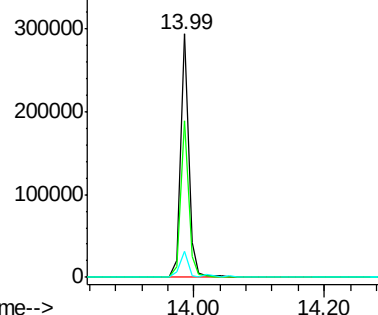
#81
 3,3'-Dichlorobenzidine
 Concen: 25.21 ng
 RT: 13.99 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 256432
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.1 78.1
 126 10.8 7.5 11.3

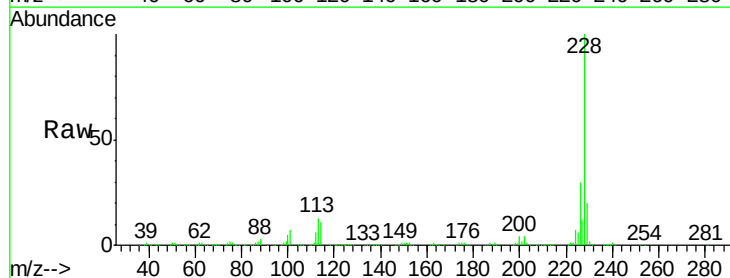


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

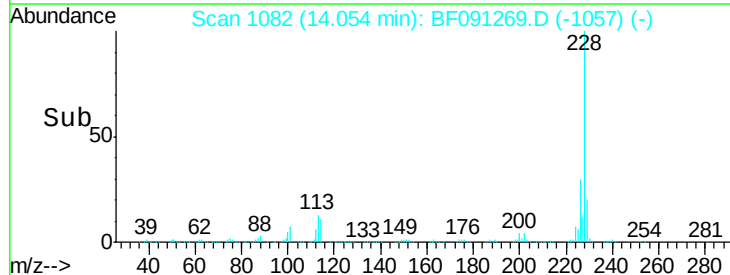
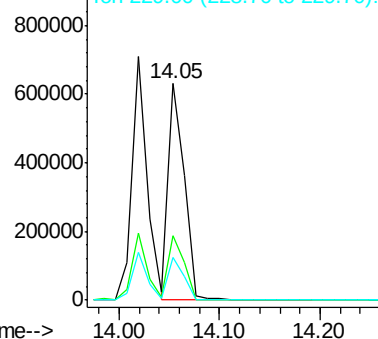


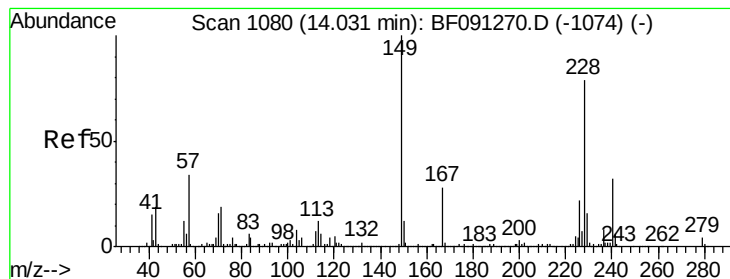
#82
 Chrysene
 Concen: 23.10 ng
 RT: 14.05 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF091269.D
 Acq: 23 Nov 2016 10:24

Tgt Ion:228 Resp: 696681
 Ion Ratio Lower Upper
 228 100
 226 29.7 25.0 37.4
 229 20.0 16.0 24.0



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: 24.61 ng

RT: 14.03 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :

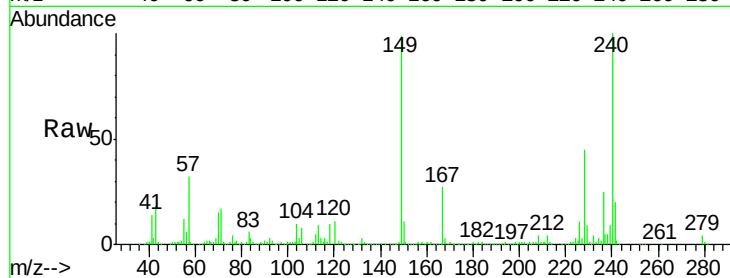
Tot Ion:149 Resp: 486552

Ion Ratio Lower Upper

149 100

167 27.6 19.6 29.4

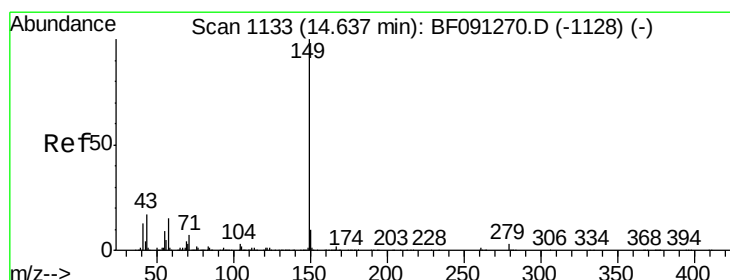
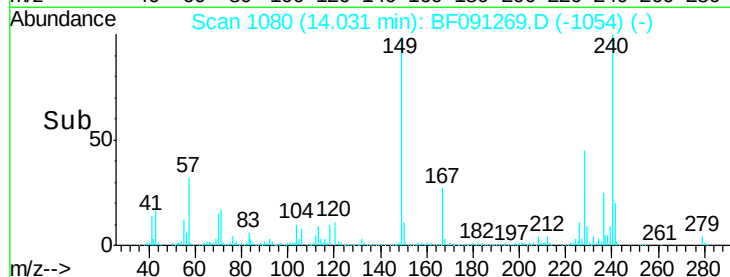
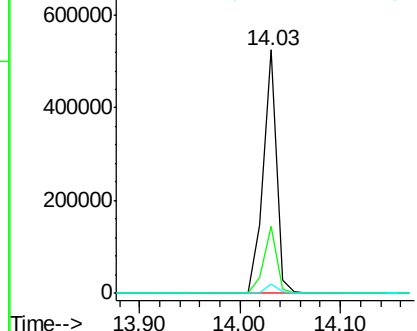
279 4.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 19.41 ng

RT: 14.64 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

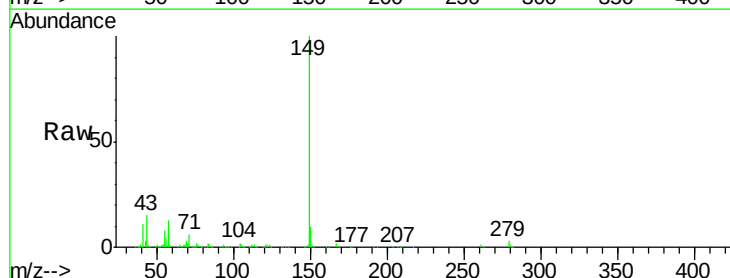
Tgt Ion:149 Resp: 671893

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

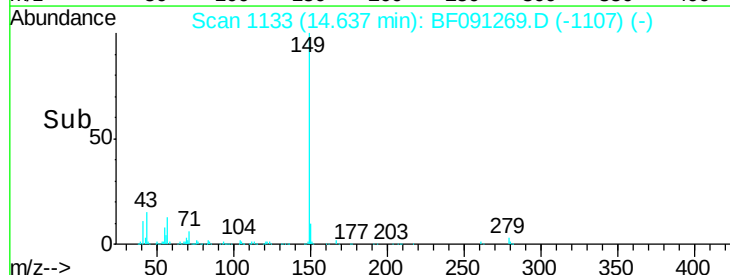
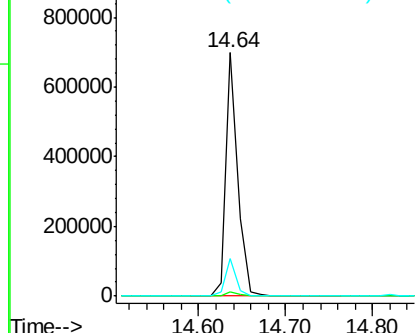
43 14.2 11.9 17.9

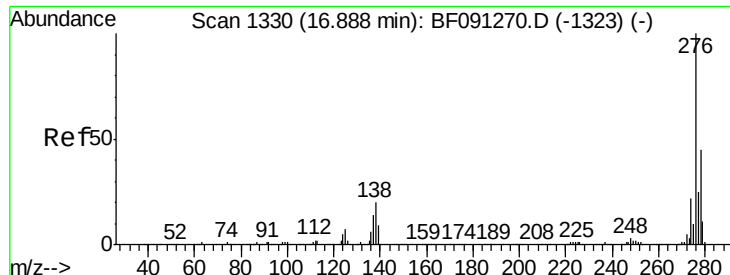


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

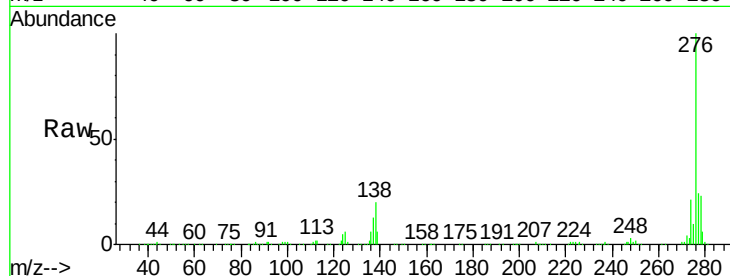




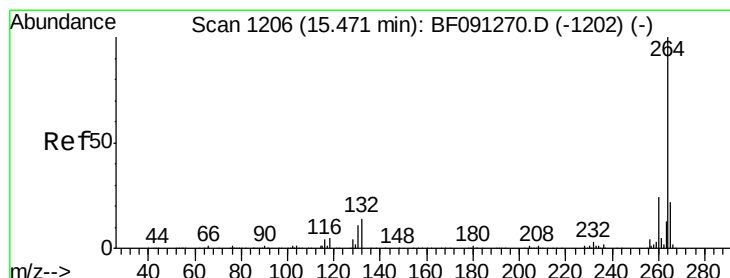
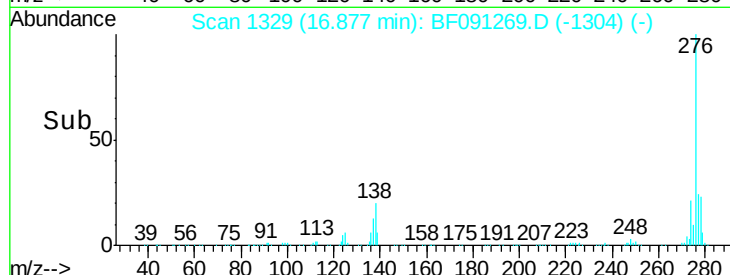
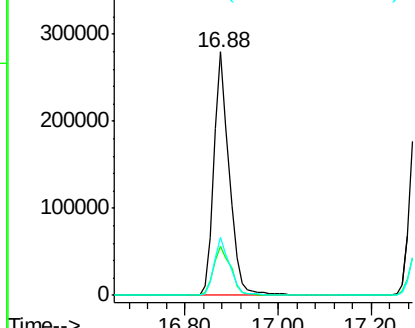
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.83 ng
RT: 16.88 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 643576
Ion Ratio Lower Upper
276 100
138 22.7 21.0 31.4
277 24.1 20.2 30.2

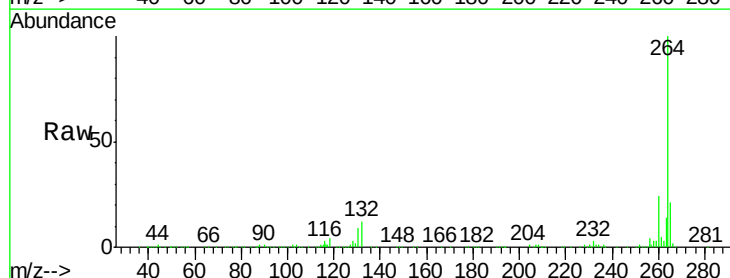


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

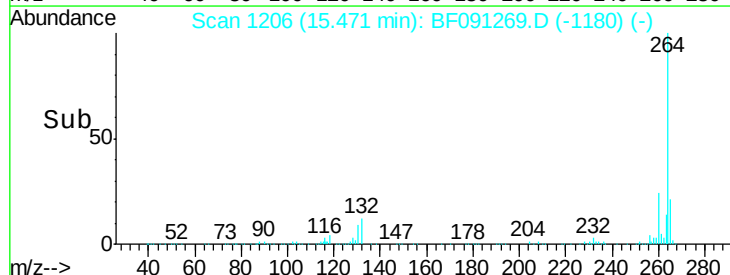
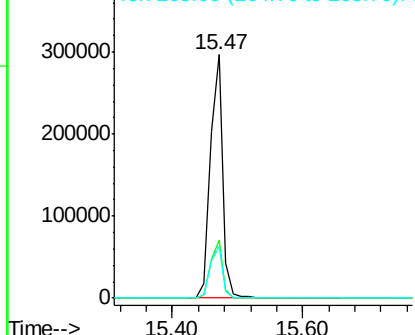


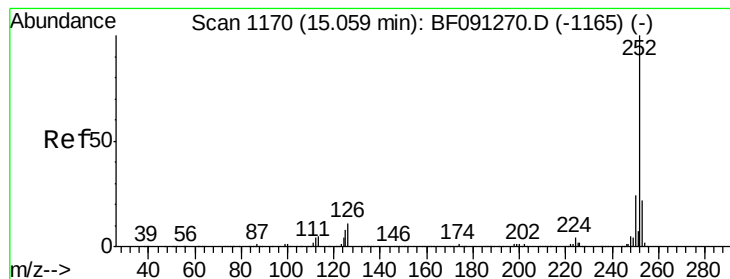
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion:264 Resp: 395266
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 21.4 17.0 25.6



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: 49.86 ng

RT: 15.08 min Scan# 1172

Delta R.T. 0.02 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :

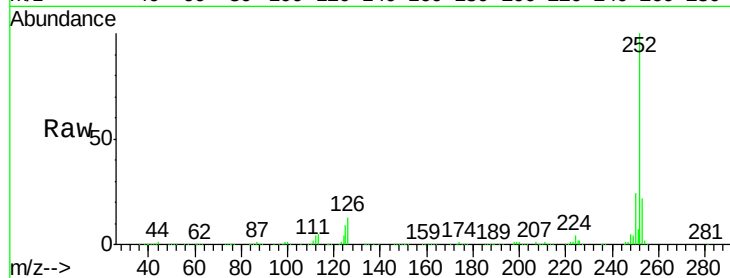
Tot Ion:252 Resp: 1184389

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

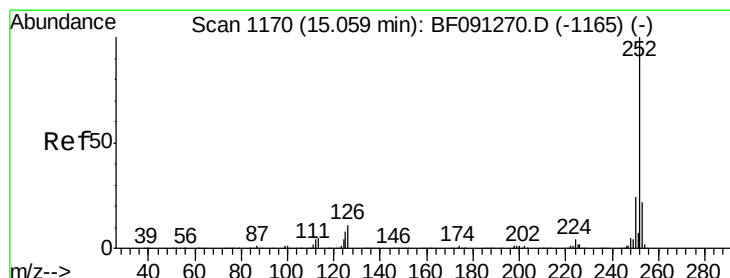
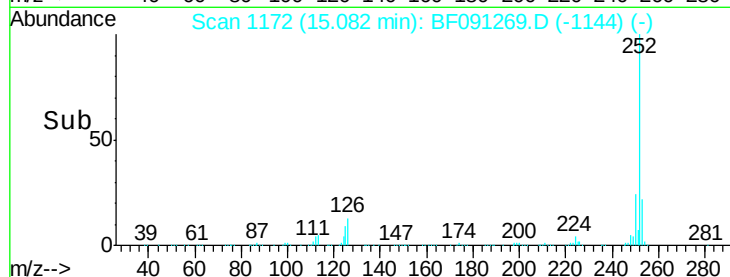
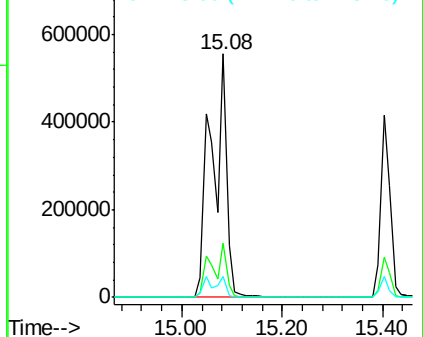
125 8.6 8.6 13.0#



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



#88

Benzo(k)fluoranthene

Concen: 49.37 ng

RT: 15.08 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

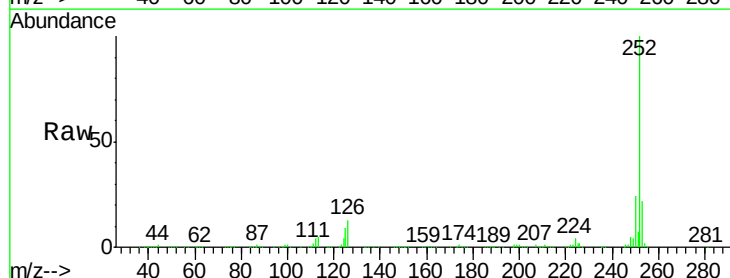
Tgt Ion:252 Resp: 1184726

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

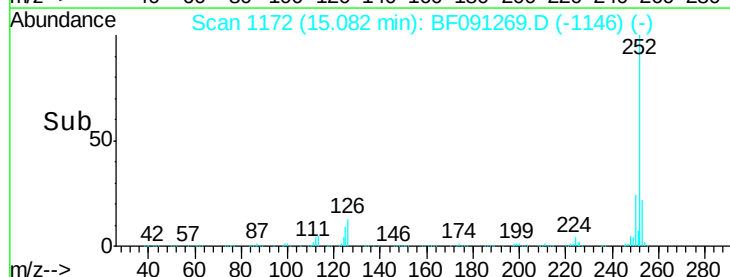
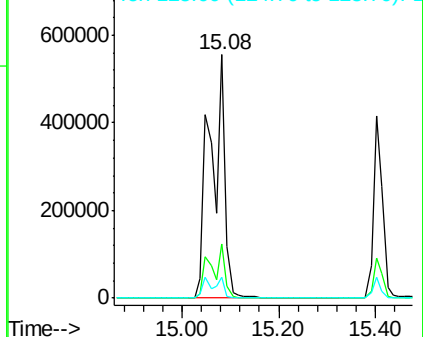
125 8.6 9.6 14.4#

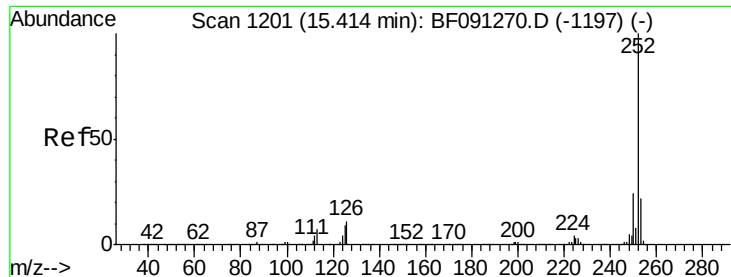


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

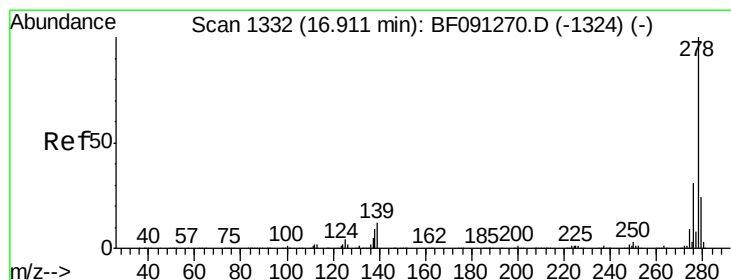
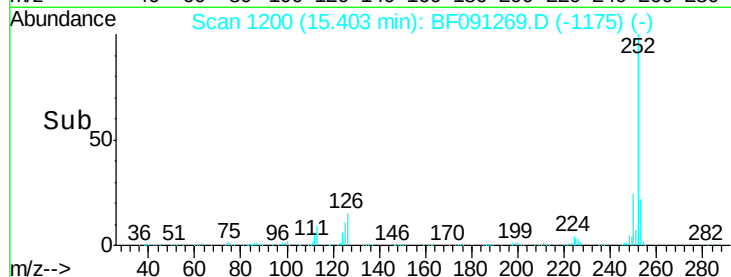
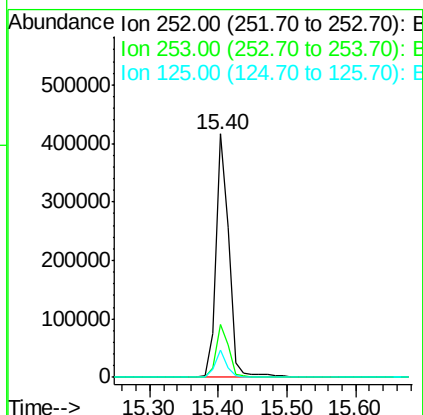
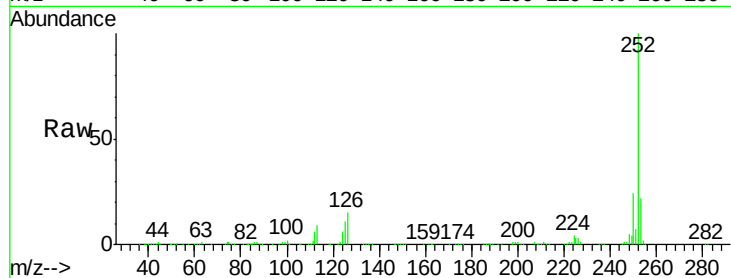




#89
Benzo(a)pyrene
Concen: 25.11 ng
RT: 15.40 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

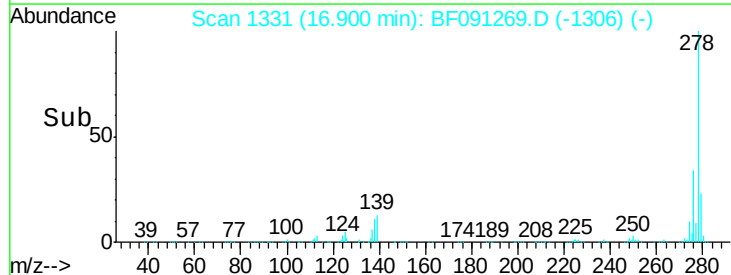
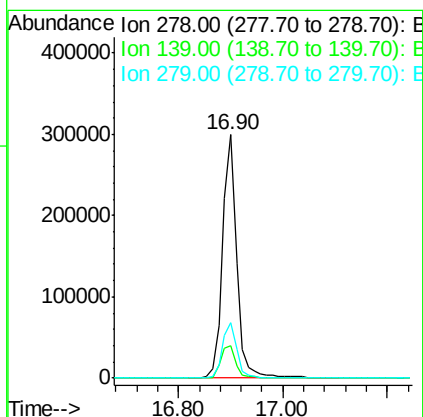
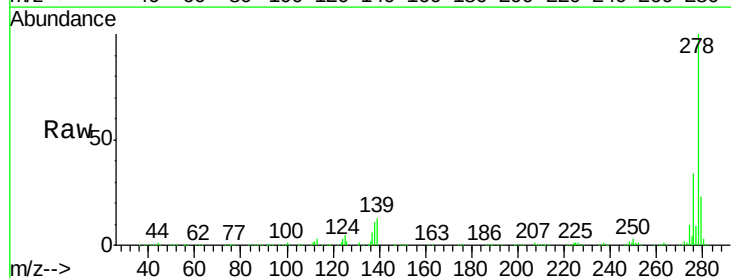
Instrument :
BNA_F
ClientSampleId :

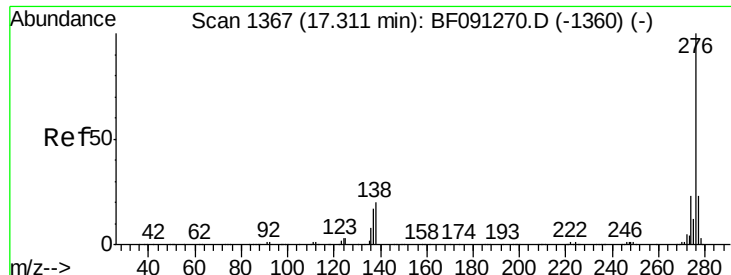
Tot Ion:252 Resp: 547071
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 11.4 10.4 15.6



#90
Dibenzo(a,h)anthracene
Concen: 31.54 ng
RT: 16.90 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF091269.D
Acq: 23 Nov 2016 10:24

Tgt Ion:278 Resp: 566189
Ion Ratio Lower Upper
278 100
139 13.4 15.1 22.7#
279 22.9 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 31.21 ng

RT: 17.30 min Scan# 1366

Delta R.T. -0.01 min

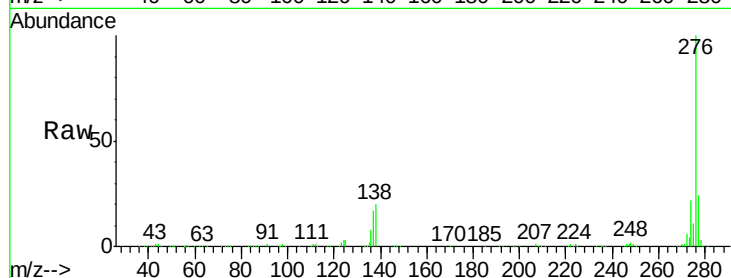
Lab File: BF091269.D

Acq: 23 Nov 2016 10:24

Instrument :

BNA_F

ClientSampleId :



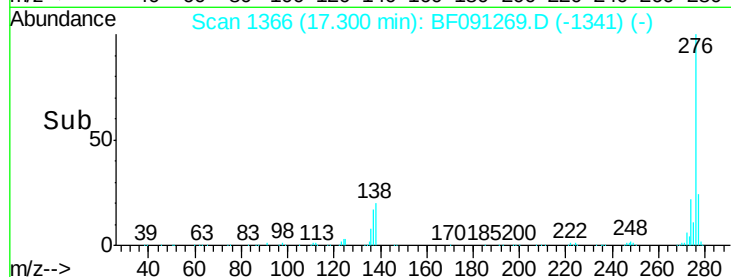
Tot Ion: 276 Resp: 572593

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 19.7 15.4 23.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

