

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091271.D
 Acq On : 23 Nov 2016 11:18
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 12:01:27 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	223996	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	929127	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	517243	20.00	ng	0.01
63) Phenanthrene-d10	11.40	188	849267	20.00	ng	0.00
75) Chrysene-d12	14.04	240	624128	20.00	ng	0.00
86) Perylene-d12	15.47	264	503785	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1310894	97.30	ng	0.00
7) Phenol-d6	6.51	99	1688046	104.78	ng	0.01
23) Nitrobenzene-d5	7.45	82	1516620	90.01	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	512623	106.16	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	2824325	95.36	ng	0.01
78) Terphenyl-d14	12.99	244	2408173	87.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	314492	51.36	ng	# 86
3) Pyridine	3.22	79	884184	55.22	ng	# 84
4) n-Nitrosodimethylamine	3.18	42	481395	55.71	ng	# 96
6) Aniline	6.54	93	1132789	58.53	ng	# 71
8) 2-Chlorophenol	6.67	128	721587	49.99	ng	# 95
9) Benzaldehyde	6.42	77	407144	50.33	ng	# 89
10) Phenol	6.52	94	987501	52.39	ng	# 99
11) bis(2-Chloroethyl)ether	6.61	93	689699	46.96	ng	# 94
12) 1,3-Dichlorobenzene	6.90	146	853658	54.40	ng	# 98
13) 1,4-Dichlorobenzene	6.90	146	853658	52.06	ng	# 99
14) 1,2-Dichlorobenzene	6.90	146	853658	58.62	ng	# 96
15) Benzyl Alcohol	7.02	79	710249	56.12	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1487907	52.94	ng	# 72
17) 2-Methylphenol	7.13	107	606053	41.76	ng	# 75
18) Hexachloroethane	7.40	117	301403	49.67	ng	# 91
19) n-Nitroso-di-n-propylamine	7.31	70	564380	47.93	ng	# 84
20) 3+4-Methylphenols	7.29	107	654216	45.07	ng	# 77
22) Acetophenone	7.30	105	1014442	45.80	ng	# 95
24) Nitrobenzene	7.47	77	887464	47.31	ng	# 80
25) Isophorone	7.71	82	1444686	45.45	ng	# 99
26) 2-Nitrophenol	7.78	139	340120	42.44	ng	# 97
27) 2,4-Dimethylphenol	7.82	122	700084	55.44	ng	# 92
28) bis(2-Chloroethoxy)methane	7.92	93	786401	45.27	ng	# 99
29) 2,4-Dichlorophenol	8.02	162	577673	45.98	ng	# 98
30) 1,2,4-Trichlorobenzene	8.11	180	708222	50.46	ng	# 98
31) Naphthalene	8.19	128	2119276	48.82	ng	# 99
32) Benzoic acid	7.96	122	592515	64.54	ng	# 91
33) 4-Chloroaniline	8.24	127	900553	51.26	ng	# 97
34) Hexachlorobutadiene	8.32	225	414261	49.78	ng	# 98
35) Caprolactam	8.62	113	198125	56.00	ng	# 87
36) 4-Chloro-3-methylphenol	8.72	107	650406	47.24	ng	# 96
37) 2-Methylnaphthalene	8.88	142	1335896	45.89	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	674476	46.24	ng	# 99
40) Hexachlorocyclopentadiene	9.04	237	306192	67.89	ng	# 99

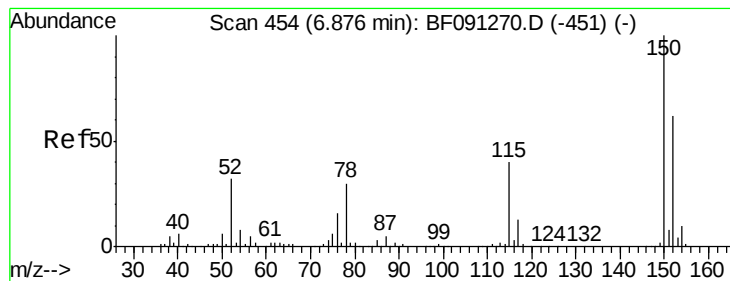
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	455640	51.33	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	459525	49.42	nq	97
45) 1,1'-Biphenyl	9.34	154	1593885	40.40	nq	97
46) 2-Chloronaphthalene	9.37	162	1195838	40.75	nq	98
47) 2-Nitroaniline	9.46	65	449585	41.28	nq	# 76
48) Acenaphthylene	9.79	152	2092964	47.38	nq	99
49) Dimethylphthalate	9.65	163	1532384	44.41	nq	97
50) 2,6-Dinitrotoluene	9.71	165	382095	51.65	nq	# 71
51) Acenaphthene	9.96	154	1460415	53.33	nq	96
52) 3-Nitroaniline	9.87	138	357524	45.33	nq	89
53) 2,4-Dinitrophenol	9.97	184	141636	34.95	nq	90
54) Dibenzofuran	10.13	168	1897736	49.75	nq	90
55) 4-Nitrophenol	10.02	139	262115	68.71	nq	95
56) 2,4-Dinitrotoluene	10.11	165	496279	53.28	nq	98
57) Fluorene	10.46	166	1396839	45.24	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.25	232	389110	49.70	nq	94
59) Diethylphthalate	10.35	149	1518895	45.40	nq	95
60) 4-Chlorophenyl-phenylether	10.46	204	663508	45.77	nq	# 91
61) 4-Nitroaniline	10.49	138	336571	41.42	nq	90
62) Azobenzene	10.62	77	1639413	41.21	nq	91
64) 4,6-Dinitro-2-methylphenol	10.51	198	194829	35.94	nq	90
65) n-Nitrosodiphenylamine	10.58	169	1168373	45.66	nq	100
66) 4-Bromophenyl-phenylether	10.96	248	476659	53.70	nq	# 82
67) Hexachlorobenzene	11.01	284	470165	48.54	nq	# 79
68) Atrazine	11.11	200	244669	29.11	nq	99
69) Pentachlorophenol	11.21	266	313769	81.81	nq	96
70) Phenanthrene	11.43	178	1965120	44.02	nq	100
71) Anthracene	11.48	178	2191749	49.27	nq	100
72) Carbazole	11.63	167	1765473	43.32	nq	99
73) Di-n-butylphthalate	11.97	149	2291312	47.25	nq	99
74) Fluoranthene	12.61	202	2114243	43.49	nq	98
76) Benzidine	12.73	184	579958	41.37	nq	99
77) Pyrene	12.84	202	2154786	45.01	nq	98
79) Butylbenzylphthalate	13.47	149	935595	46.55	nq	# 86
80) Benzo(a)anthracene	14.03	228	1603212	42.40	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	596451	45.51	nq	# 98
82) Chrysene	14.07	228	1554413	39.99	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1122738	44.08	nq	# 95
84) Di-n-octyl phthalate	14.64	149	1781618	39.94	nq	100
85) Indeno(1,2,3-cd)pyrene	16.89	276	1451970	46.97	nq	96
87) Benzo(b)fluoranthene	15.06	252	1390523	45.93	nq	98
88) Benzo(k)fluoranthene	15.06	252	1390523	45.46	nq	# 97
89) Benzo(a)pyrene	15.41	252	1289575	46.44	nq	98
90) Dibenzo(a,h)anthracene	16.91	278	1272408	55.61	nq	# 95
91) Benzo(g,h,i)perylene	17.32	276	1251979	53.54	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

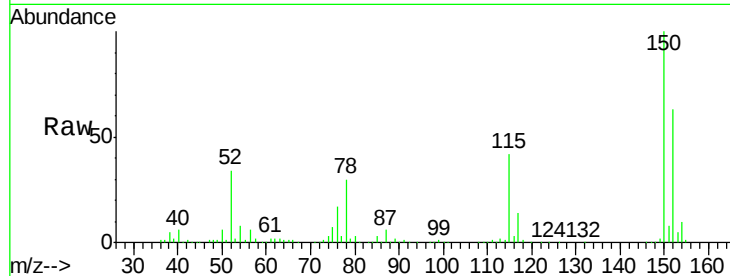
Tot Ion:152 Resp: 223996

Ion Ratio Lower Upper

152 100

150 159.4 122.5 183.7

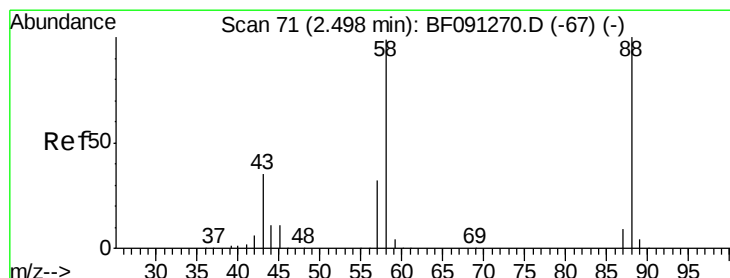
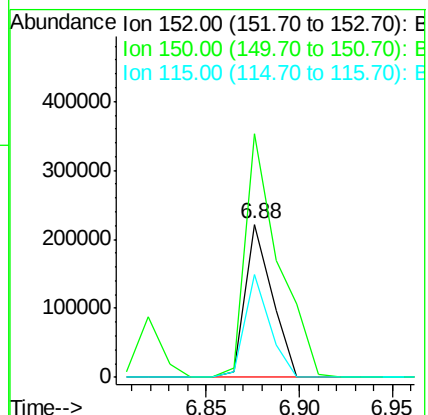
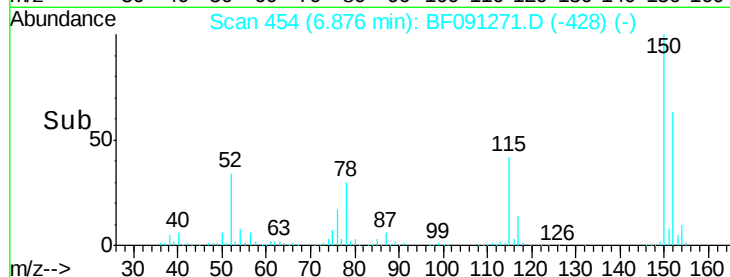
115 67.6 51.8 77.8



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: 51.36 ng

RT: 2.50 min Scan# 71

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

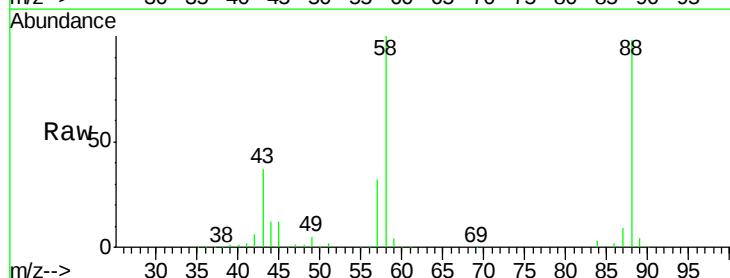
Tgt Ion: 88 Resp: 314492

Ion Ratio Lower Upper

88 100

58 106.3 70.3 105.5#

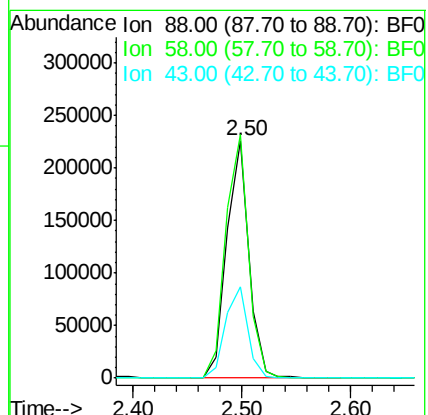
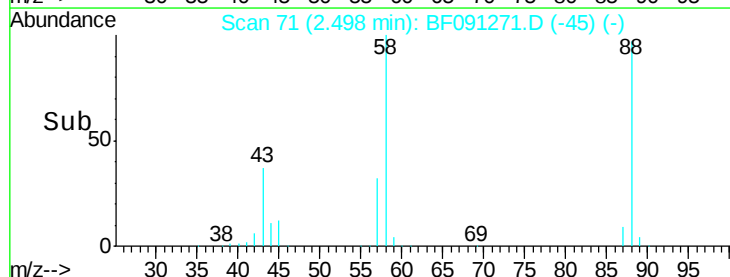
43 39.7 31.3 46.9

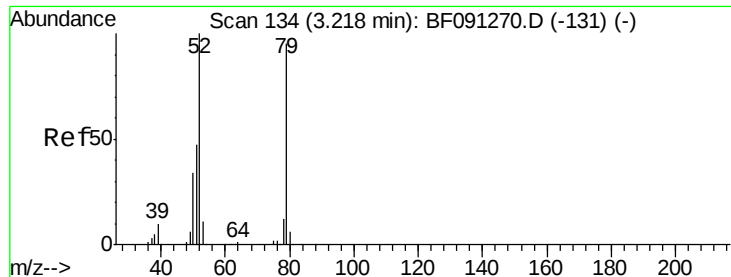


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 55.22 ng

RT: 3.22 min Scan# 134

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampled :

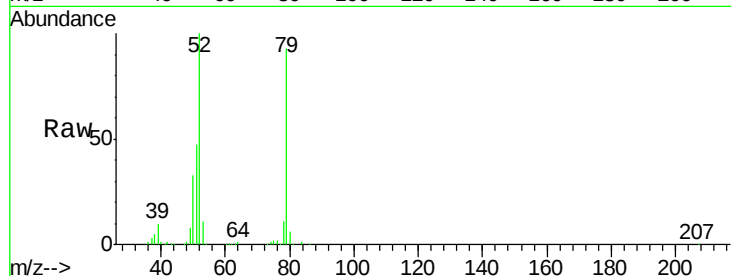
Tot Ion: 79 Resp: 884184

Ion Ratio Lower Upper

79 100

52 108.0 71.0 106.4#

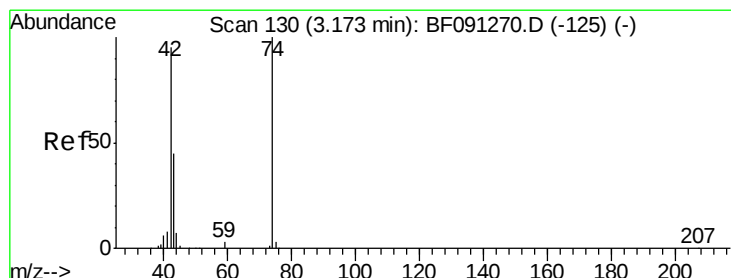
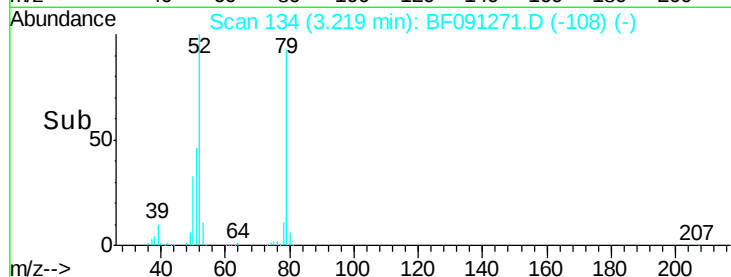
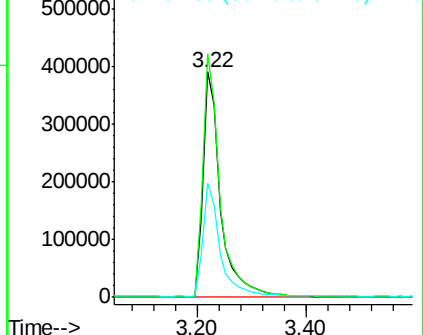
51 50.6 37.0 55.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 55.71 ng

RT: 3.18 min Scan# 131

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

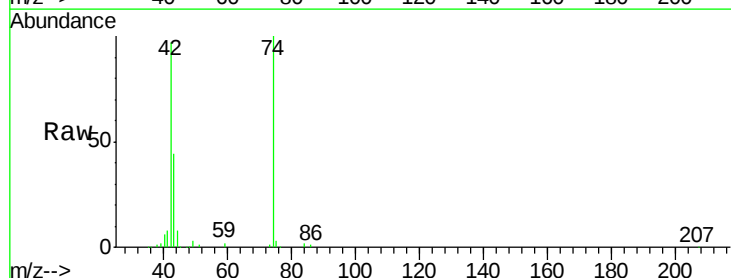
Tgt Ion: 42 Resp: 481395

Ion Ratio Lower Upper

42 100

74 103.2 78.9 118.3

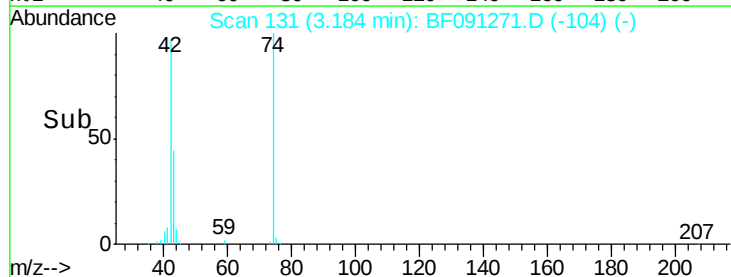
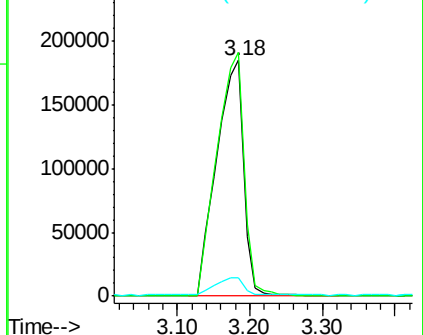
44 8.0 5.8 8.6

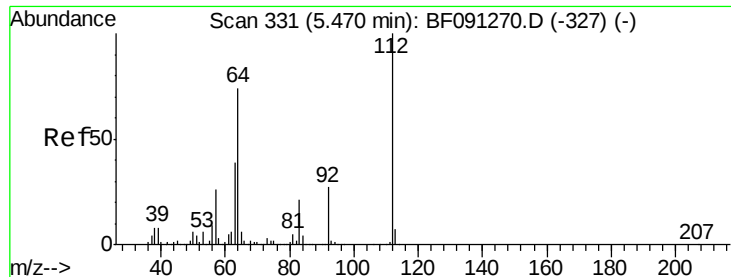


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 97.30 ng

RT: 5.47 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :

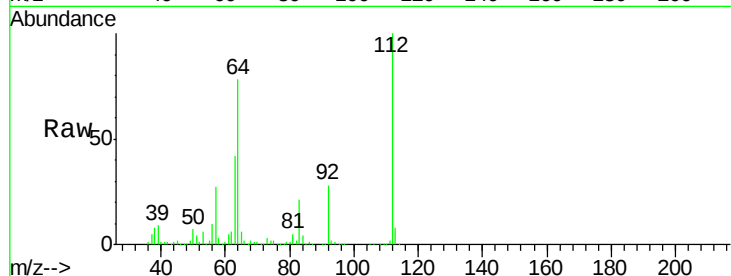
Tot Ion:112 Resp: 1310894

Ion Ratio Lower Upper

112 100

64 77.5 61.5 92.3

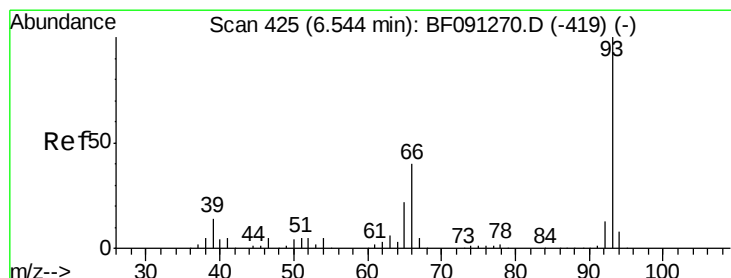
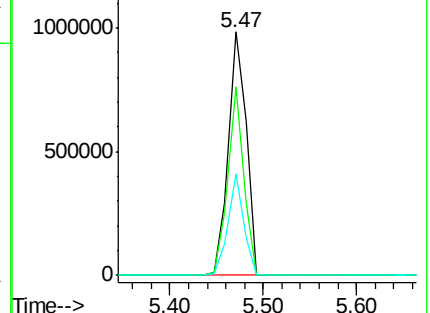
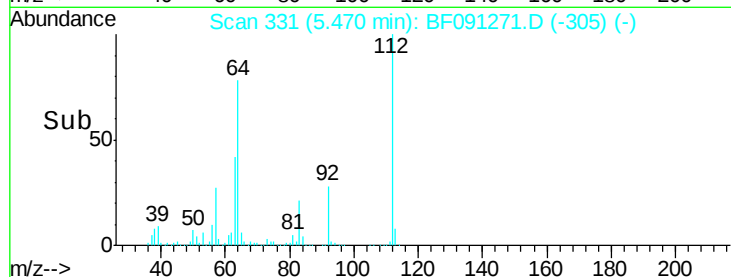
63 41.5 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 58.53 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

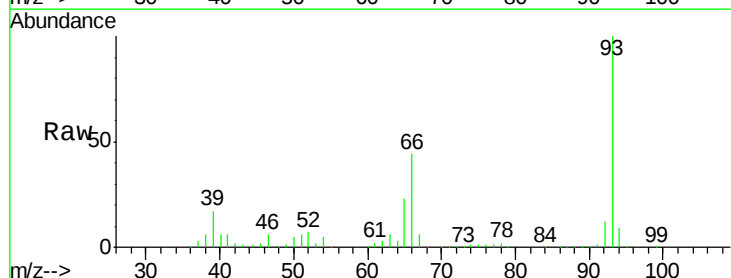
Tgt Ion: 93 Resp: 1132789

Ion Ratio Lower Upper

93 100

66 44.2 55.8 83.6#

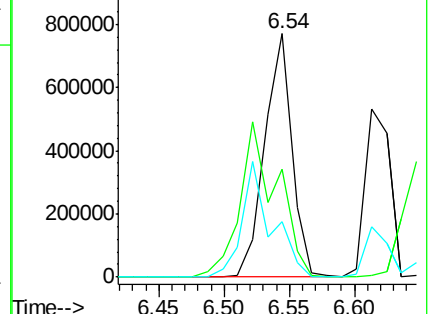
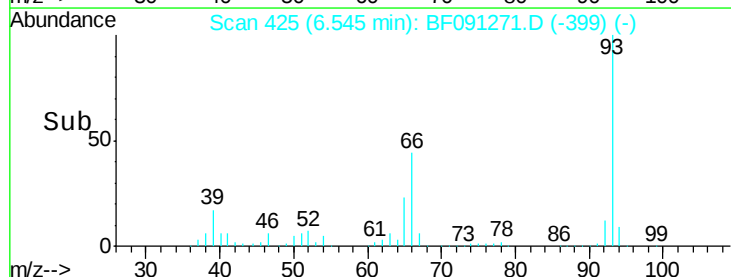
65 22.9 29.9 44.9#

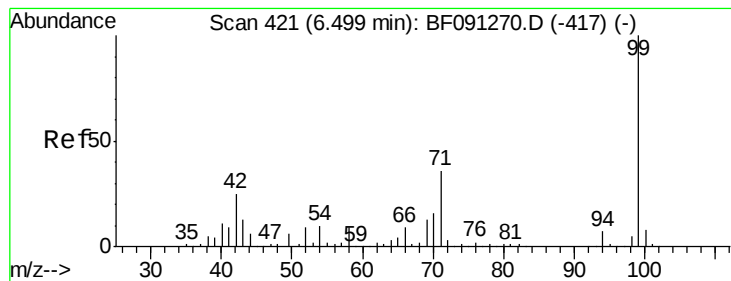


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.78 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

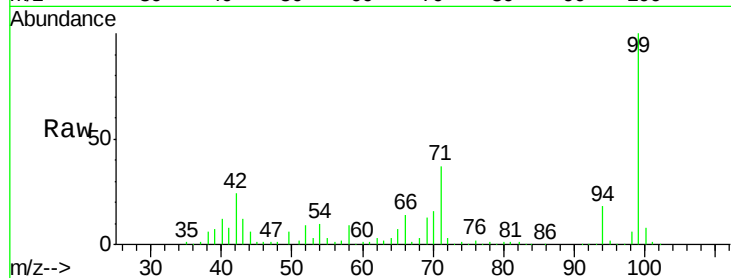
Tot Ion: 99 Resp: 1688046

Ion Ratio Lower Upper

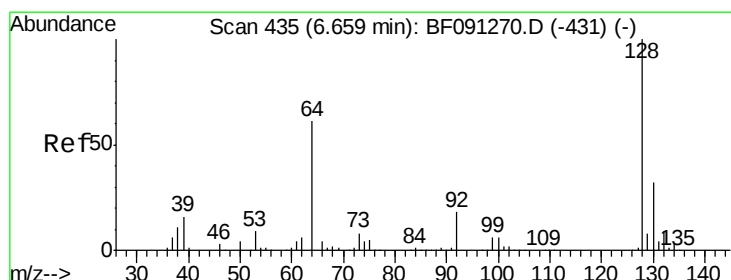
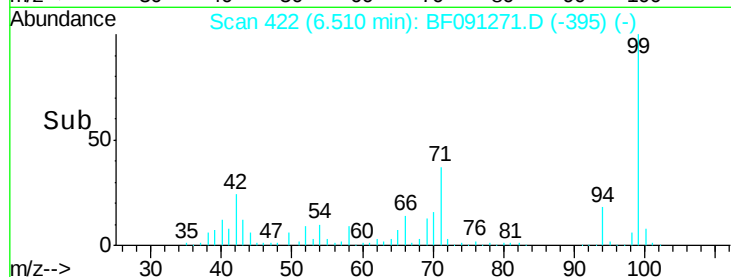
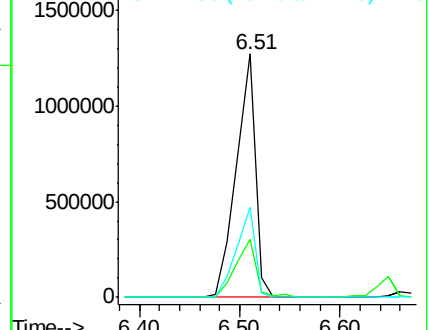
99 100

42 23.7 20.6 31.0

71 36.9 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: 49.99 ng

RT: 6.67 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

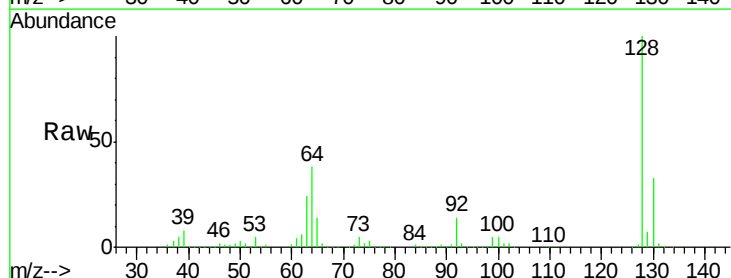
Tgt Ion: 128 Resp: 721587

Ion Ratio Lower Upper

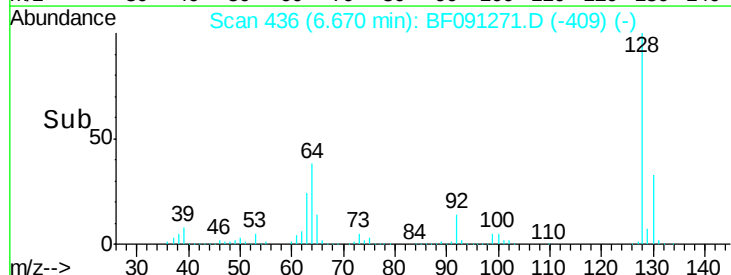
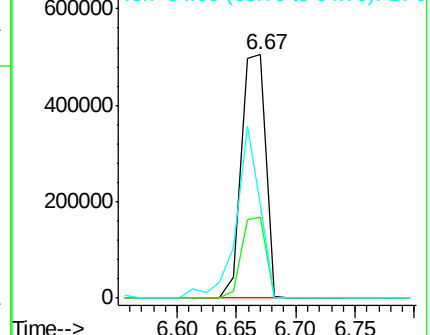
128 100

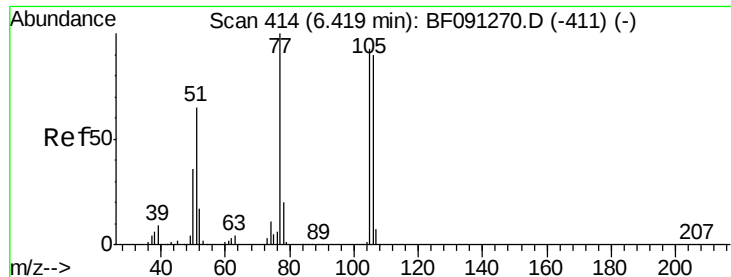
130 33.5 13.1 53.1

64 38.3 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: 50.33 ng

RT: 6.42 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

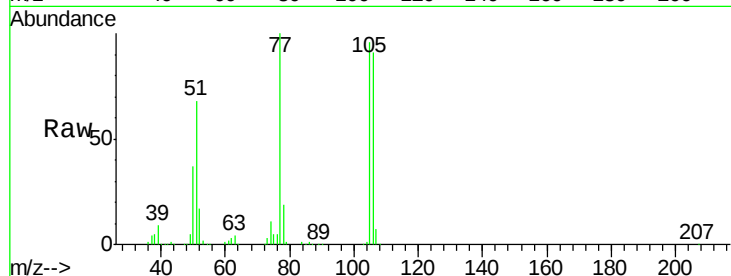
Tot Ion: 77 Resp: 407144

Ion Ratio Lower Upper

77 100

105 96.0 66.4 106.4

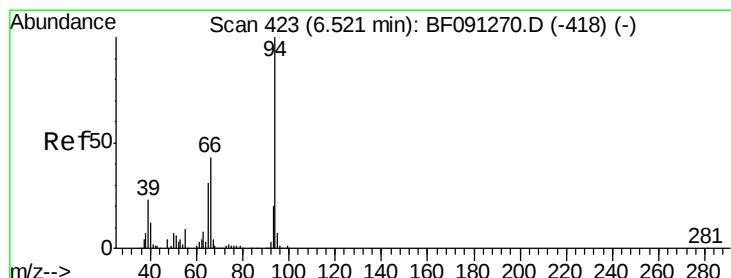
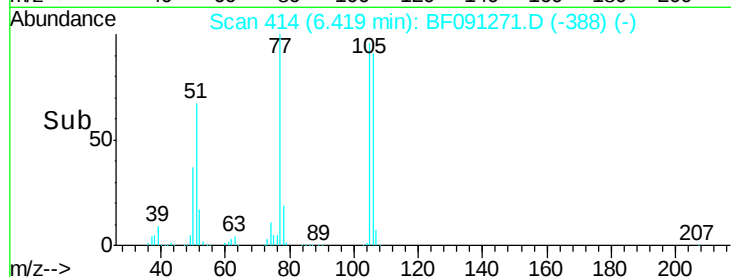
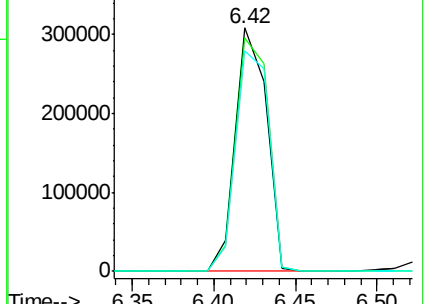
106 90.6 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 52.39 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

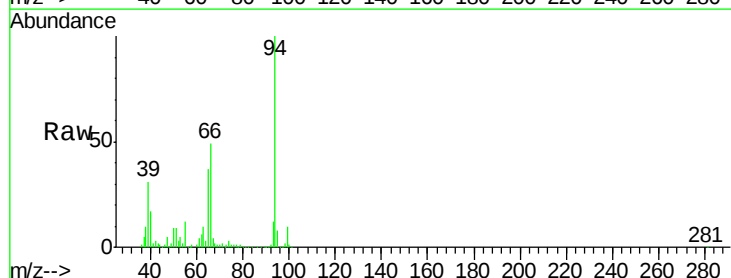
Tgt Ion: 94 Resp: 987501

Ion Ratio Lower Upper

94 100

65 36.6 16.9 56.9

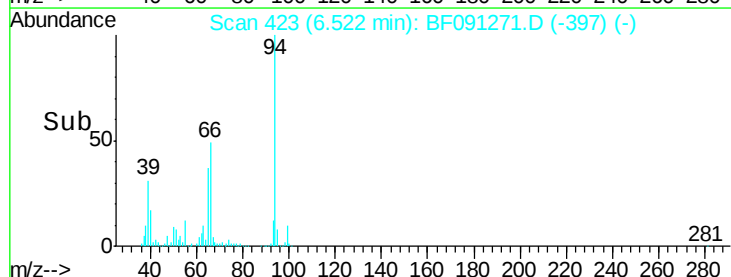
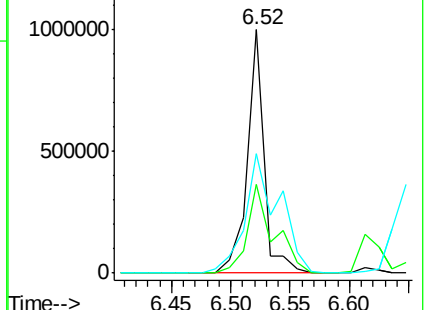
66 49.2 30.6 70.6

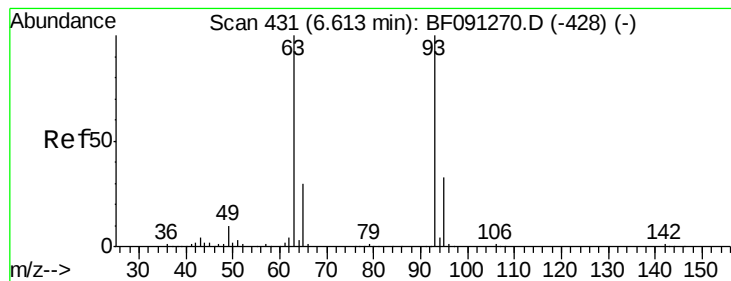


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

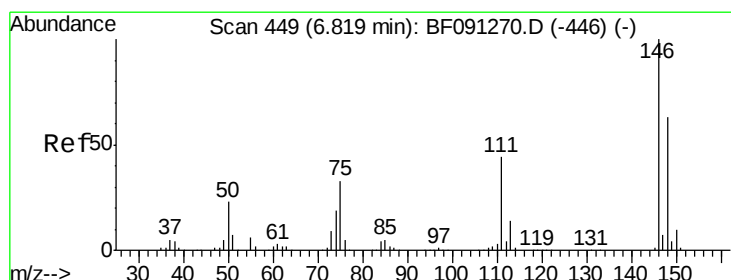
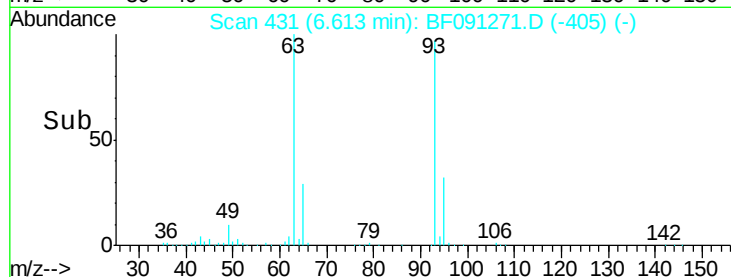
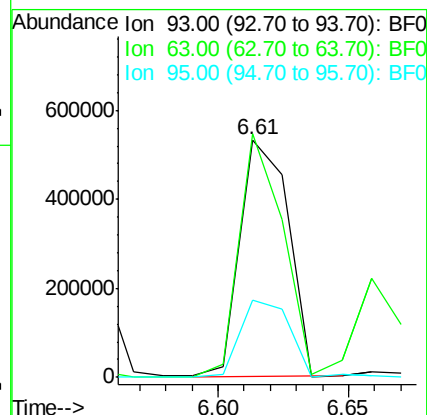
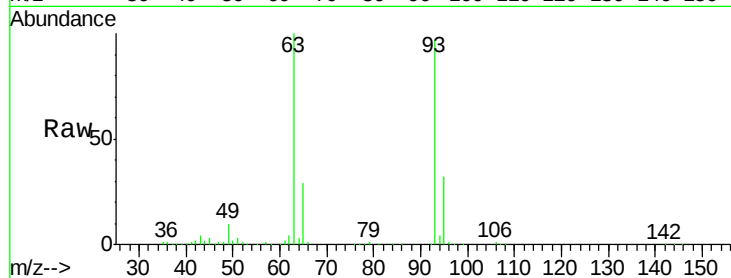




#11
bis(2-Chloroethyl)ether
Concen: 46.96 ng
RT: 6.61 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

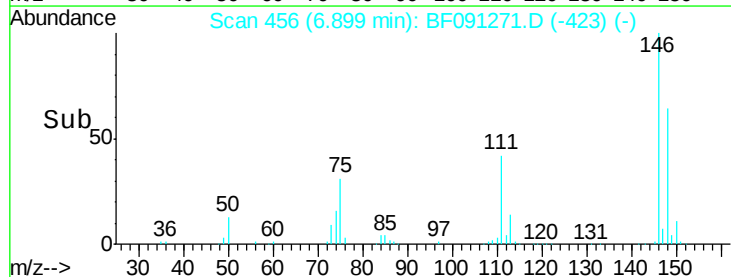
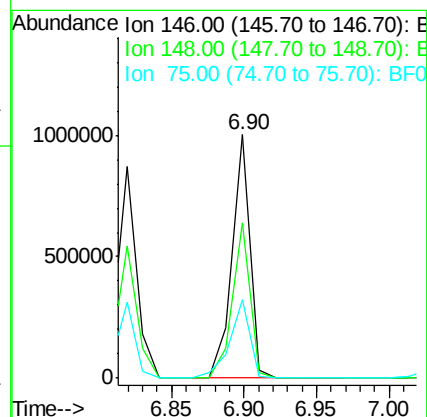
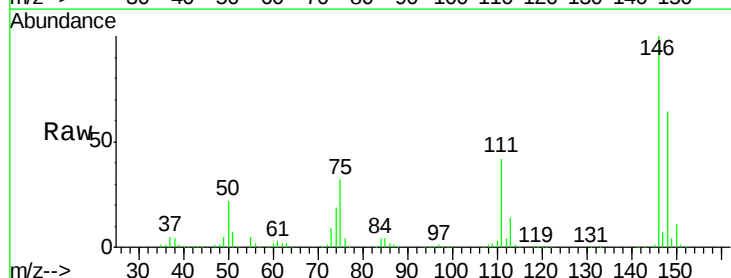
Instrument :
BNA_F
ClientSampleId :

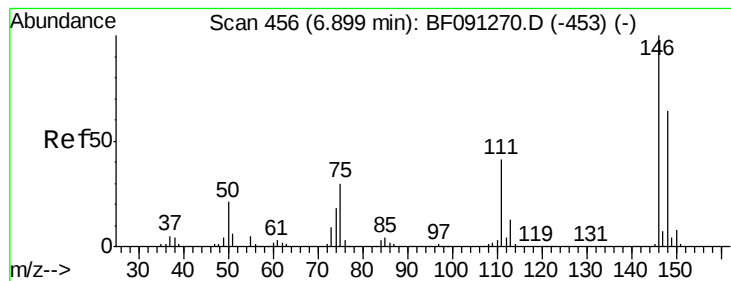
Tot Ion: 93 Resp: 689699
Ion Ratio Lower Upper
93 100
63 102.6 74.8 114.8
95 32.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 54.40 ng
RT: 6.90 min Scan# 456
Delta R.T. 0.08 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion: 146 Resp: 853658
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.0
75 32.4 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 52.06 ng

RT: 6.90 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

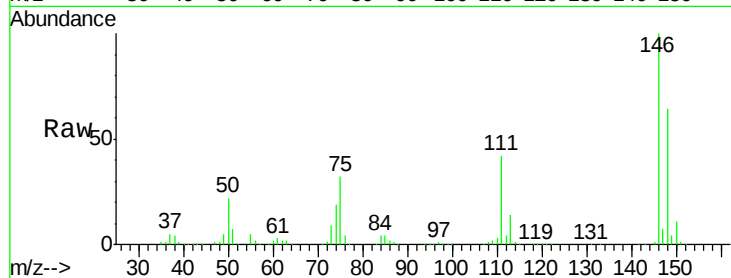
Tot Ion:146 Resp: 853658

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.0

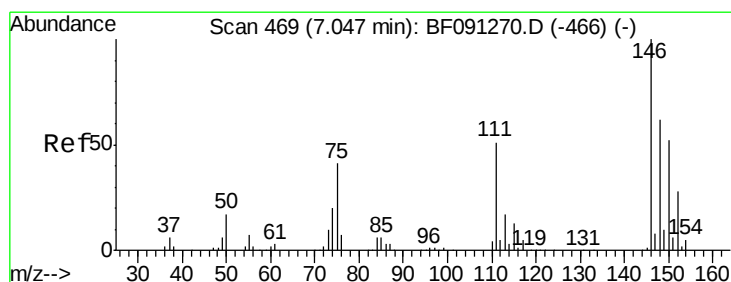
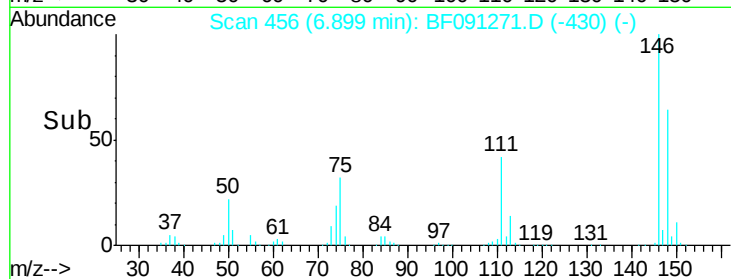
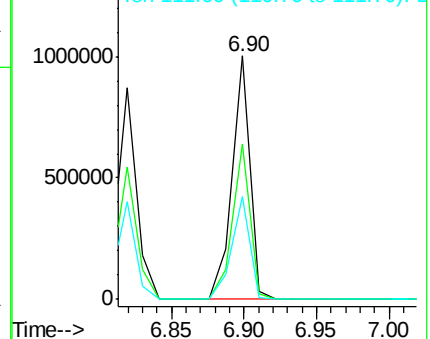
111 42.0 32.2 48.2



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: 58.62 ng

RT: 6.90 min Scan# 456

Delta R.T. -0.15 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

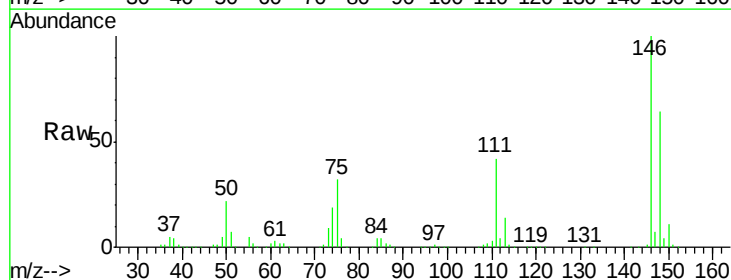
Tgt Ion:146 Resp: 853658

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.6

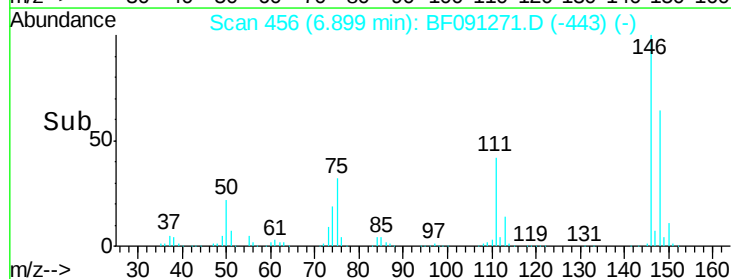
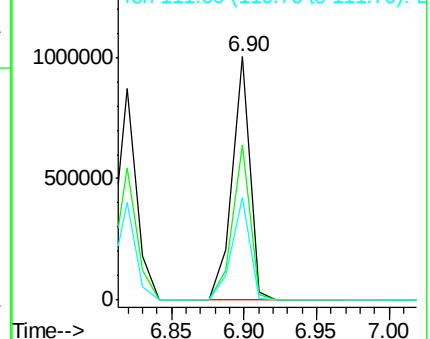
111 42.0 38.9 58.3

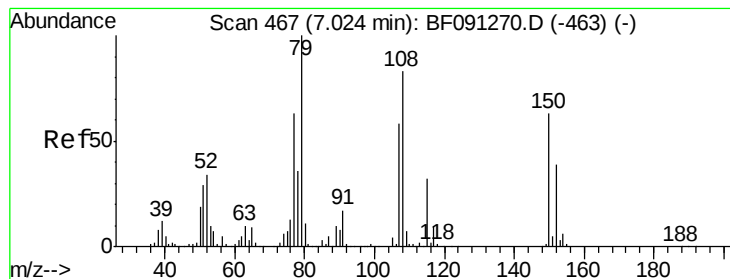


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 56.12 ng

RT: 7.02 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

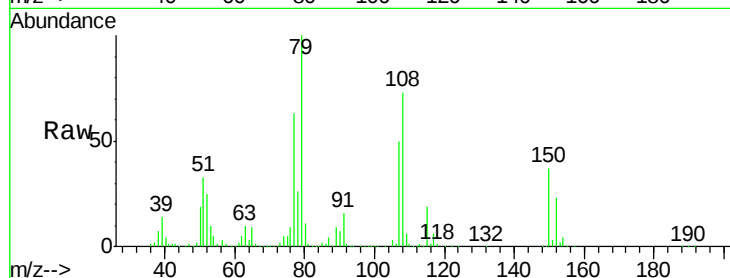
Tot Ion: 79 Resp: 710249

Ion Ratio Lower Upper

79 100

108 72.7 62.7 94.1

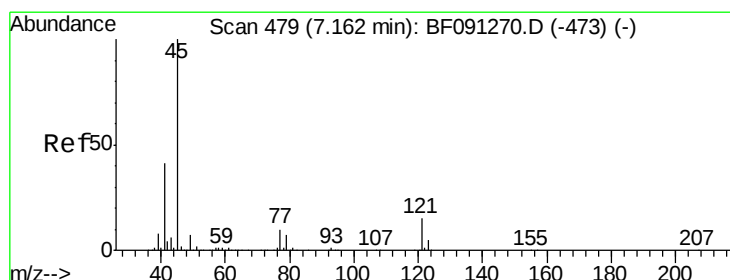
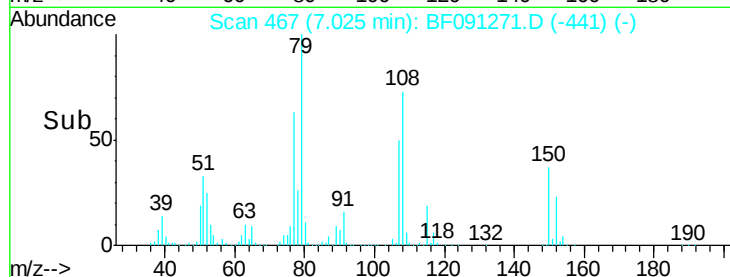
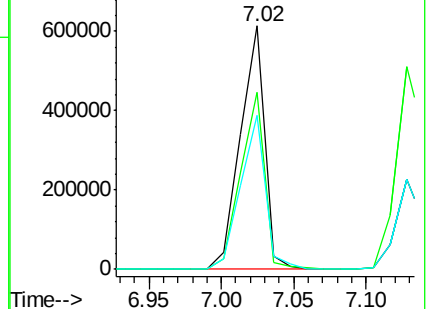
77 63.3 51.7 77.5



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: 52.94 ng

RT: 7.16 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

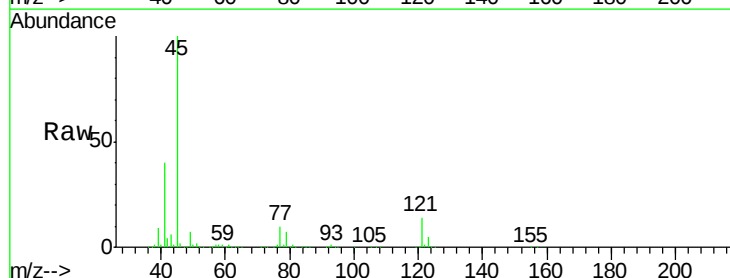
Tgt Ion: 45 Resp: 1487907

Ion Ratio Lower Upper

45 100

77 9.7 3.8 43.8

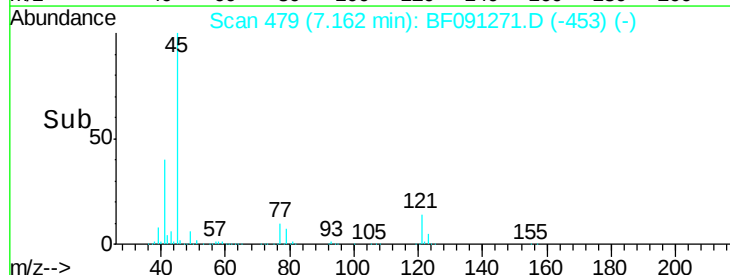
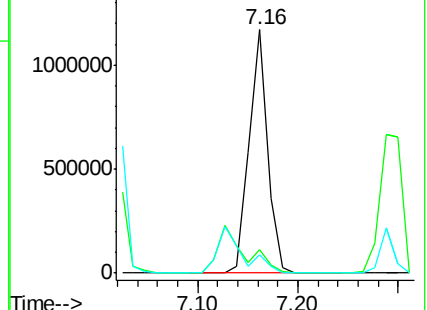
79 7.4 0.2 40.2

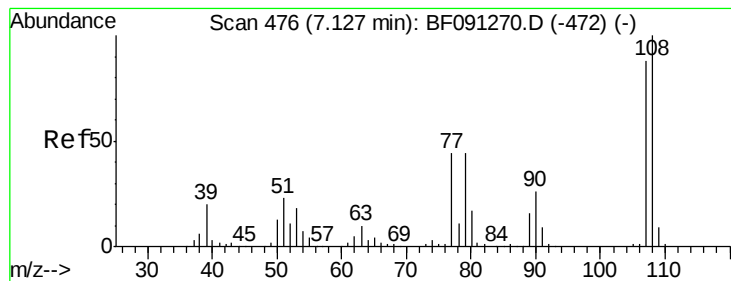


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

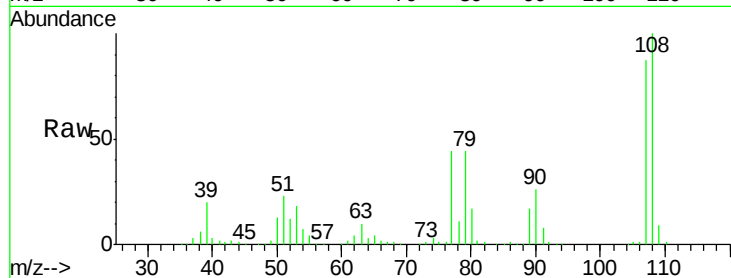




#17
2-Methylphenol
Concen: 41.76 ng
RT: 7.13 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.3	67.7	101.5#
77	51.2	40.7	61.1
79	50.9	23.4	35.2#



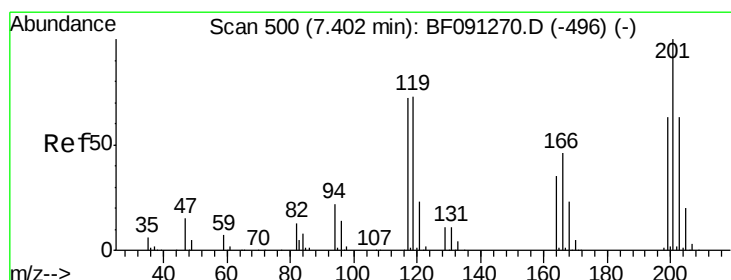
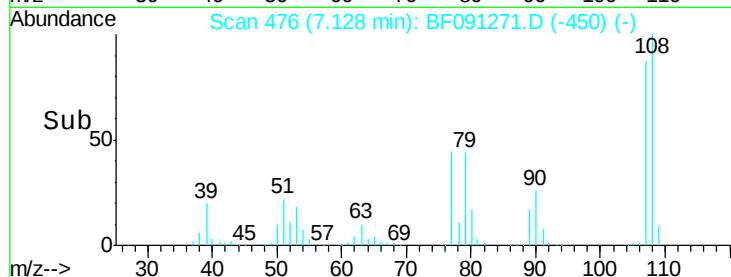
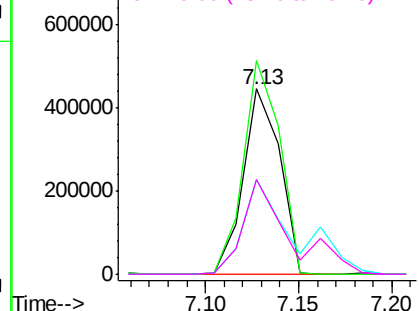
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

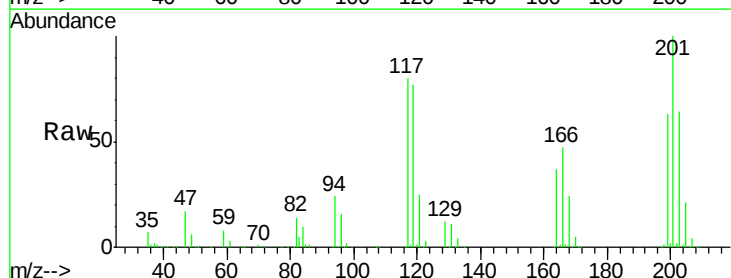
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 49.67 ng
RT: 7.40 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.6	118.0
201	125.3	86.7	130.1

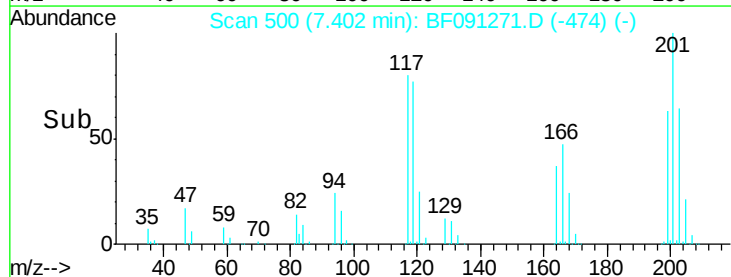
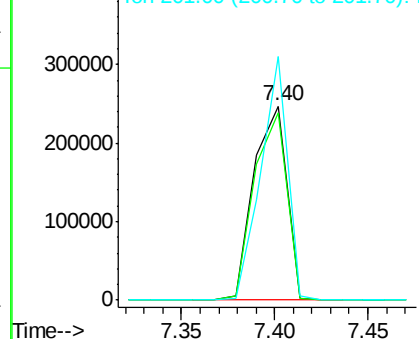


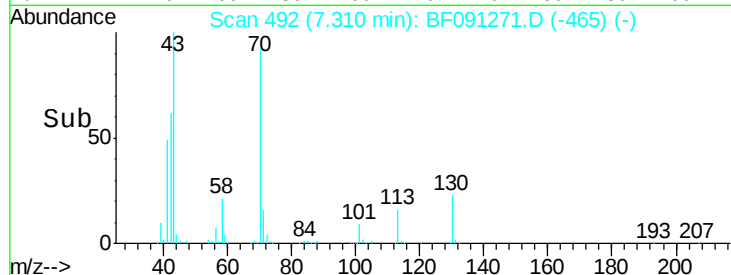
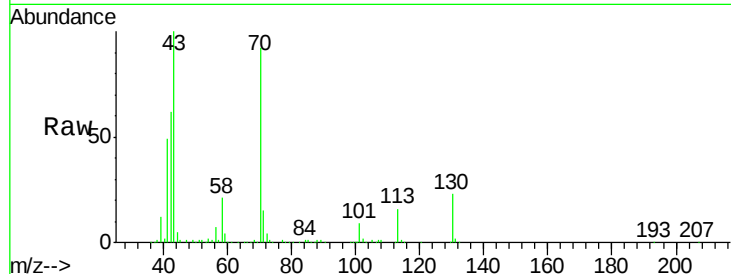
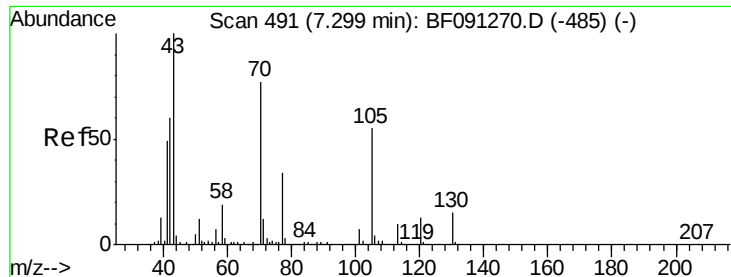
Abundance

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

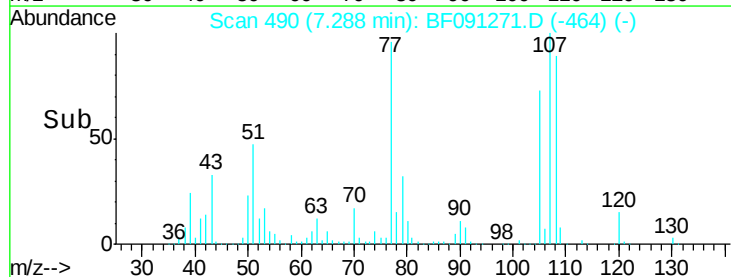
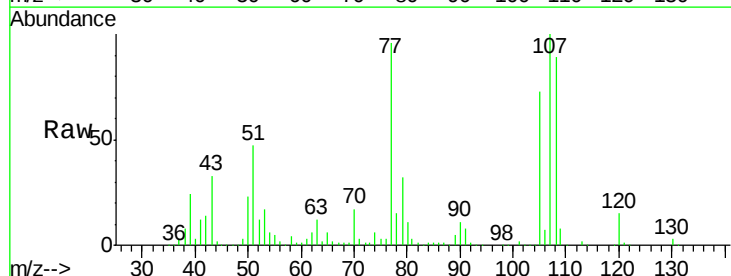
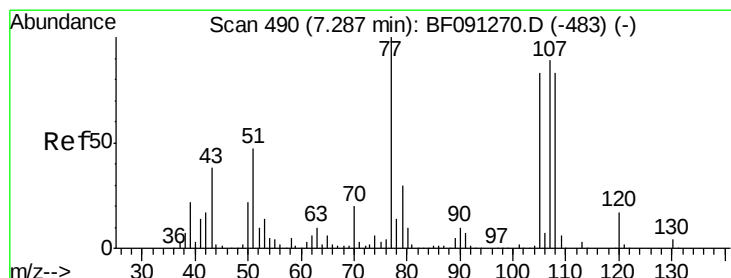
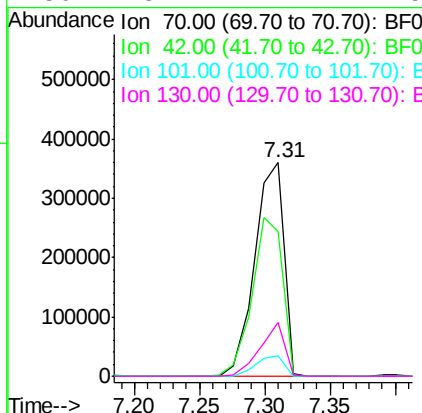




#19
n-Nitroso-di-n-propylamine
Concen: 47.93 ng
RT: 7.31 min Scan# 492
Delta R.T. 0.01 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

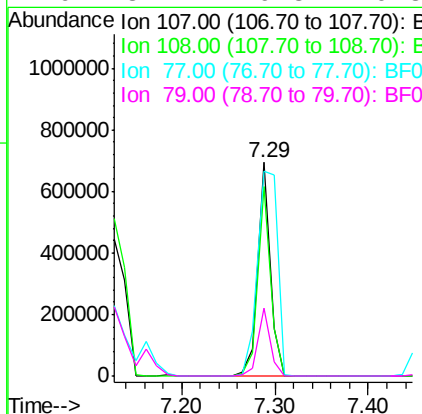
Instrument :
BNA_F
ClientSampled :

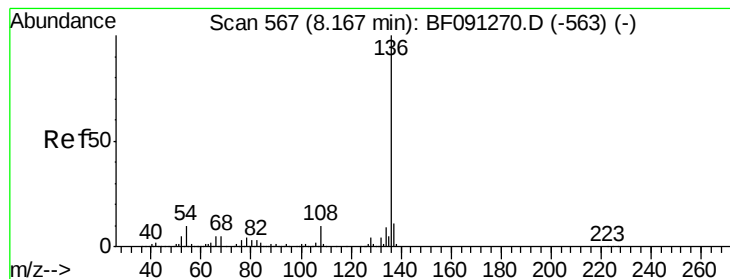
Tot Ion: 70 Resp: 564380
Ion Ratio Lower Upper
70 100
42 67.9 64.8 97.2
101 9.9 6.2 9.4#
130 25.4 11.7 17.5#



#20
3+4-Methylphenols
Concen: 45.07 ng
RT: 7.29 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion: 107 Resp: 654216
Ion Ratio Lower Upper
107 100
108 88.7 64.6 104.6
77 95.7 30.9 70.9#
79 31.7 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF091271.D

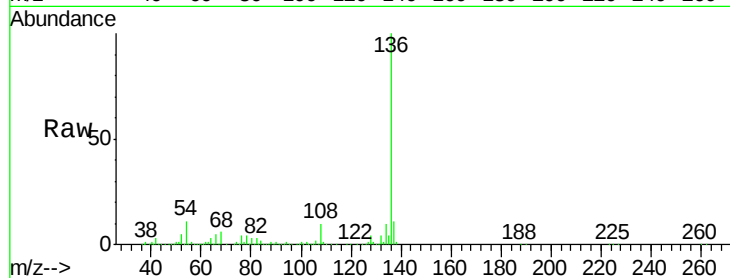
Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp: 929127
Ion Ratio	Lower Upper
136 100	
137 10.9	9.1 13.7
54 10.8	9.1 13.7
68 5.5	5.9 8.9#

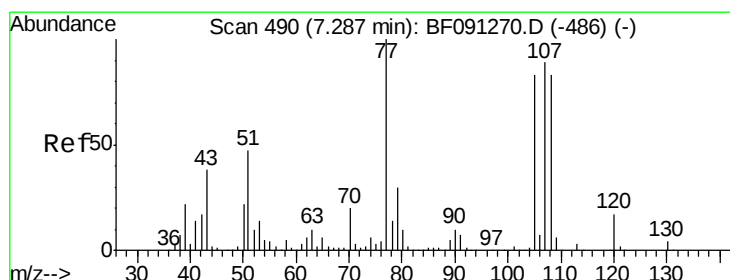
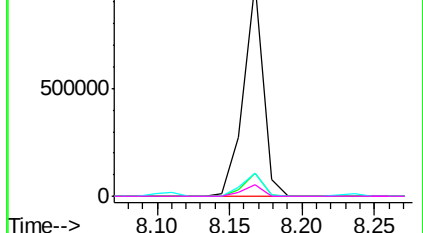
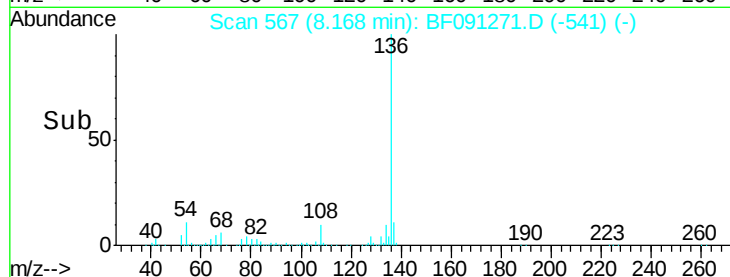


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.80 ng

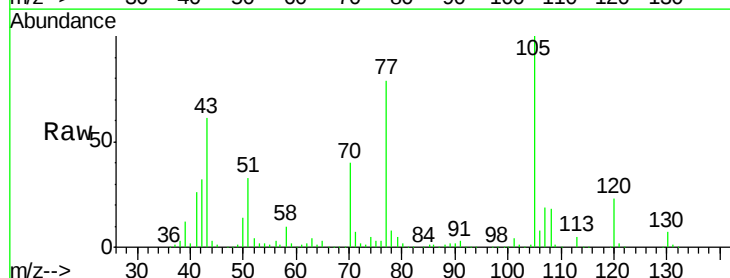
RT: 7.30 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Tgt Ion:105	Resp: 1014442
Ion Ratio	Lower Upper
105 100	
71 6.6	7.9 11.9#
51 32.5	24.5 36.7
120 22.6	16.6 24.8

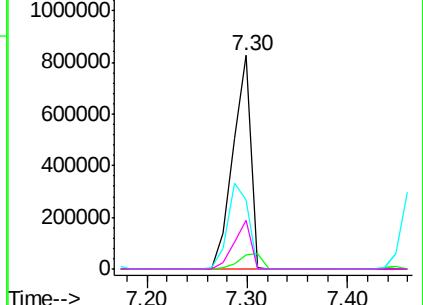
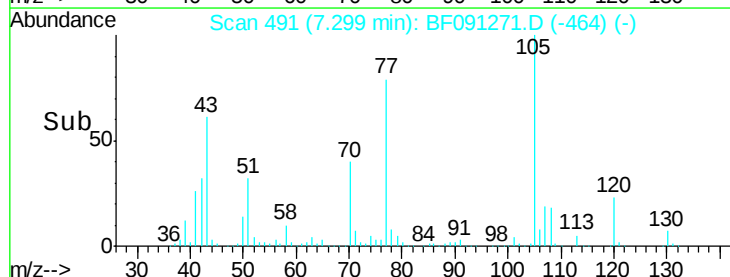


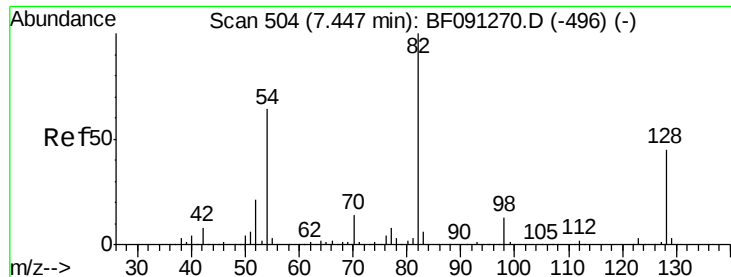
Abundance Ion 105.00 (104.70 to 105.70): E

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

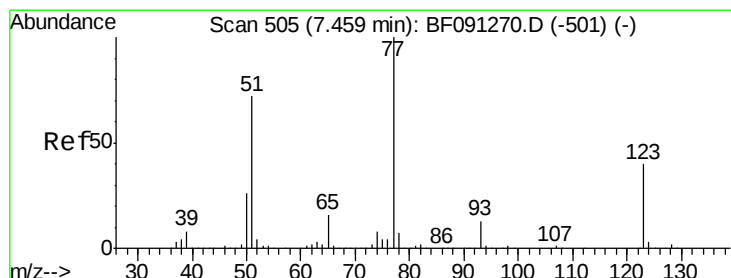
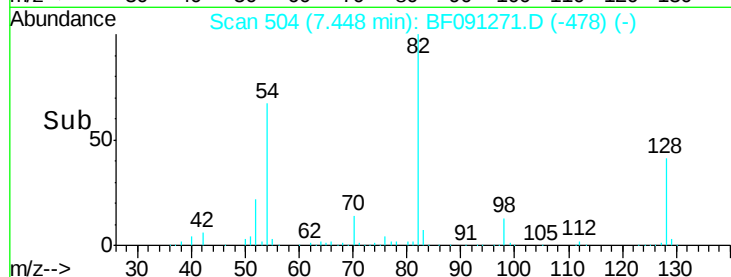
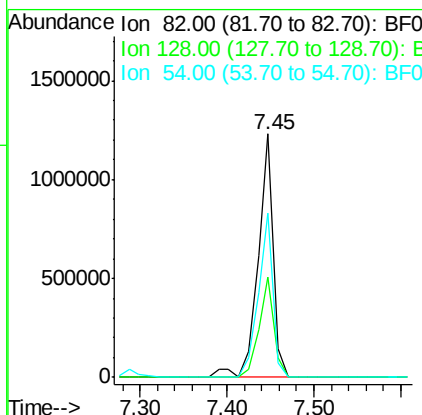
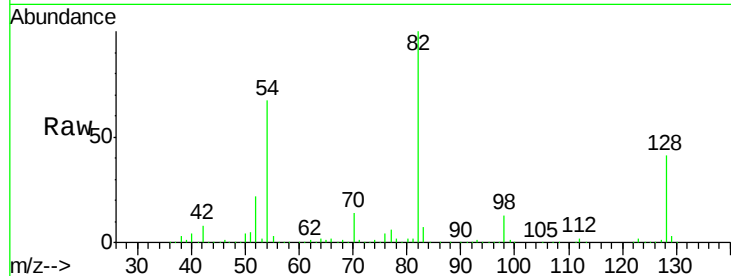




#23
 Nitrobenzene-d5
 Concen: 90.01 ng
 RT: 7.45 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

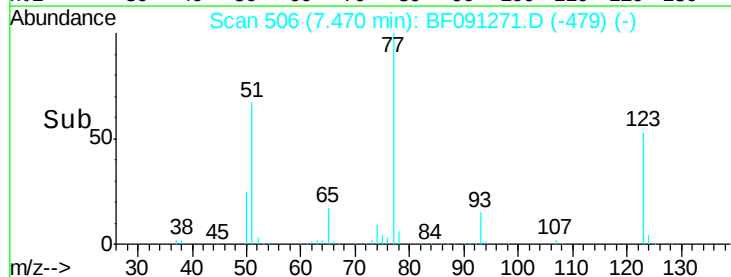
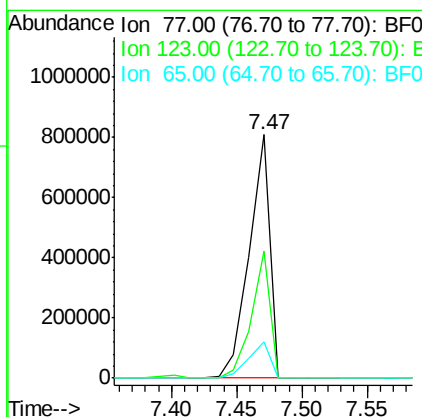
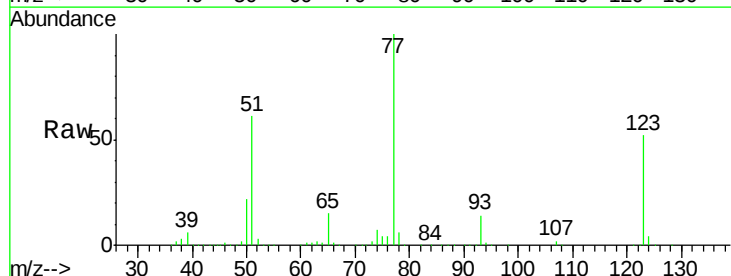
Instrument :
 BNA_F
 ClientSampleId :

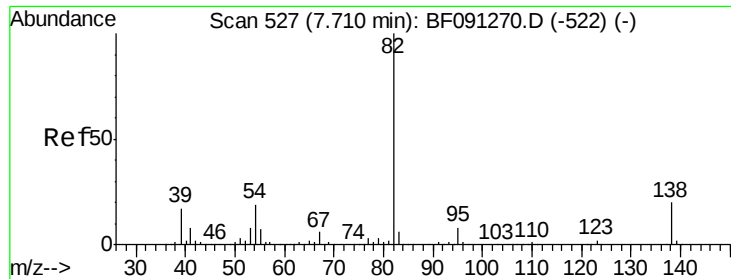
Tot Ion: 82 Resp: 1516620
 Ion Ratio Lower Upper
 82 100
 128 41.2 31.8 47.6
 54 67.2 49.1 73.7



#24
 Nitrobenzene
 Concen: 47.31 ng
 RT: 7.47 min Scan# 506
 Delta R.T. 0.01 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion: 77 Resp: 887464
 Ion Ratio Lower Upper
 77 100
 123 52.3 28.5 42.7#
 65 15.0 12.5 18.7





#25

Isophorone

Concen: 45.45 ng

RT: 7.71 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

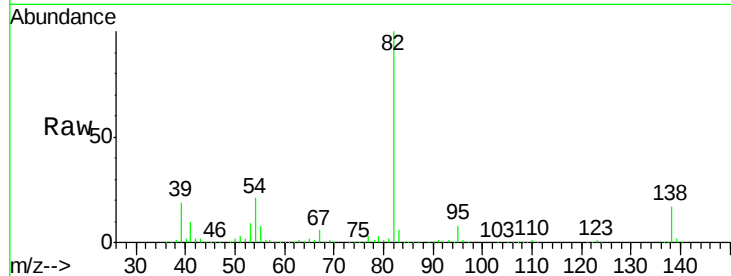
Tot Ion: 82 Resp: 1444686

Ion Ratio Lower Upper

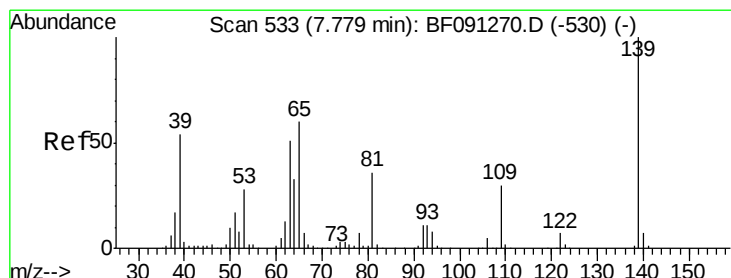
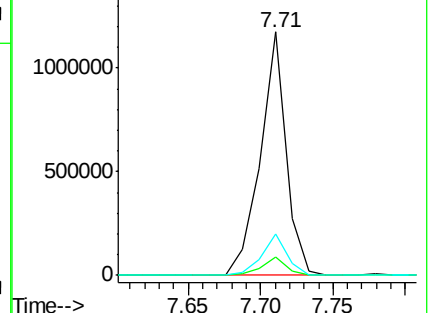
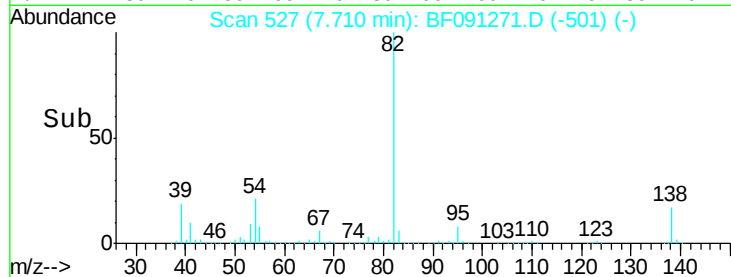
82 100

95 7.6 5.7 8.5

138 17.0 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: 42.44 ng

RT: 7.78 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

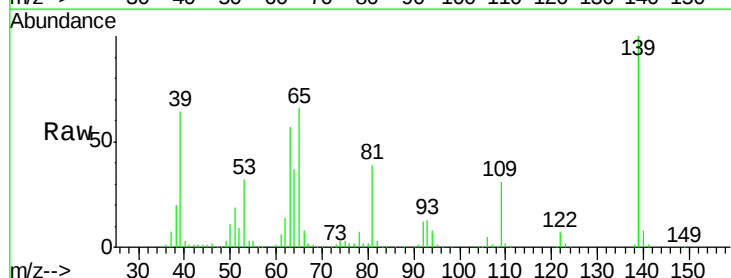
Tgt Ion: 139 Resp: 340120

Ion Ratio Lower Upper

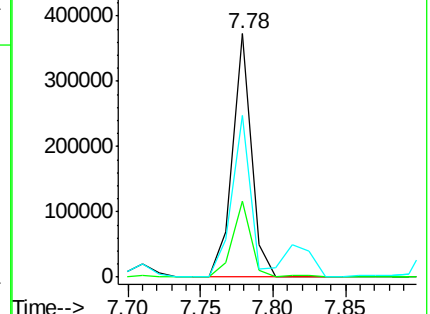
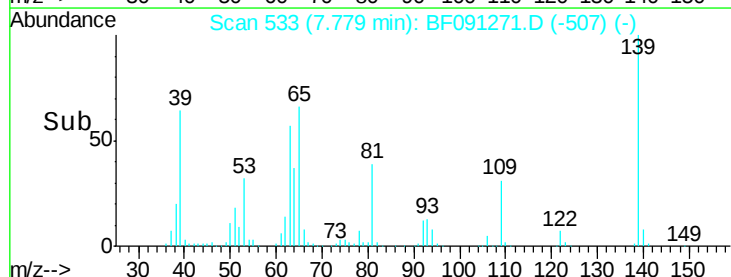
139 100

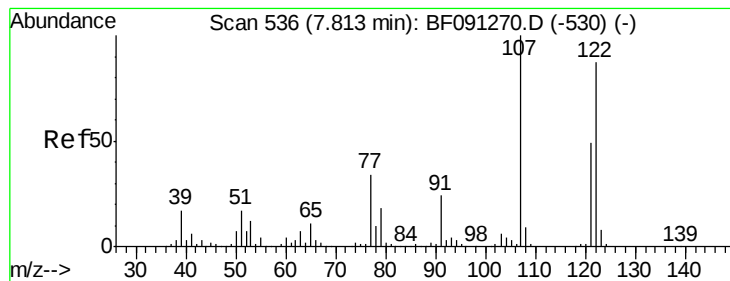
109 31.2 25.3 37.9

65 66.3 55.4 83.2



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





#27

2,4-Dimethylphenol

Concen: 55.44 ng

RT: 7.82 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

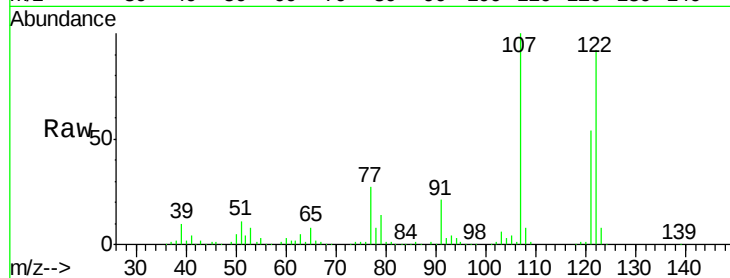
Tot Ion:122 Resp: 700084

Ion Ratio Lower Upper

122 100

107 108.7 96.8 145.2

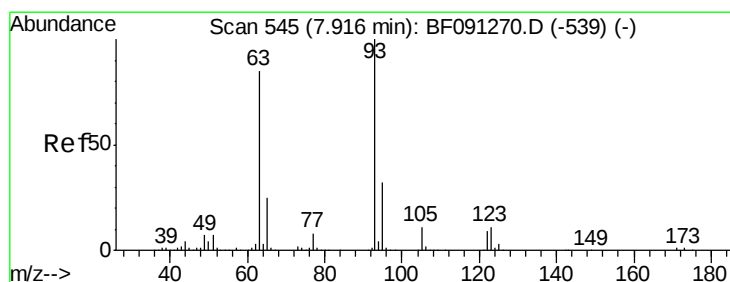
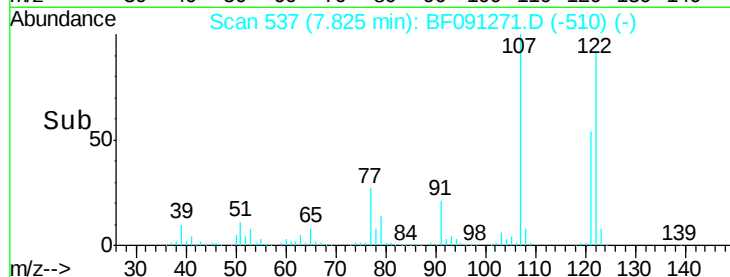
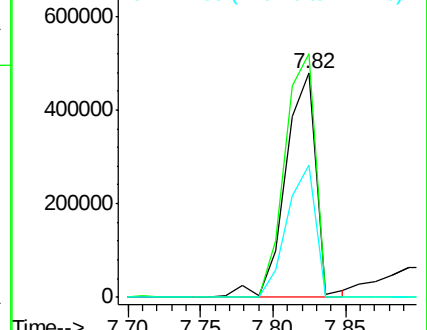
121 59.0 47.7 71.5



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: 45.27 ng

RT: 7.92 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

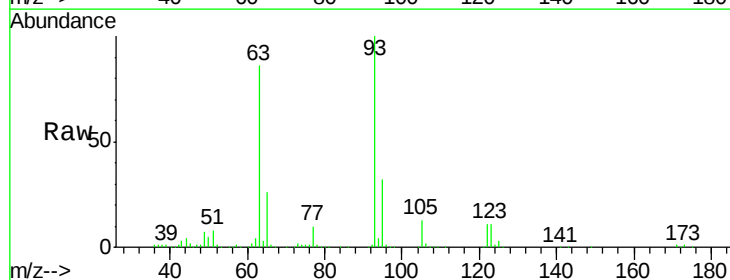
Tgt Ion: 93 Resp: 786401

Ion Ratio Lower Upper

93 100

95 32.0 26.0 39.0

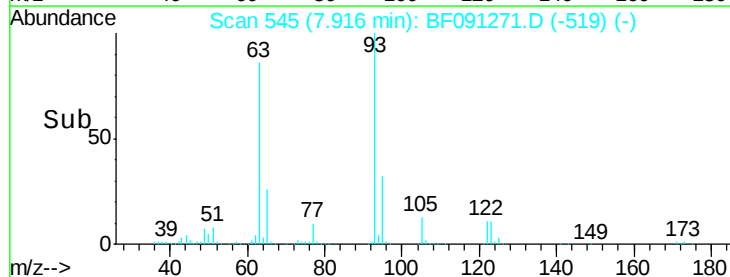
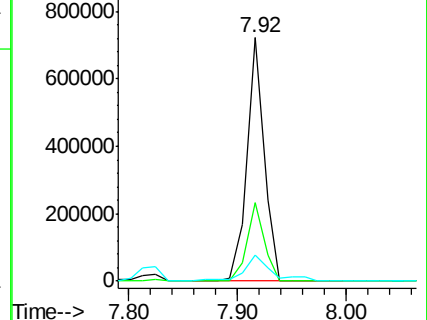
123 10.7 8.6 12.8

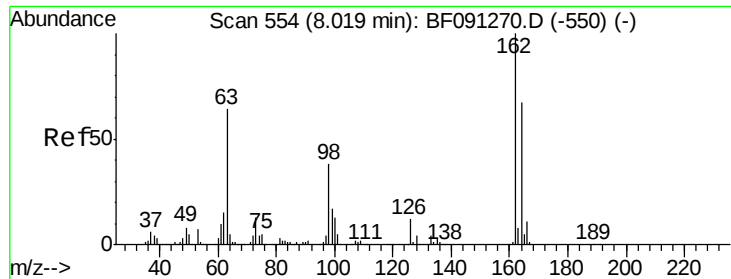


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

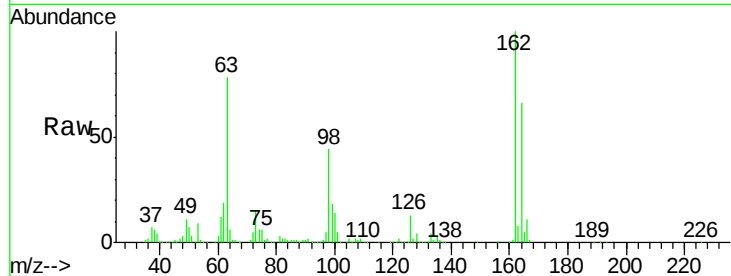




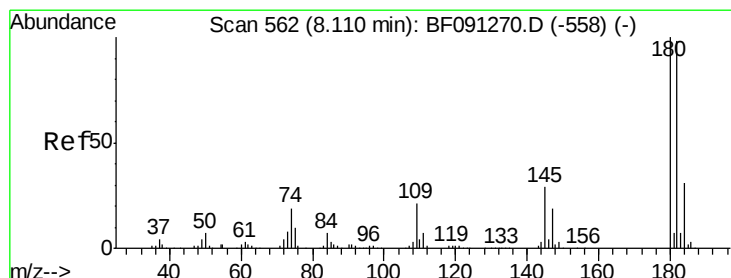
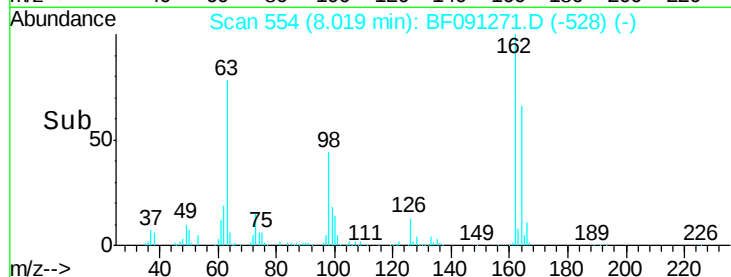
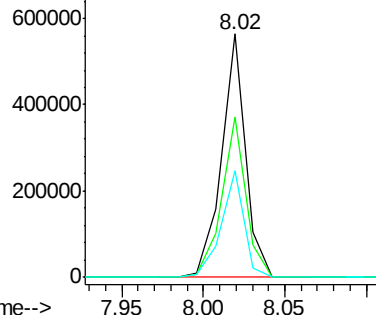
#29
2,4-Dichlorophenol
Concen: 45.98 ng
RT: 8.02 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 577673
Ion Ratio Lower Upper
162 100
164 65.7 45.0 85.0
98 43.8 21.3 61.3

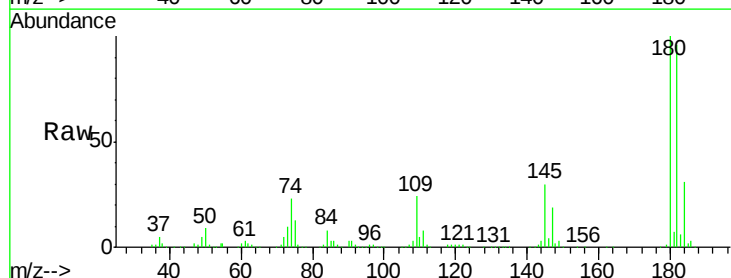


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

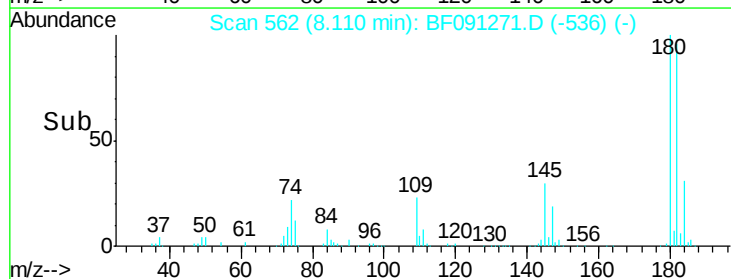
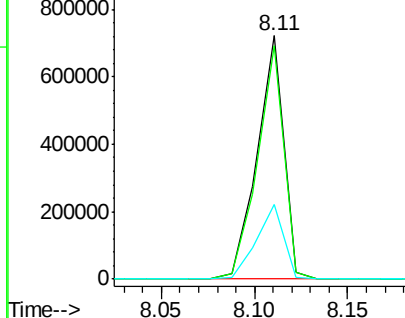


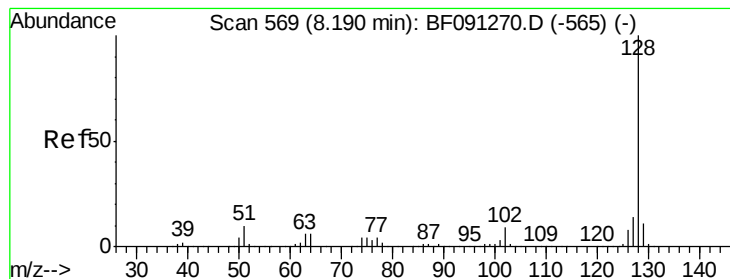
#30
1,2,4-Trichlorobenzene
Concen: 50.46 ng
RT: 8.11 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion:180 Resp: 708222
Ion Ratio Lower Upper
180 100
182 95.6 75.8 113.8
145 30.4 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: 48.82 ng

RT: 8.19 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

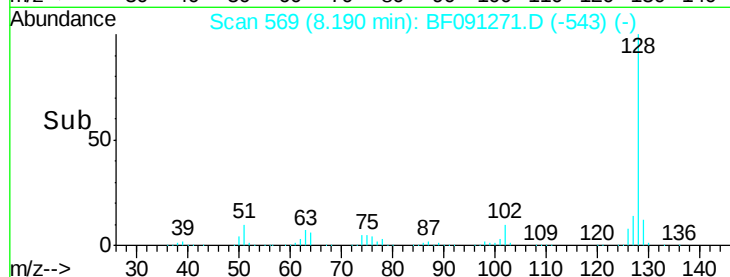
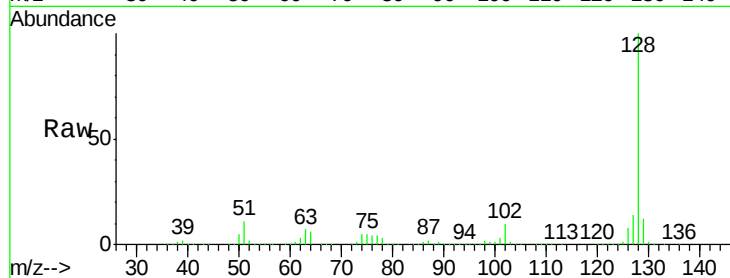
Tot Ion:128 Resp: 2119276

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

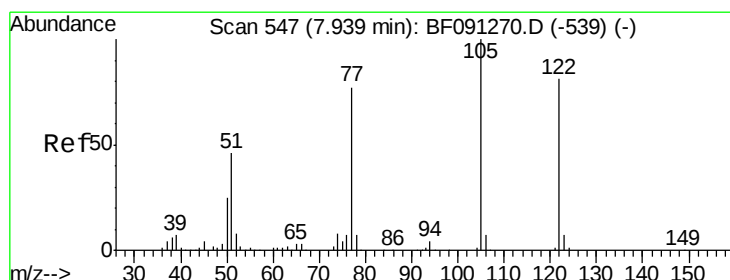
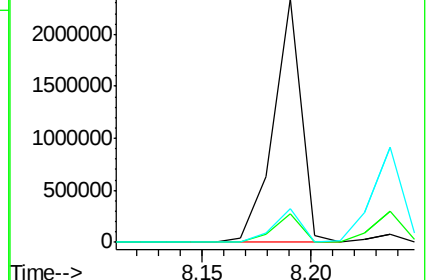
127 13.8 11.0 16.4



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: 64.54 ng

RT: 7.96 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

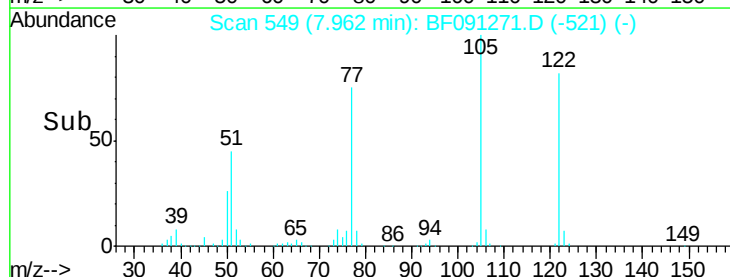
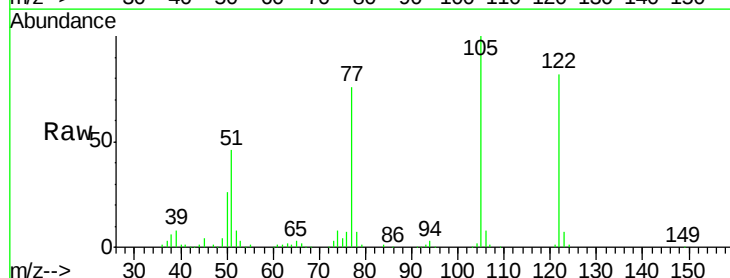
Tgt Ion:122 Resp: 592515

Ion Ratio Lower Upper

122 100

105 122.6 113.0 153.0

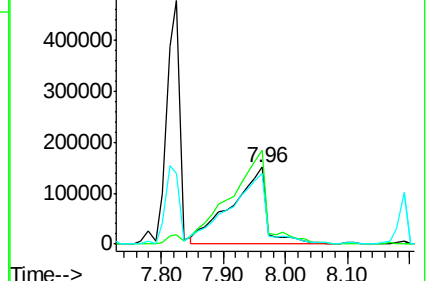
77 92.7 82.0 122.0

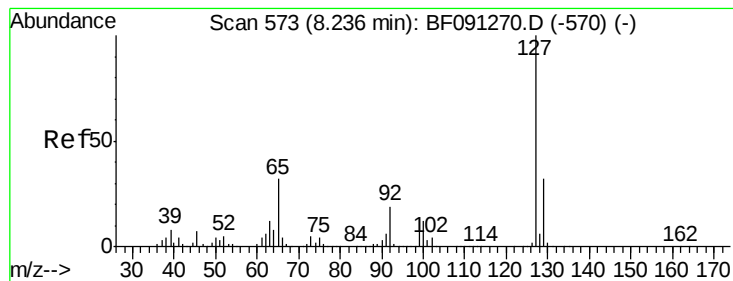


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 51.26 ng

RT: 8.24 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 900553

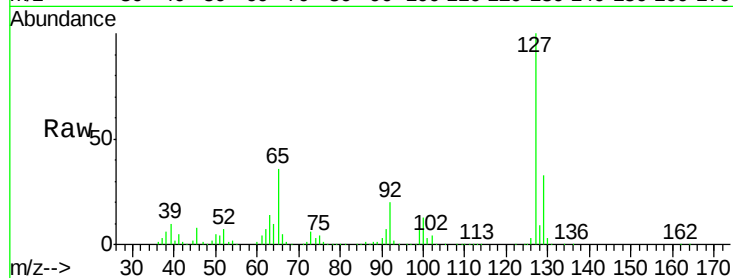
Ion Ratio Lower Upper

127 100

129 33.1 26.2 39.4

65 36.1 26.6 39.8

92 20.1 15.4 23.0

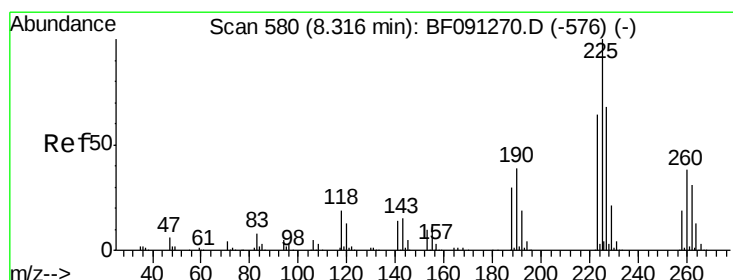
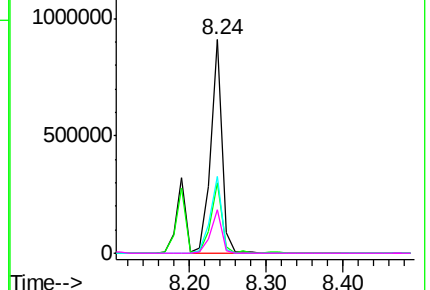
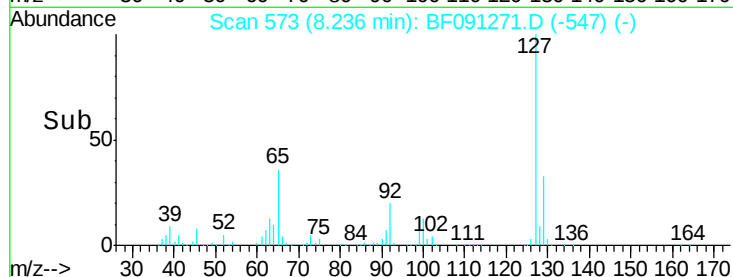


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 49.78 ng

RT: 8.32 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

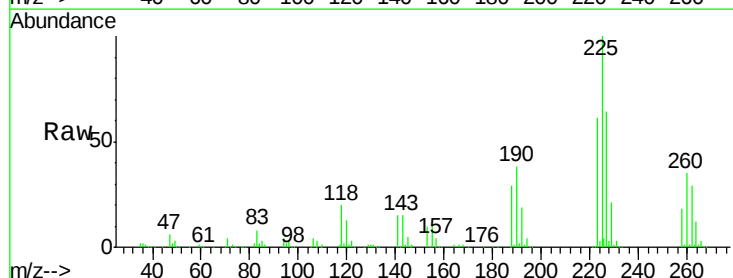
Tgt Ion:225 Resp: 414261

Ion Ratio Lower Upper

225 100

223 61.0 49.8 74.6

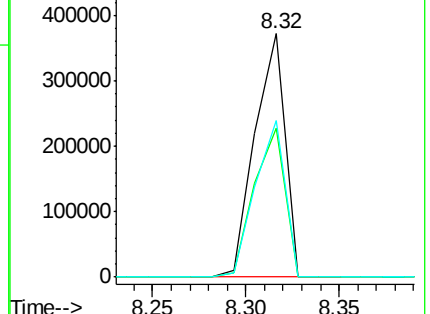
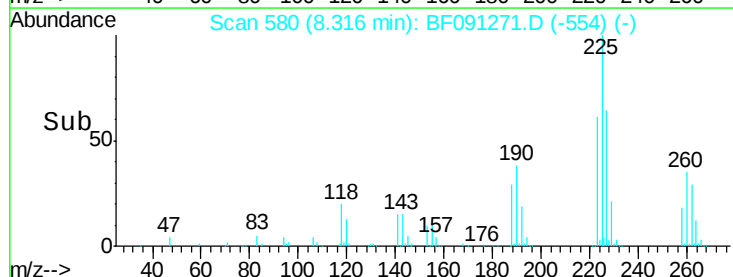
227 64.4 52.6 79.0

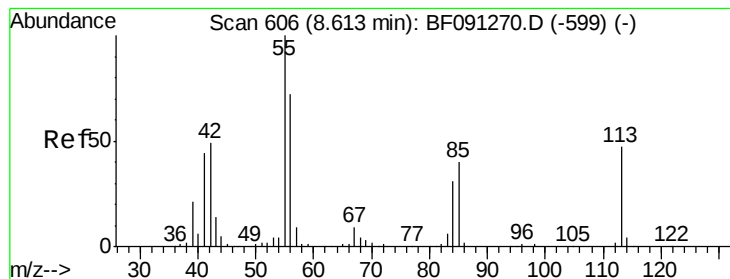


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 56.00 ng

RT: 8.62 min Scan# 607

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

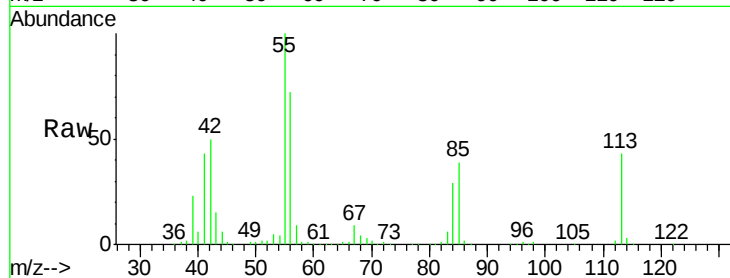
Tot Ion:113 Resp: 198125

Ion Ratio Lower Upper

113 100

55 234.8 239.8 279.8#

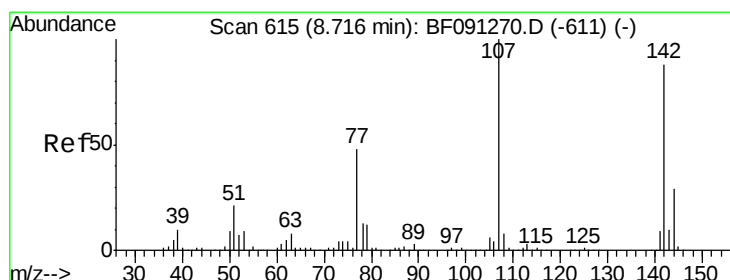
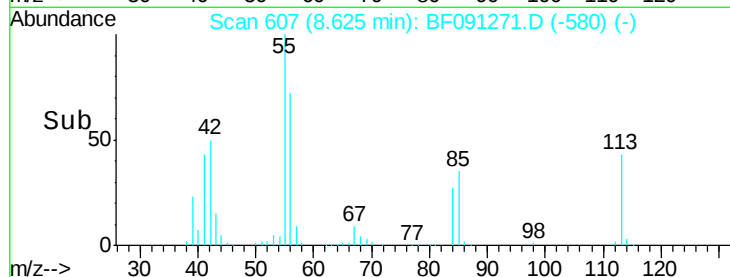
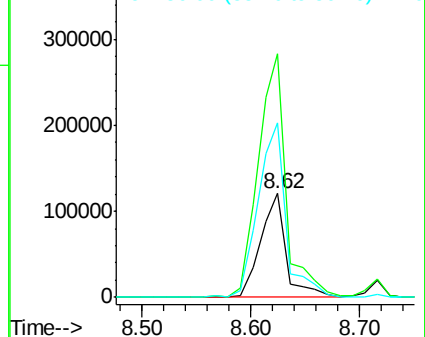
56 168.7 165.6 205.6



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: 47.24 ng

RT: 8.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

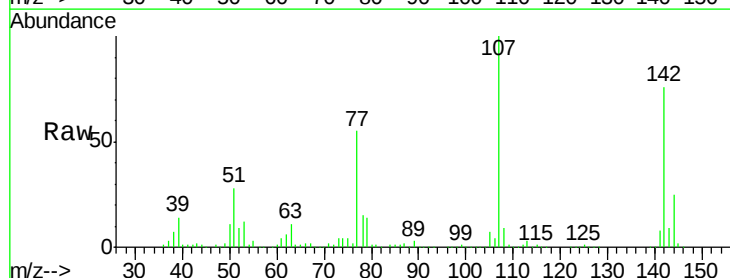
Tgt Ion:107 Resp: 650406

Ion Ratio Lower Upper

107 100

144 25.4 18.9 28.3

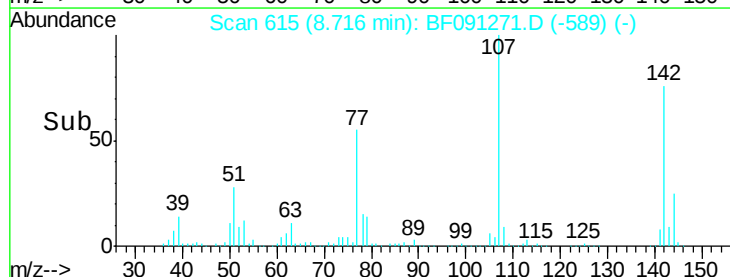
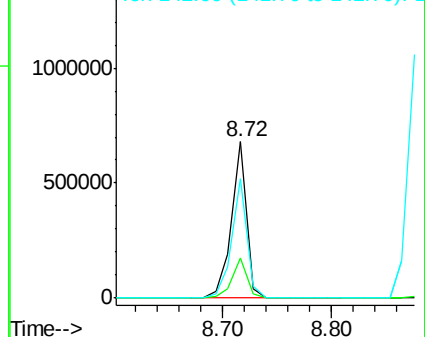
142 76.4 58.5 87.7

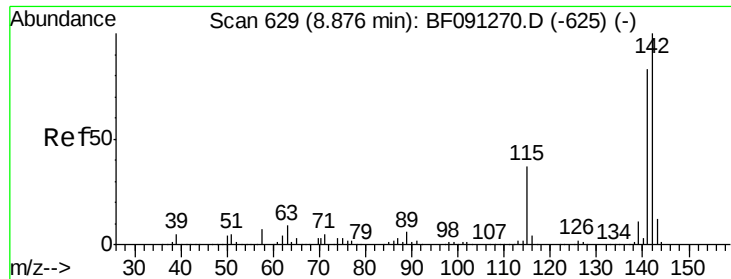


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

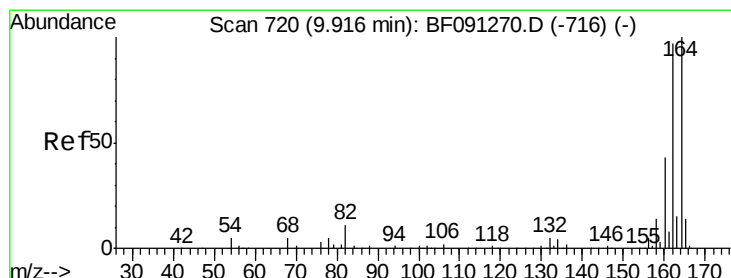
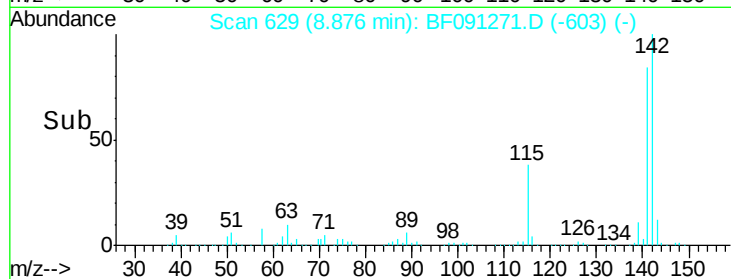
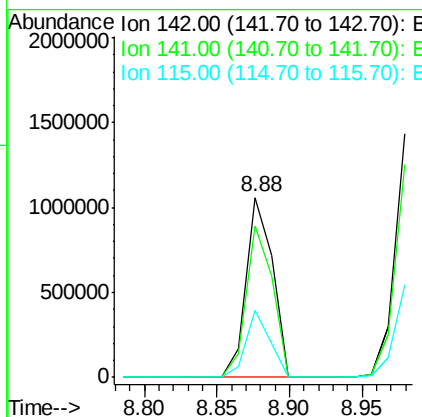
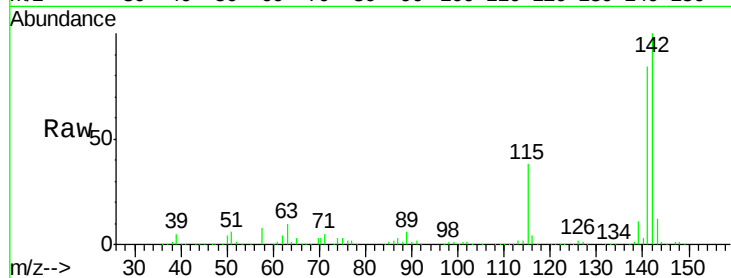




#37
2-Methylnaphthalene
Concen: 45.89 ng
RT: 8.88 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

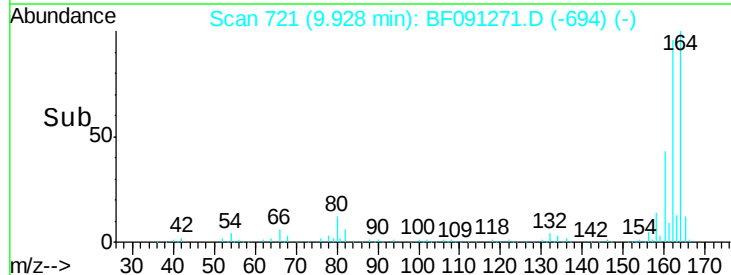
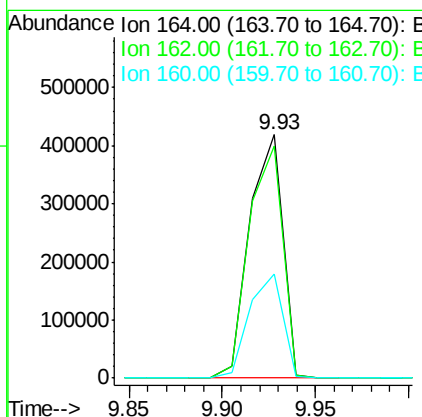
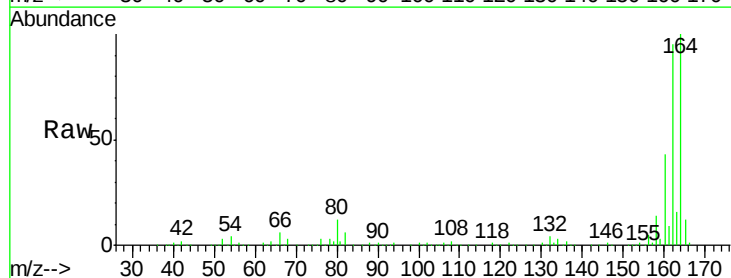
Instrument :
BNA_F
ClientSampleId :

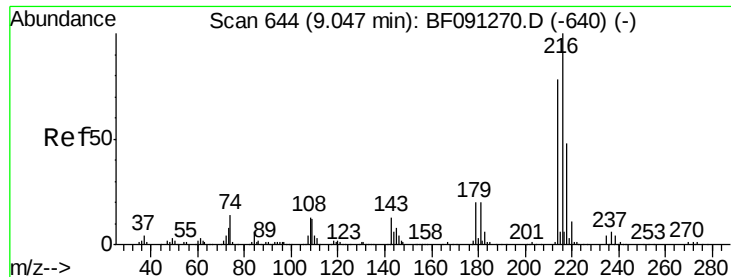
Tot Ion:142 Resp: 1335896
Ion Ratio Lower Upper
142 100
141 84.1 71.7 107.5
115 37.6 25.0 37.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion:164 Resp: 517243
Ion Ratio Lower Upper
164 100
162 95.4 82.6 124.0
160 42.7 36.7 55.1

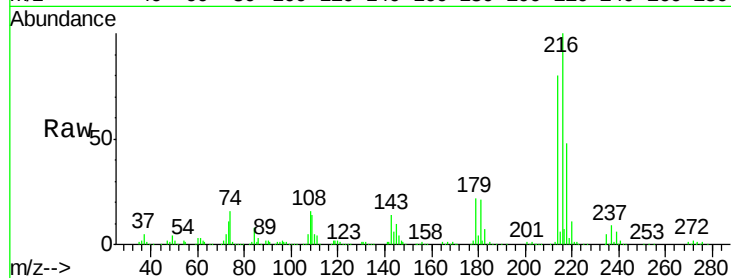




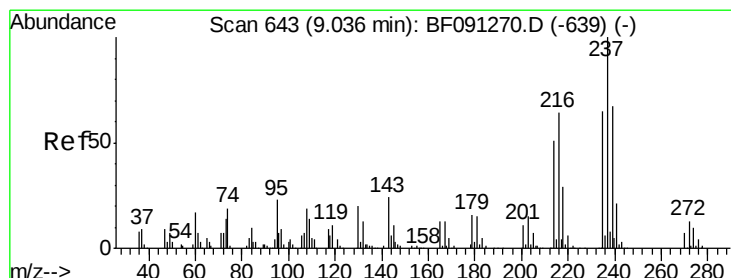
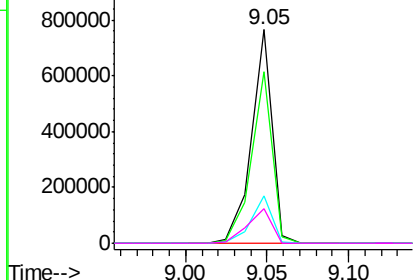
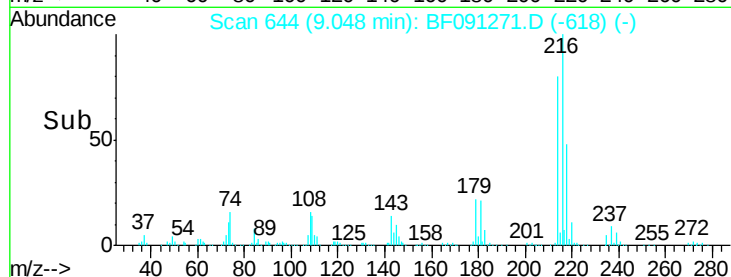
#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.24 ng
RT: 9.05 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:216	Resp:	674476
Ion Ratio	Lower	Upper
216	100	
214	80.2	63.8 95.8
179	22.6	18.2 27.2
108	18.8	17.2 25.8

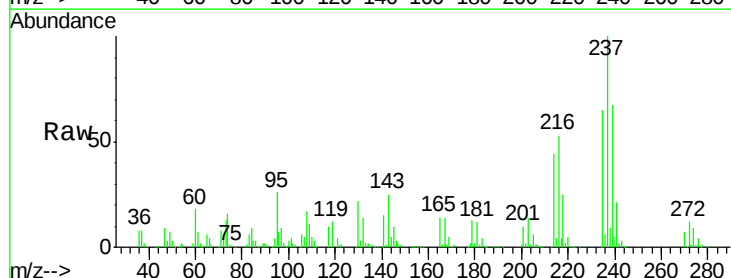


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

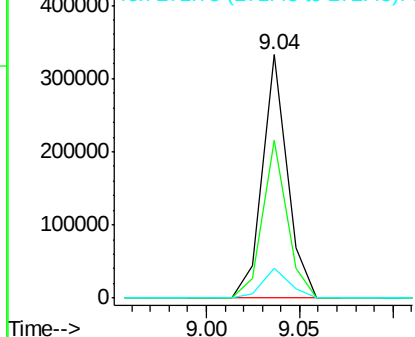
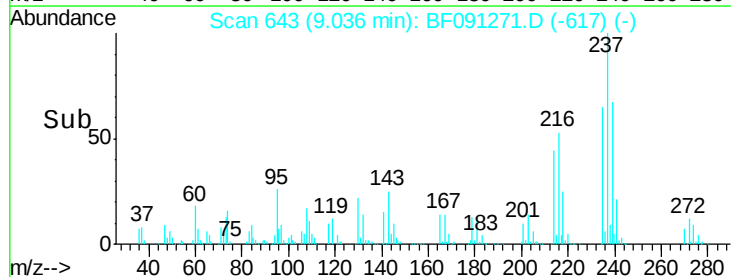


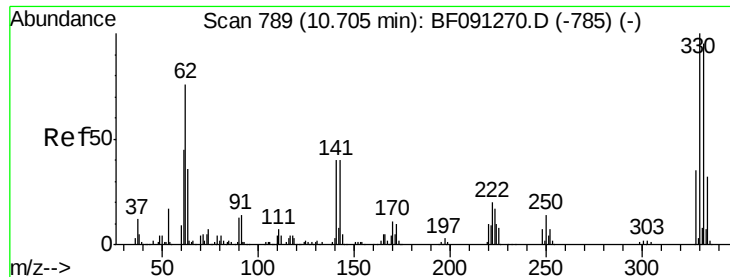
#40
Hexachlorocyclopentadiene
Concen: 67.89 ng
RT: 9.04 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion:237	Resp:	306192
Ion Ratio	Lower	Upper
237	100	
235	64.9	43.9 83.9
272	12.4	0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

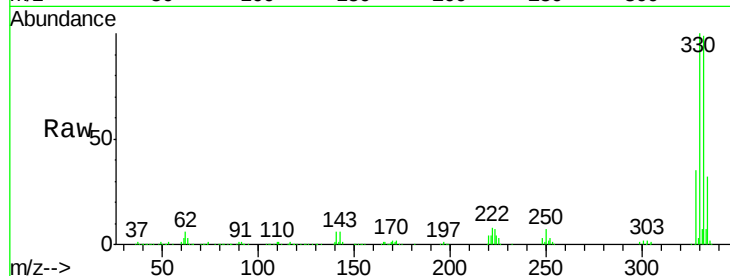




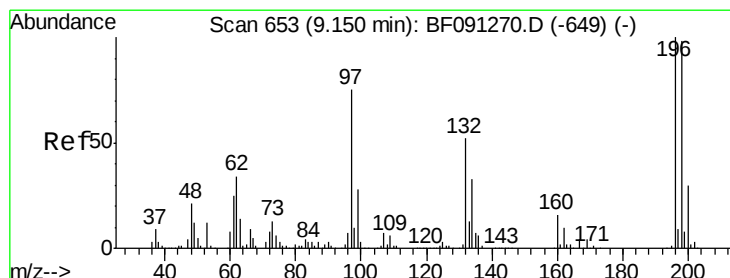
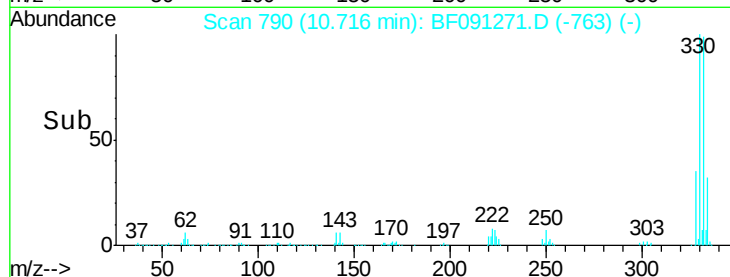
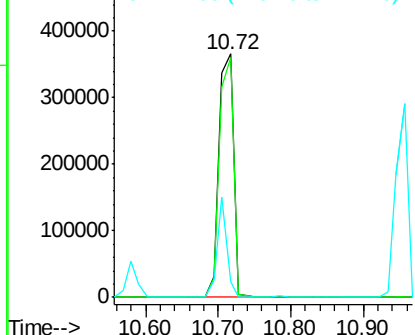
#41
 2,4,6-Tribromophenol
 Concen: 106.16 ng
 RT: 10.72 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 512623
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 27.0 33.6 50.4#

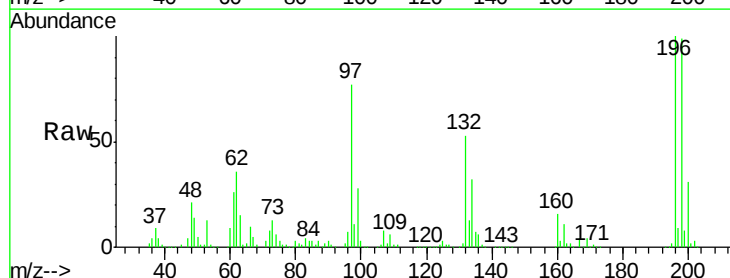


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

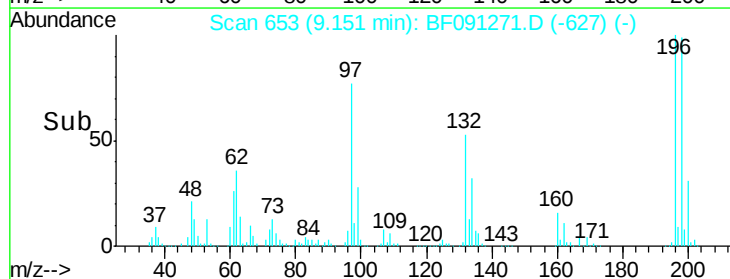
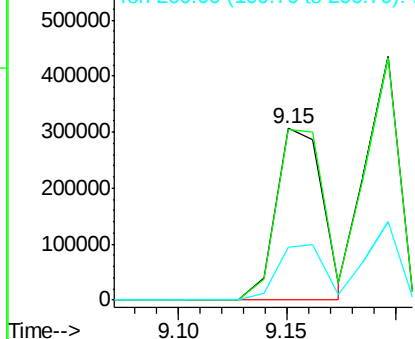


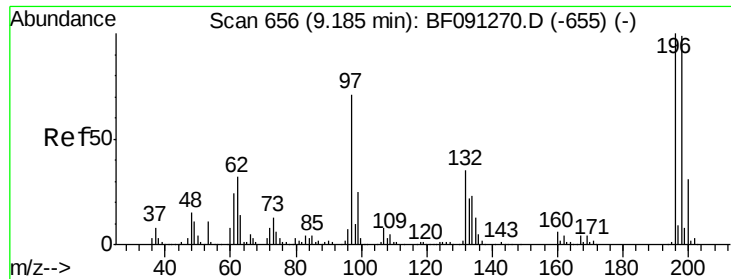
#42
 2,4,6-Trichlorophenol
 Concen: 51.33 ng
 RT: 9.15 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion:196 Resp: 455640
 Ion Ratio Lower Upper
 196 100
 198 99.5 77.4 116.0
 200 30.9 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

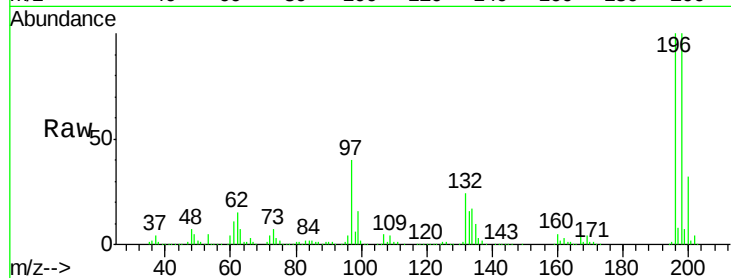




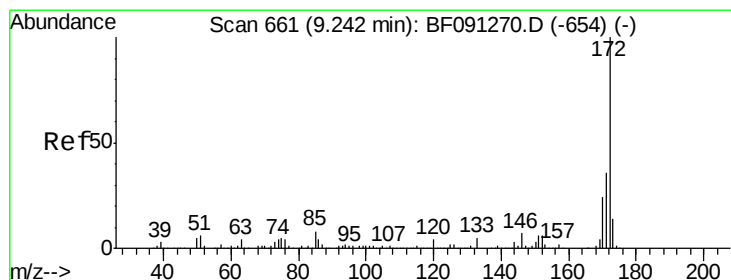
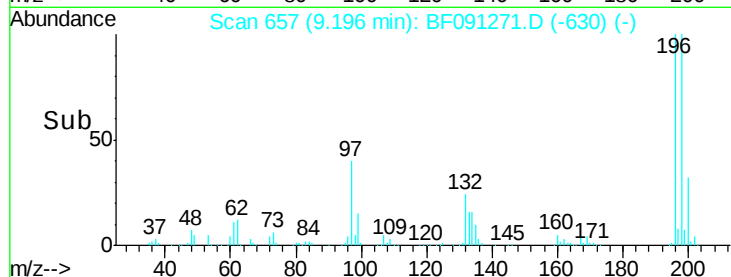
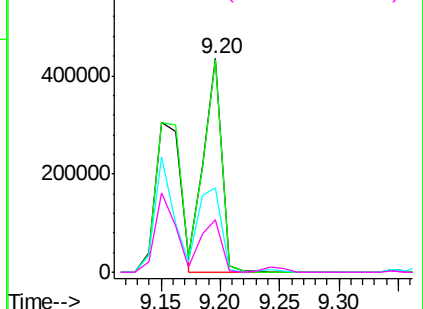
#43
 2,4,5-Trichlorophenol
 Concen: 49.42 ng
 RT: 9.20 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	99.6	77.0	115.6	
97	39.8	33.5	50.3	
132	24.4	20.5	30.7	

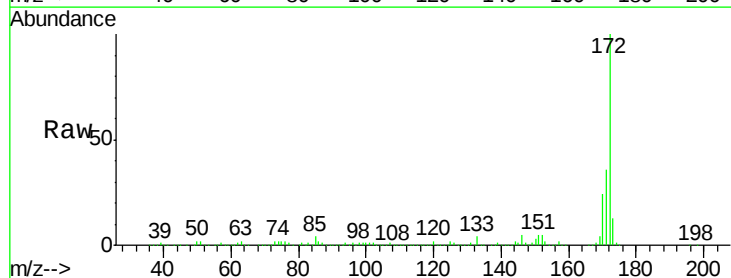


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

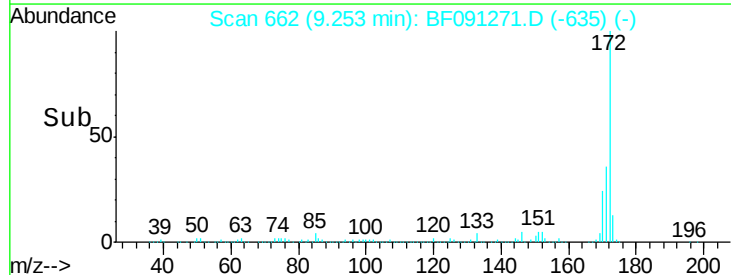
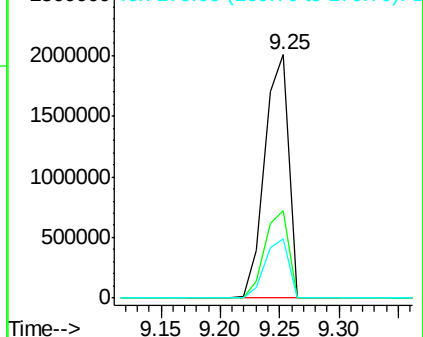


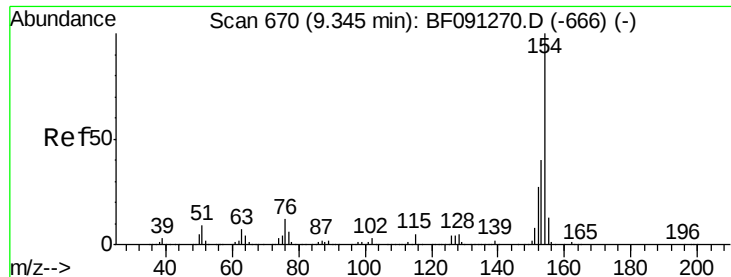
#44
 2-Fluorobiphenyl
 Concen: 95.36 ng
 RT: 9.25 min Scan# 662
 Delta R.T. 0.01 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.9	29.4	44.0	
170	24.3	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

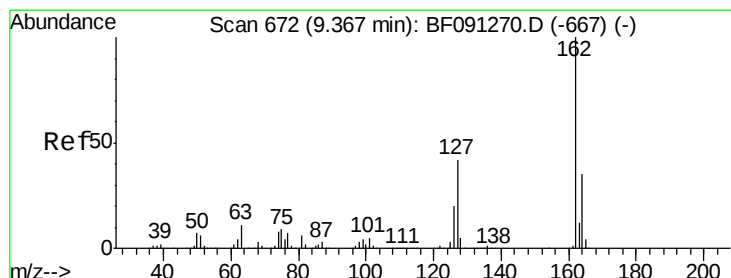
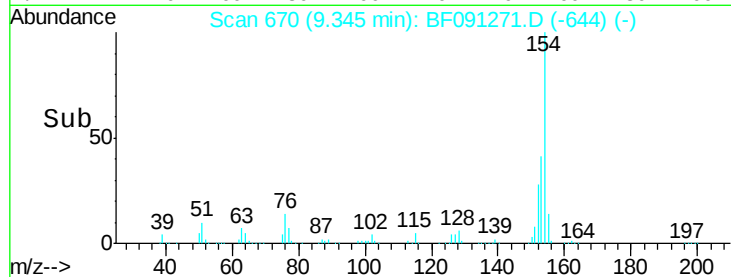
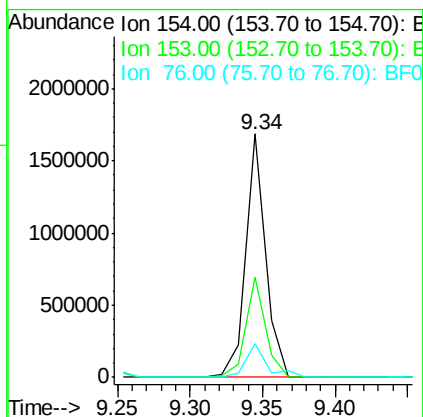
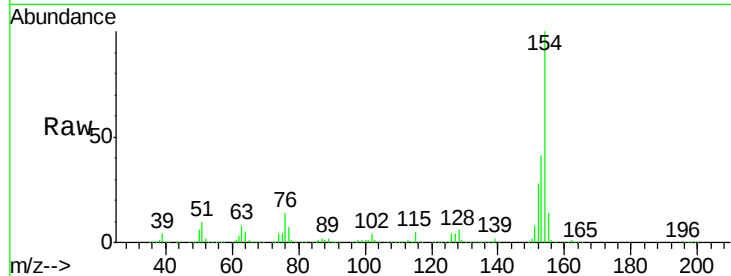




#45
 1,1'-Biphenyl
 Concen: 40.40 ng
 RT: 9.34 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

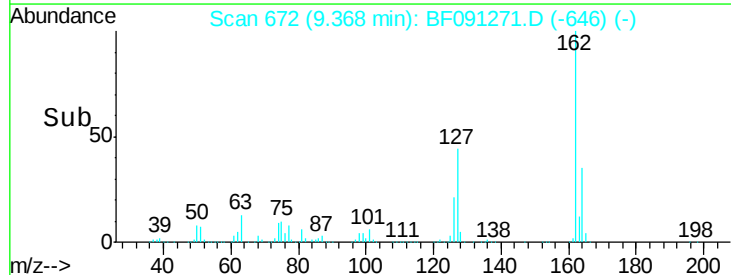
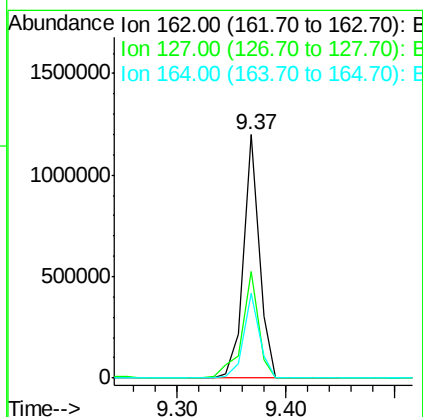
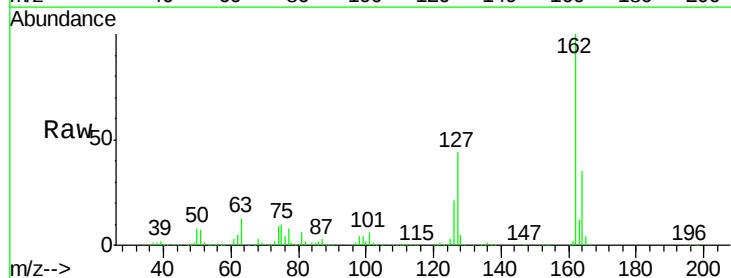
Instrument :
 BNA_F
 ClientSampleId :

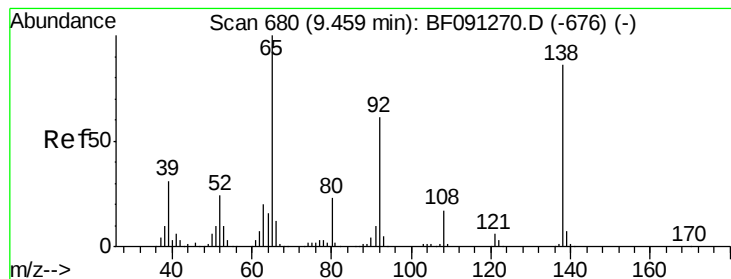
Tot Ion:154 Resp: 1593885
 Ion Ratio Lower Upper
 154 100
 153 41.3 20.6 60.6
 76 13.9 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 40.75 ng
 RT: 9.37 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion:162 Resp: 1195838
 Ion Ratio Lower Upper
 162 100
 127 44.0 34.3 51.5
 164 34.7 26.6 40.0





#47

2-Nitroaniline

Concen: 41.28 ng

RT: 9.46 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampled :

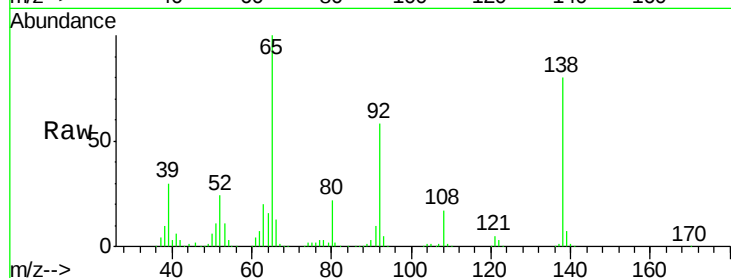
Tot Ion: 65 Resp: 449585

Ion Ratio Lower Upper

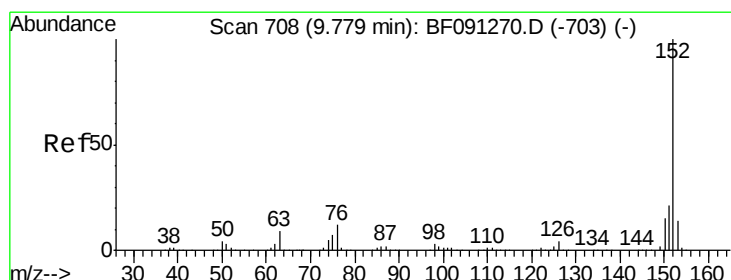
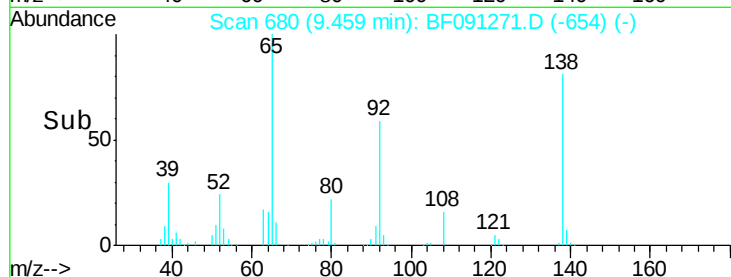
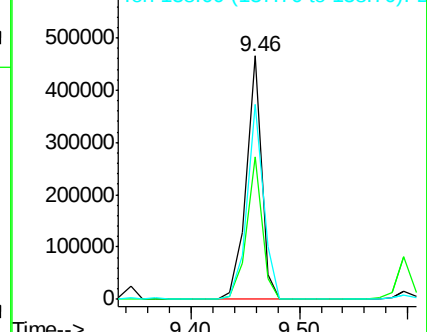
65 100

92 58.3 53.6 80.4

138 80.2 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): E



#48

Acenaphthylene

Concen: 47.38 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

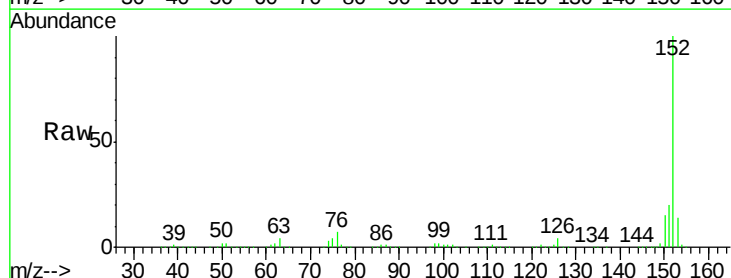
Tgt Ion: 152 Resp: 2092964

Ion Ratio Lower Upper

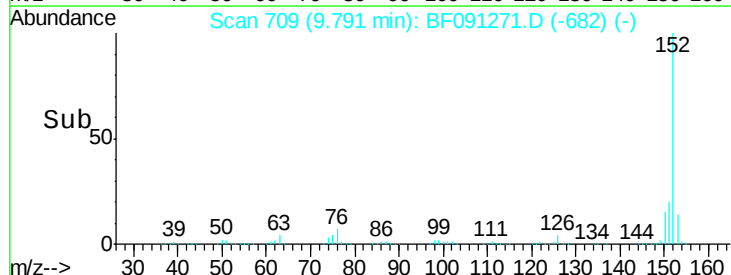
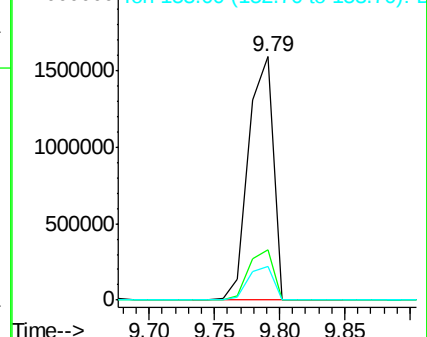
152 100

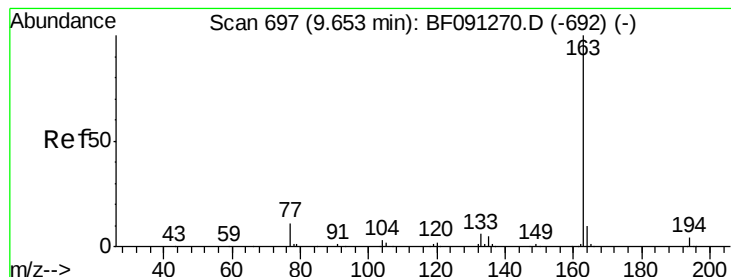
151 20.4 16.6 24.8

153 13.7 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: 44.41 ng

RT: 9.65 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

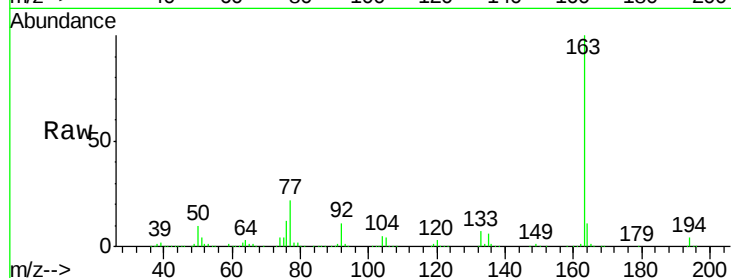
Tot Ion:163 Resp: 1532384

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

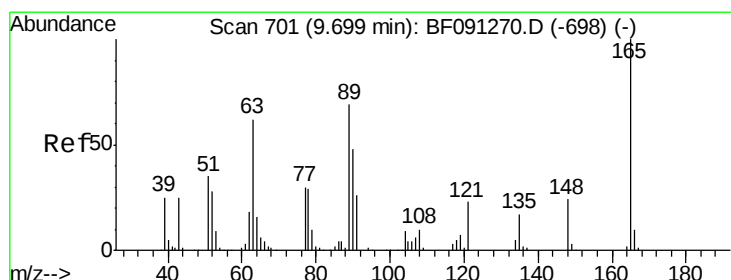
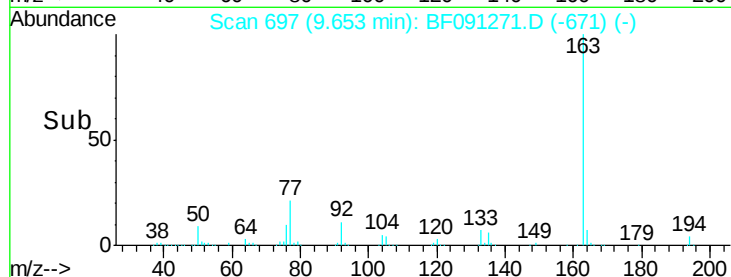
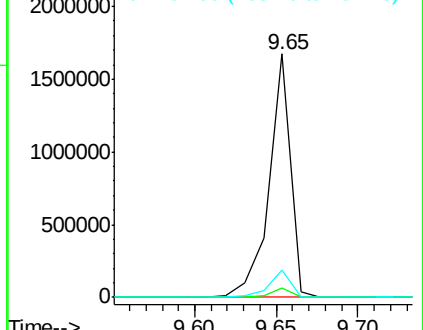
164 11.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.65 ng

RT: 9.71 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

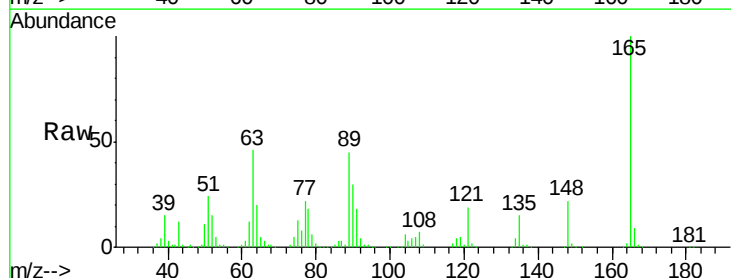
Tgt Ion:165 Resp: 382095

Ion Ratio Lower Upper

165 100

63 46.4 59.4 89.0#

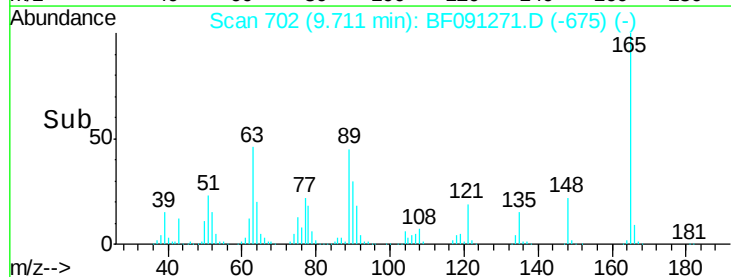
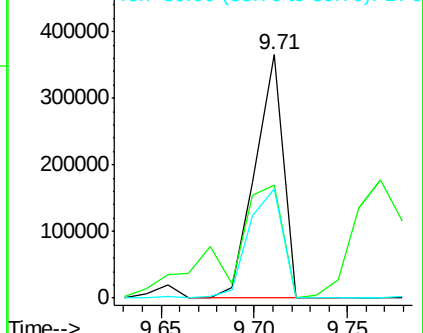
89 45.0 50.8 76.2#

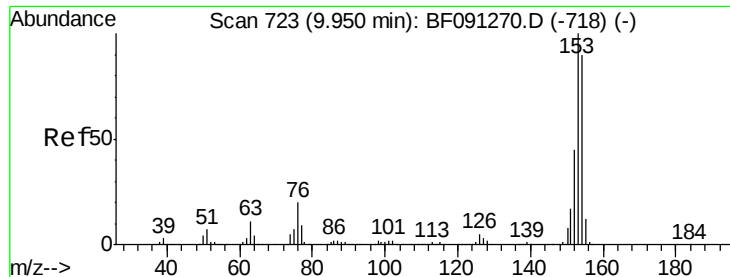


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 53.33 ng

RT: 9.96 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

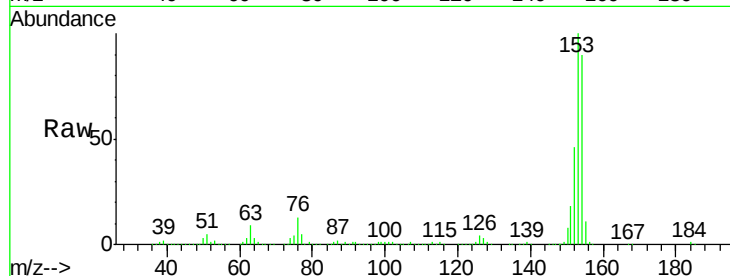
Tot Ion:154 Resp: 1460415

Ion Ratio Lower Upper

154 100

153 110.7 91.0 136.6

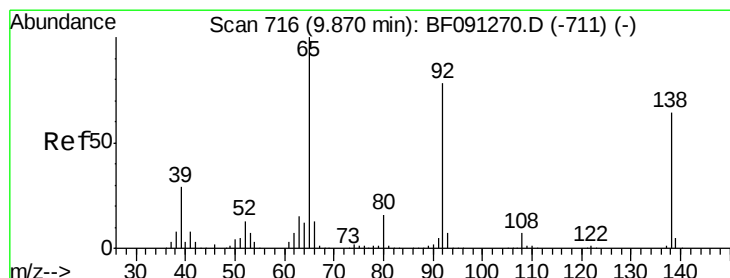
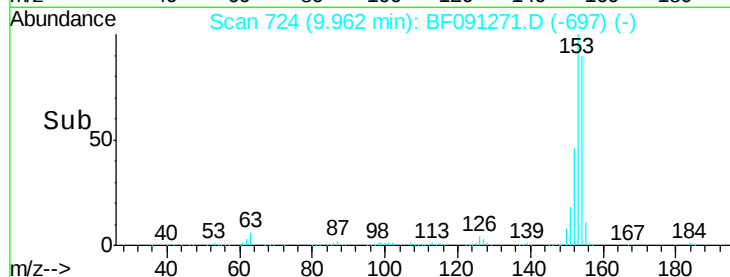
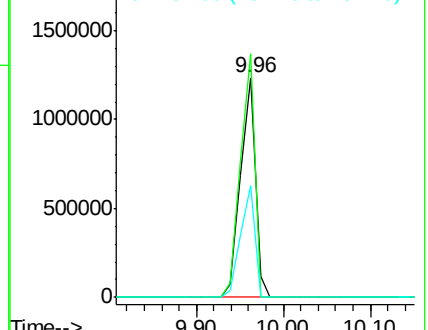
152 50.9 44.2 66.2



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: 45.33 ng

RT: 9.87 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

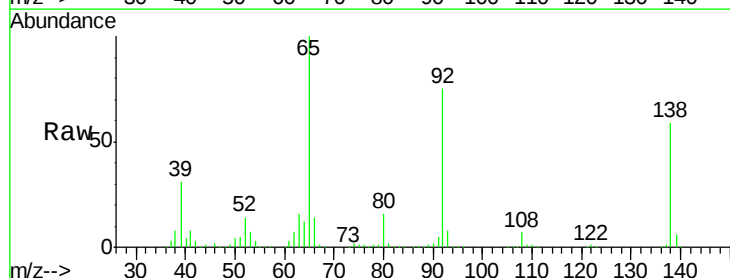
Tgt Ion:138 Resp: 357524

Ion Ratio Lower Upper

138 100

108 11.3 8.1 12.1

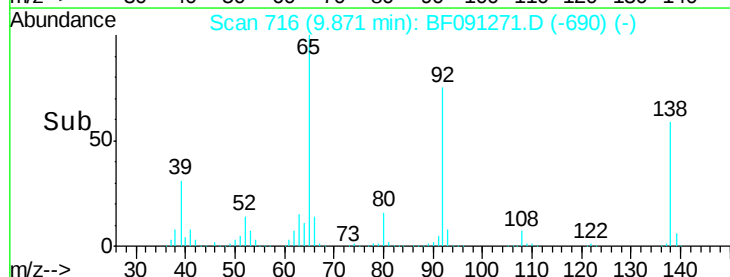
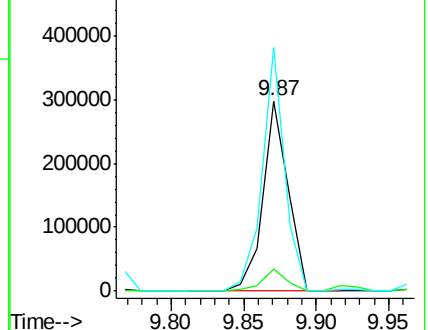
92 128.1 92.5 138.7

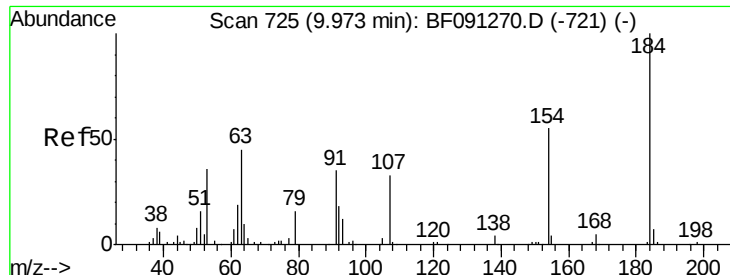


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

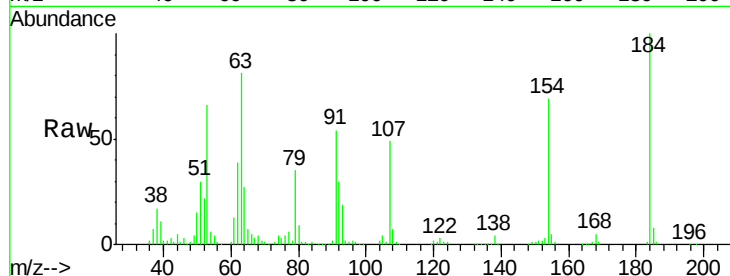




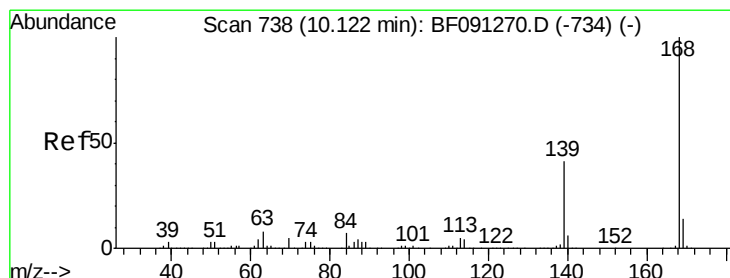
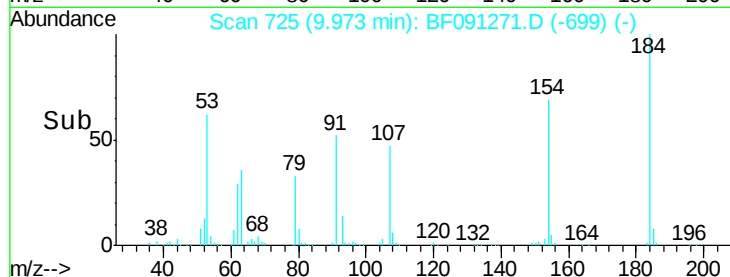
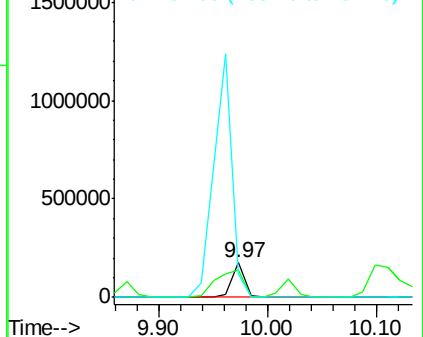
#53
2,4-Dinitrophenol
Concen: 34.95 ng
RT: 9.97 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 141636
Ion Ratio Lower Upper
184 100
63 80.5 58.3 87.5
154 68.9 48.6 73.0

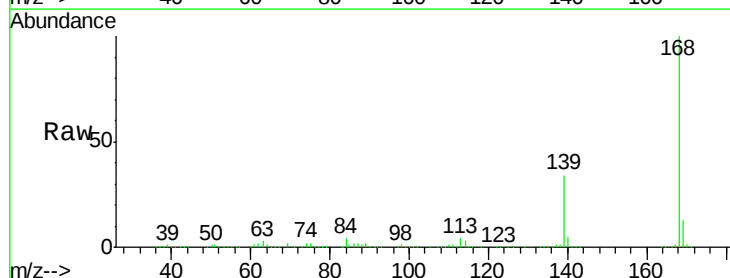


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

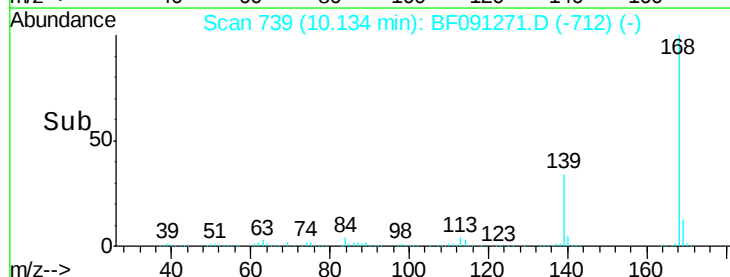
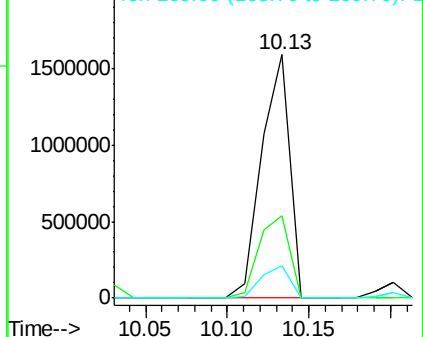


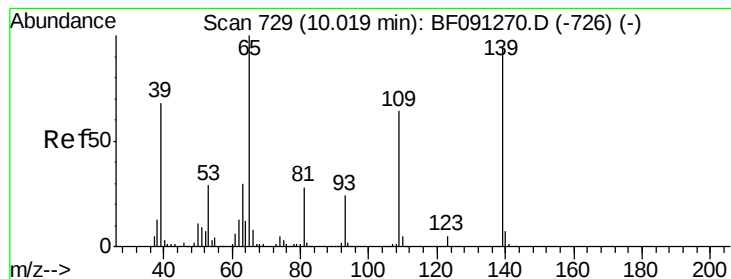
#54
Dibenzofuran
Concen: 49.75 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion:168 Resp: 1897736
Ion Ratio Lower Upper
168 100
139 33.6 33.4 50.2
169 13.3 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: 68.71 ng

RT: 10.02 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

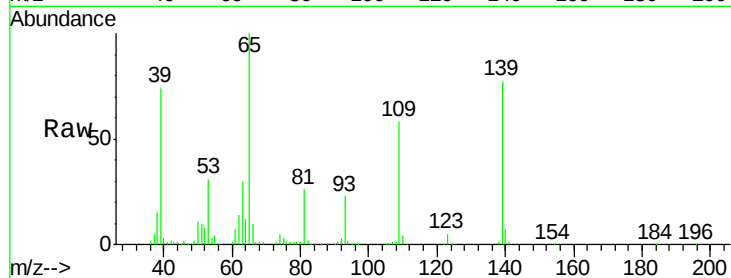
Tot Ion:139 Resp: 262115

Ion Ratio Lower Upper

139 100

109 75.5 54.9 94.9

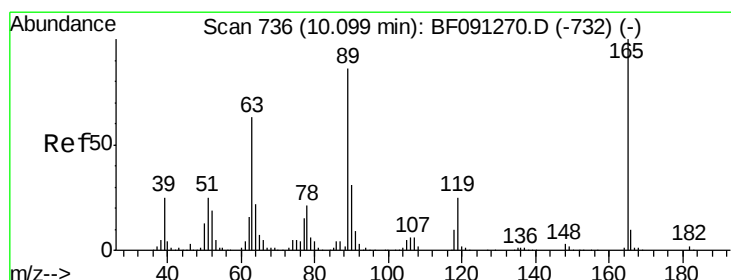
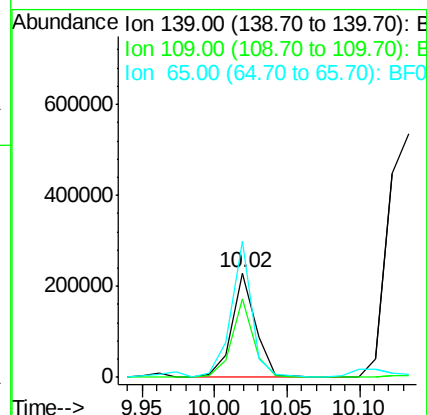
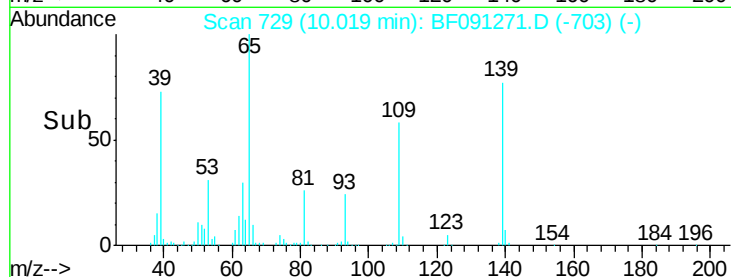
65 130.2 102.2 142.2



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: 53.28 ng

RT: 10.11 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Tgt Ion:165 Resp: 496279

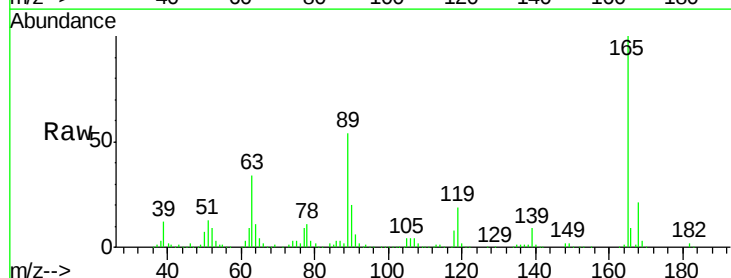
Ion Ratio Lower Upper

165 100

63 33.7 29.0 43.4

89 53.6 43.1 64.7

182 2.5 1.9 2.9

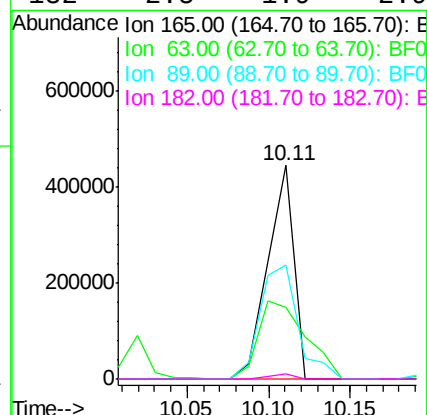
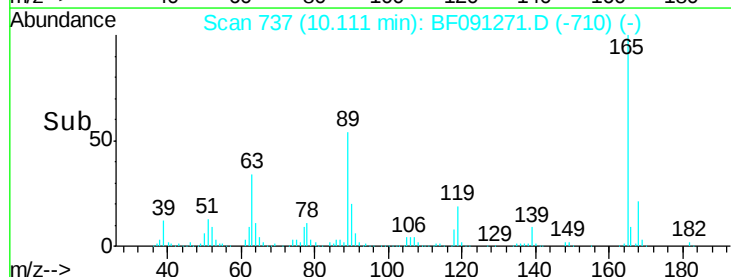


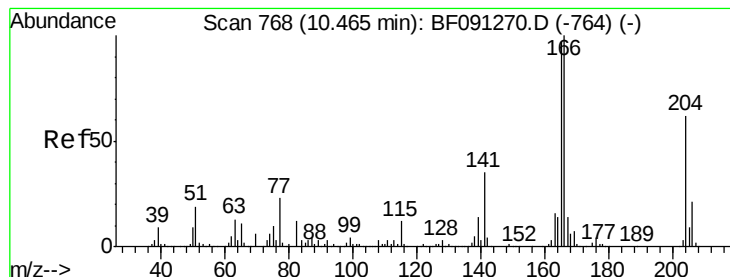
Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.24 ng

RT: 10.46 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

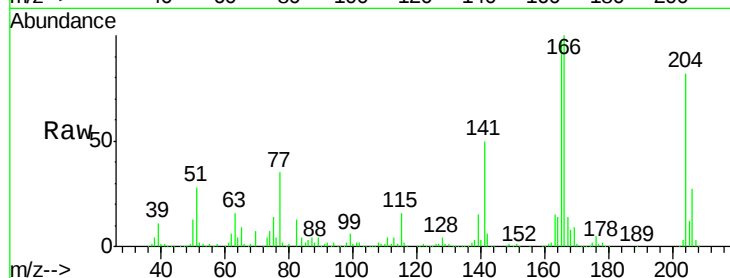
Tot Ion:166 Resp: 1396839

Ion Ratio Lower Upper

166 100

165 96.7 80.0 120.0

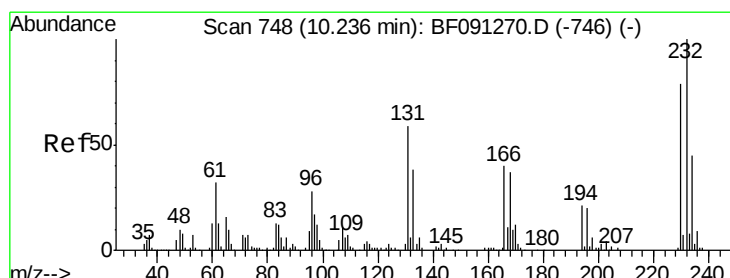
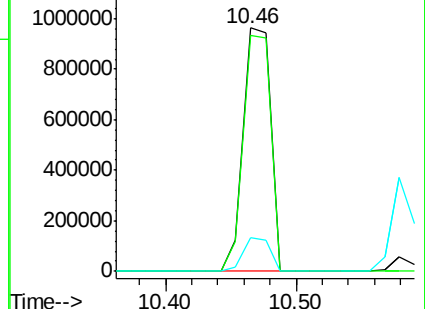
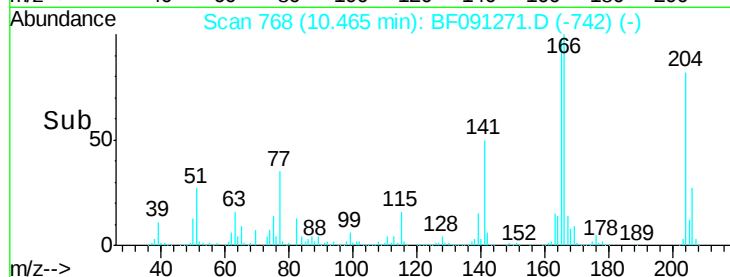
167 14.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.70 ng

RT: 10.25 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Tgt Ion:232 Resp: 389110

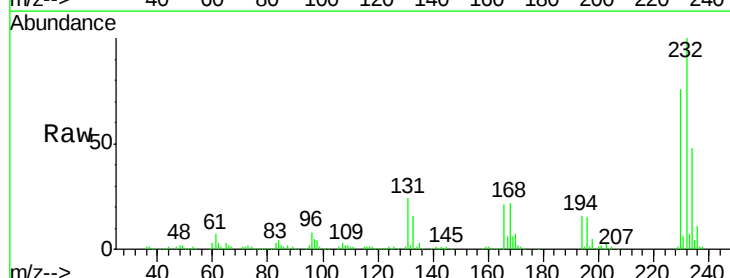
Ion Ratio Lower Upper

232 100

131 41.7 38.4 57.6

130 2.0 1.8 2.8

166 30.3 23.9 35.9

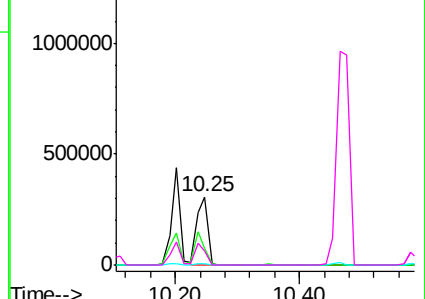
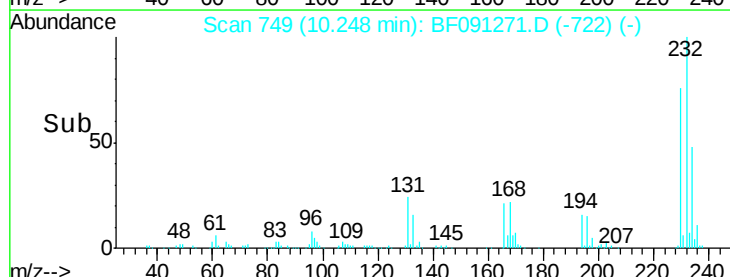


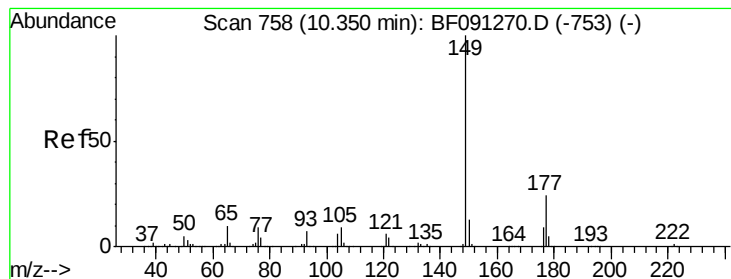
Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.40 ng

RT: 10.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

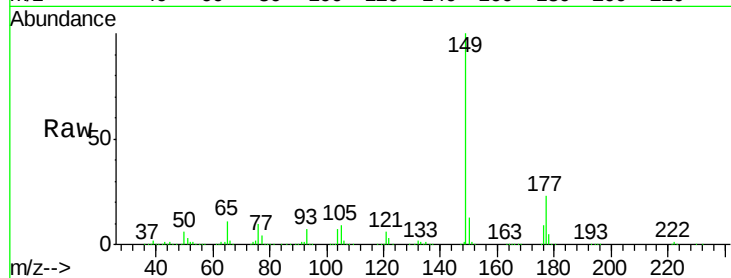
Tot Ion:149 Resp: 1518895

Ion Ratio Lower Upper

149 100

177 23.3 15.7 23.5

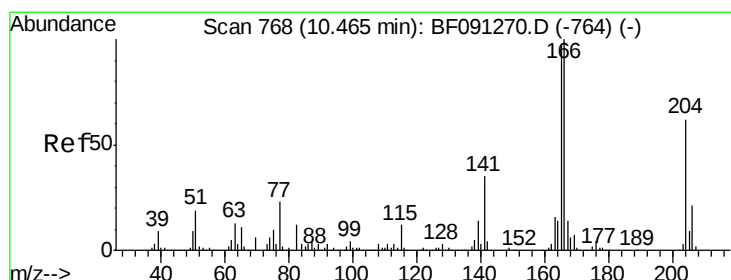
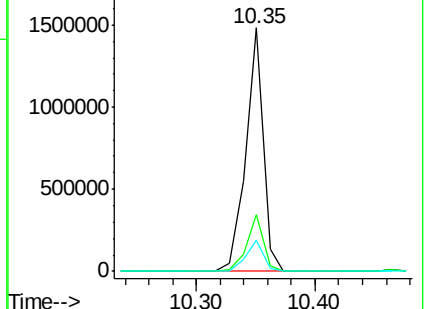
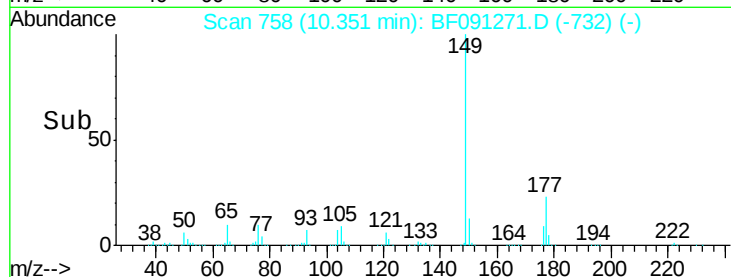
150 12.7 10.2 15.2



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: 45.77 ng

RT: 10.46 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

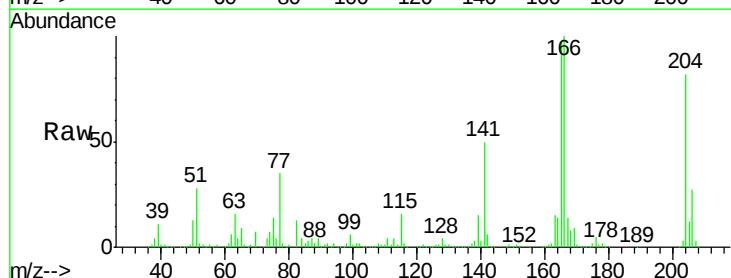
Tgt Ion:204 Resp: 663508

Ion Ratio Lower Upper

204 100

206 32.8 26.1 39.1

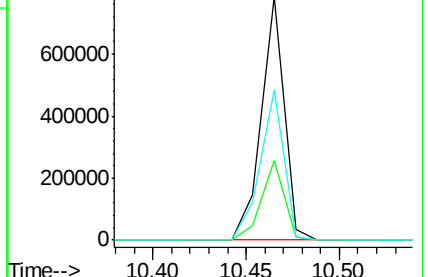
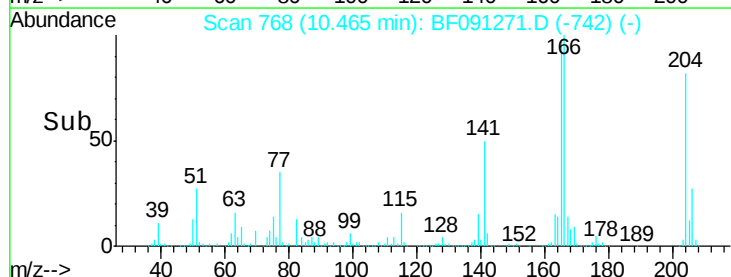
141 61.4 40.6 61.0#

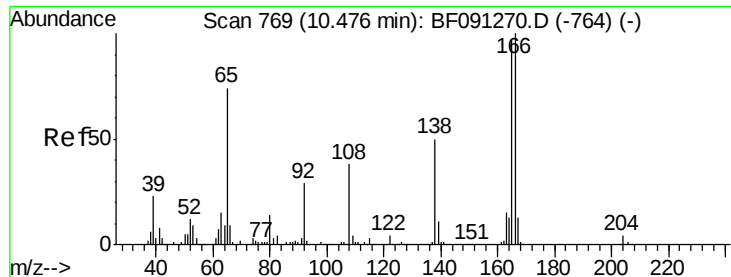


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

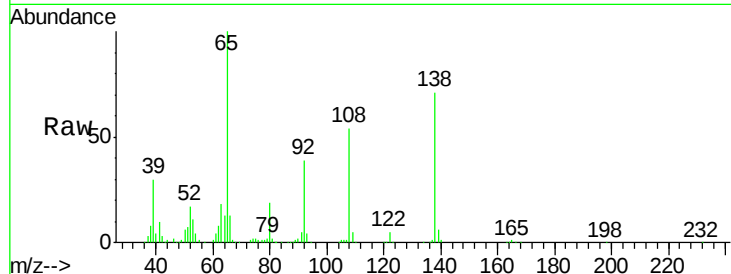




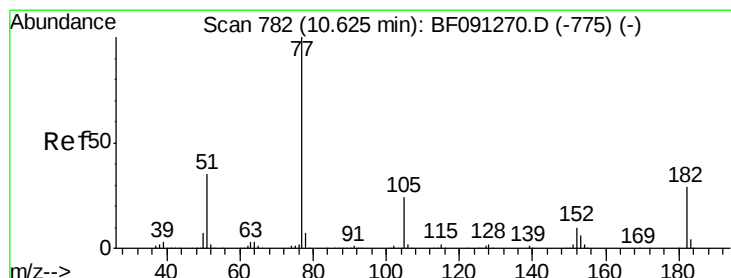
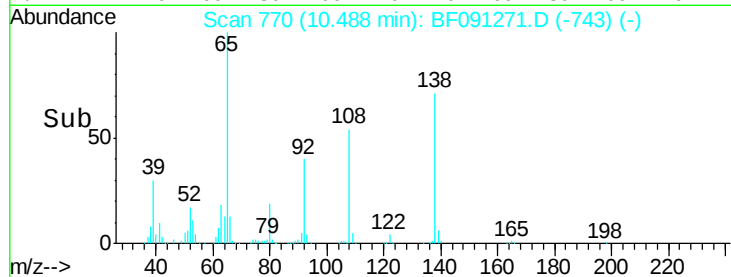
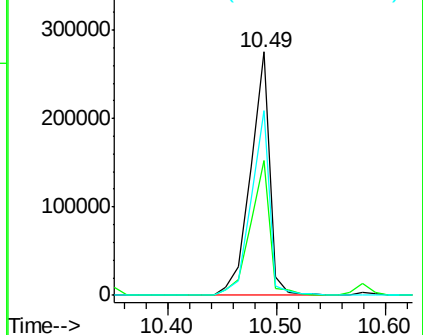
#61
4-Nitroaniline
Concen: 41.42 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 336571
Ion Ratio Lower Upper
138 100
92 55.6 26.9 66.9
108 75.8 49.1 89.1

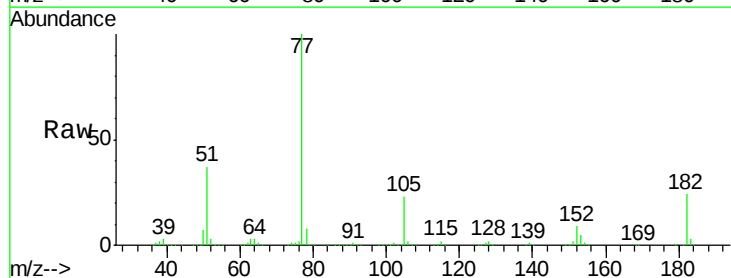


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

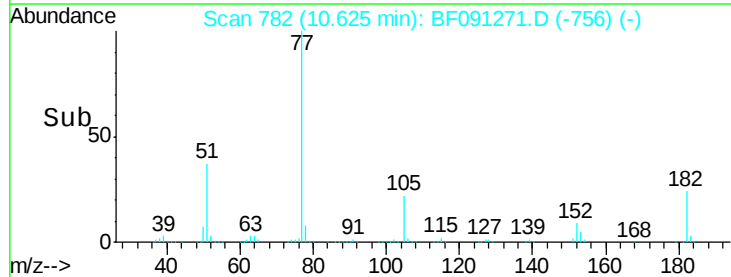
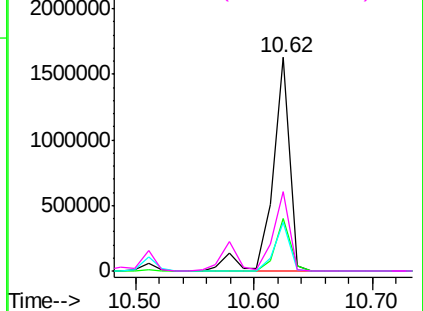


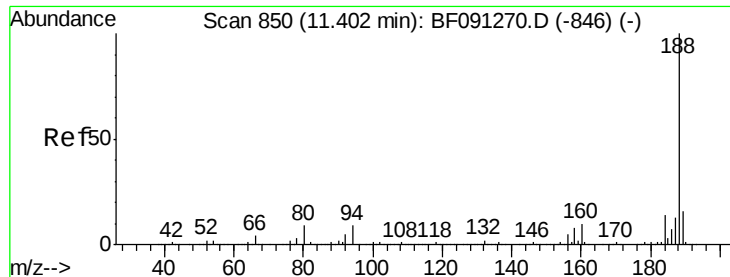
#62
Azobenzene
Concen: 41.21 ng
RT: 10.62 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion: 77 Resp: 1639413
Ion Ratio Lower Upper
77 100
182 24.4 12.5 52.5
105 22.8 3.7 43.7
51 36.9 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

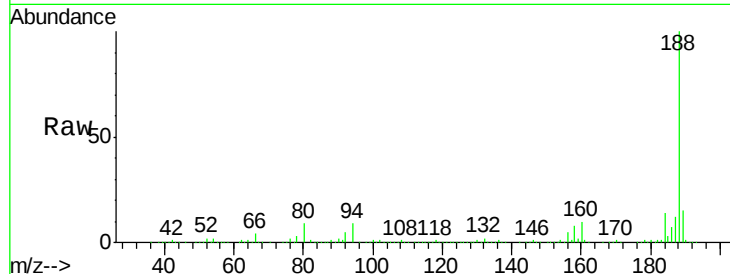




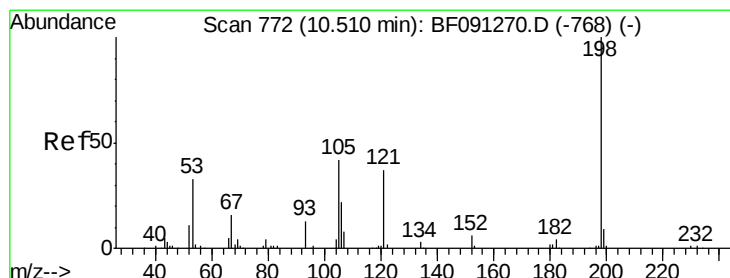
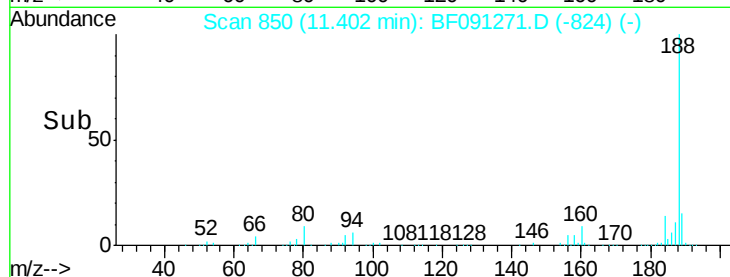
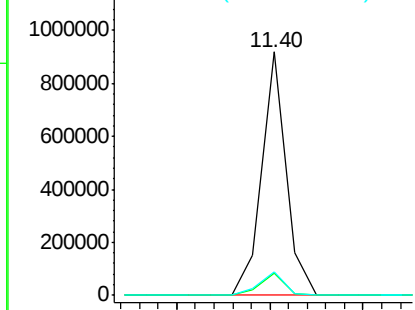
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 849267
Ion Ratio Lower Upper
188 100
94 8.9 9.2 13.8#
80 9.4 10.5 15.7#

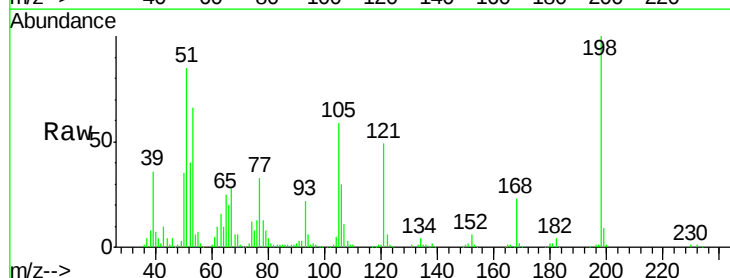


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

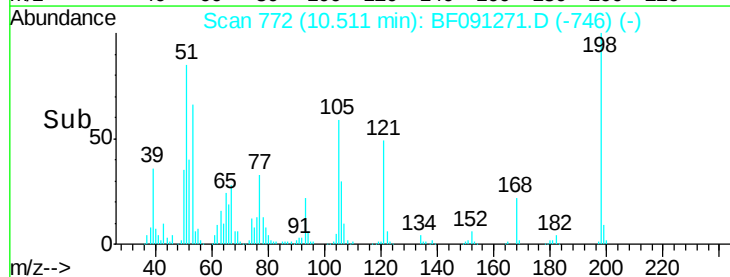
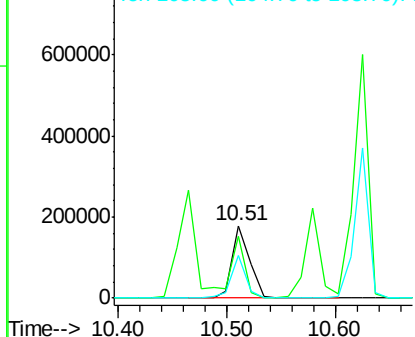


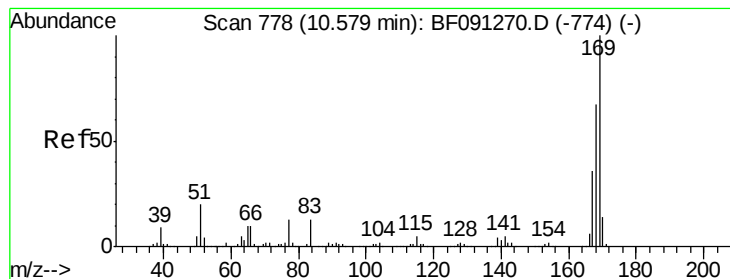
#64
4,6-Dinitro-2-methylphenol
Concen: 35.94 ng
RT: 10.51 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion:198 Resp: 194829
Ion Ratio Lower Upper
198 100
51 85.2 77.1 117.1
105 59.0 44.8 84.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.66 ng

RT: 10.58 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampled :

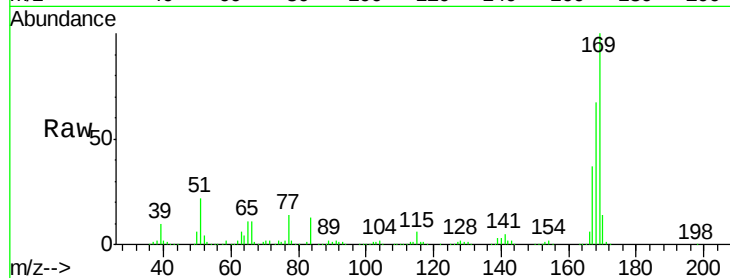
Tot Ion:169 Resp: 1168373

Ion Ratio Lower Upper

169 100

168 67.0 53.8 80.8

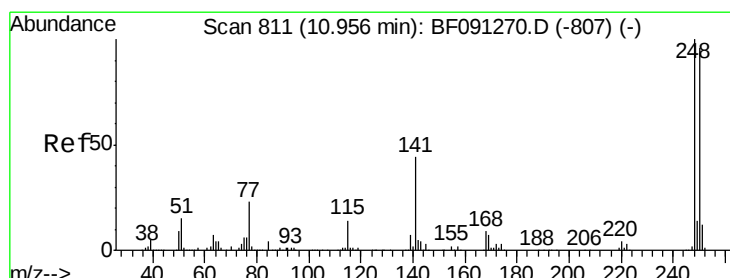
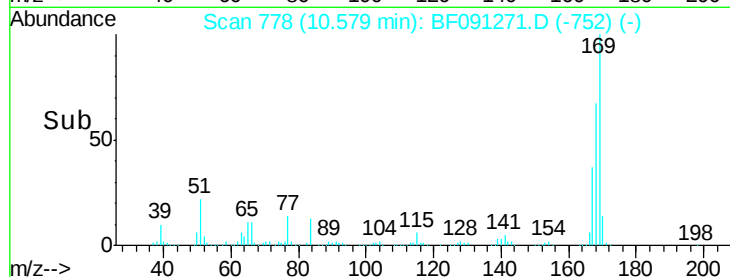
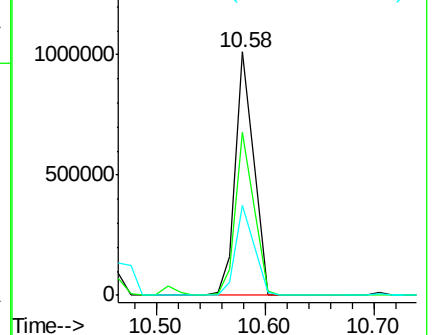
167 36.9 29.8 44.8



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: 53.70 ng

RT: 10.96 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

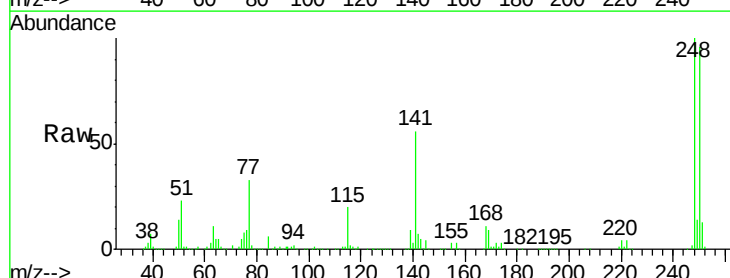
Tgt Ion:248 Resp: 476659

Ion Ratio Lower Upper

248 100

250 96.1 78.2 117.4

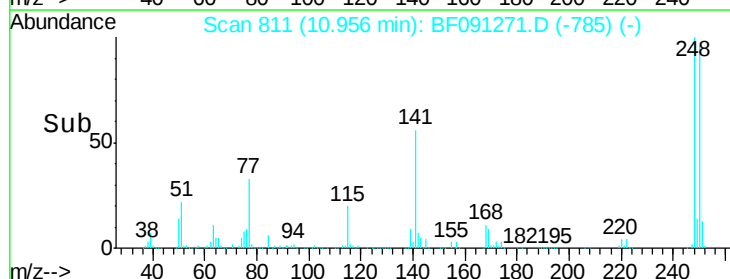
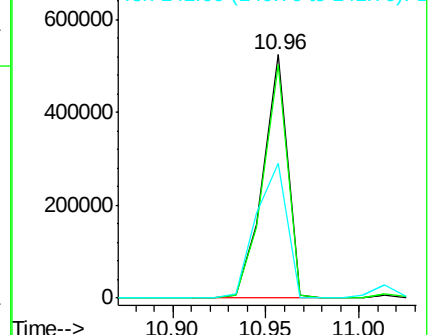
141 55.6 71.9 107.9#

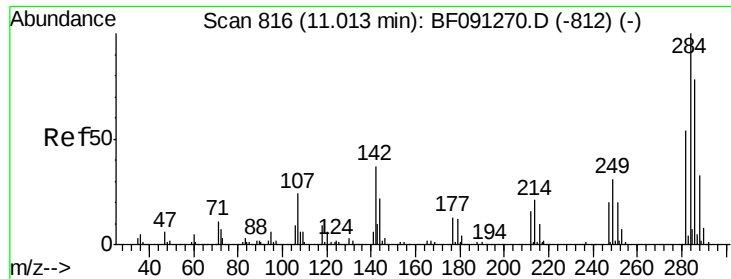


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

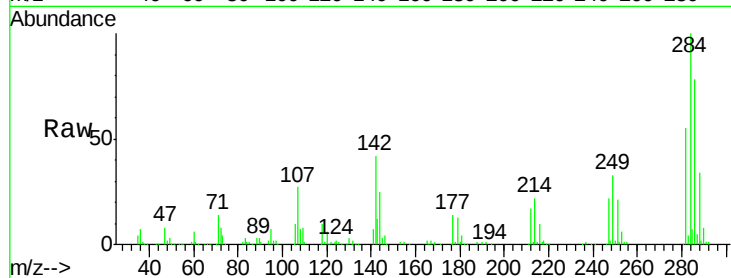




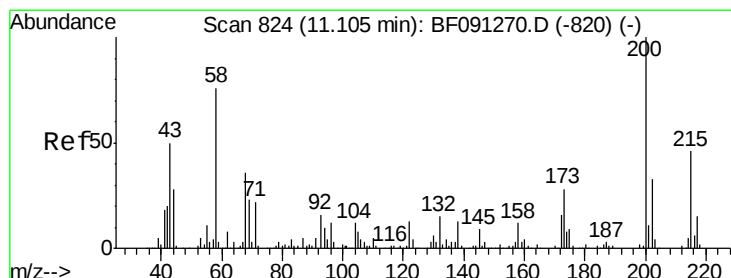
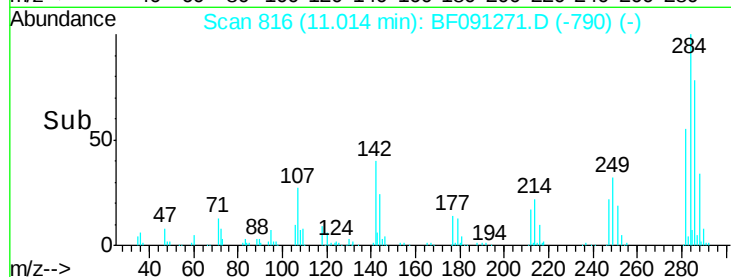
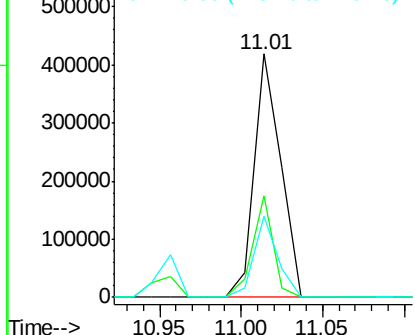
#67
Hexachlorobenzene
Concen: 48.54 ng
RT: 11.01 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 470165
Ion Ratio Lower Upper
284 100
142 41.7 17.9 26.9#
249 33.2 23.6 35.4

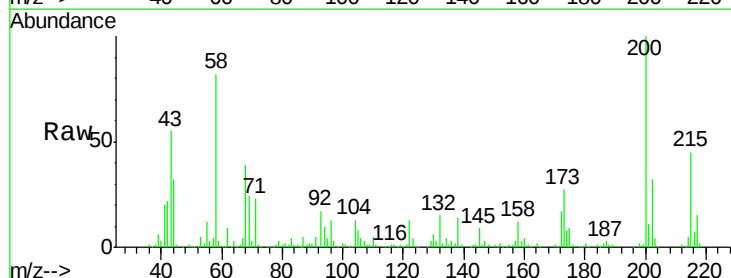


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

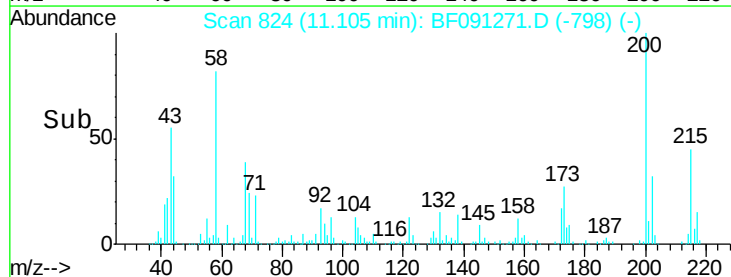
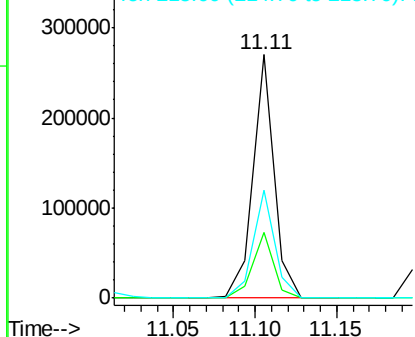


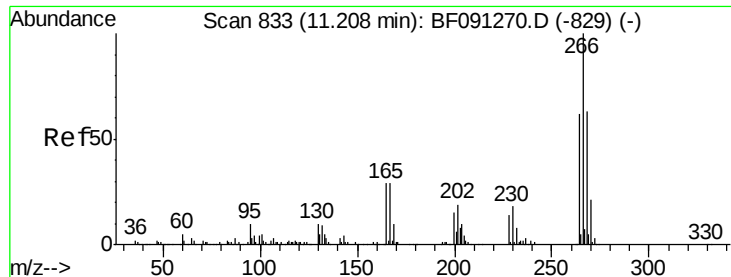
#68
Atrazine
Concen: 29.11 ng
RT: 11.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion:200 Resp: 244669
Ion Ratio Lower Upper
200 100
173 27.1 7.8 47.8
215 44.6 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

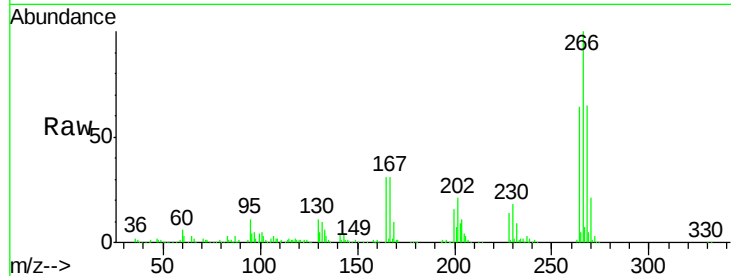




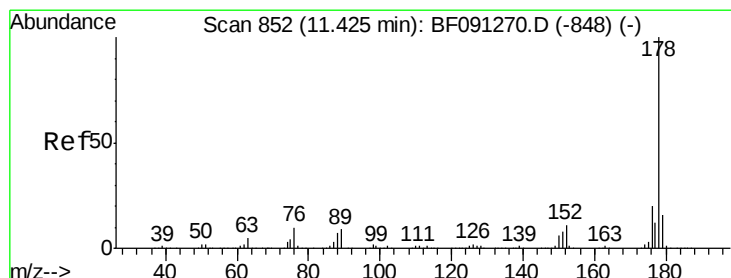
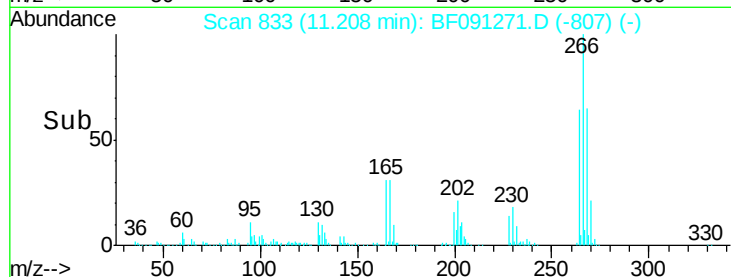
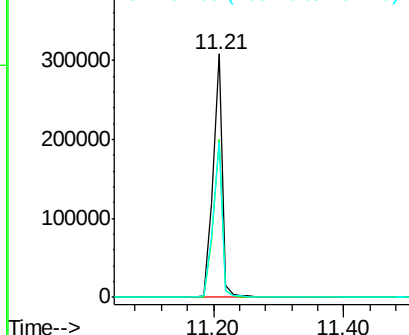
#69
 Pentachlorophenol
 Concen: 81.81 ng
 RT: 11.21 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 313769
 Ion Ratio Lower Upper
 266 100
 268 64.8 50.3 75.5
 264 64.0 48.2 72.2

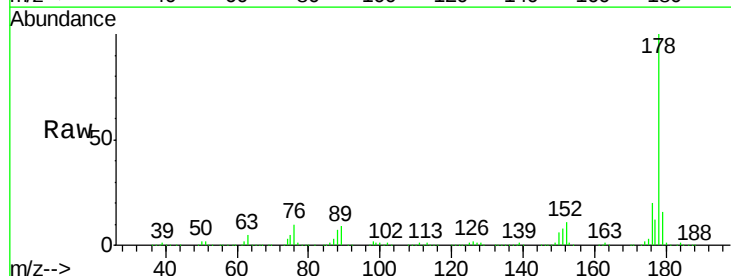


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

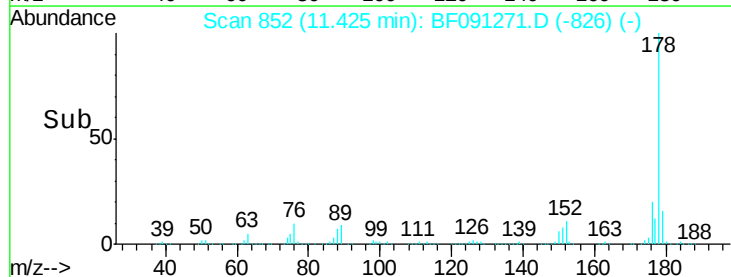
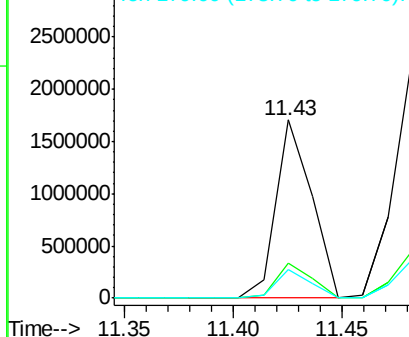


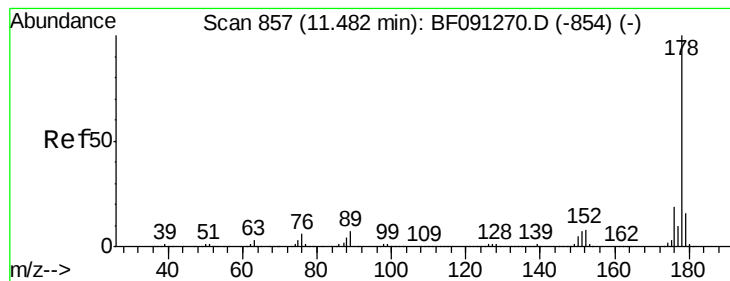
#70
 Phenanthrene
 Concen: 44.02 ng
 RT: 11.43 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion:178 Resp: 1965120
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 16.1 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: 49.27 ng

RT: 11.48 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

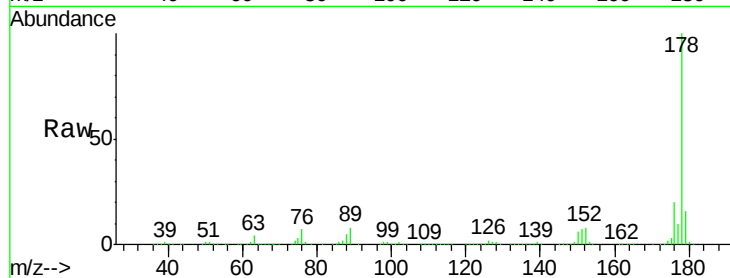
Tot Ion:178 Resp: 2191749

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

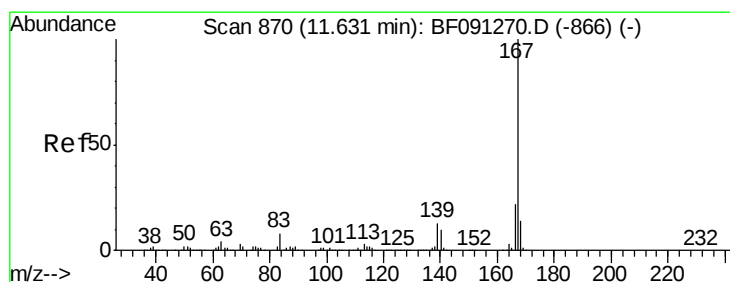
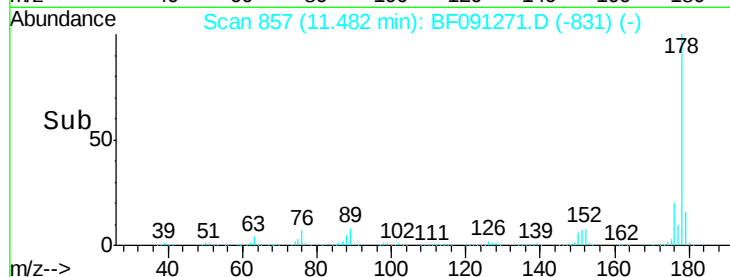
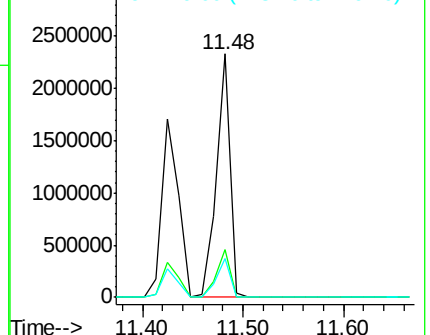
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.32 ng

RT: 11.63 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

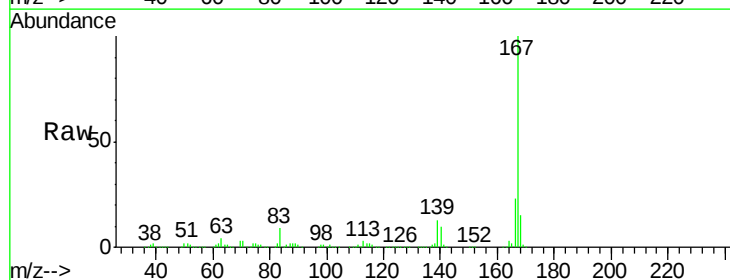
Tgt Ion:167 Resp: 1765473

Ion Ratio Lower Upper

167 100

166 22.6 18.1 27.1

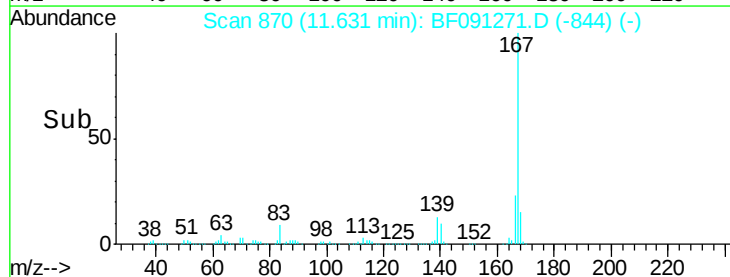
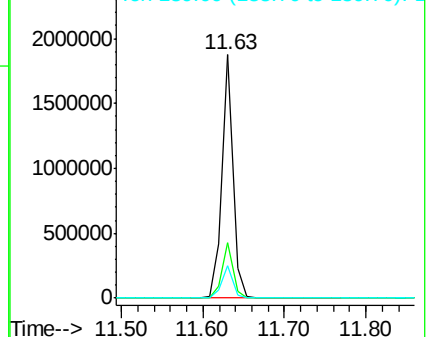
139 13.4 11.5 17.3

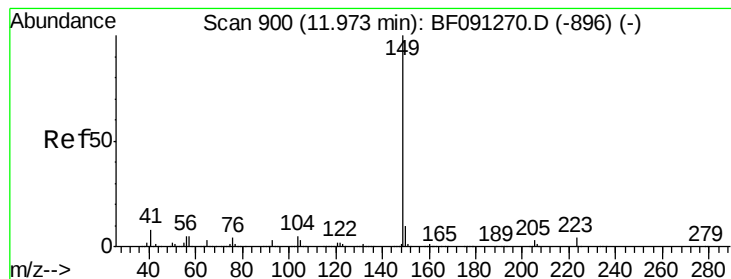


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.25 ng

RT: 11.97 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

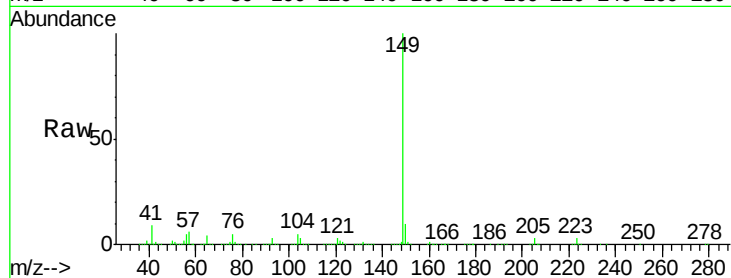
Tot Ion:149 Resp: 2291312

Ion Ratio Lower Upper

149 100

150 9.9 7.5 11.3

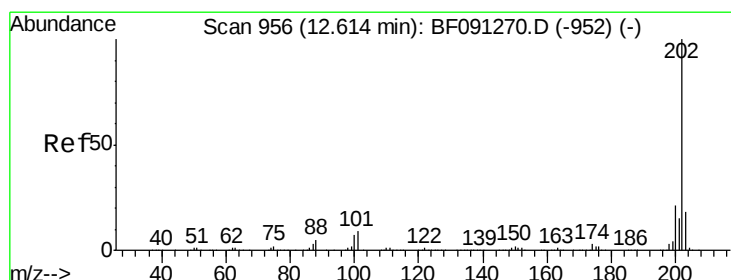
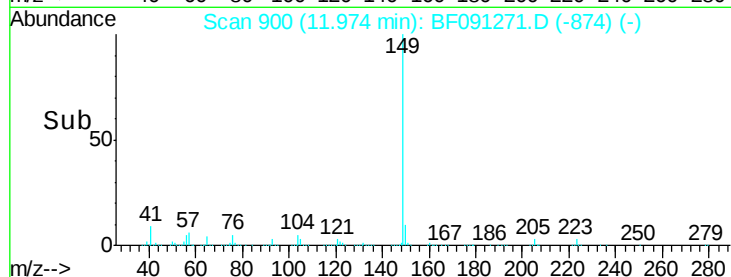
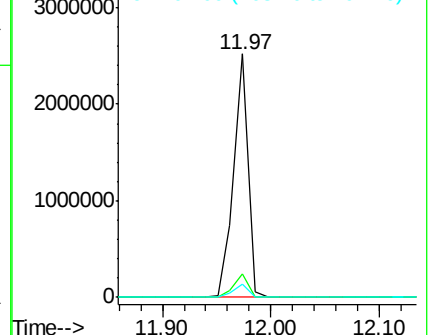
104 5.2 4.0 6.0



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: 43.49 ng

RT: 12.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

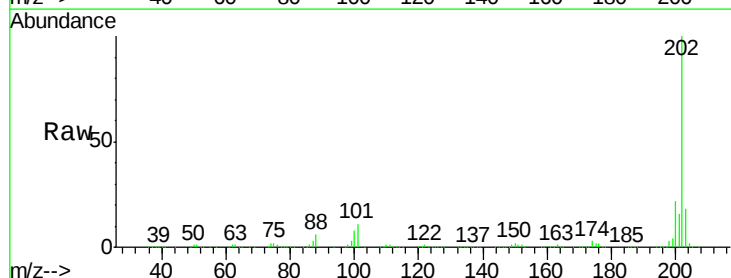
Tgt Ion:202 Resp: 2114243

Ion Ratio Lower Upper

202 100

101 11.0 0.0 29.5

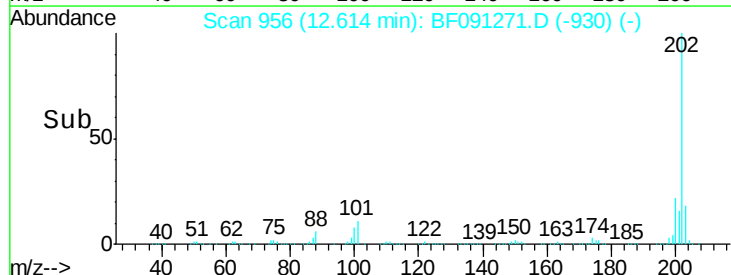
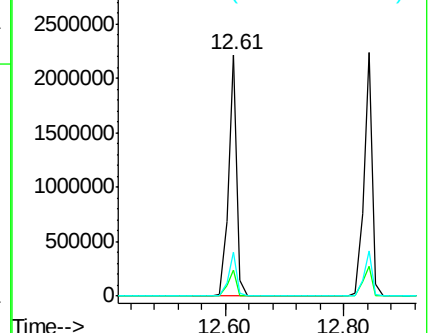
203 18.4 0.0 37.8

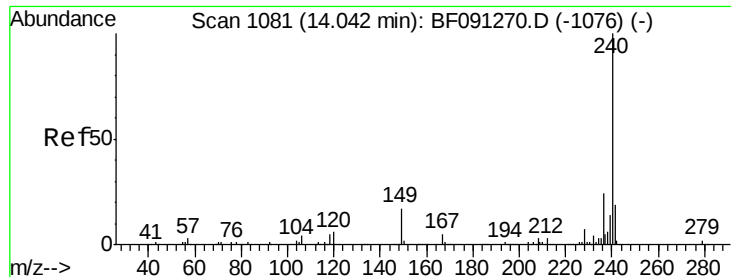


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.04 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

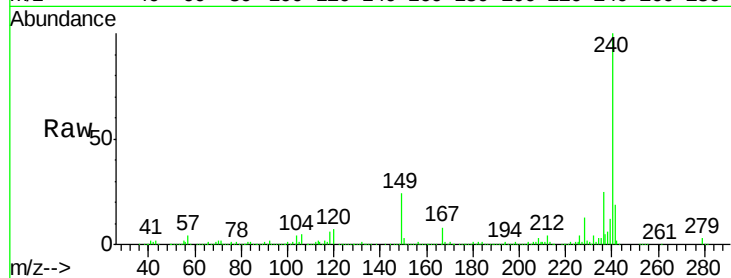
Tot Ion:240 Resp: 624128

Ion Ratio Lower Upper

240 100

120 6.9 12.1 18.1#

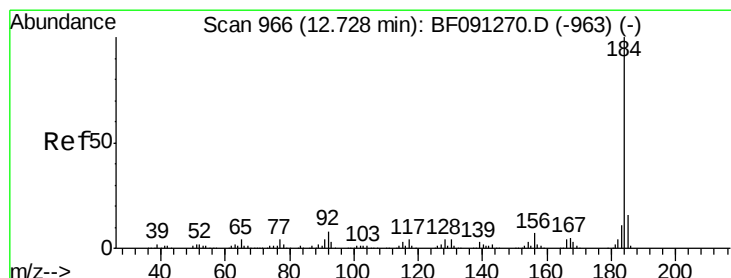
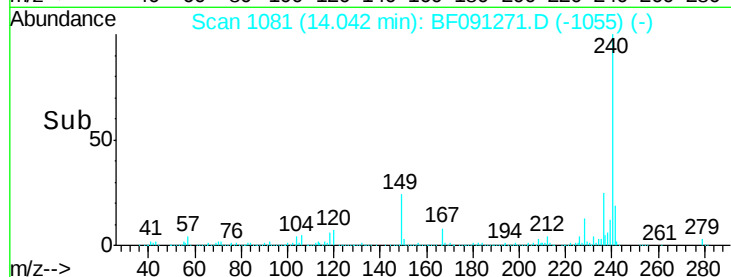
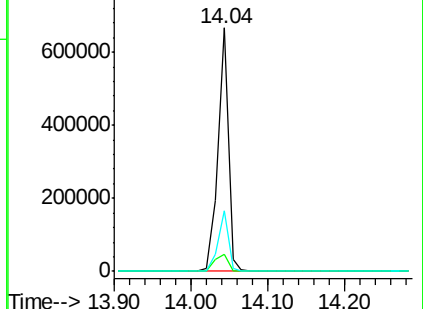
236 24.6 21.0 31.6



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: 41.37 ng

RT: 12.73 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

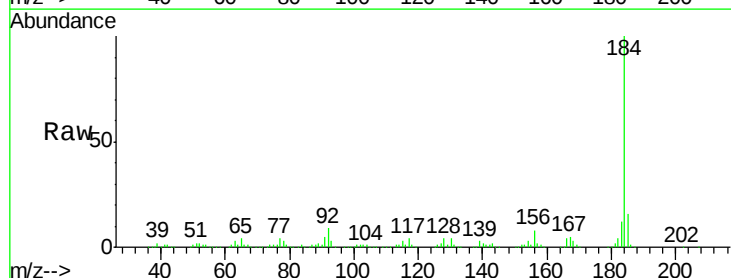
Tgt Ion:184 Resp: 579958

Ion Ratio Lower Upper

184 100

185 16.4 13.1 19.7

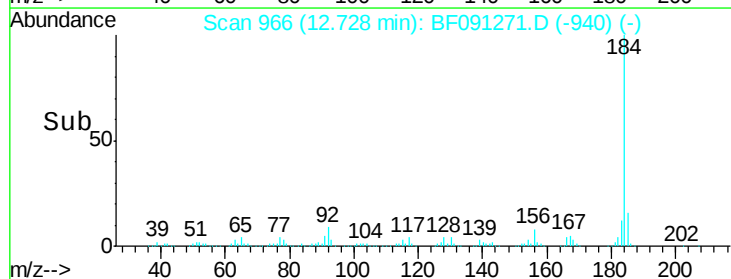
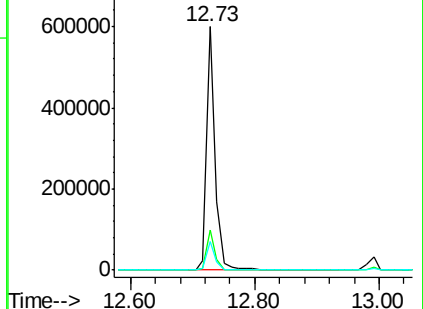
183 11.9 8.9 13.3

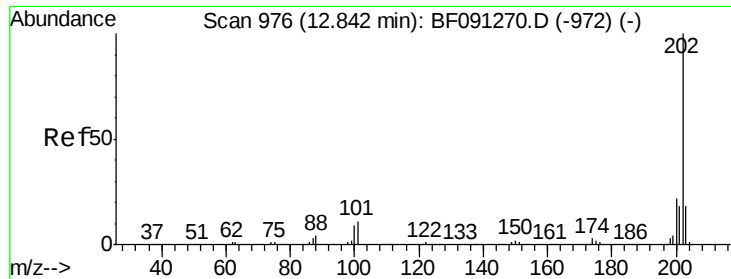


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

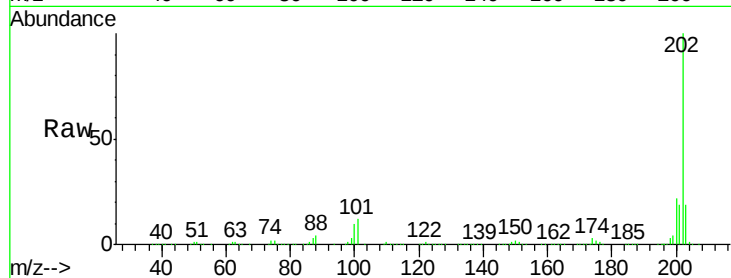




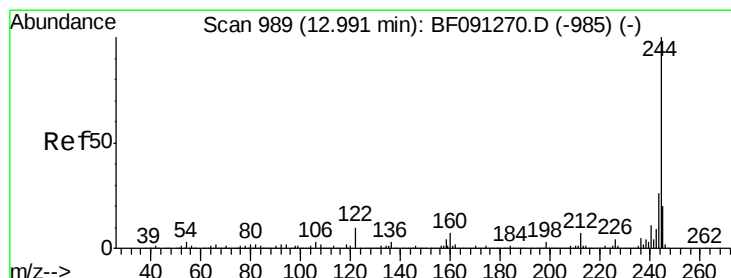
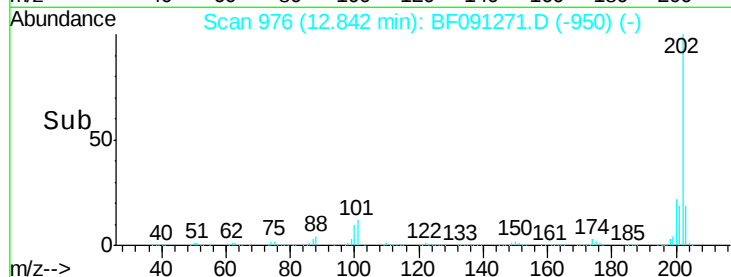
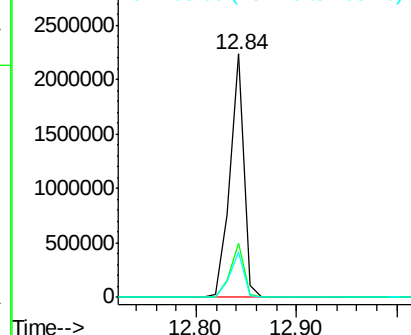
#77
Pvrene
Concen: 45.01 ng
RT: 12.84 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2154786
Ion Ratio Lower Upper
202 100
200 22.4 17.6 26.4
203 18.8 14.0 21.0

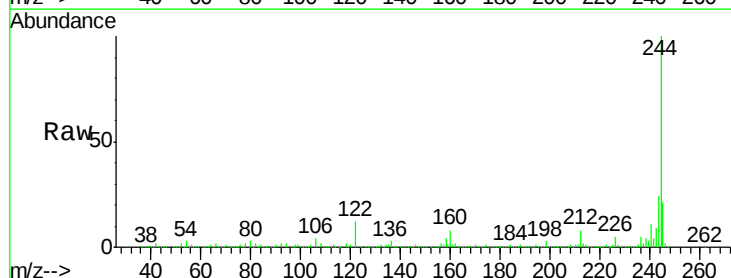


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

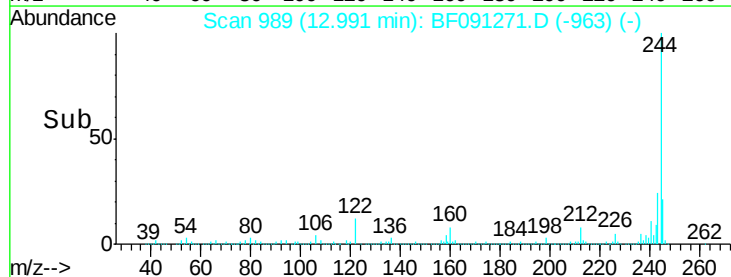
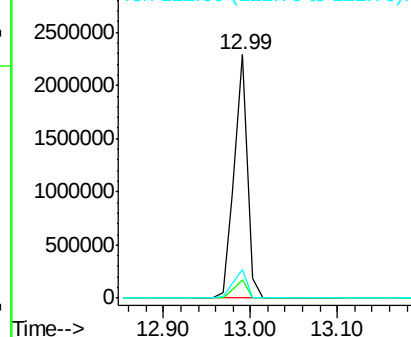


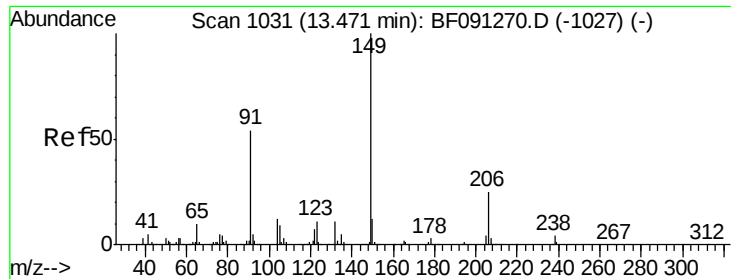
#78
Terphenyl-d14
Concen: 87.46 ng
RT: 12.99 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion:244 Resp: 2408173
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 11.8 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

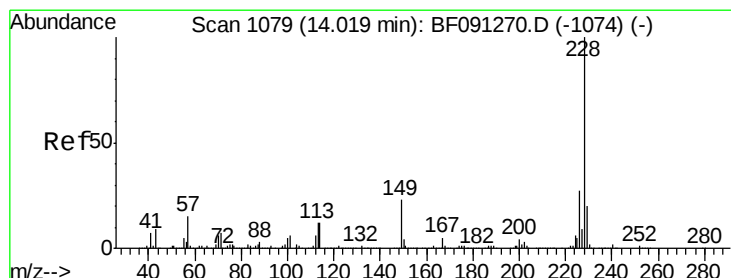
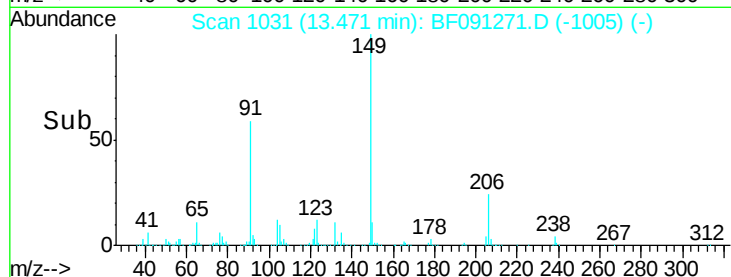
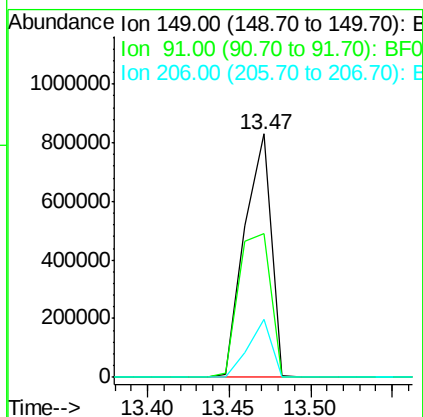
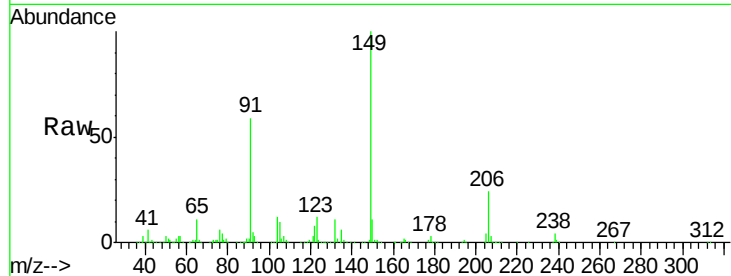




#79
Butylbenzylphthalate
Concen: 46.55 ng
RT: 13.47 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

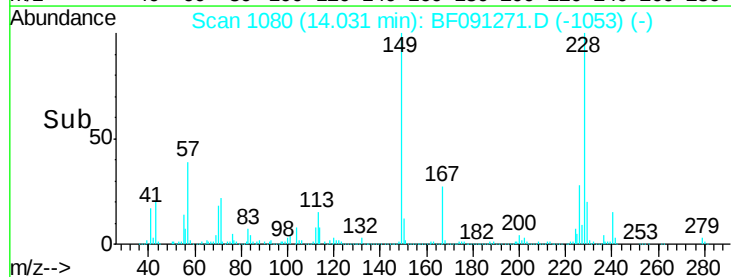
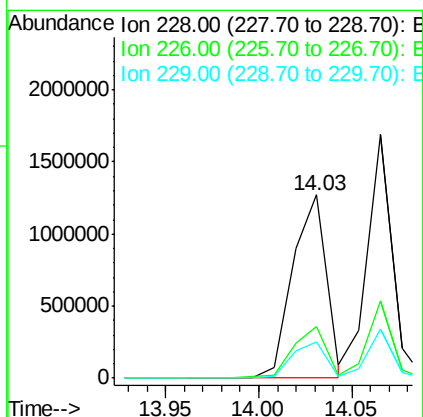
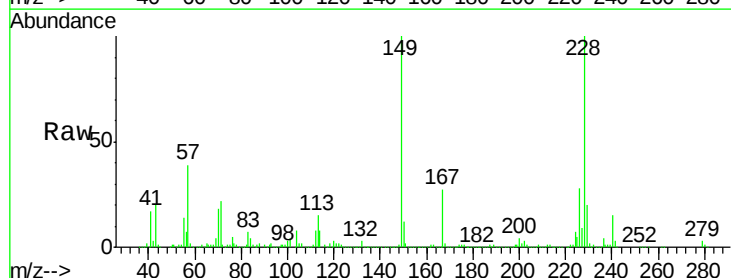
Instrument :
BNA_F
ClientSampleId :

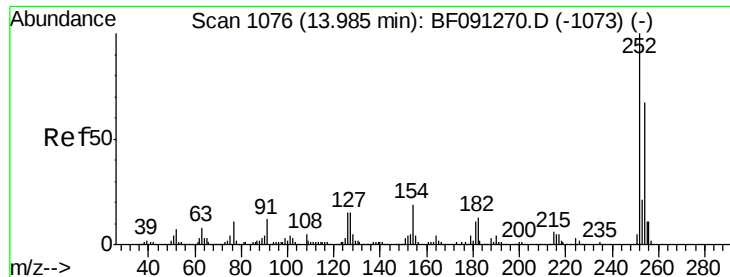
Tot Ion:149 Resp: 935595
Ion Ratio Lower Upper
149 100
91 59.1 57.4 86.2
206 23.6 15.4 23.2#



#80
Benzo(a)anthracene
Concen: 42.40 ng
RT: 14.03 min Scan# 1080
Delta R.T. 0.01 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion:228 Resp: 1603212
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 20.0 16.4 24.6

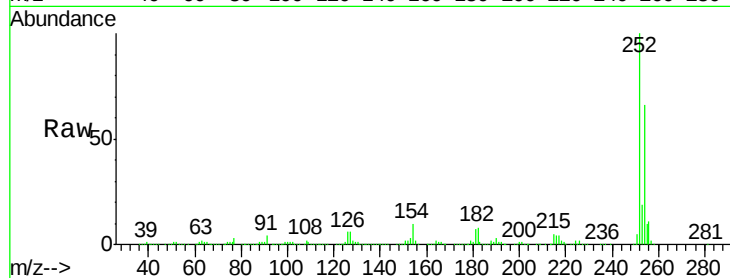




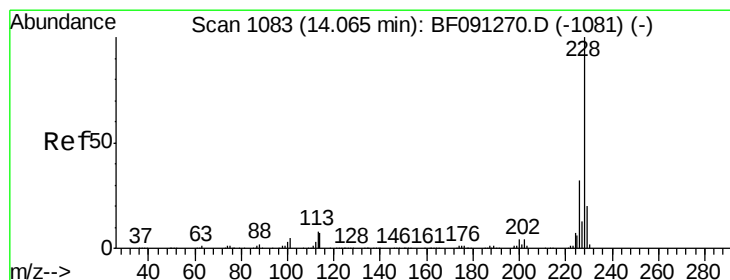
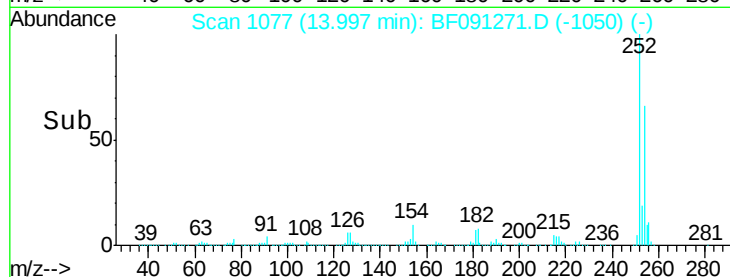
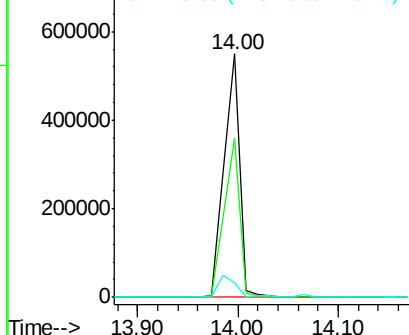
#81
 3,3'-Dichlorobenzidine
 Concen: 45.51 ng
 RT: 14.00 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 596451
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.1 78.1
 126 5.9 7.5 11.3#

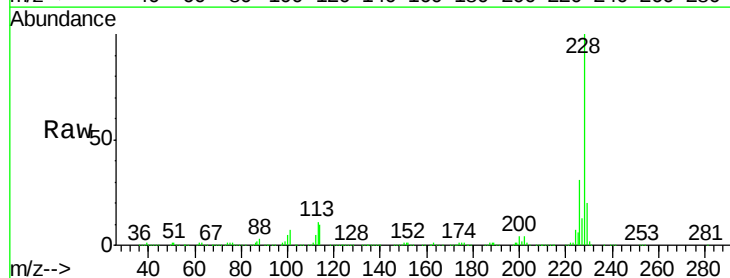


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

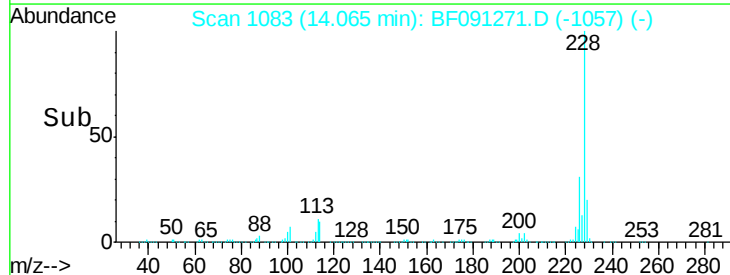
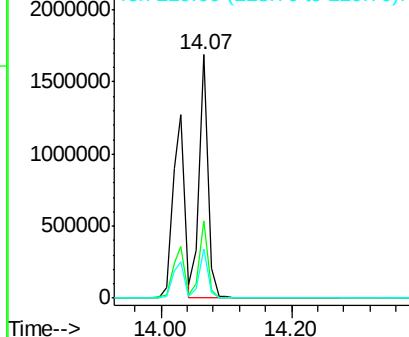


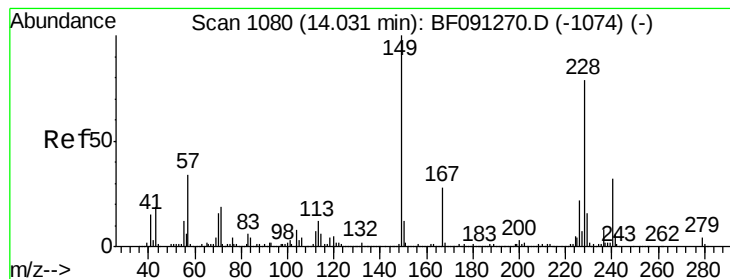
#82
 Chrysene
 Concen: 39.99 ng
 RT: 14.07 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion:228 Resp: 1554413
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.0 37.4
 229 20.3 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: 44.08 ng

RT: 14.03 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :

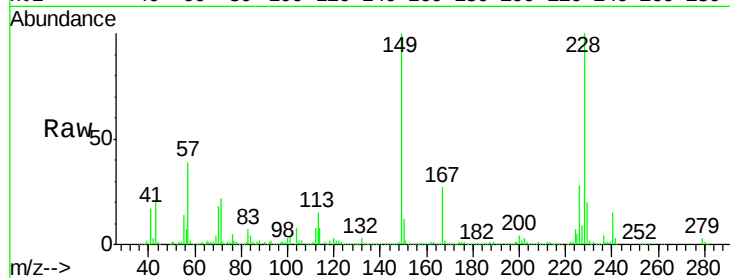
Tot Ion:149 Resp: 1122738

Ion Ratio Lower Upper

149 100

167 27.0 19.6 29.4

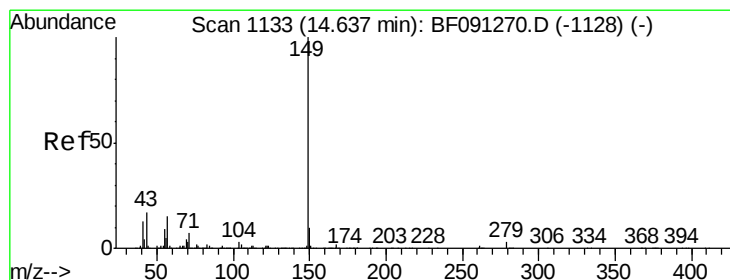
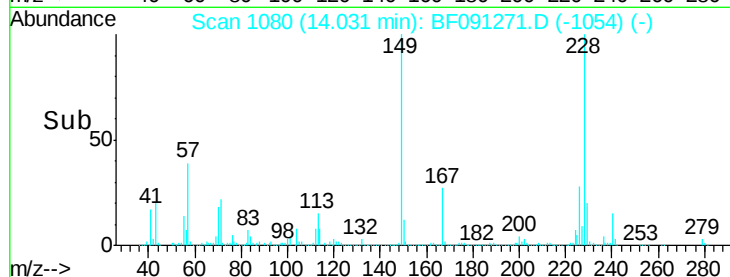
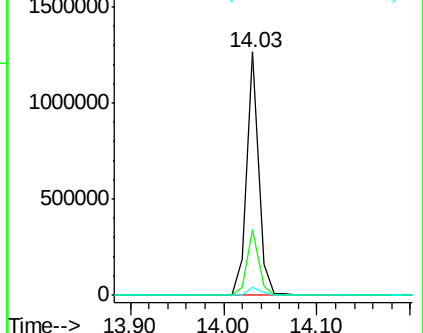
279 3.2 1.9 2.9#



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: 39.94 ng

RT: 14.64 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

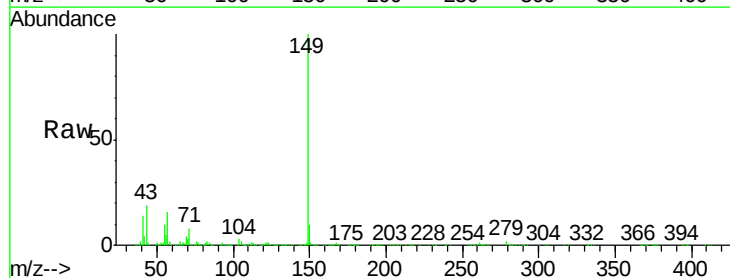
Tgt Ion:149 Resp: 1781618

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

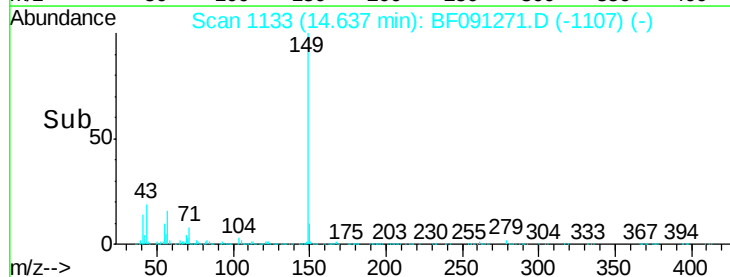
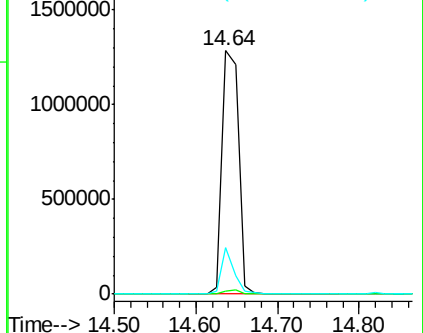
43 14.7 11.9 17.9

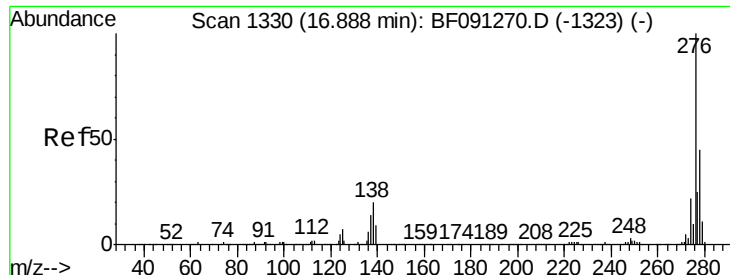


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



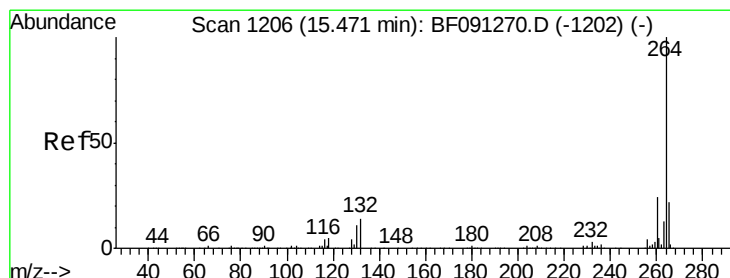
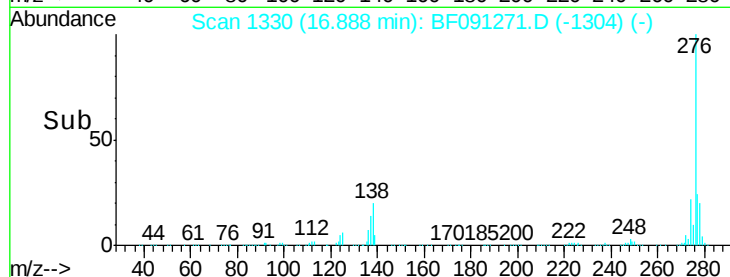
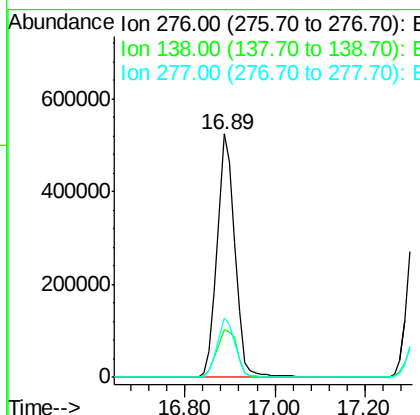
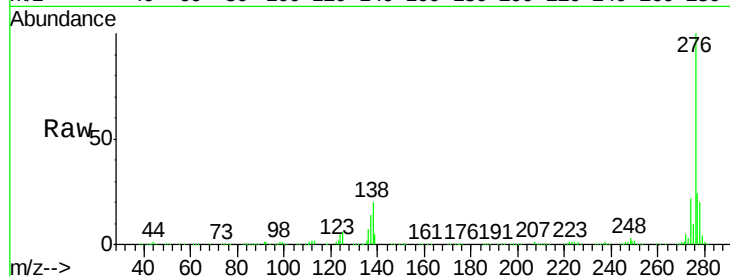


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.97 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1451970

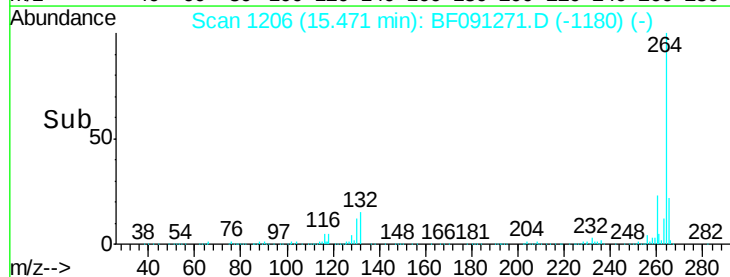
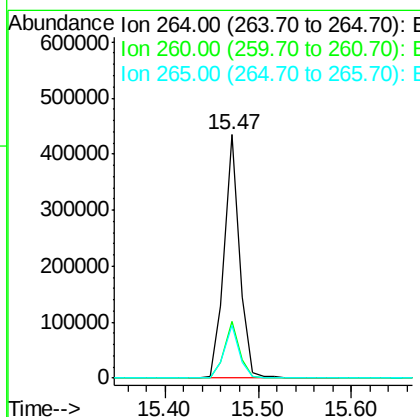
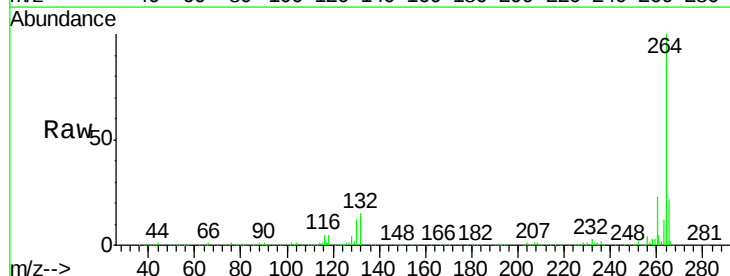
Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.0	31.4
277	24.9	20.2	30.2

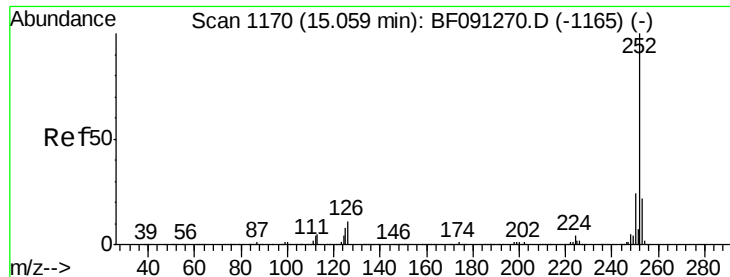


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF091271.D
 Acq: 23 Nov 2016 11:18

Tgt Ion:264 Resp: 503785

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.7	17.0	25.6

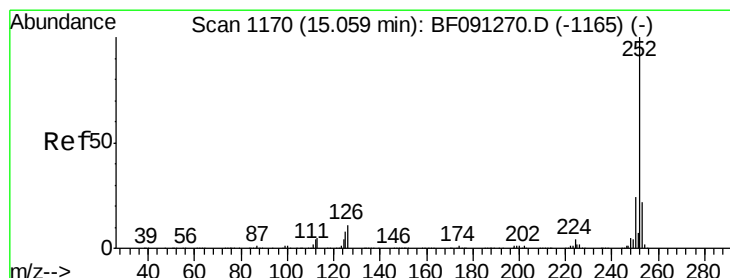
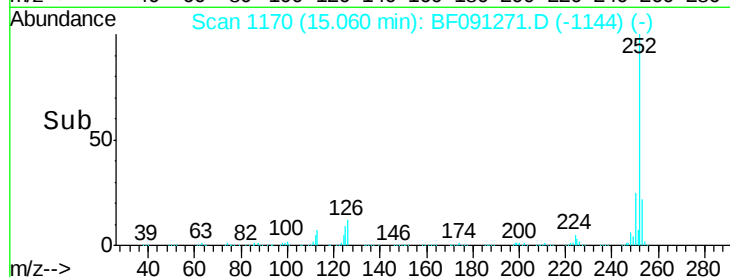
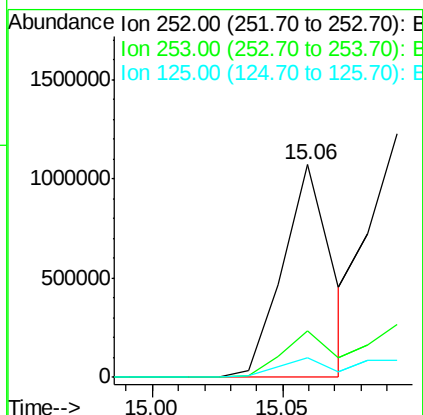
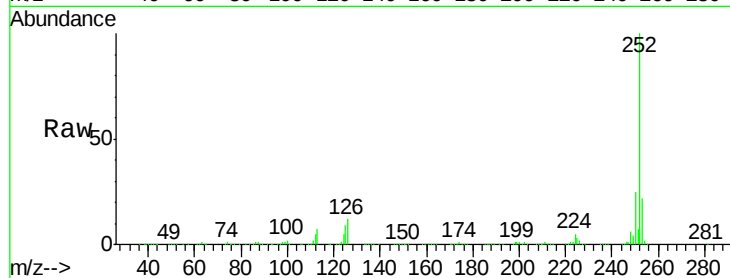




#87
Benzo(b)fluoranthene
Concen: 45.93 ng
RT: 15.06 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

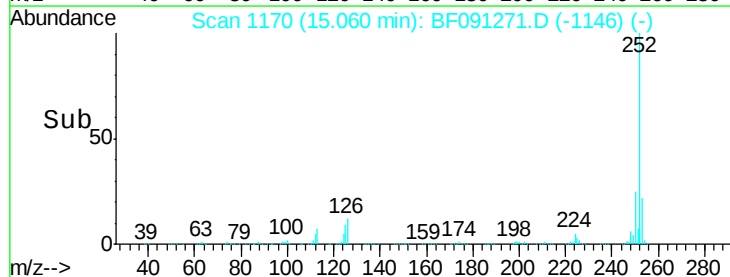
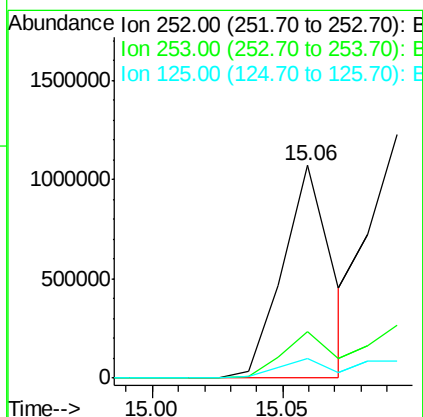
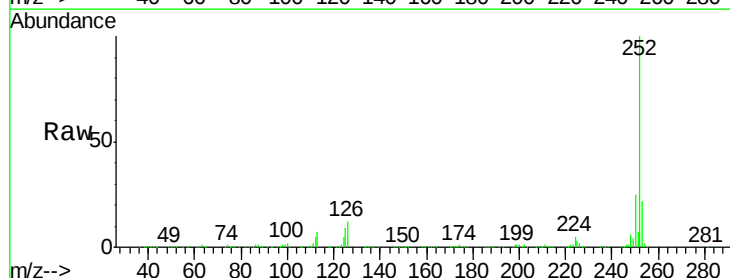
Instrument :
BNA_F
ClientSampleId :

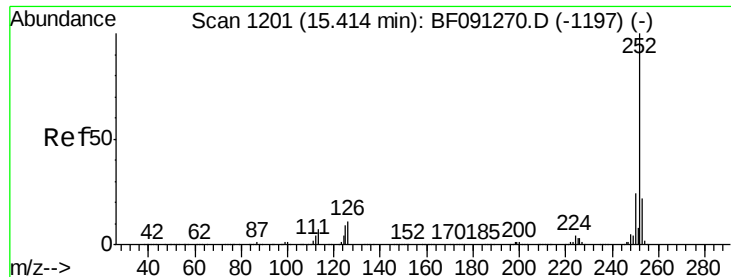
Tot Ion:252 Resp: 1390523
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 9.2 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 45.46 ng
RT: 15.06 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion:252 Resp: 1390523
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.2 9.6 14.4#

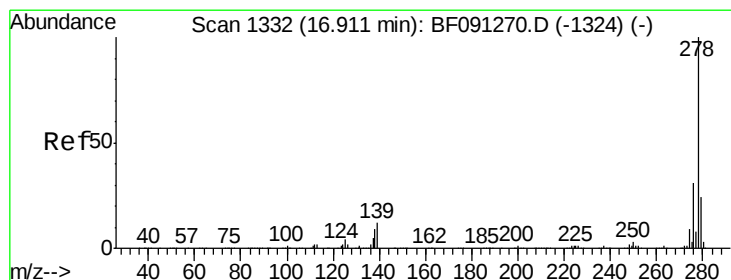
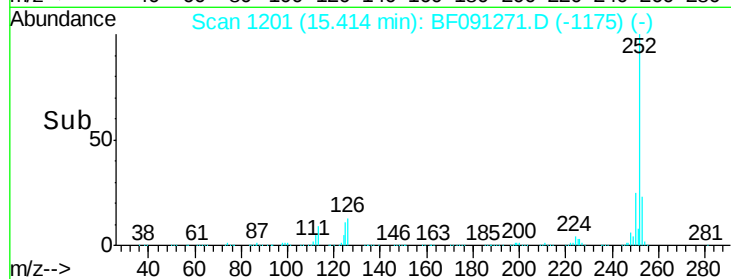
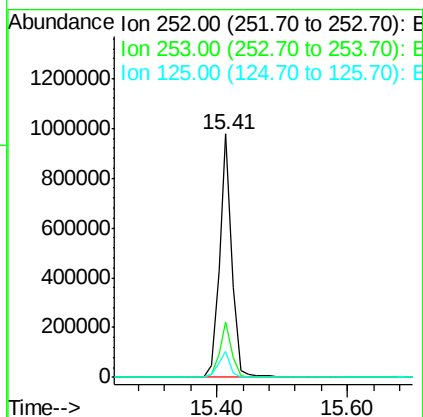
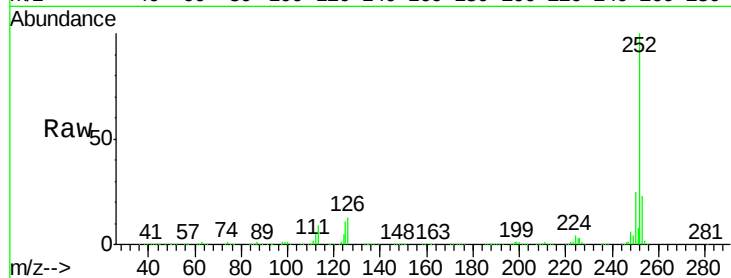




#89
Benzo(a)pyrene
Concen: 46.44 ng
RT: 15.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

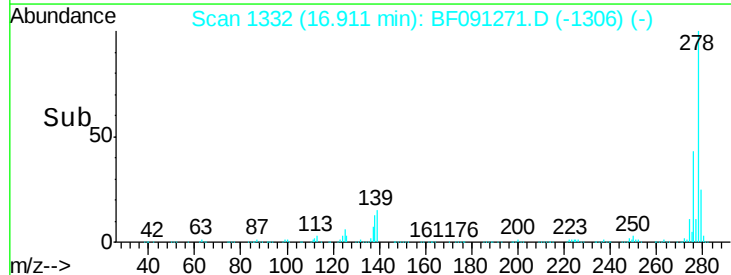
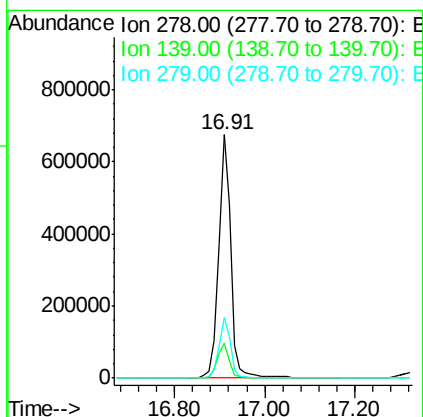
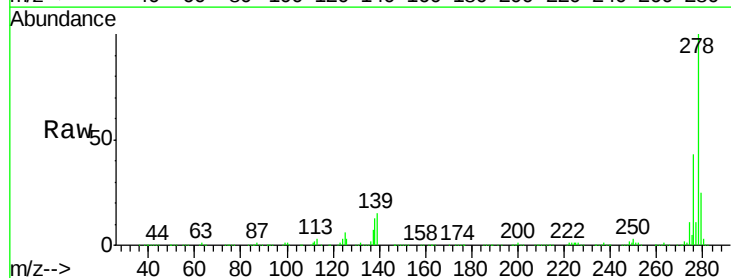
Instrument :
BNA_F
ClientSampleId :

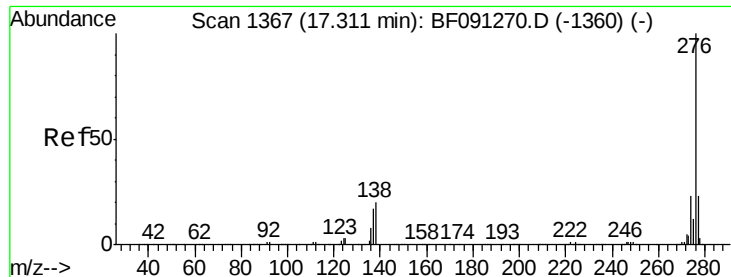
Tot Ion:252 Resp: 1289575
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 10.5 10.4 15.6



#90
Dibenzo(a,h)anthracene
Concen: 55.61 ng
RT: 16.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF091271.D
Acq: 23 Nov 2016 11:18

Tgt Ion:278 Resp: 1272408
Ion Ratio Lower Upper
278 100
139 14.6 15.1 22.7#
279 24.7 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 53.54 ng

RT: 17.32 min Scan# 1368

Delta R.T. 0.01 min

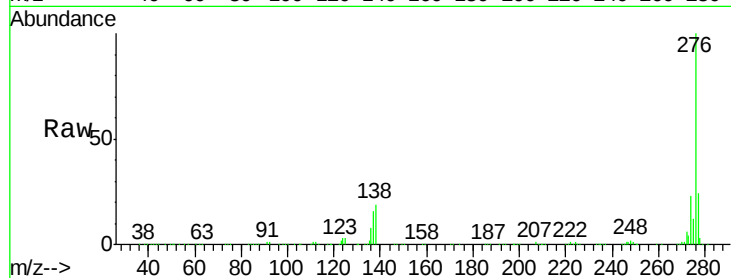
Lab File: BF091271.D

Acq: 23 Nov 2016 11:18

Instrument :

BNA_F

ClientSampleId :



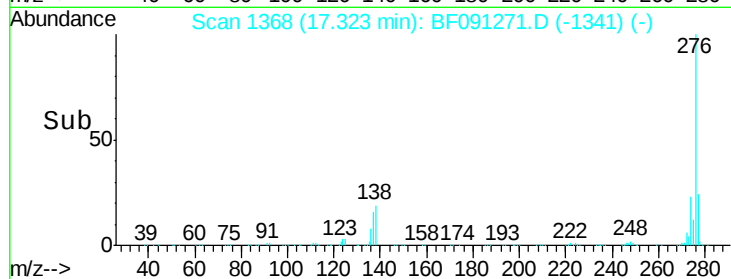
Tot Ion: 276 Resp: 1251979

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 18.9 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

