

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091531.D
 Acq On : 9 Dec 2016 16:40
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 17:03:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 15:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	281930	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1049204	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	531496	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	814841	20.00	ng	0.00
75) Chrysene-d12	13.97	240	458714	20.00	ng	0.01
86) Perylene-d12	15.38	264	489102	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2244983	130.08	ng	0.00
7) Phenol-d6	6.46	99	2721914	128.12	ng	0.01
23) Nitrobenzene-d5	7.39	82	2578861	137.74	ng	0.01
41) 2,4,6-Tribromophenol	10.65	330	573339	113.94	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	3570096	121.62	ng	0.00
78) Terphenyl-d14	12.92	244	2842322	134.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	640604	82.05	ng	# 85
3) Pyridine	3.10	79	1801804	81.55	ng	# 81
4) n-Nitrosodimethylamine	3.08	42	773492	66.72	ng	# 65
6) Aniline	6.49	93	1825186	64.68	ng	# 76
8) 2-Chlorophenol	6.60	128	1261445	66.67	ng	85
9) Benzaldehyde	6.36	77	723574	52.96	ng	86
10) Phenol	6.48	94	1405139	56.21	ng	78
11) bis(2-Chloroethyl)ether	6.56	93	1274508	71.36	ng	92
12) 1,3-Dichlorobenzene	6.76	146	1460991	69.41	ng	98
13) 1,4-Dichlorobenzene	6.83	146	1336217	63.82	ng	95
14) 1,2-Dichlorobenzene	6.99	146	1177570	60.38	ng	99
15) Benzyl Alcohol	6.97	79	1038030	61.05	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1916483	49.90	ng	81
17) 2-Methylphenol	7.08	107	1060885	70.93	ng	# 76
18) Hexachloroethane	7.33	117	570588	76.75	ng	89
19) n-Nitroso-di-n-propylamine	7.25	70	976953	72.99	ng	# 79
20) 3+4-Methylphenols	7.24	107	1047670	57.38	ng	# 63
22) Acetophenone	7.24	105	1817925	73.10	ng	# 90
24) Nitrobenzene	7.41	77	1657141	86.45	ng	# 83
25) Isophorone	7.65	82	2557826	77.11	ng	99
26) 2-Nitrophenol	7.72	139	679739	77.81	ng	88
27) 2,4-Dimethylphenol	7.77	122	1115413	68.26	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	1330419	66.64	ng	99
29) 2,4-Dichlorophenol	7.96	162	993554	69.12	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	1086142	67.39	ng	99
31) Naphthalene	8.13	128	3452747	69.24	ng	100
32) Benzoic acid	7.93	122	928401	77.07	ng	97
33) 4-Chloroaniline	8.18	127	1482344	69.54	ng	98
34) Hexachlorobutadiene	8.25	225	618791	62.44	ng	98
35) Caprolactam	8.58	113	326059	78.92	ng	# 55
36) 4-Chloro-3-methylphenol	8.67	107	1206323	77.73	ng	96
37) 2-Methylnaphthalene	8.82	142	2257822	66.65	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	894774	59.72	ng	99
40) Hexachlorocyclopentadiene	8.97	237	514356	74.06	ng	99

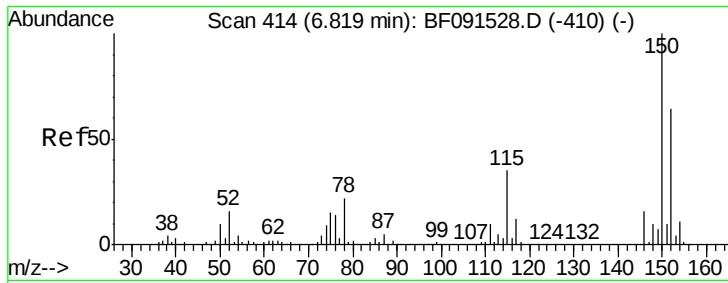
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091531.D
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 QLast Update : Fri Dec 09 15:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	660184	67.80	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	667316	68.38	nq	# 87
45) 1,1'-Biphenyl	9.29	154	2804753	73.39	nq	94
46) 2-Chloronaphthalene	9.31	162	2126867	74.73	nq	97
47) 2-Nitroaniline	9.40	65	688213	67.32	nq	88
48) Acenaphthylene	9.72	152	3039101	67.83	nq	98
49) Dimethylphthalate	9.60	163	2470569	76.77	nq	99
50) 2,6-Dinitrotoluene	9.65	165	582885	81.03	nq	# 61
51) Acenaphthene	9.89	154	2078289	68.77	nq	97
52) 3-Nitroaniline	9.81	138	604710	72.63	nq	92
53) 2,4-Dinitrophenol	9.92	184	267377	85.00	nq	# 84
54) Dibenzofuran	10.06	168	2585479	63.90	nq	97
55) 4-Nitrophenol	9.98	139	549186	91.33	nq	# 73
56) 2,4-Dinitrotoluene	10.05	165	731468	78.39	nq	# 78
57) Fluorene	10.41	166	2124853	68.40	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	489632	58.76	nq	89
59) Diethylphthalate	10.28	149	2159274	67.97	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	814528	52.28	nq	# 76
61) 4-Nitroaniline	10.43	138	626759	80.17	nq	86
62) Azobenzene	10.56	77	2420534	74.67	nq	91
64) 4,6-Dinitro-2-methylphenol	10.45	198	350111	77.99	nq	# 85
65) n-Nitrosodiphenylamine	10.52	169	1792475	72.55	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	608743	69.51	nq	95
67) Hexachlorobenzene	10.96	284	642315	67.87	nq	# 93
68) Atrazine	11.05	200	487955	60.98	nq	100
69) Pentachlorophenol	11.14	266	367962	66.04	nq	93
70) Phenanthrene	11.37	178	2998090	70.81	nq	99
71) Anthracene	11.41	178	2705880	64.39	nq	98
72) Carbazole	11.57	167	2876584	75.44	nq	99
73) Di-n-butylphthalate	11.91	149	3018630	69.85	nq	98
74) Fluoranthene	12.55	202	2646129	65.98	nq	95
76) Benzidine	12.67	184	969503	72.00	nq	96
77) Pyrene	12.77	202	2780358	79.87	nq	98
79) Butylbenzylphthalate	13.39	149	1223857	93.89	nq	# 85
80) Benzo(a)anthracene	13.95	228	1998468	74.50	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	758689	80.28	nq	99
82) Chrysene	14.00	228	2085209	78.56	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	1487777	90.04	nq	# 94
84) Di-n-octyl phthalate	14.57	149	2465379	98.60	nq	94
85) Indeno(1,2,3-cd)pyrene	16.76	276	2241169	92.20	nq	100
87) Benzo(b)fluoranthene	14.98	252	1986858	65.35	nq	99
88) Benzo(k)fluoranthene	14.98	252	1986858	77.72	nq	97
89) Benzo(a)pyrene	15.32	252	1967022	72.05	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	1870619	74.08	nq	98
91) Benzo(g,h,i)perylene	17.17	276	2000833	76.85	nq	96

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

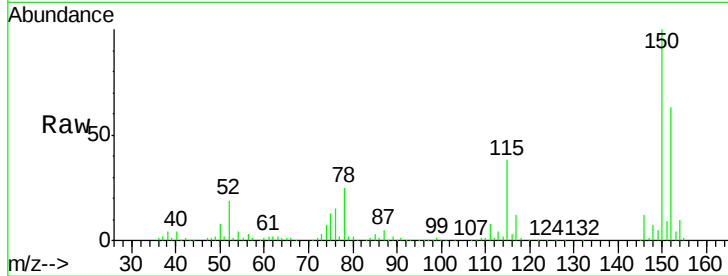


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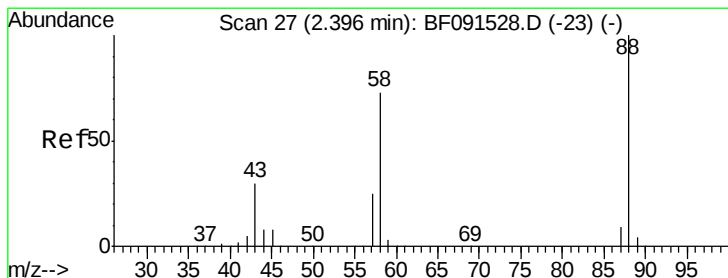
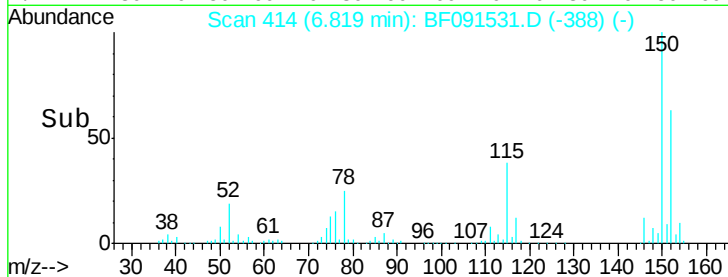
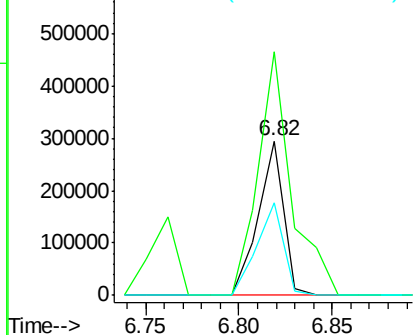
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 281930
Ion Ratio Lower Upper
152 100
150 157.9 122.5 183.7
115 60.1 51.8 77.8



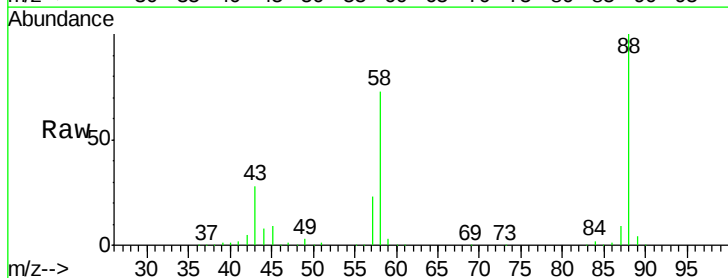
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



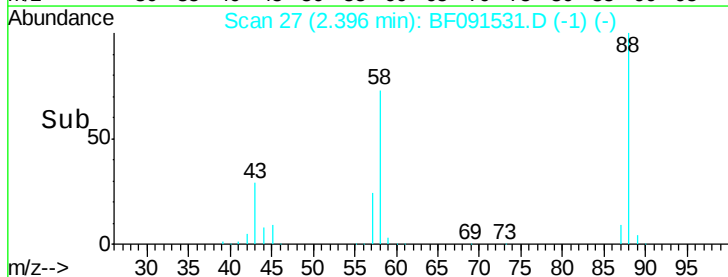
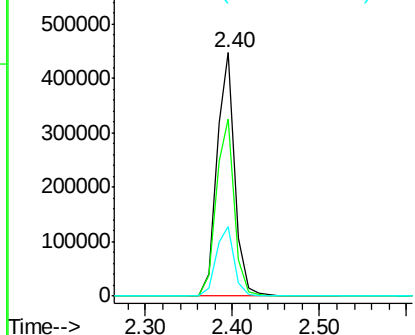
#2

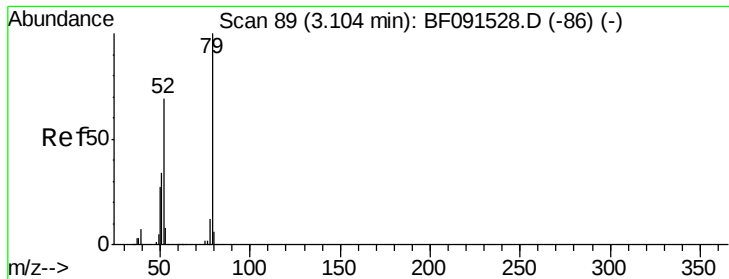
1,4-Dioxane
Concen: 82.05 ng
RT: 2.40 min Scan# 27
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Tgt Ion: 88 Resp: 640604
Ion Ratio Lower Upper
88 100
58 74.1 70.3 105.5
43 29.3 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: 81.55 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

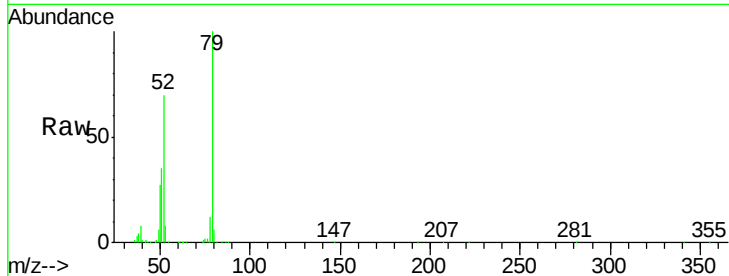
Tot Ion: 79 Resp: 1801804

Ion Ratio Lower Upper

79 100

52 70.4 71.0 106.4#

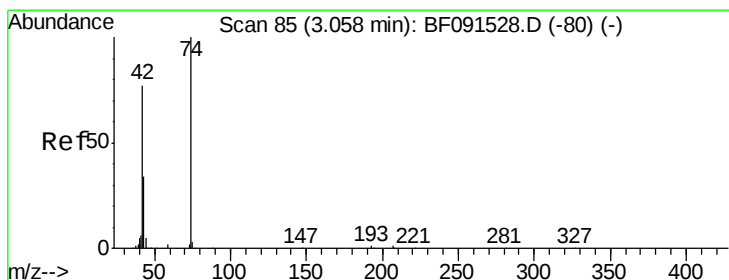
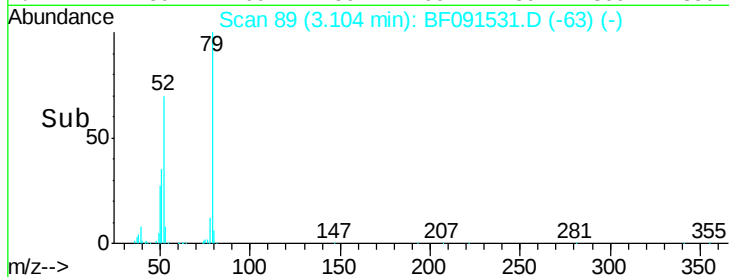
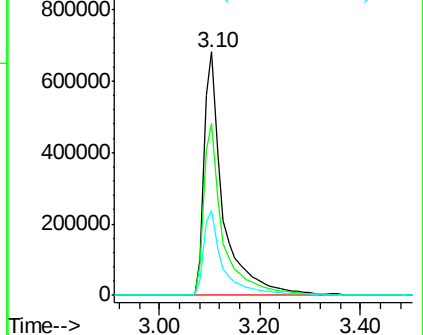
51 35.0 37.0 55.4#



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: 66.72 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.02 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

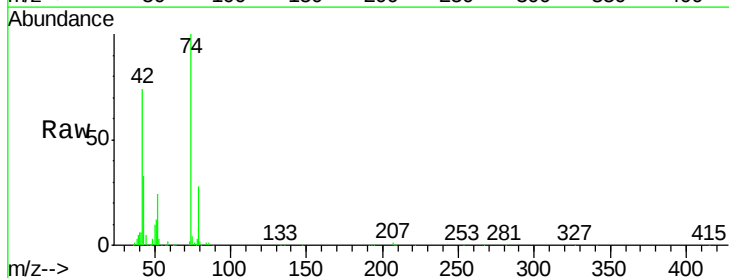
Tgt Ion: 42 Resp: 773492

Ion Ratio Lower Upper

42 100

74 135.8 78.9 118.3#

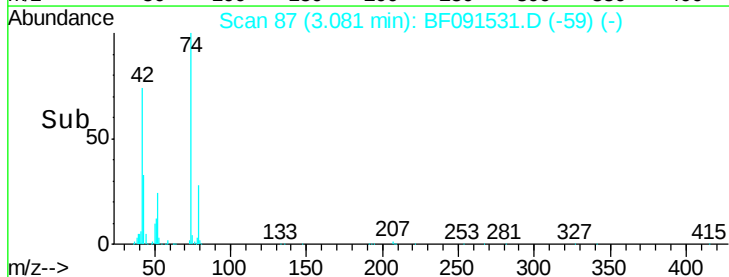
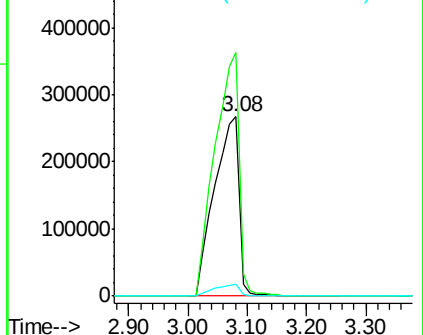
44 6.6 5.8 8.6

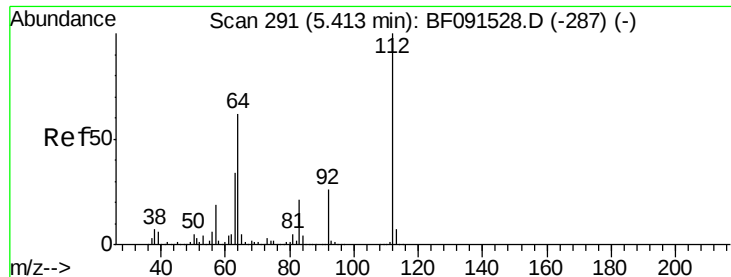


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.08 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

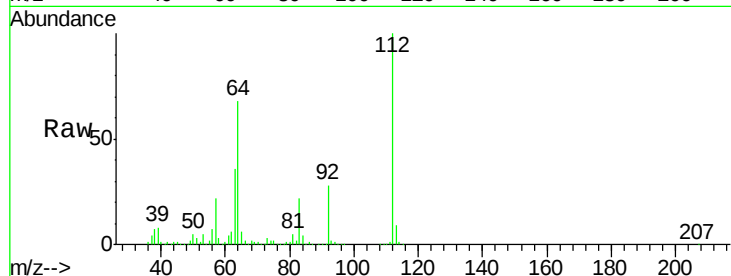
Tot Ion:112 Resp: 2244983

Ion Ratio Lower Upper

112 100

64 68.4 61.5 92.3

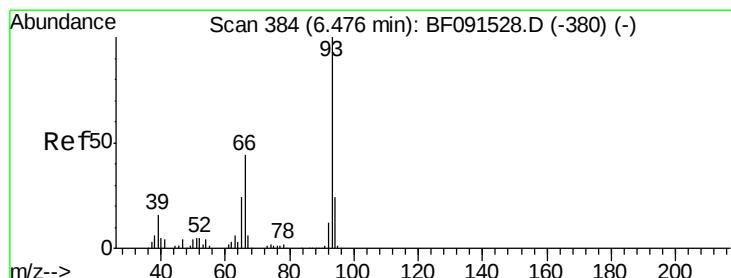
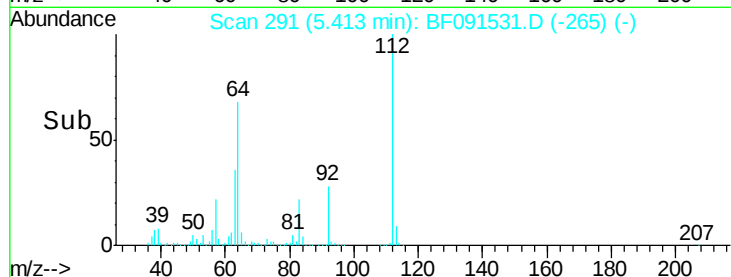
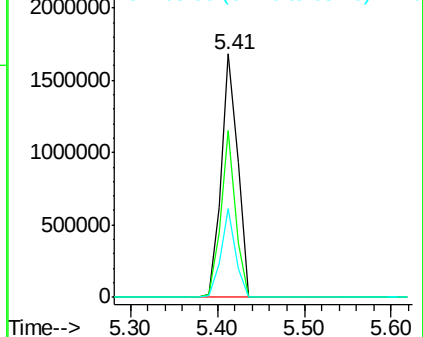
63 36.4 33.3 49.9



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: 64.68 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

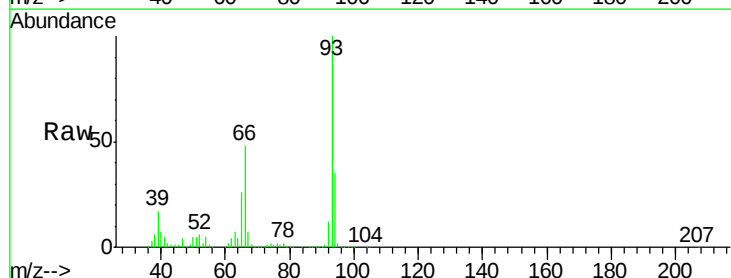
Tgt Ion: 93 Resp: 1825186

Ion Ratio Lower Upper

93 100

66 48.0 55.8 83.6#

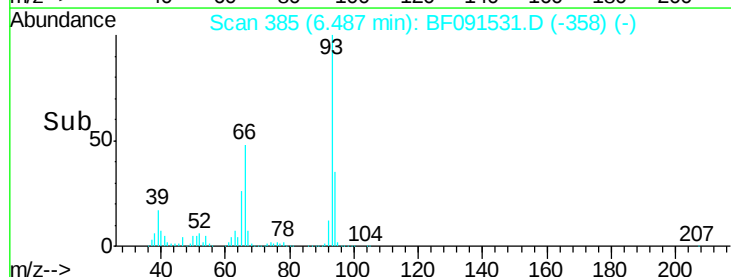
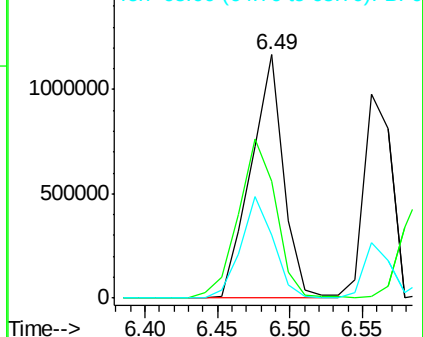
65 25.7 29.9 44.9#

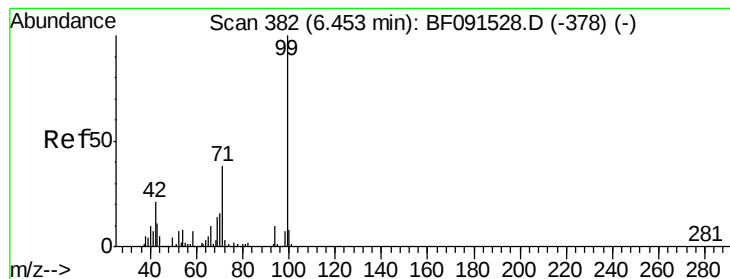


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.12 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampled :

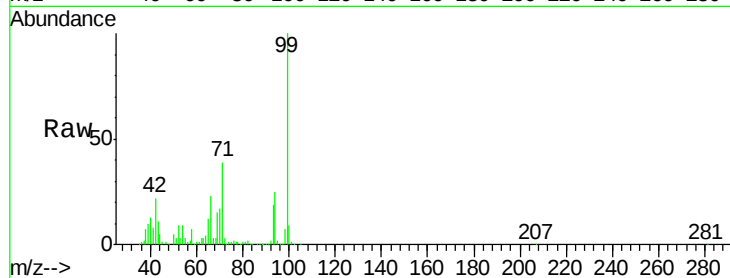
Tot Ion: 99 Resp: 2721914

Ion Ratio Lower Upper

99 100

42 22.1 20.6 31.0

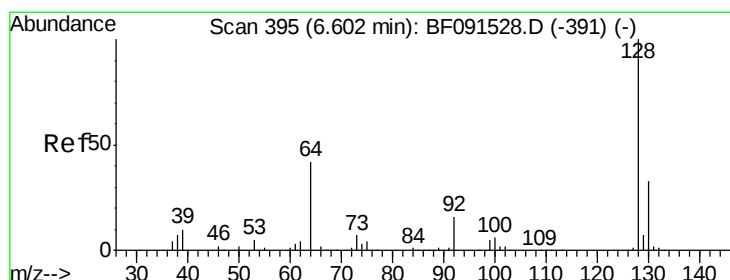
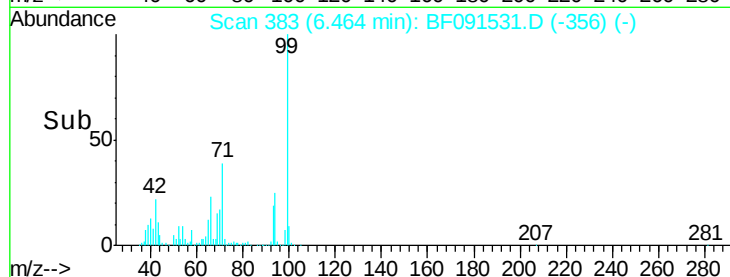
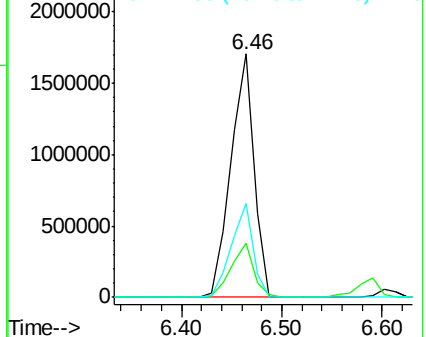
71 38.6 29.9 44.9



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: 66.67 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

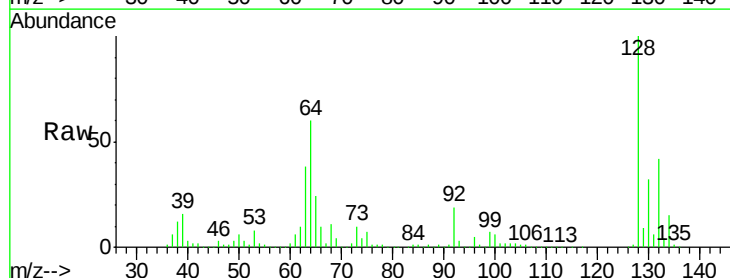
Tgt Ion: 128 Resp: 1261445

Ion Ratio Lower Upper

128 100

130 32.3 13.1 53.1

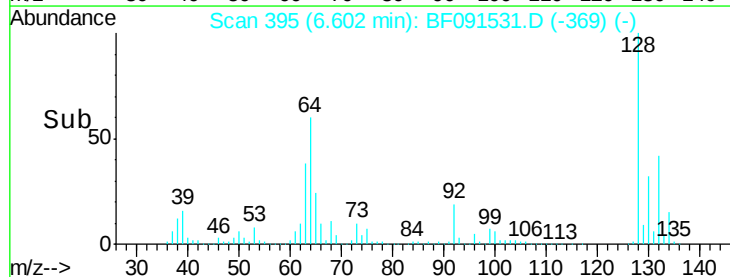
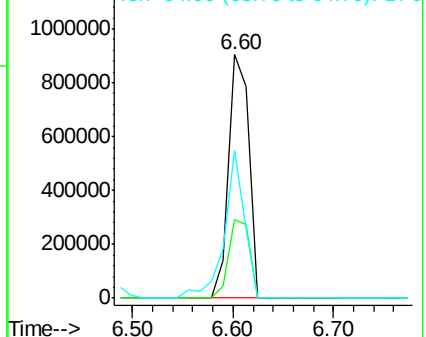
64 60.4 24.1 64.1

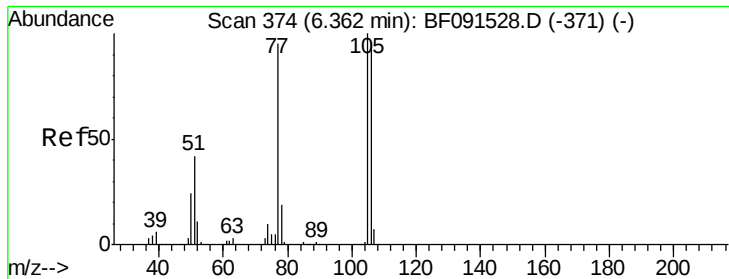


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 52.96 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

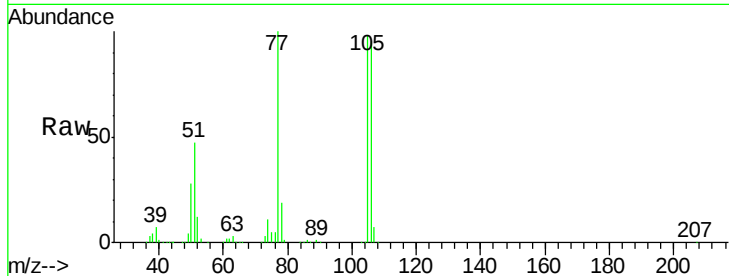
Tot Ion: 77 Resp: 723574

Ion Ratio Lower Upper

77 100

105 98.3 66.4 106.4

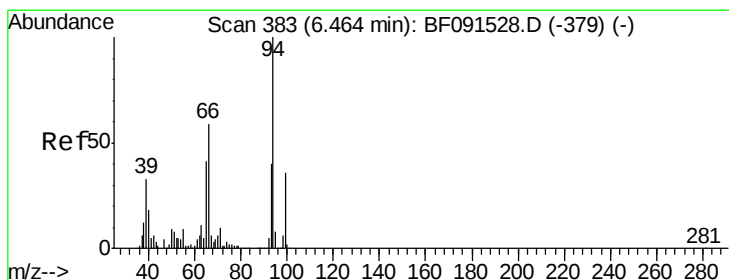
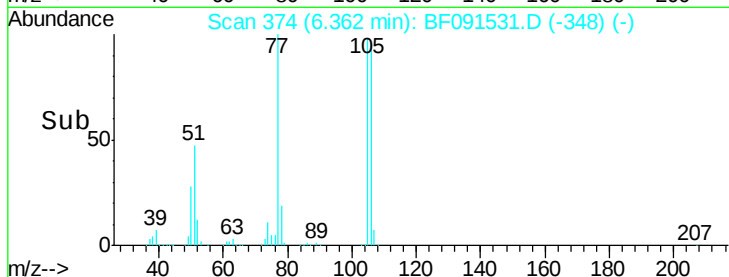
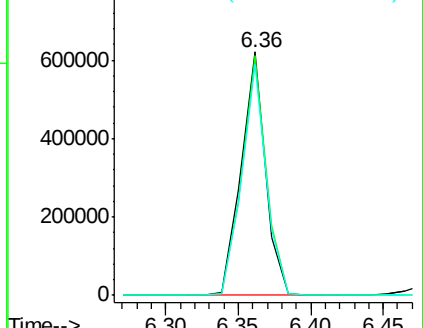
106 94.9 60.9 100.9



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: 56.21 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

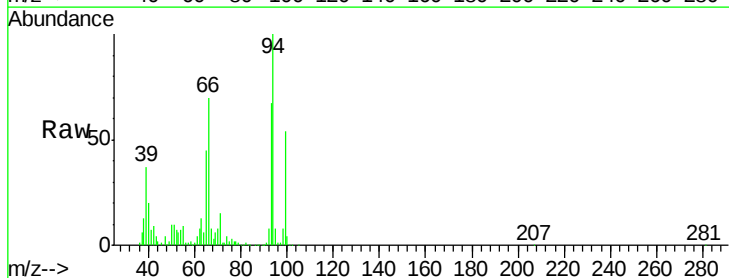
Tgt Ion: 94 Resp: 1405139

Ion Ratio Lower Upper

94 100

65 45.0 16.9 56.9

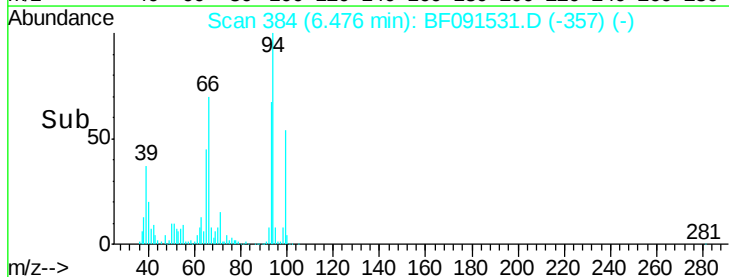
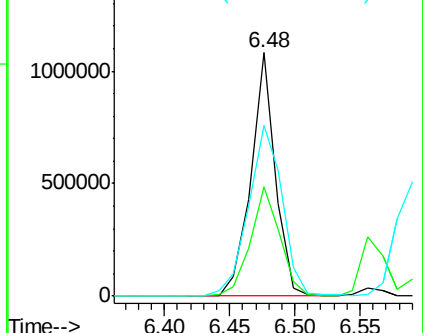
66 70.3 30.6 70.6

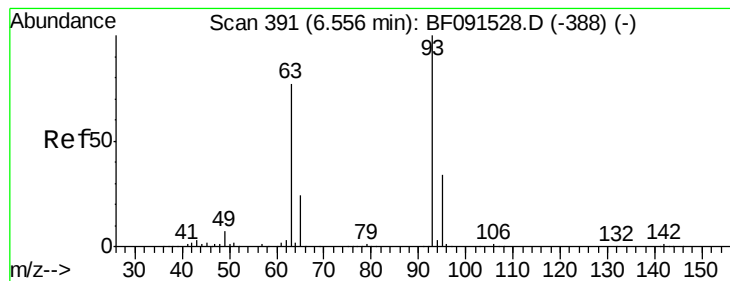


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

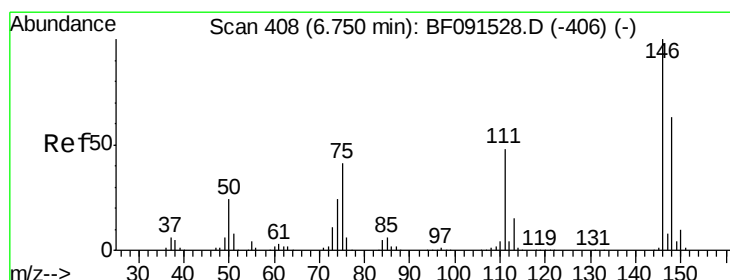
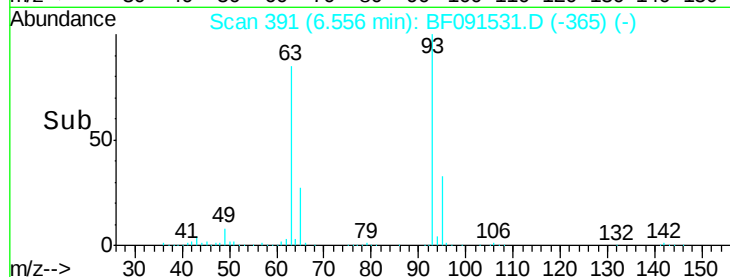
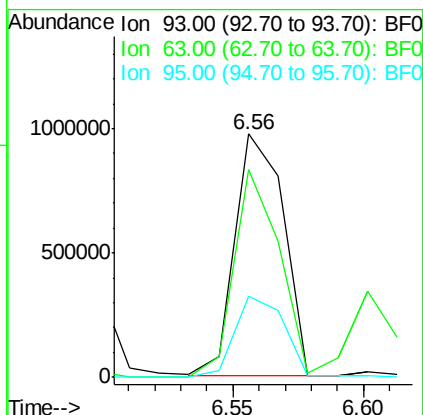
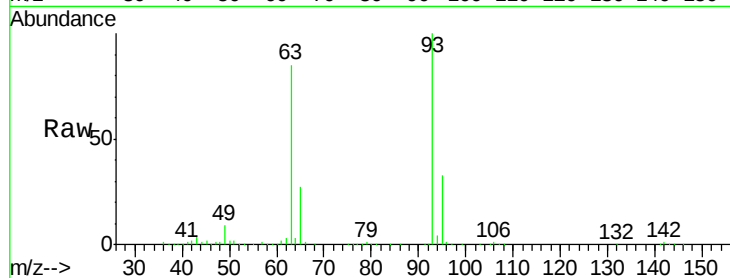




#11
bis(2-Chloroethyl)ether
Concen: 71.36 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

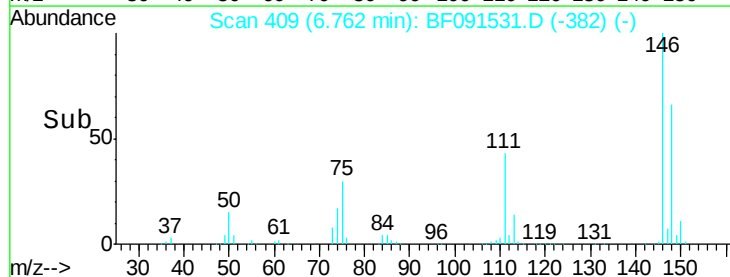
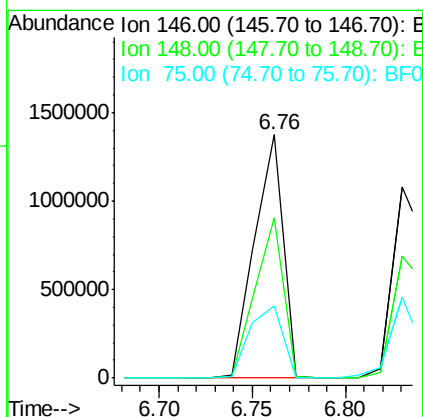
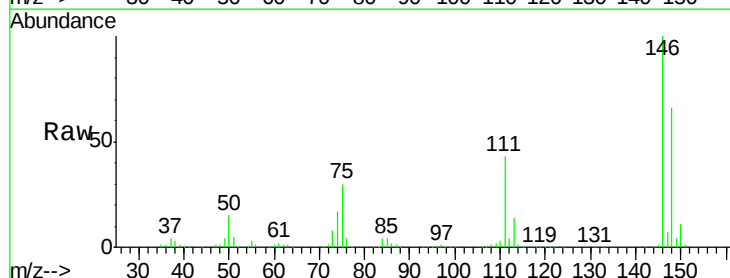
Instrument :
BNA_F
ClientSampleId :

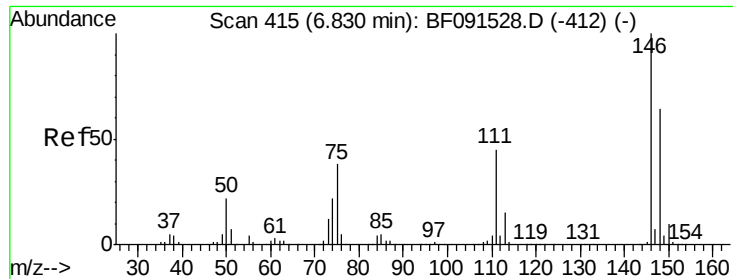
Tot Ion: 93 Resp: 1274508
Ion Ratio Lower Upper
93 100
63 85.1 74.8 114.8
95 33.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 69.41 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Tgt Ion: 146 Resp: 1460991
Ion Ratio Lower Upper
146 100
148 65.8 51.4 77.0
75 29.8 23.6 35.4

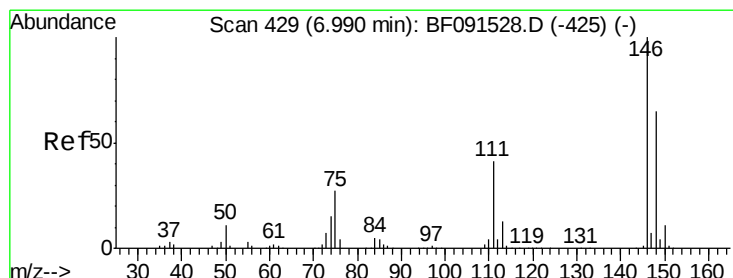
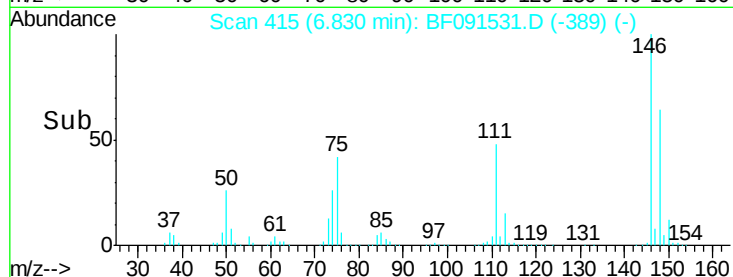
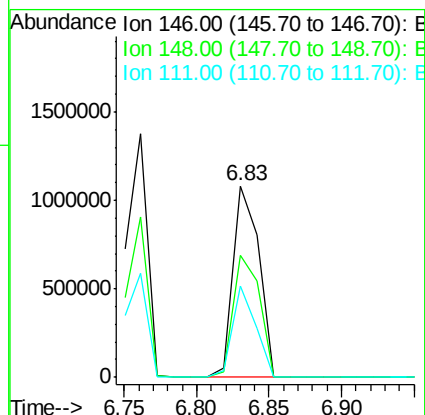
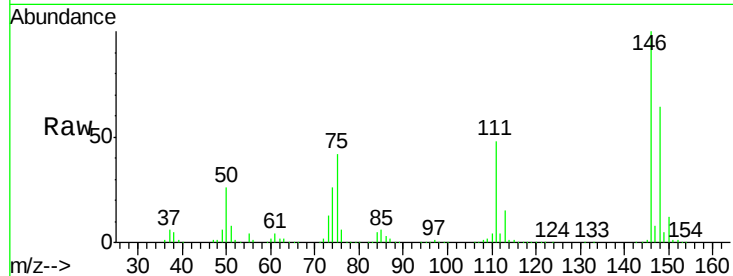




#13
 1,4-Dichlorobenzene
 Concen: 63.82 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

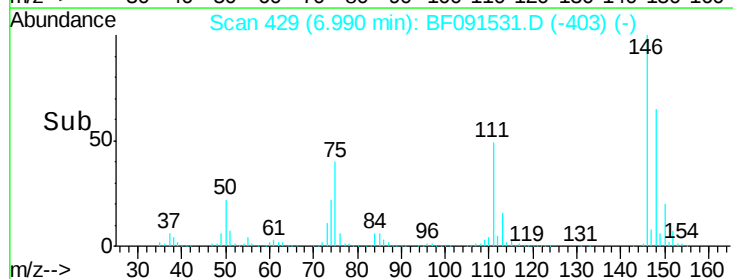
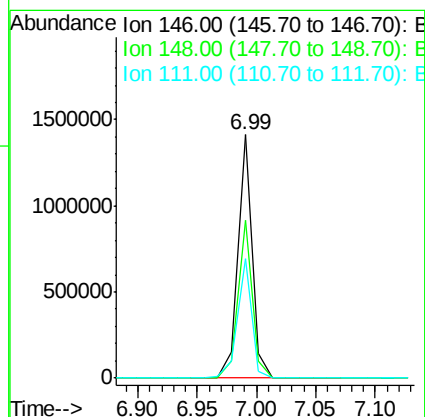
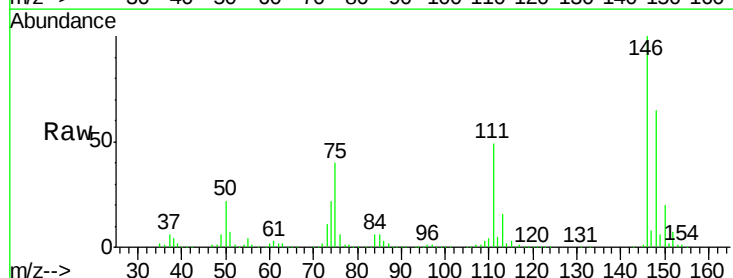
Instrument :
 BNA_F
 ClientSampleId :

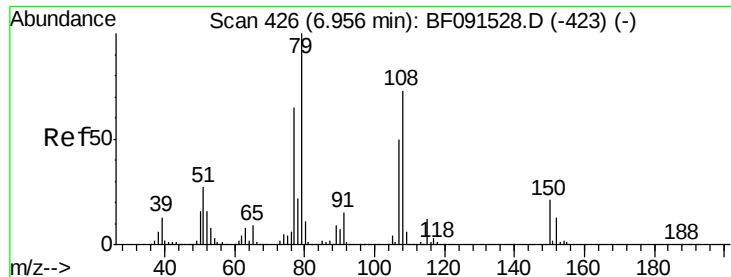
Tot Ion:146 Resp: 1336217
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.0
 111 47.9 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 60.38 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Tgt Ion:146 Resp: 1177570
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.0 76.6
 111 49.3 38.9 58.3





#15

Benzyl Alcohol

Concen: 61.05 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampled :

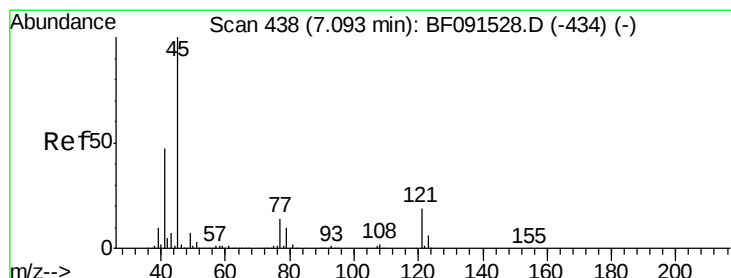
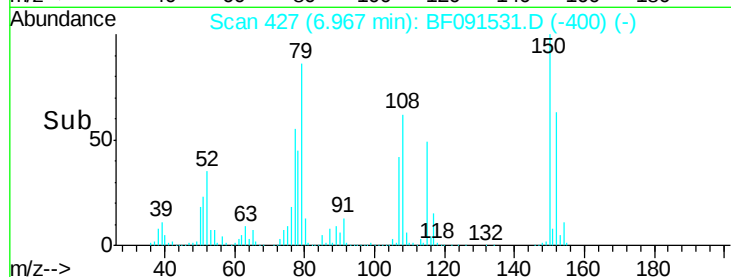
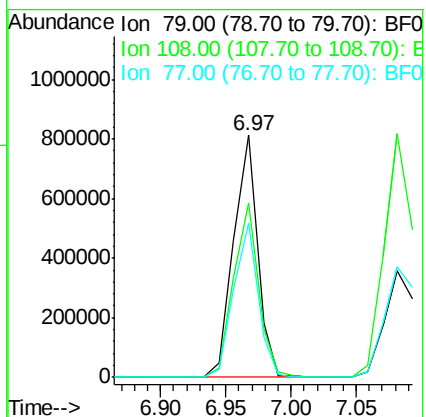
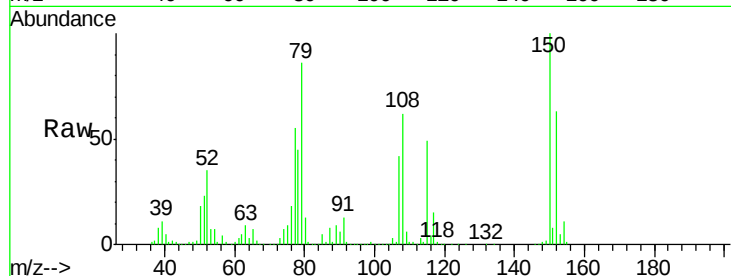
Tot Ion: 79 Resp: 1038030

Ion Ratio Lower Upper

79 100

108 72.3 62.7 94.1

77 63.8 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.90 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

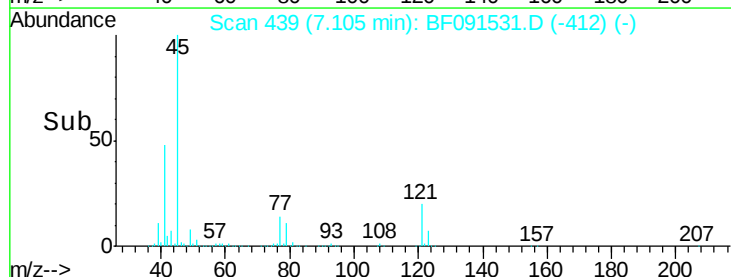
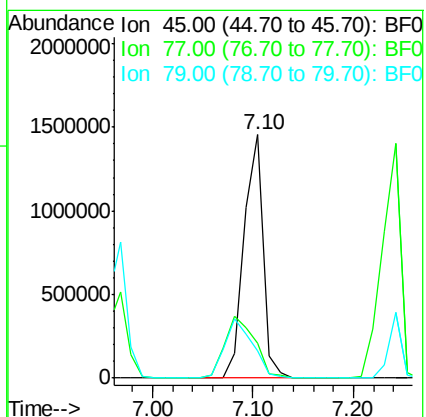
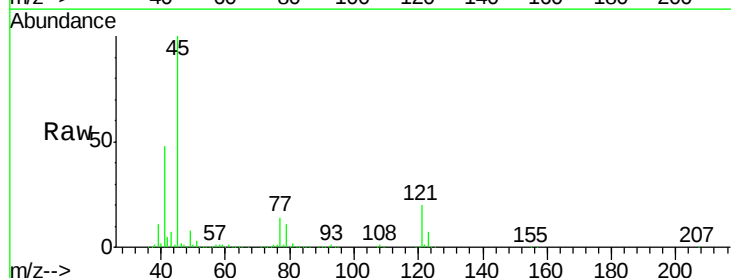
Tgt Ion: 45 Resp: 1916483

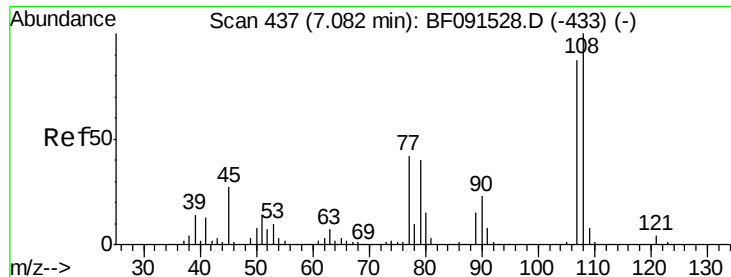
Ion Ratio Lower Upper

45 100

77 14.5 3.8 43.8

79 11.3 0.2 40.2

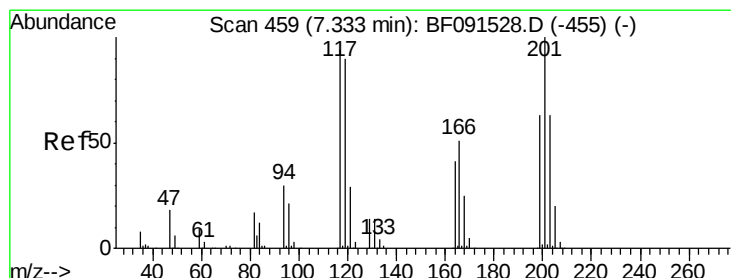
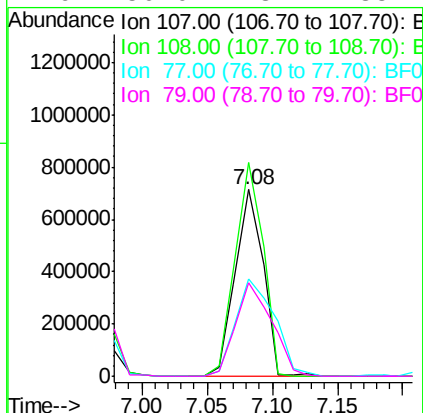
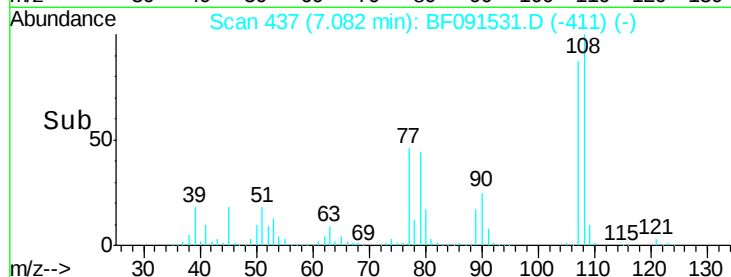
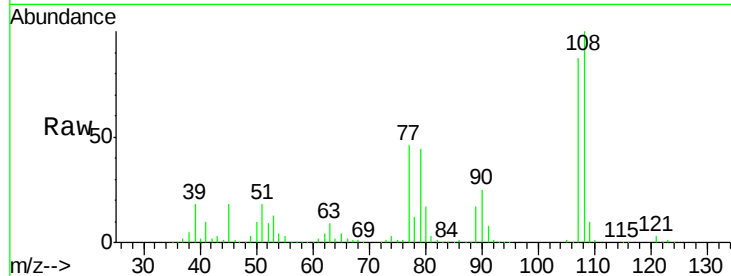




#17
2-Methylphenol
Concen: 70.93 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

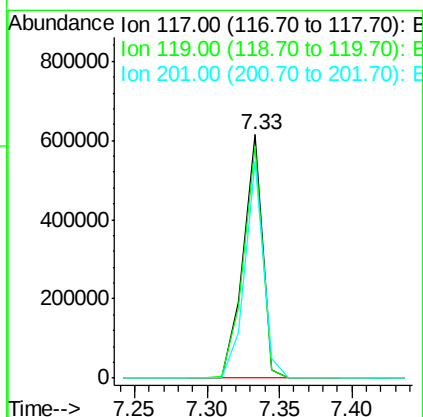
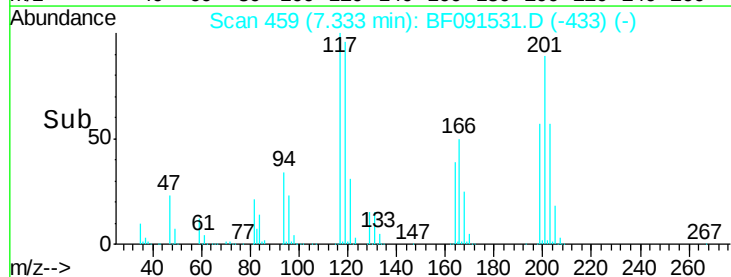
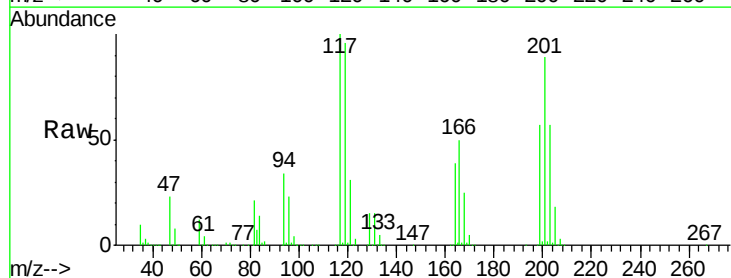
Instrument :
BNA_F
ClientSampleId :

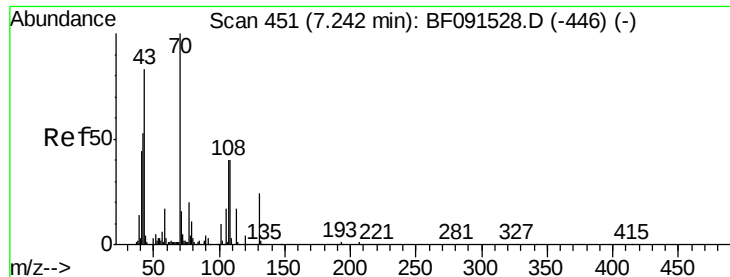
Tot Ion:107 Resp: 1060885
Ion Ratio Lower Upper
107 100
108 114.3 67.7 101.5#
77 52.1 40.7 61.1
79 50.0 23.4 35.2#



#18
Hexachloroethane
Concen: 76.75 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Tgt Ion:117 Resp: 570588
Ion Ratio Lower Upper
117 100
119 95.5 78.6 118.0
201 89.2 86.7 130.1

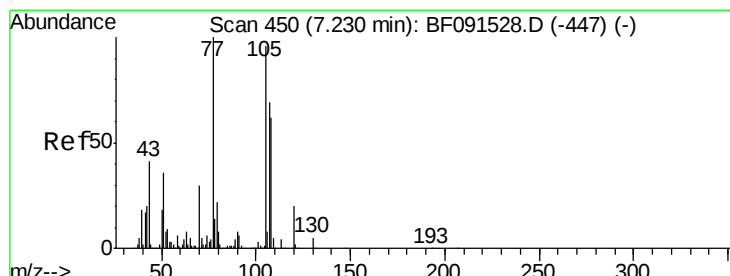
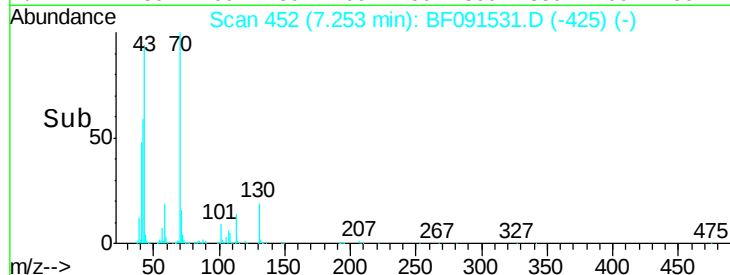
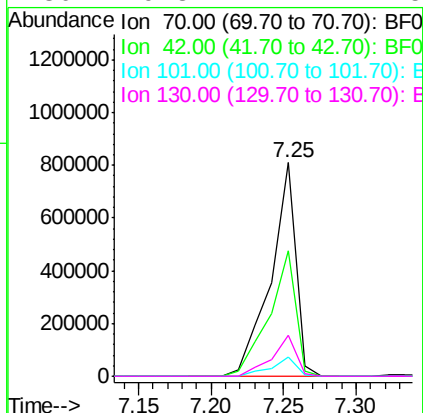
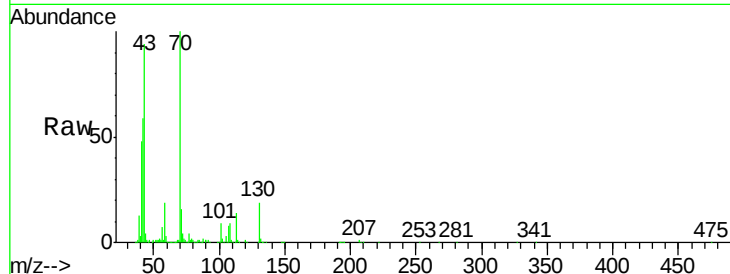




#19
n-Nitroso-di-n-propylamine
Concen: 72.99 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

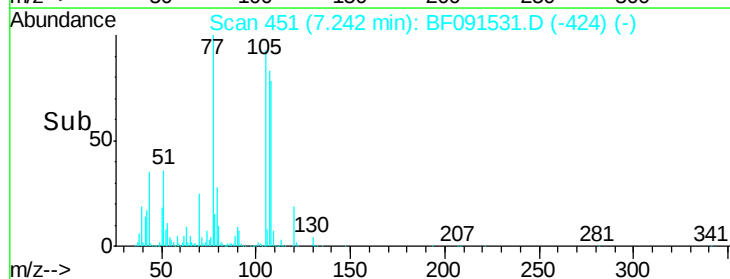
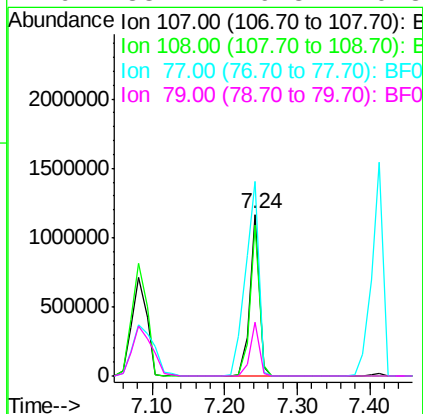
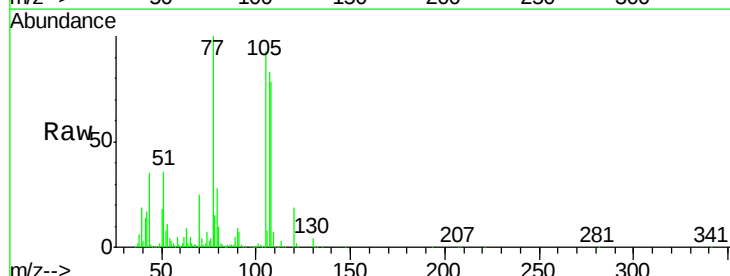
Instrument :
BNA_F
ClientSampleId :

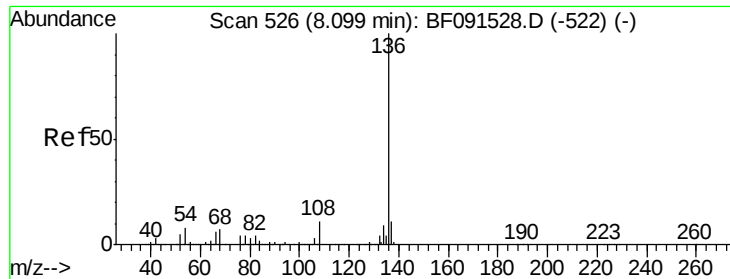
Tot Ion: 70 Resp: 976953
Ion Ratio Lower Upper
70 100
42 58.9 64.8 97.2#
101 9.2 6.2 9.4
130 19.3 11.7 17.5#



#20
3+4-Methylphenols
Concen: 57.38 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.01 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Tgt Ion: 107 Resp: 1047670
Ion Ratio Lower Upper
107 100
108 93.4 64.6 104.6
77 120.4 30.9 70.9#
79 33.7 9.3 49.3



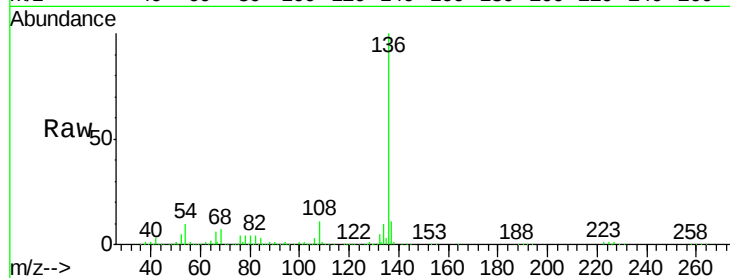


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

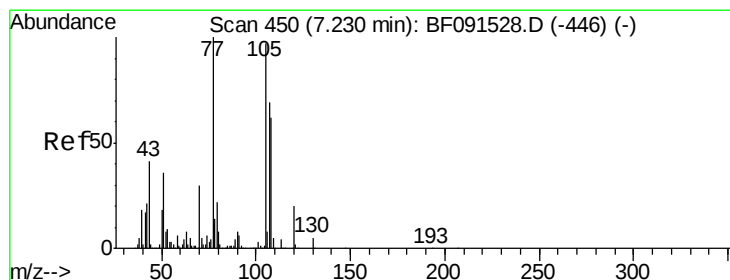
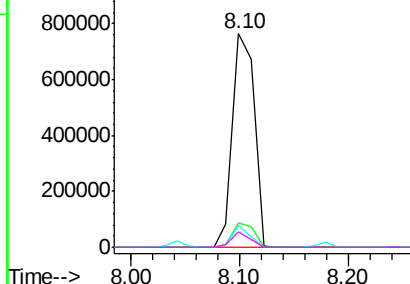
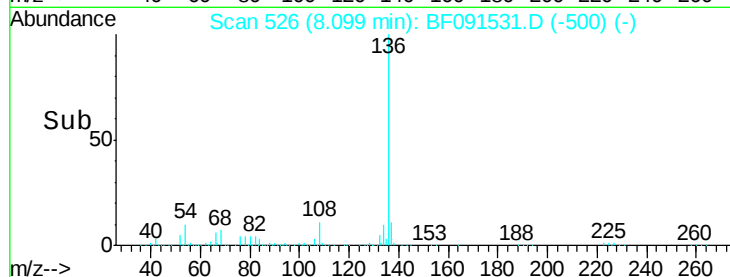
Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 1049204

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.9	9.1	13.7
68	7.1	5.9	8.9



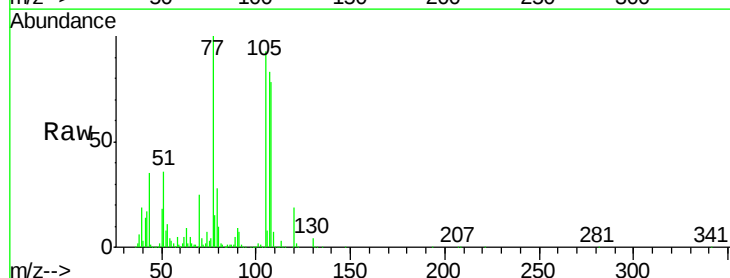
Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
1000000
Ion 54.00 (53.70 to 54.70): BF0
800000
Ion 68.00 (67.70 to 68.70): BF0



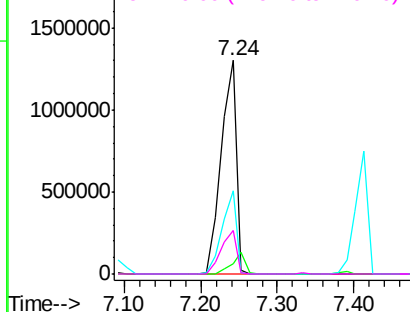
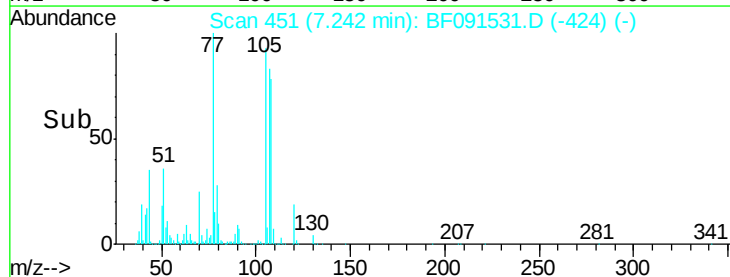
#22
Acetophenone
Concen: 73.10 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.01 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

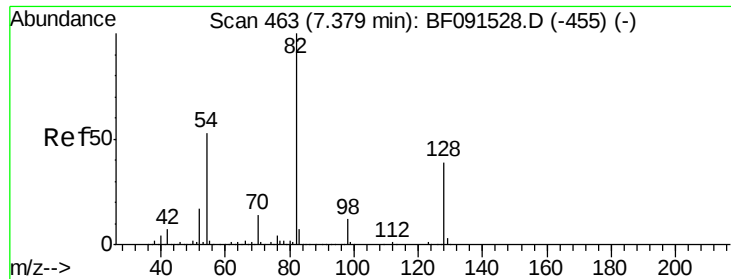
Tgt Ion:105 Resp: 1817925

Ion	Ratio	Lower	Upper
105	100		
71	4.6	7.9	11.9#
51	38.7	24.5	36.7#
120	20.7	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
2000000
Ion 71.00 (70.70 to 71.70): BF0
1500000
Ion 51.00 (50.70 to 51.70): BF0
1000000
Ion 120.00 (119.70 to 120.70): E



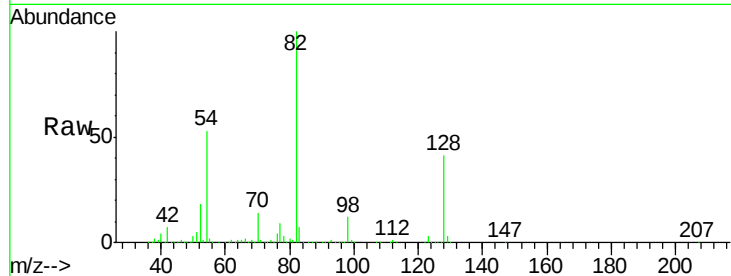


#23
 Nitrobenzene-d5
 Concen: 137.74 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.01 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

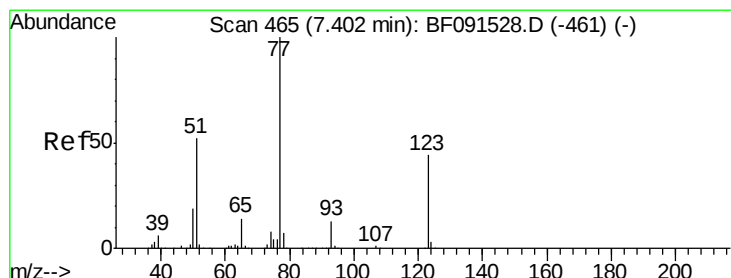
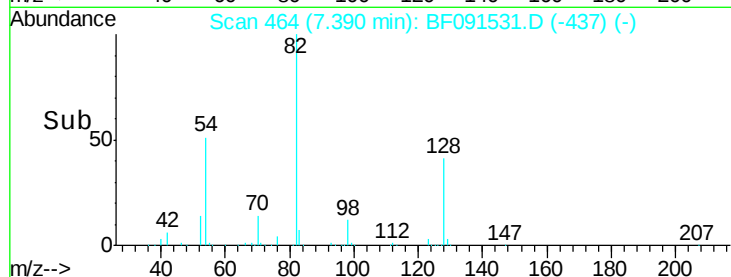
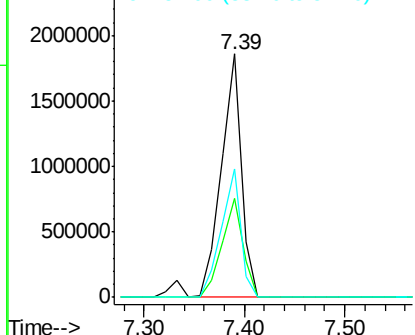
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 2578861

Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.8	47.6
54	52.6	49.1	73.7



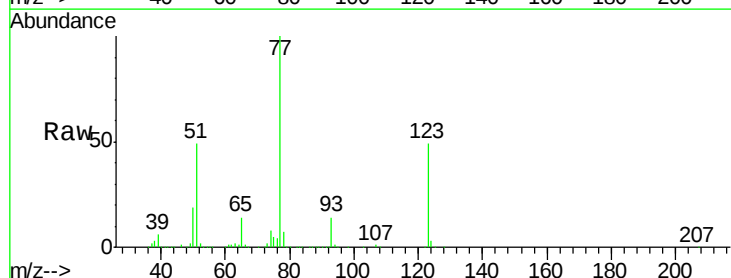
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0



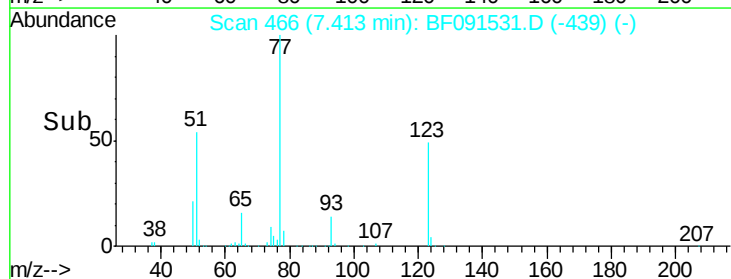
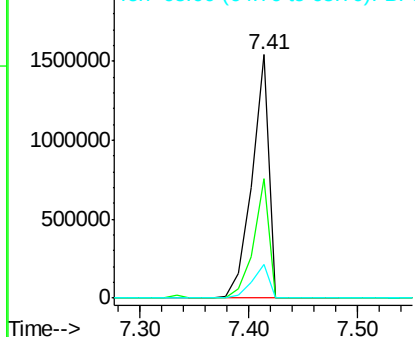
#24
 Nitrobenzene
 Concen: 86.45 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

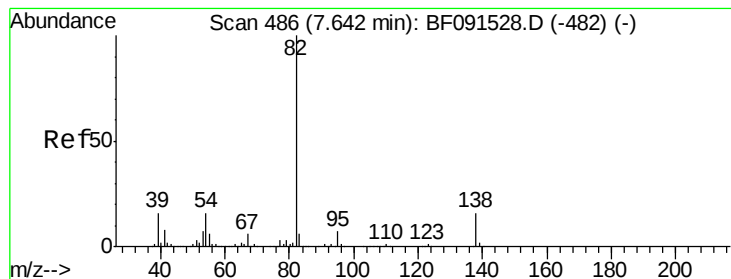
Tgt Ion: 77 Resp: 1657141

Ion	Ratio	Lower	Upper
77	100		
123	48.8	28.5	42.7#
65	13.9	12.5	18.7



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





#25

Isophorone

Concen: 77.11 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

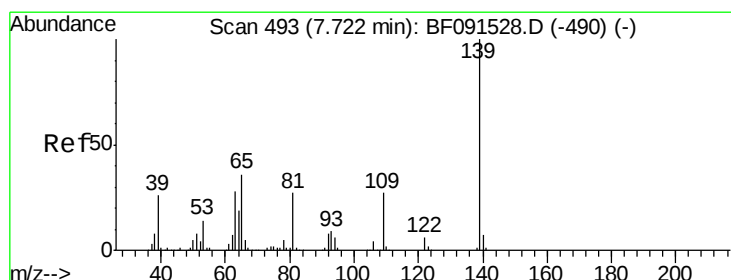
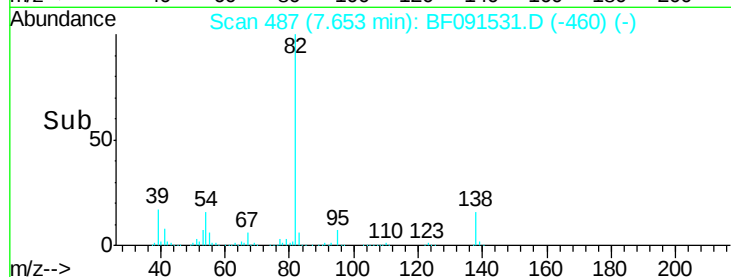
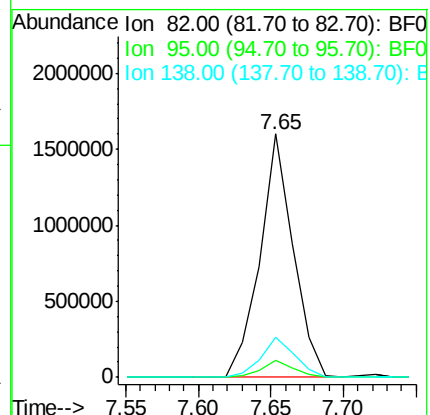
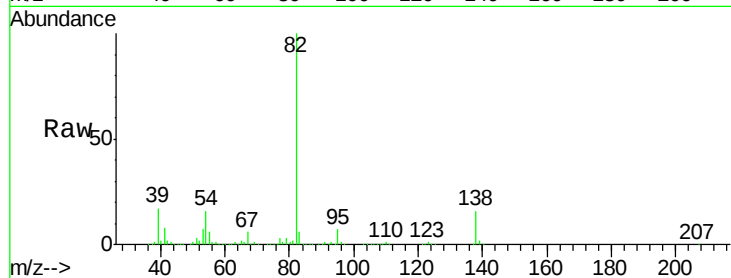
Tot Ion: 82 Resp: 2557826

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 16.3 13.4 20.0



#26

2-Nitrophenol

Concen: 77.81 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

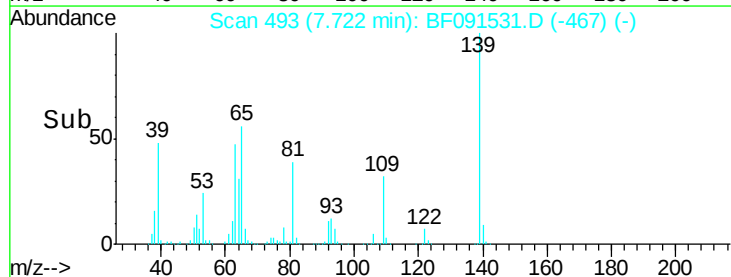
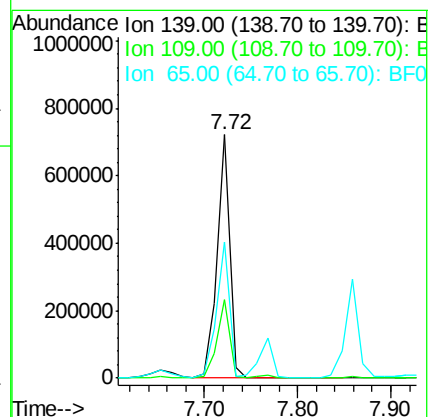
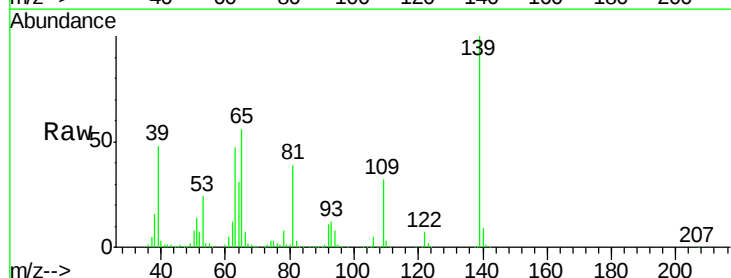
Tgt Ion: 139 Resp: 679739

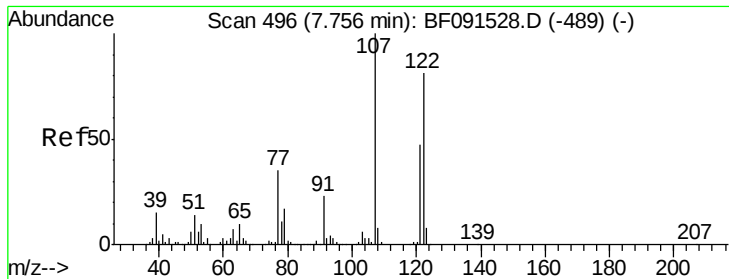
Ion Ratio Lower Upper

139 100

109 32.0 25.3 37.9

65 55.7 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 68.26 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

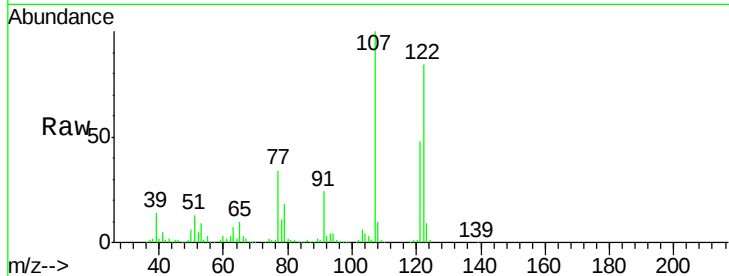
Tot Ion:122 Resp: 1115413

Ion Ratio Lower Upper

122 100

107 119.5 96.8 145.2

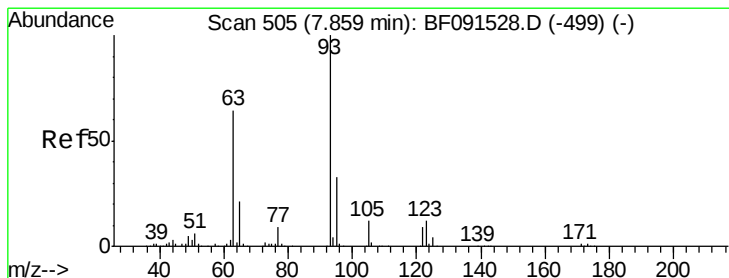
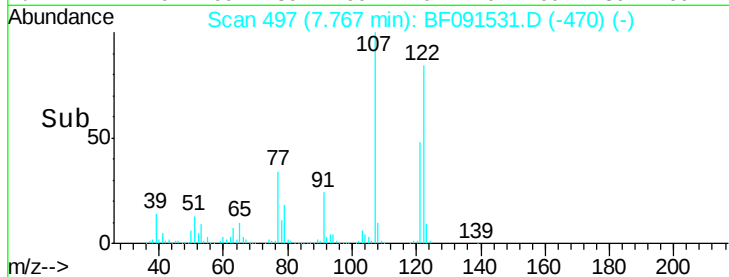
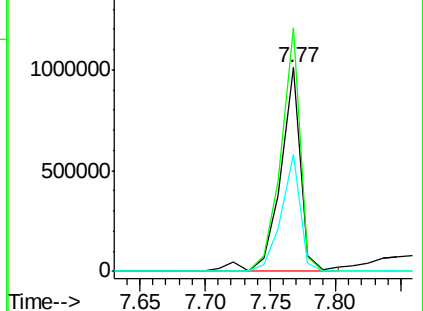
121 57.4 47.7 71.5



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: 66.64 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

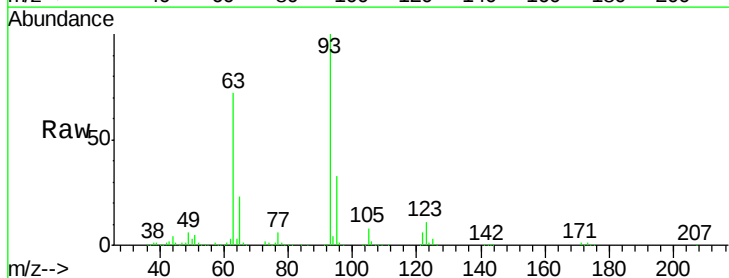
Tgt Ion: 93 Resp: 1330419

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

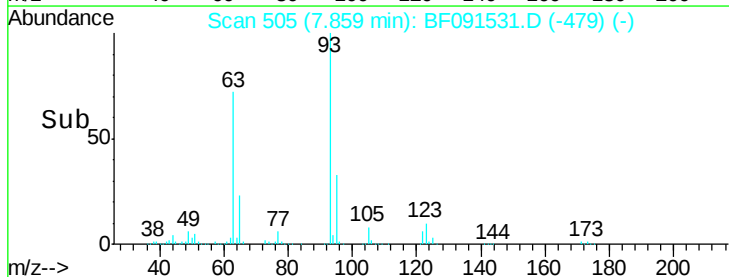
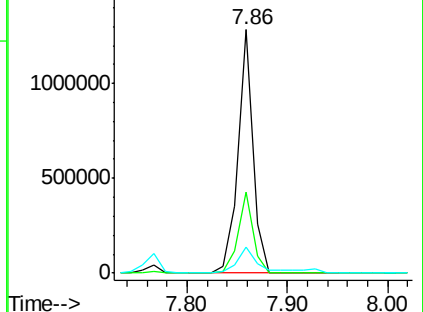
123 10.6 8.6 12.8

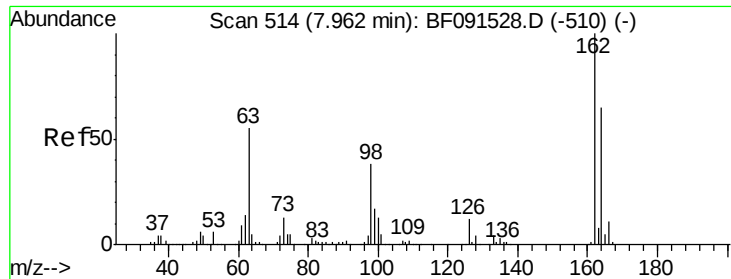


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

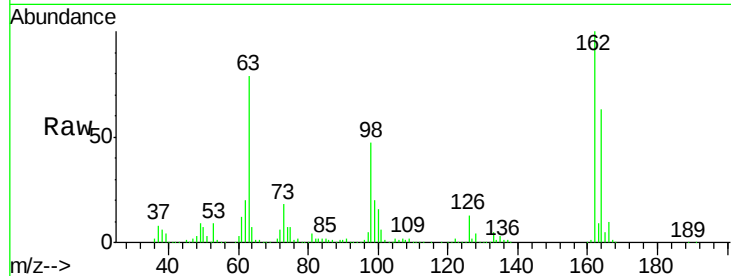




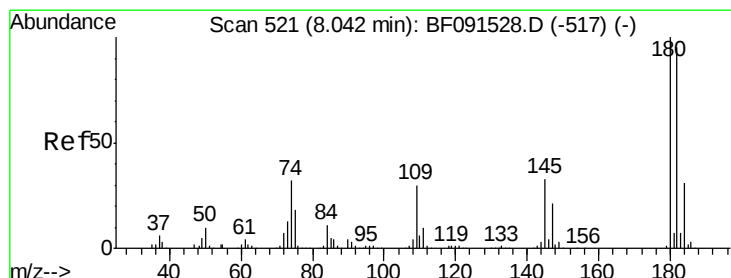
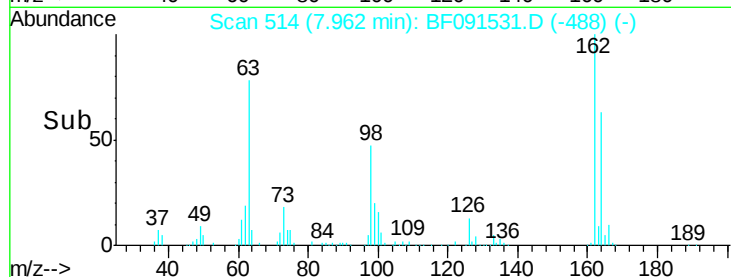
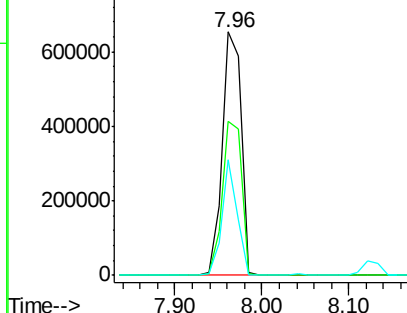
#29
 2,4-Dichlorophenol
 Concen: 69.12 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 993554
 Ion Ratio Lower Upper
 162 100
 164 63.1 45.0 85.0
 98 47.4 21.3 61.3

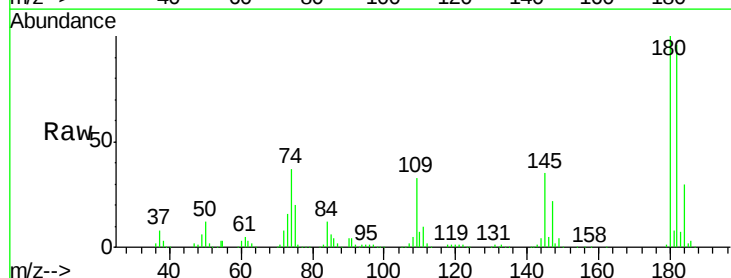


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

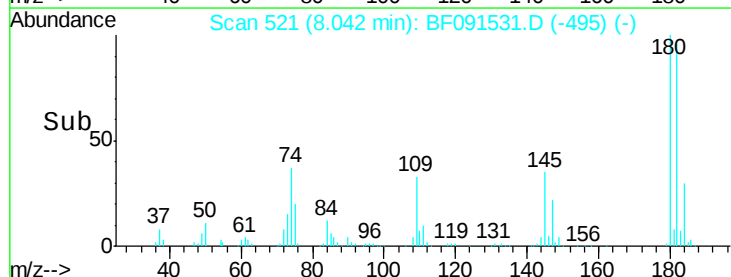
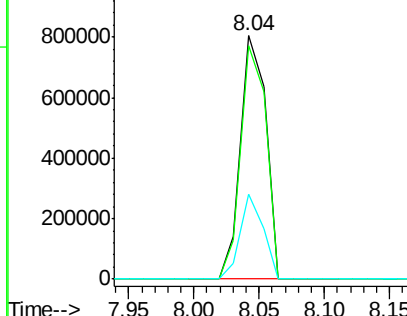


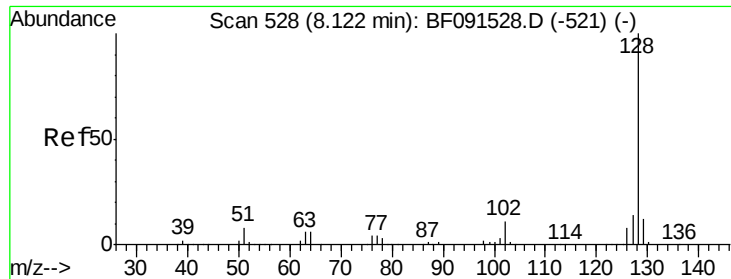
#30
 1,2,4-Trichlorobenzene
 Concen: 67.39 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Tgt Ion:180 Resp: 1086142
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.8 113.8
 145 34.6 27.0 40.4



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

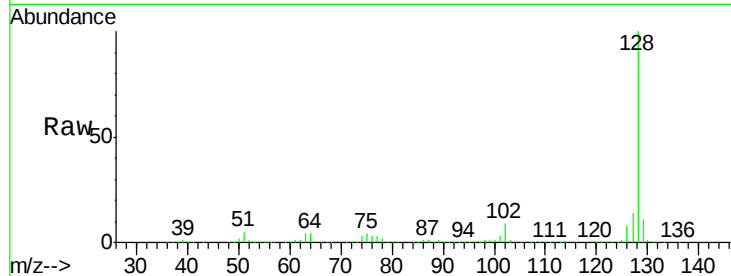




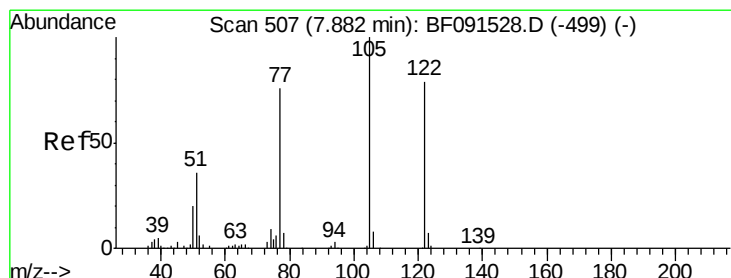
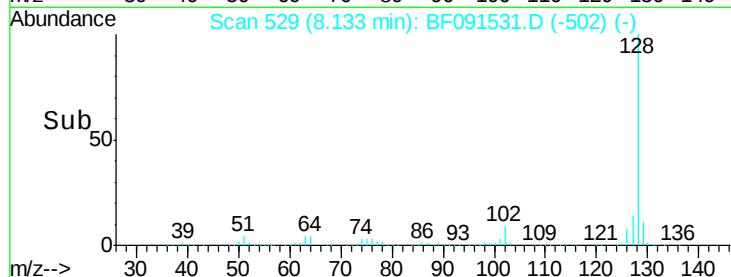
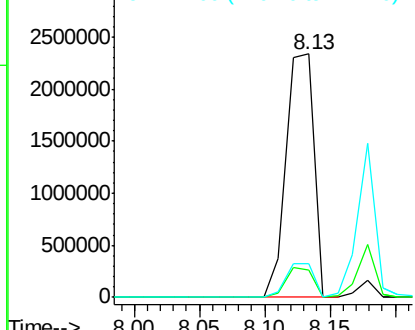
#31
Naphthalene
Concen: 69.24 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.01 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 3452747
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.8 11.0 16.4

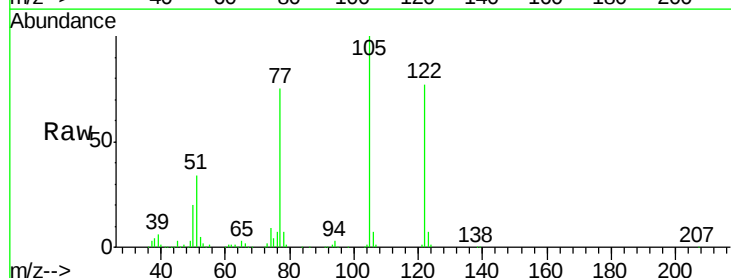


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

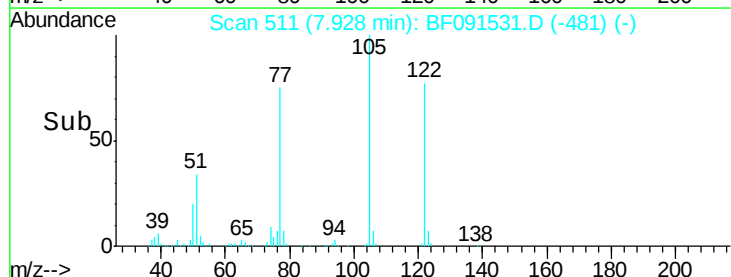
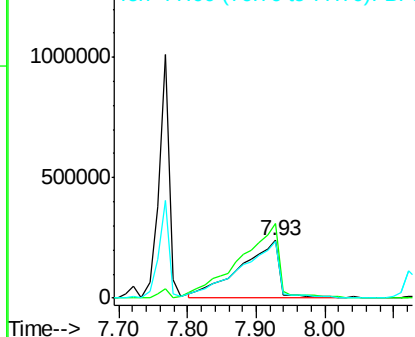


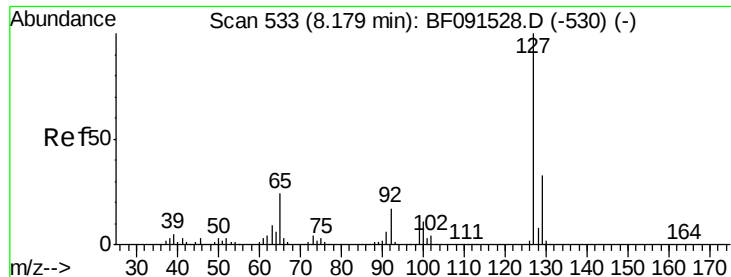
#32
Benzoic acid
Concen: 77.07 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.05 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Tgt Ion:122 Resp: 928401
Ion Ratio Lower Upper
122 100
105 130.0 113.0 153.0
77 97.7 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

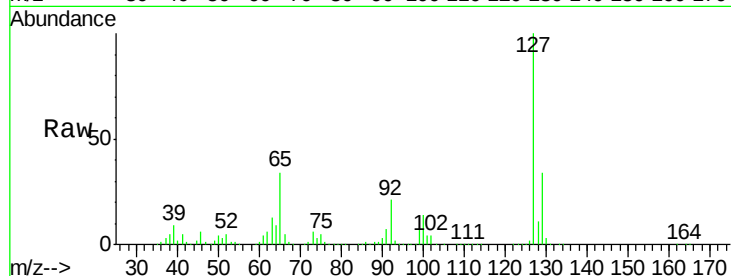




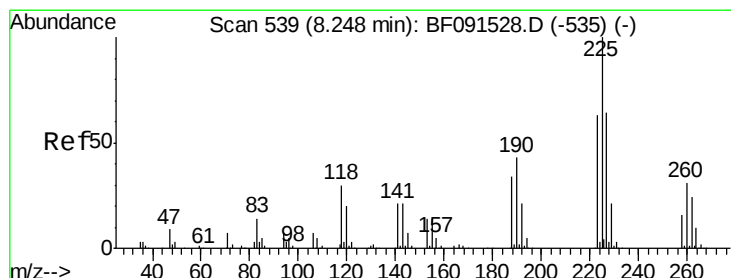
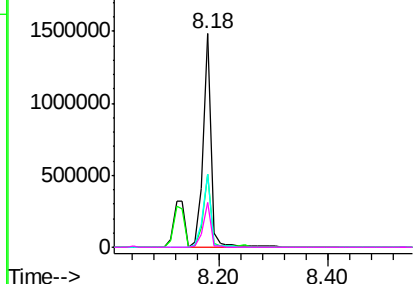
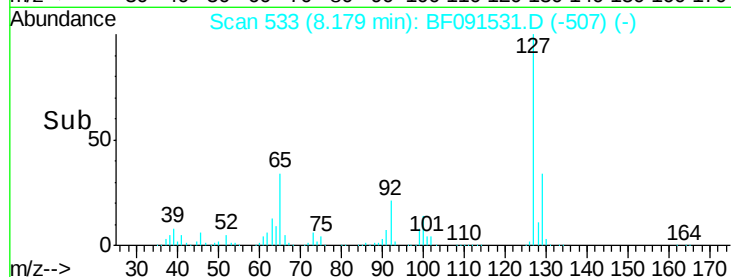
#33
4-Chloroaniline
Concen: 69.54 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1482344
Ion Ratio Lower Upper
127 100
129 33.9 26.2 39.4
65 34.3 26.6 39.8
92 20.9 15.4 23.0

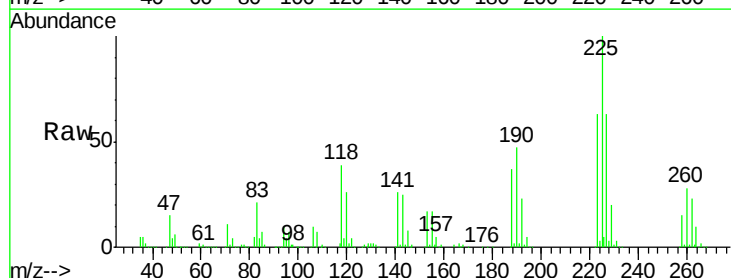


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

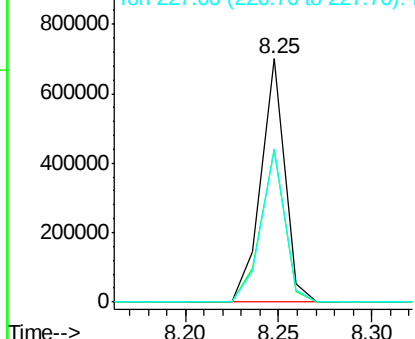
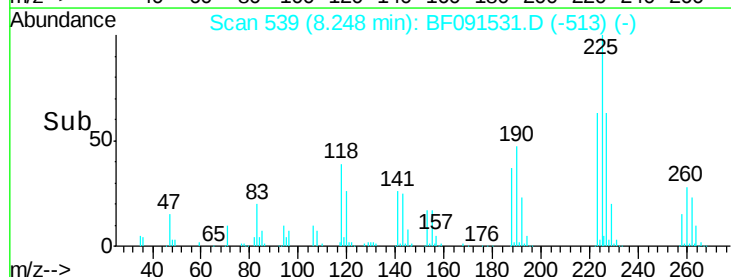


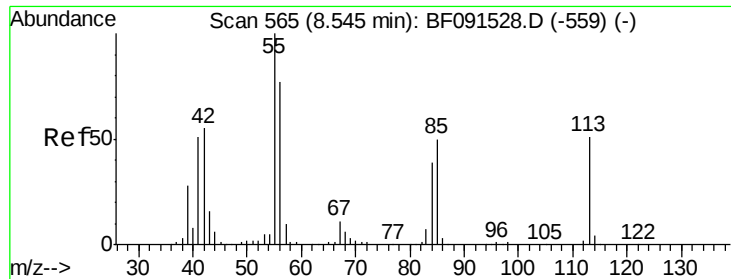
#34
Hexachlorobutadiene
Concen: 62.44 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Tgt Ion:225 Resp: 618791
Ion Ratio Lower Upper
225 100
223 62.6 49.8 74.6
227 62.9 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

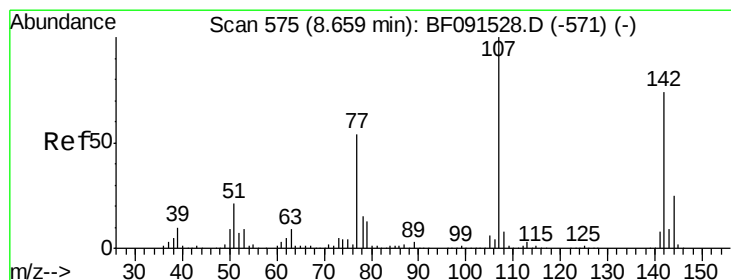
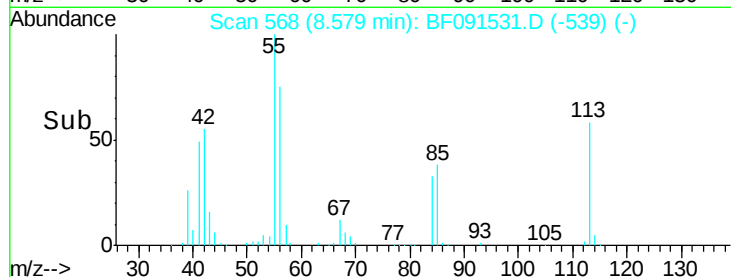
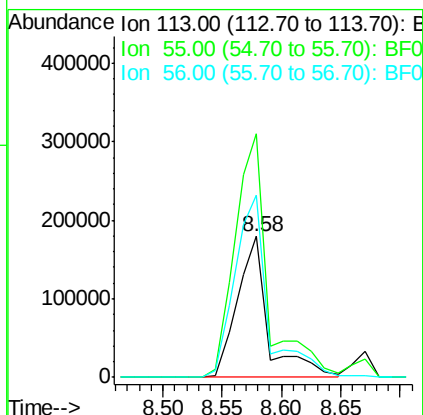
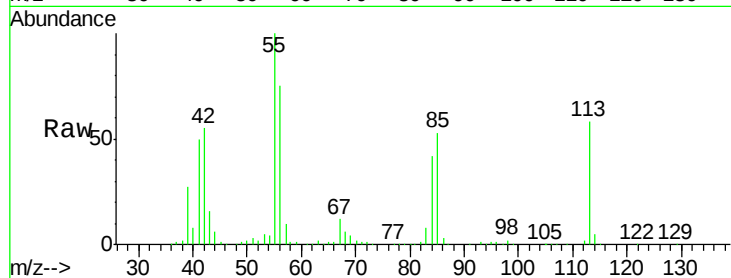




#35
 Caprolactam
 Concen: 78.92 ng
 RT: 8.58 min Scan# 568
 Delta R.T. 0.03 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

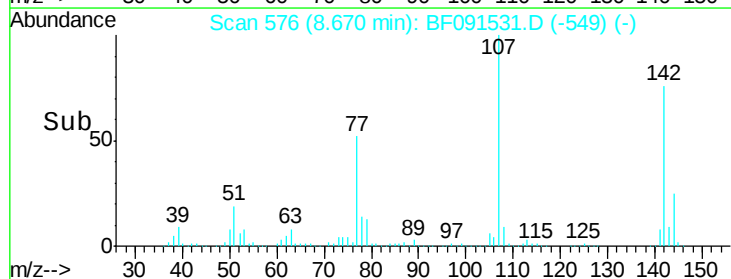
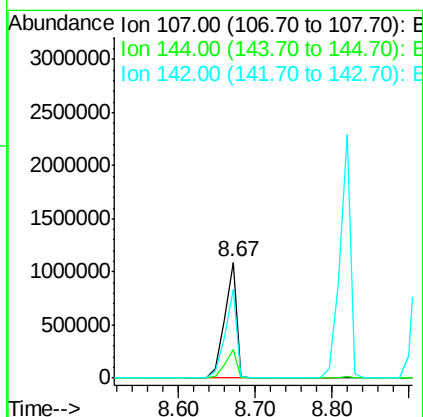
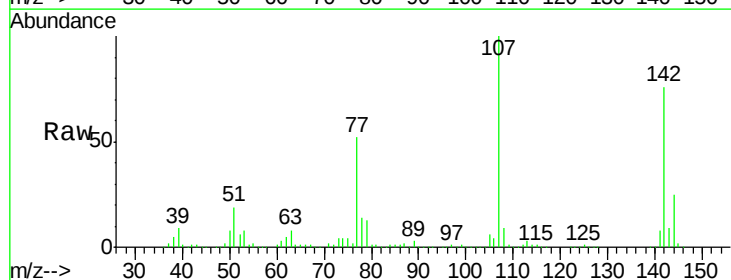
Instrument :
 BNA_F
 ClientSampled :

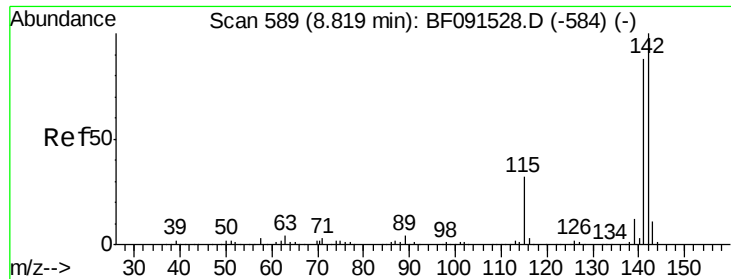
Tot Ion:113 Resp: 326059
 Ion Ratio Lower Upper
 113 100
 55 172.6 239.8 279.8#
 56 129.0 165.6 205.6#



#36
 4-Chloro-3-methylphenol
 Concen: 77.73 ng
 RT: 8.67 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Tgt Ion:107 Resp: 1206323
 Ion Ratio Lower Upper
 107 100
 144 25.0 18.9 28.3
 142 76.3 58.5 87.7

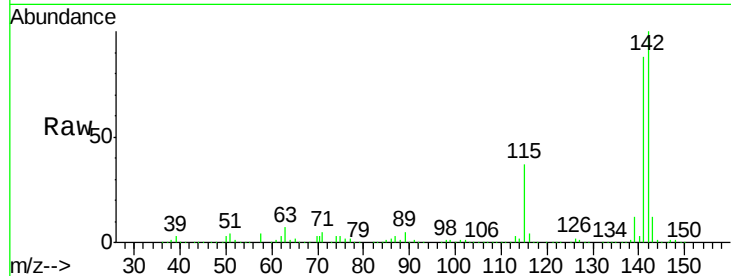




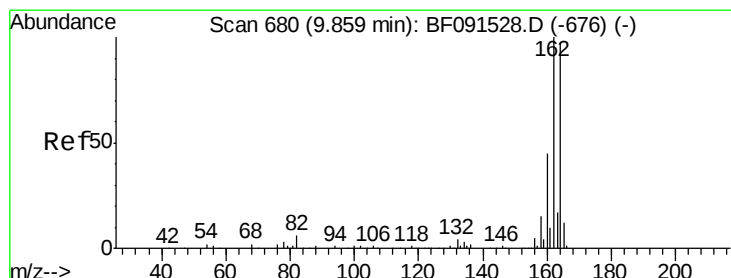
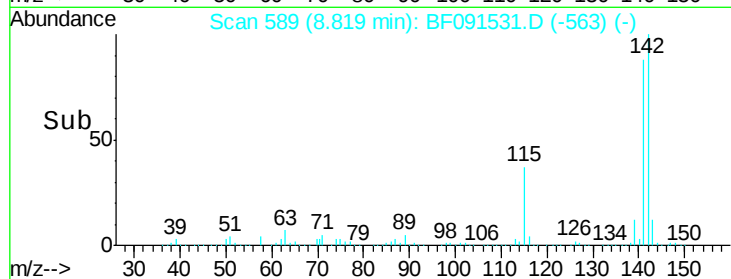
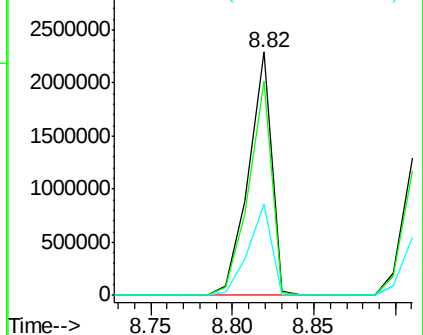
#37
2-Methylnaphthalene
Concen: 66.65 ng
RT: 8.82 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 2257822
Ion Ratio Lower Upper
142 100
141 88.2 71.7 107.5
115 37.5 25.0 37.6

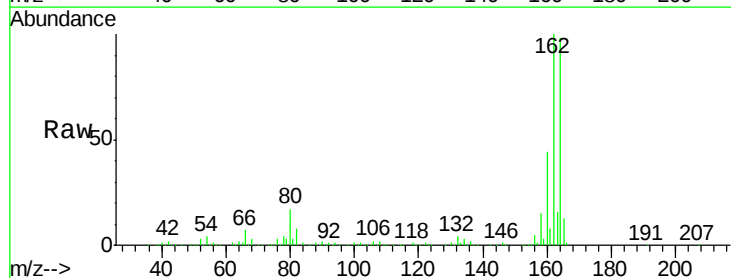


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

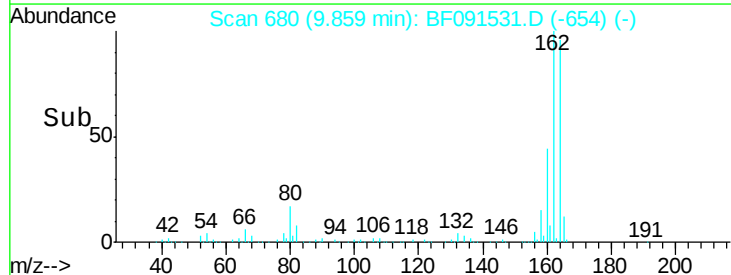
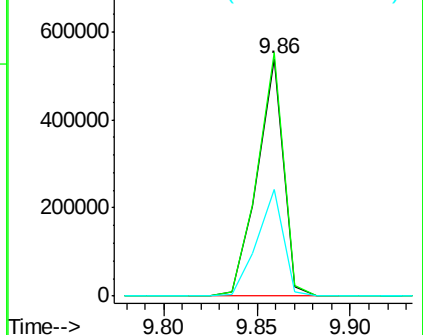


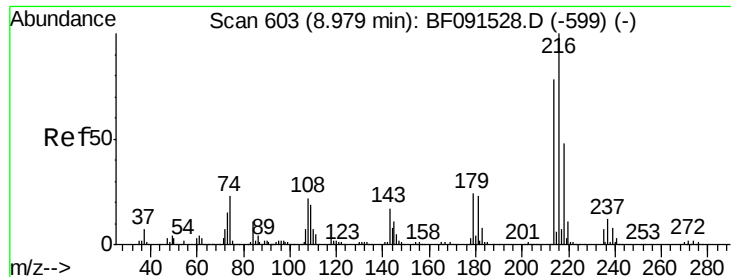
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Tgt Ion:164 Resp: 531496
Ion Ratio Lower Upper
164 100
162 102.5 82.6 124.0
160 44.7 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

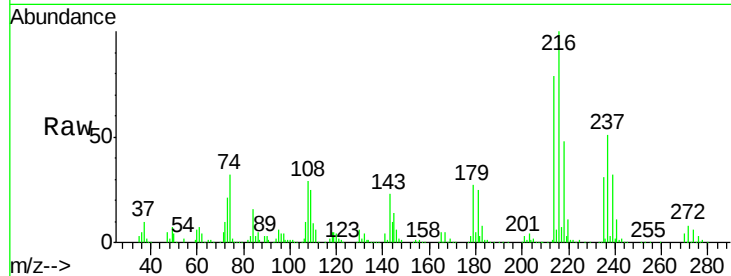




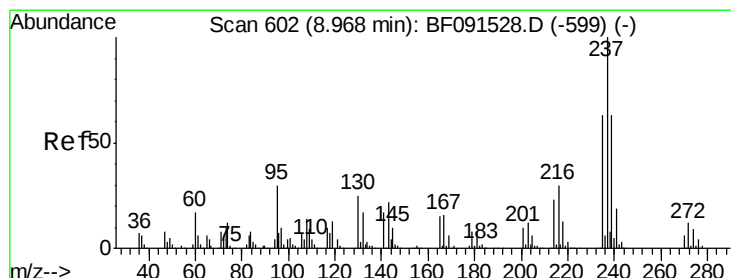
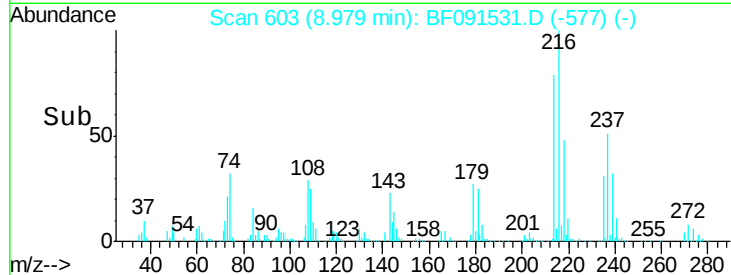
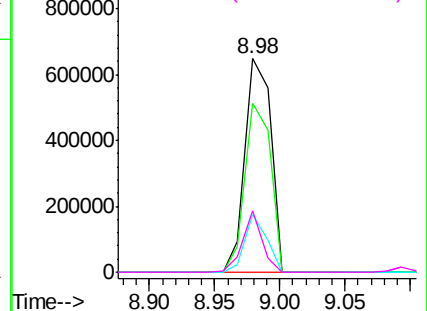
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 59.72 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	894774
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.8
179	22.5	18.2	27.2
108	21.6	17.2	25.8

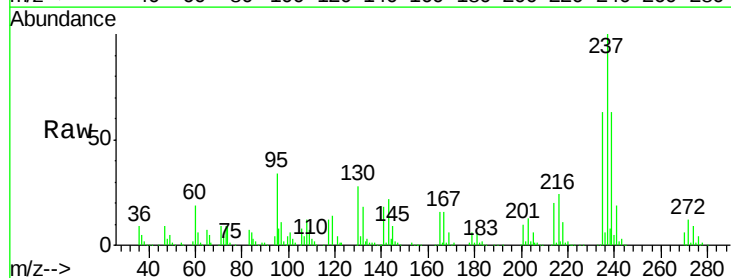


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

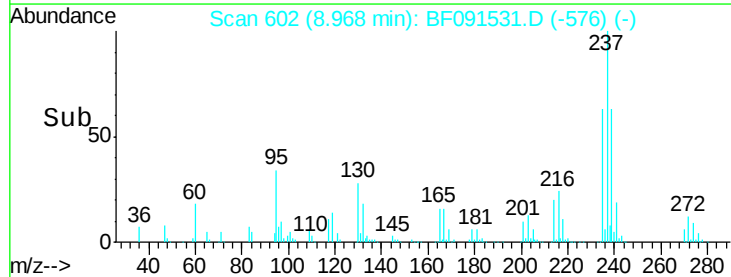
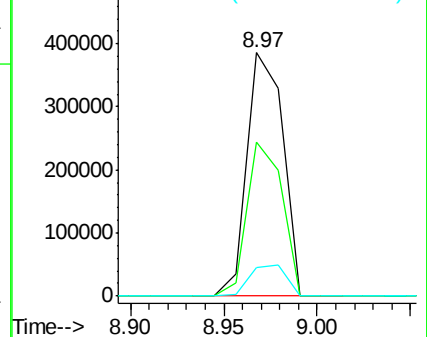


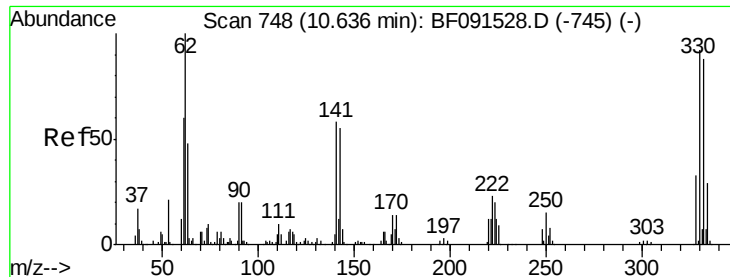
#40
 Hexachlorocyclopentadiene
 Concen: 74.06 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Tgt Ion:	237	Resp:	514356
Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.9	83.9
272	12.0	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

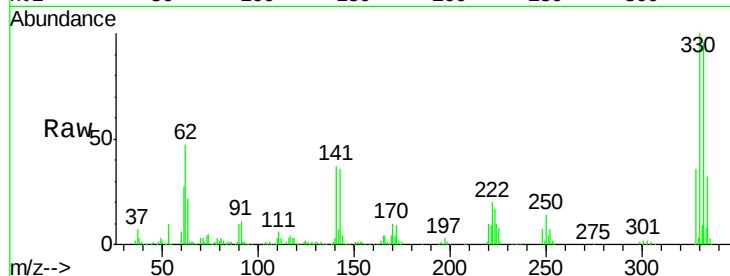




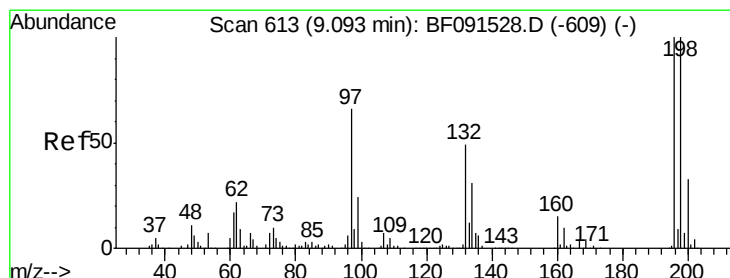
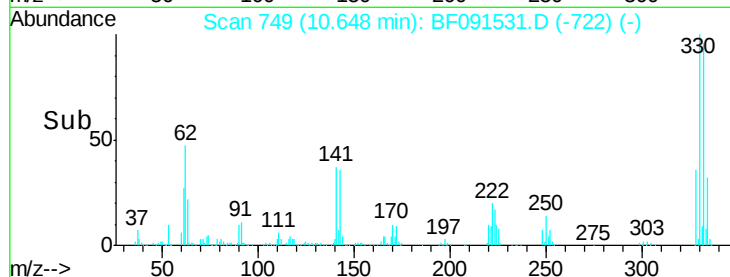
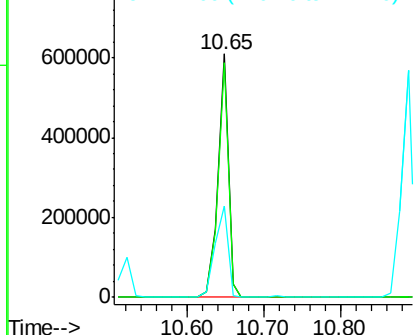
#41
 2,4,6-Tribromophenol
 Concen: 113.94 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 573339
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 45.8 33.6 50.4

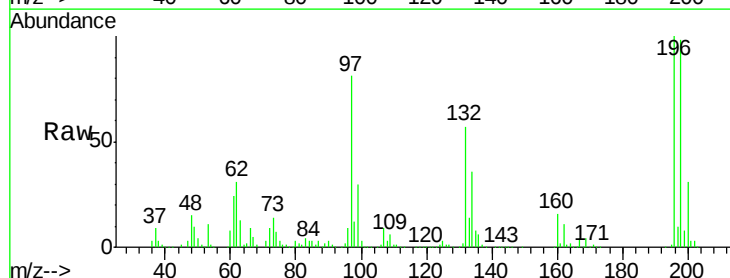


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

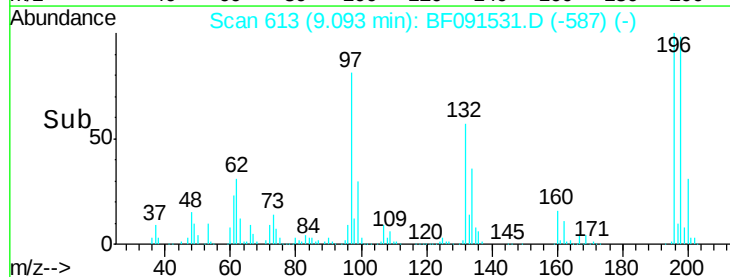
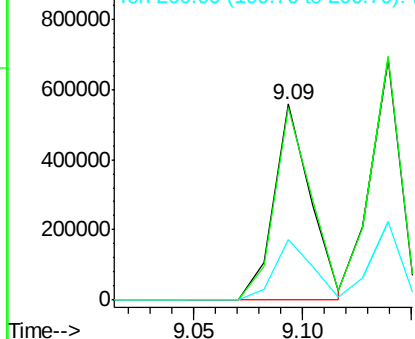


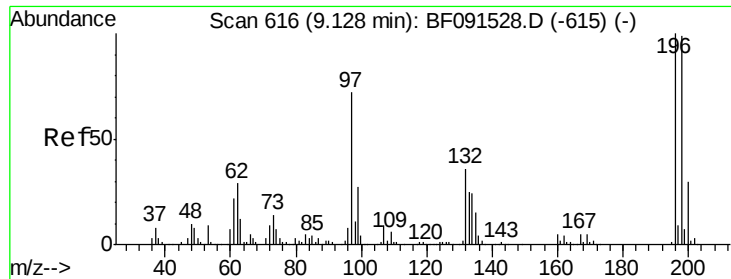
#42
 2,4,6-Trichlorophenol
 Concen: 67.80 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Tgt Ion:196 Resp: 660184
 Ion Ratio Lower Upper
 196 100
 198 98.2 77.4 116.0
 200 31.2 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

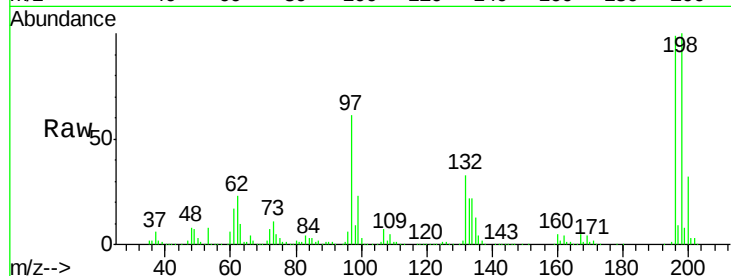




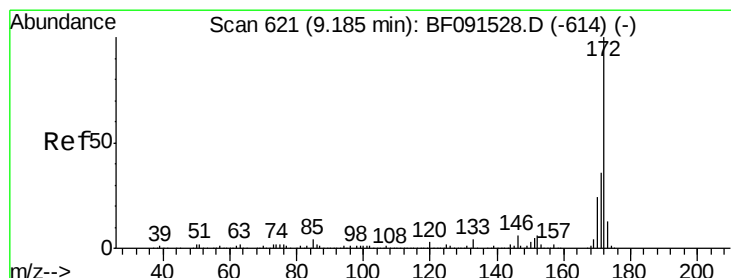
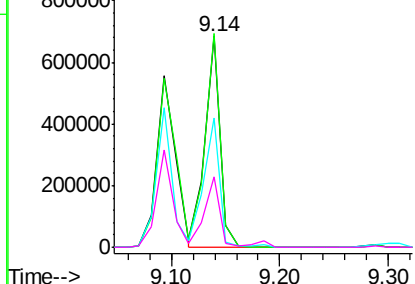
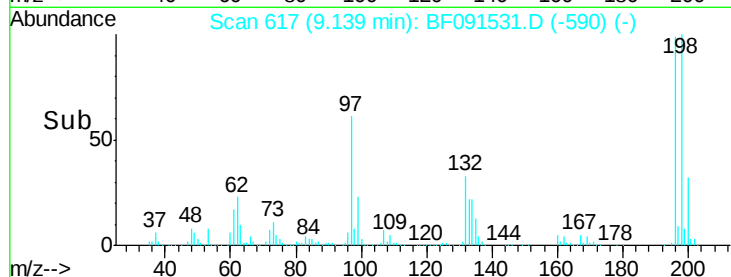
#43
 2,4,5-Trichlorophenol
 Concen: 68.38 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 667316
 Ion Ratio Lower Upper
 196 100
 198 101.1 77.0 115.6
 97 61.2 33.5 50.3#
 132 33.2 20.5 30.7#

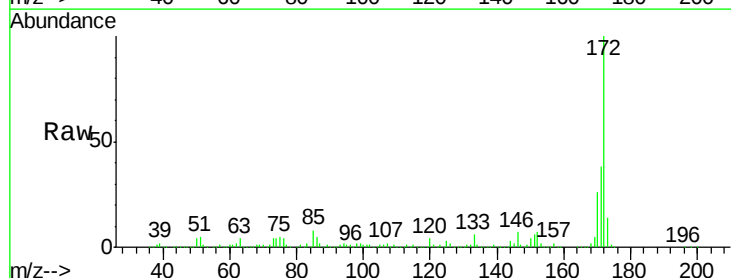


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

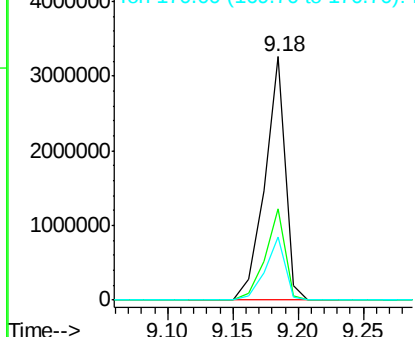
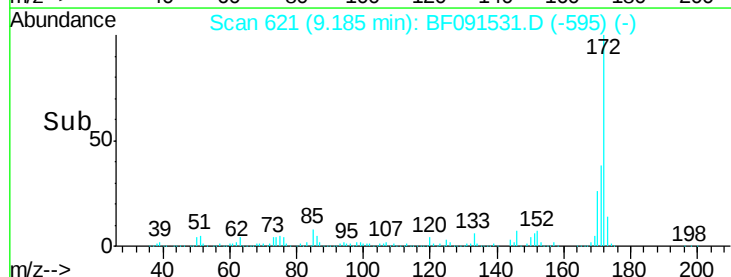


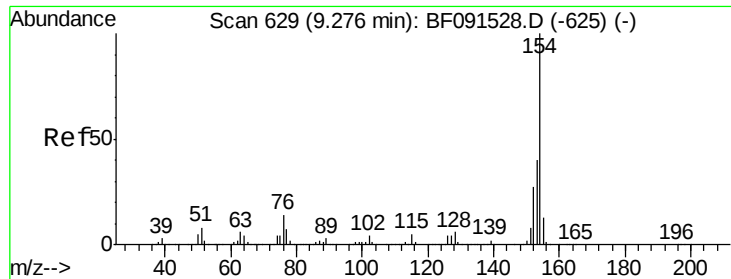
#44
 2-Fluorobiphenyl
 Concen: 121.62 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Tgt Ion:172 Resp: 3570096
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.4 44.0
 170 26.0 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

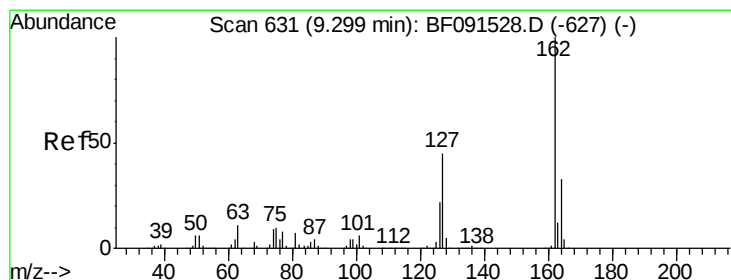
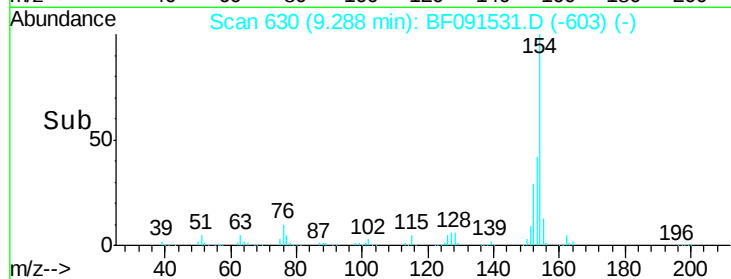
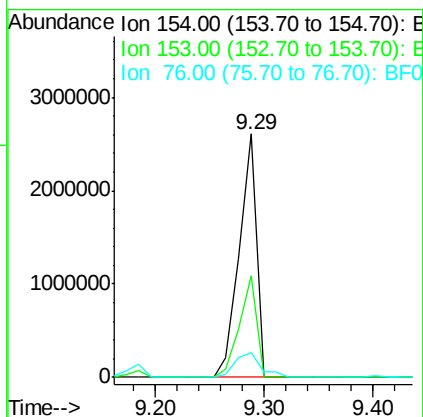
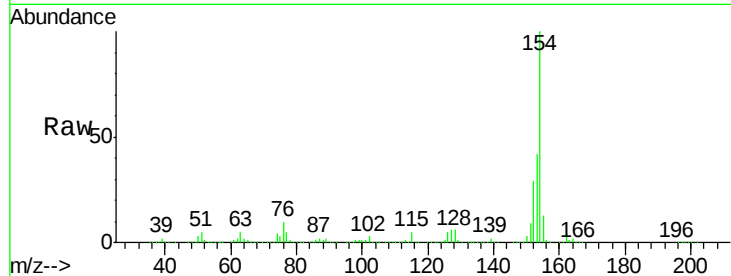




#45
 1,1'-Biphenyl
 Concen: 73.39 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.01 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

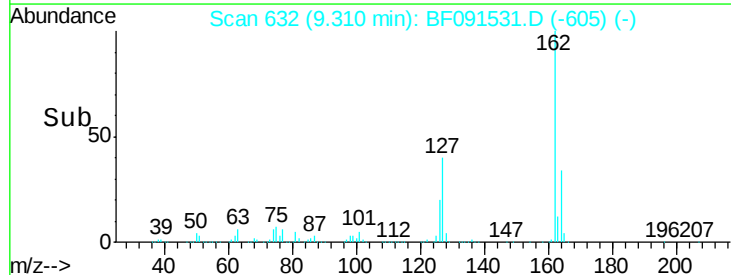
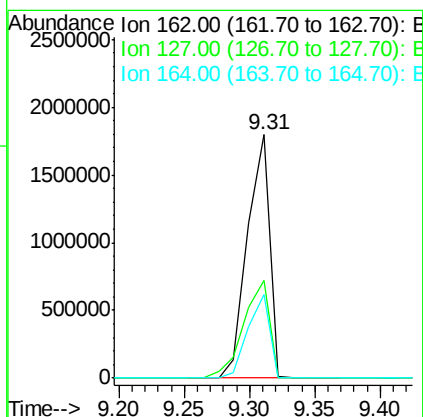
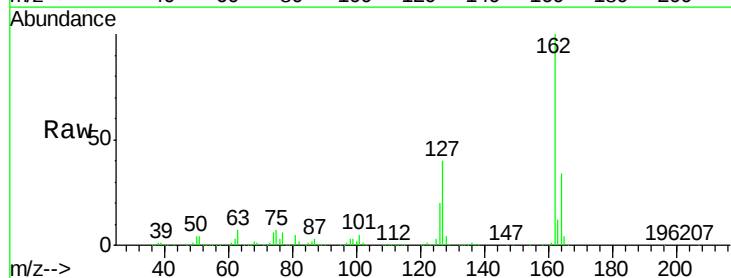
Instrument :
 BNA_F
 ClientSampleId :

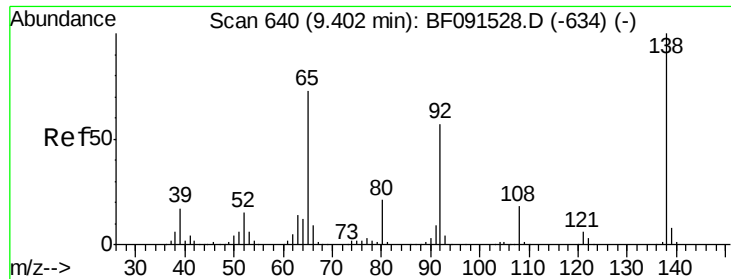
Tot Ion:154 Resp: 2804753
 Ion Ratio Lower Upper
 154 100
 153 41.7 20.6 60.6
 76 10.1 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 74.73 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Tgt Ion:162 Resp: 2126867
 Ion Ratio Lower Upper
 162 100
 127 40.4 34.3 51.5
 164 34.4 26.6 40.0

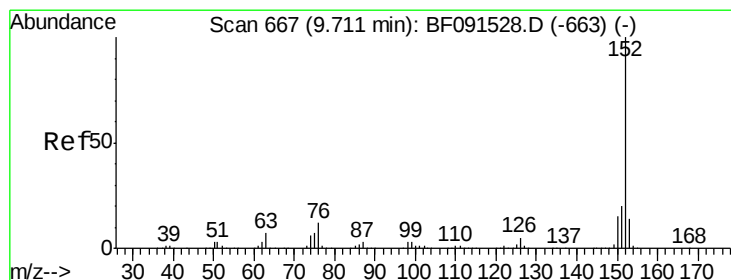
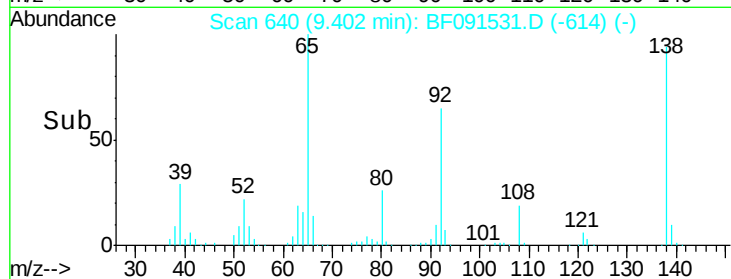
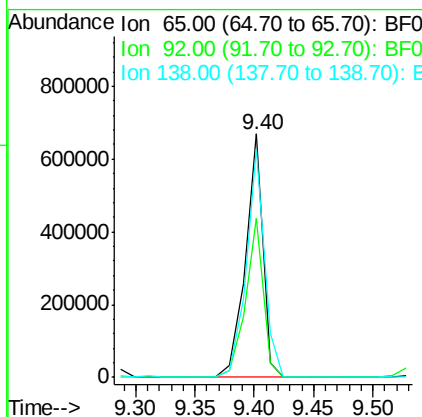
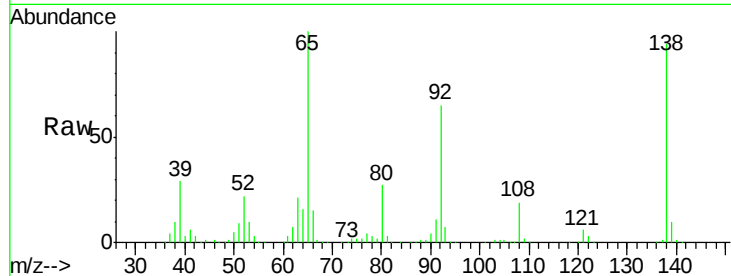




#47
 2-Nitroaniline
 Concen: 67.32 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

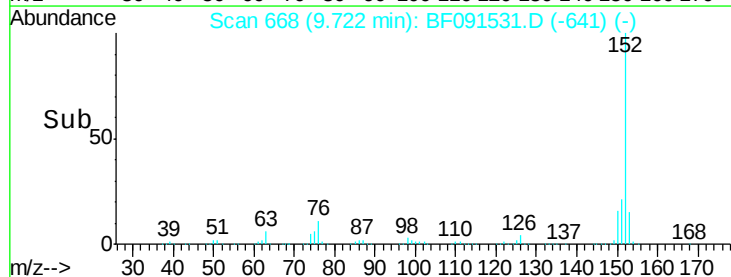
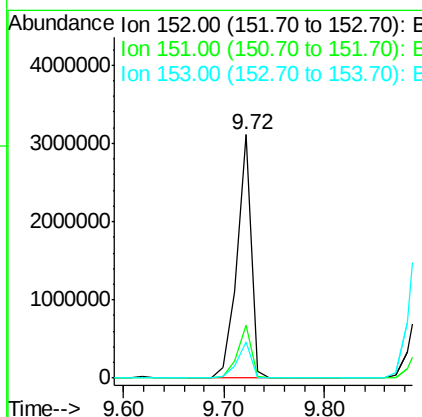
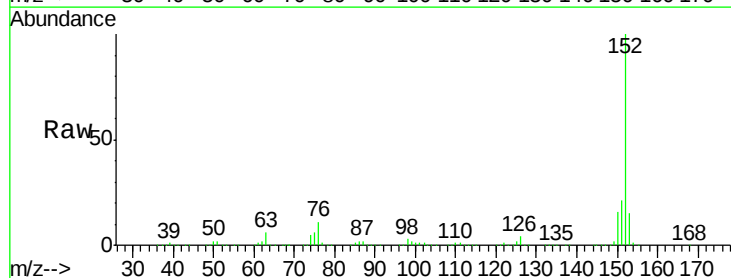
Instrument :
 BNA_F
 ClientSampleId :

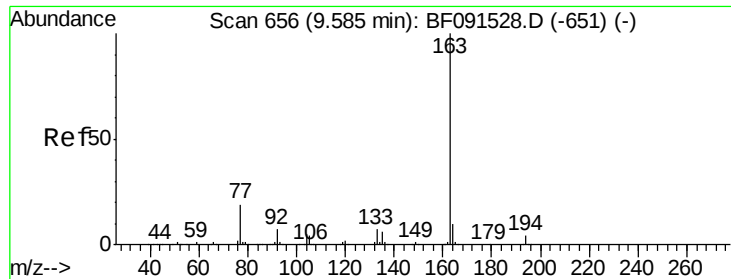
Tot Ion: 65 Resp: 688213
 Ion Ratio Lower Upper
 65 100
 92 65.1 53.6 80.4
 138 94.0 91.0 136.6



#48
 Acenaphthylene
 Concen: 67.83 ng
 RT: 9.72 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Tgt Ion: 152 Resp: 3039101
 Ion Ratio Lower Upper
 152 100
 151 21.5 16.6 24.8
 153 14.9 10.7 16.1

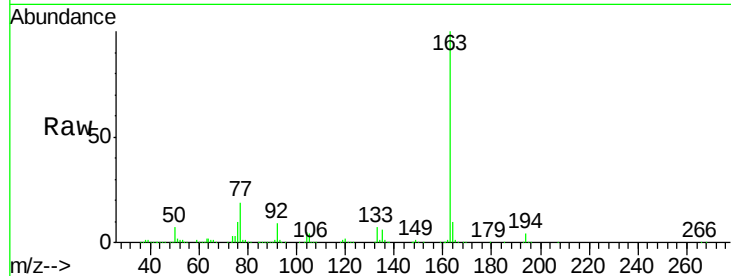




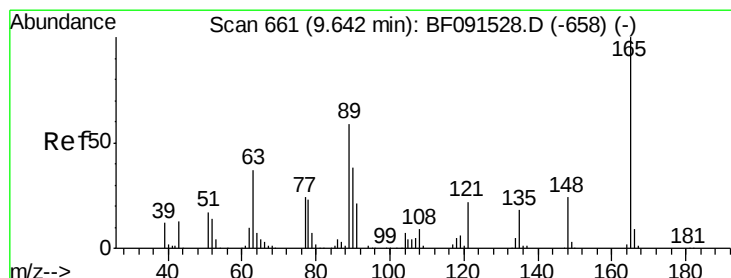
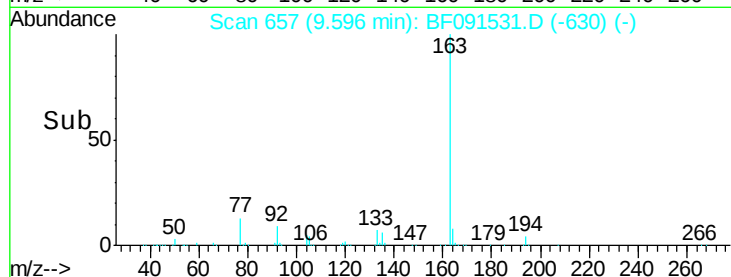
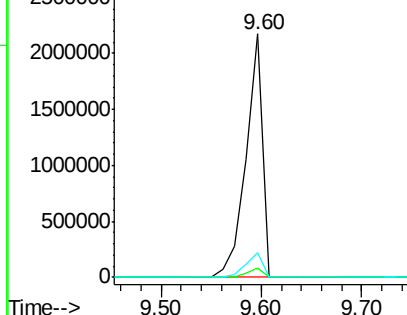
#49
Dimethylphthalate
Concen: 76.77 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.01 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 2470569
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.4 7.8 11.8

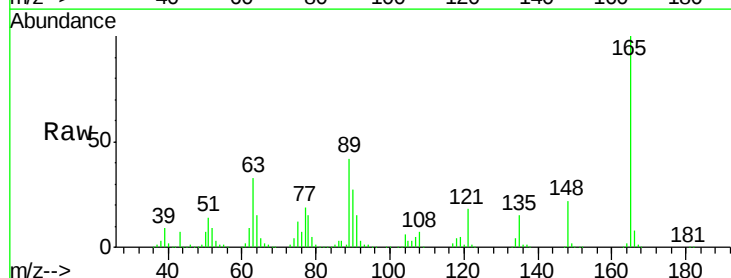


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

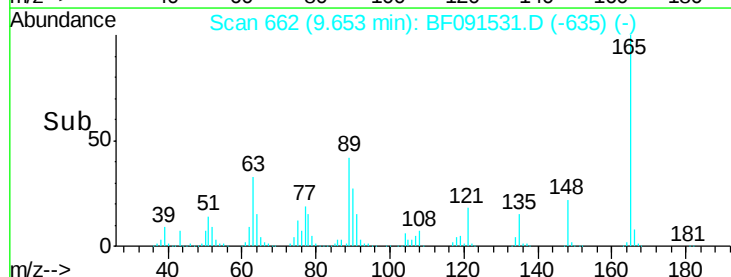
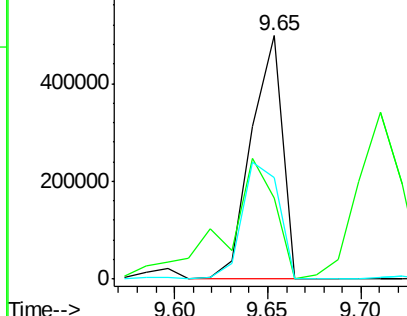


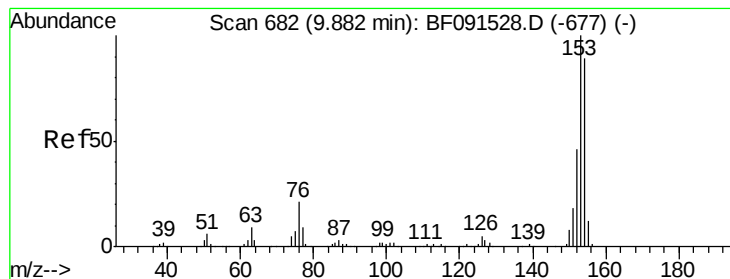
#50
2,6-Dinitrotoluene
Concen: 81.03 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.01 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Tgt Ion:165 Resp: 582885
Ion Ratio Lower Upper
165 100
63 33.0 59.4 89.0#
89 41.9 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: 68.77 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampled :

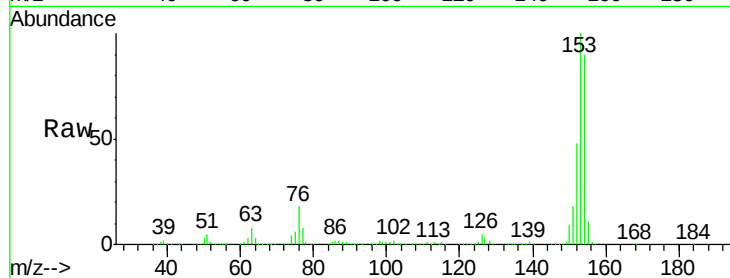
Tot Ion:154 Resp: 2078289

Ion Ratio Lower Upper

154 100

153 111.3 91.0 136.6

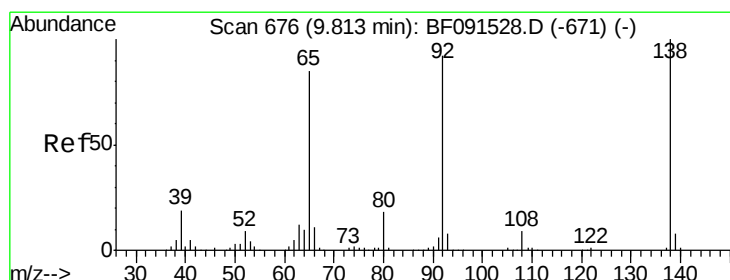
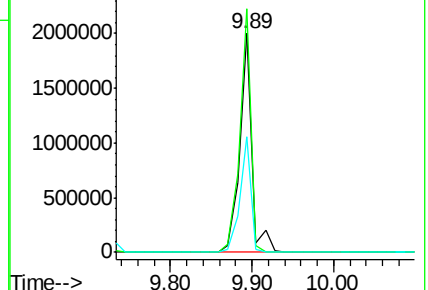
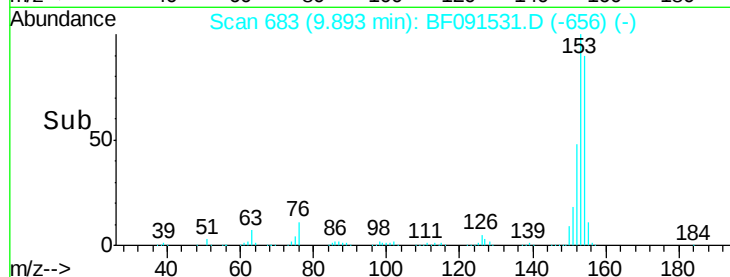
152 53.0 44.2 66.2



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: 72.63 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

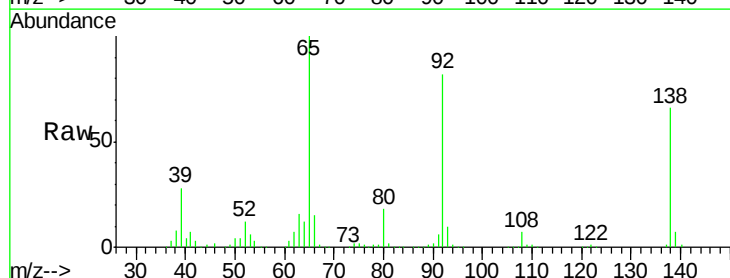
Tgt Ion:138 Resp: 604710

Ion Ratio Lower Upper

138 100

108 11.0 8.1 12.1

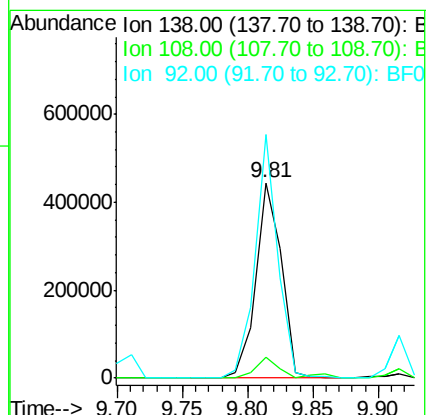
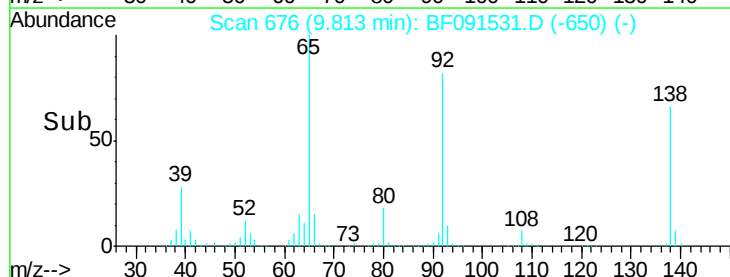
92 124.8 92.5 138.7

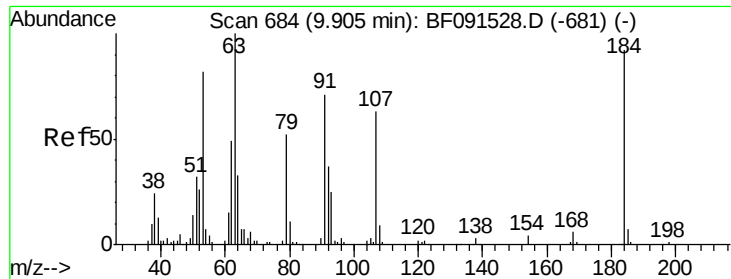


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

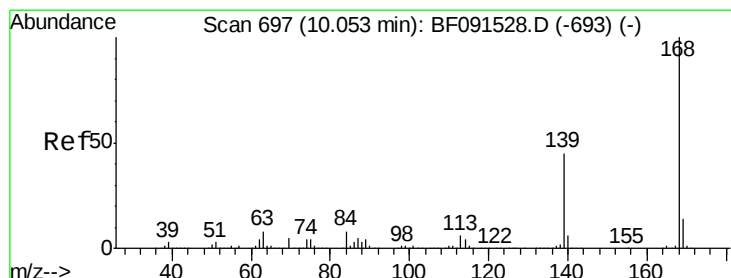
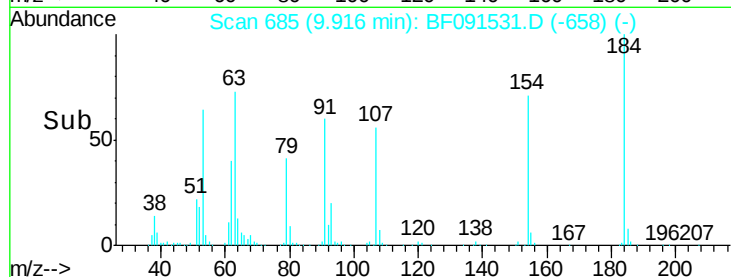
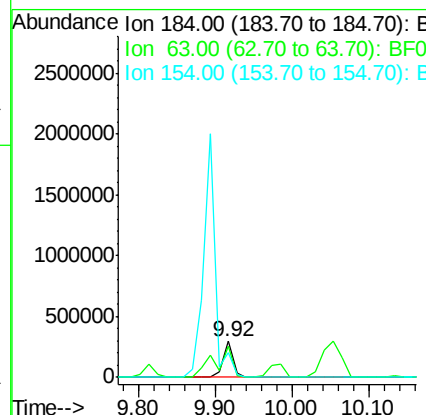
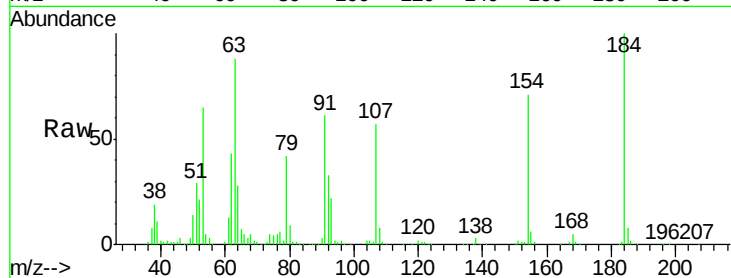




#53
 2,4-Dinitrophenol
 Concen: 85.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

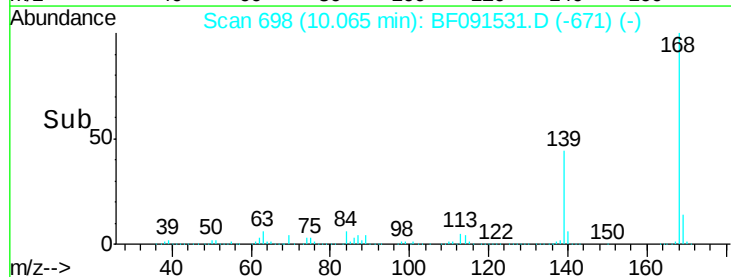
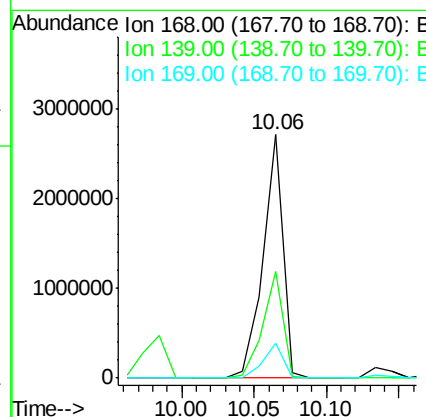
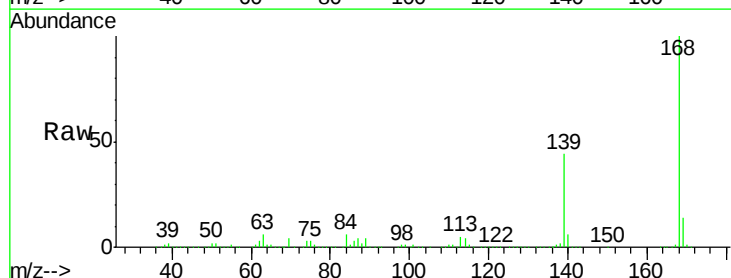
Instrument :
 BNA_F
 ClientSampleId :

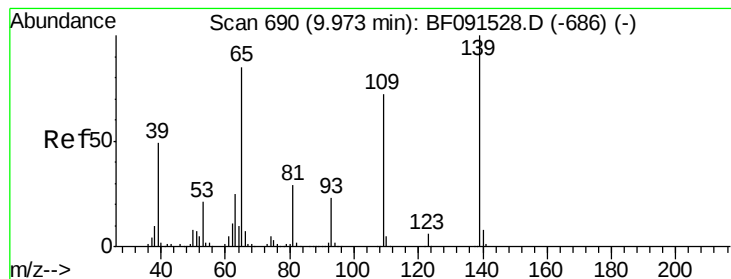
Tot Ion:184 Resp: 267377
 Ion Ratio Lower Upper
 184 100
 63 87.6 58.3 87.5#
 154 70.8 48.6 73.0



#54
 Dibenzofuran
 Concen: 63.90 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.01 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Tgt Ion:168 Resp: 2585479
 Ion Ratio Lower Upper
 168 100
 139 43.7 33.4 50.2
 169 14.4 11.1 16.7





#55

4-Nitrophenol

Concen: 91.33 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

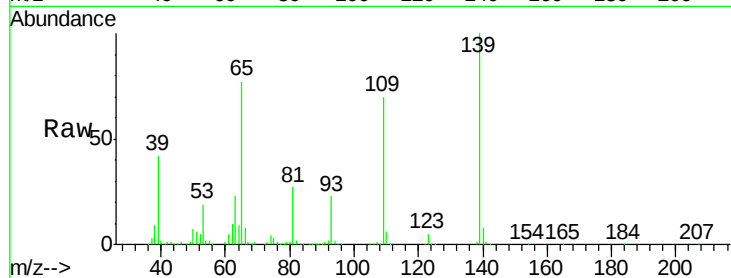
Tot Ion:139 Resp: 549186

Ion Ratio Lower Upper

139 100

109 69.9 54.9 94.9

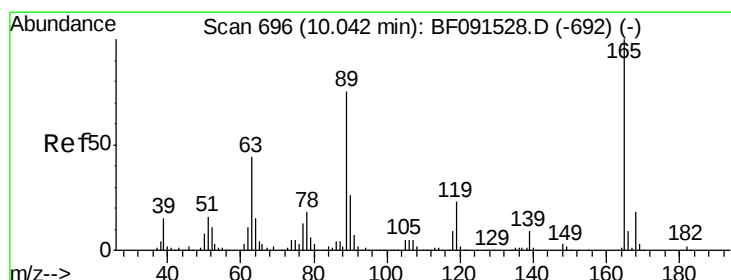
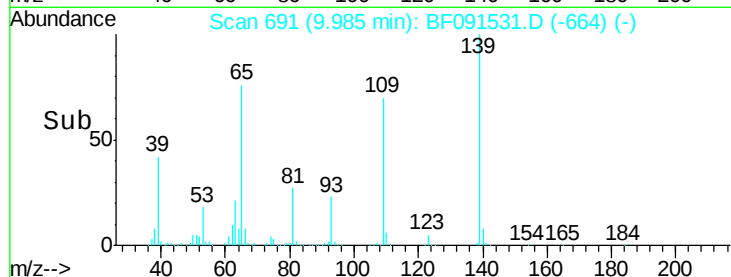
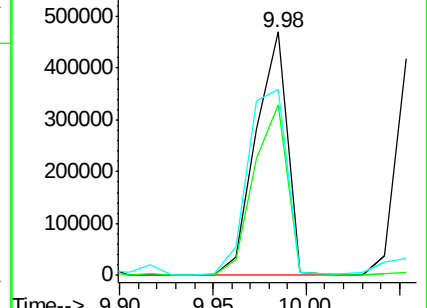
65 76.5 102.2 142.2#



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: 78.39 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Tgt Ion:165 Resp: 731468

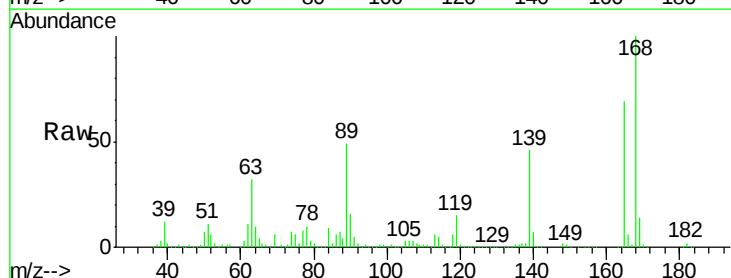
Ion Ratio Lower Upper

165 100

63 47.2 29.0 43.4#

89 71.4 43.1 64.7#

182 2.2 1.9 2.9

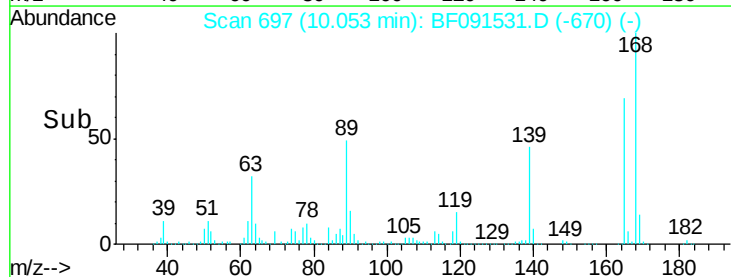
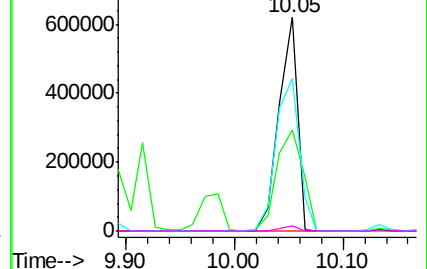


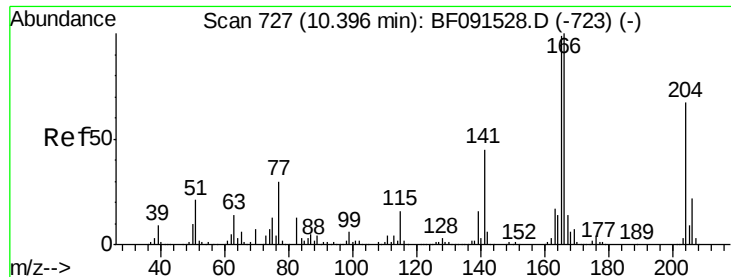
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

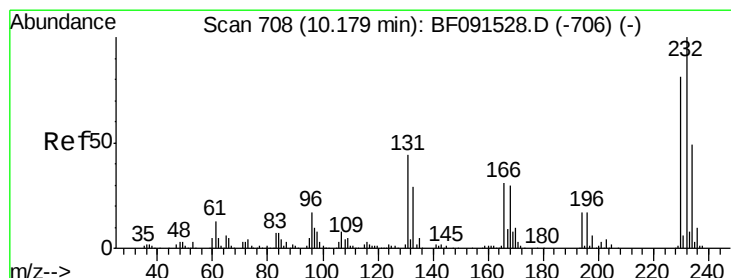
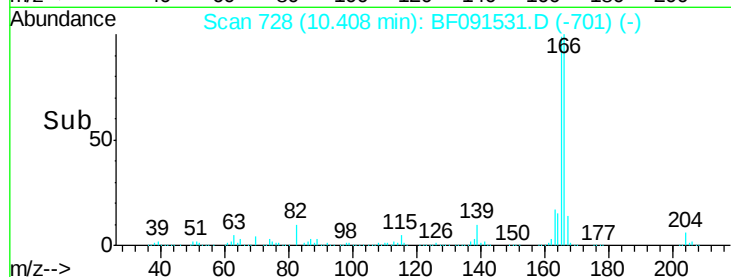
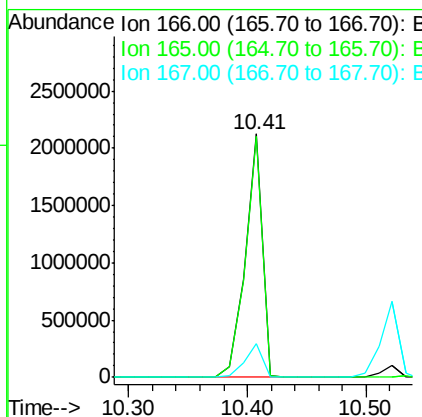
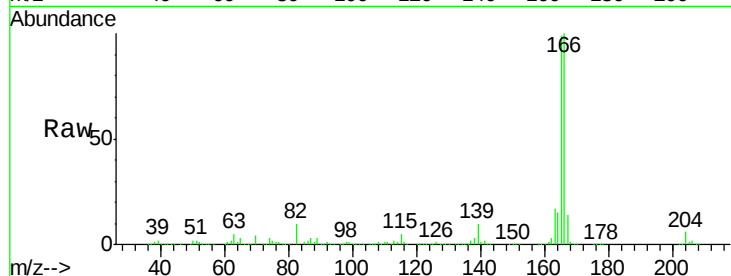




#57
Fluorene
 Concen: 68.40 ng
 RT: 10.41 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

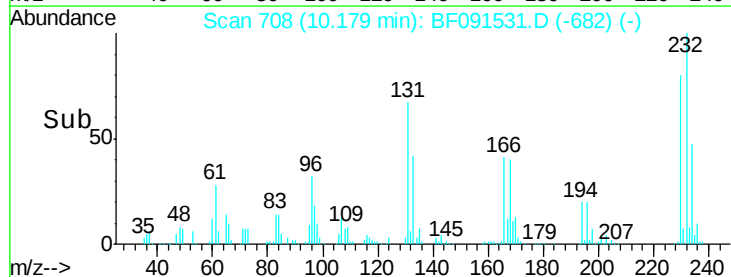
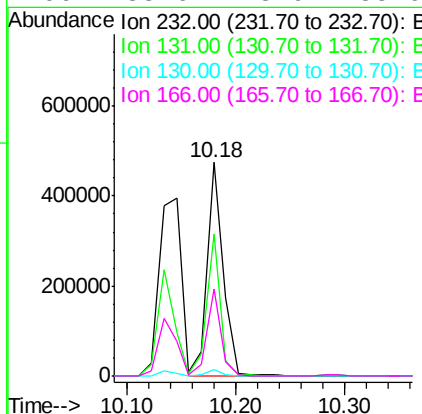
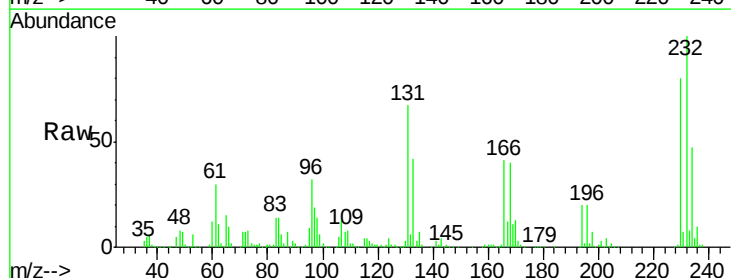
Instrument :
 BNA_F
 ClientSampleId :

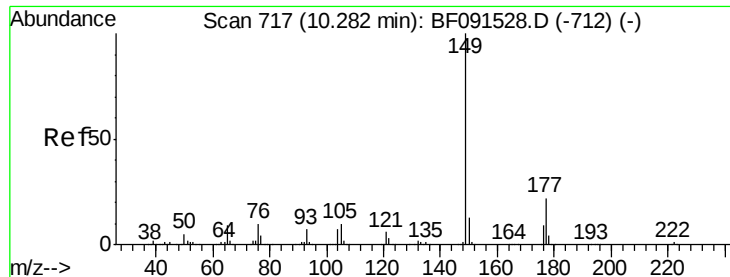
Tot Ion:166 Resp: 2124853
 Ion Ratio Lower Upper
 166 100
 165 98.9 80.0 120.0
 167 13.7 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 58.76 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Tgt Ion:232 Resp: 489632
 Ion Ratio Lower Upper
 232 100
 131 56.2 38.4 57.6
 130 2.7 1.8 2.8
 166 35.6 23.9 35.9

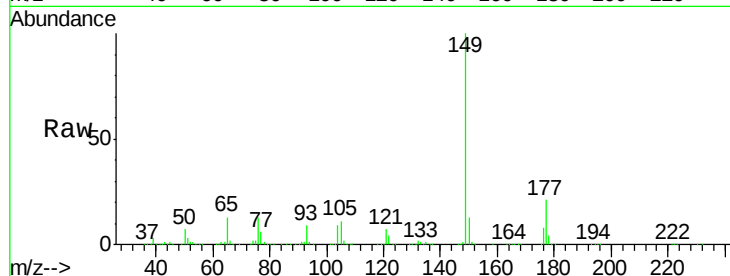




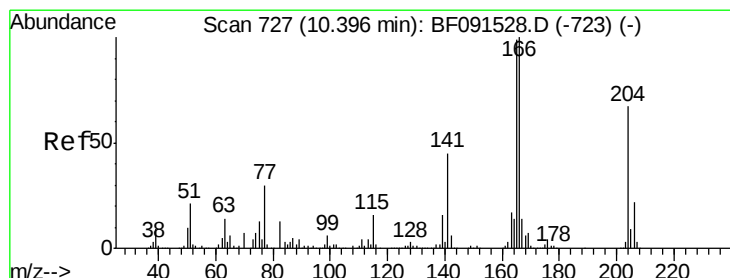
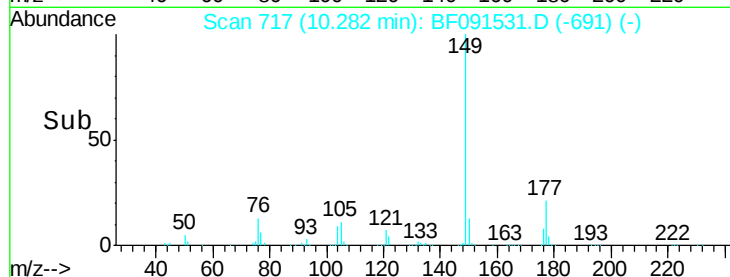
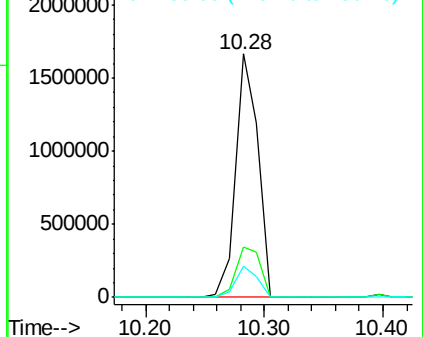
#59
Diethylphthalate
Concen: 67.97 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2159274
Ion Ratio Lower Upper
149 100
177 20.8 15.7 23.5
150 13.0 10.2 15.2

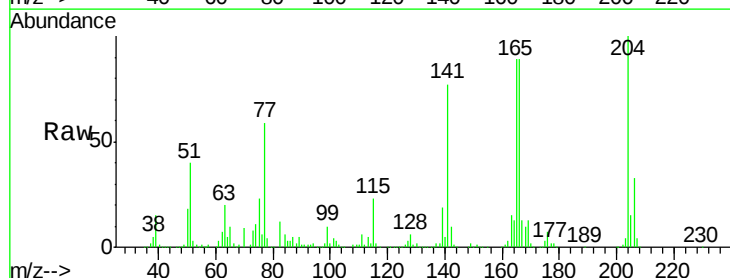


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

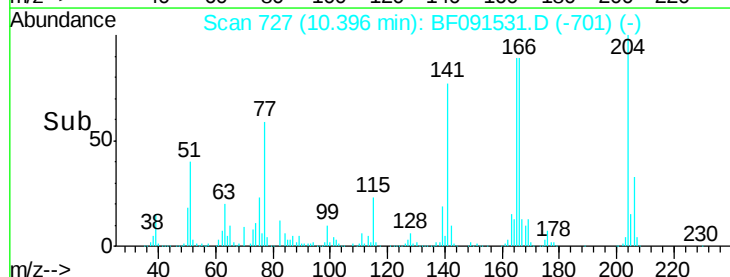
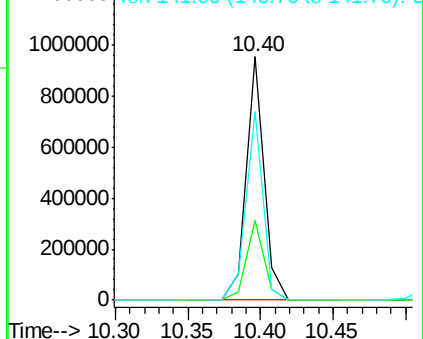


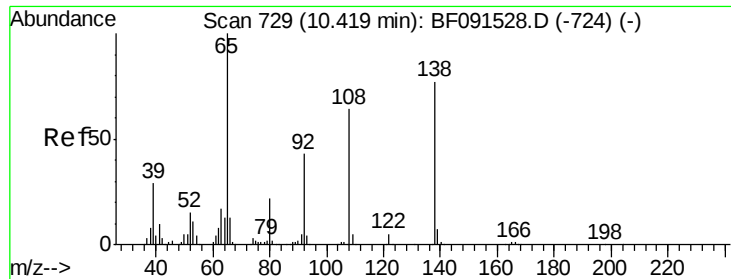
#60
4-Chlorophenyl-phenylether
Concen: 52.28 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Tgt Ion:204 Resp: 814528
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 77.4 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

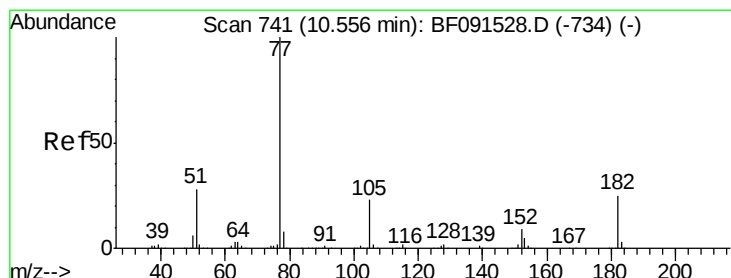
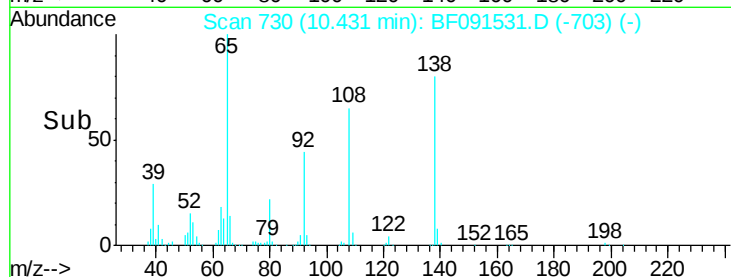
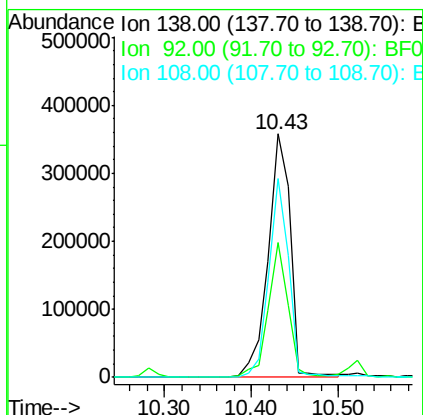
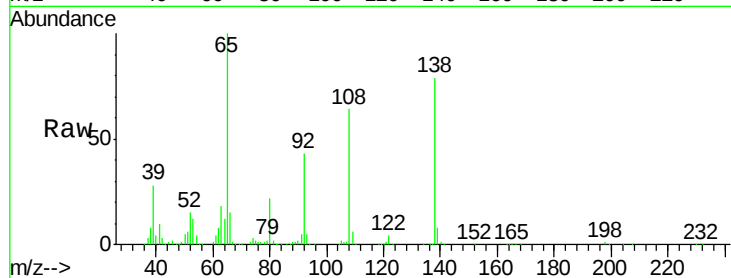




#61
4-Nitroaniline
Concen: 80.17 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

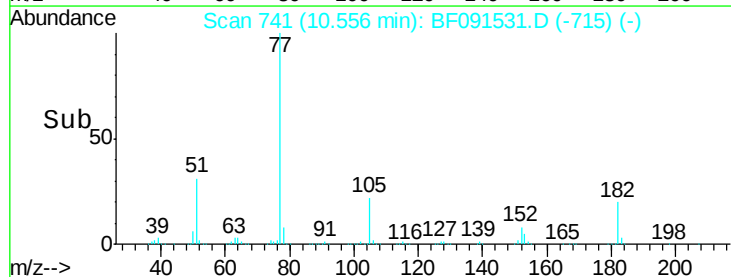
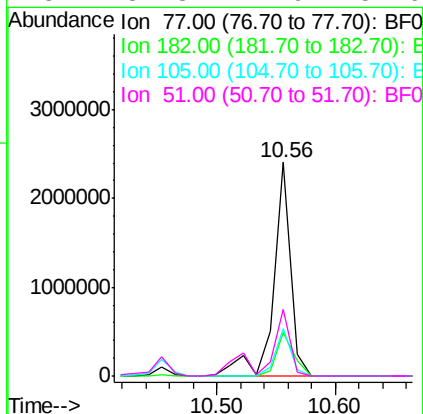
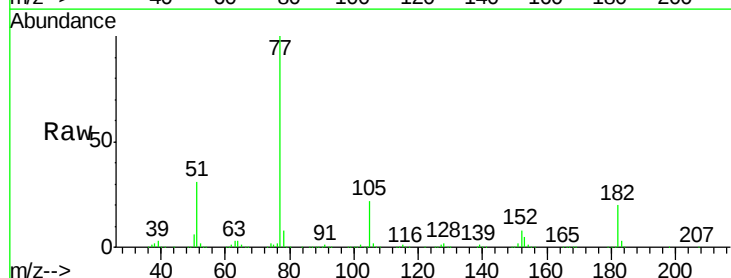
Instrument :
BNA_F
ClientSampled :

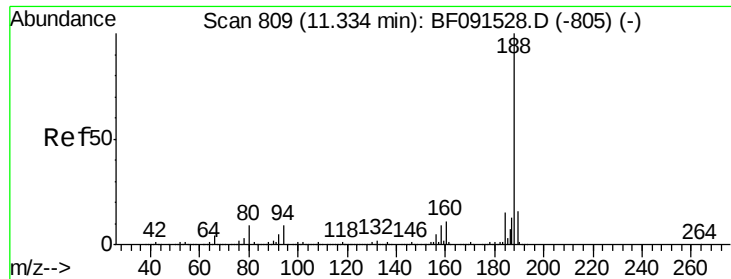
Tot Ion:138 Resp: 626759
Ion Ratio Lower Upper
138 100
92 55.3 26.9 66.9
108 81.7 49.1 89.1



#62
Azobenzene
Concen: 74.67 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Tgt Ion: 77 Resp: 2420534
Ion Ratio Lower Upper
77 100
182 20.2 12.5 52.5
105 22.5 3.7 43.7
51 31.3 11.9 51.9

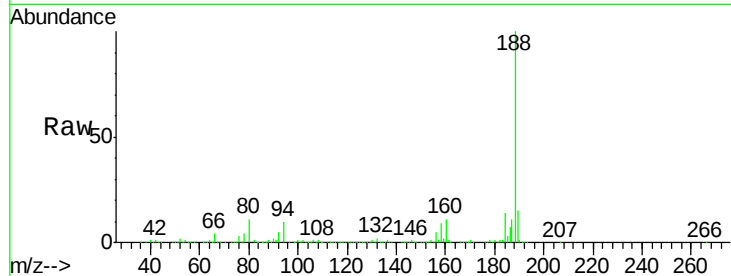




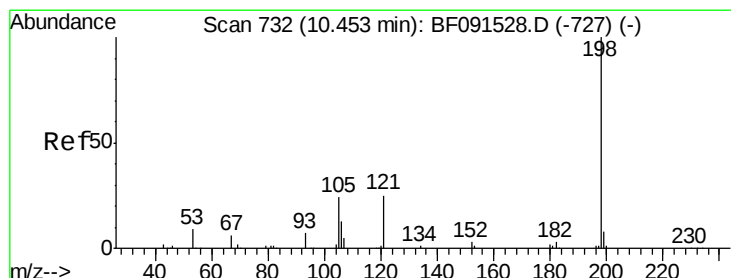
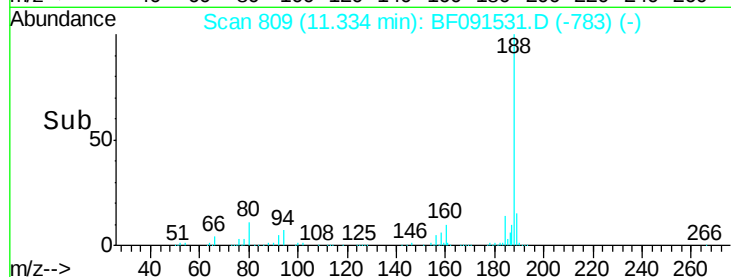
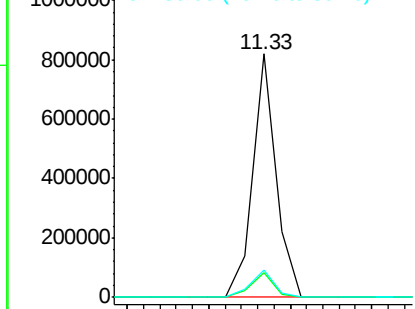
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 814841
Ion Ratio Lower Upper
188 100
94 10.1 9.2 13.8
80 11.1 10.5 15.7

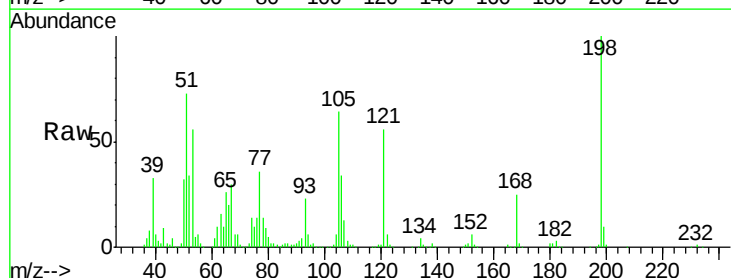


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

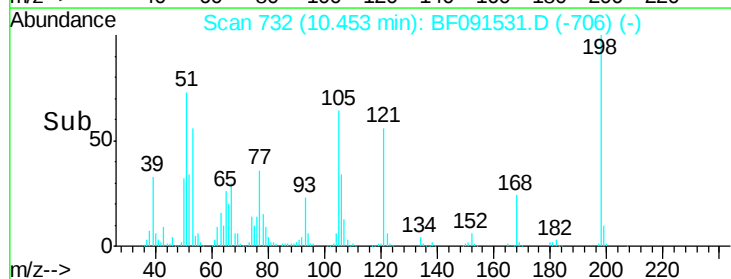
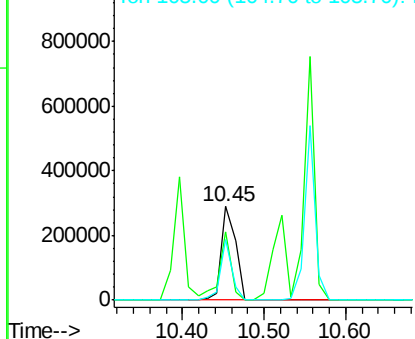


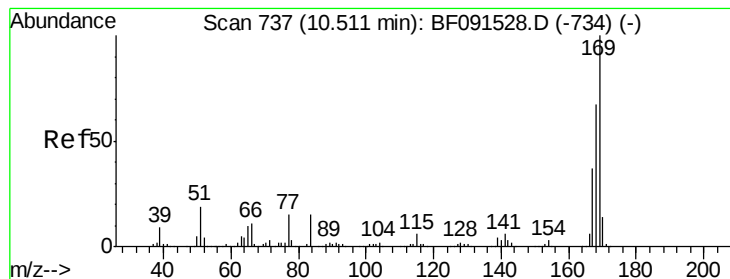
#64
4,6-Dinitro-2-methylphenol
Concen: 77.99 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Tgt Ion:198 Resp: 350111
Ion Ratio Lower Upper
198 100
51 72.7 77.1 117.1#
105 64.0 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: 72.55 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

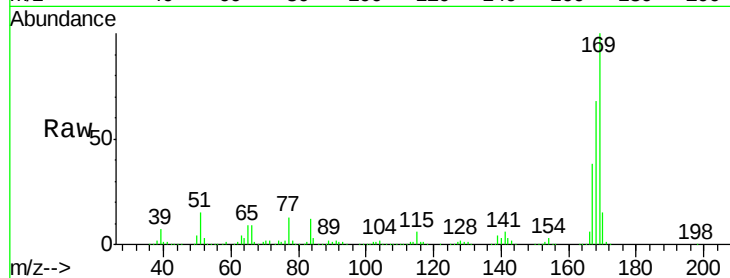
Tot Ion:169 Resp: 1792475

Ion Ratio Lower Upper

169 100

168 68.1 53.8 80.8

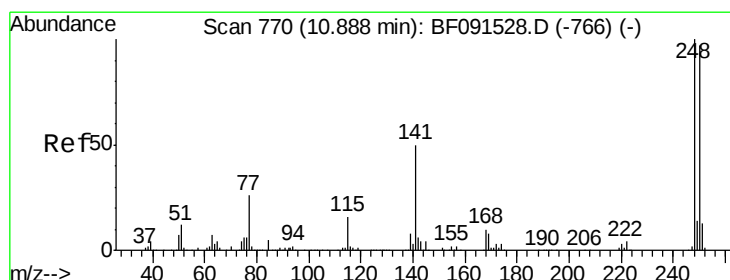
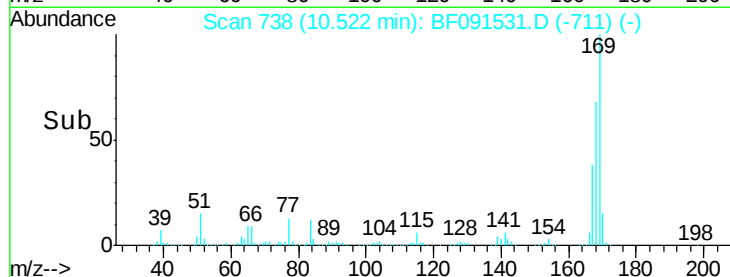
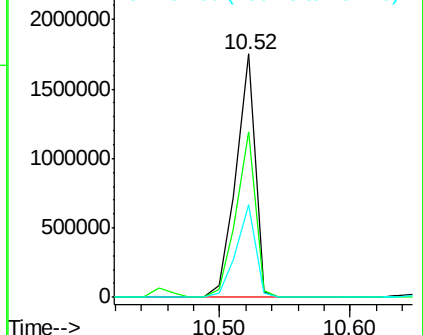
167 38.0 29.8 44.8



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: 69.51 ng

RT: 10.89 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

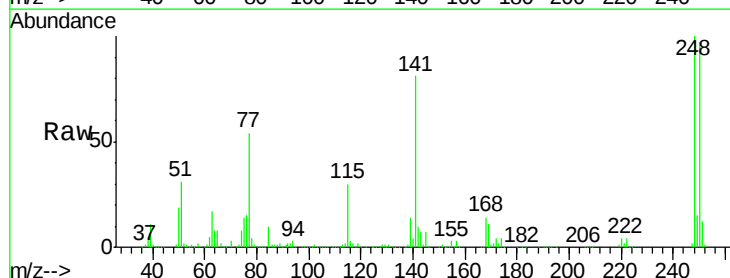
Tgt Ion:248 Resp: 608743

Ion Ratio Lower Upper

248 100

250 97.0 78.2 117.4

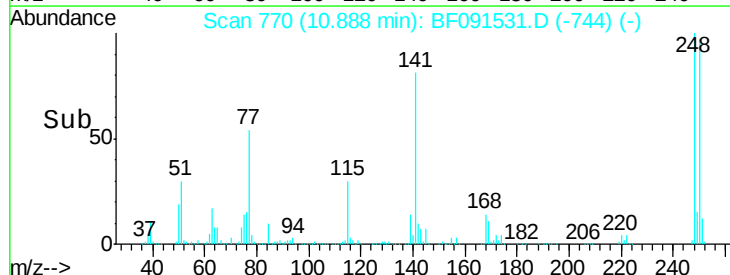
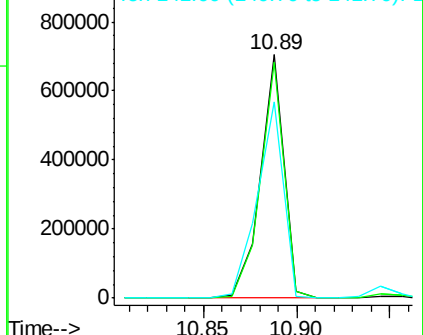
141 80.6 71.9 107.9

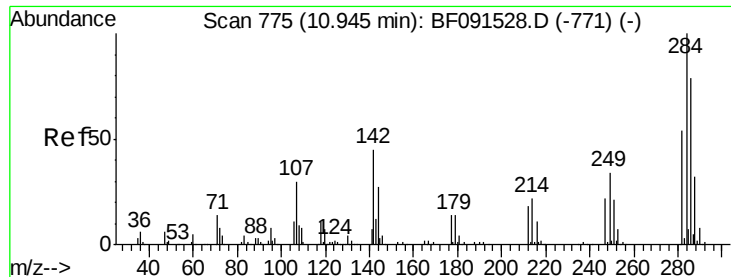


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 67.87 ng

RT: 10.96 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

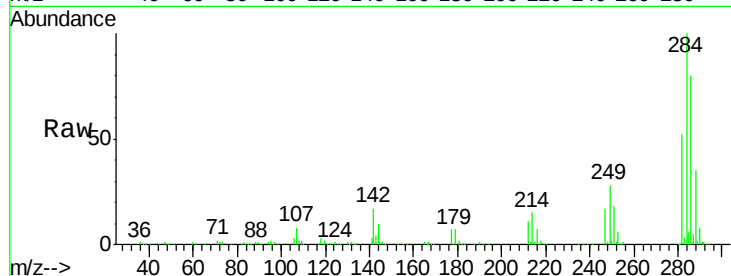
Tot Ion:284 Resp: 642315

Ion Ratio Lower Upper

284 100

142 16.5 17.9 26.9#

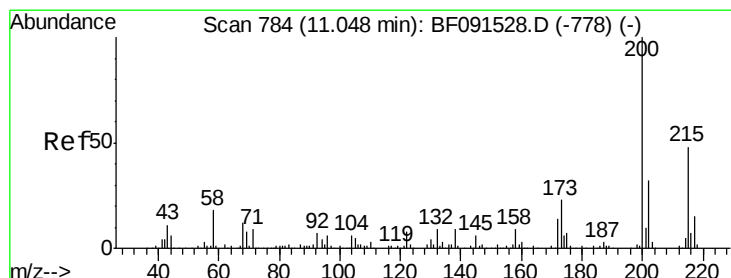
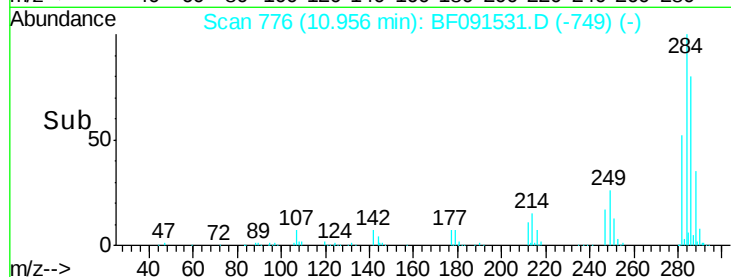
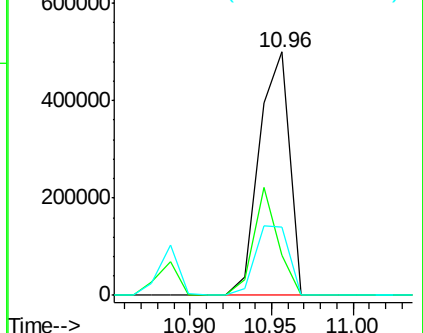
249 28.3 23.6 35.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 60.98 ng

RT: 11.05 min Scan# 784

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

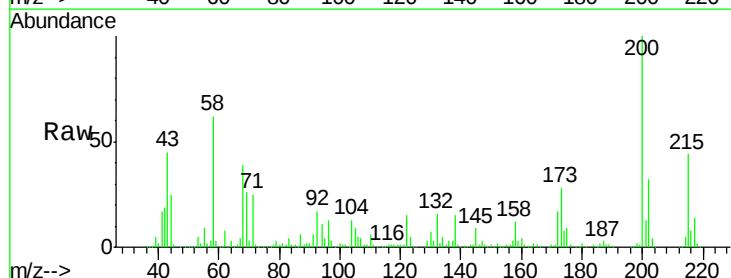
Tgt Ion:200 Resp: 487955

Ion Ratio Lower Upper

200 100

173 28.4 7.8 47.8

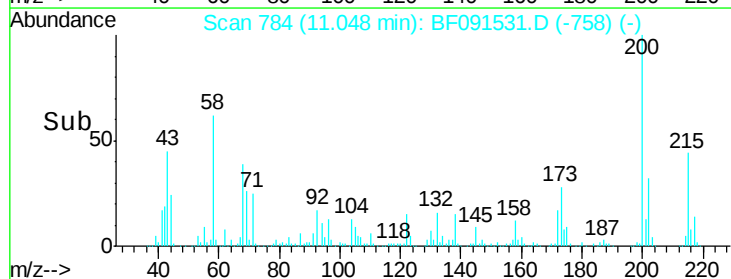
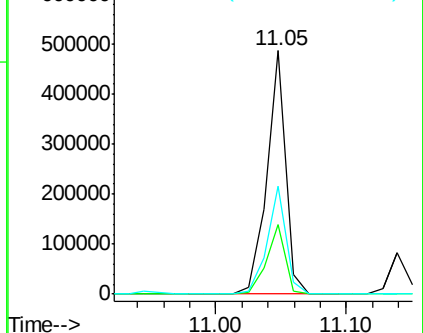
215 44.3 24.3 64.3

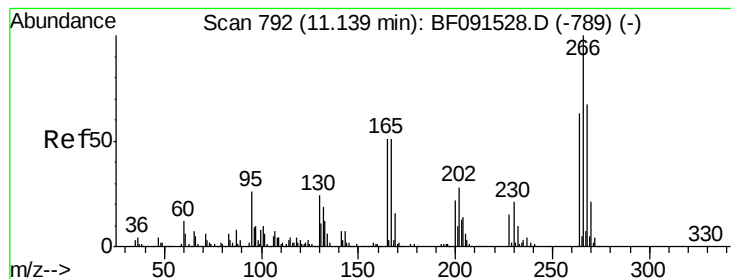


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 66.04 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :
BNA_F
ClientSampleId :

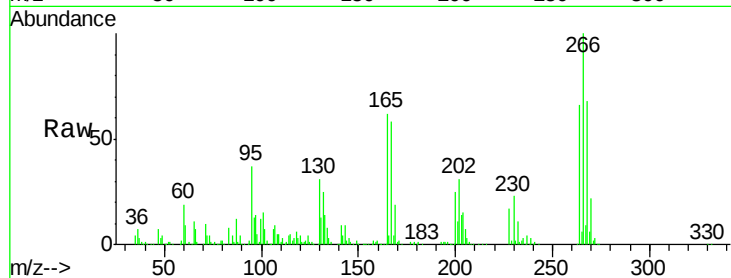
Tot Ion:266 Resp: 367962

Ion Ratio Lower Upper

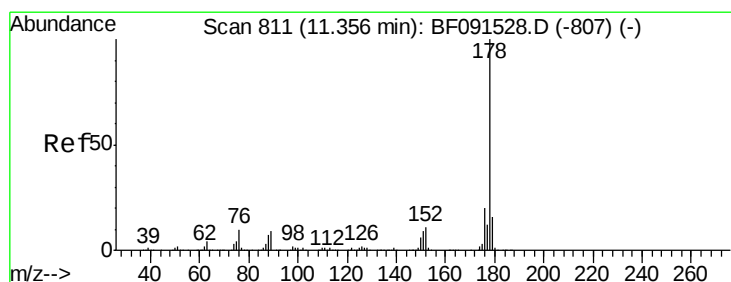
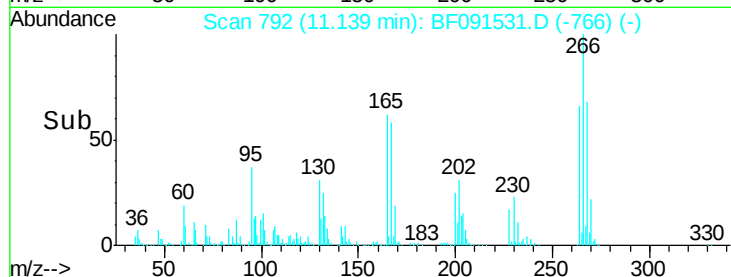
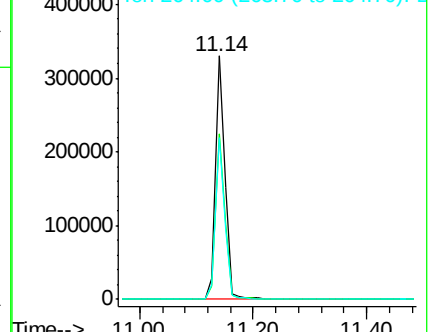
266 100

268 68.0 50.3 75.5

264 66.2 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: 70.81 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

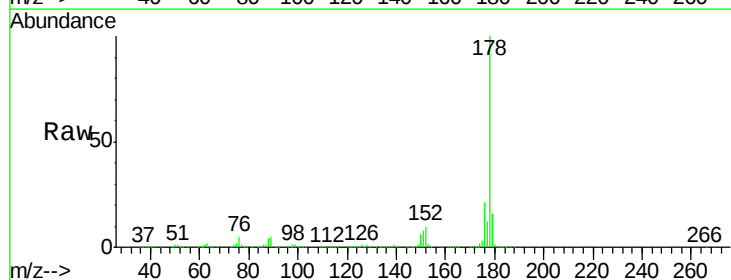
Tgt Ion:178 Resp: 2998090

Ion Ratio Lower Upper

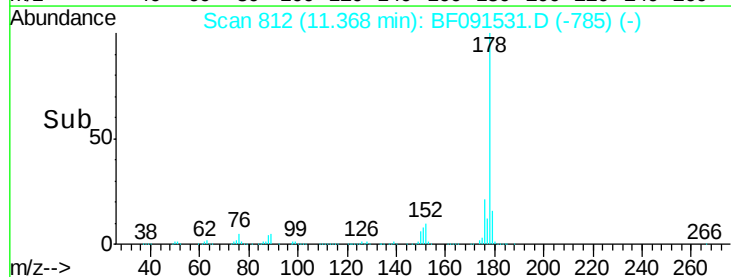
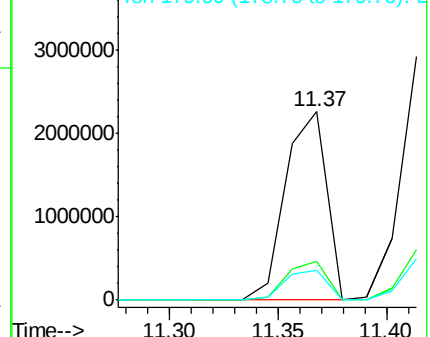
178 100

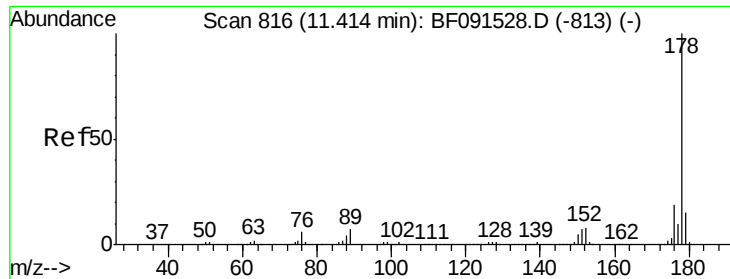
176 20.6 15.9 23.9

179 16.0 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

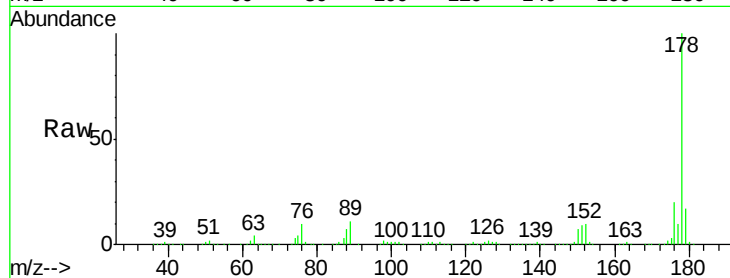




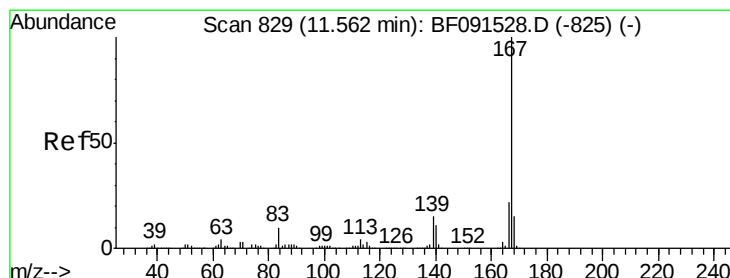
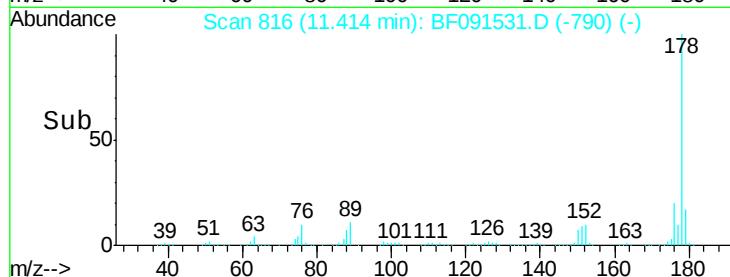
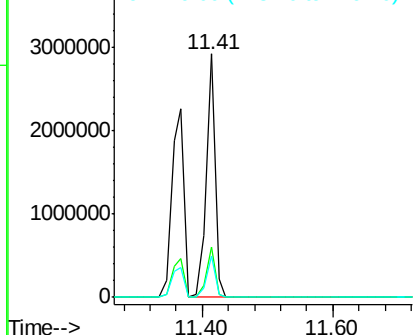
#71
 Anthracene
 Concen: 64.39 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 2705880
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.6
 179 16.9 12.7 19.1

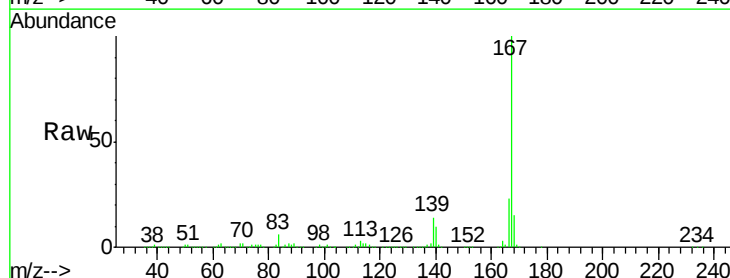


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

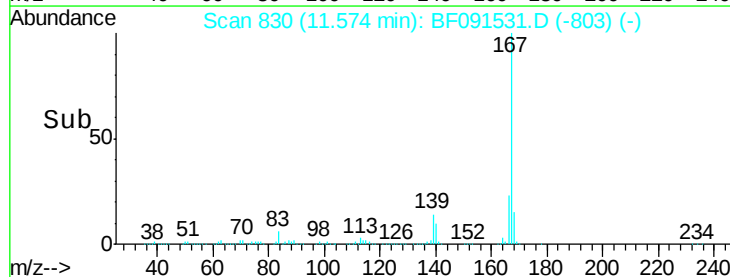
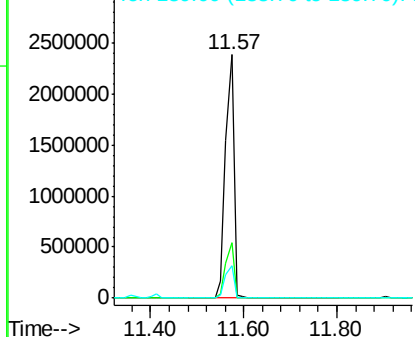


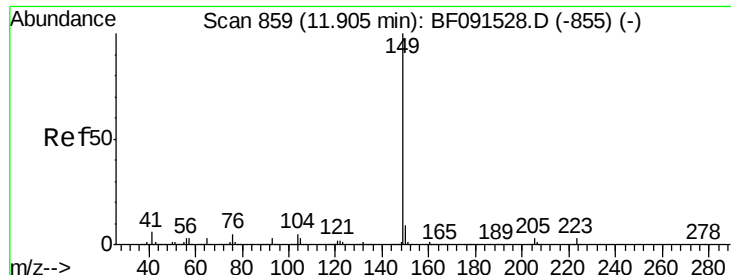
#72
 Carbazole
 Concen: 75.44 ng
 RT: 11.57 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Tgt Ion:167 Resp: 2876584
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 13.5 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: 69.85 ng

RT: 11.91 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

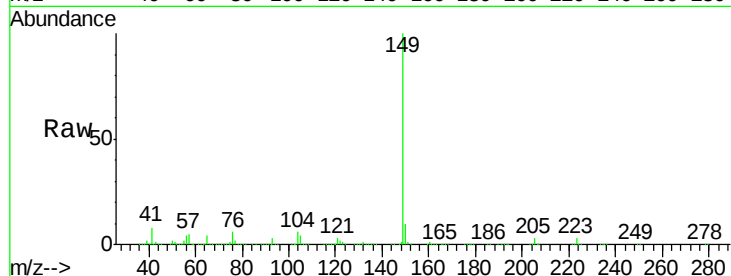
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 3018630

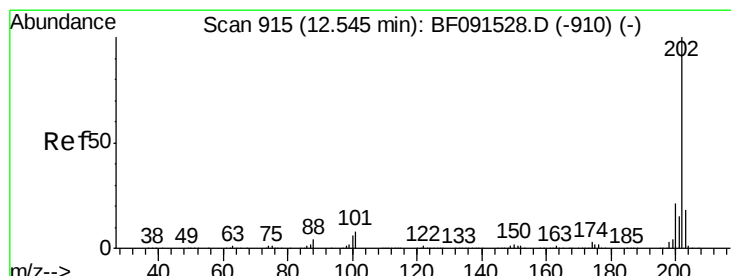
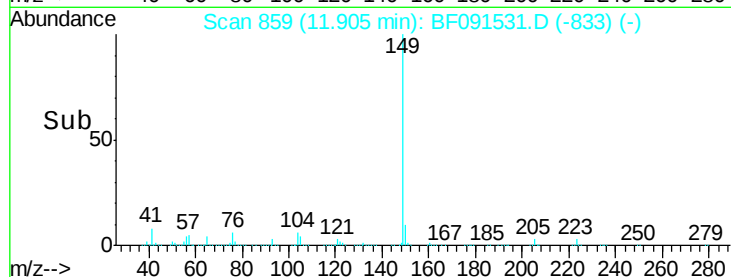
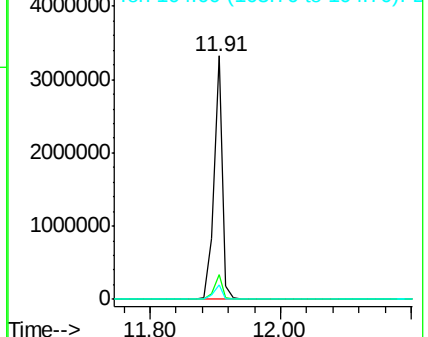
Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.5	11.3
104	6.0	4.0	6.0



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: 65.98 ng

RT: 12.55 min Scan# 915

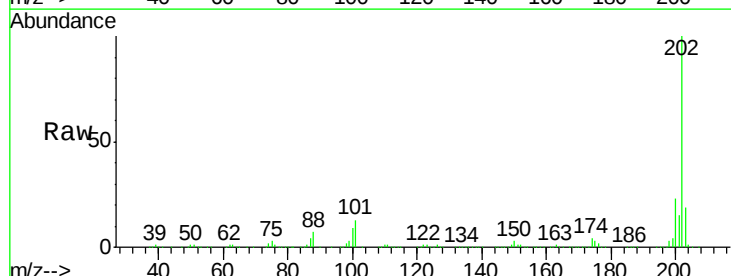
Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Tgt Ion:202 Resp: 2646129

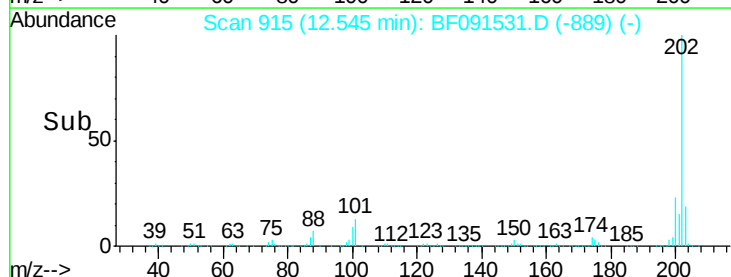
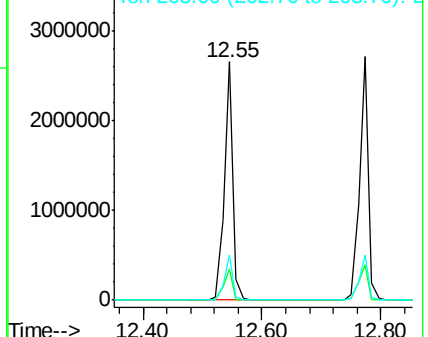
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	29.5
203	18.8	0.0	37.8

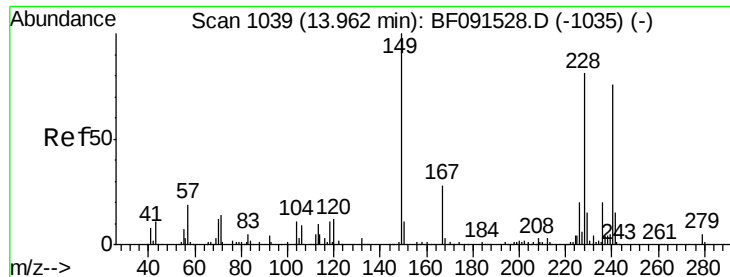


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampled :

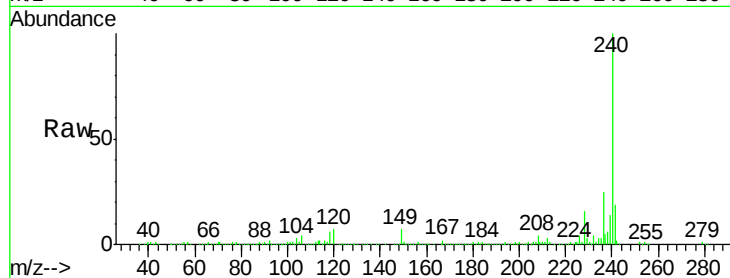
Tot Ion:240 Resp: 458714

Ion Ratio Lower Upper

240 100

120 6.6 12.1 18.1#

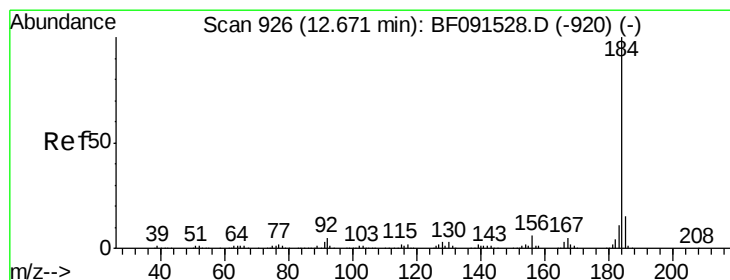
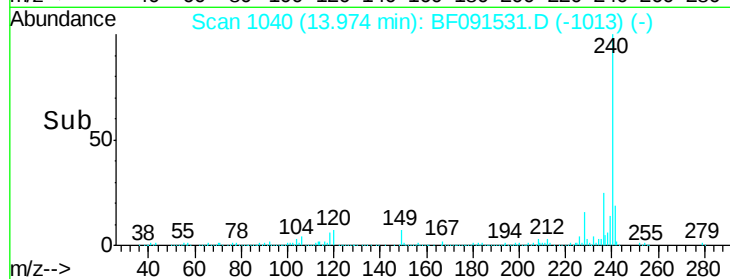
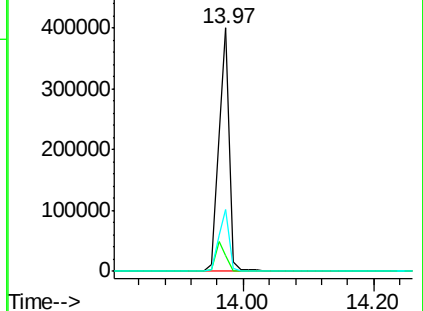
236 25.4 21.0 31.6



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: 72.00 ng

RT: 12.67 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

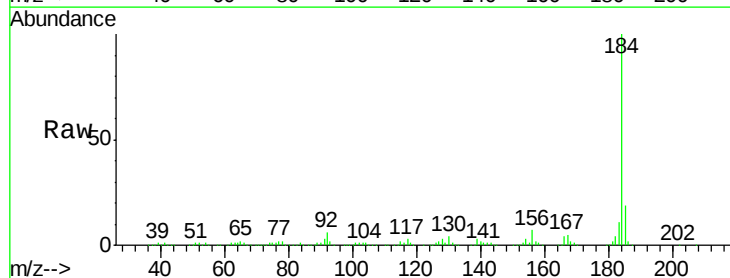
Tgt Ion:184 Resp: 969503

Ion Ratio Lower Upper

184 100

185 19.3 13.1 19.7

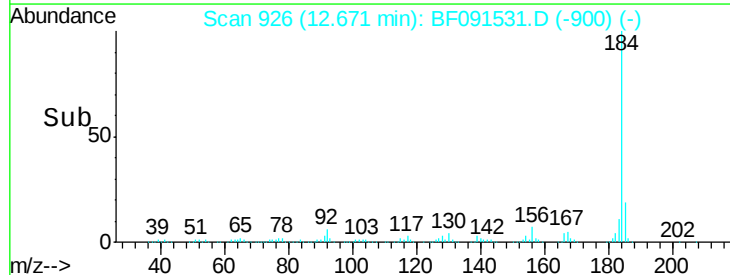
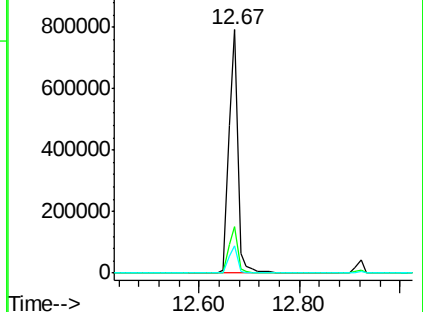
183 11.5 8.9 13.3

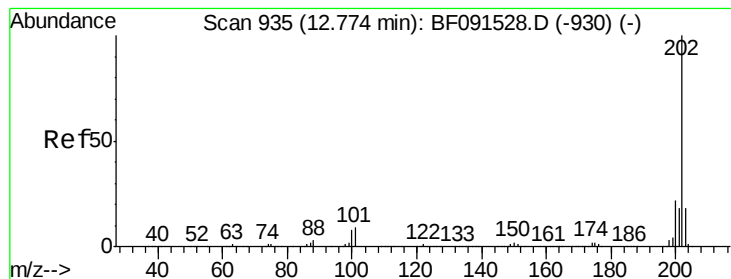


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 79.87 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

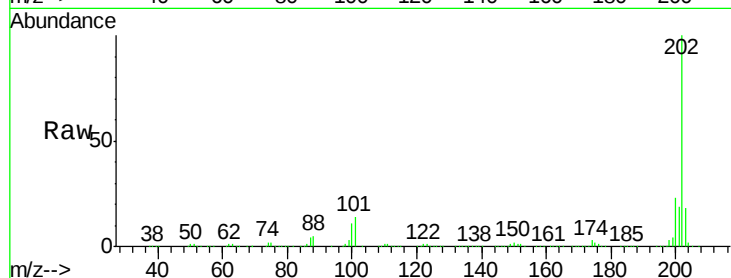
Tot Ion:202 Resp: 2780358

Ion Ratio Lower Upper

202 100

200 22.9 17.6 26.4

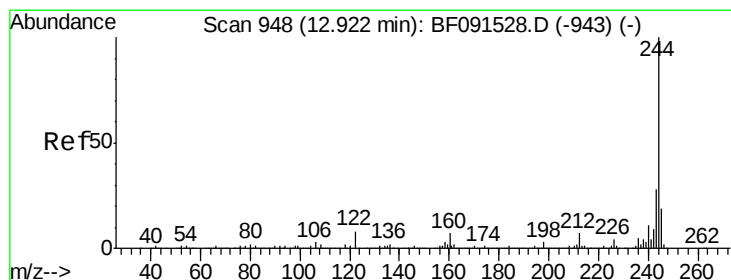
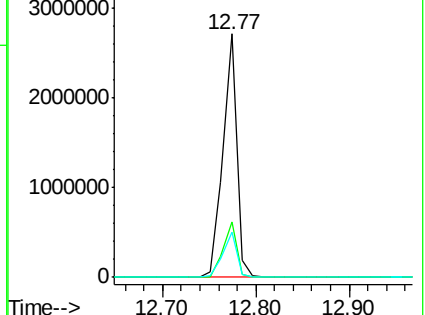
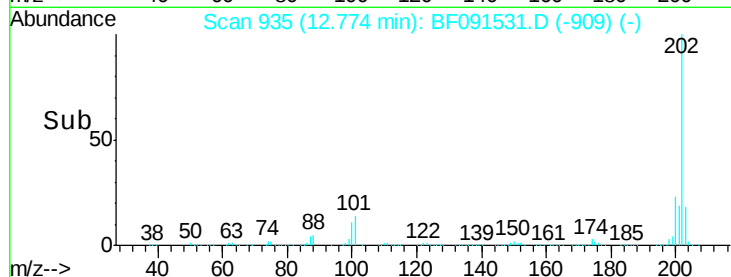
203 18.4 14.0 21.0



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: 134.68 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

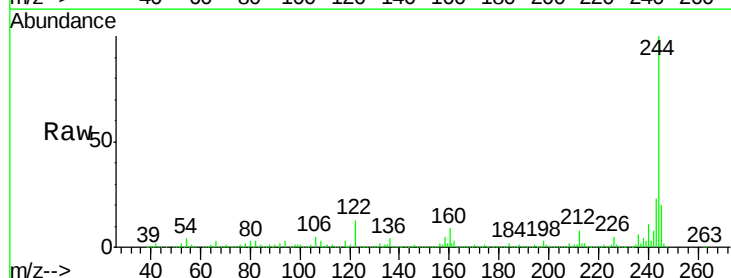
Tgt Ion:244 Resp: 2842322

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

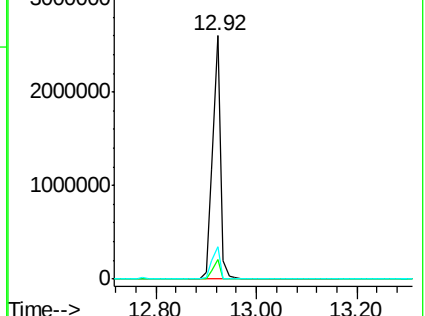
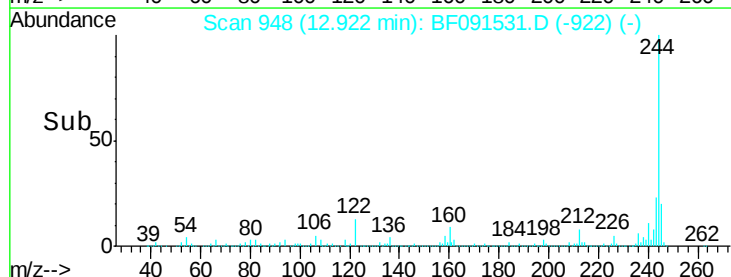
122 13.4 9.5 14.3

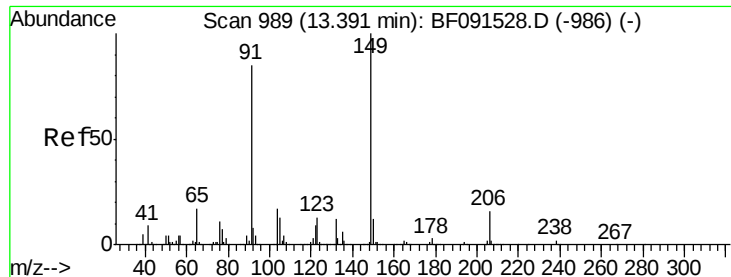


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 93.89 ng

RT: 13.39 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleID :

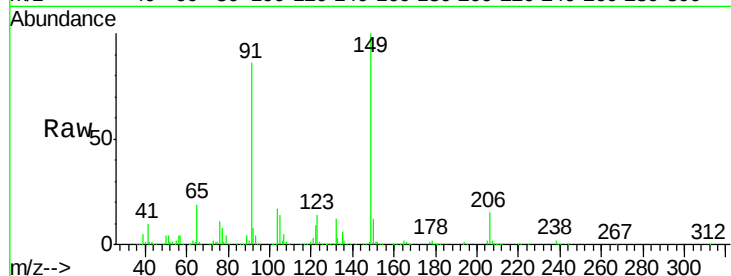
Tot Ion:149 Resp: 1223857

Ion Ratio Lower Upper

149 100

91 86.2 57.4 86.2

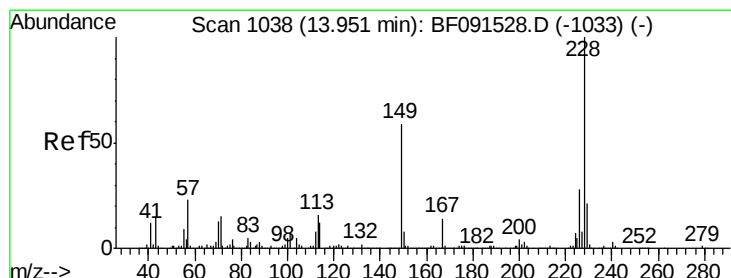
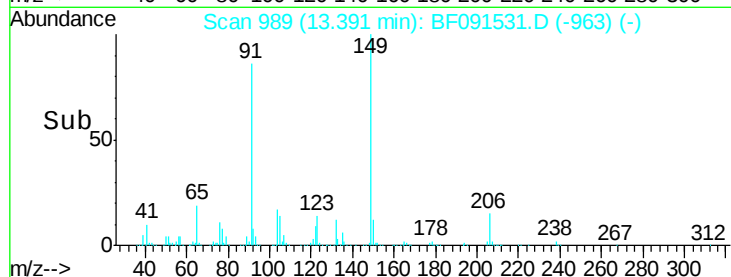
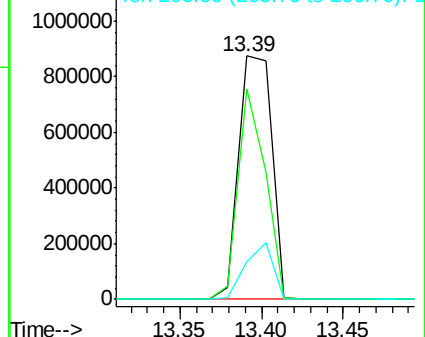
206 15.4 15.4 23.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 74.50 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

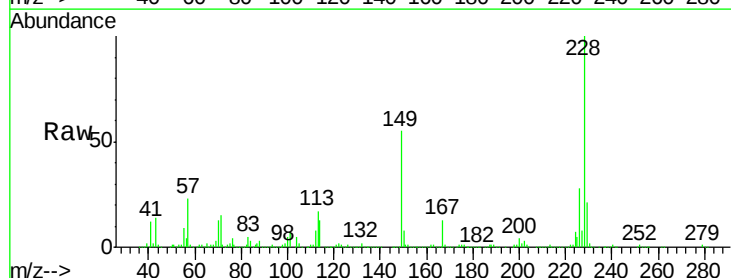
Tgt Ion:228 Resp: 1998468

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

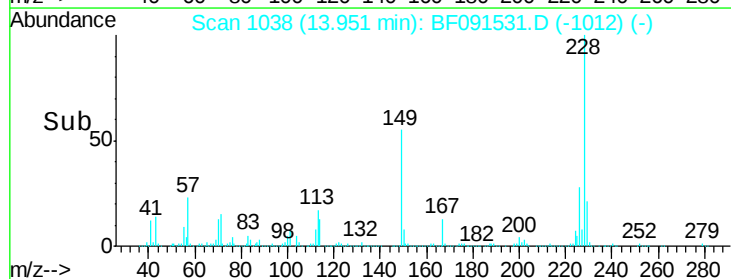
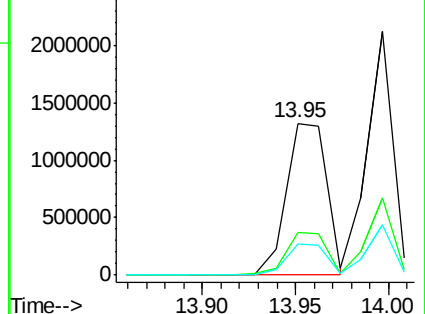
229 20.6 16.4 24.6

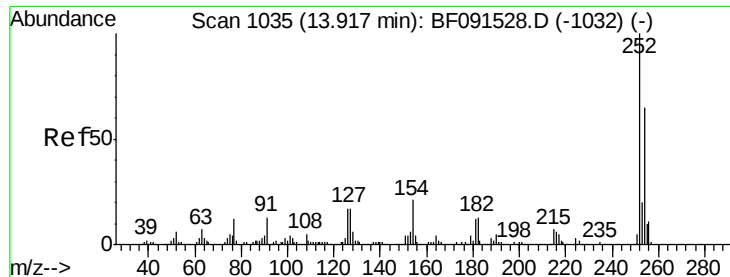


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 80.28 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampled :

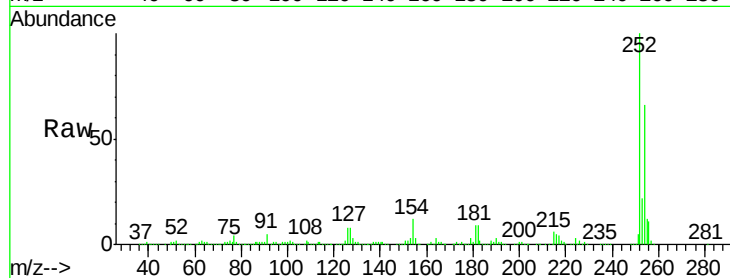
Tot Ion:252 Resp: 758689

Ion Ratio Lower Upper

252 100

254 65.6 52.1 78.1

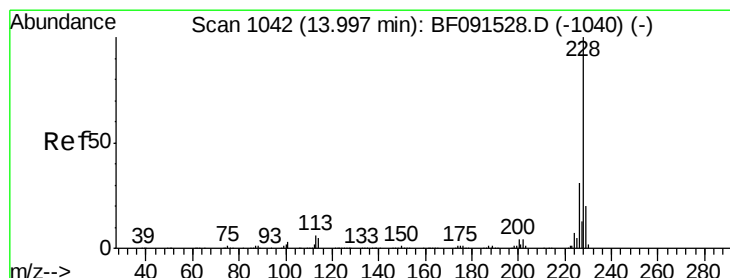
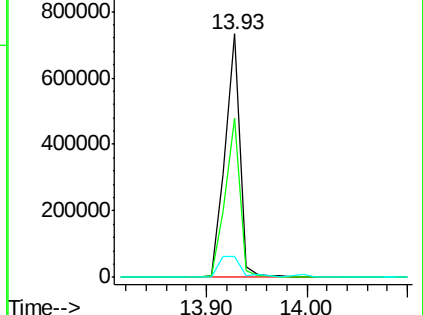
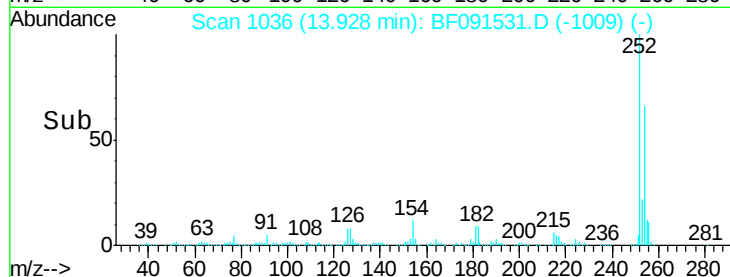
126 8.4 7.5 11.3



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: 78.56 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

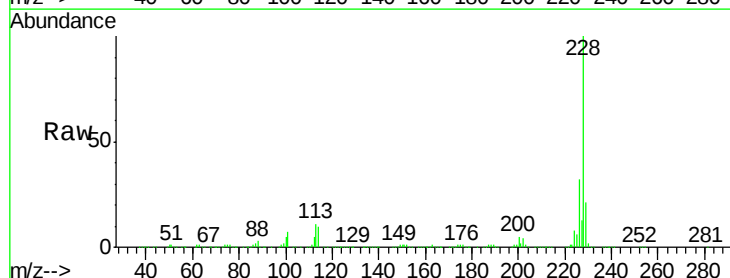
Tgt Ion:228 Resp: 2085209

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.4

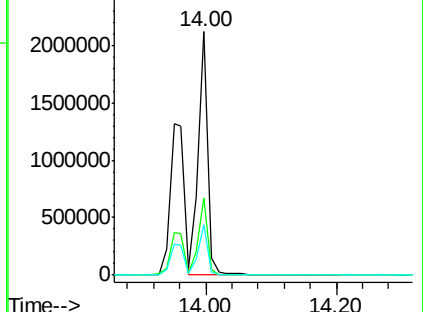
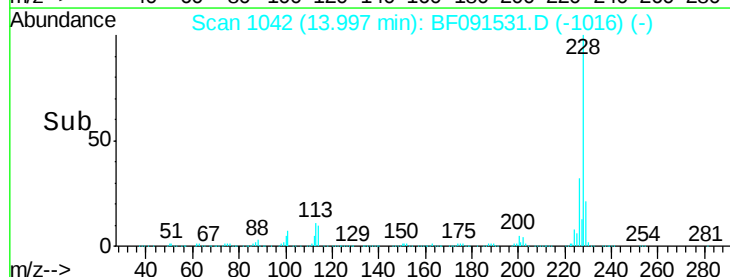
229 20.6 16.0 24.0

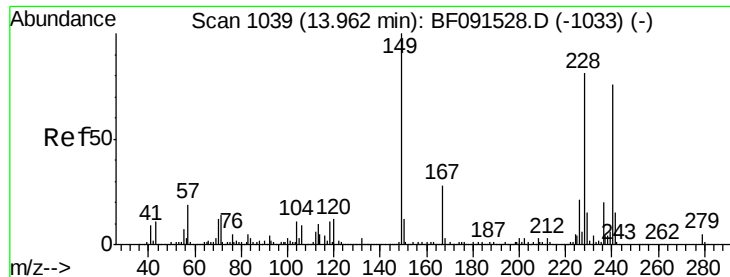


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

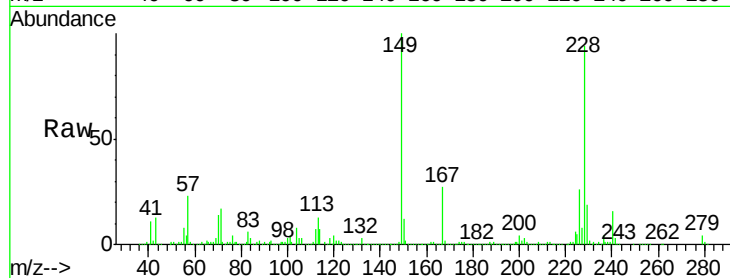




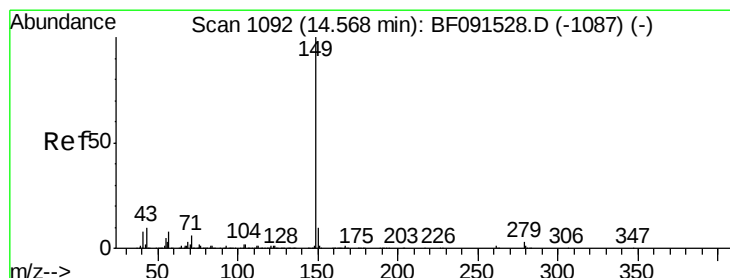
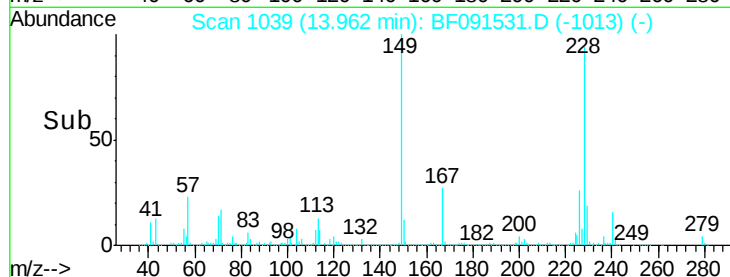
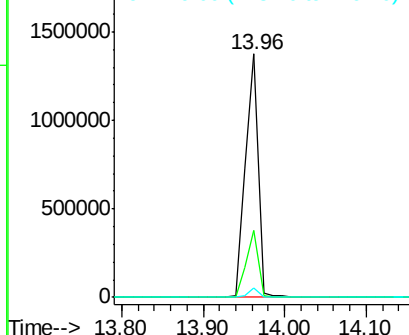
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 90.04 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1487777
 Ion Ratio Lower Upper
 149 100
 167 27.4 19.6 29.4
 279 4.1 1.9 2.9#

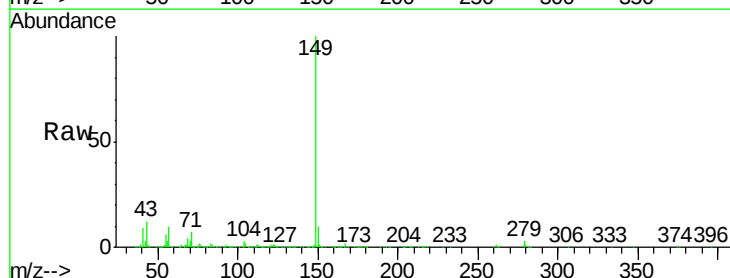


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

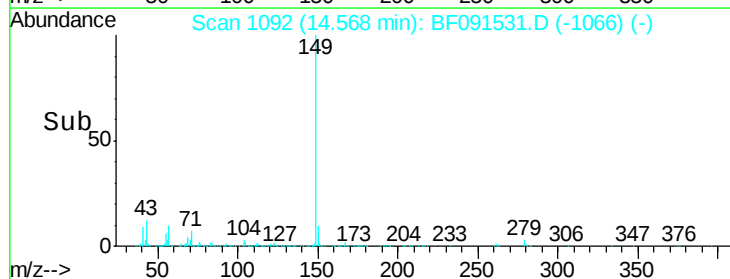
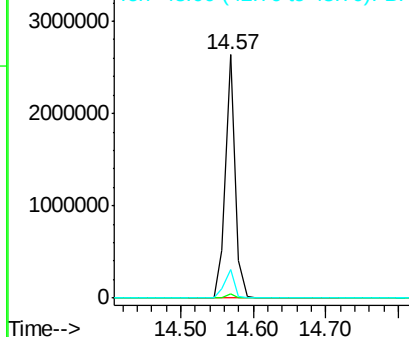


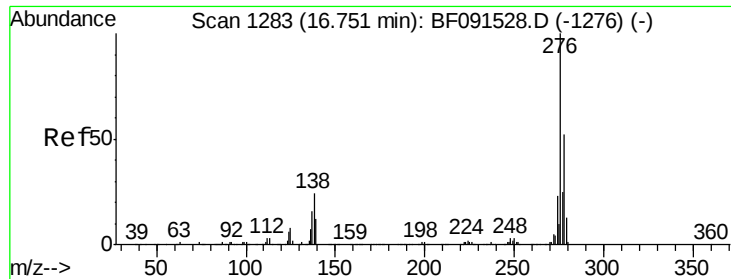
#84
 Di-n-octyl phthalate
 Concen: 98.60 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Tgt Ion:149 Resp: 2465379
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.2 11.9 17.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0



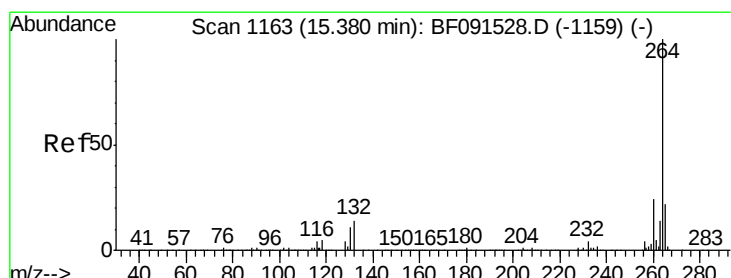
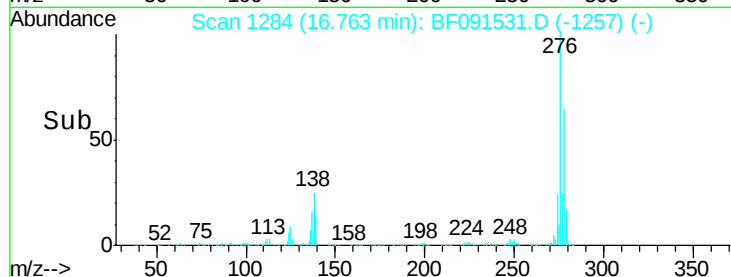
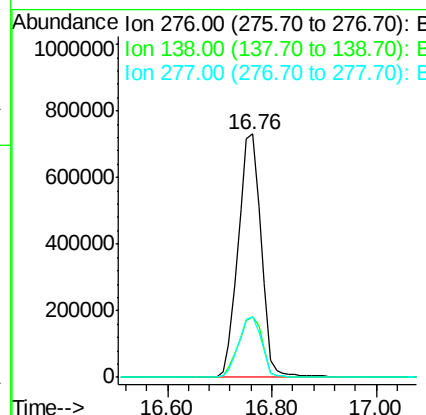
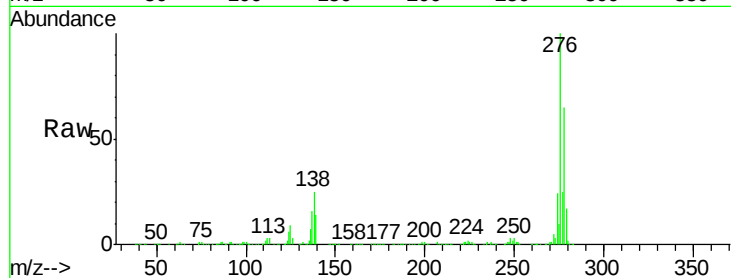


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 92.20 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. 0.01 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 2241169

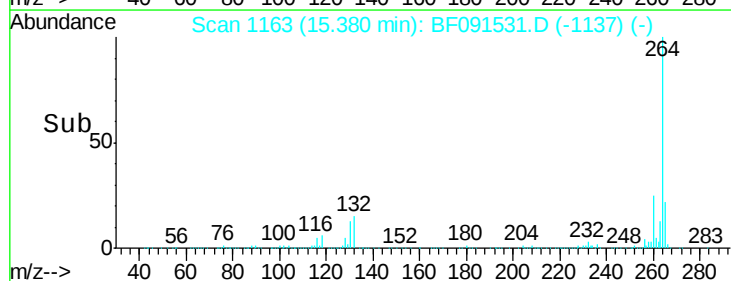
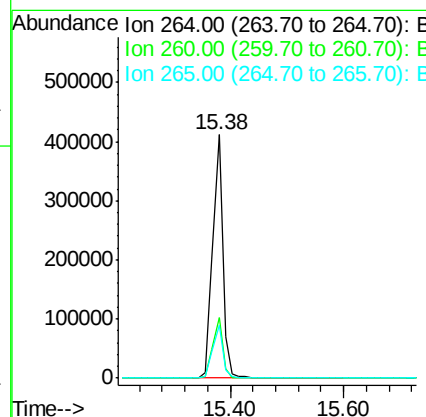
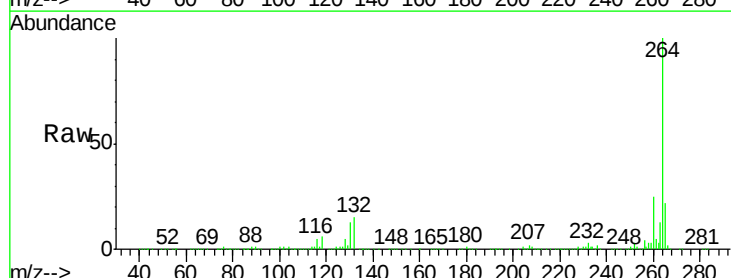
Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.0	31.4
277	25.3	20.2	30.2

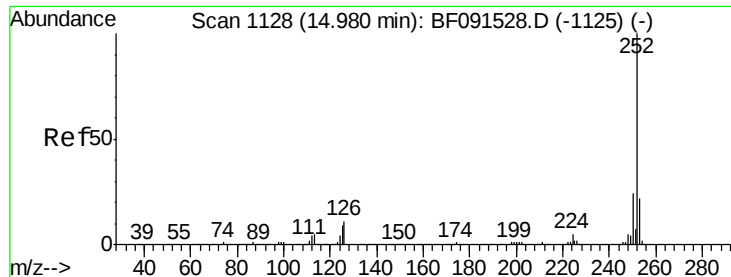


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Tgt Ion:264 Resp: 489102

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	21.6	17.0	25.6

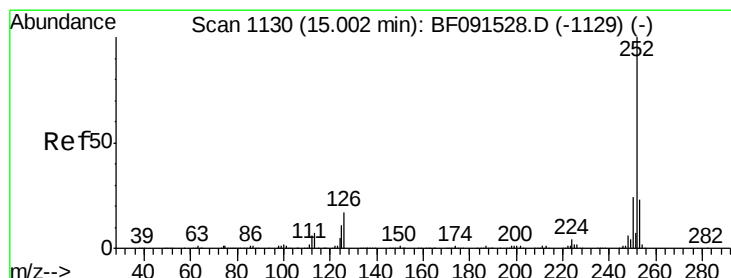
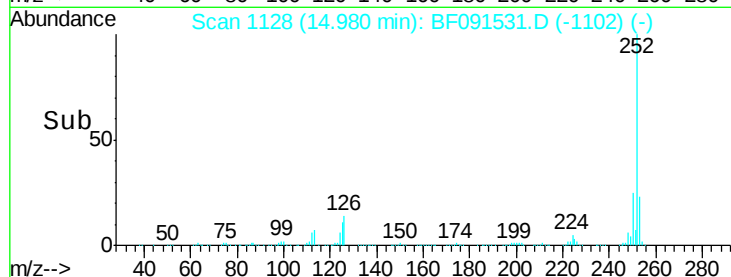
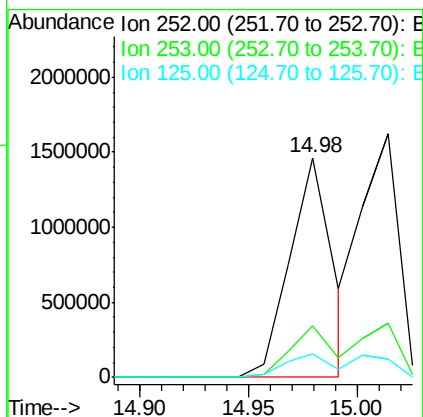
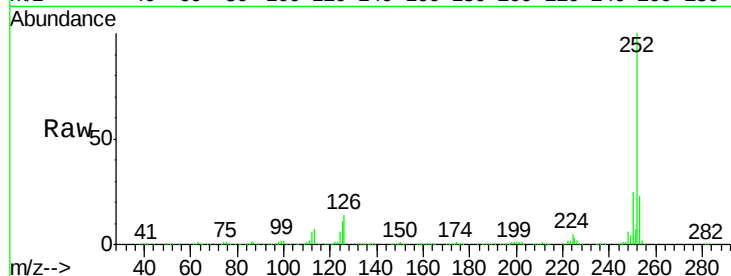




#87
Benzo(b)fluoranthene
Concen: 65.35 ng
RT: 14.98 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

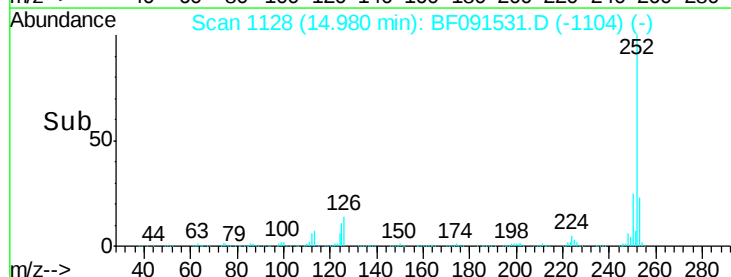
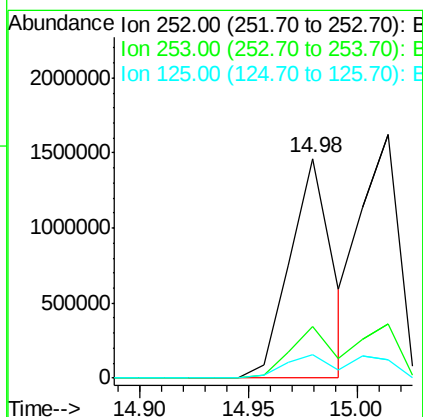
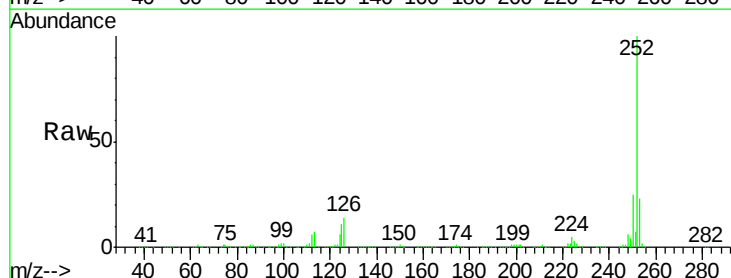
Instrument :
BNA_F
ClientSampleId :

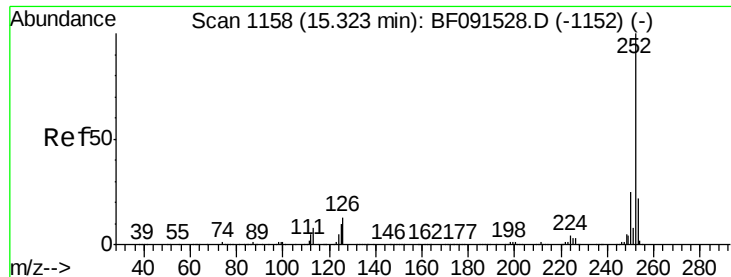
Tot Ion:252 Resp: 1986858
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 10.8 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 77.72 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF091531.D
Acq: 9 Dec 2016 16:40

Tgt Ion:252 Resp: 1986858
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 10.8 9.6 14.4





#89

Benzo(a)pyrene

Concen: 72.05 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

Instrument :

BNA_F

ClientSampleId :

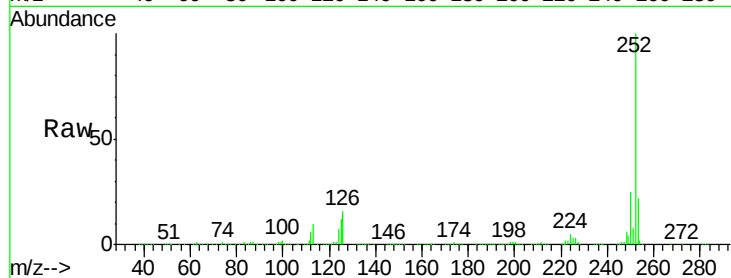
Tot Ion:252 Resp: 1967022

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

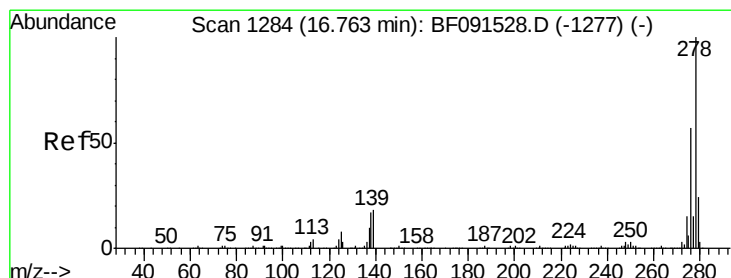
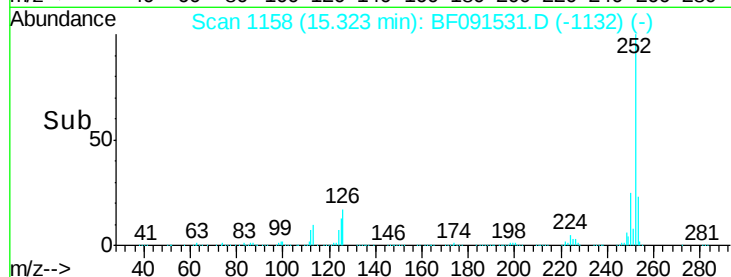
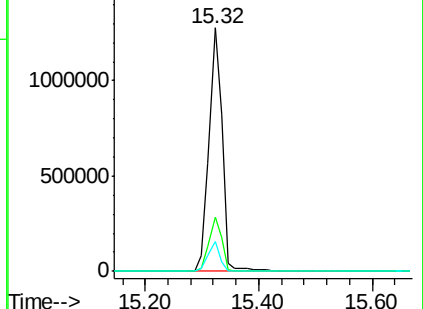
125 12.4 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 74.08 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF091531.D

Acq: 9 Dec 2016 16:40

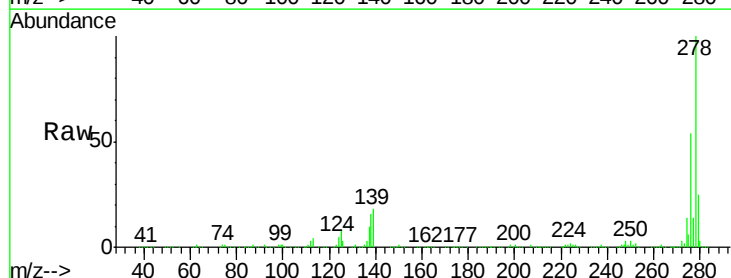
Tgt Ion:278 Resp: 1870619

Ion Ratio Lower Upper

278 100

139 17.8 15.1 22.7

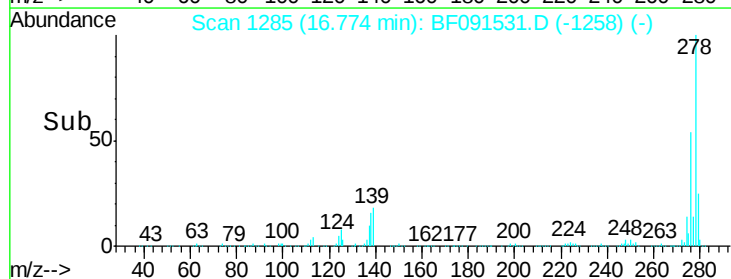
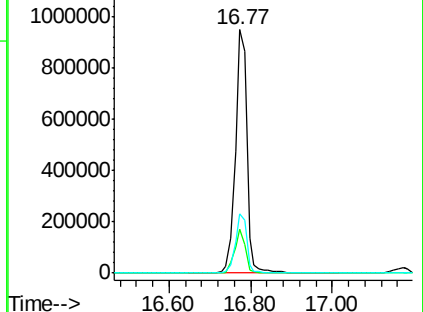
279 24.5 19.0 28.6

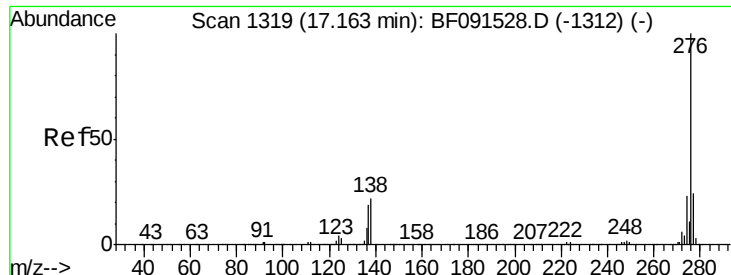


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

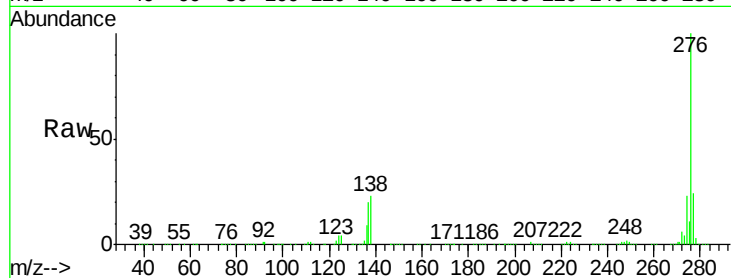




#91
 Benzo(a,h,i)perylene
 Concen: 76.85 ng
 RT: 17.17 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF091531.D
 Acq: 9 Dec 2016 16:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 2000833
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.0 28.4
 138 22.9 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

