

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091530.D
 Acq On : 9 Dec 2016 16:12
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 16:37:32 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	283331	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1068626	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	537923	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	845981	20.00	ng	0.00
75) Chrysene-d12	13.96	240	486418	20.00	ng	0.00
86) Perylene-d12	15.38	264	507799	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1697474	97.87	ng	0.00
7) Phenol-d6	6.46	99	2293294	107.42	ng	0.01
23) Nitrobenzene-d5	7.39	82	2337614	122.59	ng	0.01
41) 2,4,6-Tribromophenol	10.65	330	524241	102.94	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	3288089	110.68	ng	0.00
78) Terphenyl-d14	12.92	244	2588533	115.67	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	487476	62.13	ng	# 86
3) Pyridine	3.10	79	1417070	63.82	ng	# 81
4) n-Nitrosodimethylamine	3.07	42	582518	50.00	ng	# 70
6) Aniline	6.49	93	1469592	51.82	ng	# 65
8) 2-Chlorophenol	6.60	128	968216	50.92	ng	90
9) Benzaldehyde	6.36	77	654923	47.70	ng	84
10) Phenol	6.48	94	1411531	56.19	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	920460	51.28	ng	92
12) 1,3-Dichlorobenzene	6.76	146	1137392	53.77	ng	95
13) 1,4-Dichlorobenzene	6.83	146	1045734	49.70	ng	95
14) 1,2-Dichlorobenzene	6.99	146	1021167	52.11	ng	97
15) Benzyl Alcohol	6.97	79	916000	53.61	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1597672	41.39	ng	81
17) 2-Methylphenol	7.08	107	826503	54.99	ng	# 75
18) Hexachloroethane	7.33	117	448265	60.00	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	643705	47.86	ng	# 84
20) 3+4-Methylphenols	7.24	107	1005411	54.79	ng	# 77
22) Acetophenone	7.23	105	1367988	54.01	ng	# 89
24) Nitrobenzene	7.40	77	1029534	52.74	ng	92
25) Isophorone	7.65	82	2020958	59.82	ng	98
26) 2-Nitrophenol	7.72	139	581565	65.37	ng	# 82
27) 2,4-Dimethylphenol	7.77	122	951900	57.19	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	1155655	56.83	ng	99
29) 2,4-Dichlorophenol	7.96	162	758958	51.84	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	839261	51.13	ng	99
31) Naphthalene	8.12	128	2612107	51.43	ng	99
32) Benzoic acid	7.90	122	670871	54.68	ng	93
33) 4-Chloroaniline	8.18	127	1262770	58.16	ng	96
34) Hexachlorobutadiene	8.25	225	506758	50.21	ng	98
35) Caprolactam	8.57	113	254990	60.59	ng	# 42
36) 4-Chloro-3-methylphenol	8.66	107	827539	52.35	ng	97
37) 2-Methylnaphthalene	8.82	142	1856294	53.80	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	682712	45.02	ng	99
40) Hexachlorocyclopentadiene	8.97	237	392552	55.85	ng	98

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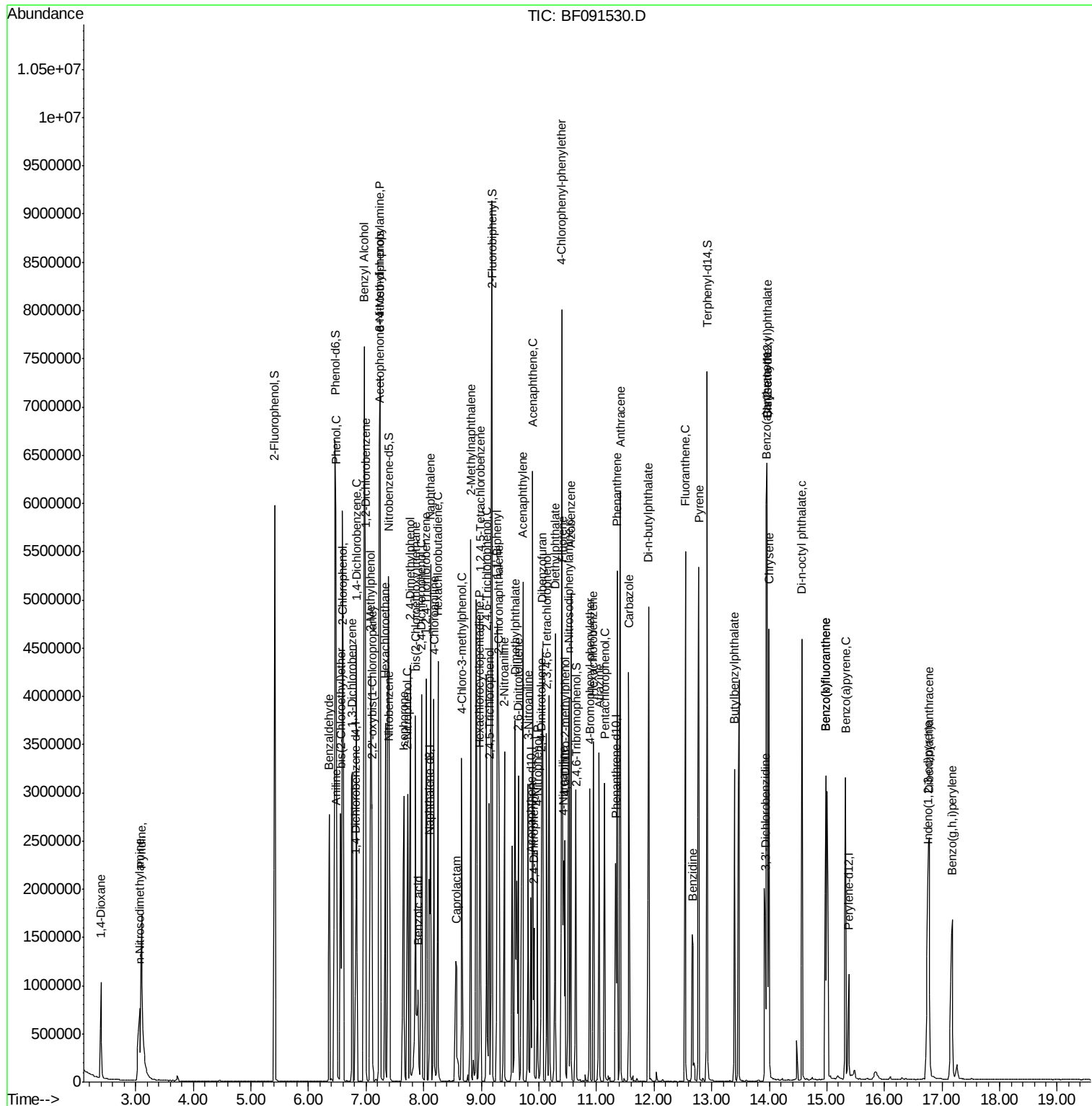
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	539222	54.71	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	549197	55.61	nq	95
45) 1,1'-Biphenyl	9.28	154	2126931	54.99	nq	99
46) 2-Chloronaphthalene	9.30	162	1624826	56.41	nq	97
47) 2-Nitroaniline	9.40	65	635410	61.42	nq	92
48) Acenaphthylene	9.72	152	2659593	58.65	nq	99
49) Dimethylphthalate	9.58	163	1736464	53.31	nq	97
50) 2,6-Dinitrotoluene	9.64	165	384309	52.79	nq	94
51) Acenaphthene	9.89	154	1807375	59.09	nq	98
52) 3-Nitroaniline	9.81	138	471483	55.95	nq	94
53) 2,4-Dinitrophenol	9.92	184	233578	73.37	nq	# 86
54) Dibenzofuran	10.06	168	2238680	54.67	nq	97
55) 4-Nitrophenol	9.97	139	335948	55.20	nq	93
56) 2,4-Dinitrotoluene	10.04	165	497125	52.64	nq	# 54
57) Fluorene	10.41	166	1697539	53.99	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	412326	48.89	nq	97
59) Diethylphthalate	10.28	149	1759065	54.71	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	726075	46.04	nq	# 81
61) 4-Nitroaniline	10.43	138	514032	64.96	nq	92
62) Azobenzene	10.56	77	2087102	63.62	nq	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	305122	65.47	nq	# 64
65) n-Nitrosodiphenylamine	10.52	169	1519485	59.24	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	521467	57.35	nq	# 86
67) Hexachlorobenzene	10.94	284	489528	49.82	nq	# 68
68) Atrazine	11.05	200	476382	57.35	nq	98
69) Pentachlorophenol	11.14	266	304841	52.70	nq	96
70) Phenanthrene	11.36	178	2231778	50.77	nq	98
71) Anthracene	11.41	178	2520475	57.77	nq	99
72) Carbazole	11.56	167	2050168	51.79	nq	99
73) Di-n-butylphthalate	11.90	149	2667486	59.45	nq	99
74) Fluoranthene	12.54	202	2363547	56.76	nq	98
76) Benzidine	12.67	184	887465	62.15	nq	98
77) Pyrene	12.77	202	2499309	67.71	nq	99
79) Butylbenzylphthalate	13.39	149	1005083	72.71	nq	85
80) Benzo(a)anthracene	13.95	228	1662066	58.43	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	605025	60.38	nq	# 99
82) Chrysene	14.00	228	1853170	65.84	nq	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	1254304	71.59	nq	# 95
84) Di-n-octyl phthalate	14.57	149	2092977	78.94	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.75	276	1721994	66.81	nq	100
87) Benzo(b)fluoranthene	14.98	252	1709196	54.15	nq	98
88) Benzo(k)fluoranthene	14.98	252	1709196	64.40	nq	# 97
89) Benzo(a)pyrene	15.32	252	1509282	53.25	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	1430630	54.57	nq	97
91) Benzo(g,h,i)perylene	17.17	276	1511496	55.92	nq	98

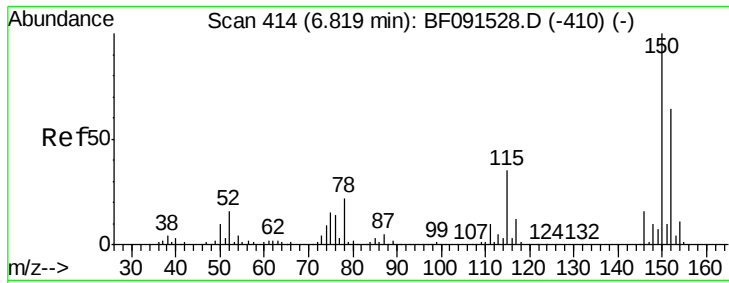
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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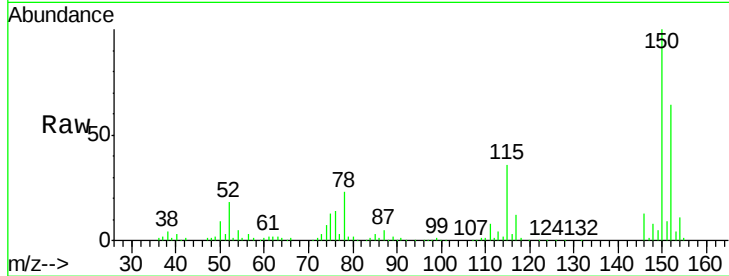


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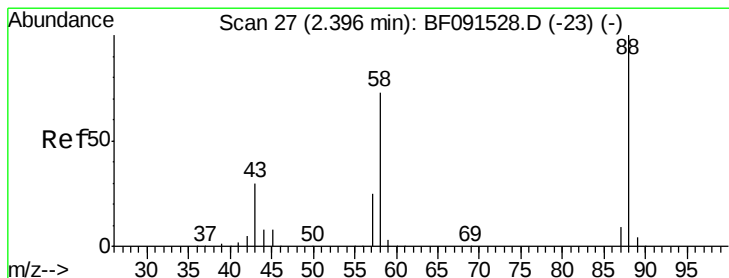
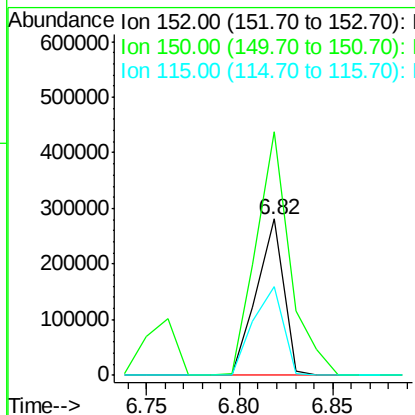
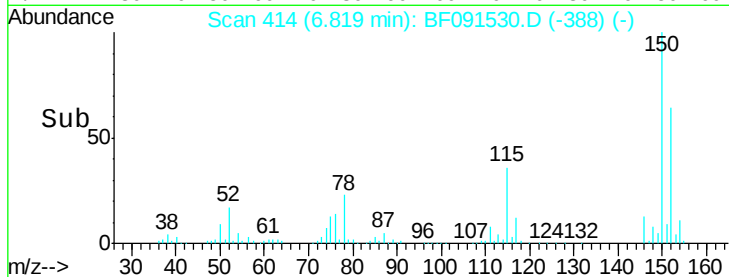
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 283331
Ion Ratio Lower Upper
152 100
150 155.7 122.5 183.7
115 56.5 51.8 77.8



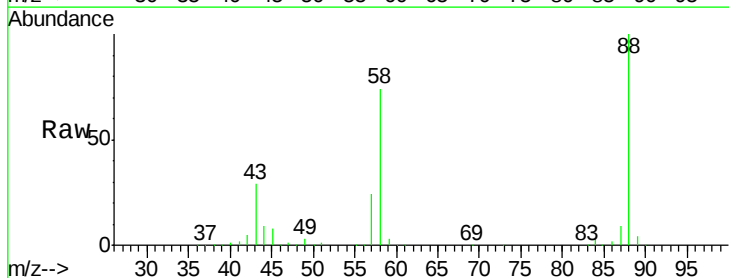
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



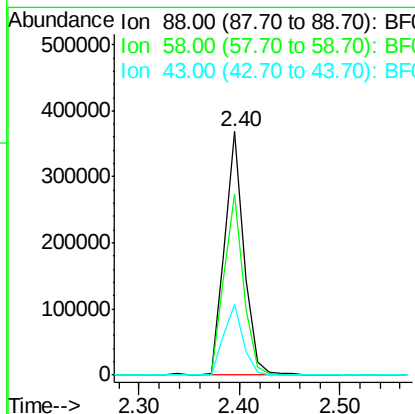
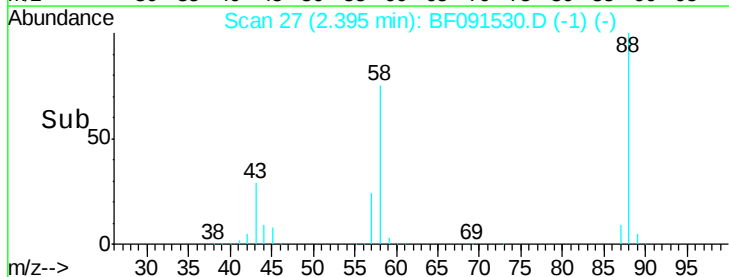
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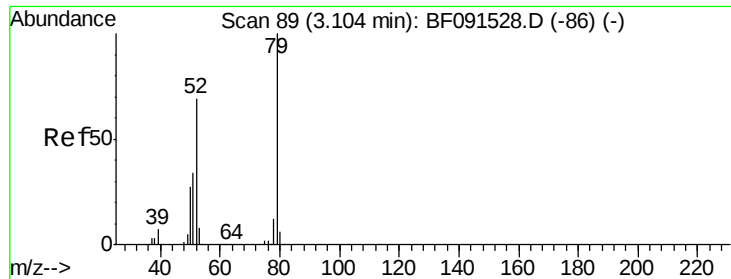
1,4-Dioxane
Concen: 62.13 ng
RT: 2.40 min Scan# 27
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion: 88 Resp: 487476
Ion Ratio Lower Upper
88 100
58 75.0 70.3 105.5
43 29.7 31.3 46.9#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 63.82 ng

RT: 3.10 min Scan# 89

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

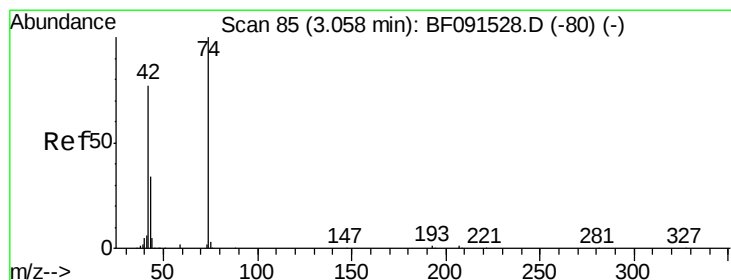
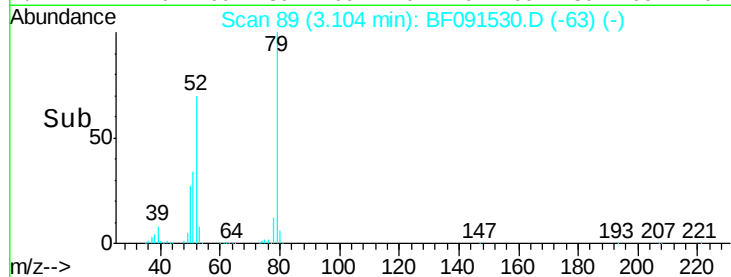
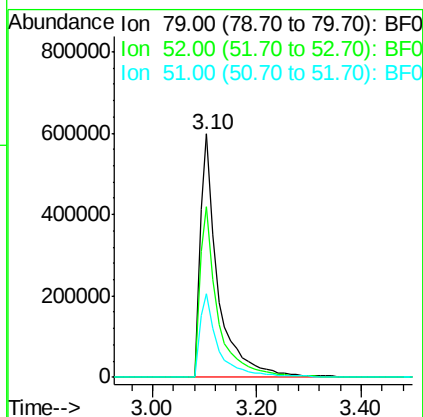
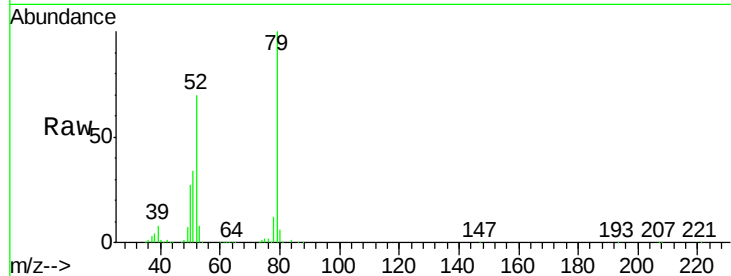
Tot Ion: 79 Resp: 1417070

Ion Ratio Lower Upper

79 100

52 69.9 71.0 106.4#

51 34.5 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 50.00 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

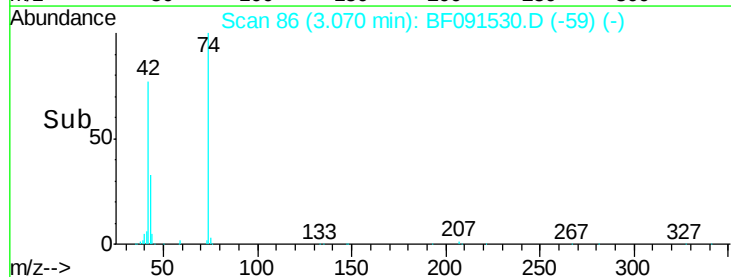
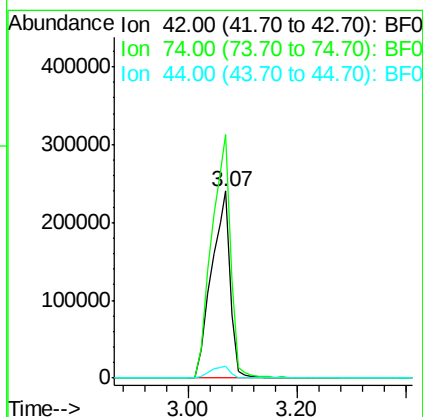
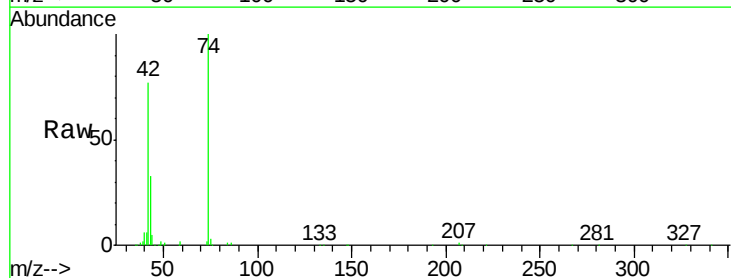
Tgt Ion: 42 Resp: 582518

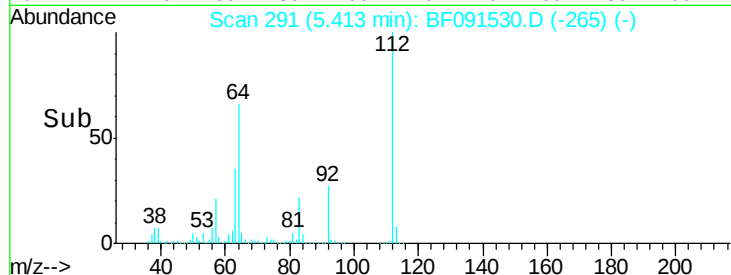
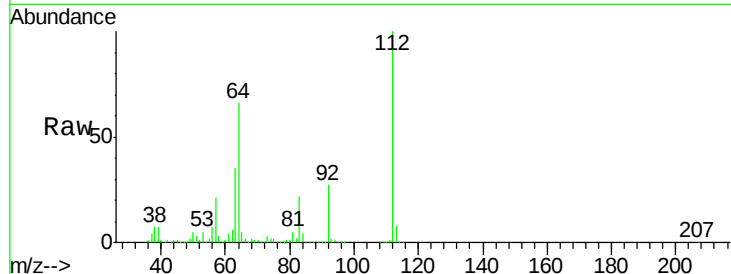
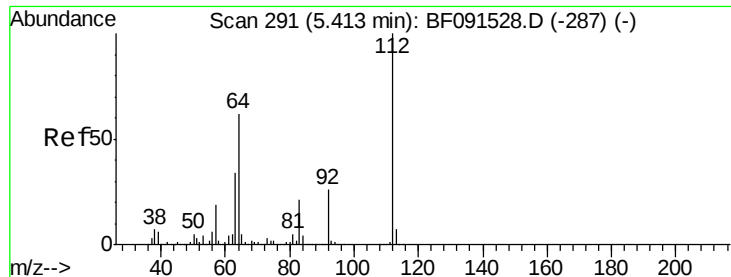
Ion Ratio Lower Upper

42 100

74 130.4 78.9 118.3#

44 6.4 5.8 8.6

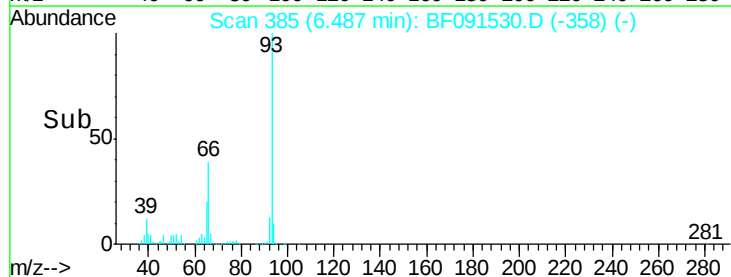
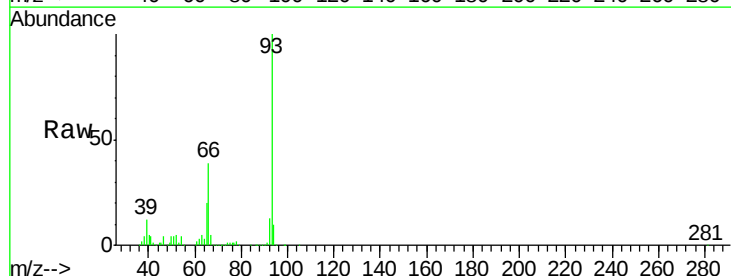
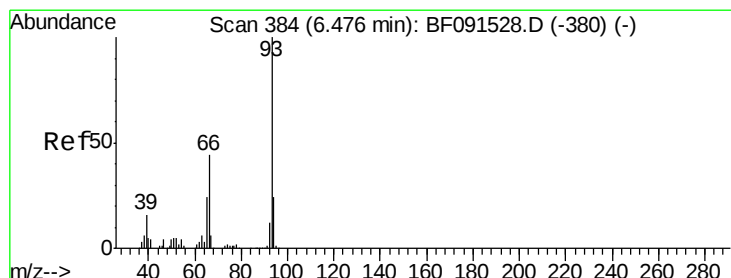
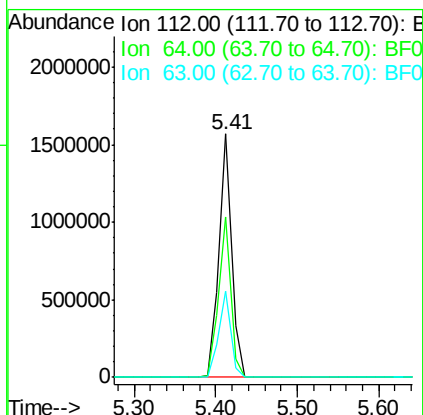




#5
2-Fluorophenol
Concen: 97.87 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

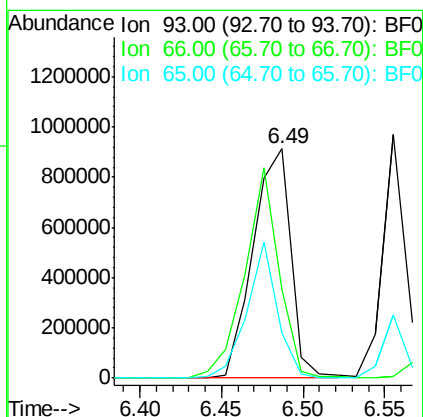
Instrument :
BNA_F
ClientSampleId :

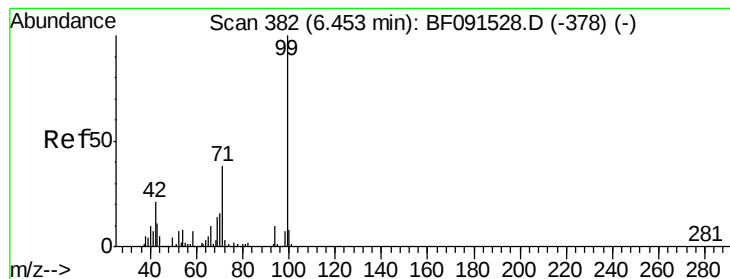
Tot Ion:112 Resp: 1697474
Ion Ratio Lower Upper
112 100
64 66.0 61.5 92.3
63 35.5 33.3 49.9



#6
Aniline
Concen: 51.82 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion: 93 Resp: 1469592
Ion Ratio Lower Upper
93 100
66 38.8 55.8 83.6#
65 19.7 29.9 44.9#





#7

Phenol-d6

Concen: 107.42 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

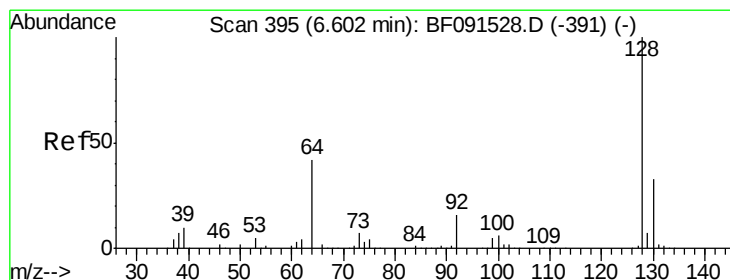
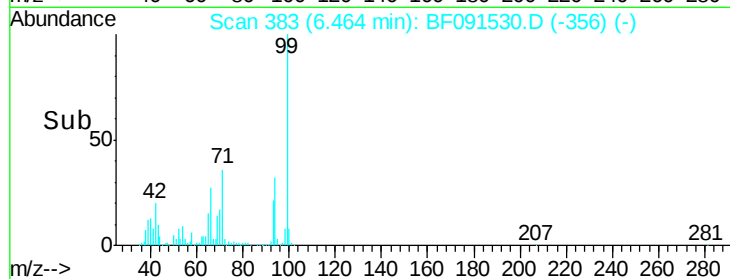
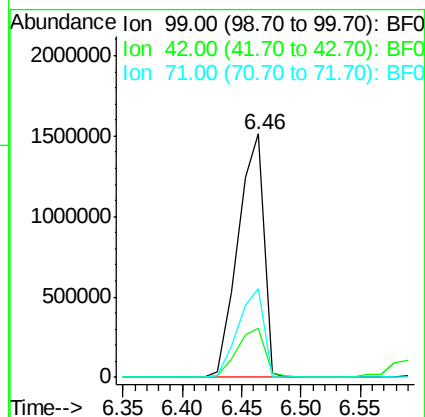
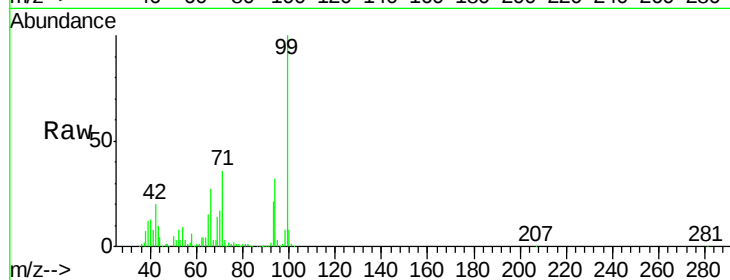
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2293294

Ion	Ratio	Lower	Upper
99	100		
42	19.9	20.6	31.0#
71	36.3	29.9	44.9



#8

2-Chlorophenol

Concen: 50.92 ng

RT: 6.60 min Scan# 395

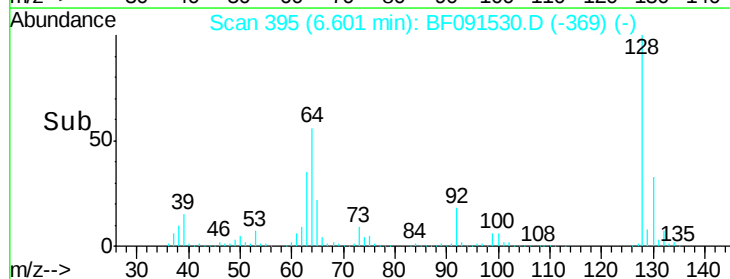
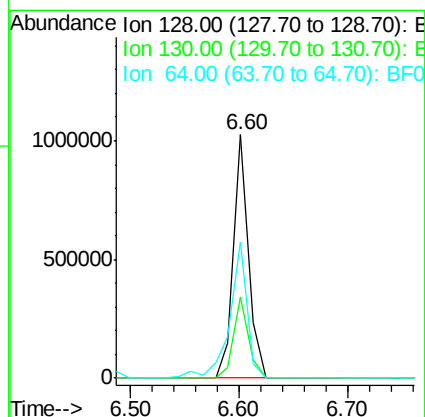
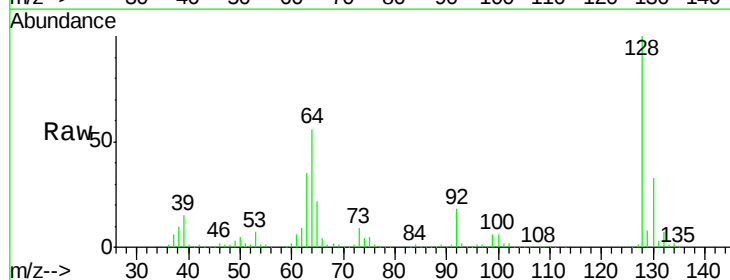
Delta R.T. -0.00 min

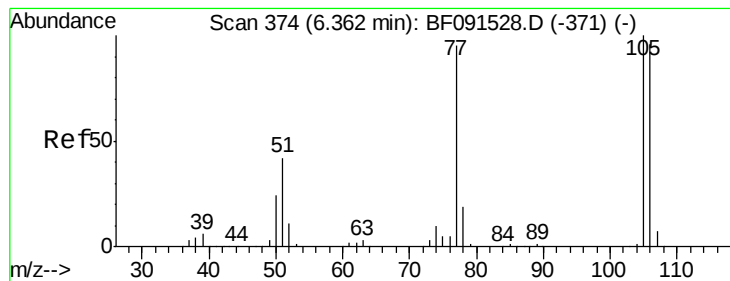
Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Tgt Ion: 128 Resp: 968216

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.1	53.1
64	55.7	24.1	64.1





#9

Benzaldehyde

Concen: 47.70 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF091530.D

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Instrument :

BNA_F

ClientSampleId :

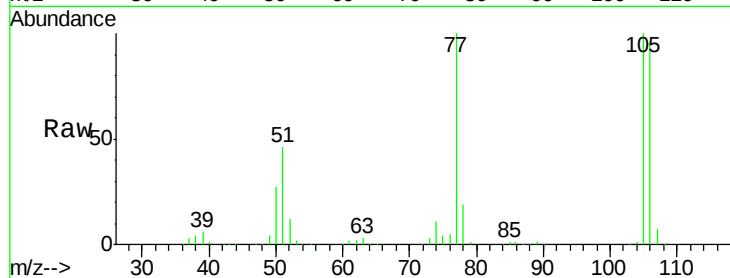
Tot Ion: 77 Resp: 654923

Ion Ratio Lower Upper

77 100

105 100.5 66.4 106.4

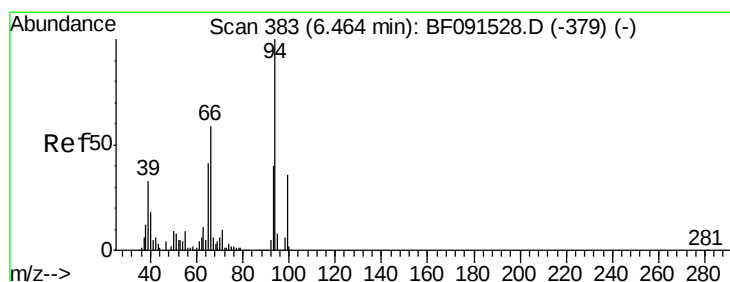
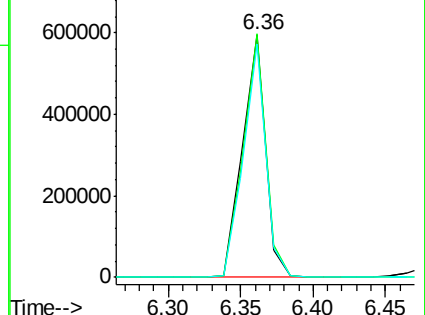
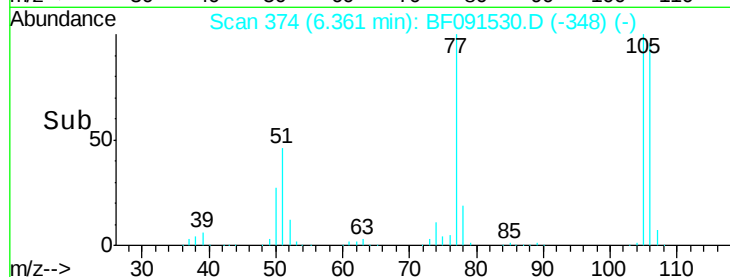
106 96.3 60.9 100.9



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: 56.19 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

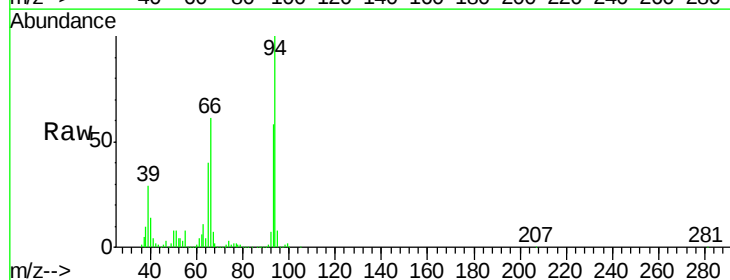
Tgt Ion: 94 Resp: 1411531

Ion Ratio Lower Upper

94 100

65 39.8 16.9 56.9

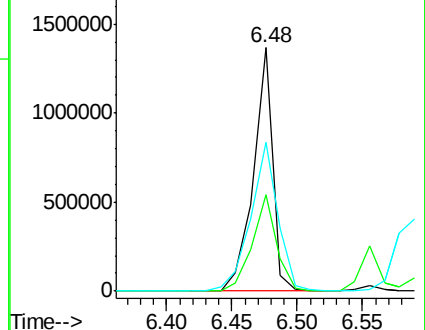
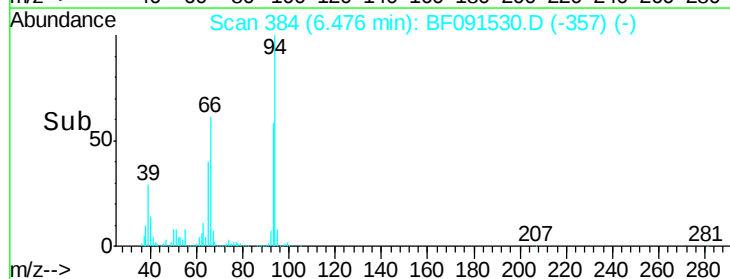
66 61.1 30.6 70.6

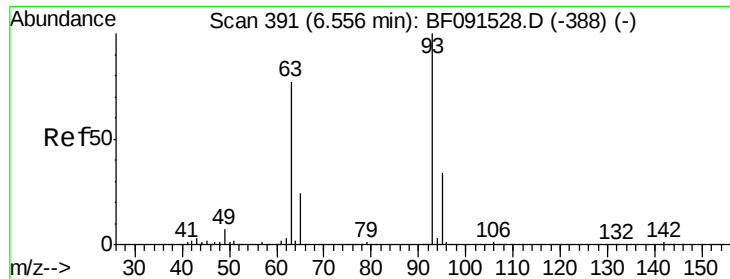


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 51.28 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

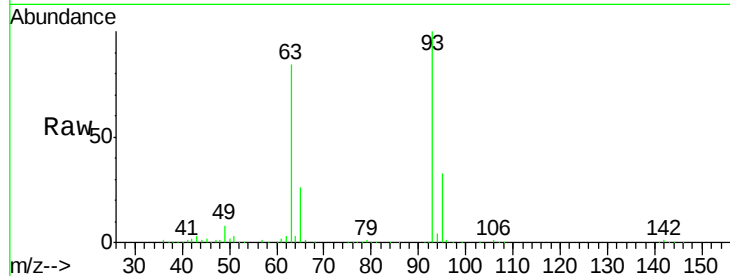
Tot Ion: 93 Resp: 920460

Ion Ratio Lower Upper

93 100

63 84.3 74.8 114.8

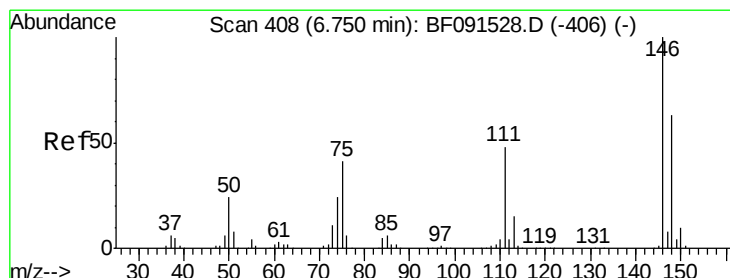
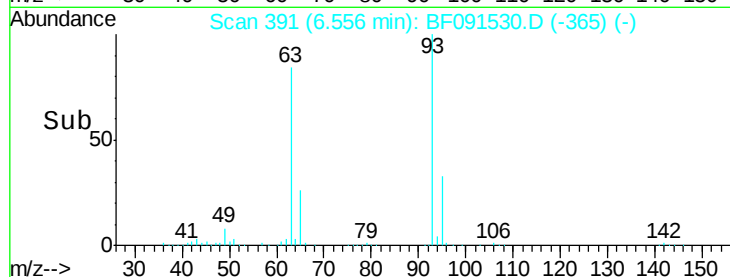
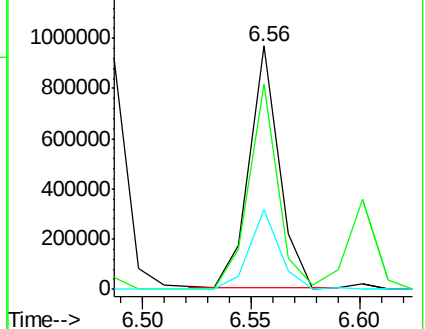
95 32.7 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 53.77 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

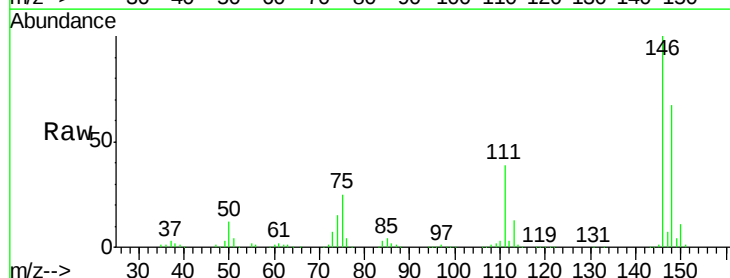
Tgt Ion: 146 Resp: 1137392

Ion Ratio Lower Upper

146 100

148 66.6 51.4 77.0

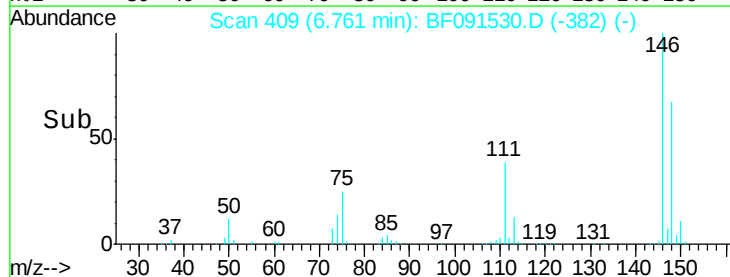
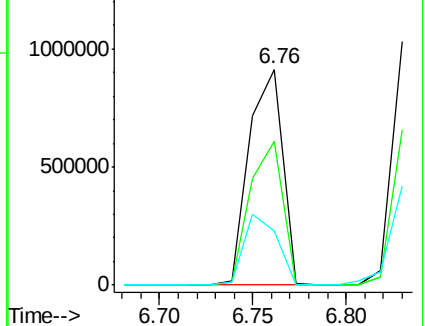
75 25.0 23.6 35.4

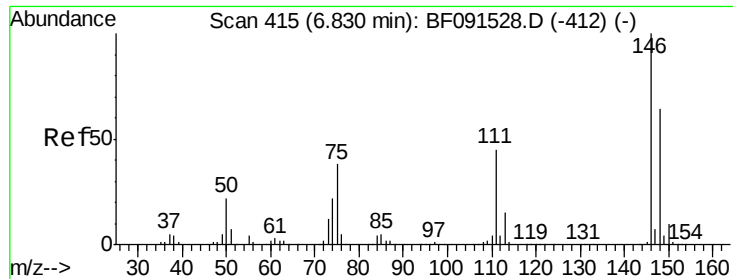


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

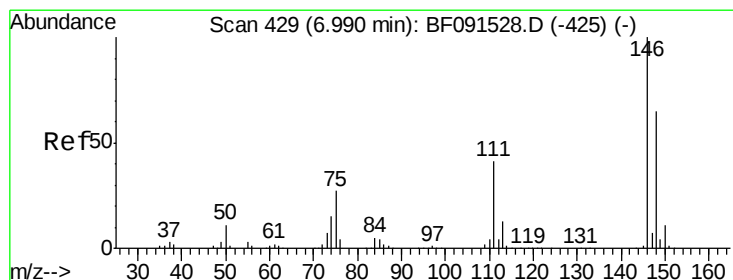
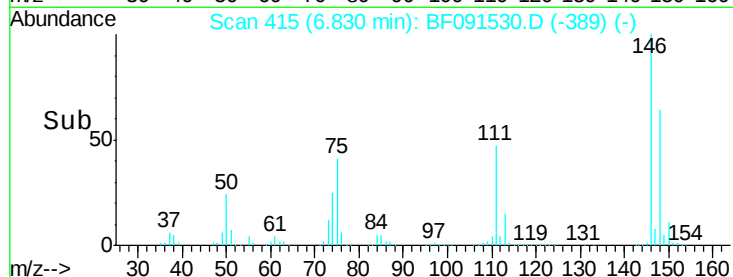
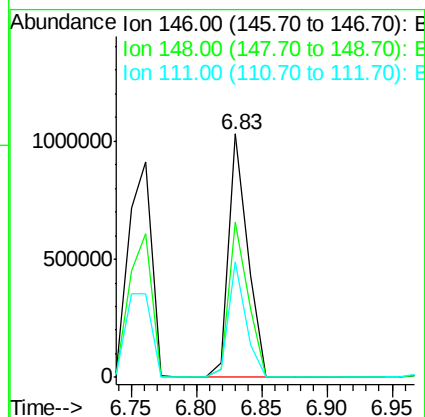
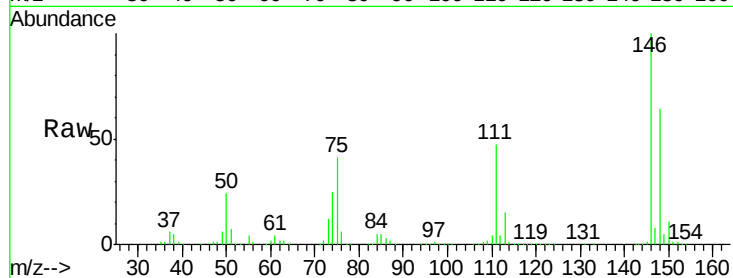




#13
 1,4-Dichlorobenzene
 Concen: 49.70 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

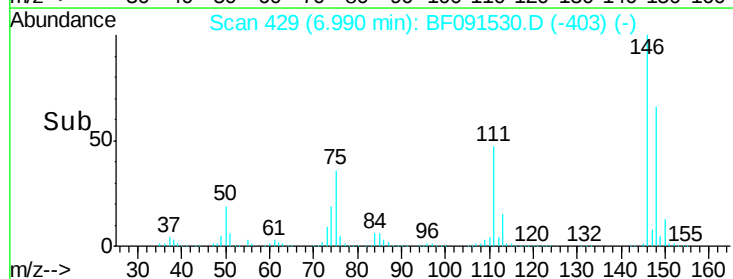
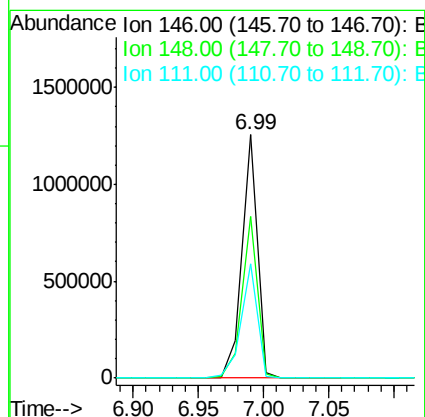
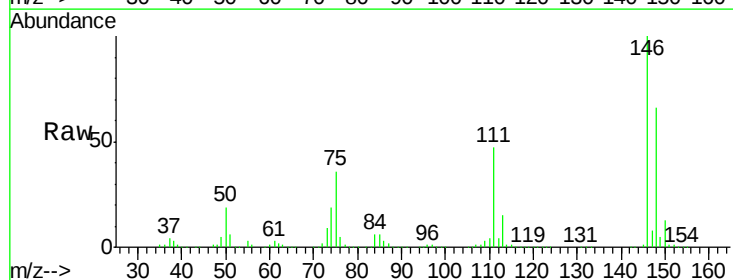
Instrument :
 BNA_F
 ClientSampleId :

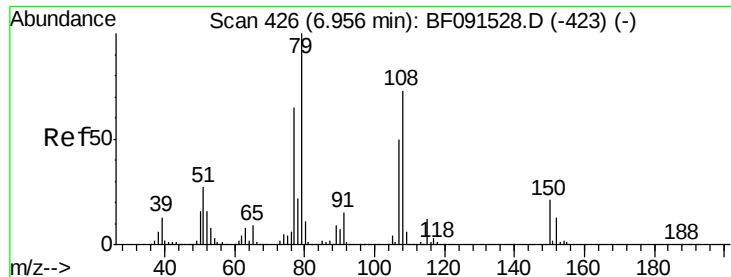
Tot Ion:146 Resp: 1045734
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 111 47.5 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 52.11 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion:146 Resp: 1021167
 Ion Ratio Lower Upper
 146 100
 148 66.2 51.0 76.6
 111 46.8 38.9 58.3





#15

Benzyl Alcohol

Concen: 53.61 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampled :

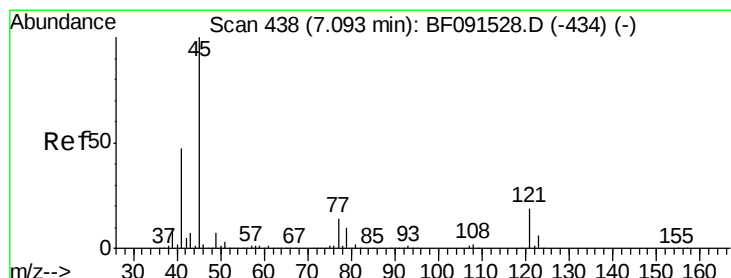
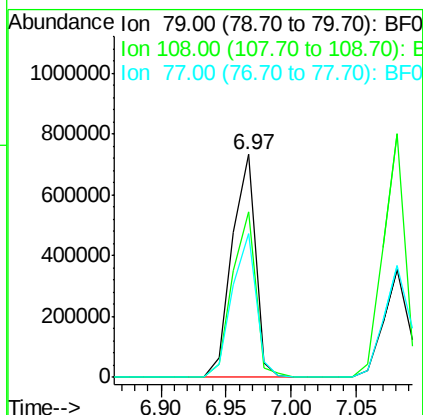
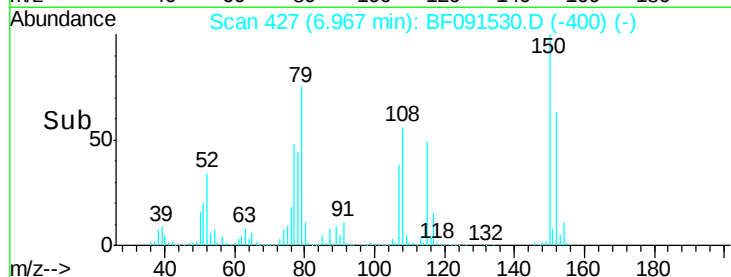
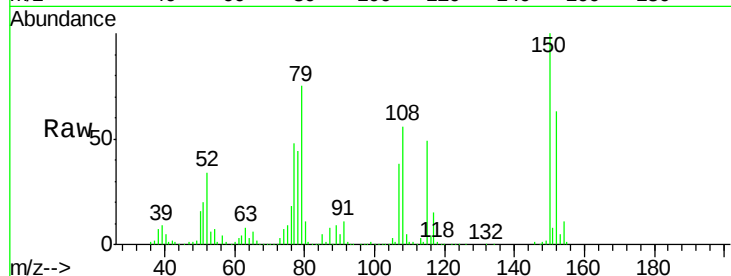
Tot Ion: 79 Resp: 916000

Ion Ratio Lower Upper

79 100

108 74.4 62.7 94.1

77 64.4 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.39 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

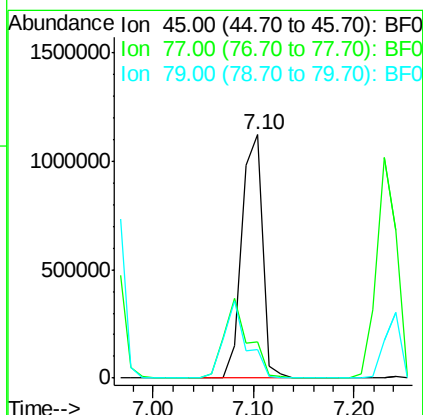
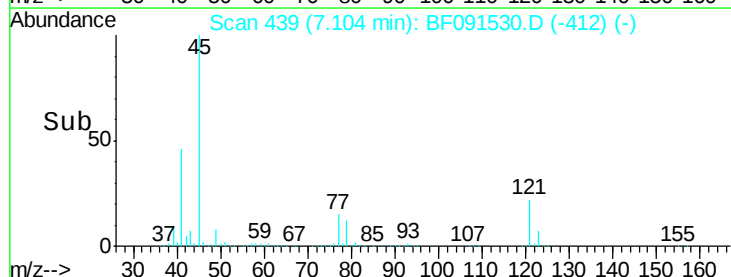
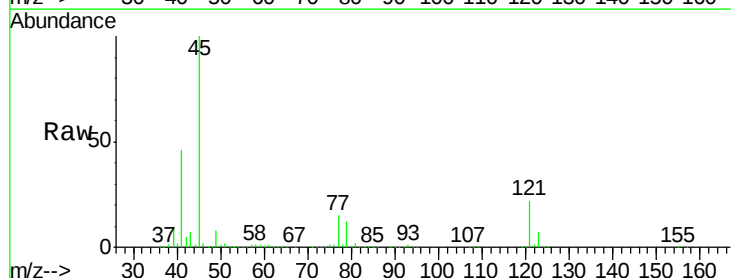
Tgt Ion: 45 Resp: 1597672

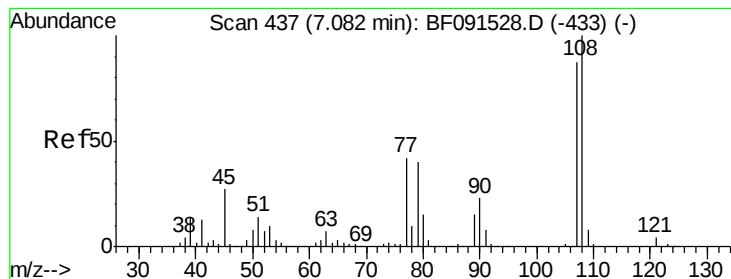
Ion Ratio Lower Upper

45 100

77 14.7 3.8 43.8

79 11.5 0.2 40.2

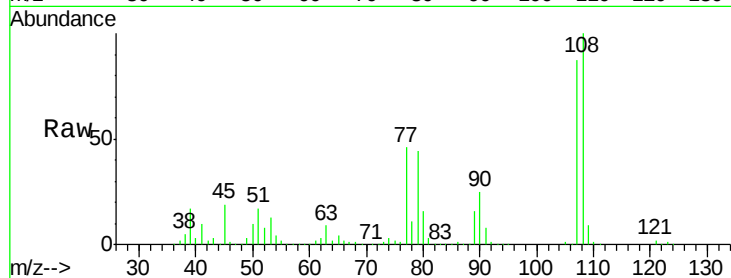




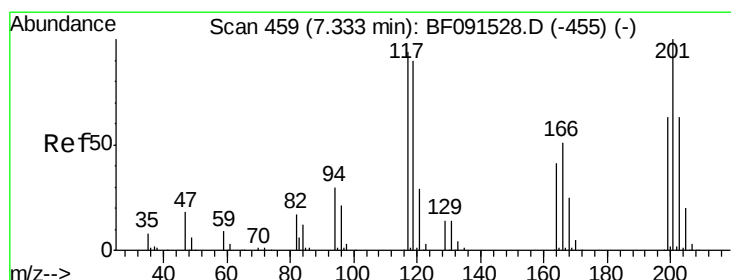
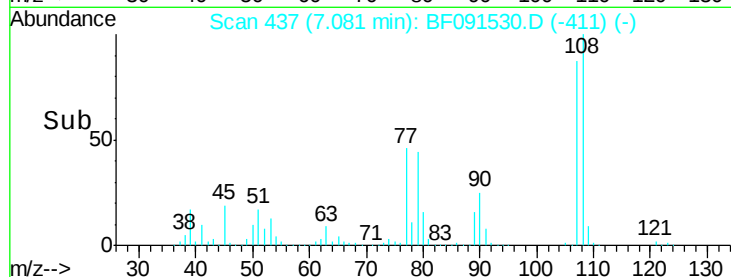
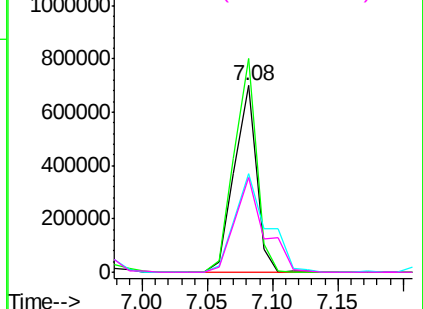
#17
2-Methylphenol
Concen: 54.99 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 826503
Ion Ratio Lower Upper
107 100
108 114.3 67.7 101.5#
77 52.5 40.7 61.1
79 50.7 23.4 35.2#

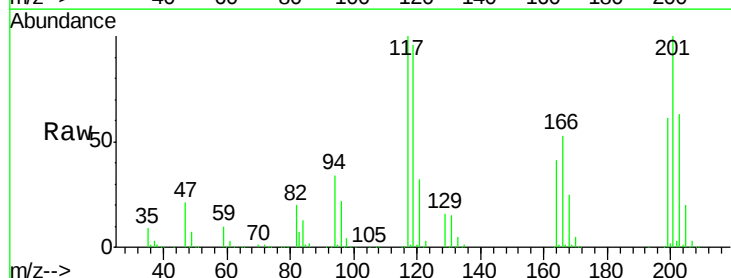


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

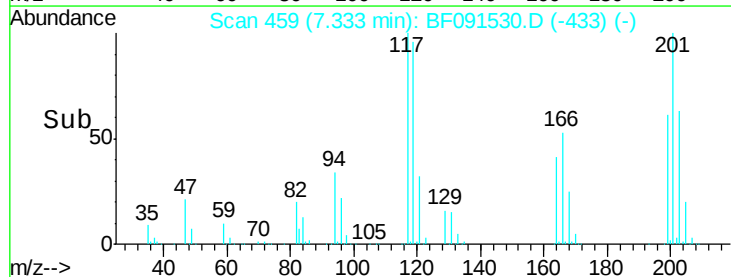
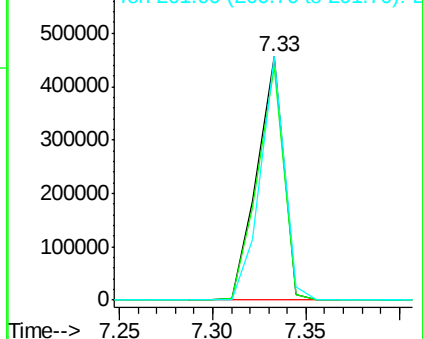


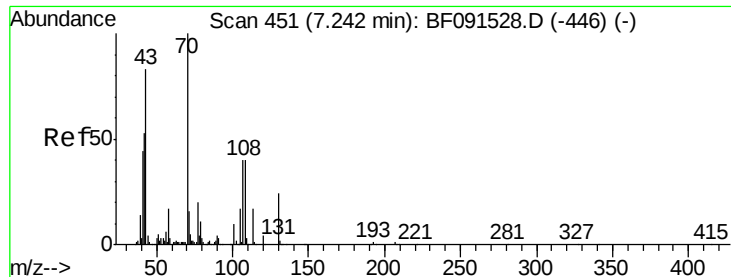
#18
Hexachloroethane
Concen: 60.00 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion:117 Resp: 448265
Ion Ratio Lower Upper
117 100
119 96.1 78.6 118.0
201 100.1 86.7 130.1



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

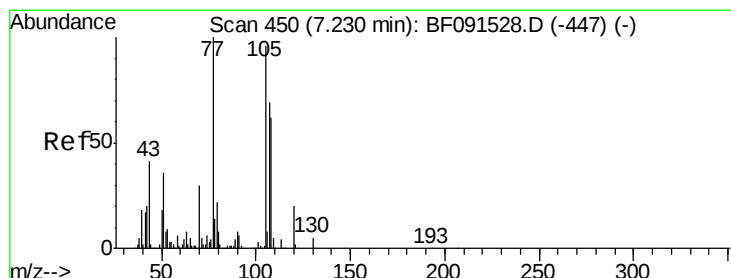
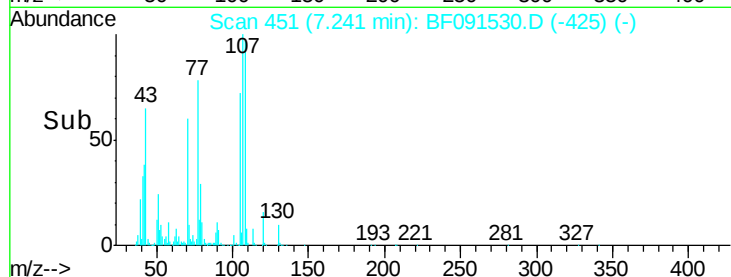
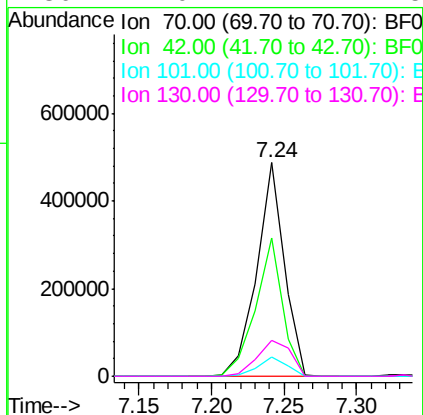
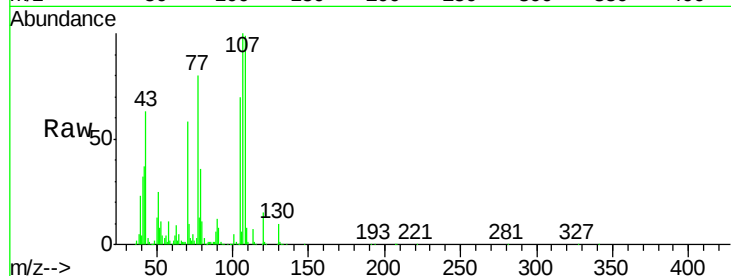




#19
n-Nitroso-di-n-propylamine
Concen: 47.86 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

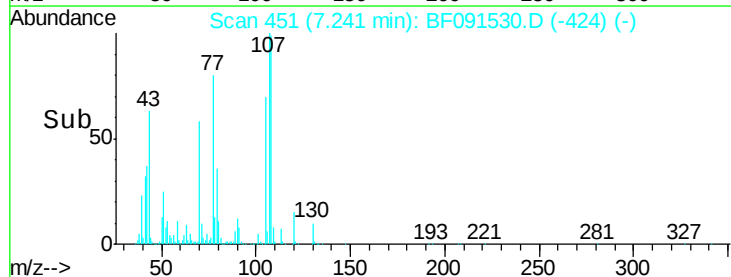
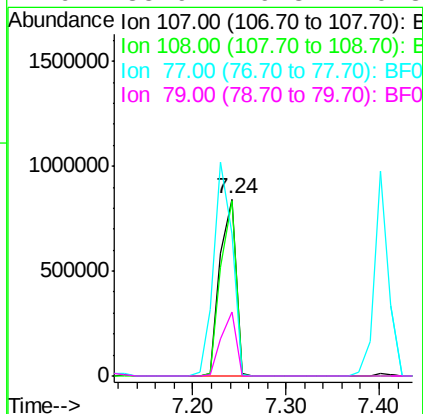
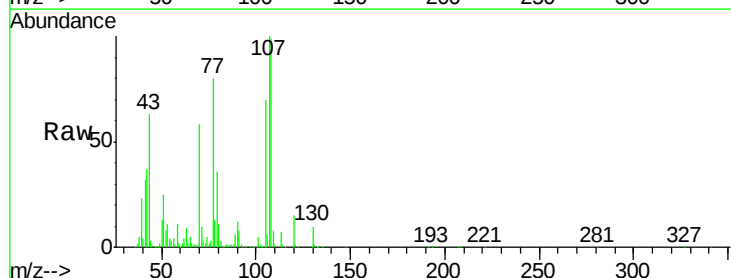
Instrument :
BNA_F
ClientSampleId :

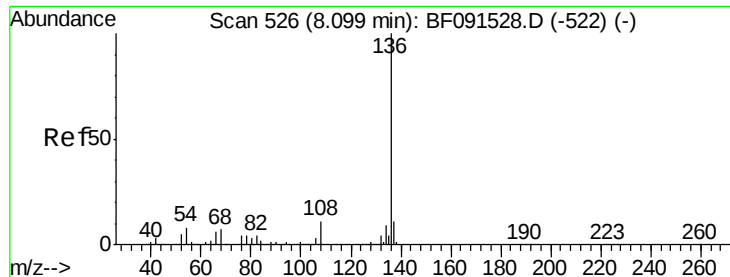
Tot Ion: 70 Resp: 643705
Ion Ratio Lower Upper
70 100
42 64.5 64.8 97.2#
101 8.7 6.2 9.4
130 17.0 11.7 17.5



#20
3+4-Methylphenols
Concen: 54.79 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.01 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion:107 Resp: 1005411
Ion Ratio Lower Upper
107 100
108 99.1 64.6 104.6
77 80.3 30.9 70.9#
79 35.9 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: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 1068626

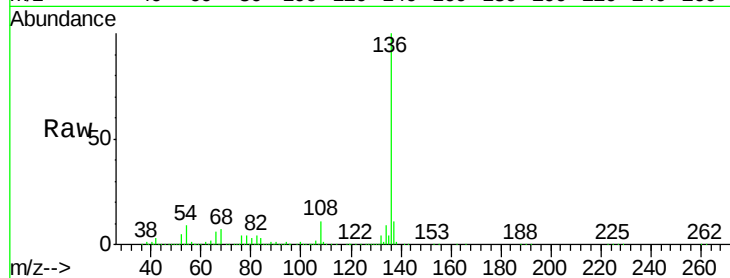
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.2 9.1 13.7

68 6.6 5.9 8.9

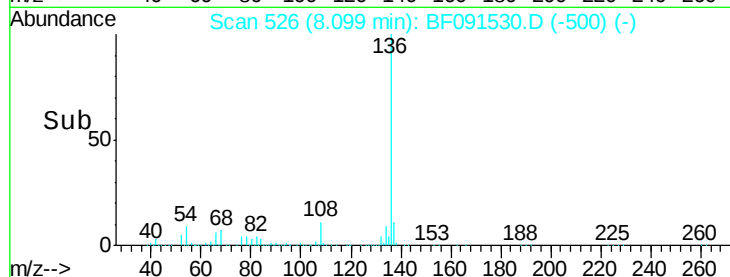


Abundance Ion 136.00 (135.70 to 136.70): E

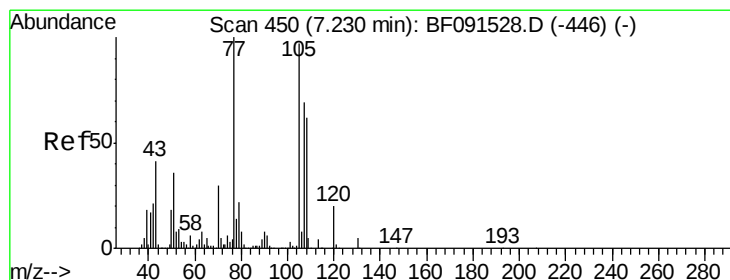
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.00 8.05 8.10 8.15 8.20



#22

Acetophenone

Concen: 54.01 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Tgt Ion:105 Resp: 1367988

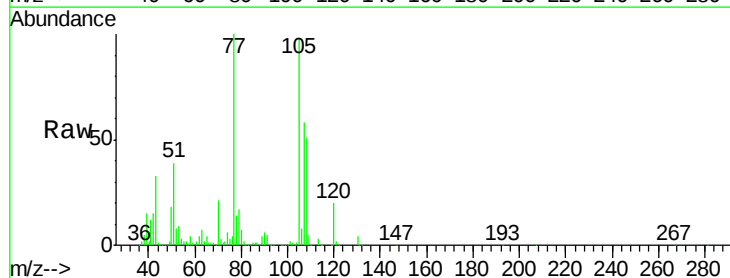
Ion Ratio Lower Upper

105 100

71 3.4 7.9 11.9#

51 39.8 24.5 36.7#

120 20.9 16.6 24.8

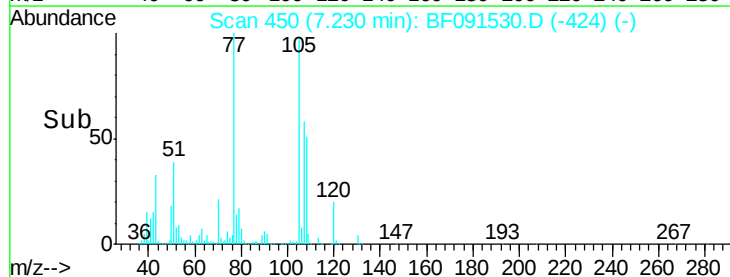


Abundance Ion 105.00 (104.70 to 105.70): E

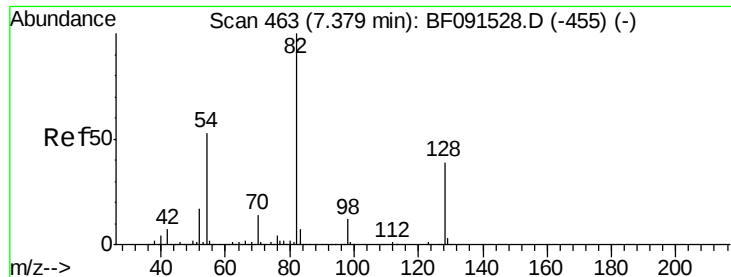
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



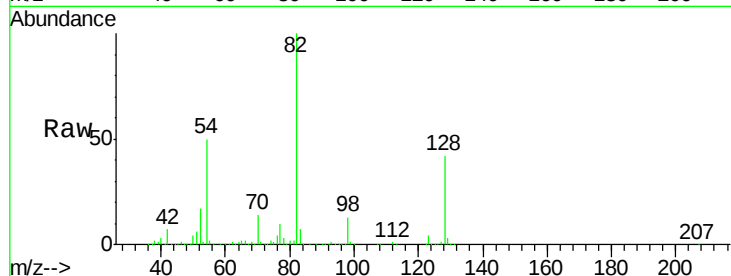
Time--> 7.20 7.30 7.40



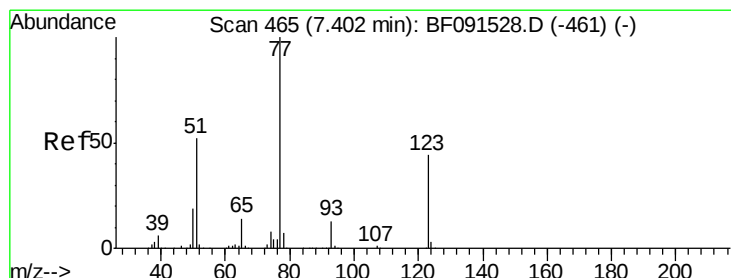
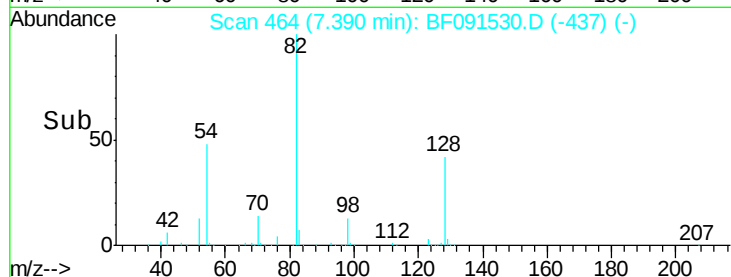
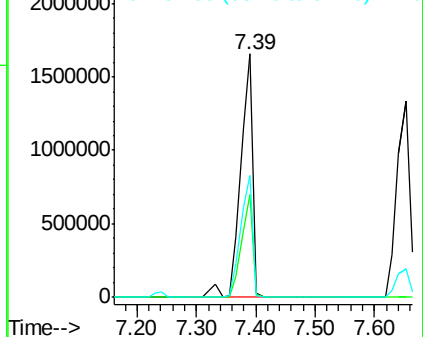
#23
Nitrobenzene-d5
Concen: 122.59 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.01 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 2337614
Ion Ratio Lower Upper
82 100
128 42.0 31.8 47.6
54 50.4 49.1 73.7

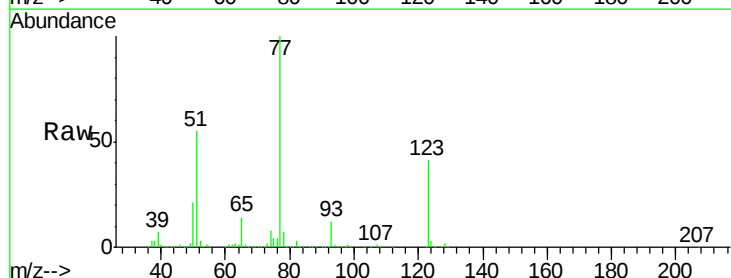


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

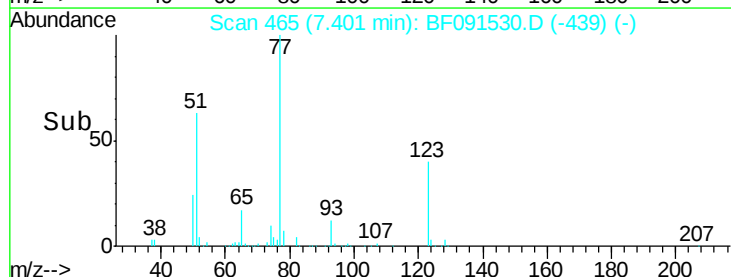
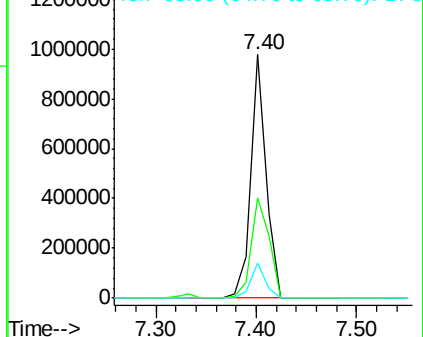


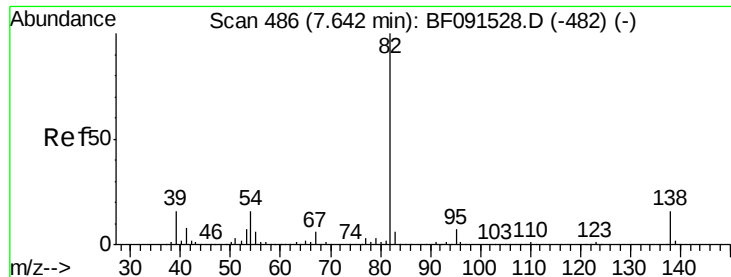
#24
Nitrobenzene
Concen: 52.74 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion: 77 Resp: 1029534
Ion Ratio Lower Upper
77 100
123 41.3 28.5 42.7
65 14.3 12.5 18.7



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





#25

Isophorone

Concen: 59.82 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

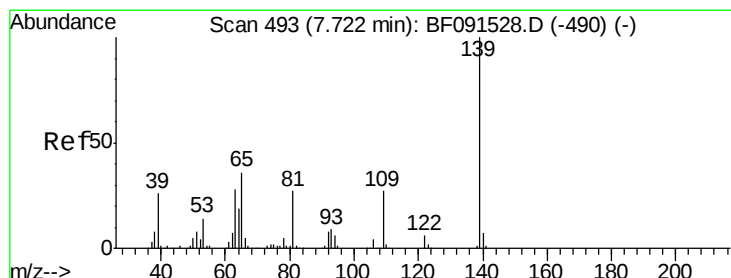
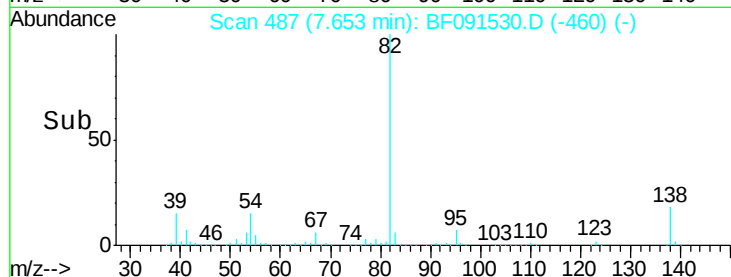
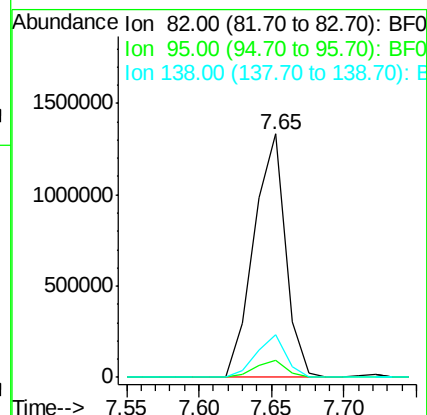
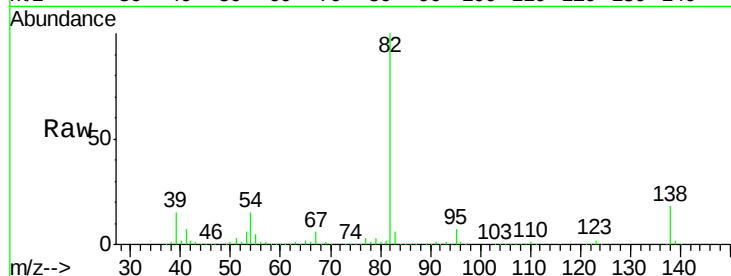
Tot Ion: 82 Resp: 2020958

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 17.7 13.4 20.0



#26

2-Nitrophenol

Concen: 65.37 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

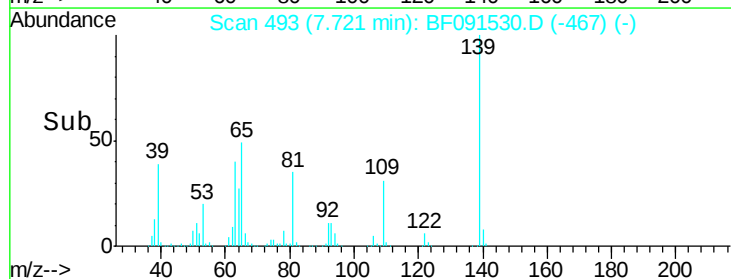
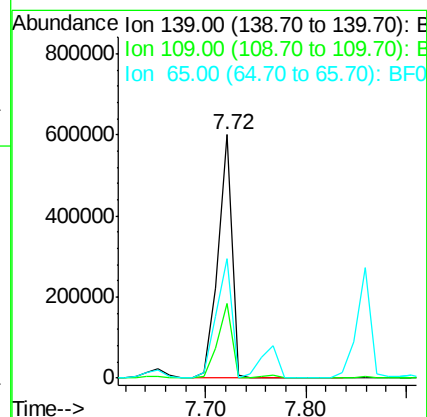
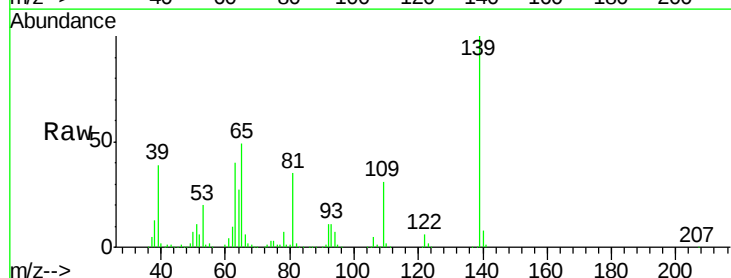
Tgt Ion: 139 Resp: 581565

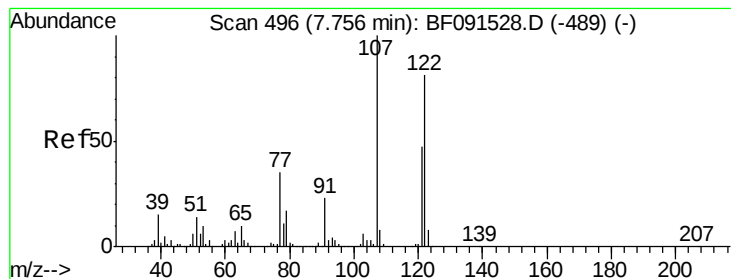
Ion Ratio Lower Upper

139 100

109 30.8 25.3 37.9

65 48.9 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 57.19 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

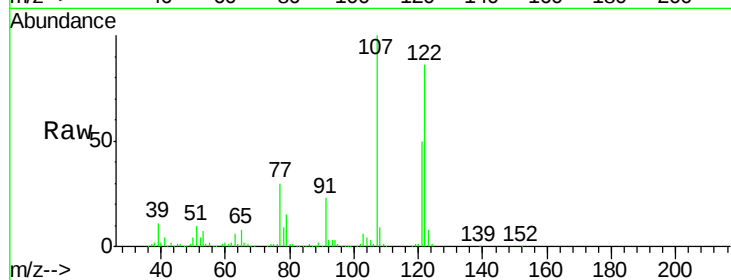
Tot Ion:122 Resp: 951900

Ion Ratio Lower Upper

122 100

107 116.4 96.8 145.2

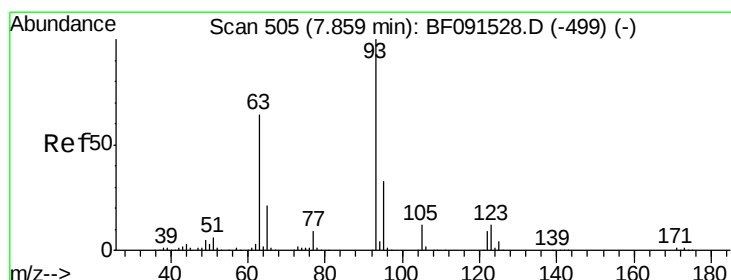
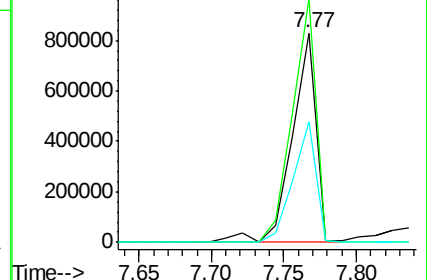
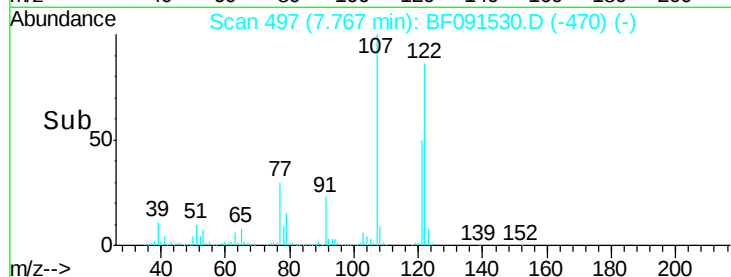
121 57.8 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 56.83 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

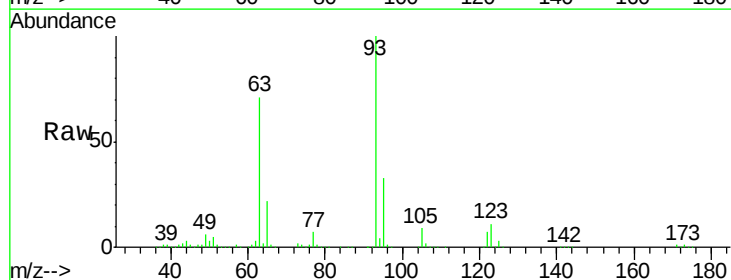
Tgt Ion: 93 Resp: 1155655

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

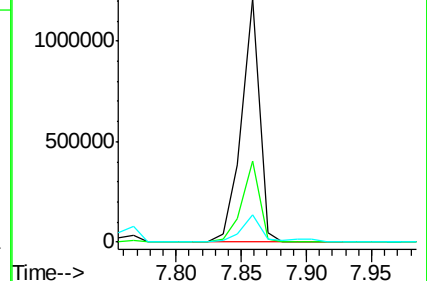
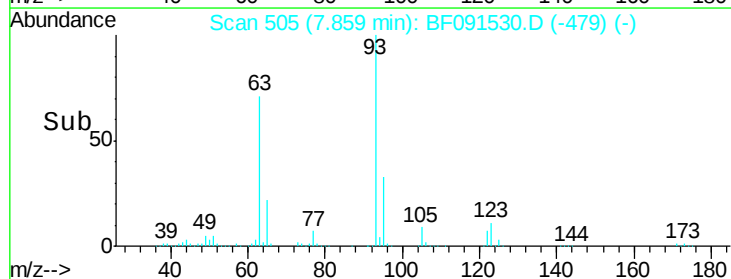
123 11.3 8.6 12.8

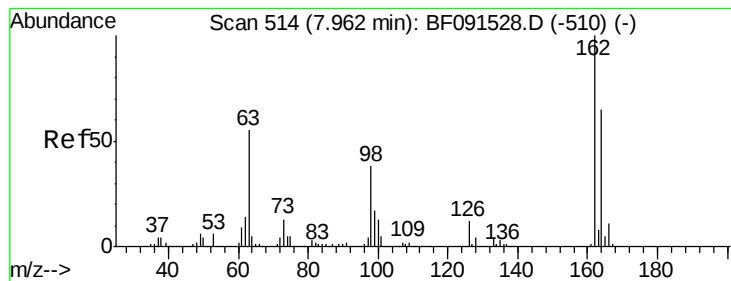


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 51.84 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

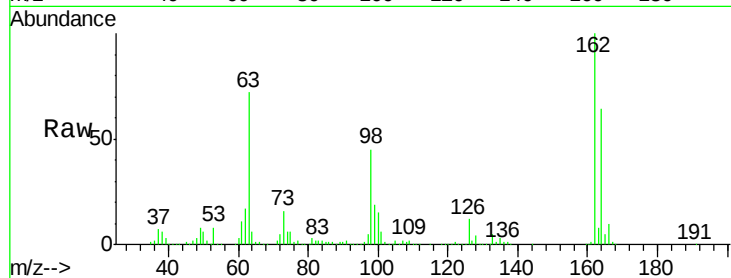
Tot Ion:162 Resp: 758958

Ion Ratio Lower Upper

162 100

164 63.6 45.0 85.0

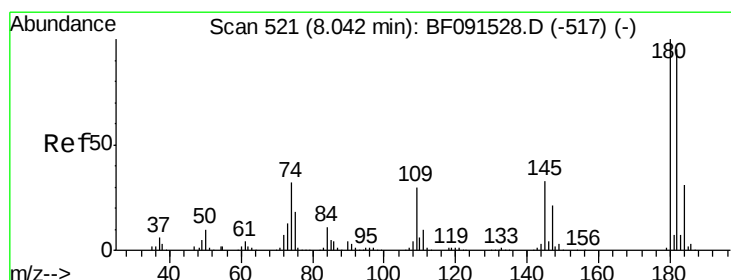
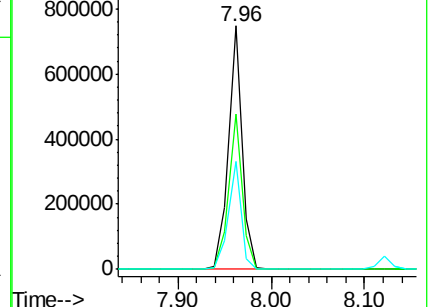
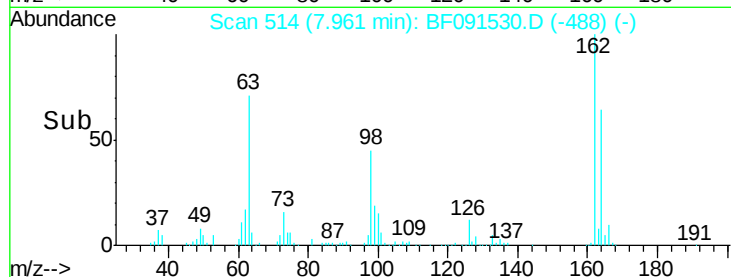
98 44.6 21.3 61.3



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: 51.13 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

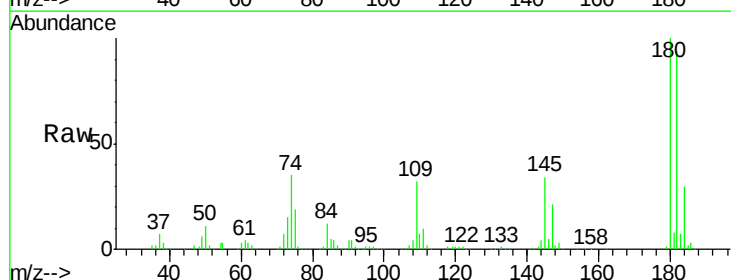
Tgt Ion:180 Resp: 839261

Ion Ratio Lower Upper

180 100

182 93.8 75.8 113.8

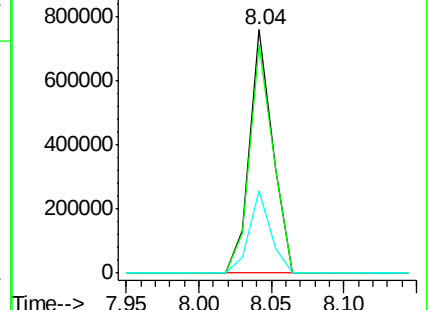
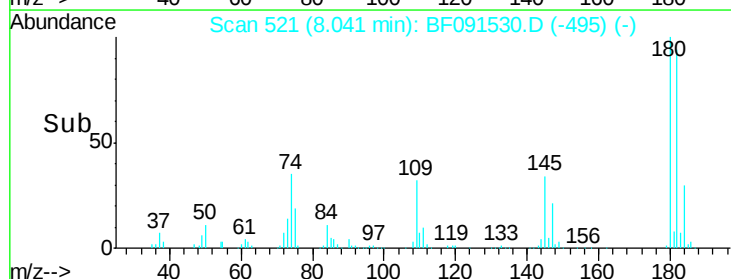
145 33.8 27.0 40.4

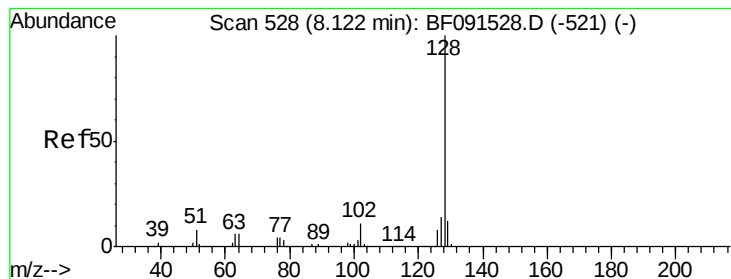


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 51.43 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

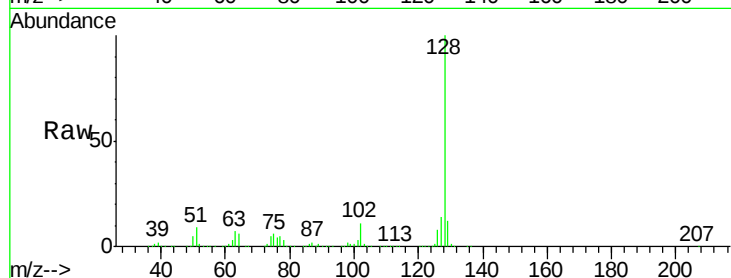
Tot Ion:128 Resp: 2612107

Ion Ratio Lower Upper

128 100

129 12.2 9.1 13.7

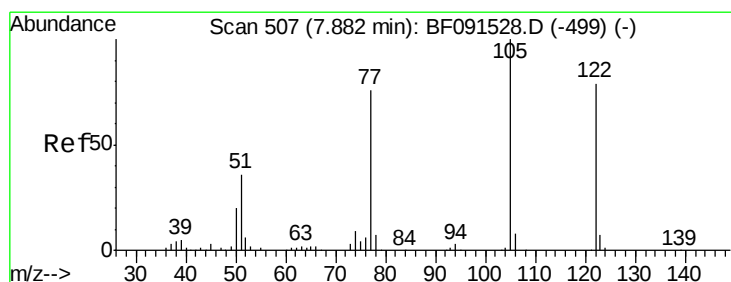
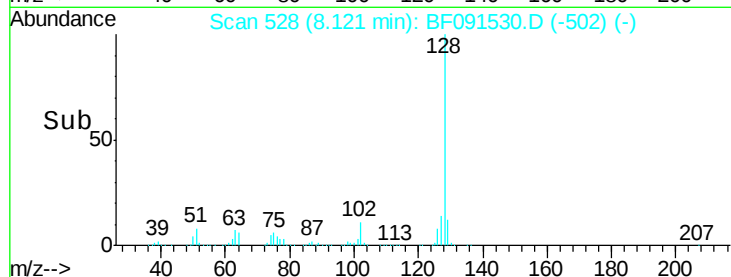
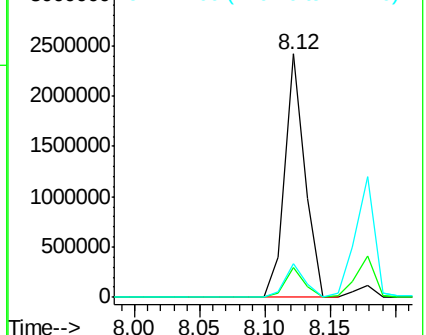
127 13.9 11.0 16.4



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: 54.68 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.02 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

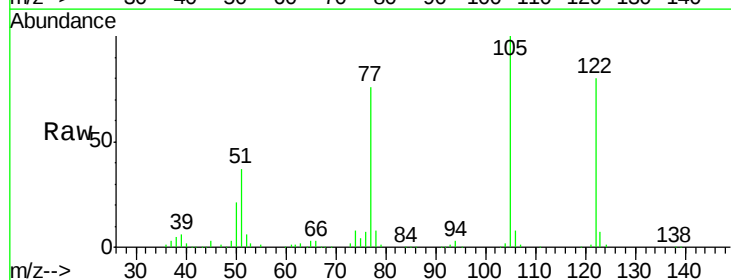
Tgt Ion:122 Resp: 670871

Ion Ratio Lower Upper

122 100

105 125.1 113.0 153.0

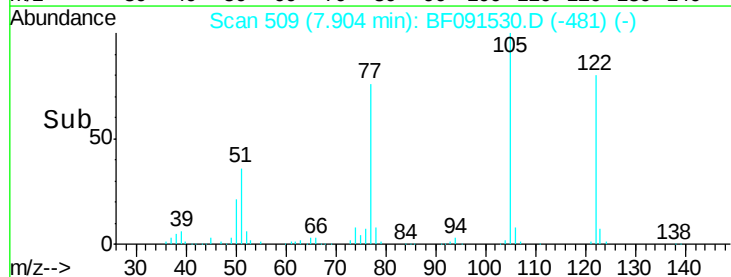
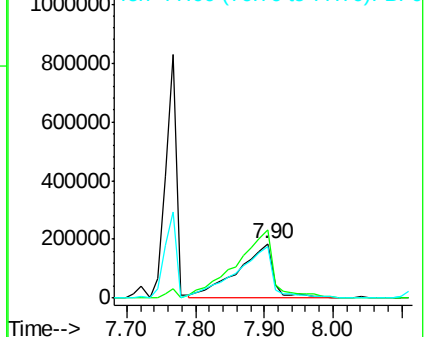
77 95.6 82.0 122.0

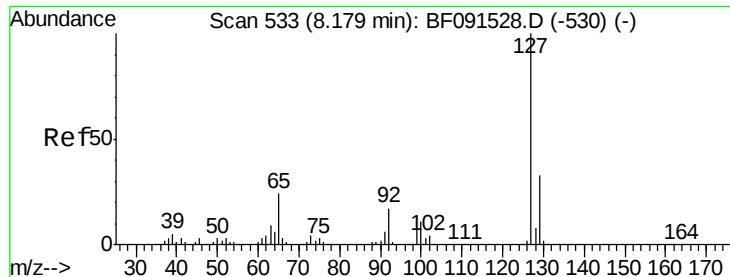


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

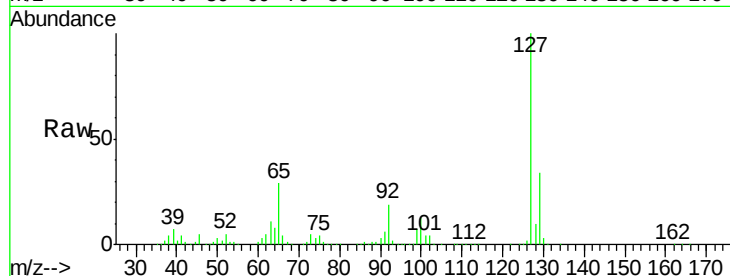




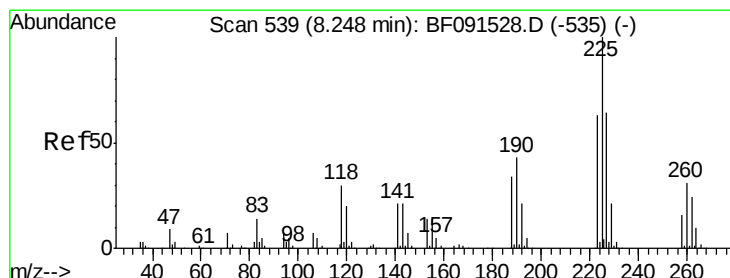
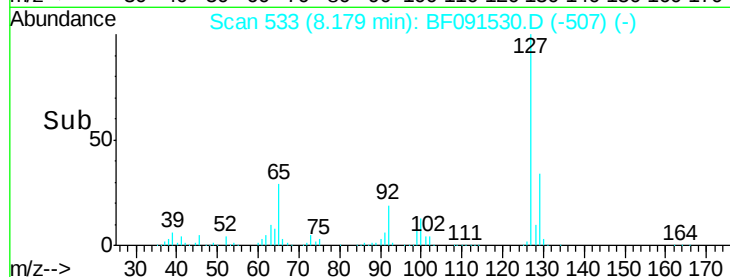
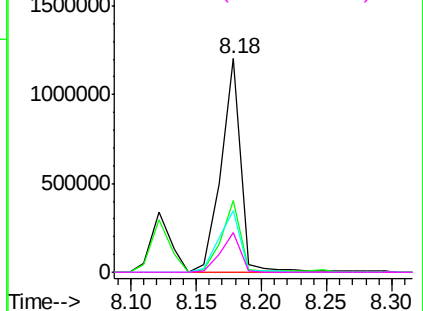
#33
4-Chloroaniline
Concen: 58.16 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1262770
Ion Ratio Lower Upper
127 100
129 33.8 26.2 39.4
65 29.1 26.6 39.8
92 18.8 15.4 23.0

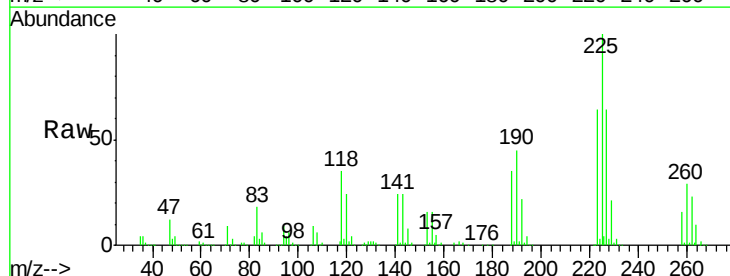


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

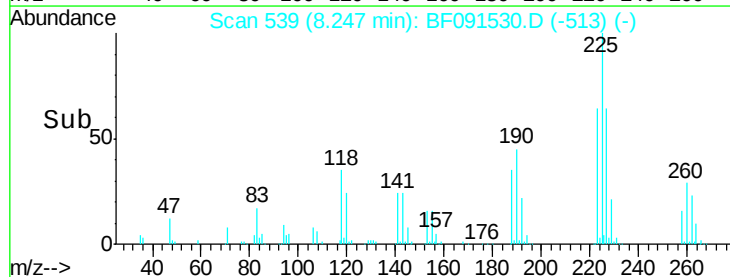
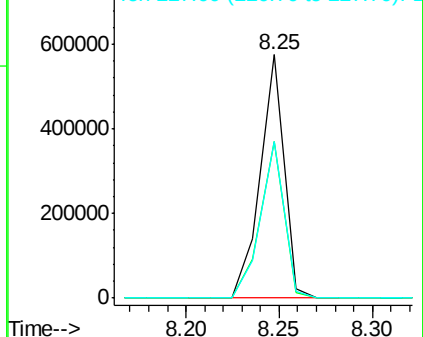


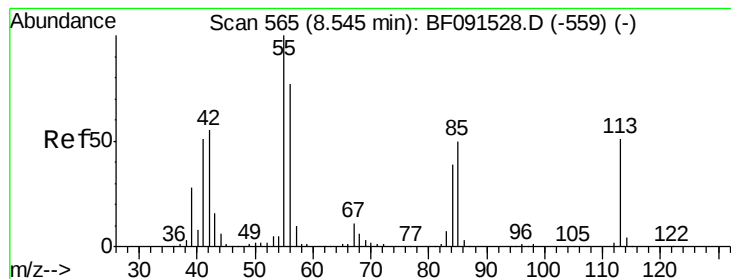
#34
Hexachlorobutadiene
Concen: 50.21 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion:225 Resp: 506758
Ion Ratio Lower Upper
225 100
223 64.1 49.8 74.6
227 64.1 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: 60.59 ng

RT: 8.57 min Scan# 567

Delta R.T. 0.02 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampled :

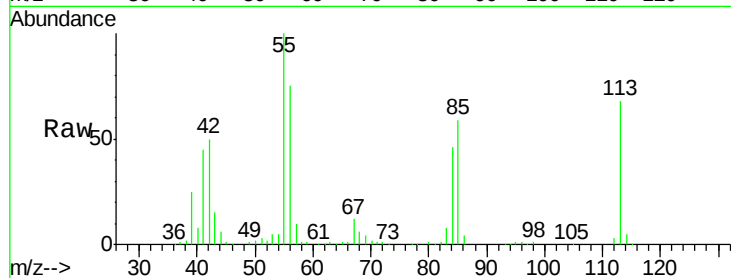
Tot Ion:113 Resp: 254990

Ion Ratio Lower Upper

113 100

55 147.7 239.8 279.8#

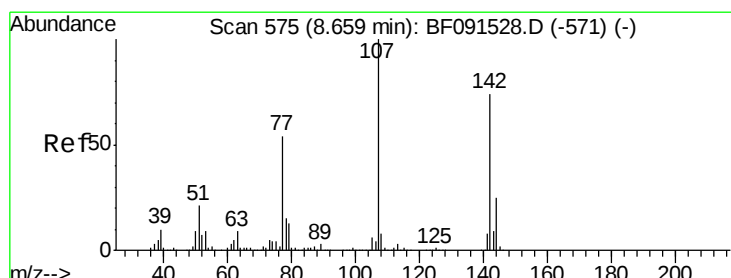
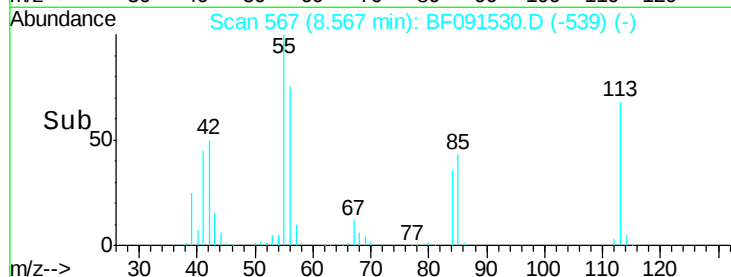
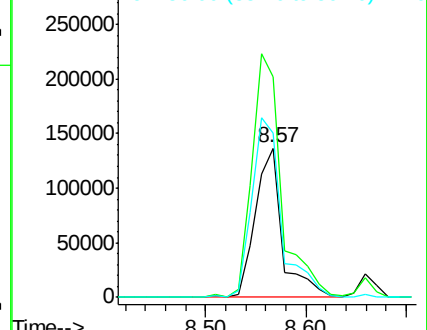
56 110.0 165.6 205.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 52.35 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

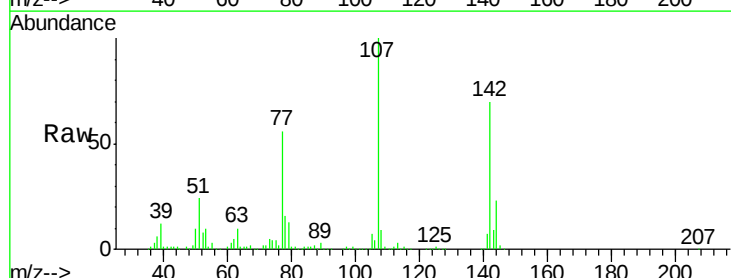
Tgt Ion:107 Resp: 827539

Ion Ratio Lower Upper

107 100

144 22.8 18.9 28.3

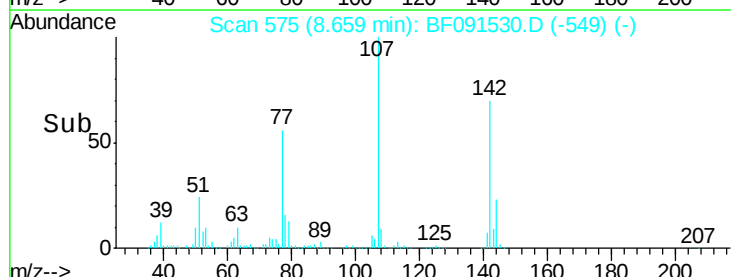
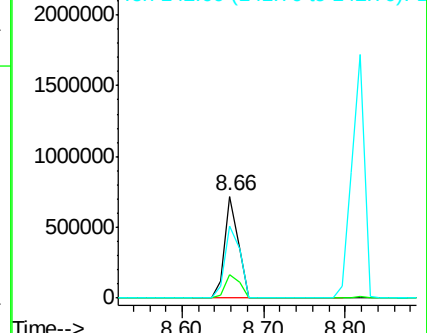
142 70.3 58.5 87.7

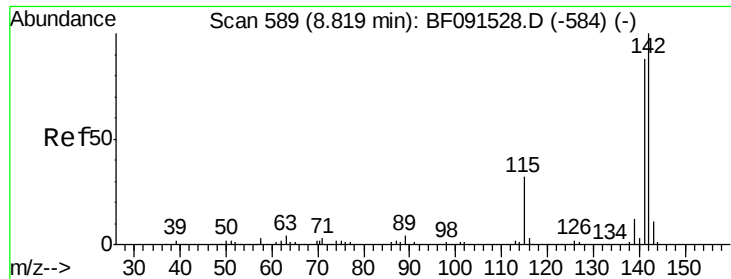


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

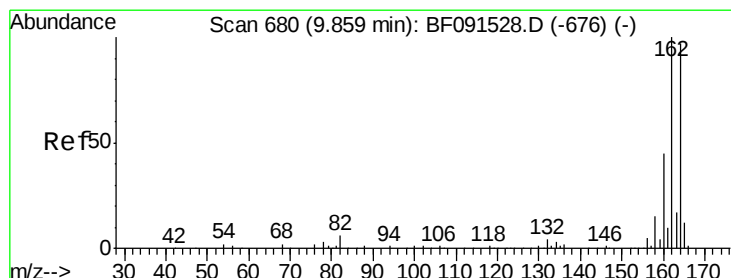
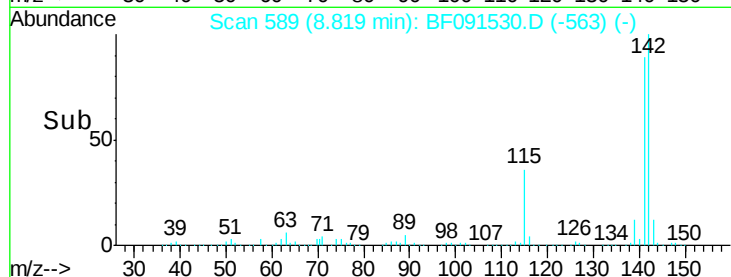
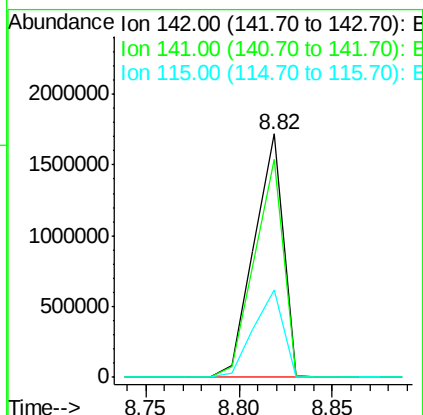
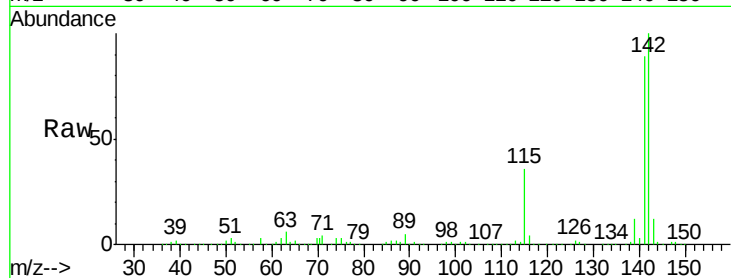




#37
2-Methylnaphthalene
Concen: 53.80 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

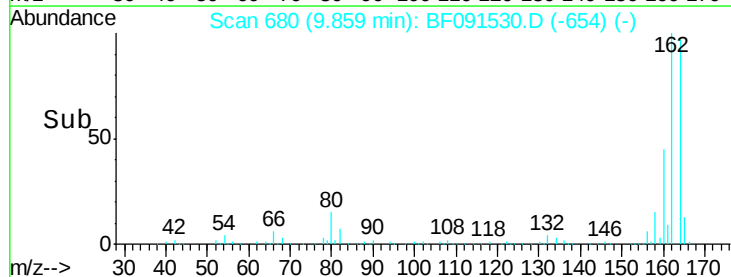
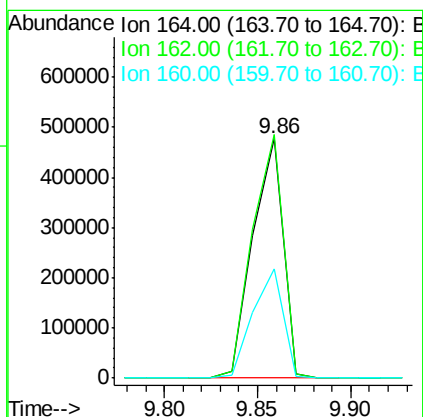
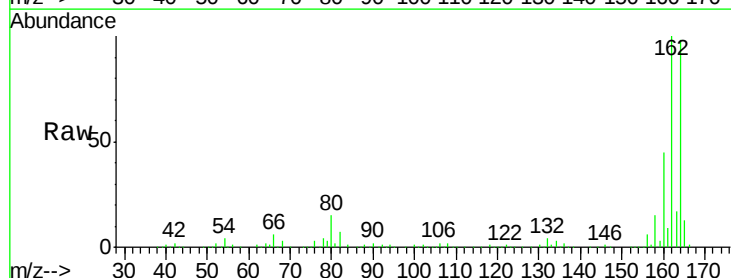
Instrument :
BNA_F
ClientSampleId :

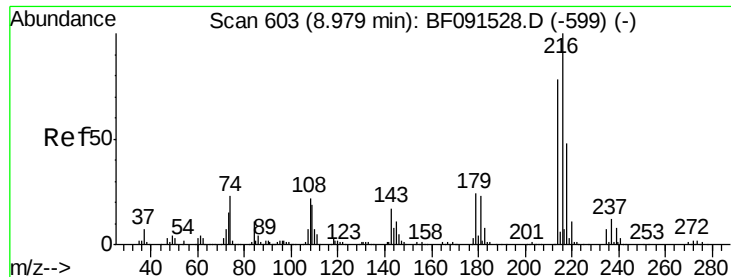
Tot Ion:142 Resp: 1856294
Ion Ratio Lower Upper
142 100
141 89.3 71.7 107.5
115 35.8 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion:164 Resp: 537923
Ion Ratio Lower Upper
164 100
162 101.6 82.6 124.0
160 45.3 36.7 55.1

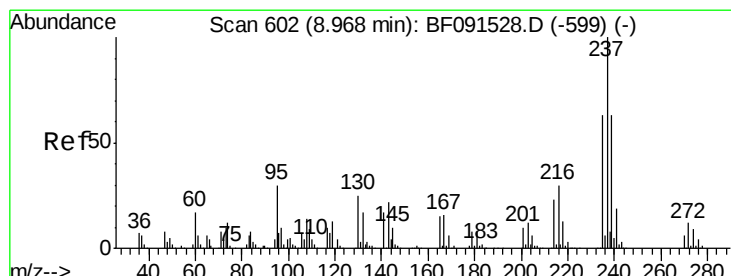
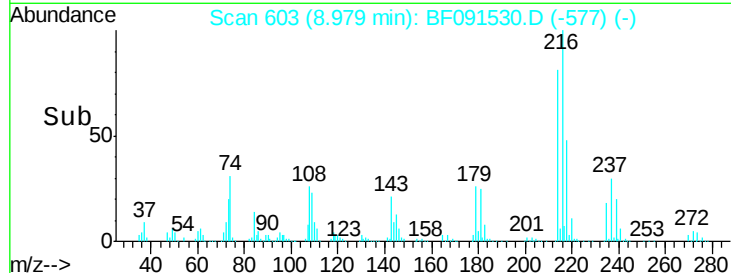
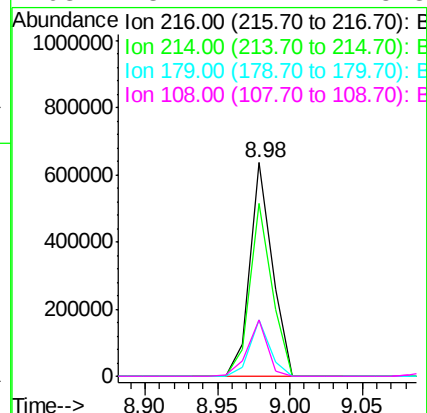
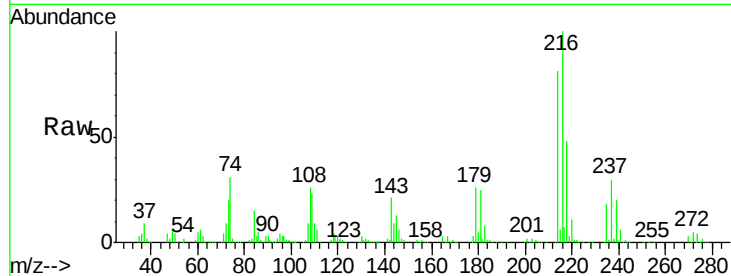




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.02 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

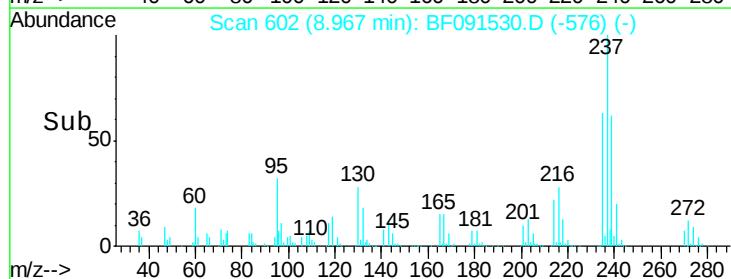
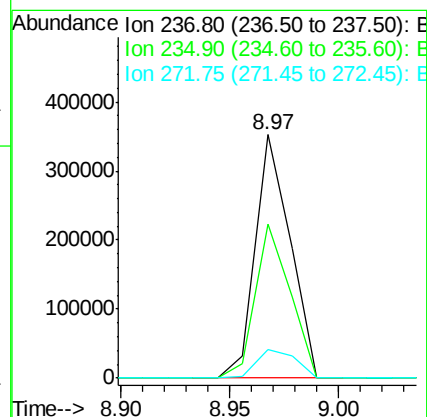
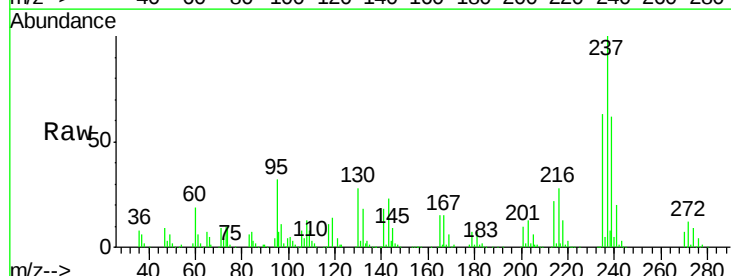
Instrument :
 BNA_F
 ClientSampled :

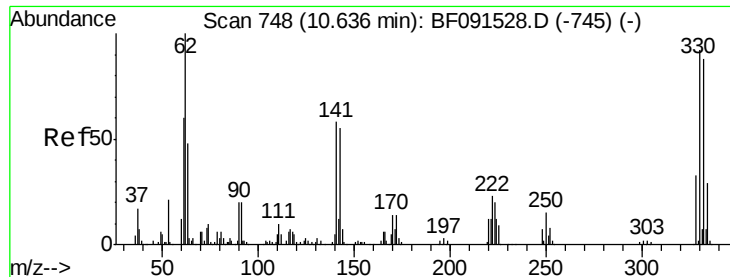
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.8
179	23.4	18.2	27.2
108	23.4	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 55.85 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.9	83.9
272	11.6	0.0	33.1

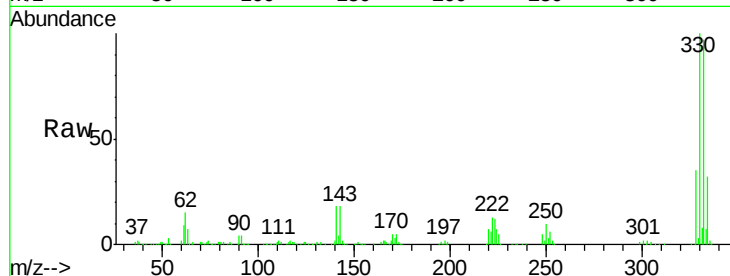




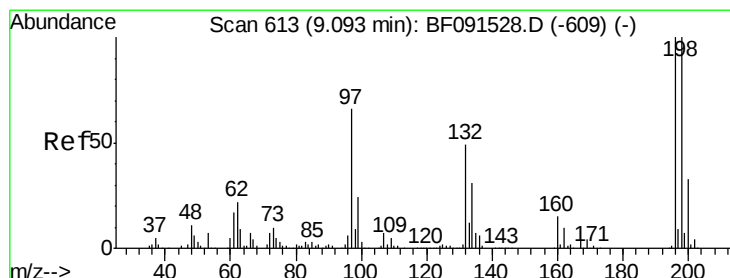
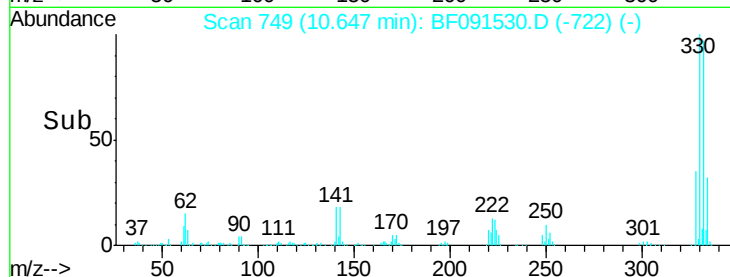
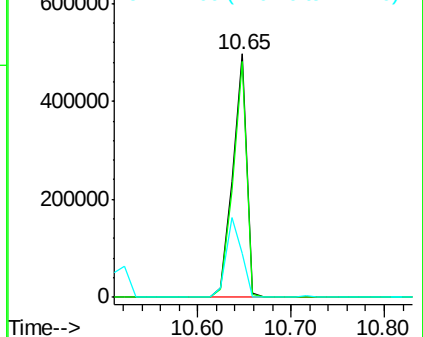
#41
 2,4,6-Tribromophenol
 Concen: 102.94 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 524241
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 36.0 33.6 50.4

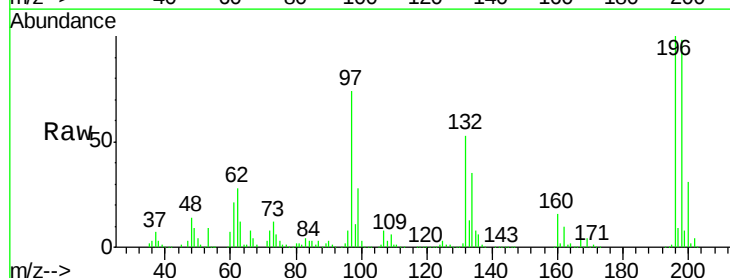


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

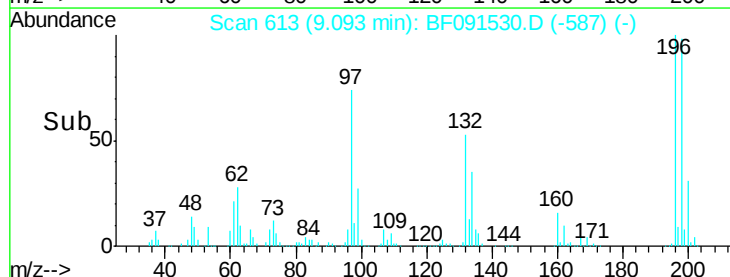
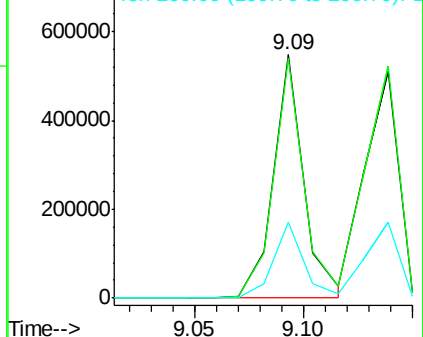


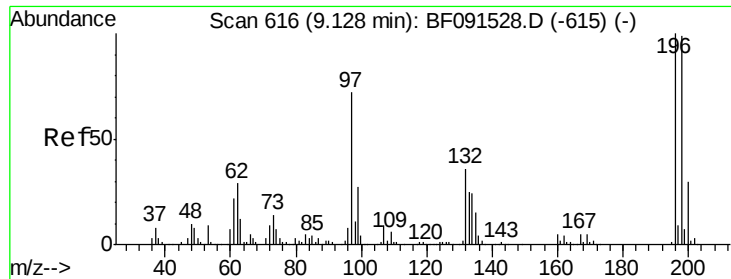
#42
 2,4,6-Trichlorophenol
 Concen: 54.71 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion:196 Resp: 539222
 Ion Ratio Lower Upper
 196 100
 198 98.4 77.4 116.0
 200 31.4 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

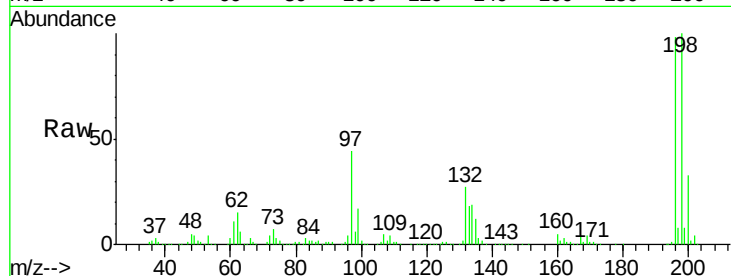




#43
 2,4,5-Trichlorophenol
 Concen: 55.61 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	101.9	77.0	115.6	
97	44.7	33.5	50.3	
132	27.2	20.5	30.7	



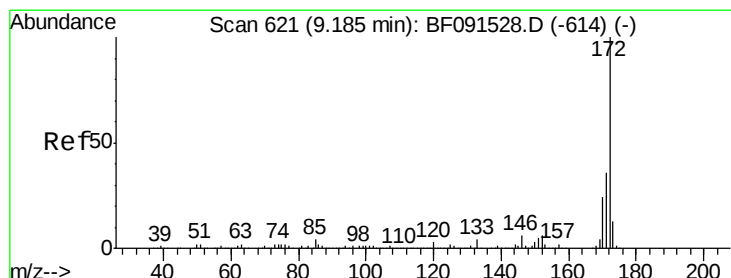
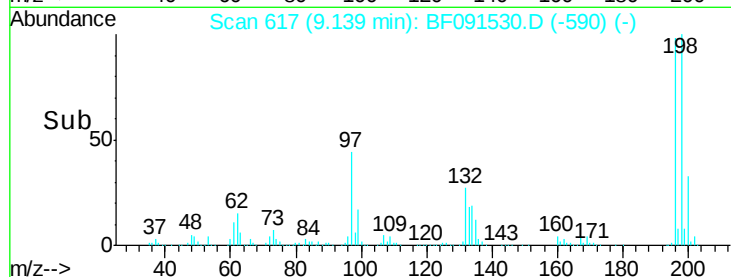
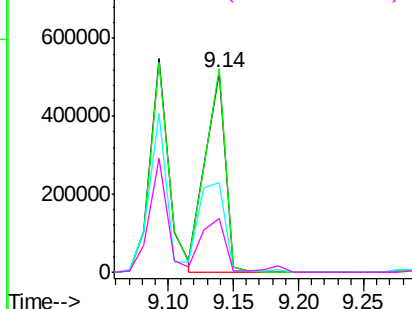
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

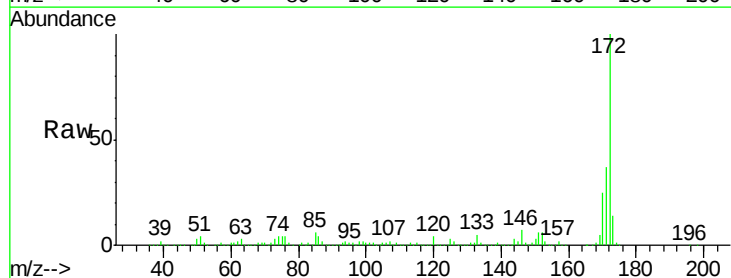
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 110.68 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.3	29.4	44.0	
170	25.5	19.7	29.5	

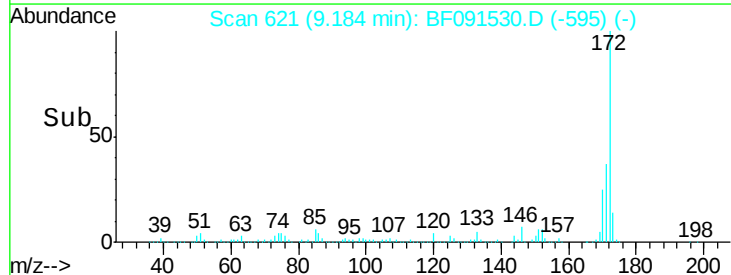
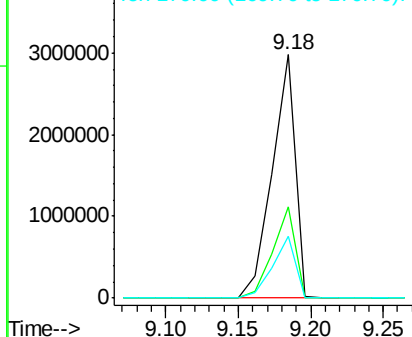


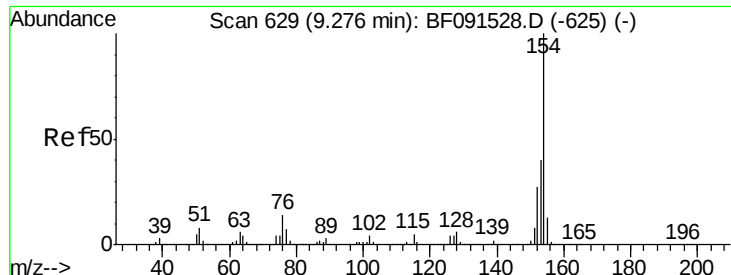
Abundance

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

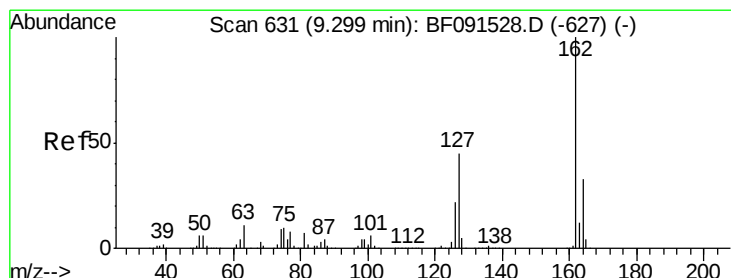
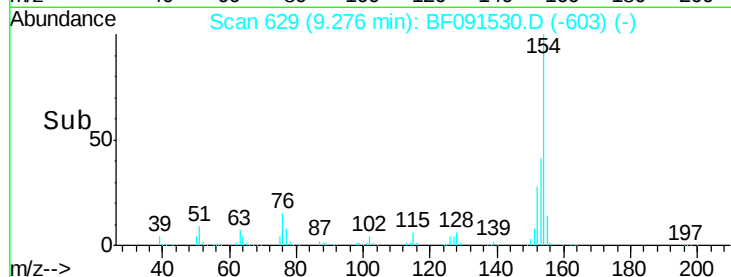
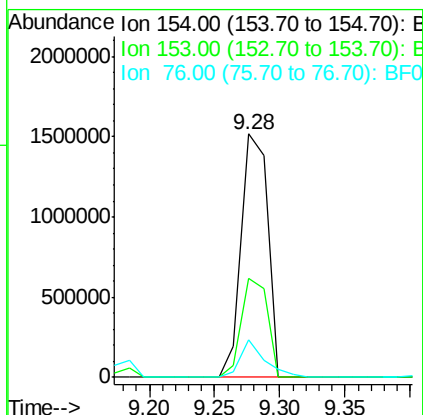
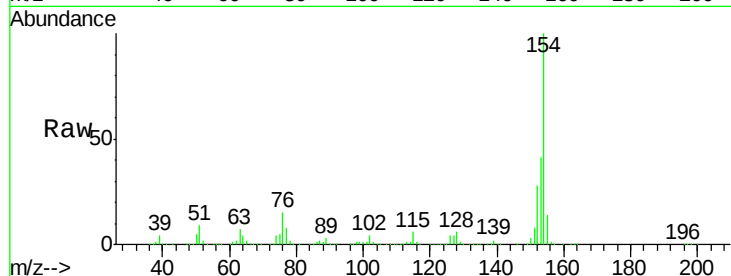




#45
 1,1'-Biphenyl
 Concen: 54.99 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

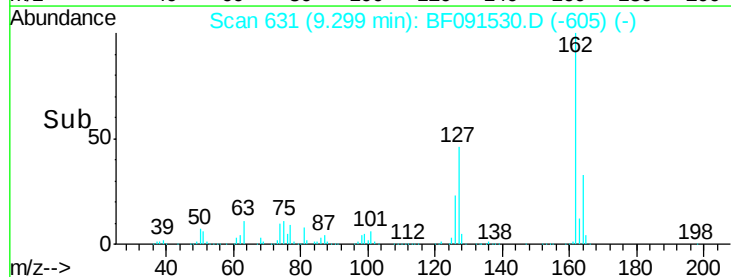
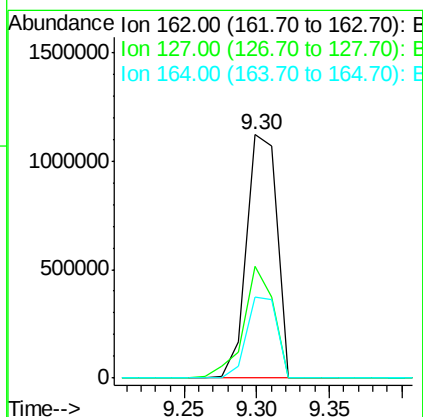
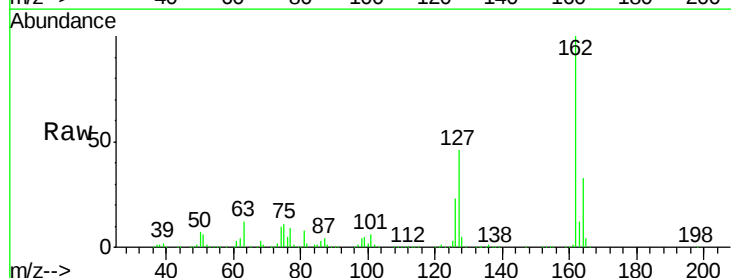
Instrument :
 BNA_F
 ClientSampleId :

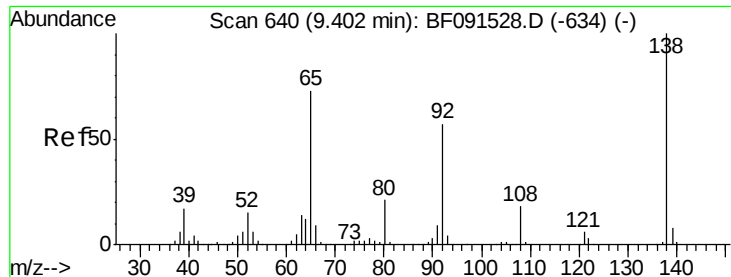
Tot Ion:154 Resp: 2126931
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.6 60.6
 76 15.3 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 56.41 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion:162 Resp: 1624826
 Ion Ratio Lower Upper
 162 100
 127 45.9 34.3 51.5
 164 33.2 26.6 40.0

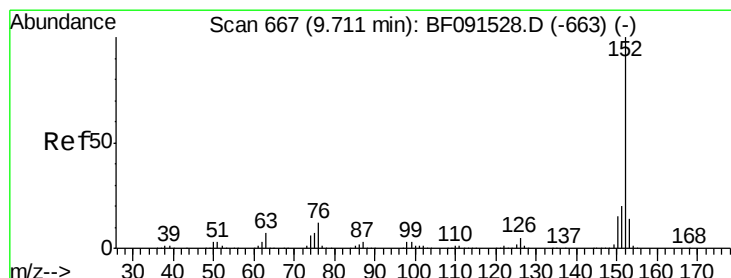
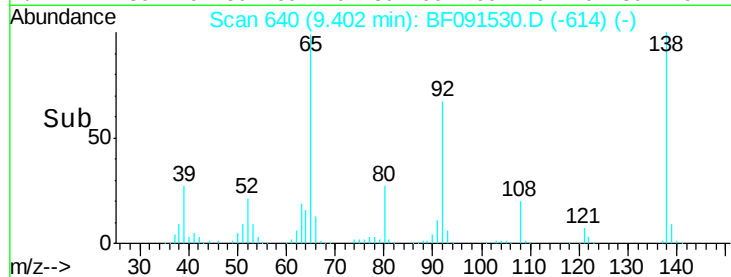
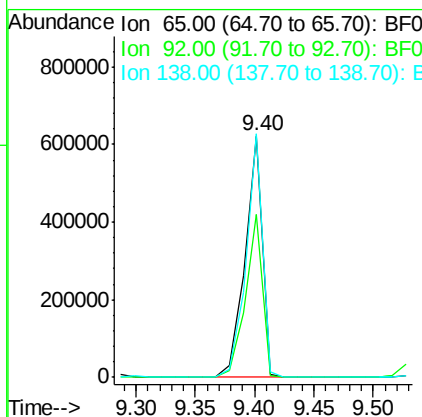
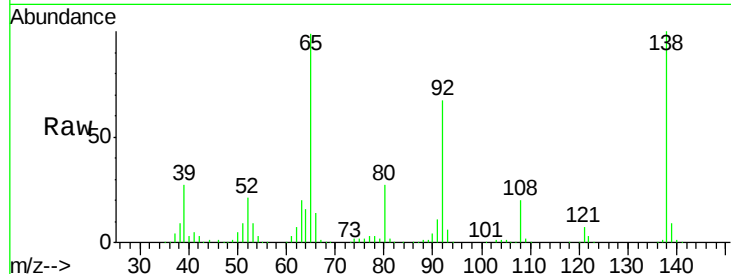




#47
 2-Nitroaniline
 Concen: 61.42 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

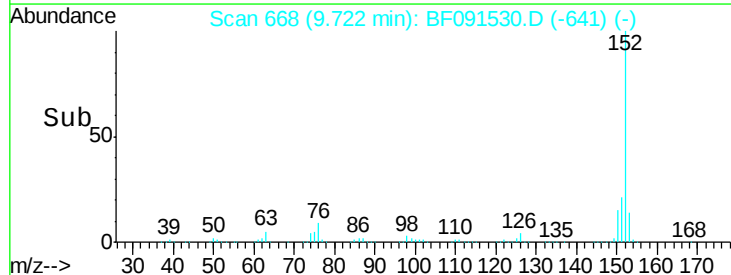
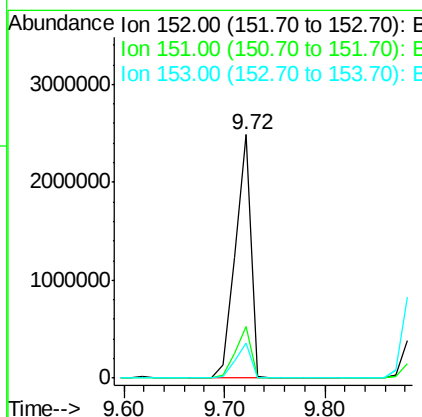
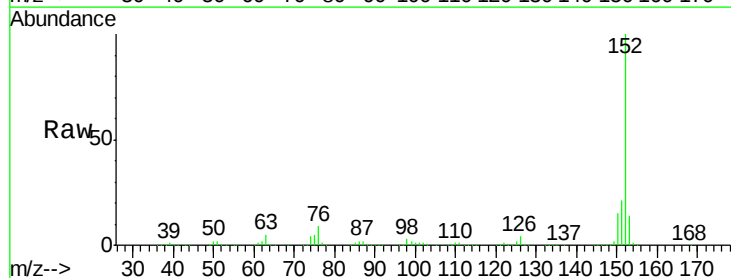
Instrument :
 BNA_F
 ClientSampleId :

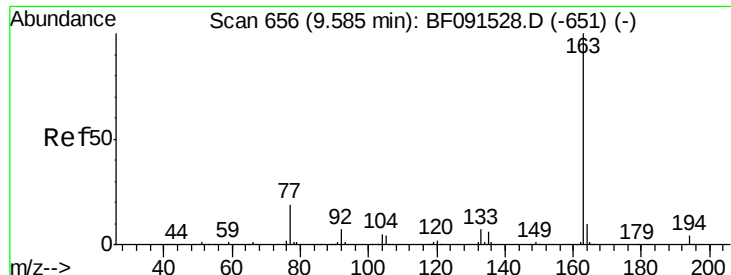
Tot Ion: 65 Resp: 635410
 Ion Ratio Lower Upper
 65 100
 92 67.7 53.6 80.4
 138 100.8 91.0 136.6



#48
 Acenaphthylene
 Concen: 58.65 ng
 RT: 9.72 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion: 152 Resp: 2659593
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.6 24.8
 153 14.2 10.7 16.1

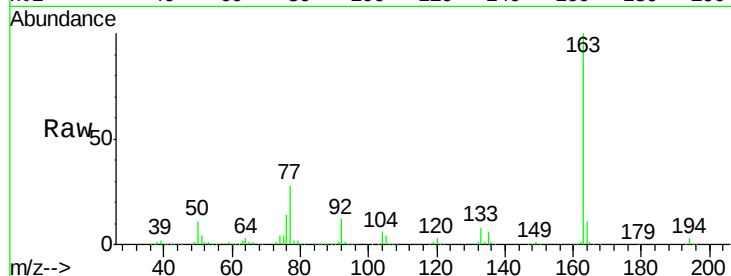




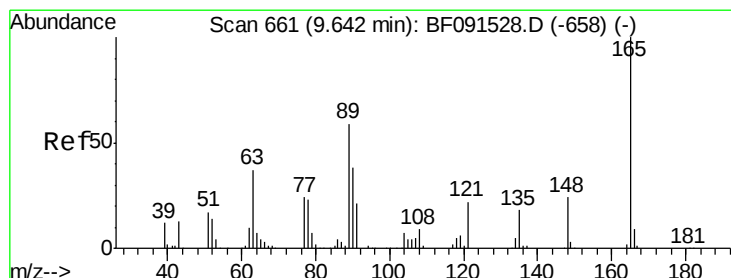
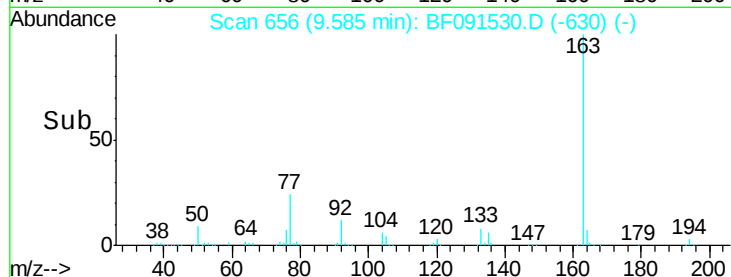
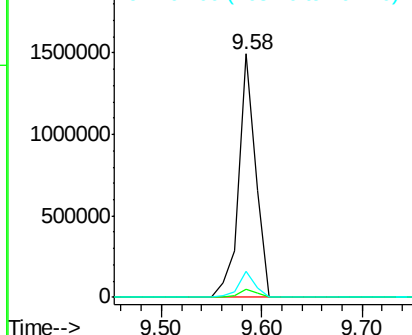
#49
Dimethylphthalate
Concen: 53.31 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1736464
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.9 7.8 11.8

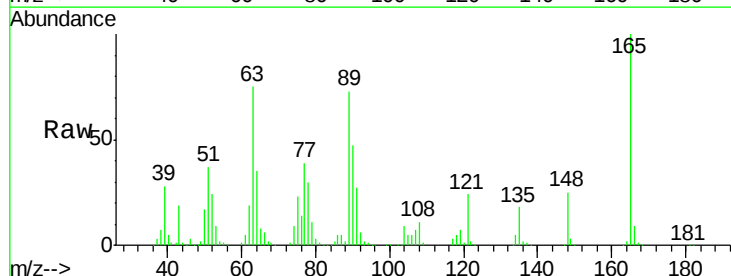


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

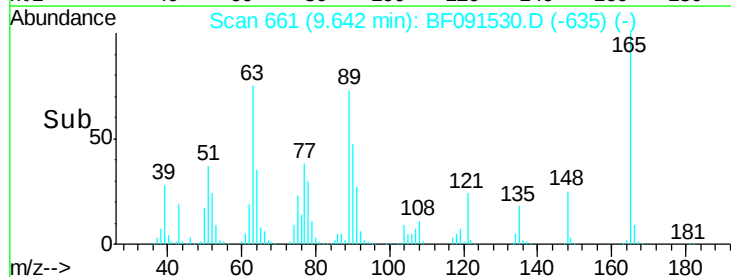
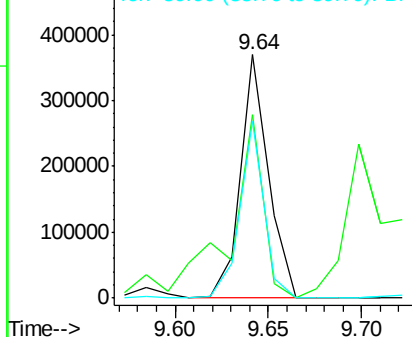


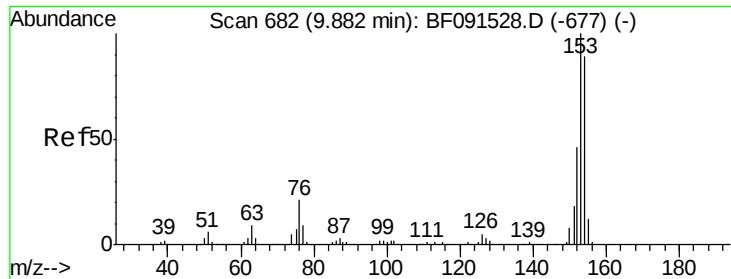
#50
2,6-Dinitrotoluene
Concen: 52.79 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion:165 Resp: 384309
Ion Ratio Lower Upper
165 100
63 75.3 59.4 89.0
89 72.7 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: 59.09 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

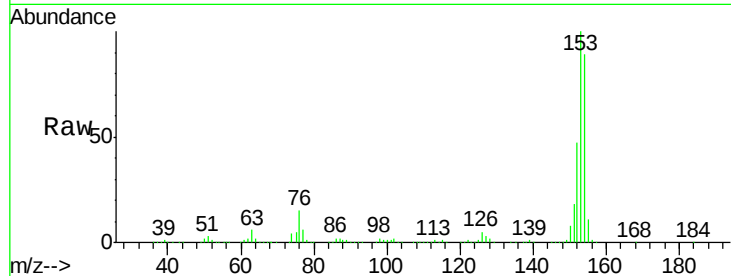
Tot Ion:154 Resp: 1807375

Ion Ratio Lower Upper

154 100

153 112.7 91.0 136.6

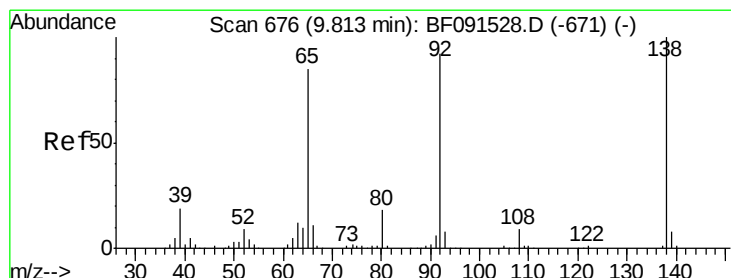
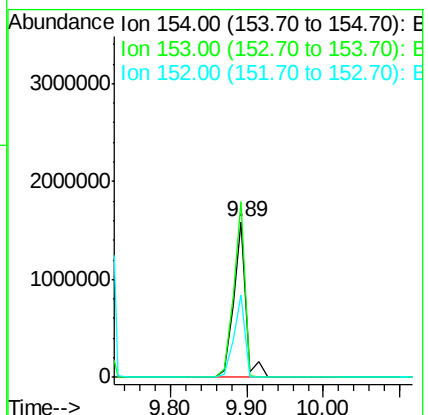
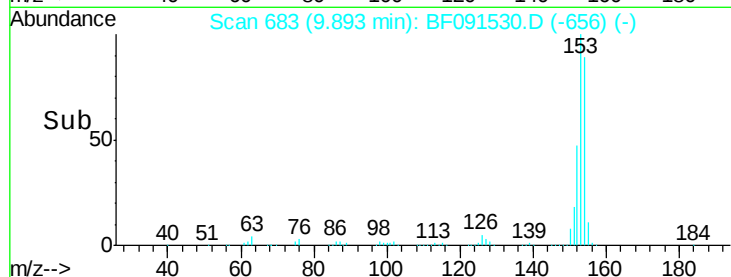
152 52.9 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 55.95 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

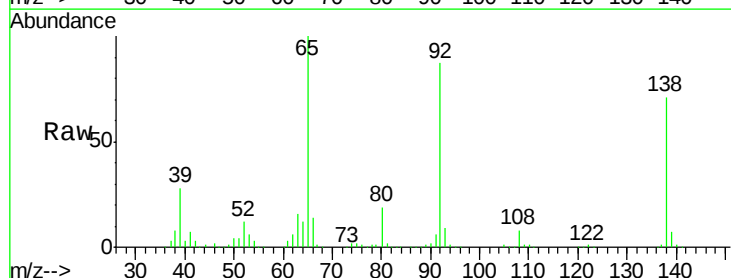
Tgt Ion:138 Resp: 471483

Ion Ratio Lower Upper

138 100

108 10.9 8.1 12.1

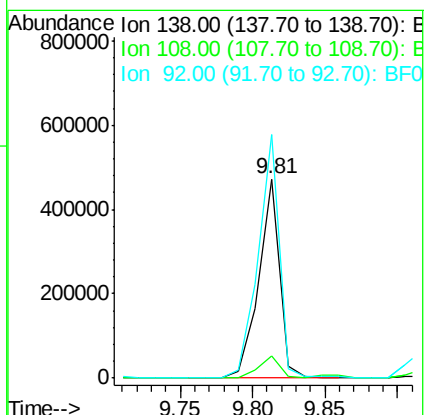
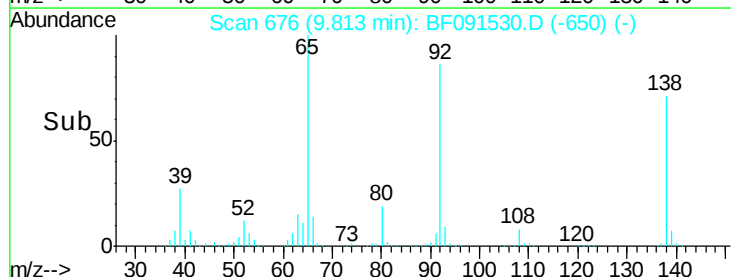
92 122.4 92.5 138.7

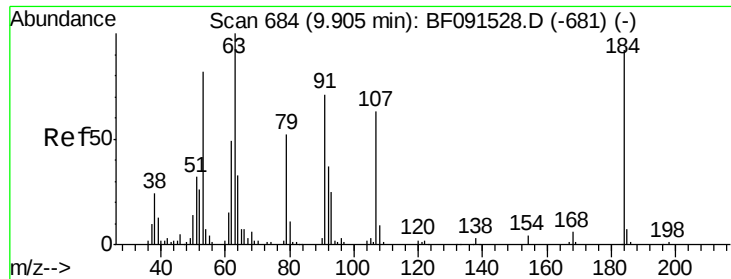


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

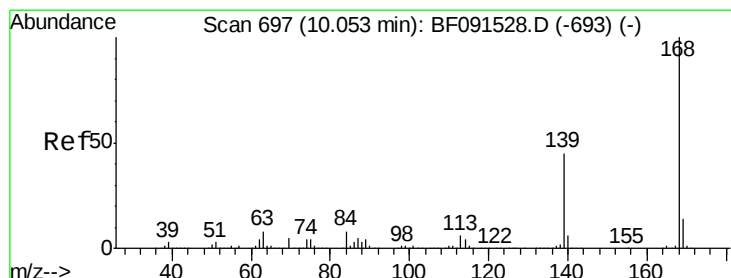
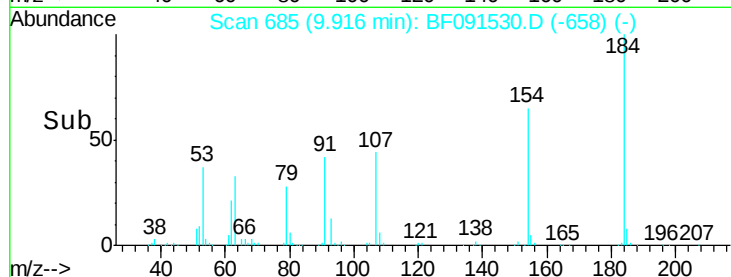
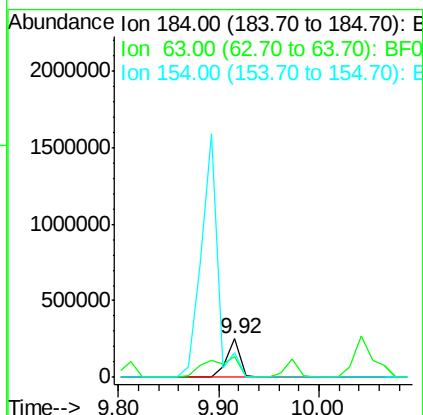
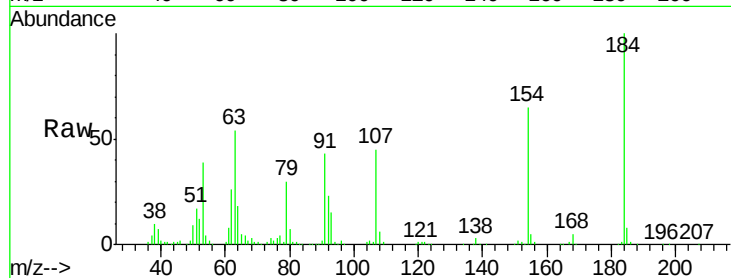




#53
 2,4-Dinitrophenol
 Concen: 73.37 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

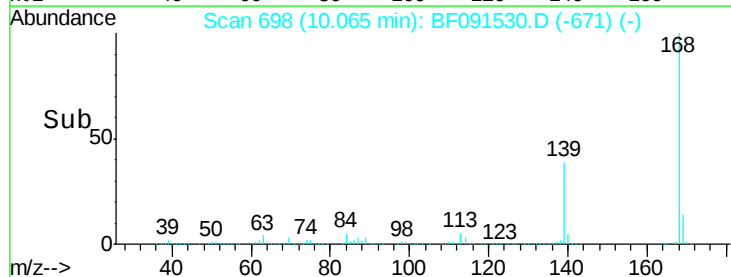
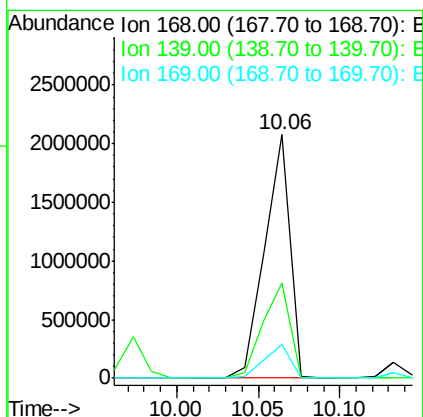
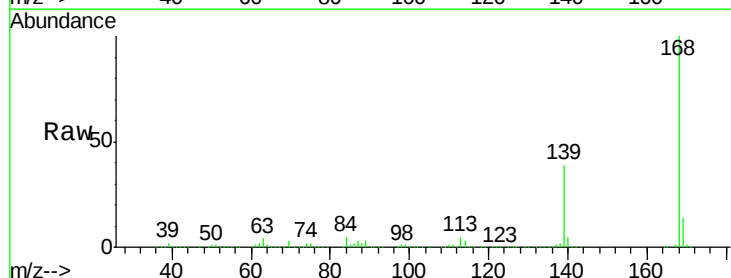
Instrument :
 BNA_F
 ClientSampleId :

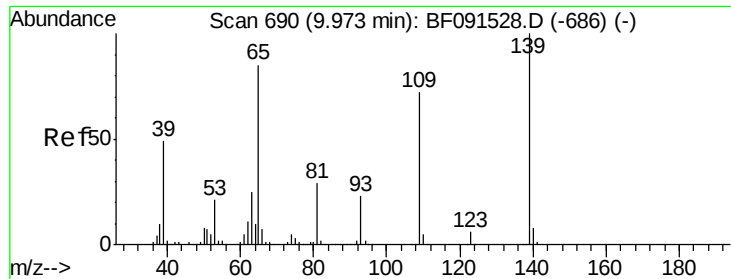
Tot Ion:184 Resp: 233578
 Ion Ratio Lower Upper
 184 100
 63 54.5 58.3 87.5#
 154 64.8 48.6 73.0



#54
 Dibenzofuran
 Concen: 54.67 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.01 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion:168 Resp: 2238680
 Ion Ratio Lower Upper
 168 100
 139 39.2 33.4 50.2
 169 13.8 11.1 16.7

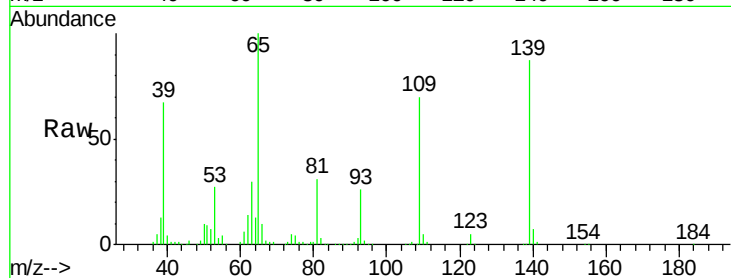




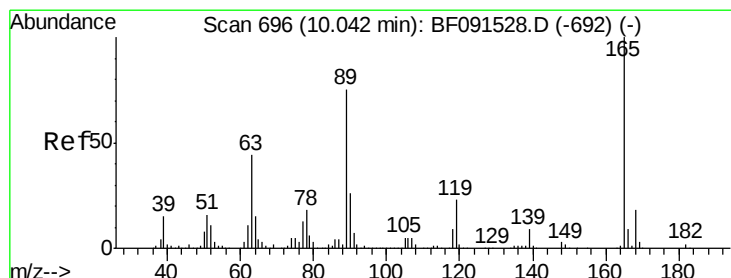
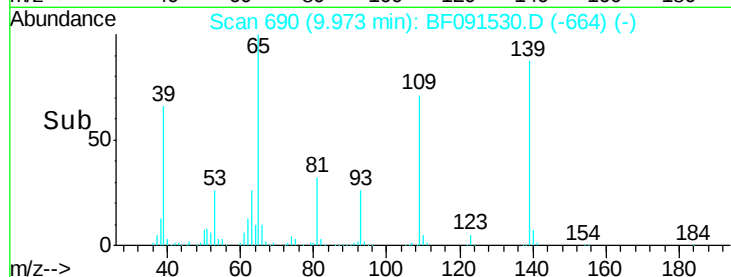
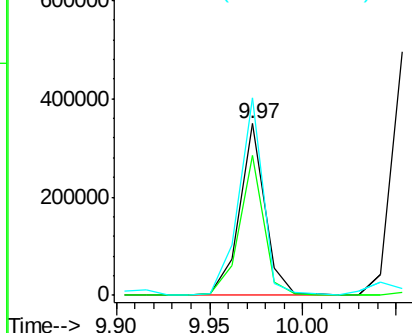
#55
4-Nitrophenol
Concen: 55.20 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 335948
Ion Ratio Lower Upper
139 100
109 81.3 54.9 94.9
65 115.4 102.2 142.2

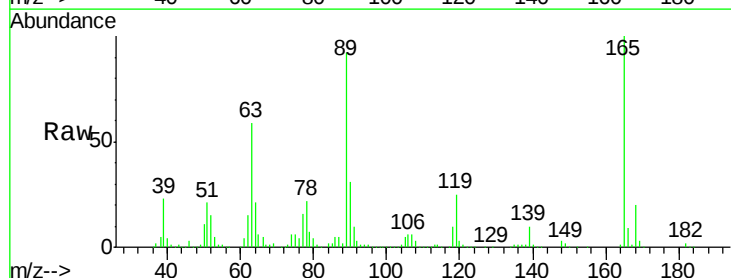


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

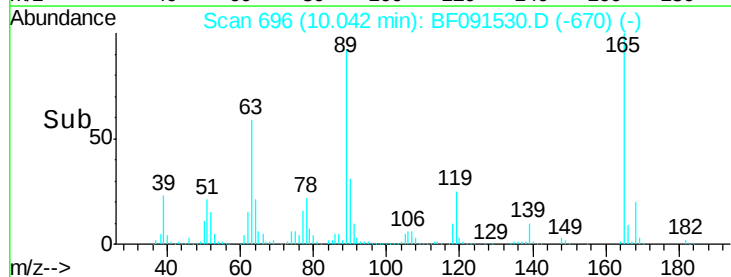
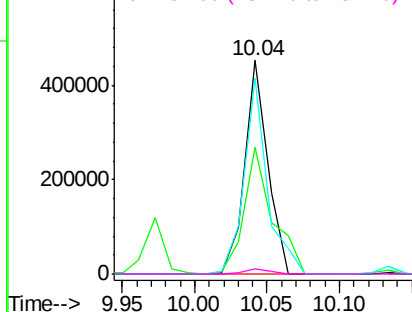


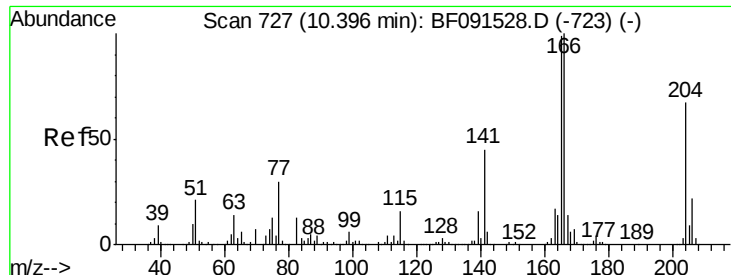
#56
2,4-Dinitrotoluene
Concen: 52.64 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion:165 Resp: 497125
Ion Ratio Lower Upper
165 100
63 59.2 29.0 43.4#
89 91.5 43.1 64.7#
182 2.1 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: 53.99 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

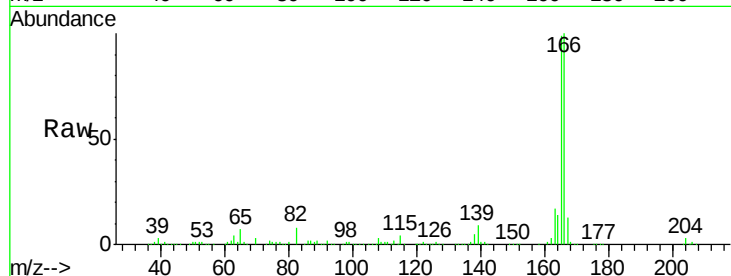
Tot Ion:166 Resp: 1697539

Ion Ratio Lower Upper

166 100

165 99.0 80.0 120.0

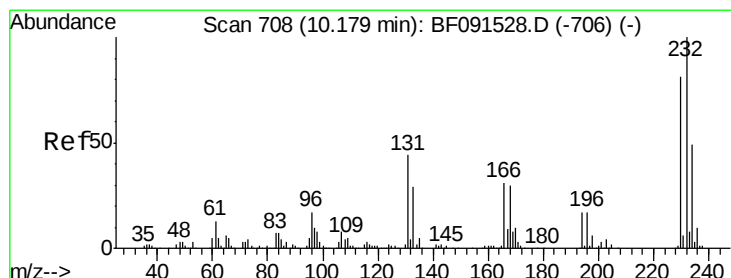
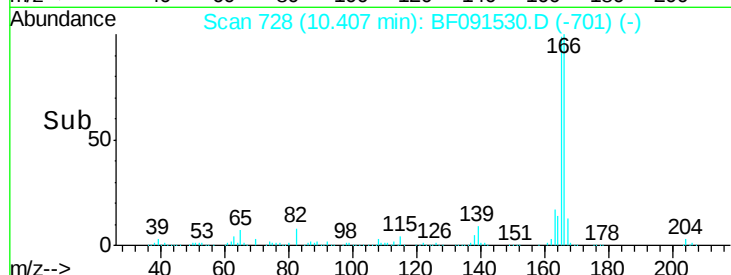
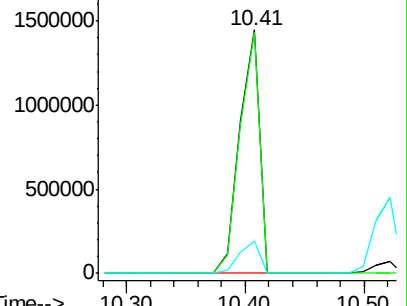
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.89 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Tgt Ion:232 Resp: 412326

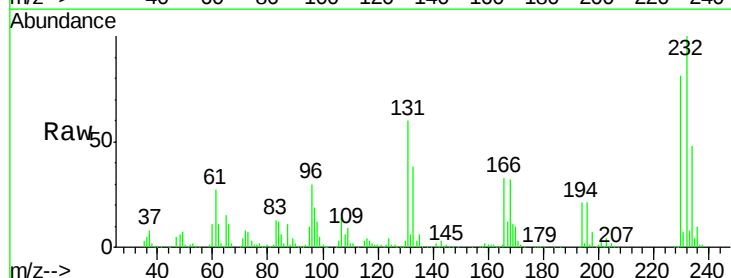
Ion Ratio Lower Upper

232 100

131 50.5 38.4 57.6

130 2.7 1.8 2.8

166 28.8 23.9 35.9

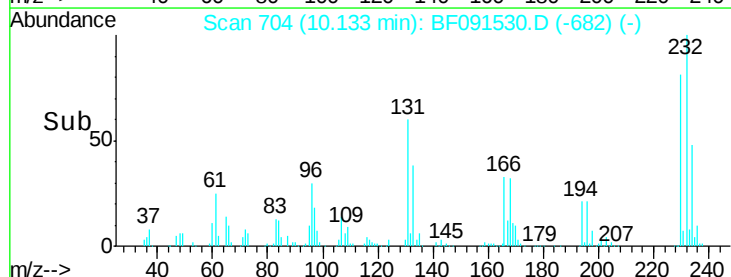
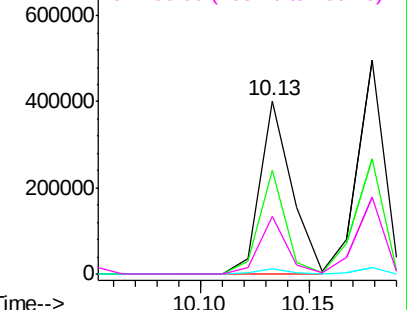


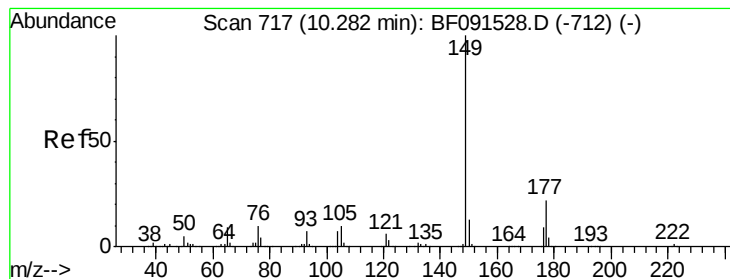
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 54.71 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampled :

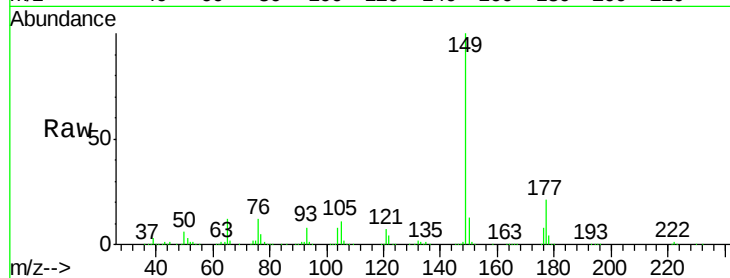
Tot Ion:149 Resp: 1759065

Ion Ratio Lower Upper

149 100

177 21.1 15.7 23.5

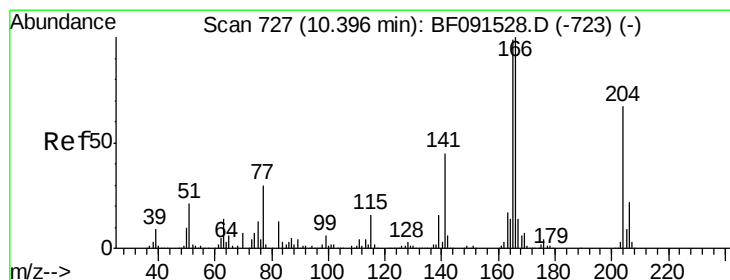
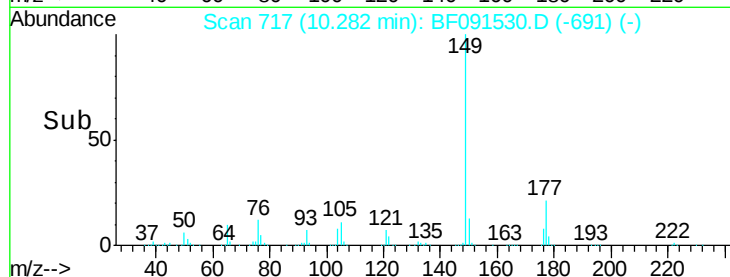
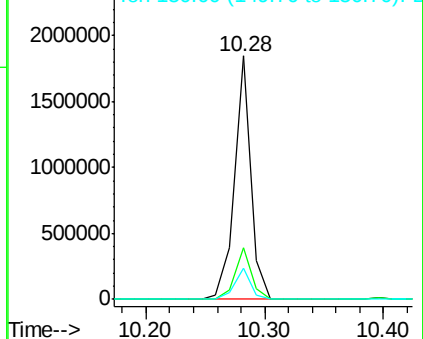
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.04 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

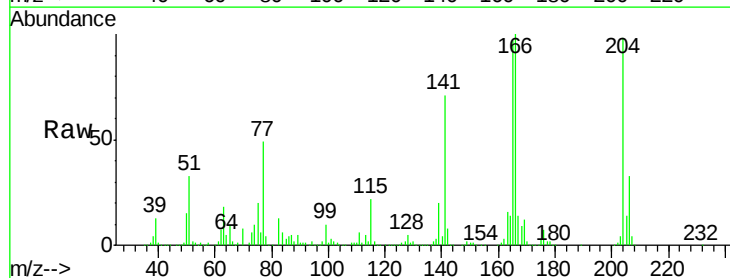
Tgt Ion:204 Resp: 726075

Ion Ratio Lower Upper

204 100

206 33.4 26.1 39.1

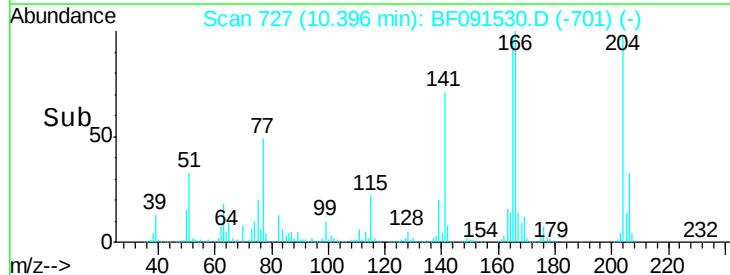
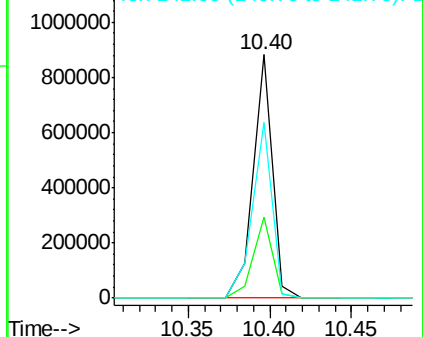
141 72.4 40.6 61.0#

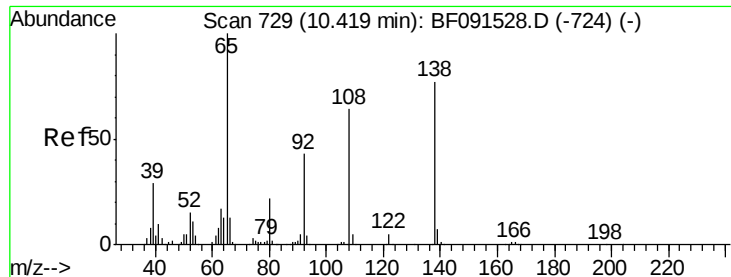


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

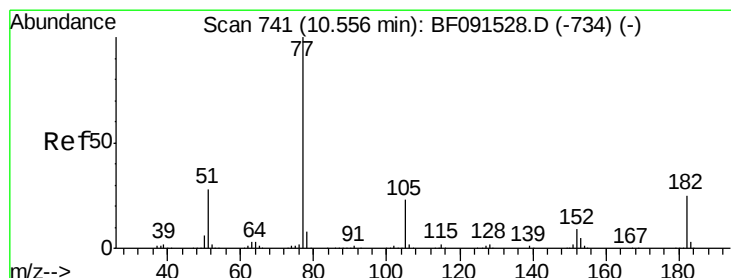
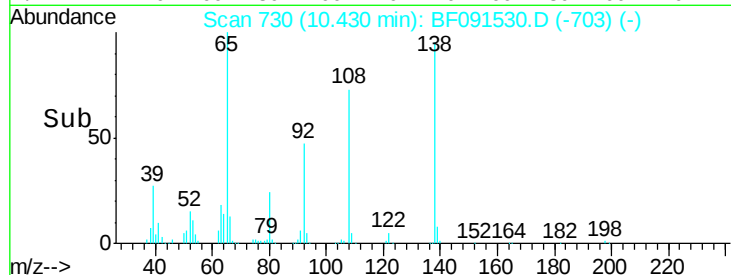
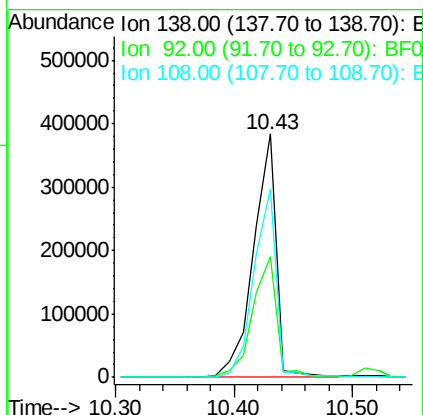
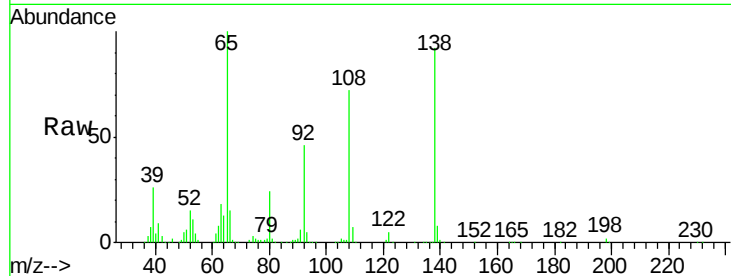




#61
4-Nitroaniline
Concen: 64.96 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

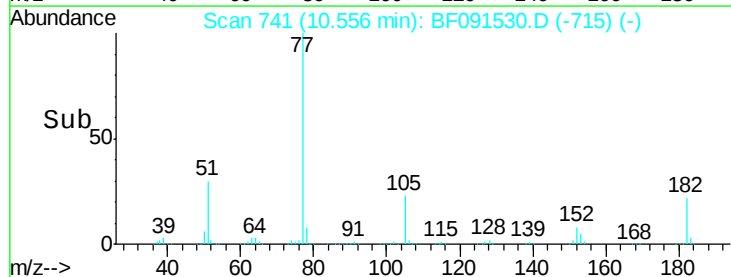
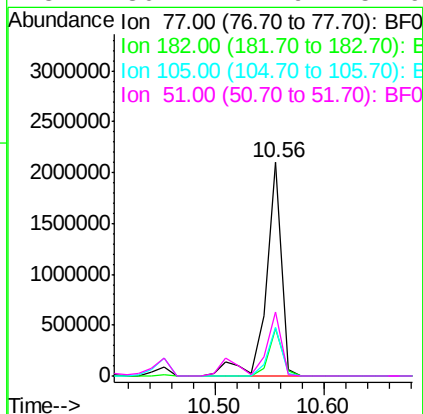
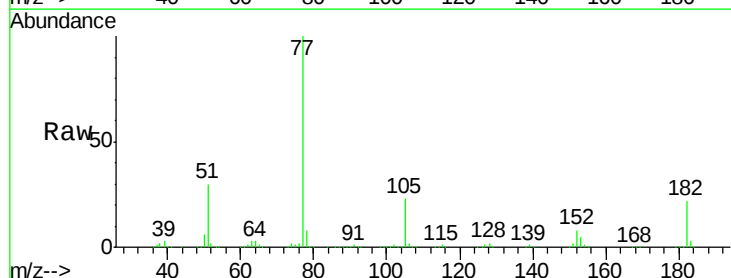
Instrument :
BNA_F
ClientSampled :

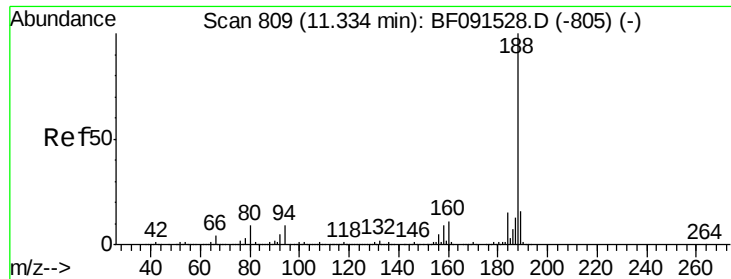
Tot Ion:138 Resp: 514032
Ion Ratio Lower Upper
138 100
92 49.5 26.9 66.9
108 77.7 49.1 89.1



#62
Azobenzene
Concen: 63.62 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion: 77 Resp: 2087102
Ion Ratio Lower Upper
77 100
182 22.0 12.5 52.5
105 22.8 3.7 43.7
51 30.1 11.9 51.9

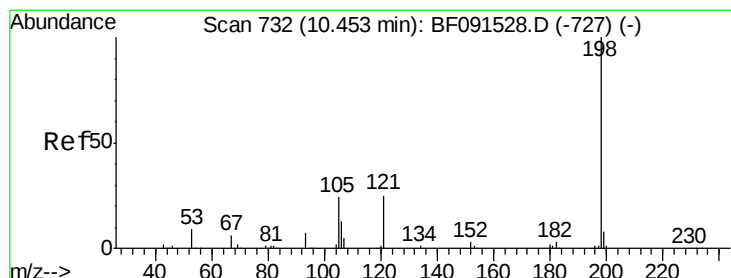
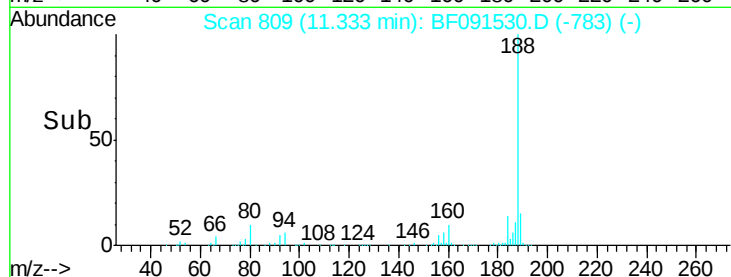
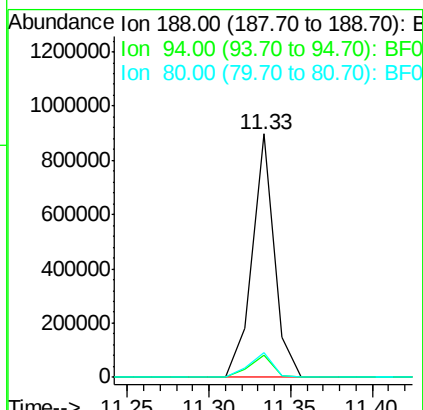
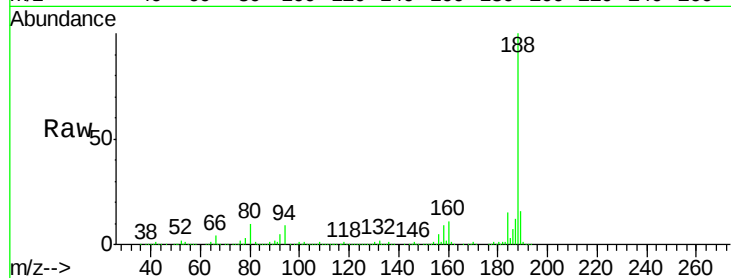




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

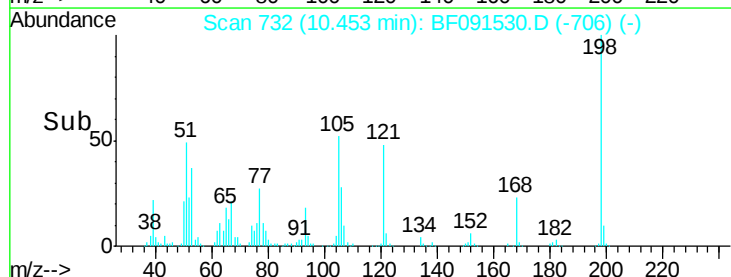
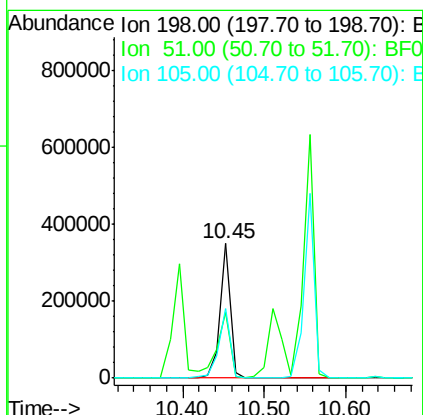
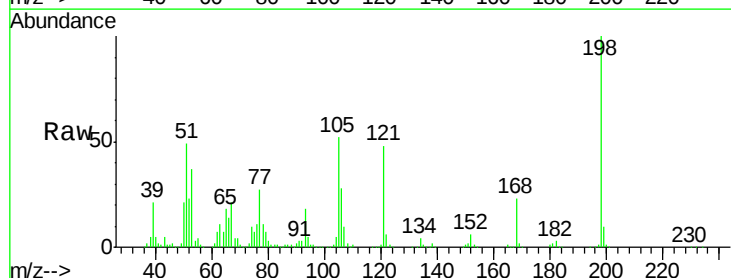
Instrument :
BNA_F
ClientSampled :

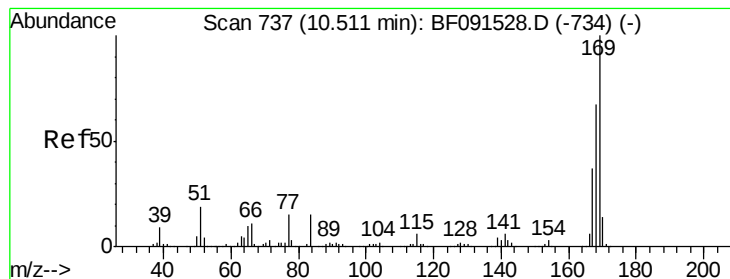
Tot Ion:188 Resp: 845981
Ion Ratio Lower Upper
188 100
94 9.3 9.2 13.8
80 10.4 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 65.47 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion:198 Resp: 305122
Ion Ratio Lower Upper
198 100
51 49.0 77.1 117.1#
105 51.5 44.8 84.8

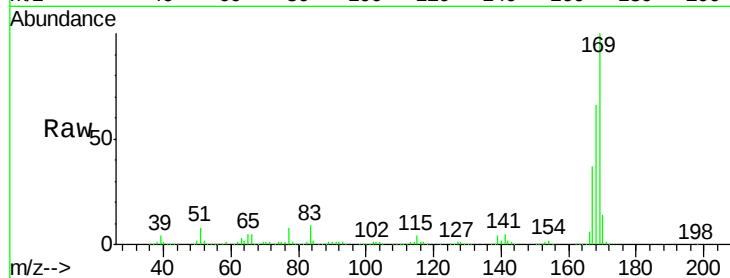




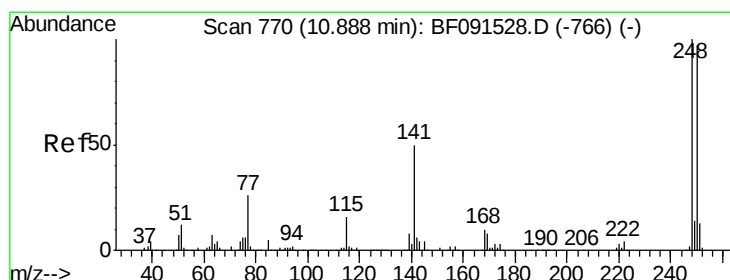
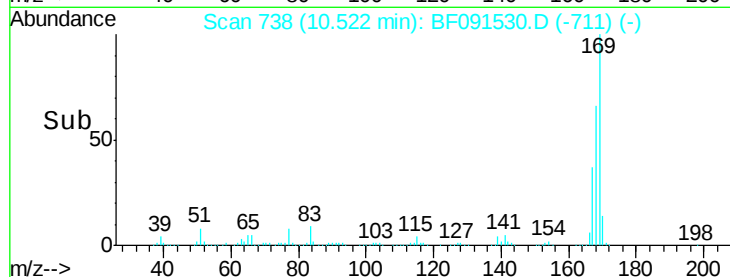
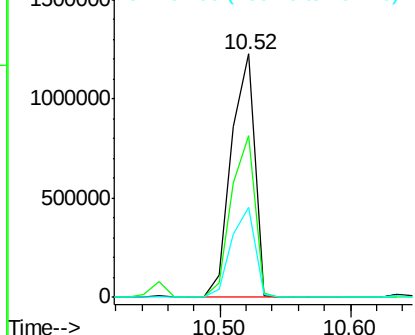
#65
 n-Nitrosodiphenylamine
 Concen: 59.24 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.01 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 1519485
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.8 80.8
 167 36.9 29.8 44.8

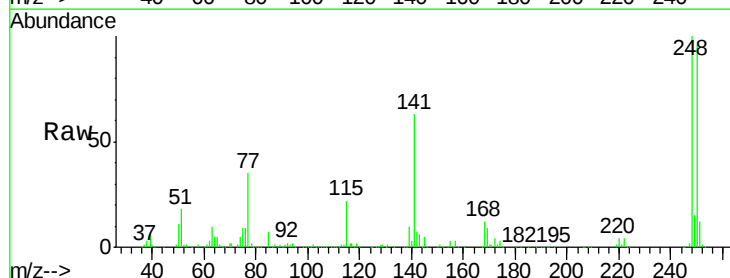


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

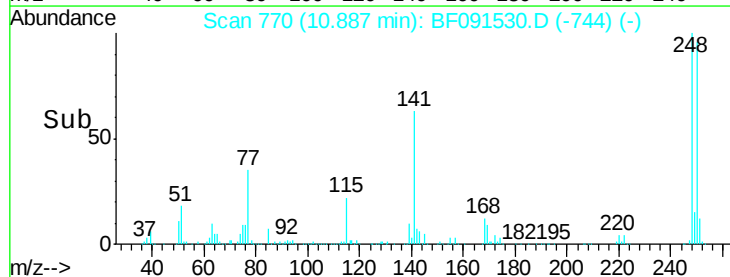
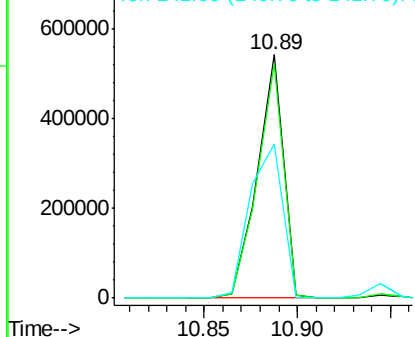


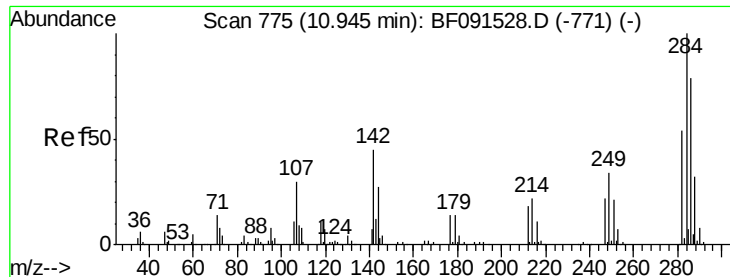
#66
 4-Bromophenyl-phenylether
 Concen: 57.35 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion:248 Resp: 521467
 Ion Ratio Lower Upper
 248 100
 250 96.4 78.2 117.4
 141 63.3 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

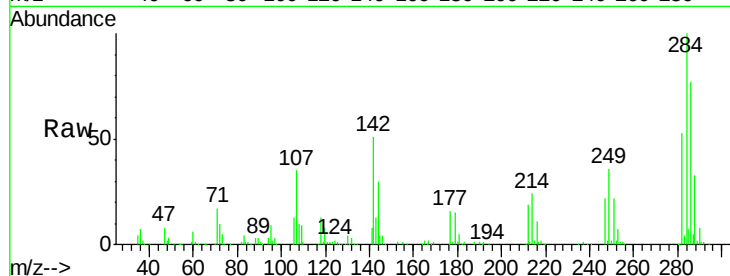




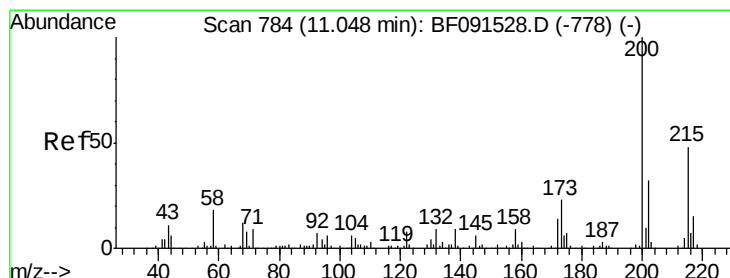
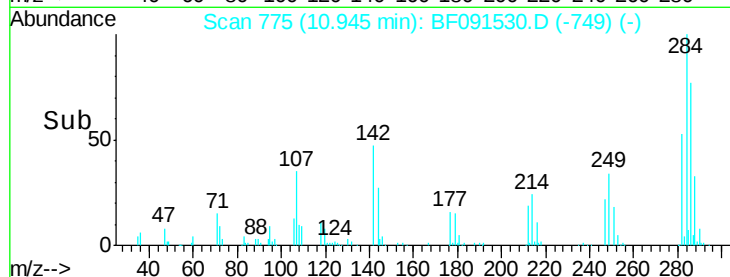
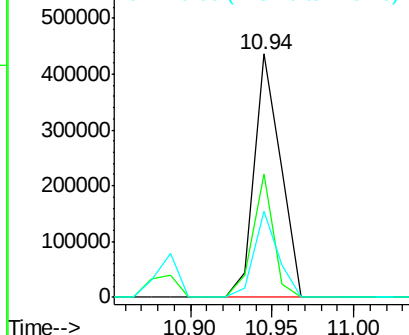
#67
Hexachlorobenzene
Concen: 49.82 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 489528
Ion Ratio Lower Upper
284 100
142 50.8 17.9 26.9#
249 35.6 23.6 35.4#

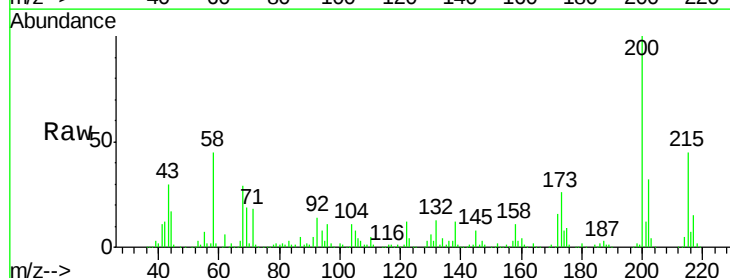


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

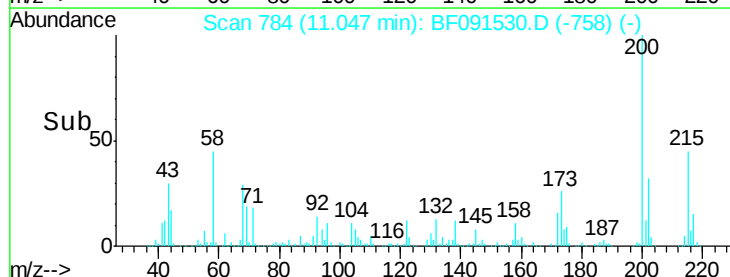
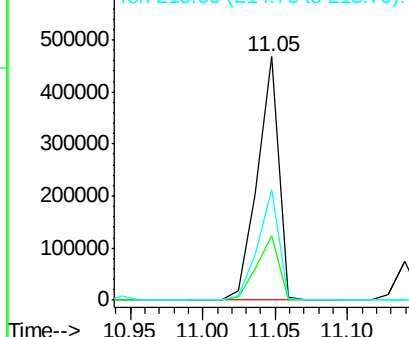


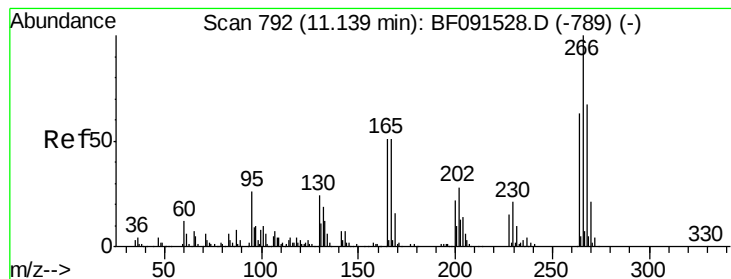
#68
Atrazine
Concen: 57.35 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion:200 Resp: 476382
Ion Ratio Lower Upper
200 100
173 26.2 7.8 47.8
215 45.3 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: 52.70 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampled :

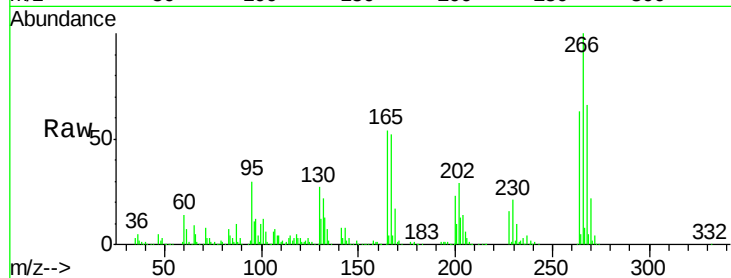
Tot Ion:266 Resp: 304841

Ion Ratio Lower Upper

266 100

268 65.7 50.3 75.5

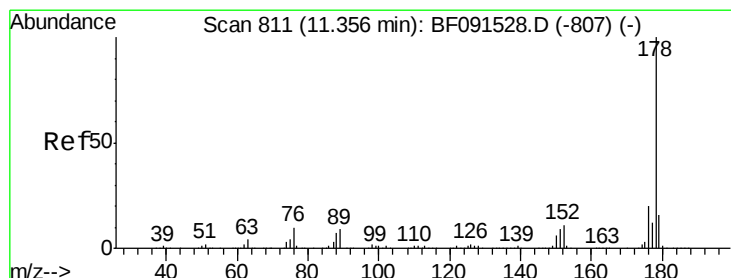
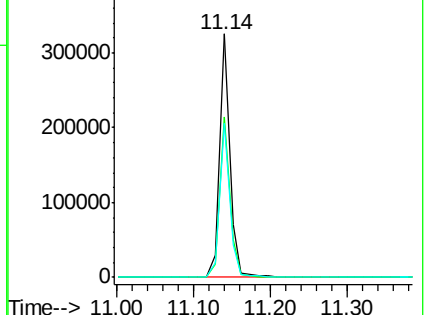
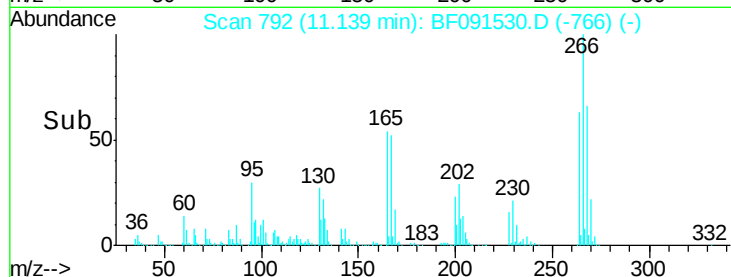
264 63.3 48.2 72.2



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: 50.77 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

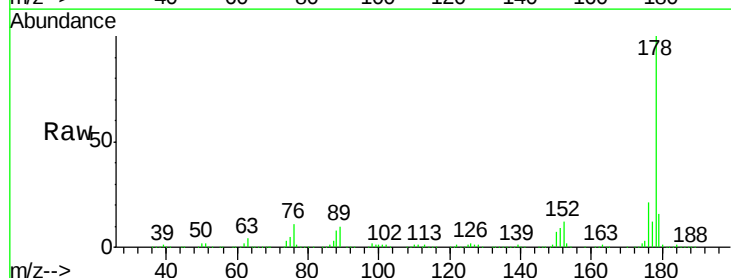
Tgt Ion:178 Resp: 2231778

Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

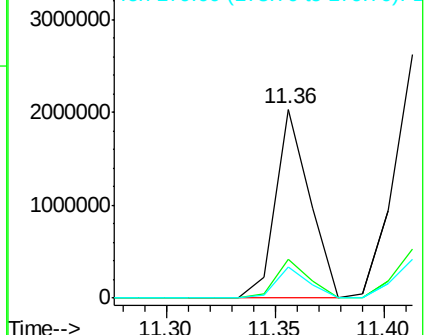
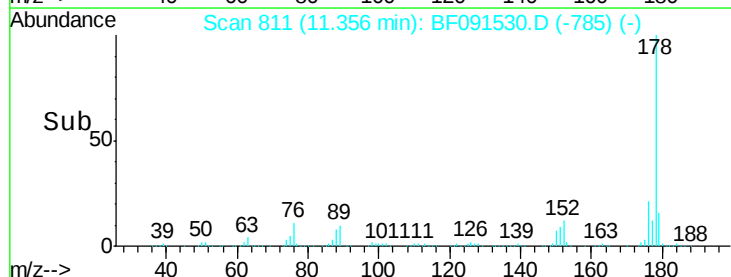
179 16.5 12.6 18.8

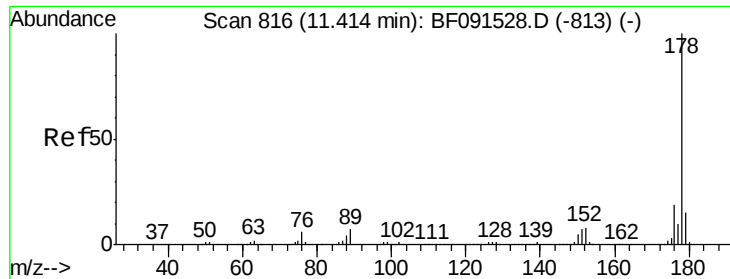


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

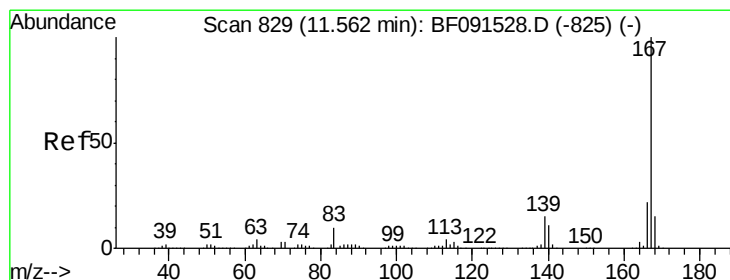
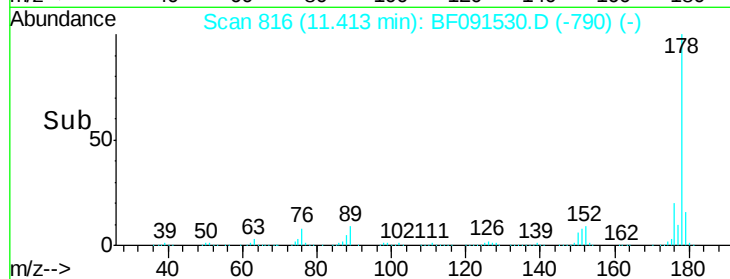
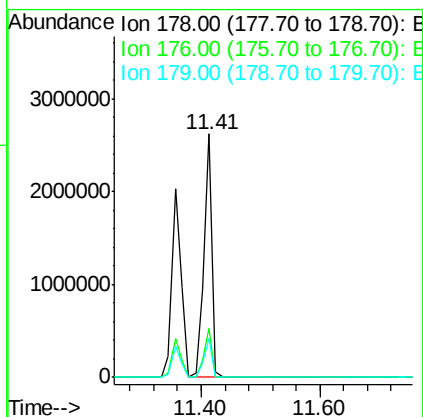
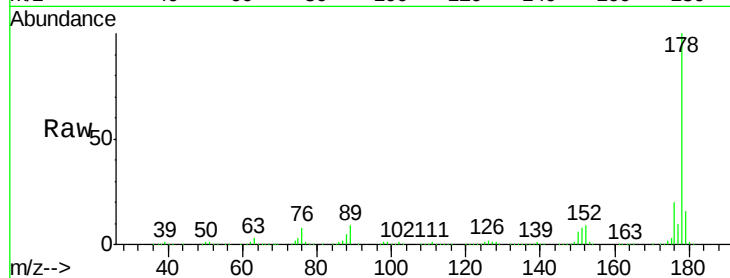




#71
 Anthracene
 Concen: 57.77 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

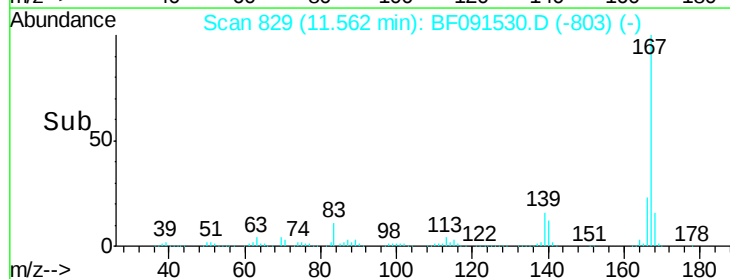
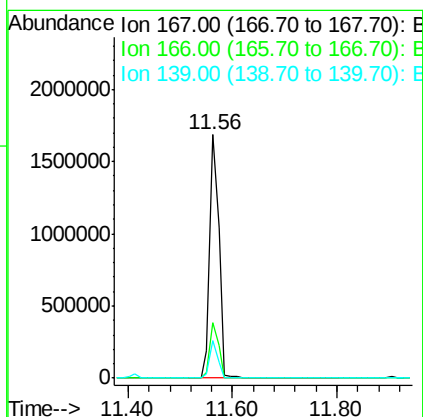
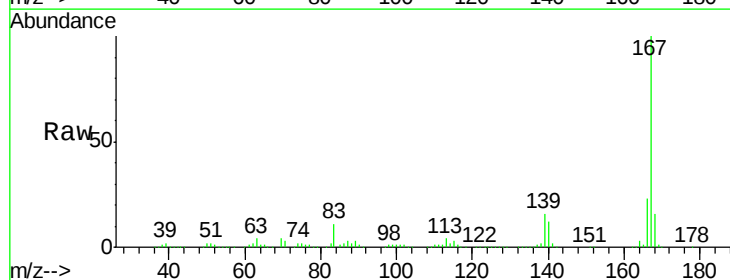
Instrument :
 BNA_F
 ClientSampleId :

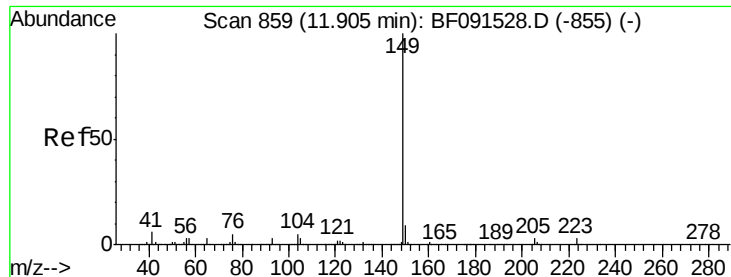
Tot Ion:178 Resp: 2520475
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.6
 179 16.2 12.7 19.1



#72
 Carbazole
 Concen: 51.79 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion:167 Resp: 2050168
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 15.5 11.5 17.3





#73

Di-n-butylphthalate

Concen: 59.45 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

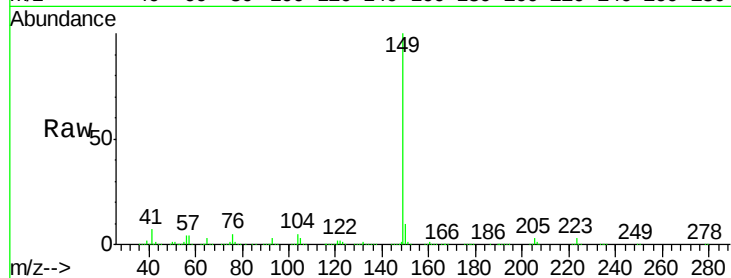
Tot Ion:149 Resp: 2667486

Ion Ratio Lower Upper

149 100

150 9.8 7.5 11.3

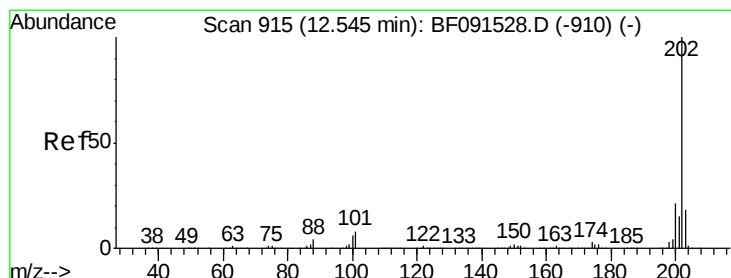
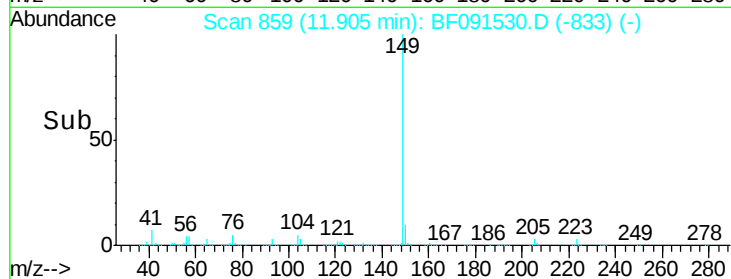
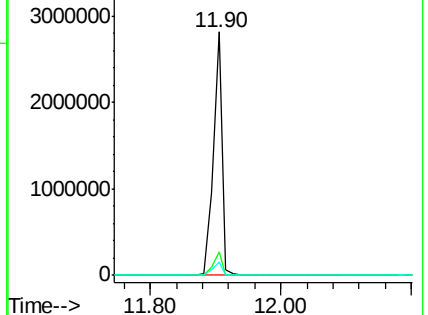
104 5.4 4.0 6.0



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: 56.76 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

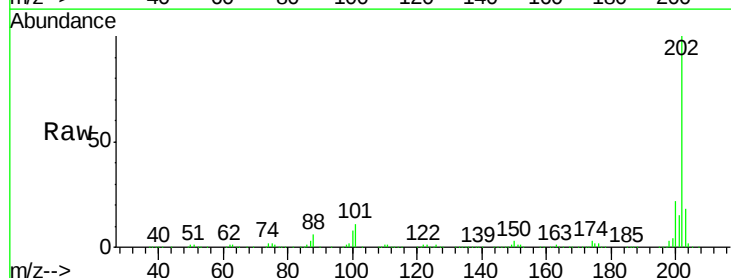
Tgt Ion:202 Resp: 2363547

Ion Ratio Lower Upper

202 100

101 11.0 0.0 29.5

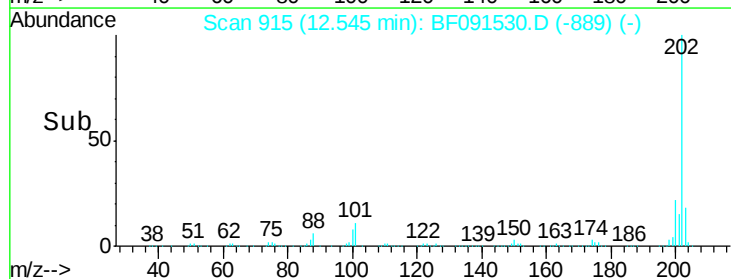
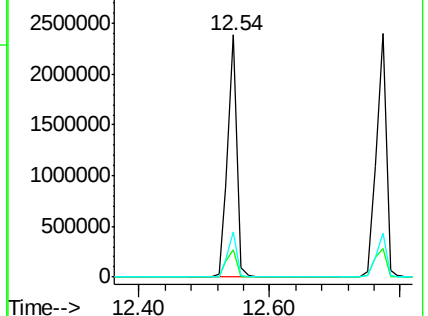
203 18.5 0.0 37.8

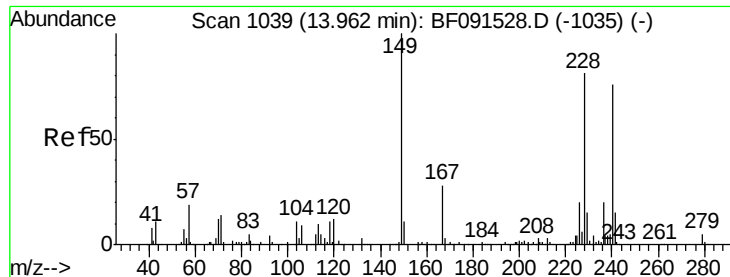


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

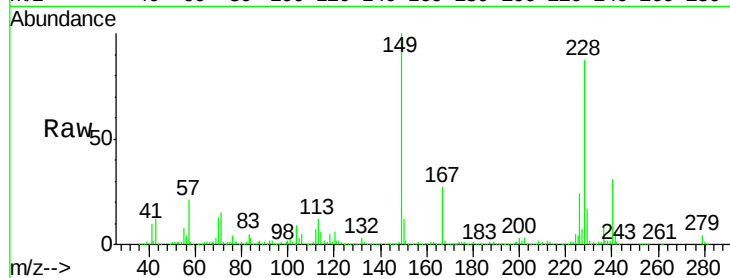
Tot Ion:240 Resp: 486418

Ion Ratio Lower Upper

240 100

120 18.8 12.1 18.1#

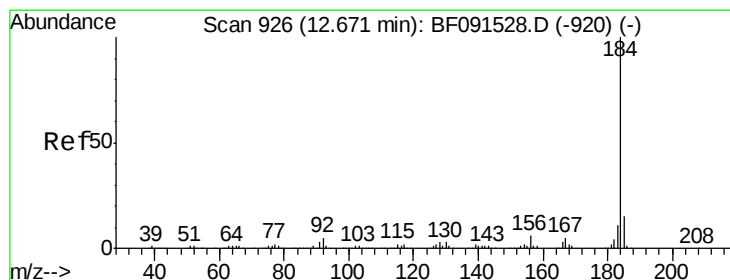
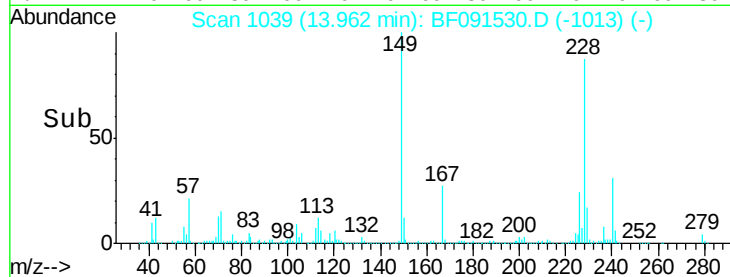
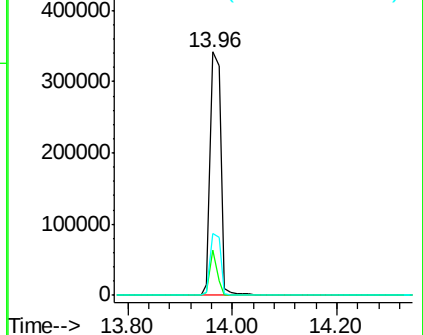
236 25.3 21.0 31.6



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: 62.15 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

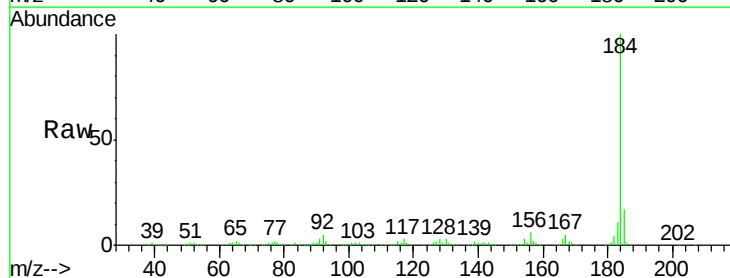
Tgt Ion:184 Resp: 887465

Ion Ratio Lower Upper

184 100

185 17.5 13.1 19.7

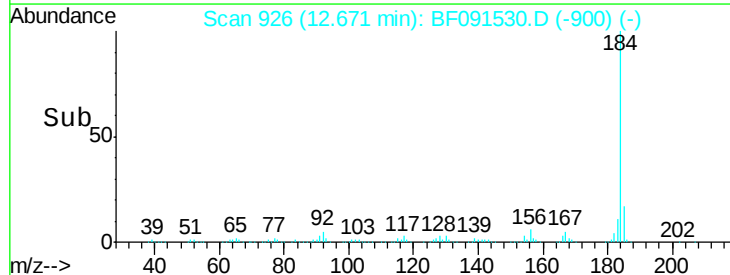
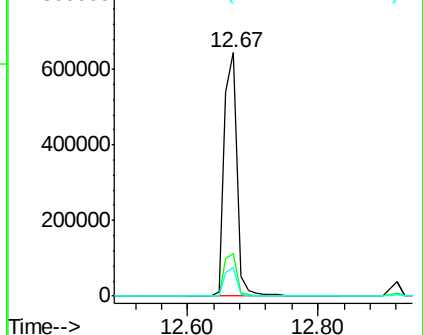
183 11.5 8.9 13.3

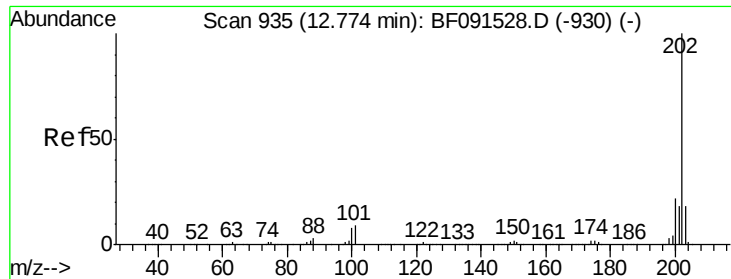


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

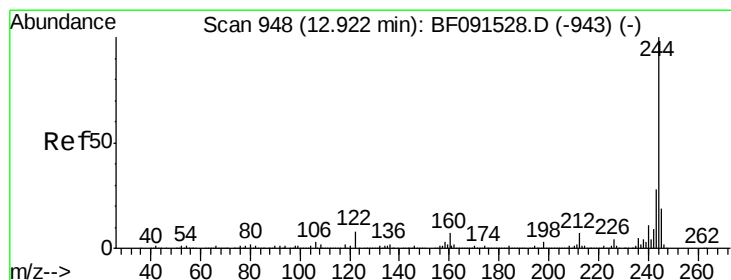
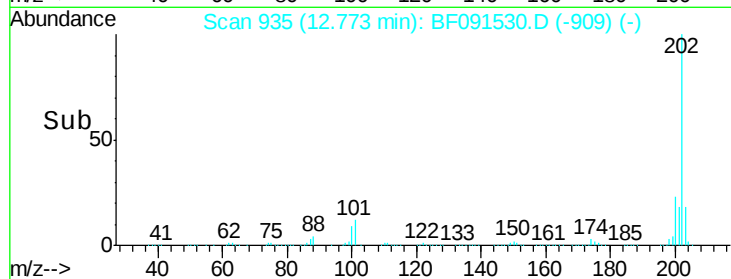
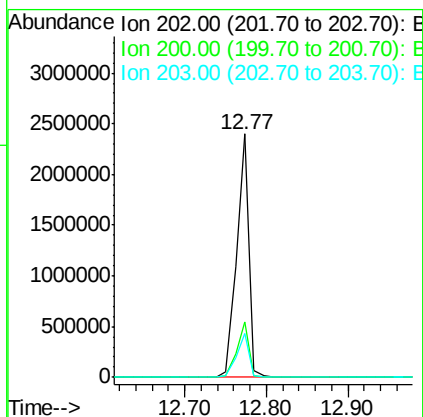
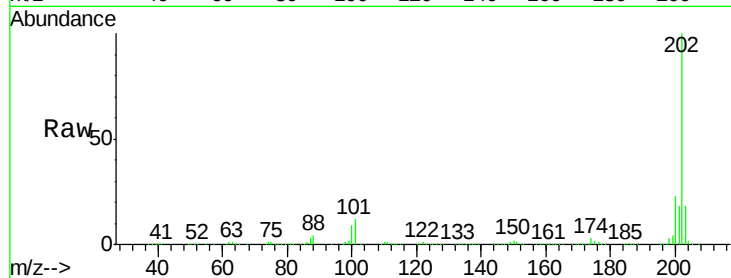




#77
Pvrene
Concen: 67.71 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

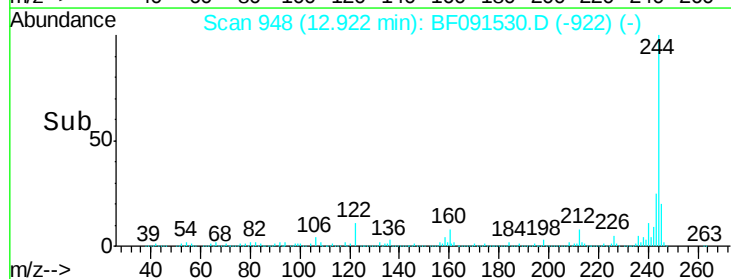
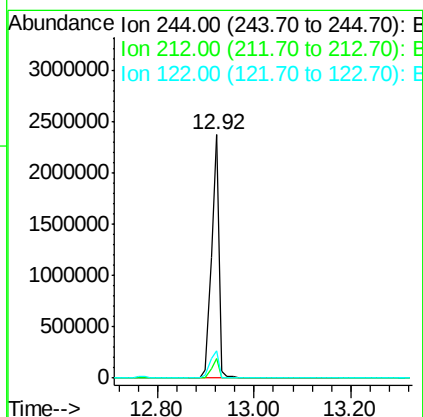
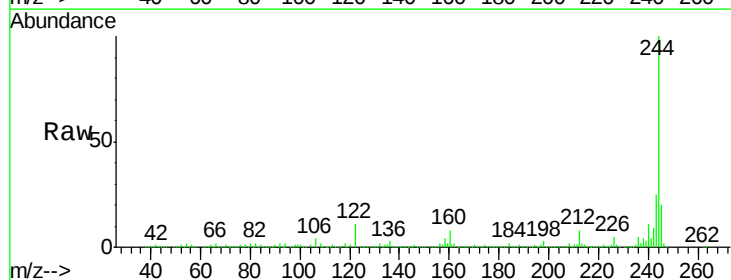
Instrument :
BNA_F
ClientSampleId :

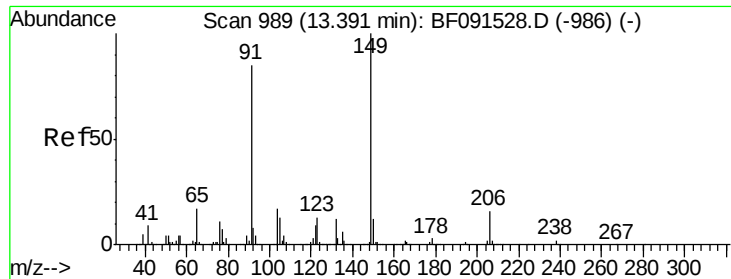
Tot Ion:202 Resp: 2499309
Ion Ratio Lower Upper
202 100
200 22.6 17.6 26.4
203 18.0 14.0 21.0



#78
Terphenyl-d14
Concen: 115.67 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion:244 Resp: 2588533
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 11.1 9.5 14.3

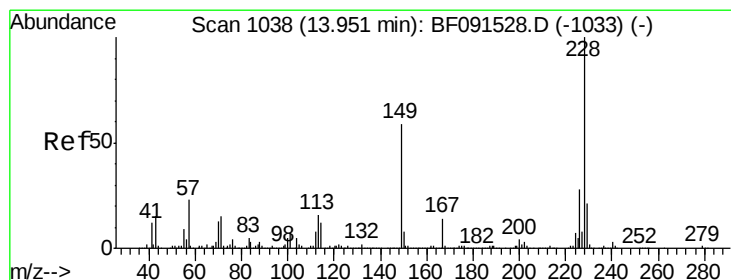
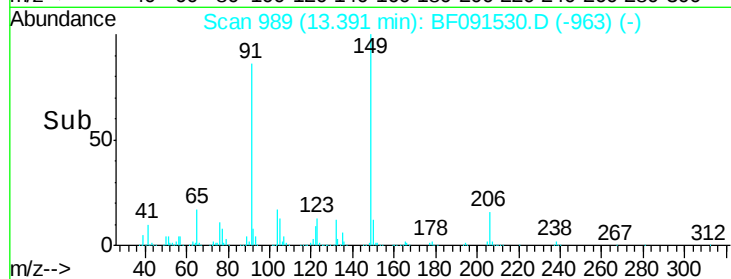
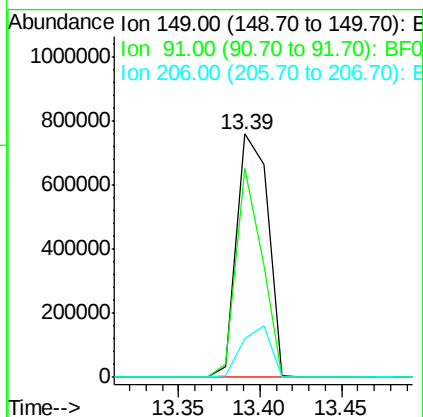
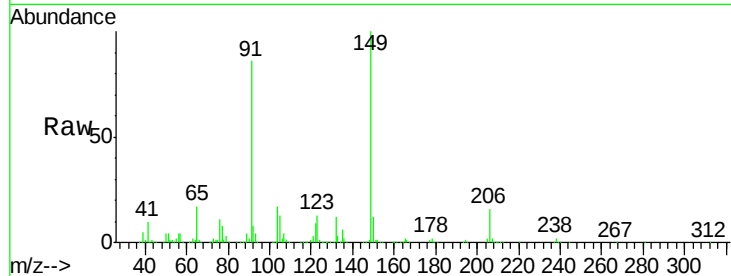




#79
Butylbenzylphthalate
Concen: 72.71 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

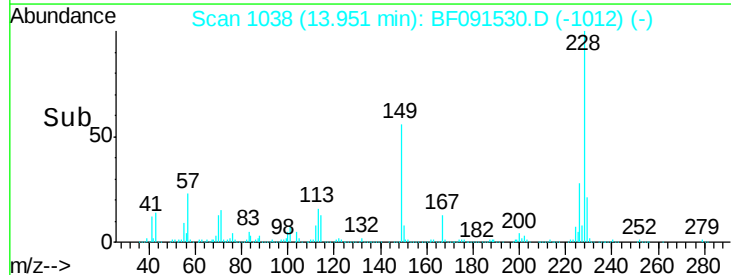
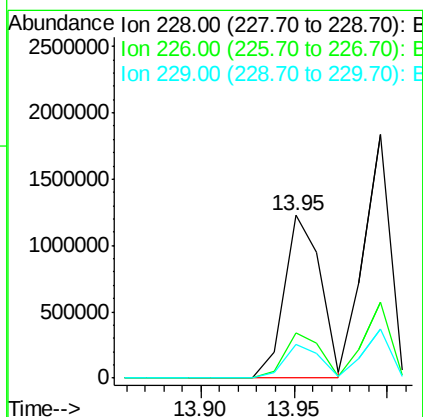
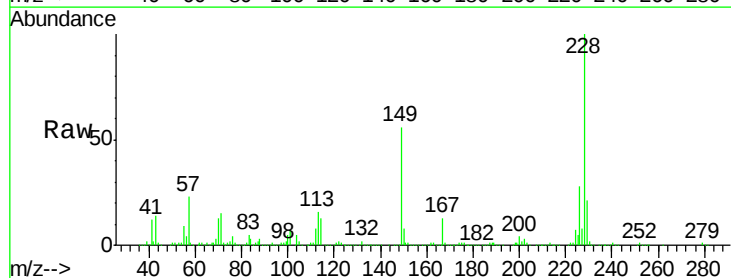
Instrument :
BNA_F
ClientSampled :

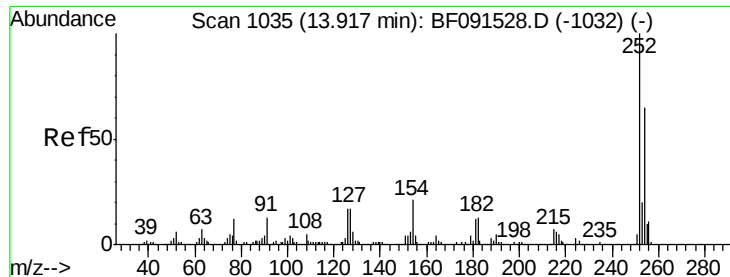
Tot Ion:149 Resp: 1005083
Ion Ratio Lower Upper
149 100
91 85.6 57.4 86.2
206 15.9 15.4 23.2



#80
Benzo(a)anthracene
Concen: 58.43 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion:228 Resp: 1662066
Ion Ratio Lower Upper
228 100
226 27.9 22.5 33.7
229 20.6 16.4 24.6

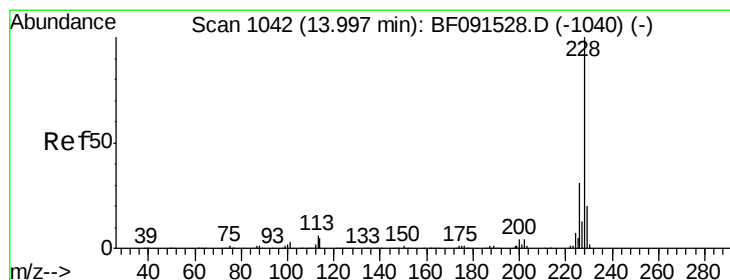
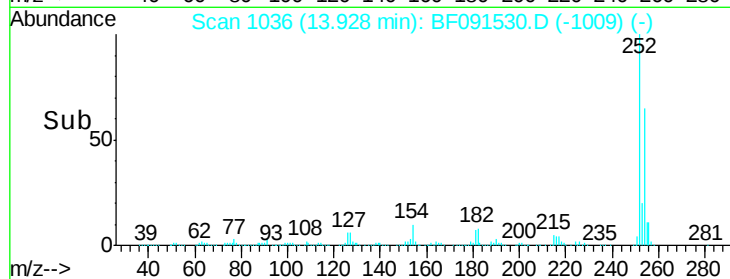
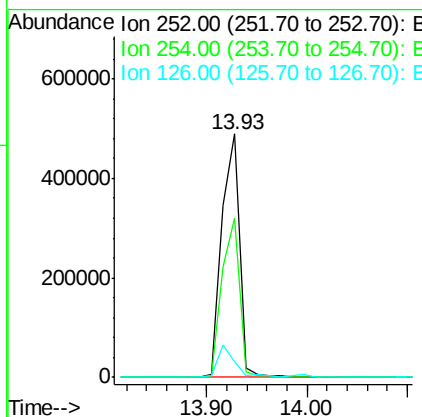
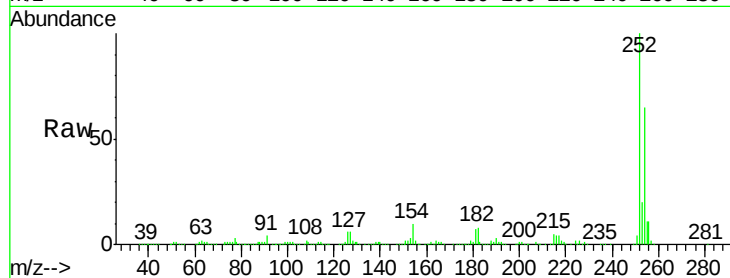




#81
 3,3'-Dichlorobenzidine
 Concen: 60.38 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.01 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

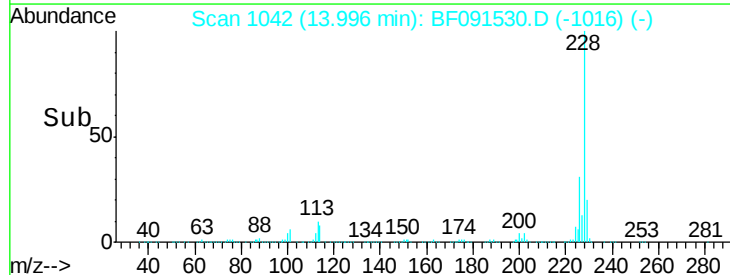
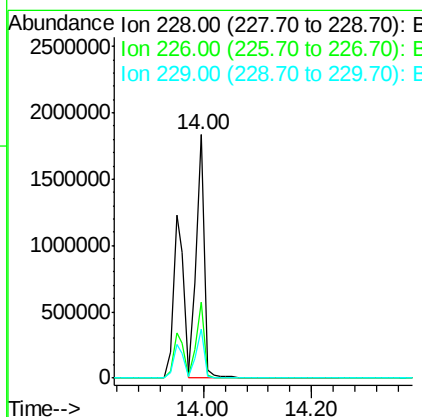
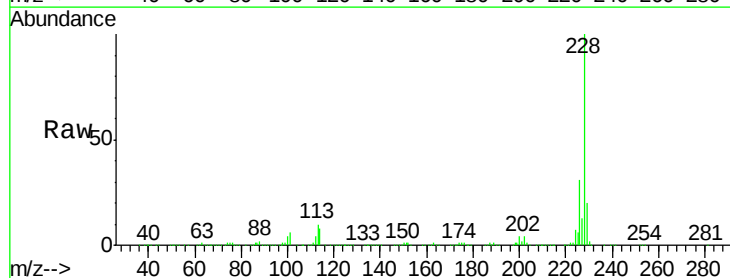
Instrument :
 BNA_F
 ClientSampleId :

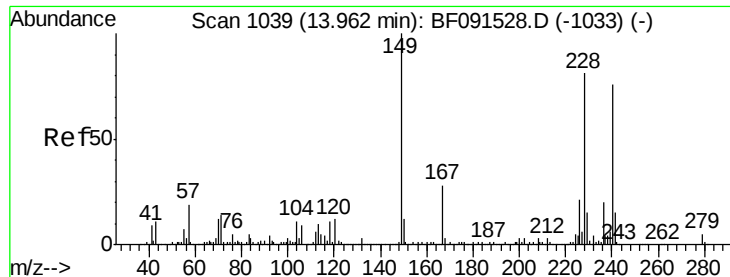
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	6.4	7.5	11.3



#82
 Chrysene
 Concen: 65.84 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.4
229	20.4	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 71.59 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampled :

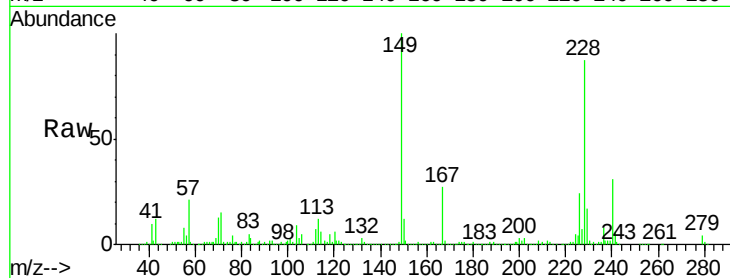
Tot Ion:149 Resp: 1254304

Ion Ratio Lower Upper

149 100

167 27.0 19.6 29.4

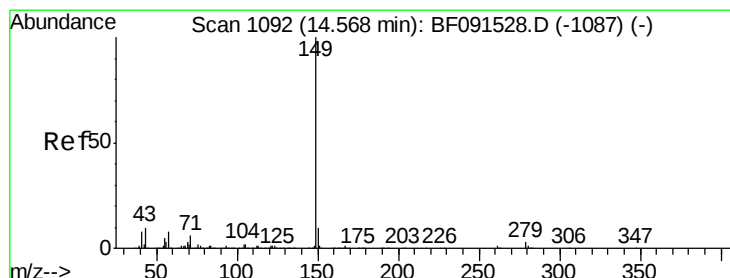
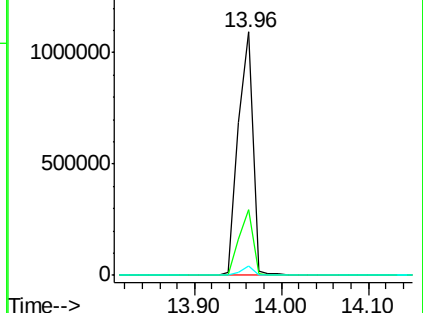
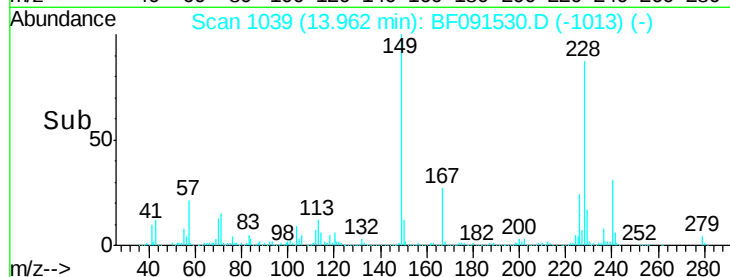
279 4.0 1.9 2.9#



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: 78.94 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

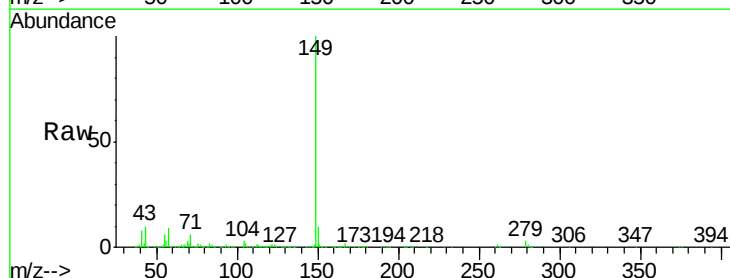
Tgt Ion:149 Resp: 2092977

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

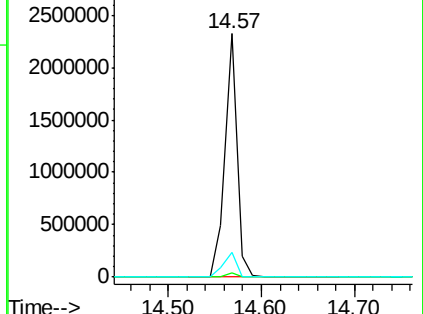
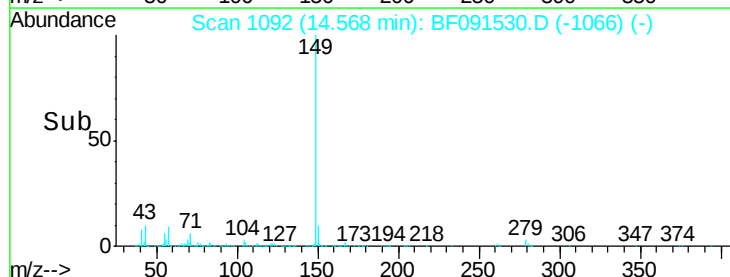
43 11.3 11.9 17.9#

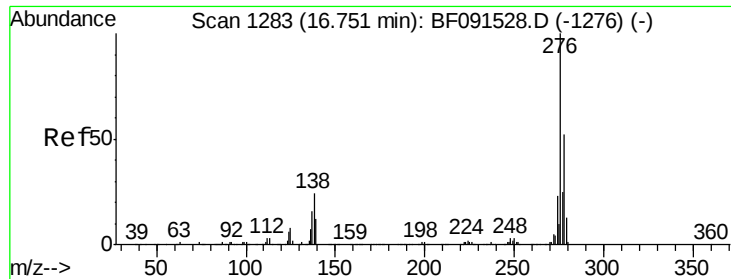


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



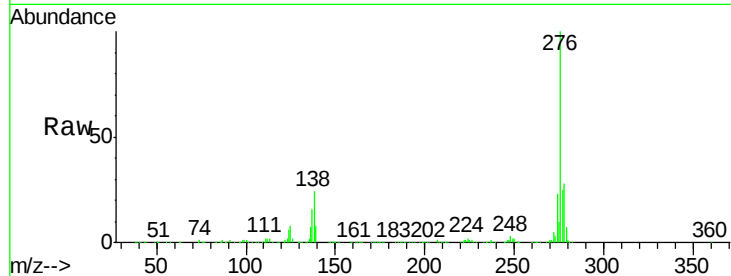


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 66.81 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

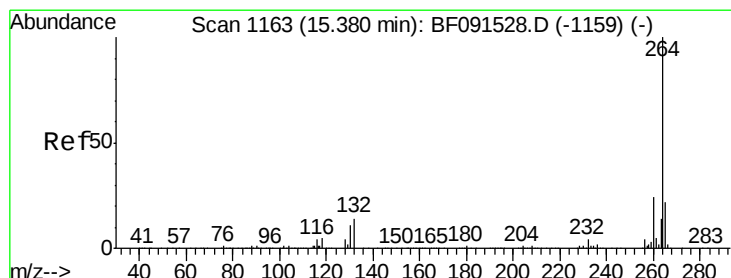
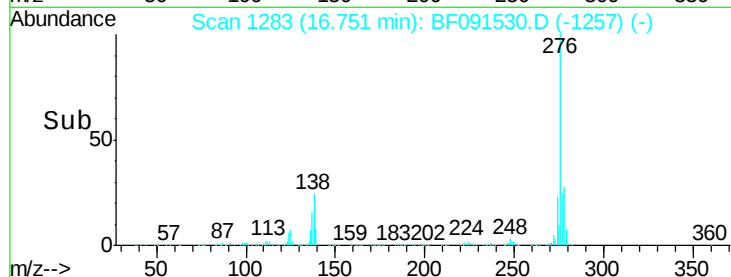
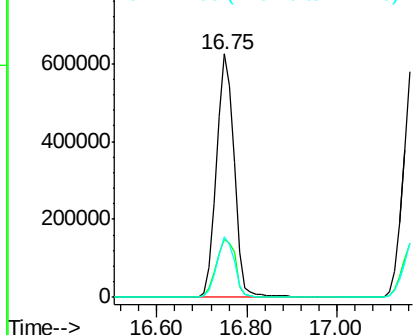
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1721994

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.0	31.4
277	25.1	20.2	30.2



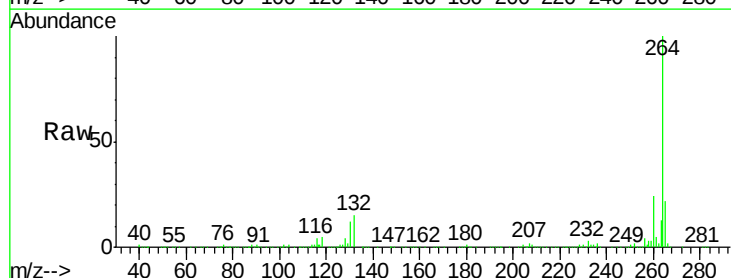
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



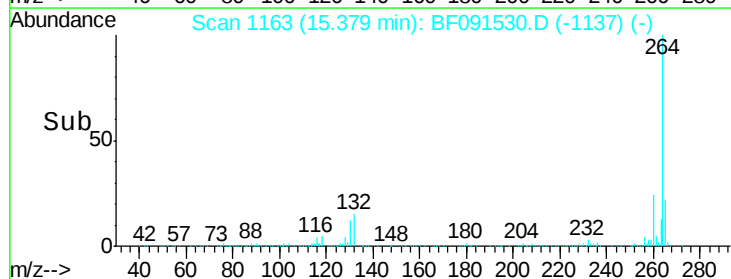
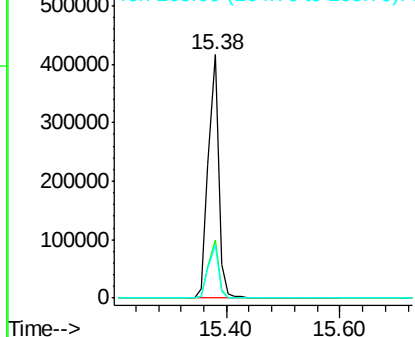
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF091530.D
 Acq: 9 Dec 2016 16:12

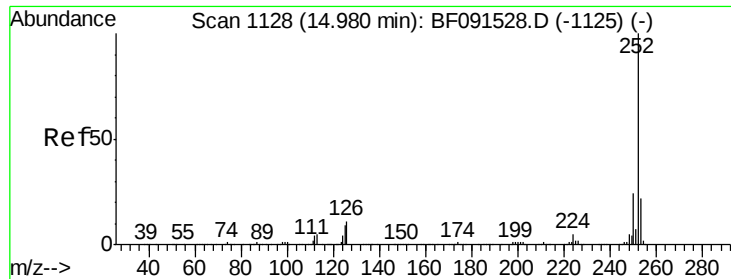
Tgt Ion:264 Resp: 507799

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.6	17.0	25.6



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

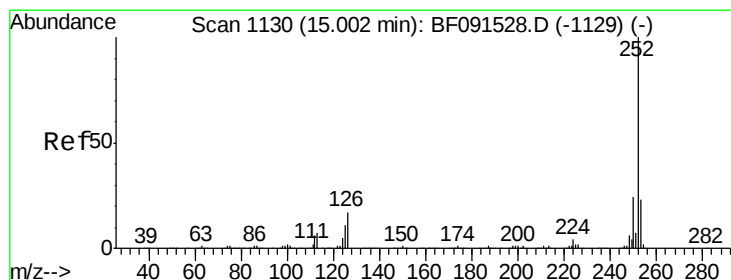
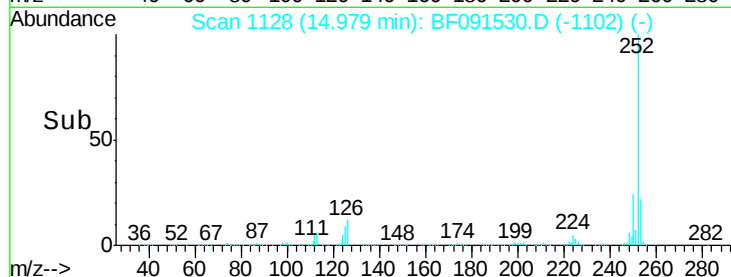
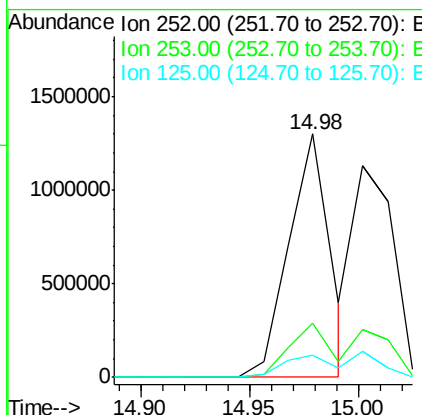
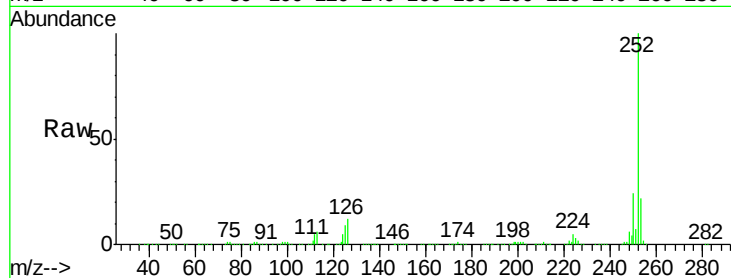




#87
Benzo(b)fluoranthene
Concen: 54.15 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

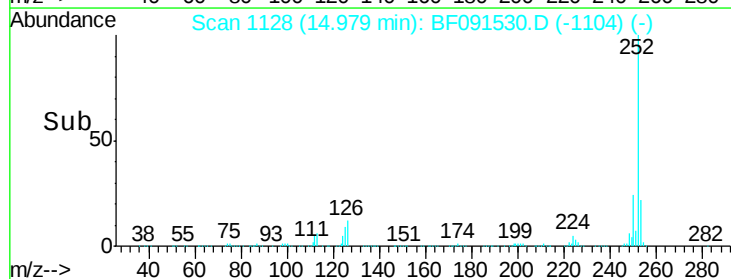
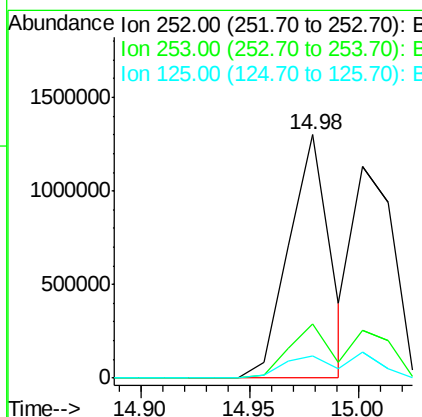
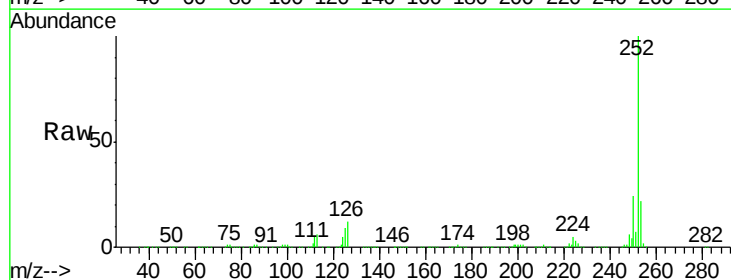
Instrument :
BNA_F
ClientSampleId :

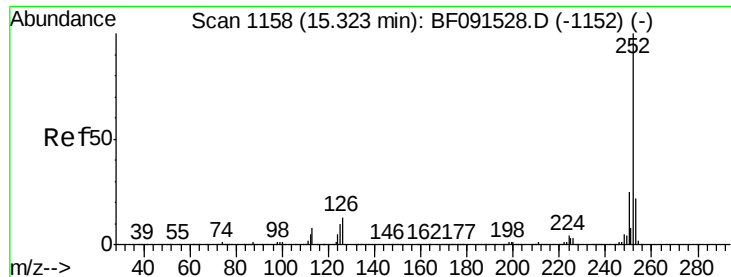
Tot Ion:252 Resp: 1709196
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.4 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 64.40 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF091530.D
Acq: 9 Dec 2016 16:12

Tgt Ion:252 Resp: 1709196
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.4 9.6 14.4#





#89

Benzo(a)pyrene

Concen: 53.25 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

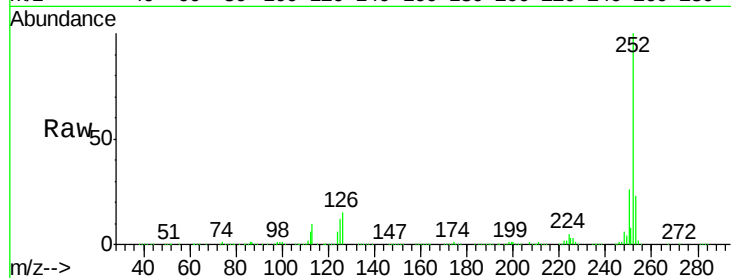
Tot Ion:252 Resp: 1509282

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.4

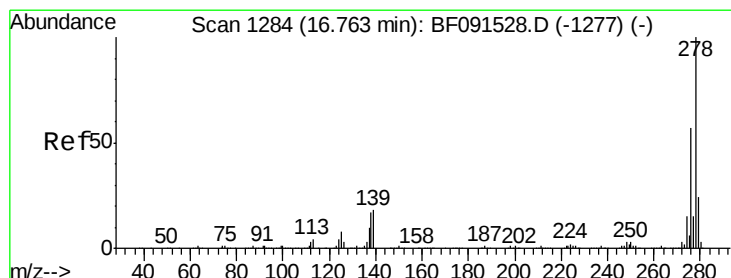
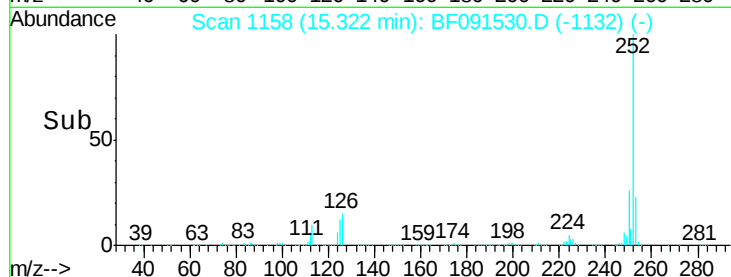
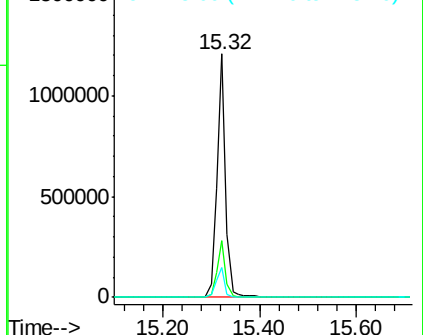
125 12.2 10.4 15.6



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: 54.57 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

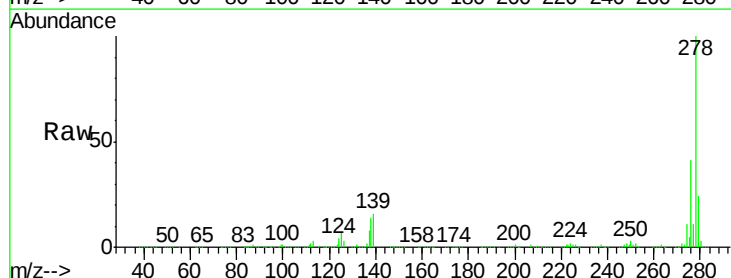
Tgt Ion:278 Resp: 1430630

Ion Ratio Lower Upper

278 100

139 16.1 15.1 22.7

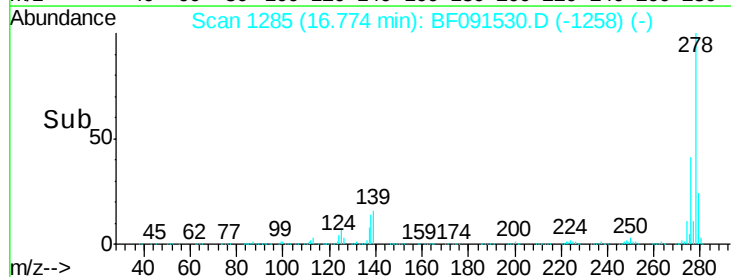
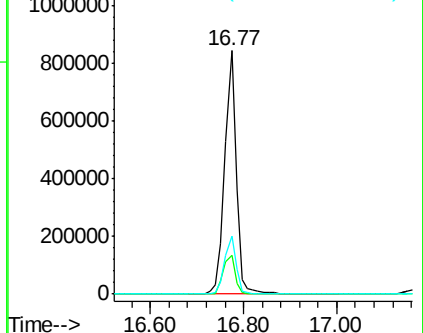
279 23.6 19.0 28.6

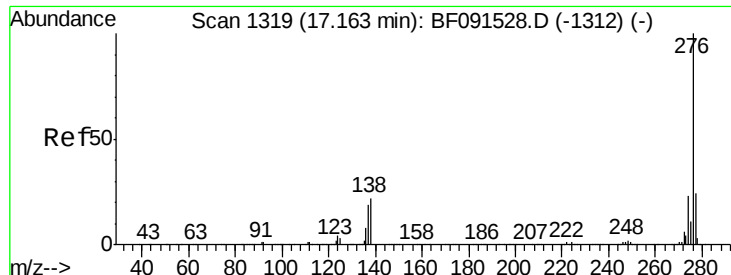


Abundance Ion 278.00 (277.70 to 278.70): E

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: 55.92 ng

RT: 17.17 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF091530.D

Acq: 9 Dec 2016 16:12

Instrument :

BNA_F

ClientSampleId :

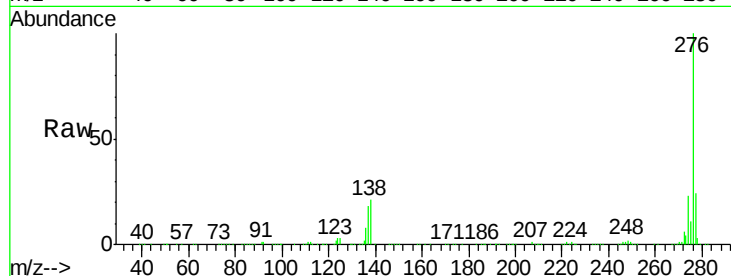
Tot Ion:276 Resp: 1511496

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 21.2 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

