

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
 Data File : BF091722.D
 Acq On : 18 Dec 2016 00:44
 Operator : UM/SJ
 Sample : PB95408BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Quant Time: Dec 18 02:56:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	303434	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1219949	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	665333	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	1062971	20.00	ng	0.00
75) Chrysene-d12	13.93	240	762789	20.00	ng	0.00
86) Perylene-d12	15.33	264	821744	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	2237296	123.53	ng	0.00
7) Phenol-d6	6.42	99	2736867	123.91	ng	0.00
23) Nitrobenzene-d5	7.34	82	1976856	93.45	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	686434	121.67	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	2916679	88.07	ng	0.00
78) Terphenyl-d14	12.88	244	2789550	92.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	252510	28.31	ng	98
3) Pyridine	3.02	79	912181	31.75	ng	96
4) n-Nitrosodimethylamine	2.99	42	453766	40.80	ng	99
6) Aniline	6.44	93	1020834	35.92	ng	# 50
8) 2-Chlorophenol	6.56	128	803602	40.31	ng	97
9) Benzaldehyde	6.32	77	120572	6.82	ng	96
10) Phenol	6.43	94	895476	35.97	ng	98
11) bis(2-Chloroethyl)ether	6.51	93	818113	41.14	ng	99
12) 1,3-Dichlorobenzene	6.70	146	829160	37.87	ng	# 90
13) 1,4-Dichlorobenzene	6.78	146	819909	37.01	ng	99
14) 1,2-Dichlorobenzene	6.94	146	827299	42.63	ng	98
15) Benzyl Alcohol	6.92	79	724704	42.38	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1228266	40.42	ng	99
17) 2-Methylphenol	7.04	107	723453	43.42	ng	99
18) Hexachloroethane	7.29	117	336632	40.90	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	595120	40.50	ng	98
20) 3+4-Methylphenols	7.20	107	859696	46.26	ng	# 91
22) Acetophenone	7.18	105	1200459	40.75	ng	100
24) Nitrobenzene	7.36	77	857554	37.75	ng	99
25) Isophorone	7.61	82	1872050	46.38	ng	100
26) 2-Nitrophenol	7.68	139	506298	46.20	ng	95
27) 2,4-Dimethylphenol	7.72	122	833591	46.63	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	1078957	45.69	ng	100
29) 2,4-Dichlorophenol	7.92	162	732840	44.45	ng	88
30) 1,2,4-Trichlorobenzene	8.00	180	744911	41.69	ng	# 94
31) Naphthalene	8.08	128	2302880	39.51	ng	100
32) Benzoic acid	7.87	122	616460	48.39	ng	97
33) 4-Chloroaniline	8.13	127	728826	29.69	ng	96
34) Hexachlorobutadiene	8.20	225	415705	41.38	ng	99
35) Caprolactam	8.52	113	172850	32.58	ng	89
36) 4-Chloro-3-methylphenol	8.62	107	800347	44.00	ng	99
37) 2-Methylnaphthalene	8.77	142	1705898	46.43	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	700793	42.26	ng	99
40) Hexachlorocyclopentadiene	8.93	237	780365	111.02	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

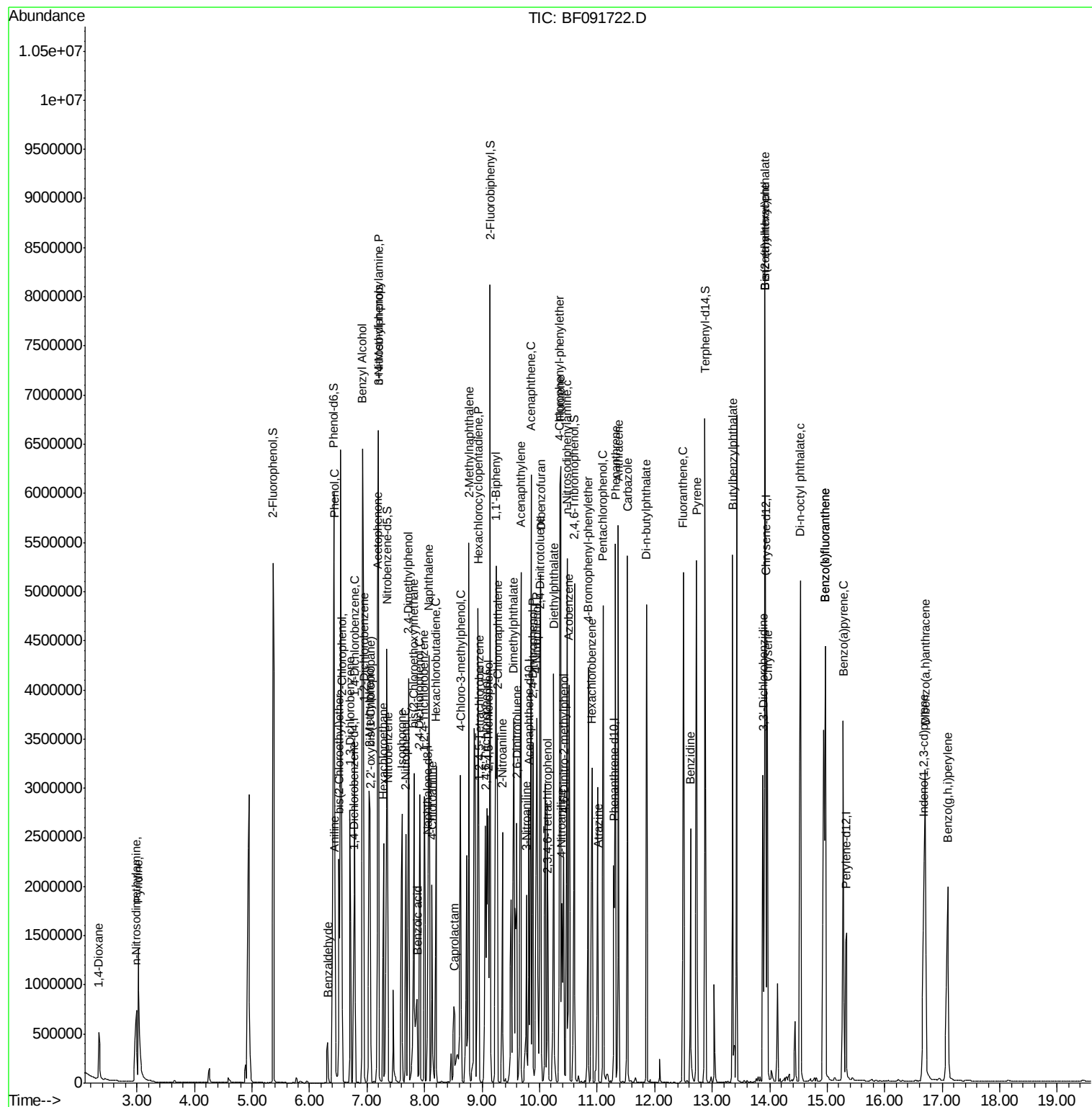
42) 2,4,6-Trichlorophenol	9.06	196	550565	46.46	ng	98
43) 2,4,5-Trichlorophenol	9.10	196	564519	48.49	ng	# 90
45) 1,1'-Biphenyl	9.24	154	2142995	44.94	ng	99
46) 2-Chloronaphthalene	9.26	162	1596910	44.81	ng	99
47) 2-Nitroaniline	9.36	65	501238	41.19	ng	98
48) Acenaphthylene	9.68	152	2414079	43.72	ng	100
49) Dimethylphthalate	9.55	163	2055498	47.30	ng	99
50) 2,6-Dinitrotoluene	9.61	165	475592	49.91	ng	97
51) Acenaphthene	9.85	154	1650680	43.56	ng	100
52) 3-Nitroaniline	9.77	138	329500	27.77	ng	98
53) 2,4-Dinitrophenol	9.88	184	513638	99.78	ng	# 68
54) Dibenzofuran	10.02	168	2076872	46.09	ng	99
55) 4-Nitrophenol	9.95	139	708350	85.98	ng	98
56) 2,4-Dinitrotoluene	10.01	165	526659	44.25	ng	90
57) Fluorene	10.36	166	1649605	47.13	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	433445	45.04	ng	99
59) Diethylphthalate	10.25	149	1972151	46.16	ng	96
60) 4-Chlorophenyl-phenylether	10.35	204	687062	43.09	ng	99
61) 4-Nitroaniline	10.38	138	484405	43.10	ng	99
62) Azobenzene	10.51	77	2064067	45.41	ng	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	362575	51.72	ng	81
65) n-Nitrosodiphenylamine	10.48	169	1474862	44.68	ng	99
66) 4-Bromophenyl-phenylether	10.84	248	496789	44.57	ng	99
67) Hexachlorobenzene	10.91	284	558636	47.83	ng	98
68) Atrazine	11.01	200	534283	53.56	ng	93
69) Pentachlorophenol	11.10	266	575466	91.30	ng	98
70) Phenanthrene	11.32	178	2700092	50.84	ng	99
71) Anthracene	11.37	178	2362950	42.00	ng	100
72) Carbazole	11.53	167	2395613	48.70	ng	100
73) Di-n-butylphthalate	11.86	149	2746218	43.54	ng	100
74) Fluoranthene	12.50	202	2418570	43.60	ng	100
76) Benzidine	12.62	184	988233	45.01	ng	98
77) Pyrene	12.73	202	2397229	43.52	ng	99
79) Butylbenzylphthalate	13.36	149	1270418	49.27	ng	98
80) Benzo(a)anthracene	13.92	228	2044536	46.86	ng	100
81) 3,3'-Dichlorobenzidine	13.88	252	646351	37.02	ng	98
82) Chrysene	13.96	228	2072043	45.82	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1418223	43.36	ng	99
84) Di-n-octyl phthalate	14.53	149	3003286	49.83	ng	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	2151824	48.39	ng	100
87) Benzo(b)fluoranthene	14.97	252	4179469	80.21	ng	# 98
88) Benzo(k)fluoranthene	14.97	252	4180223	114.34	ng	99
89) Benzo(a)pyrene	15.28	252	1973041	44.12	ng	99
90) Dibenzo(a,h)anthracene	16.71	278	1721319	44.16	ng	100
91) Benzo(g,h,i)perylene	17.09	276	1793660	45.27	ng	# 96

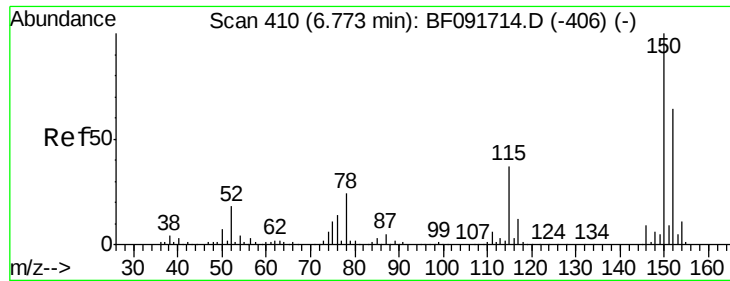
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

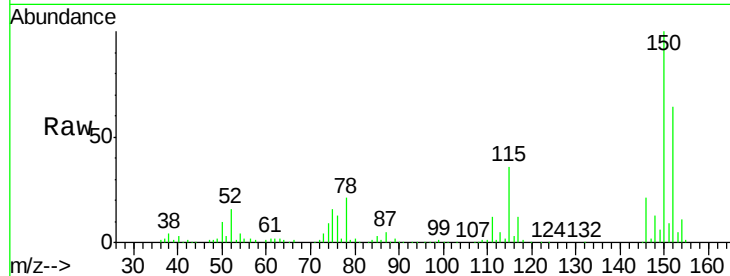
Tgt Ion:152 Resp: 303434

Ion Ratio Lower Upper

152 100

150 156.8 124.9 187.3

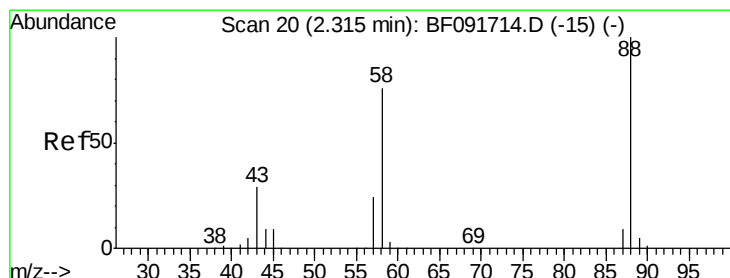
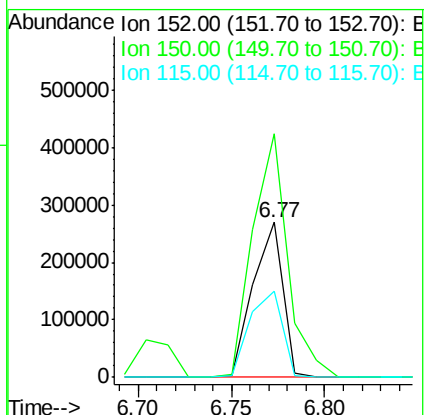
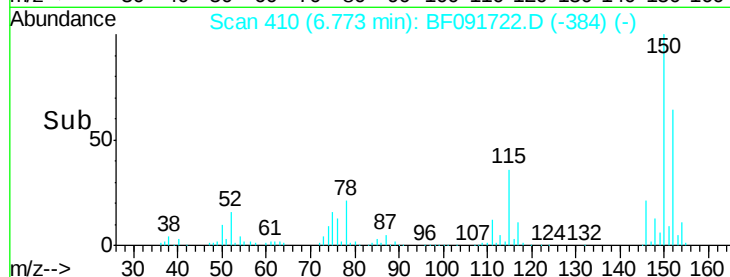
115 55.9 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.31 ng

RT: 2.34 min Scan# 22

Delta R.T. 0.02 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

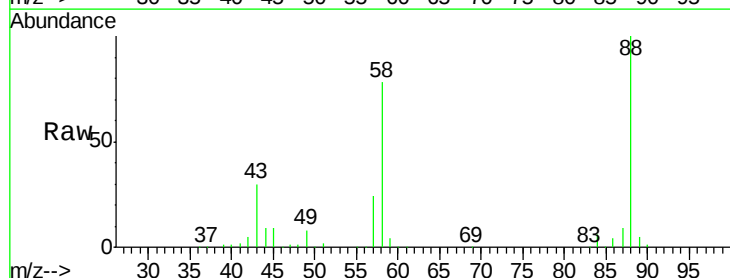
Tgt Ion: 88 Resp: 252510

Ion Ratio Lower Upper

88 100

58 73.7 57.8 86.8

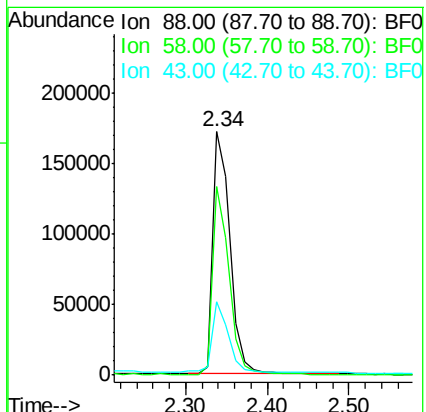
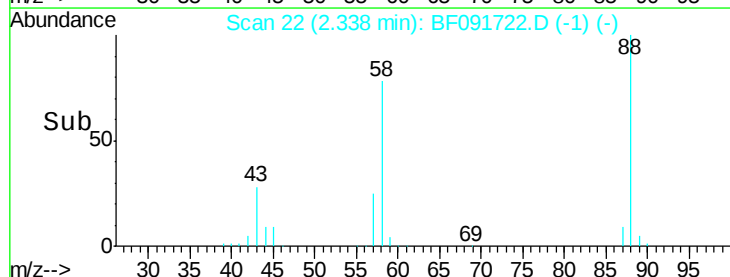
43 29.0 22.3 33.5

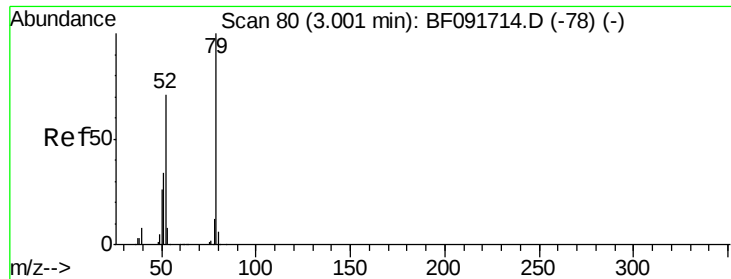


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.75 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.02 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

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PB95408BS

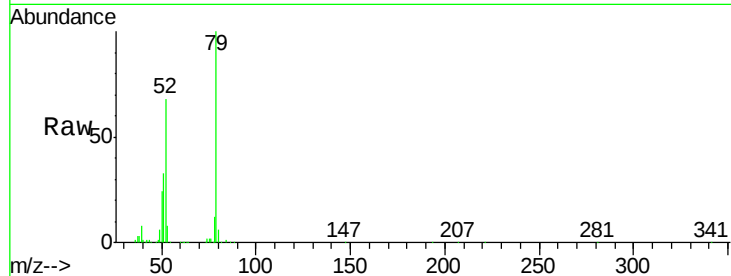
Tgt Ion: 79 Resp: 912181

Ion Ratio Lower Upper

79 100

52 67.7 57.1 85.7

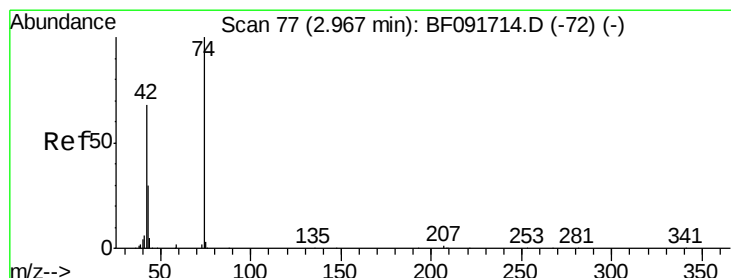
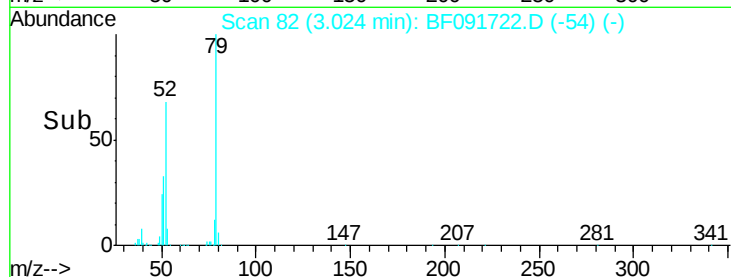
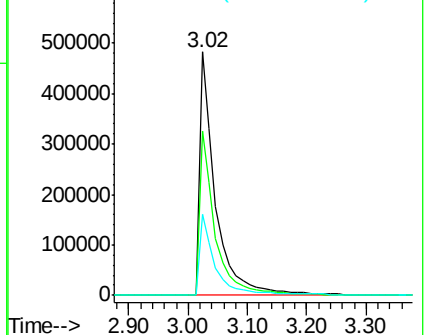
51 33.0 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.80 ng

RT: 2.99 min Scan# 79

Delta R.T. 0.02 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

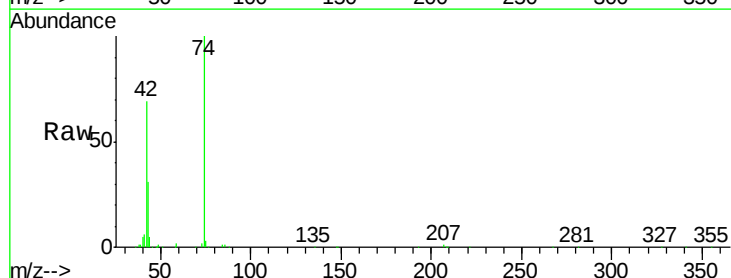
Tgt Ion: 42 Resp: 453766

Ion Ratio Lower Upper

42 100

74 145.4 117.0 175.4

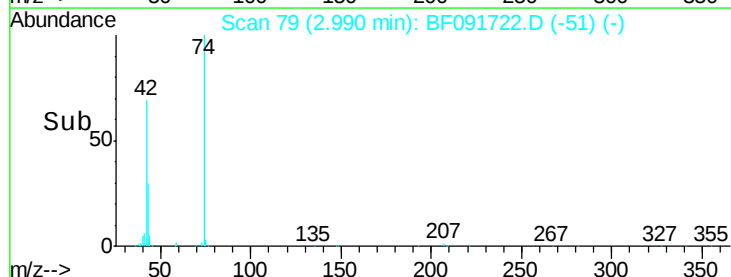
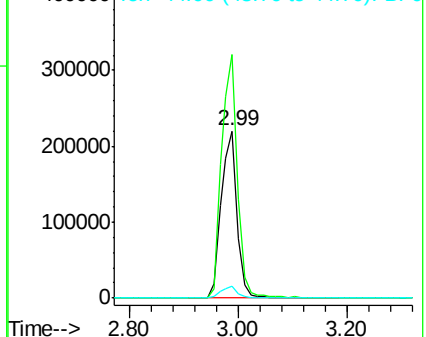
44 6.9 5.5 8.3

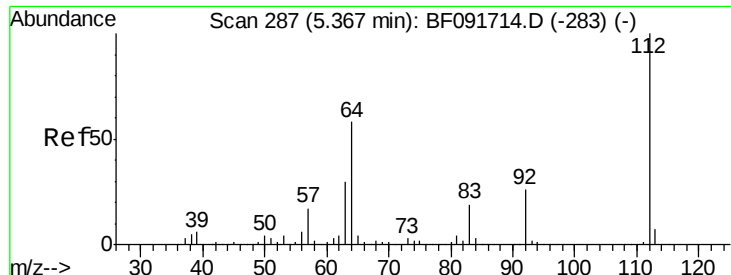


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 123.53 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091722.D

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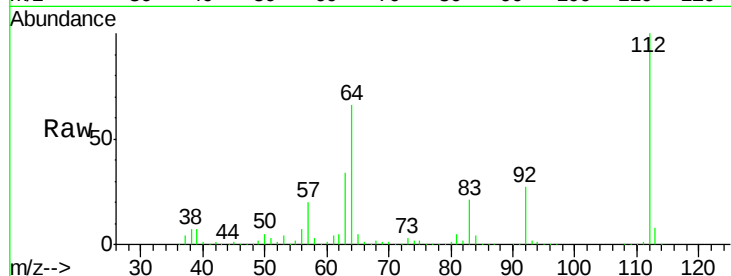
Tgt Ion: 112 Resp: 2237296

Ion Ratio Lower Upper

112 100

64 65.9 46.1 69.1

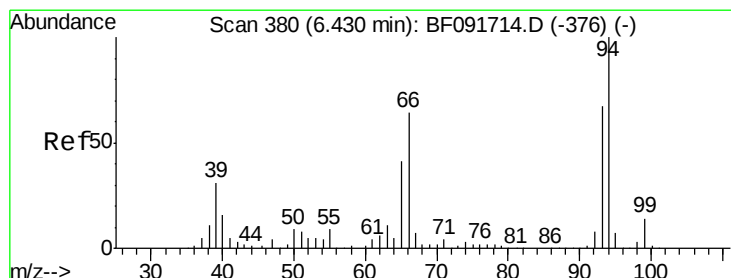
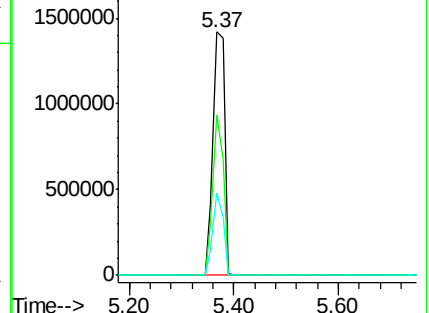
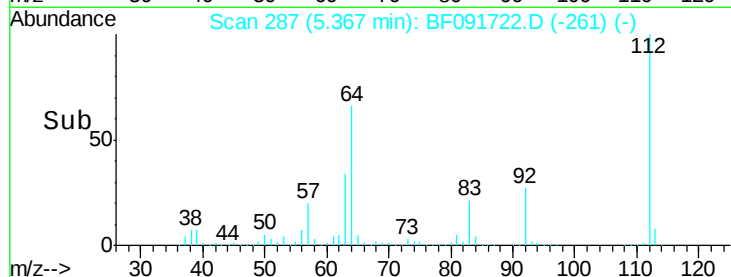
63 33.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.92 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

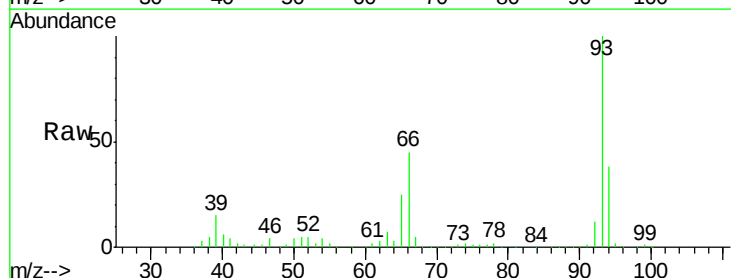
Tgt Ion: 93 Resp: 1020834

Ion Ratio Lower Upper

93 100

66 45.0 76.2 114.2#

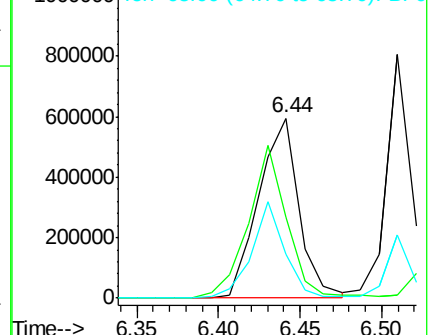
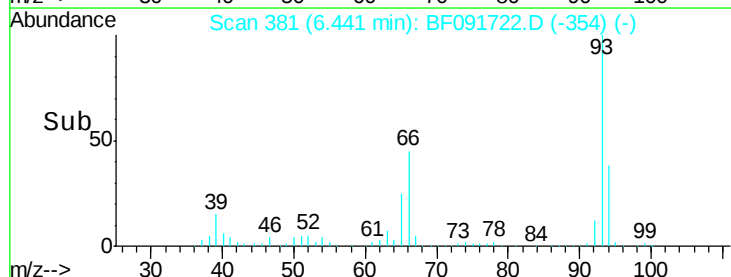
65 24.7 49.3 73.9#

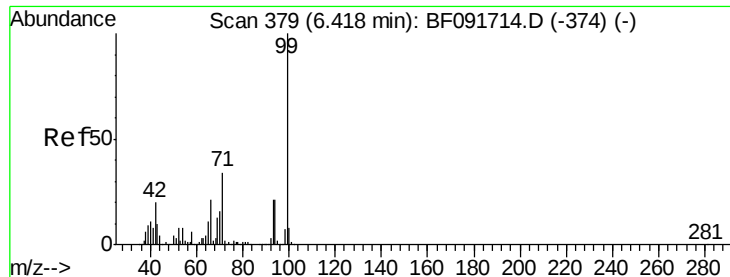


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.91 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

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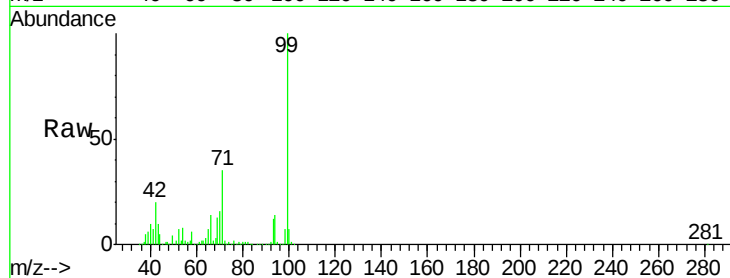
Tgt Ion: 99 Resp: 2736867

Ion Ratio Lower Upper

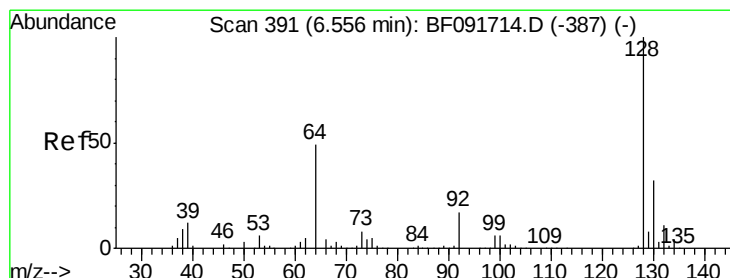
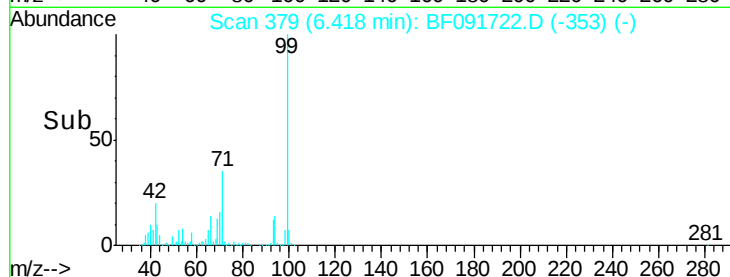
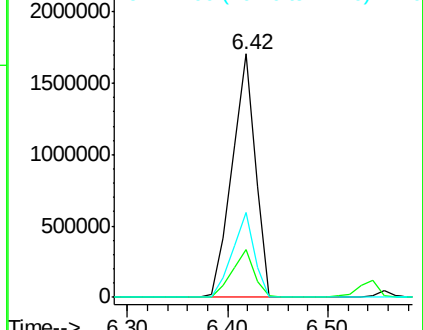
99 100

42 19.7 15.6 23.4

71 34.9 27.5 41.3



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



#8

2-Chlorophenol

Concen: 40.31 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

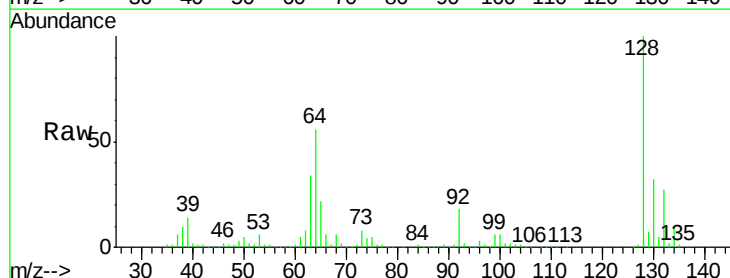
Tgt Ion: 128 Resp: 803602

Ion Ratio Lower Upper

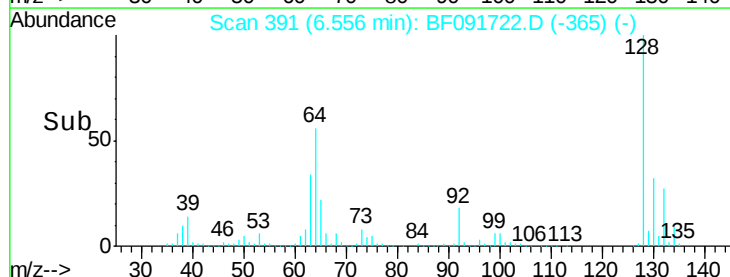
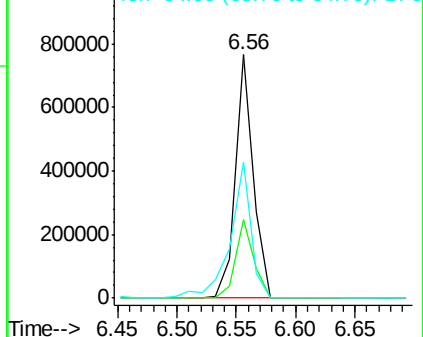
128 100

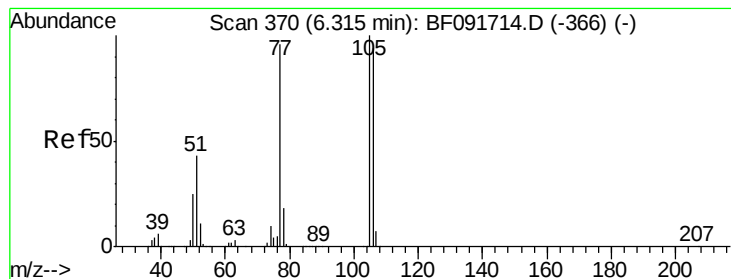
130 32.3 12.3 52.3

64 55.9 32.2 72.2



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





#9

Benzaldehyde

Concen: 6.82 ng

RT: 6.32 min Scan# 370

Delta R.T. 0.00 min

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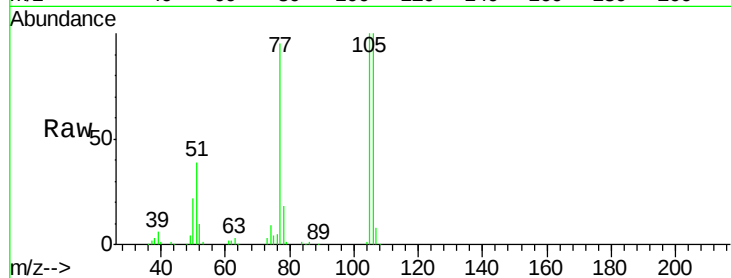
Tgt Ion: 77 Resp: 120572

Ion Ratio Lower Upper

77 100

105 105.4 83.9 123.9

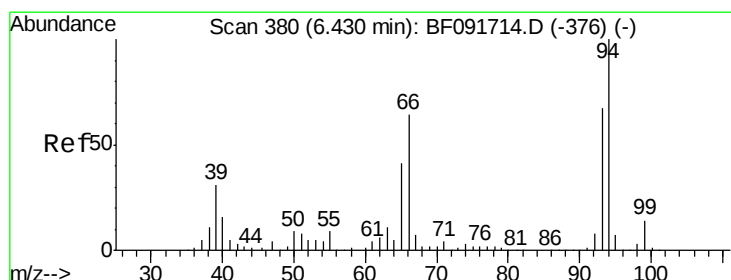
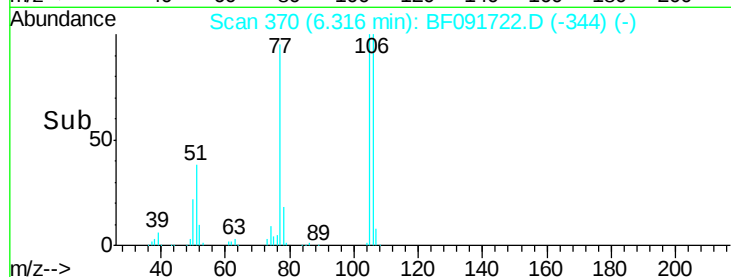
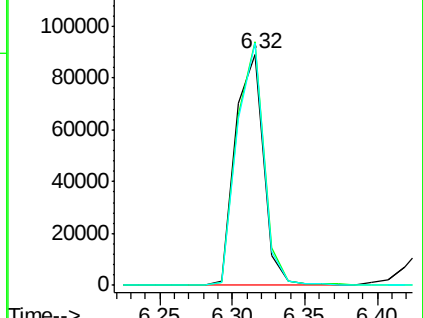
106 105.1 77.6 117.6



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: 35.97 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

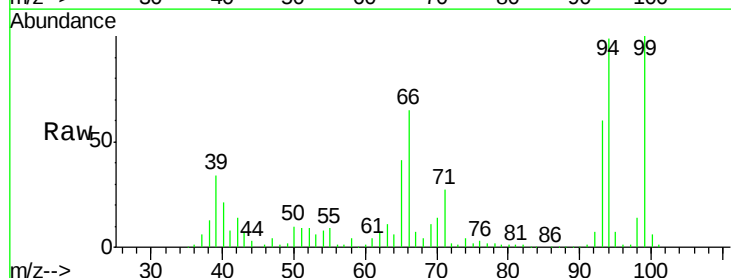
Tgt Ion: 94 Resp: 895476

Ion Ratio Lower Upper

94 100

65 41.9 21.4 61.4

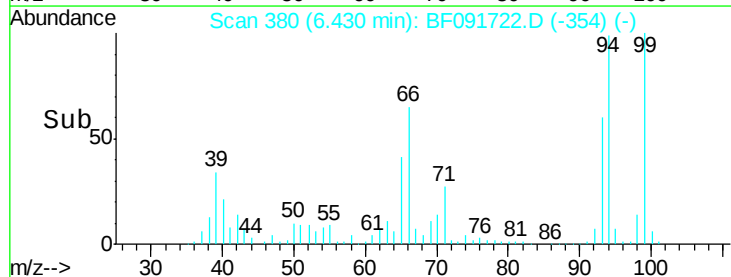
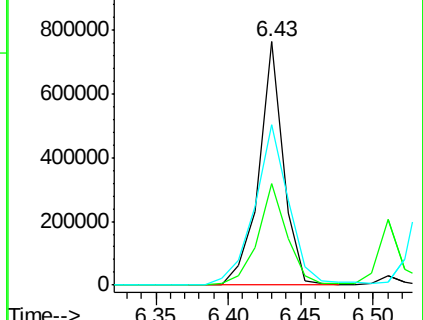
66 66.0 44.0 84.0

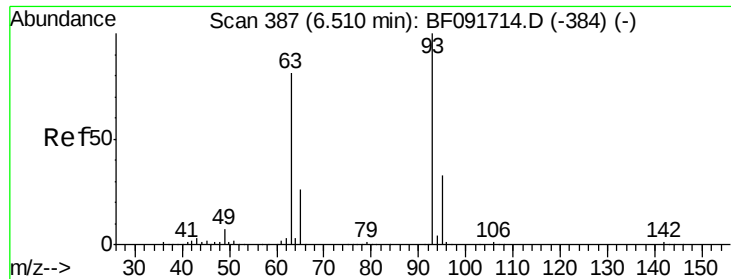


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

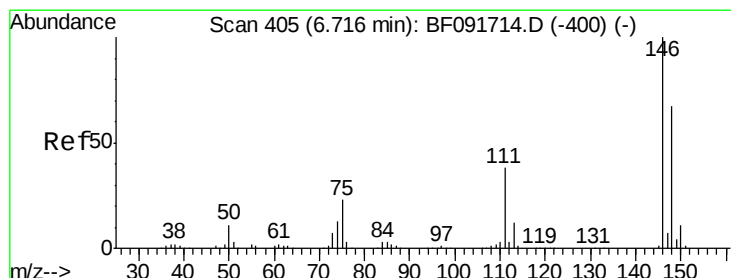
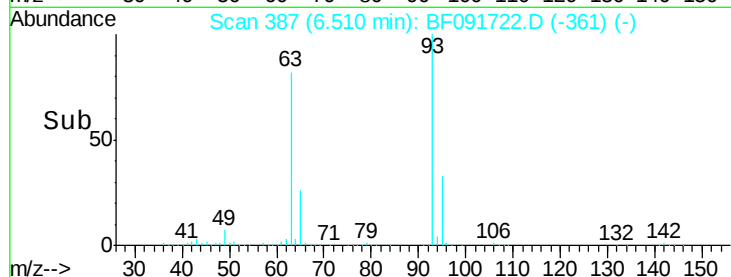
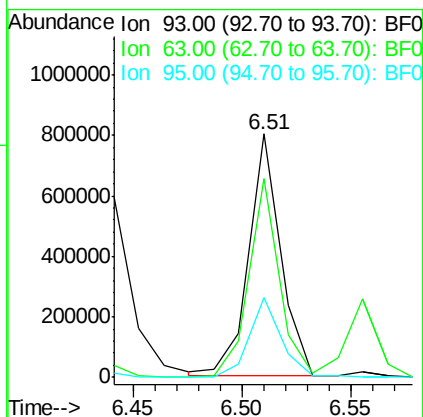
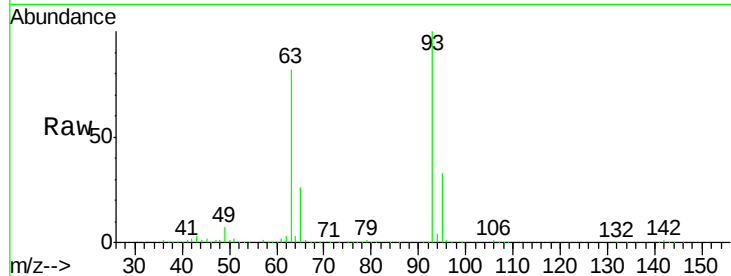




#11
bis(2-Chloroethyl)ether
Concen: 41.14 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

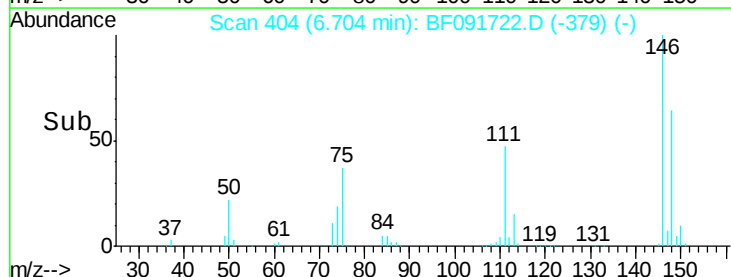
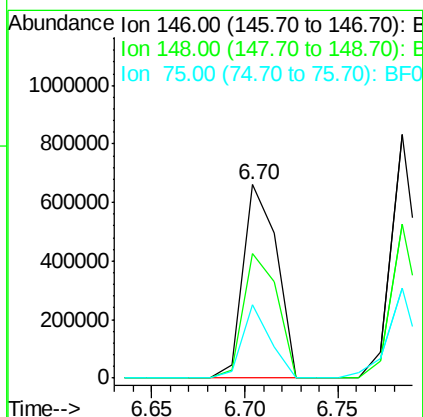
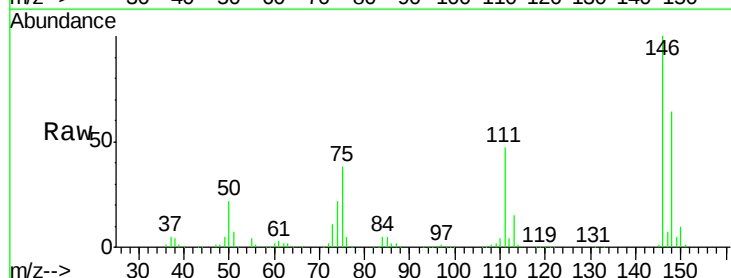
Instrument :
BNA_F
ClientSampleId :
PB95408BS

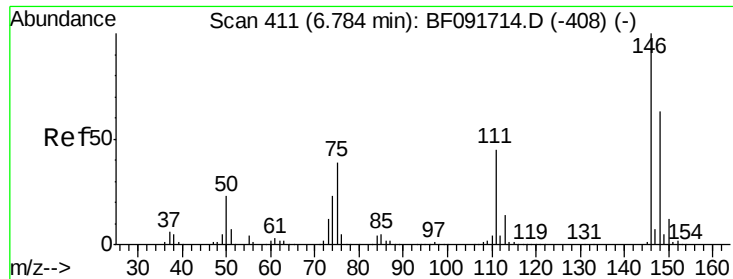
Tgt Ion: 93 Resp: 818113
Ion Ratio Lower Upper
93 100
63 81.7 60.4 100.4
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.87 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion: 146 Resp: 829160
Ion Ratio Lower Upper
146 100
148 64.2 53.4 80.0
75 38.0 18.5 27.7#

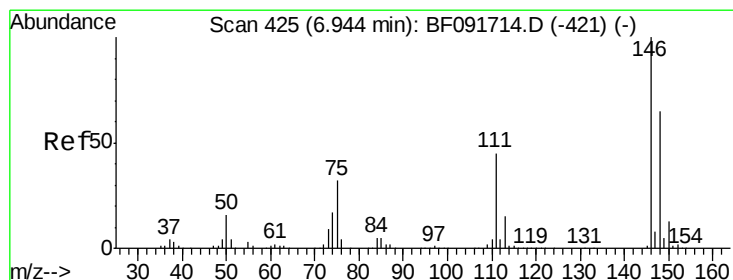
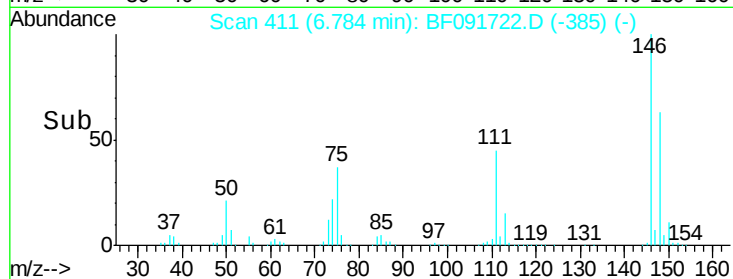
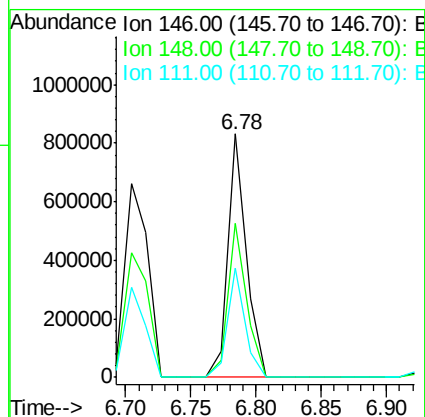
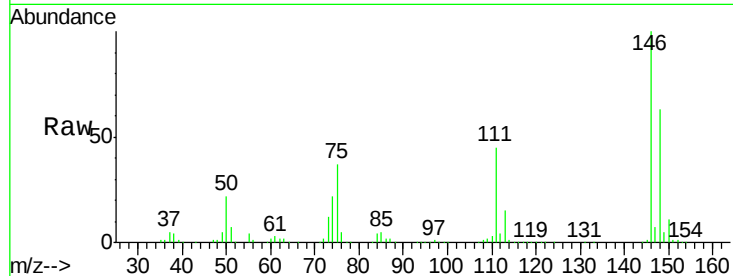




#13
 1,4-Dichlorobenzene
 Concen: 37.01 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

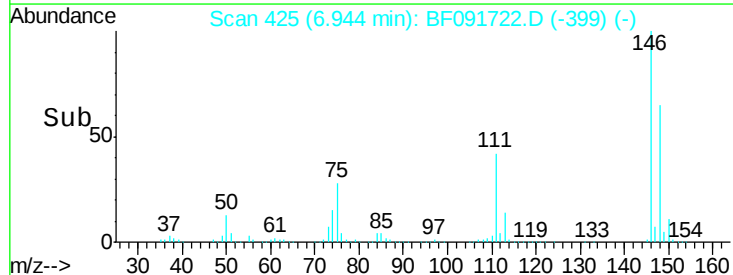
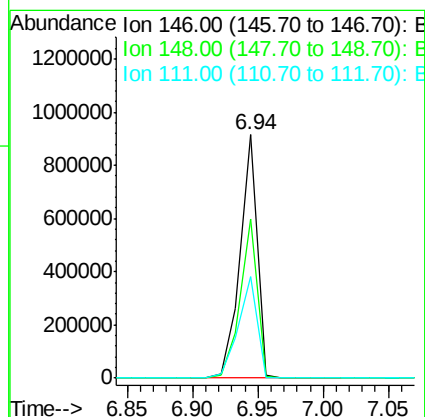
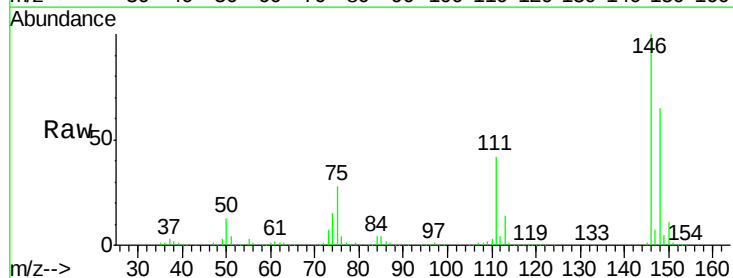
Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

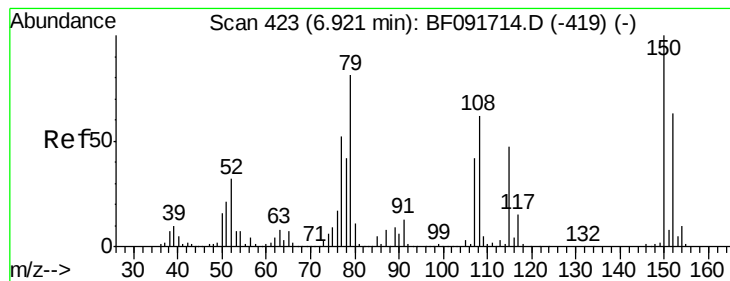
Tgt Ion:146 Resp: 819909
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 76.0
 111 44.6 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 42.63 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion:146 Resp: 827299
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 41.7 36.2 54.2





#15

Benzyl Alcohol

Concen: 42.38 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

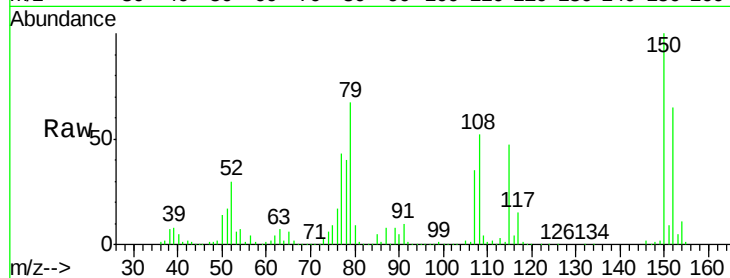
Tgt Ion: 79 Resp: 724704

Ion Ratio Lower Upper

79 100

108 76.6 61.4 92.0

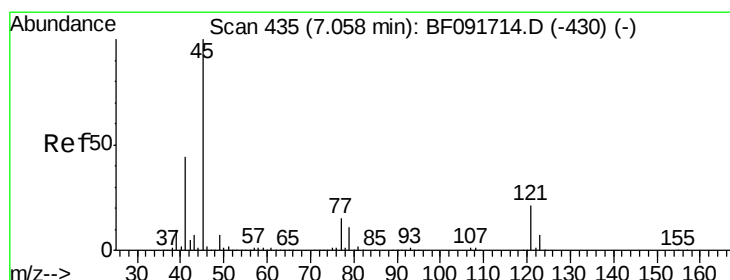
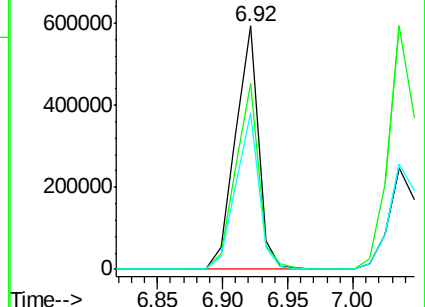
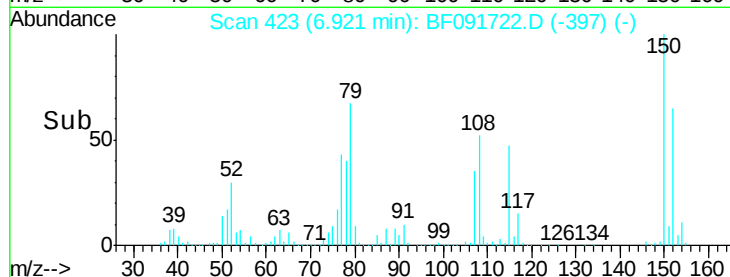
77 64.1 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.42 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

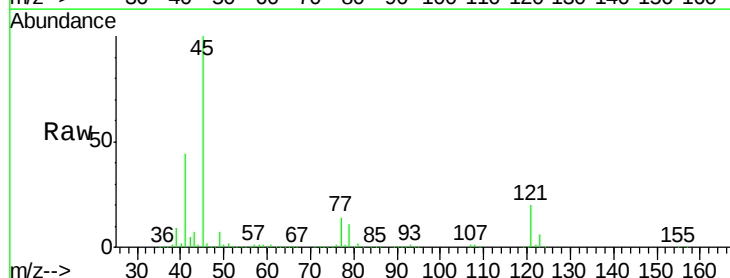
Tgt Ion: 45 Resp: 1228266

Ion Ratio Lower Upper

45 100

77 14.0 0.0 34.6

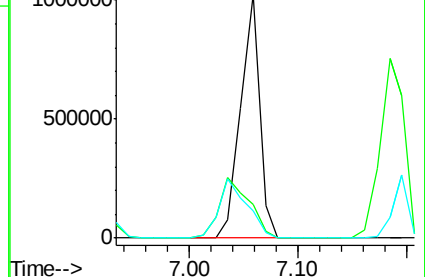
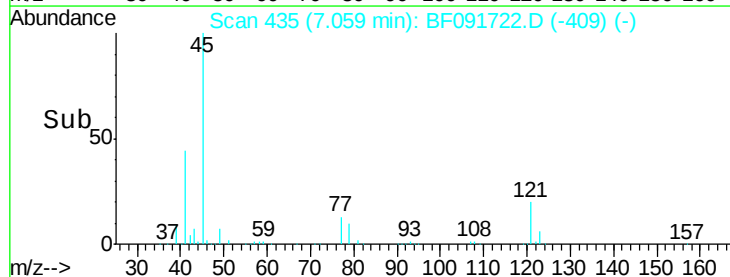
79 11.0 0.0 31.2

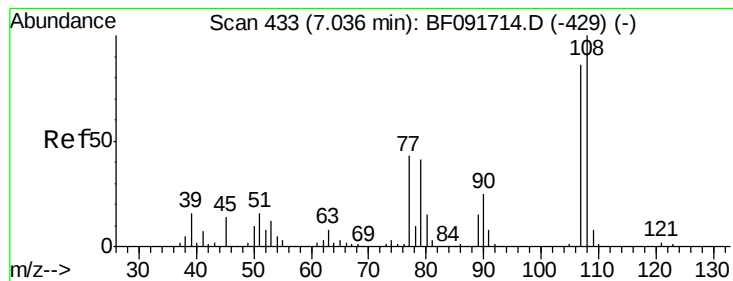


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 43.42 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

Tgt Ion:107 Resp: 723453

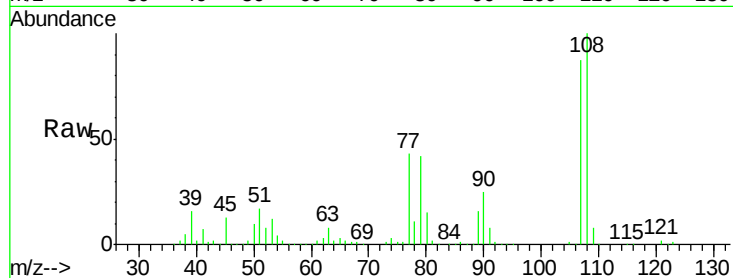
Ion Ratio Lower Upper

107 100

108 114.4 93.0 139.6

77 49.5 39.8 59.8

79 47.8 38.0 57.0

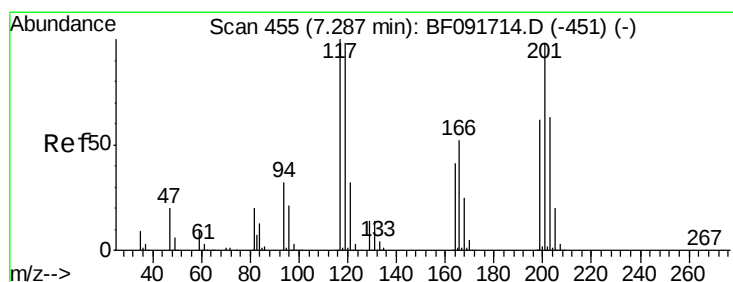
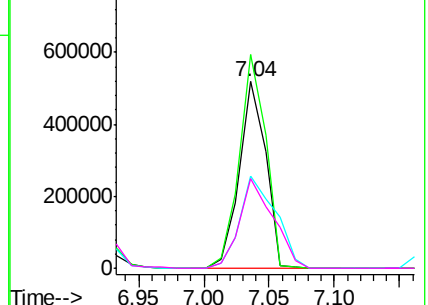
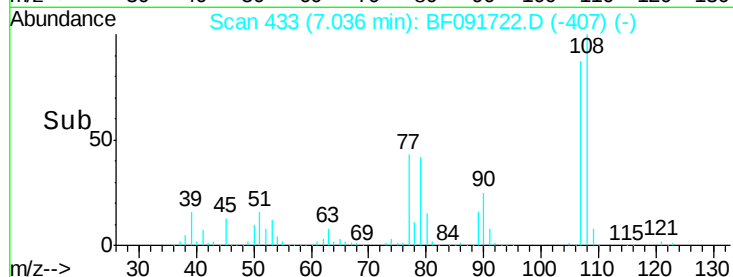


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.90 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

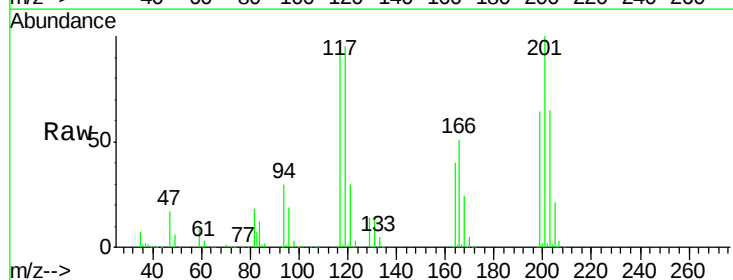
Tgt Ion:117 Resp: 336632

Ion Ratio Lower Upper

117 100

119 98.5 78.1 117.1

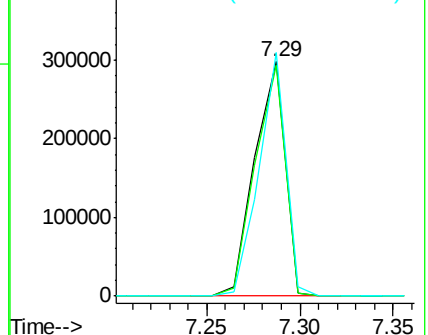
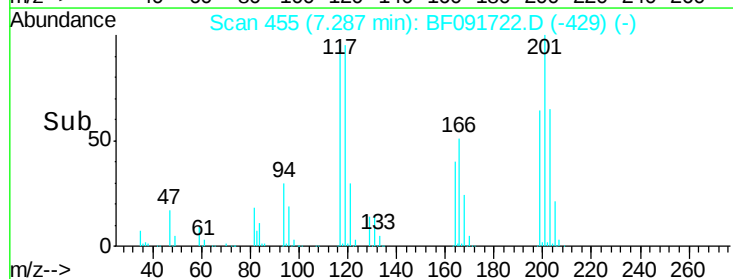
201 104.0 78.6 117.8

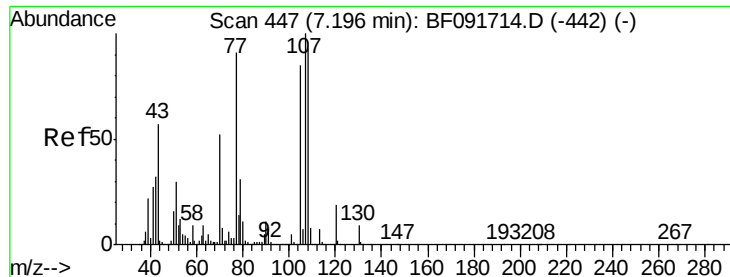


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

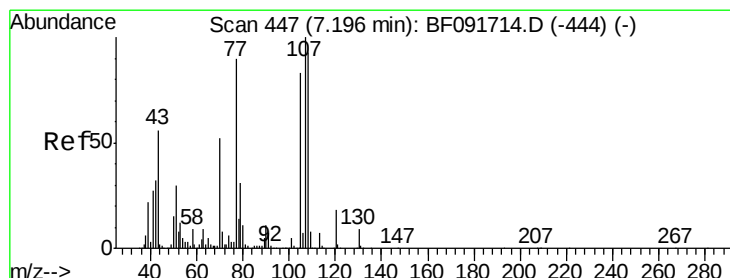
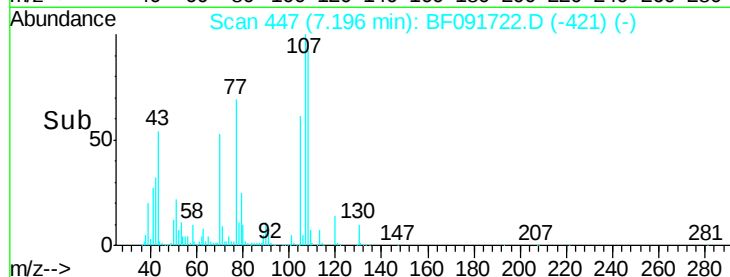
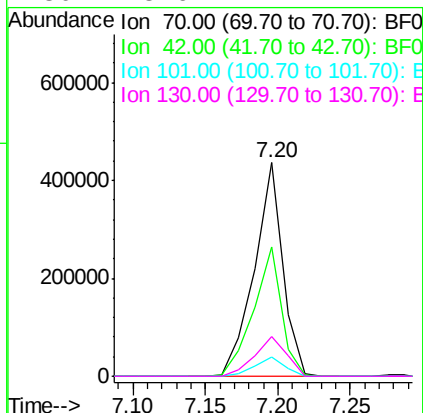
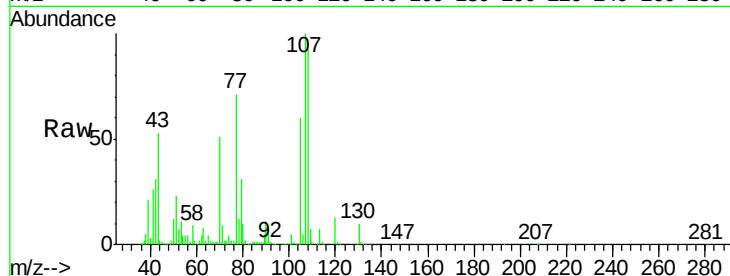




#19
n-Nitroso-di-n-propylamine
Concen: 40.50 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

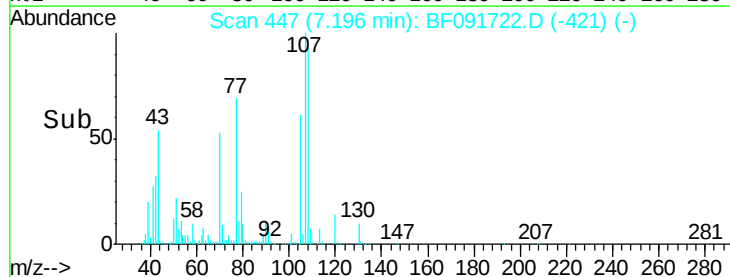
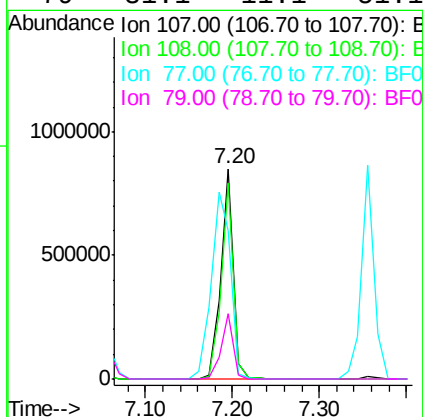
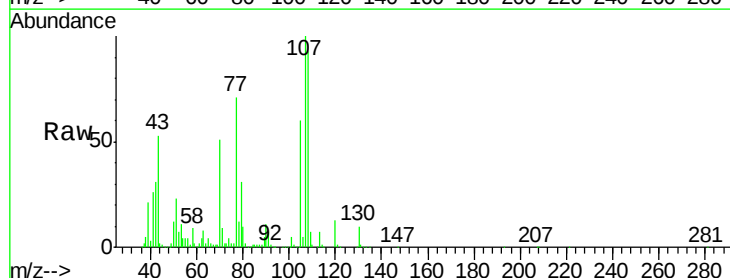
Instrument :
BNA_F
ClientSampleId :
PB95408BS

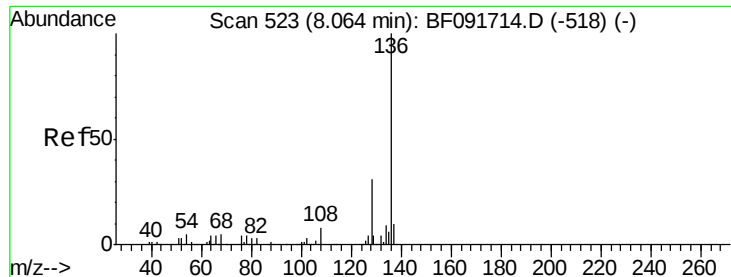
Tgt Ion:	70	Resp:	595120
Ion	Ratio	Lower	Upper
70	100		
42	60.6	49.4	74.0
101	8.9	7.4	11.2
130	18.6	14.2	21.4



#20
3+4-Methylphenols
Concen: 46.26 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion:	107	Resp:	859696
Ion	Ratio	Lower	Upper
107	100		
108	93.3	73.0	113.0
77	70.8	71.3	111.3#
79	31.1	11.1	51.1

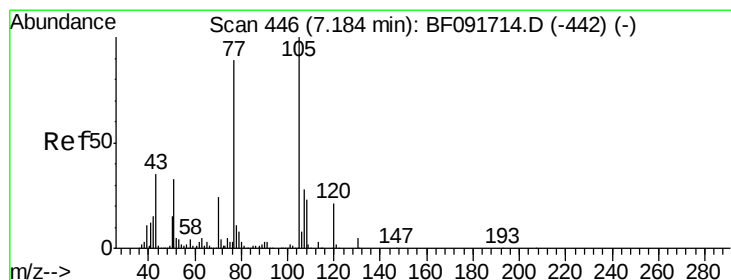
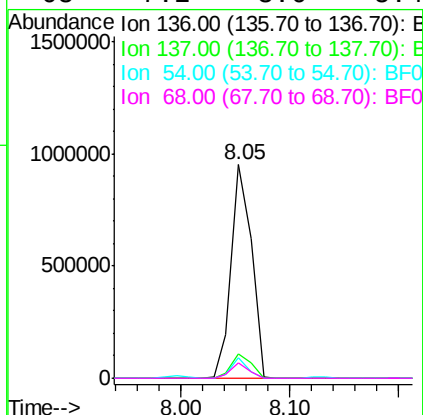
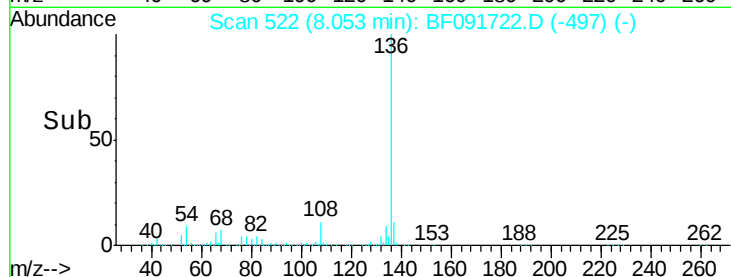
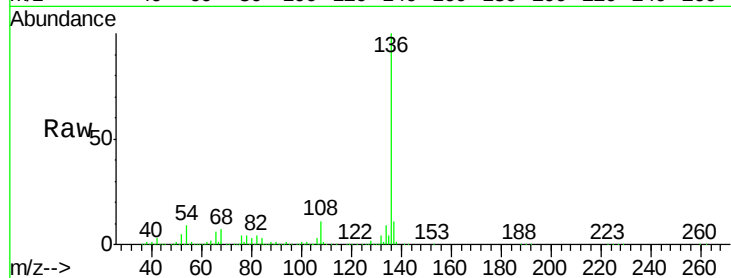




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

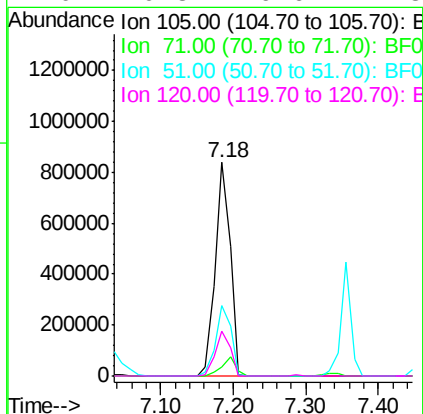
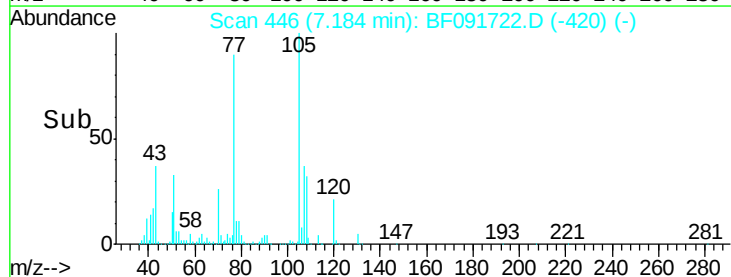
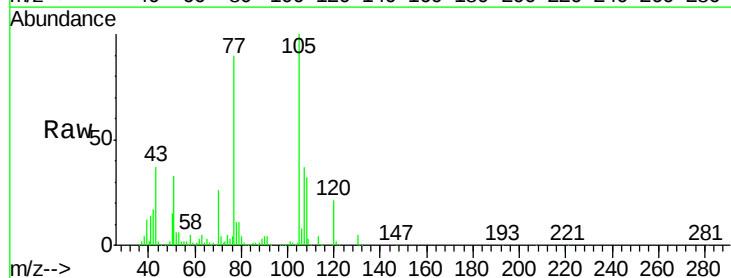
Instrument :
BNA_F
ClientSampleId :
PB95408BS

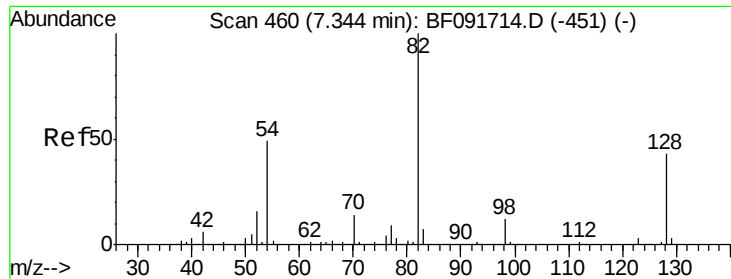
Tgt Ion:	136	Resp:	1219949
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.3	4.5	6.7#
68	7.2	3.6	5.4#



#22
Acetophenone
Concen: 40.75 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion:	105	Resp:	1200459
Ion	Ratio	Lower	Upper
105	100		
71	4.5	3.2	4.8
51	32.9	26.2	39.4
120	20.8	16.6	24.8





#23

Nitrobenzene-d5

Concen: 93.45 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

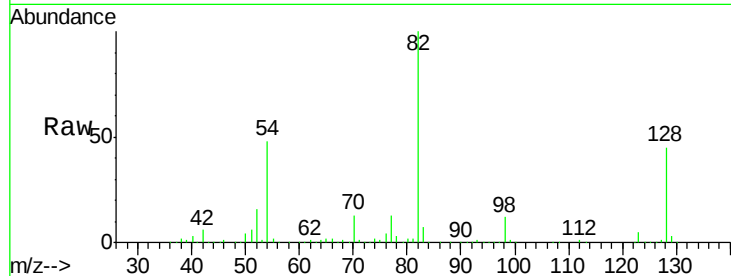
Tgt Ion: 82 Resp: 1976856

Ion Ratio Lower Upper

82 100

128 45.1 34.6 52.0

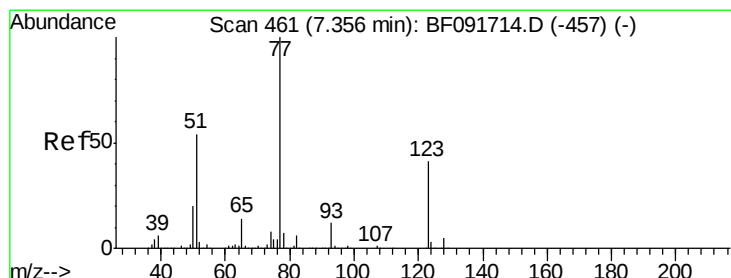
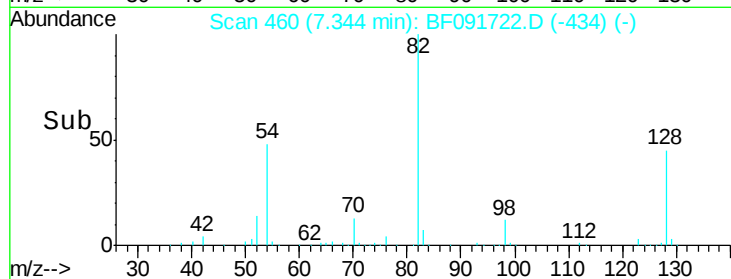
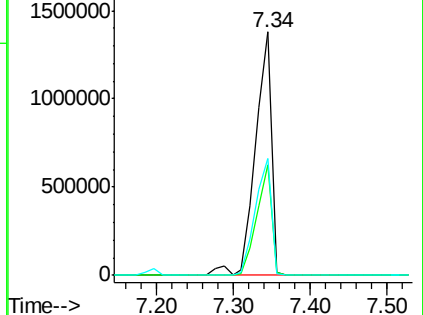
54 48.2 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.75 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

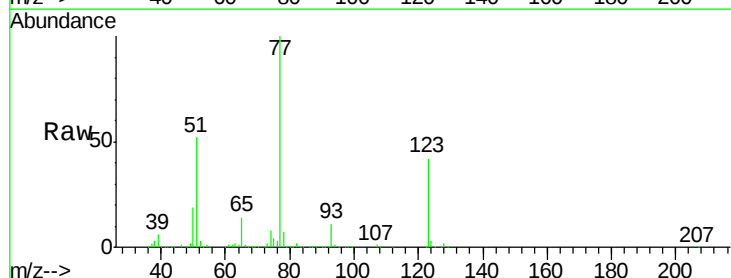
Tgt Ion: 77 Resp: 857554

Ion Ratio Lower Upper

77 100

123 42.2 33.0 49.4

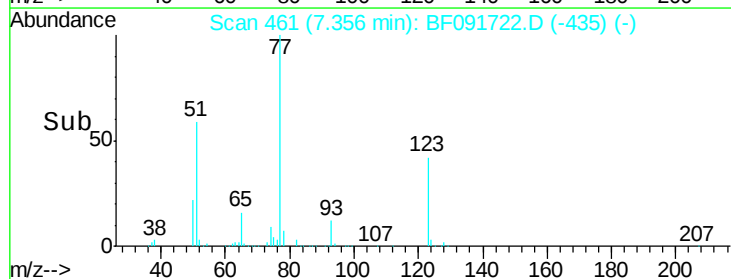
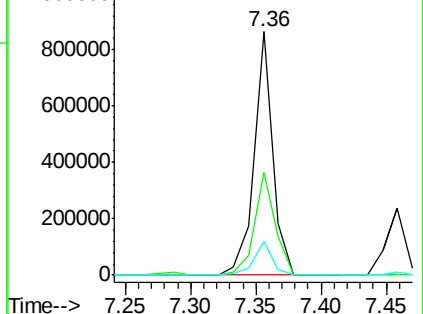
65 13.7 11.2 16.8

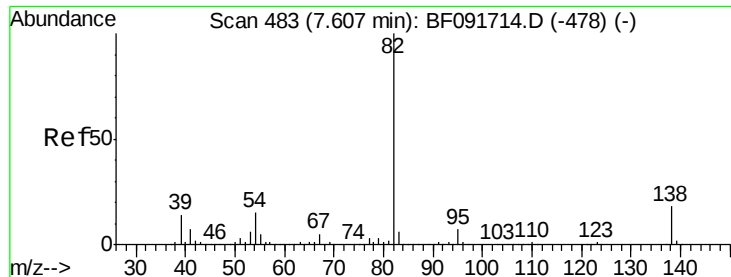


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

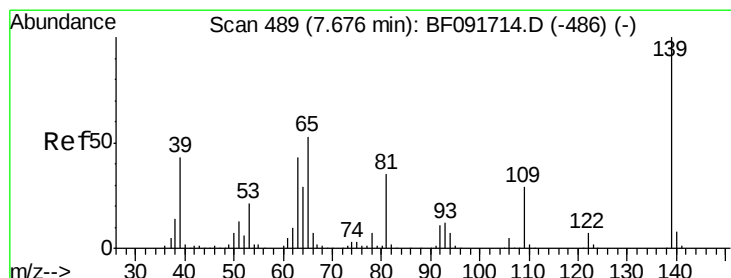
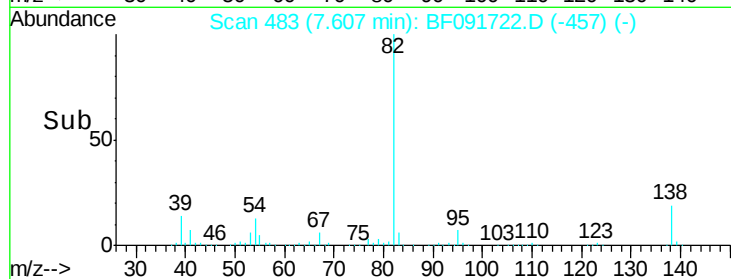
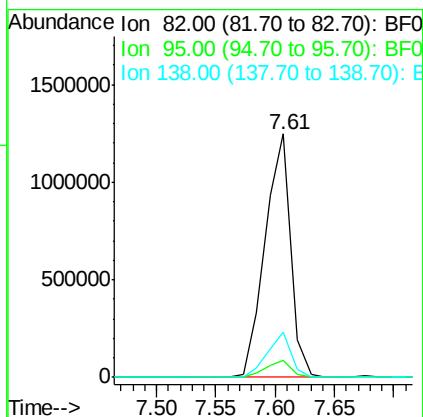
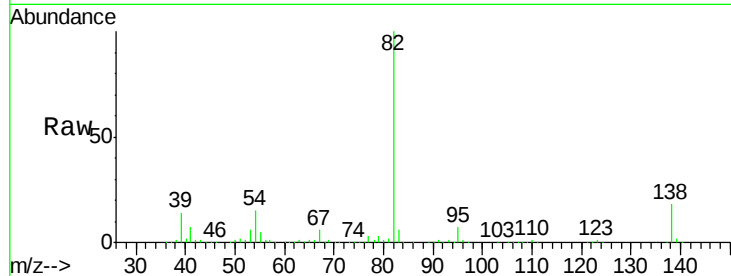




#25
Isophorone
Concen: 46.38 ng
RT: 7.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

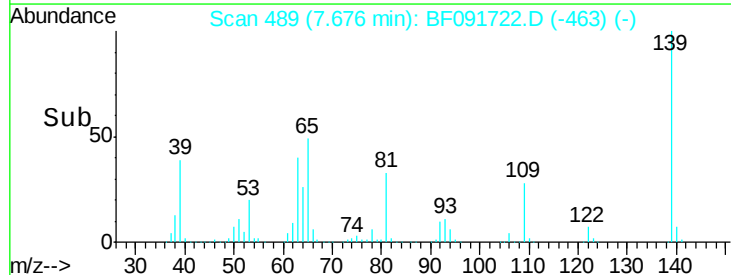
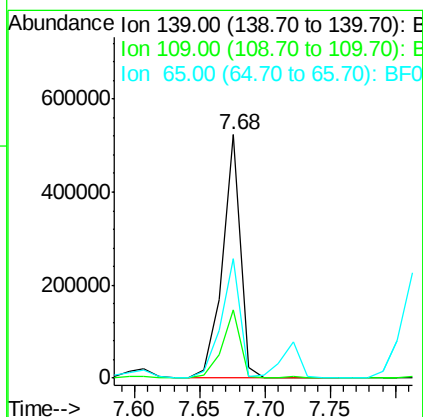
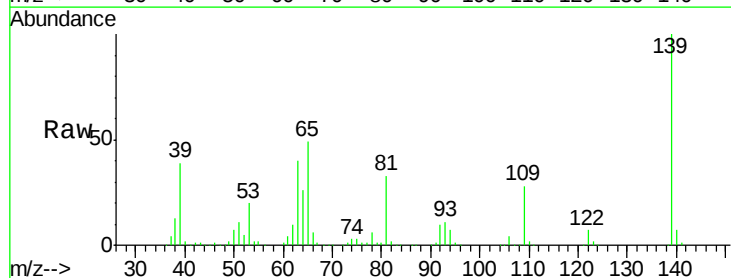
Instrument :
BNA_F
ClientSampleId :
PB95408BS

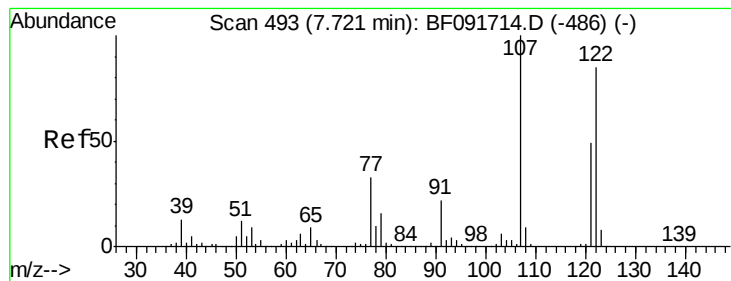
Tgt Ion: 82 Resp: 1872050
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 18.3 14.6 22.0



#26
2-Nitrophenol
Concen: 46.20 ng
RT: 7.68 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion: 139 Resp: 506298
Ion Ratio Lower Upper
139 100
109 28.1 23.3 34.9
65 49.1 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 46.63 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

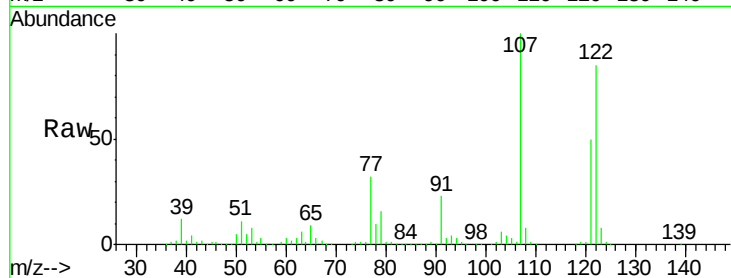
Tgt Ion:122 Resp: 833591

Ion Ratio Lower Upper

122 100

107 117.1 94.1 141.1

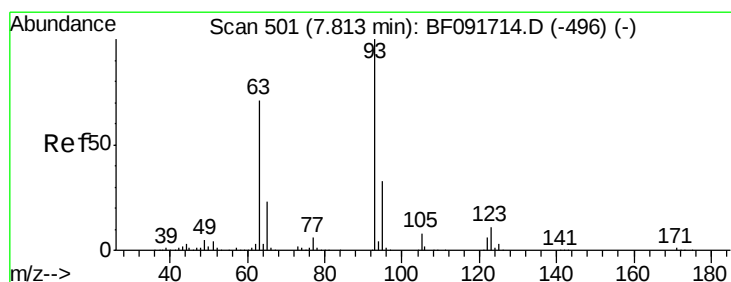
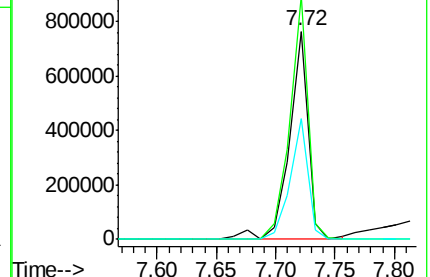
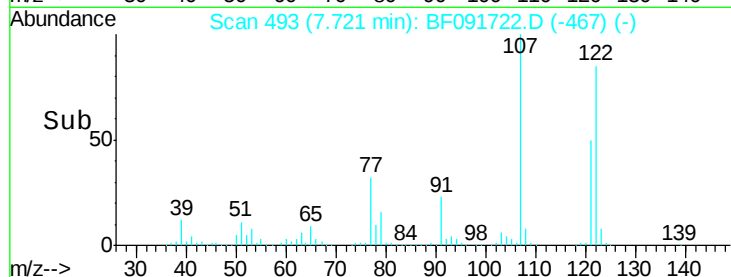
121 58.1 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.69 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

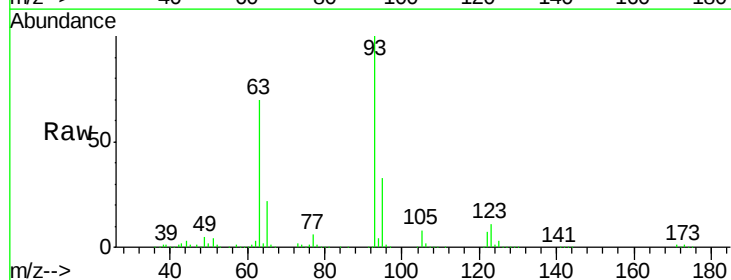
Tgt Ion: 93 Resp: 1078957

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

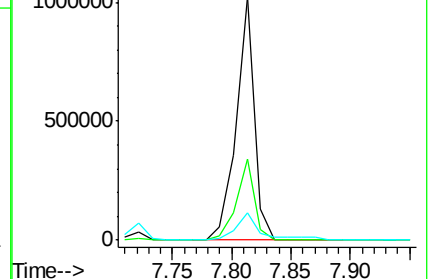
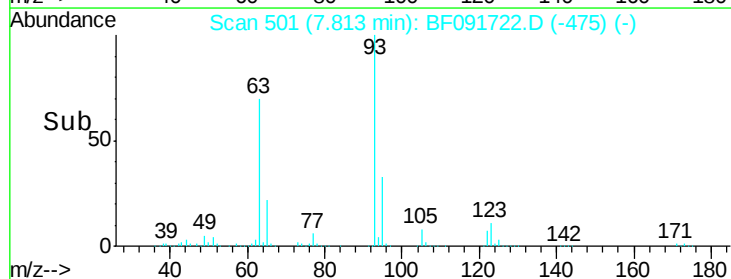
123 11.0 8.6 13.0

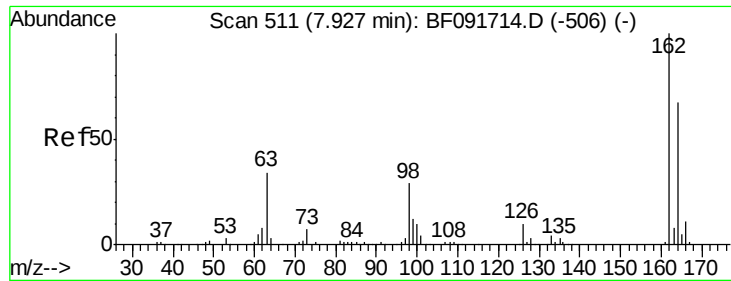


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.45 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

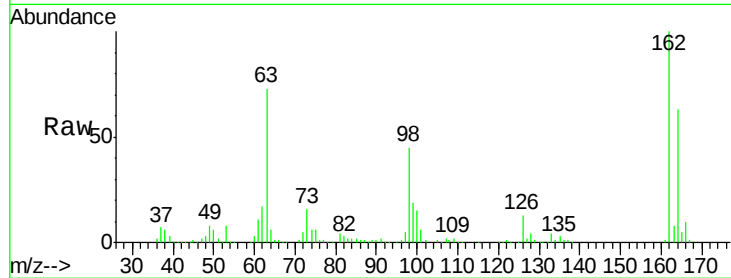
Tgt Ion:162 Resp: 732840

Ion Ratio Lower Upper

162 100

164 63.5 46.8 86.8

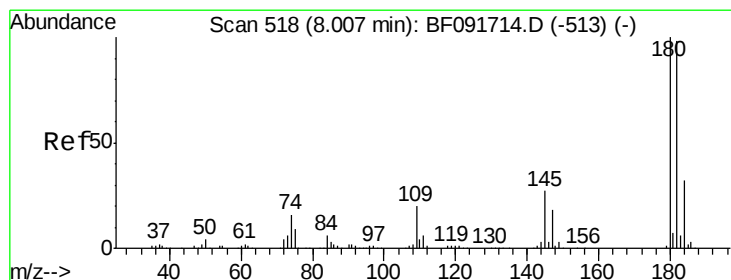
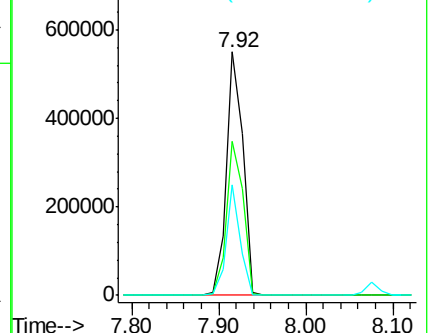
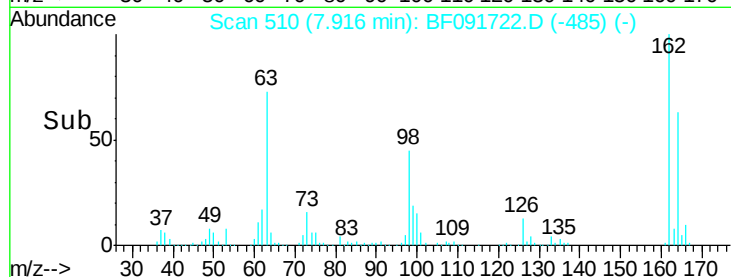
98 45.5 9.1 49.1



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: 41.69 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

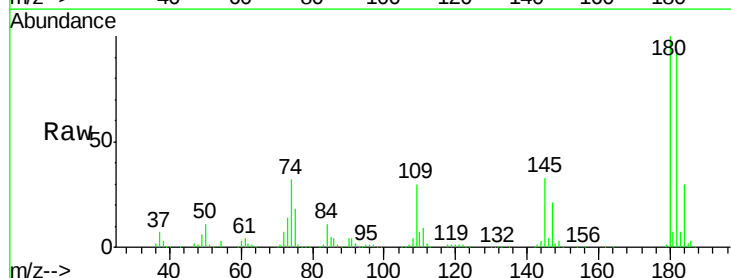
Tgt Ion:180 Resp: 744911

Ion Ratio Lower Upper

180 100

182 93.8 78.2 117.4

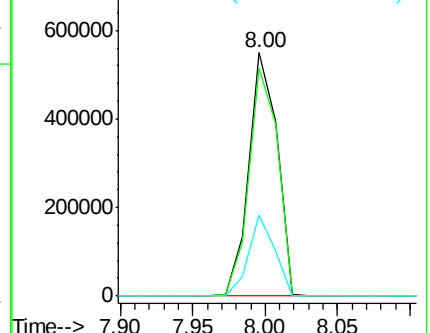
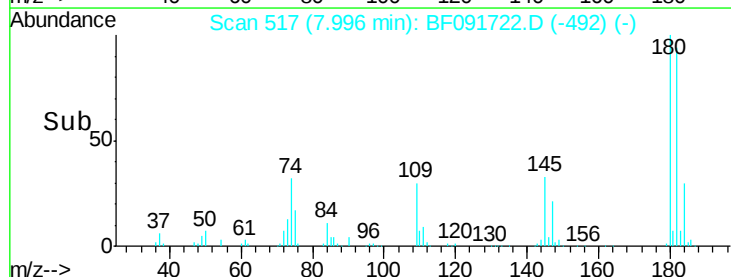
145 33.2 21.6 32.4#

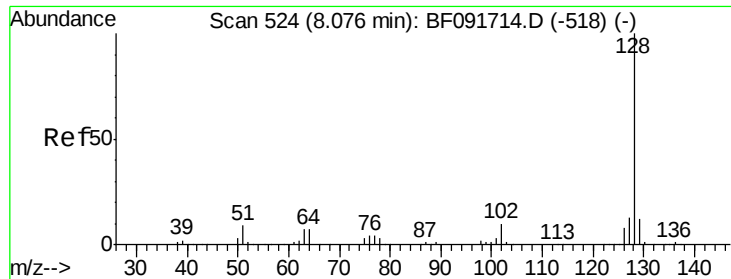


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

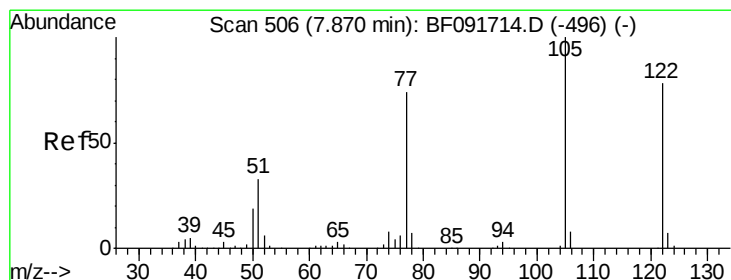
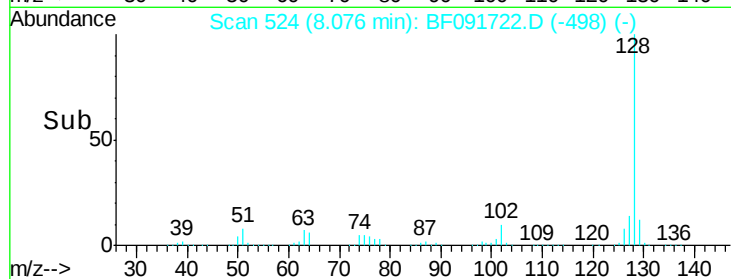
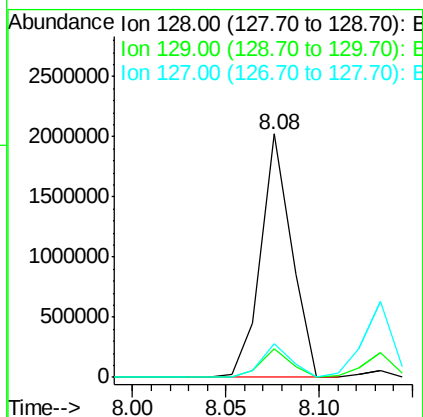
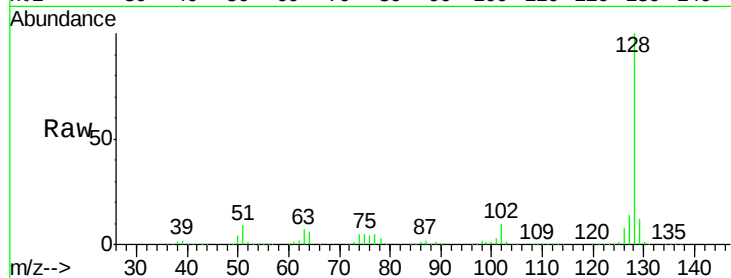




#31
Naphthalene
Concen: 39.51 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

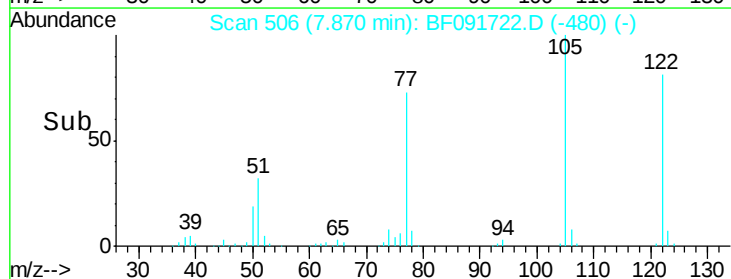
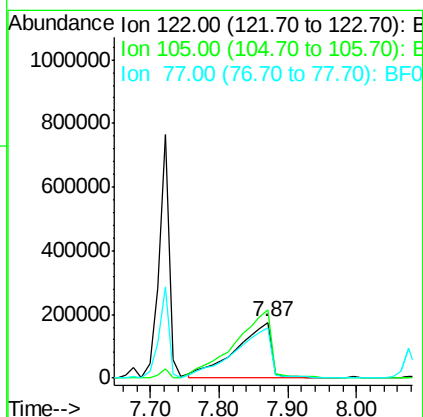
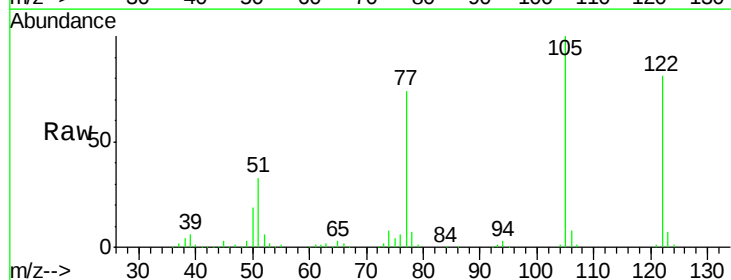
Instrument :
BNA_F
ClientSampled :
PB95408BS

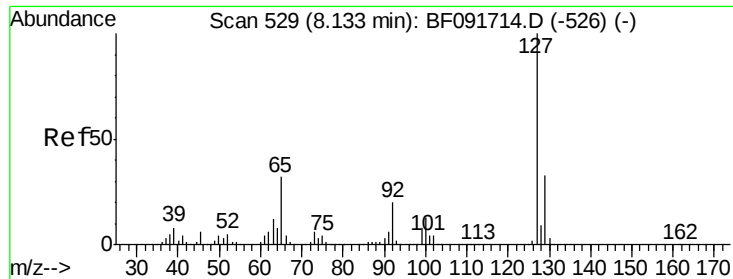
Tgt Ion:128 Resp: 2302880
Ion Ratio Lower Upper
128 100
129 11.9 9.5 14.3
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 48.39 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion:122 Resp: 616460
Ion Ratio Lower Upper
122 100
105 123.8 107.2 147.2
77 91.4 74.5 114.5

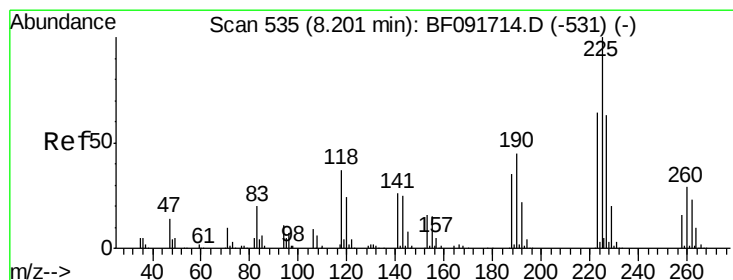
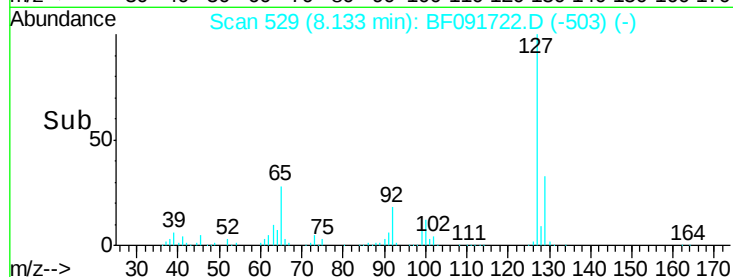
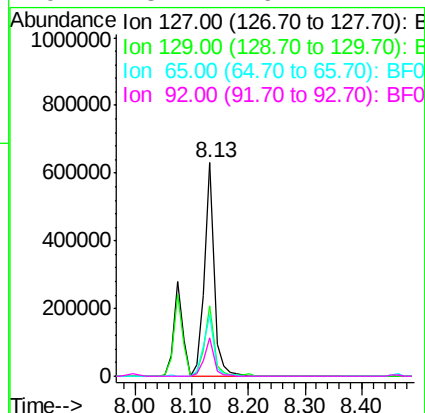
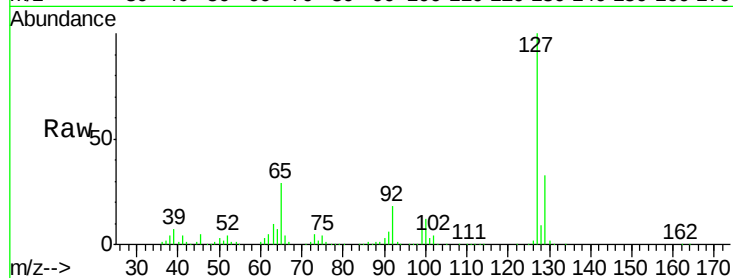




#33
4-Chloroaniline
Concen: 29.69 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

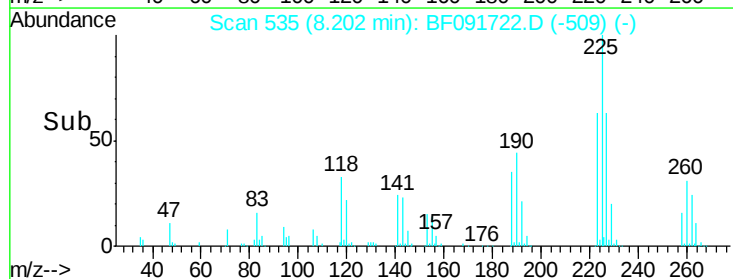
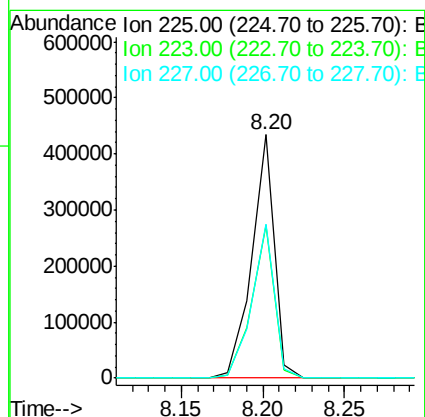
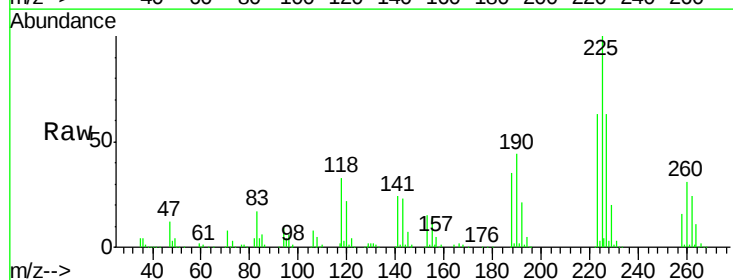
Instrument :
BNA_F
ClientSampleId :
PB95408BS

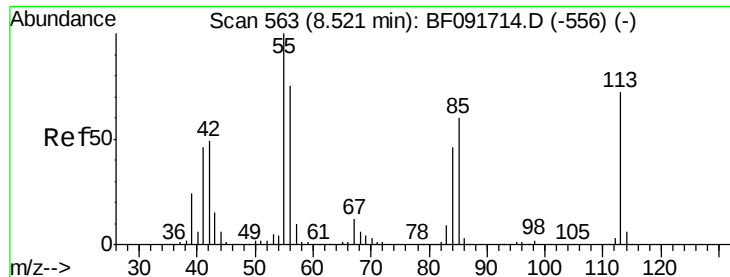
Tgt Ion:	127	Resp:	728826
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	28.8	25.8	38.8
92	18.1	16.1	24.1



#34
Hexachlorobutadiene
Concen: 41.38 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion:	225	Resp:	415705
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	63.2	50.6	76.0

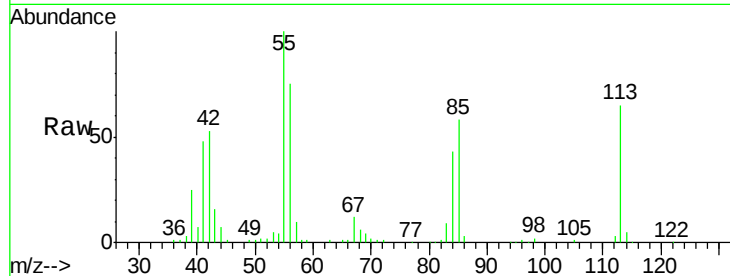




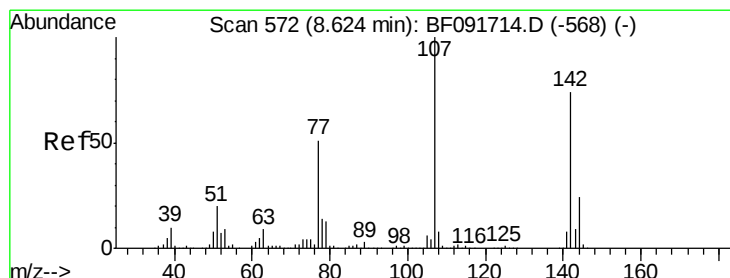
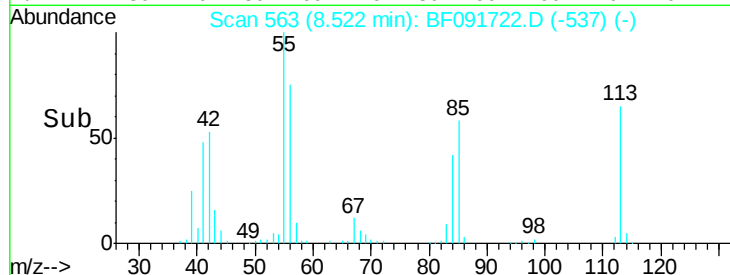
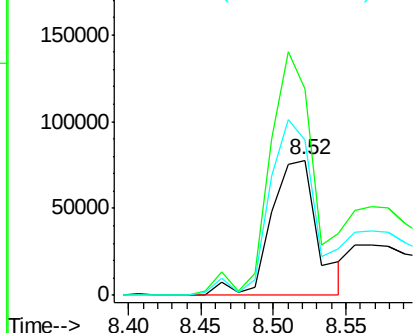
#35
Caprolactam
Concen: 32.58 ng
RT: 8.52 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Instrument :
BNA_F
ClientSampleId :
PB95408BS

Tgt Ion:113 Resp: 172850
Ion Ratio Lower Upper
113 100
55 153.1 119.2 159.2
56 115.2 83.8 123.8

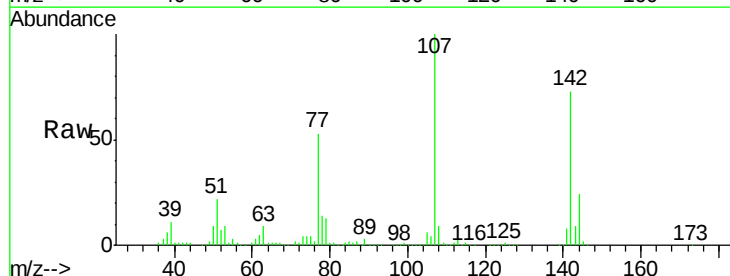


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

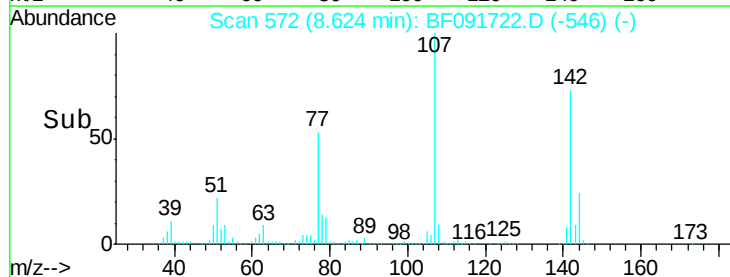
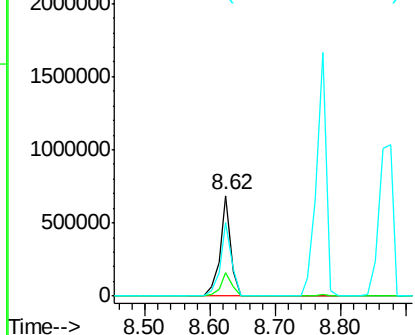


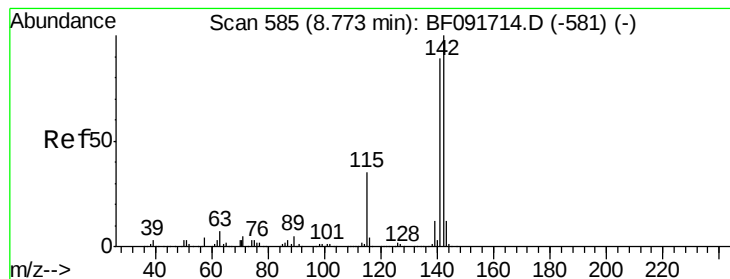
#36
4-Chloro-3-methylphenol
Concen: 44.00 ng
RT: 8.62 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion:107 Resp: 800347
Ion Ratio Lower Upper
107 100
144 23.8 19.3 28.9
142 72.7 59.0 88.6



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





#37

2-Methylnaphthalene

Concen: 46.43 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

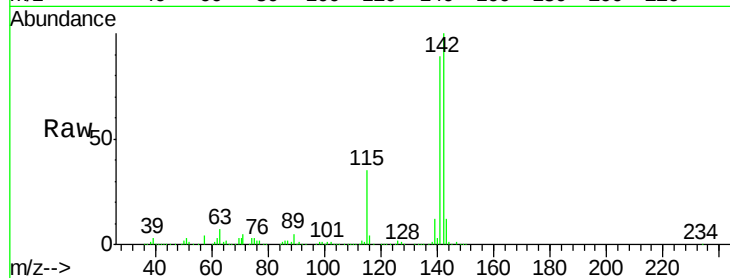
Tgt Ion:142 Resp: 1705898

Ion Ratio Lower Upper

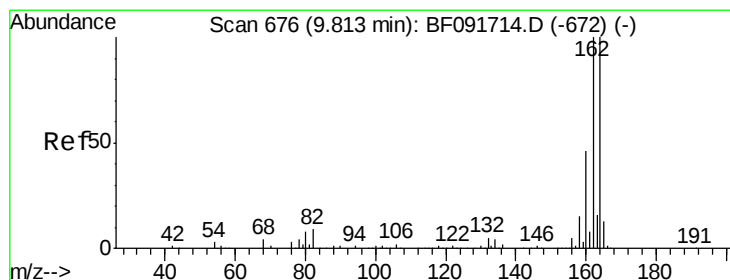
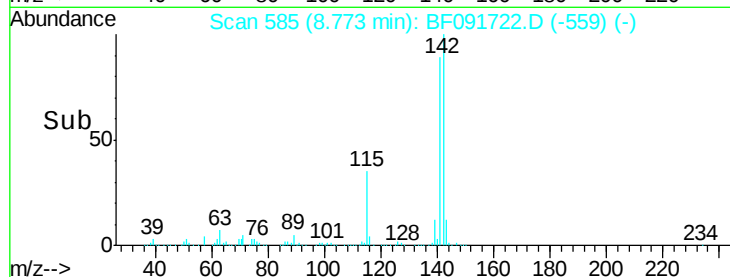
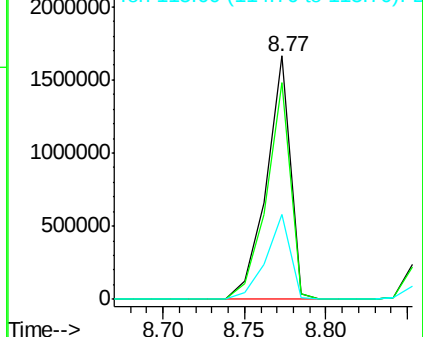
142 100

141 89.0 71.0 106.6

115 34.7 28.3 42.5



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

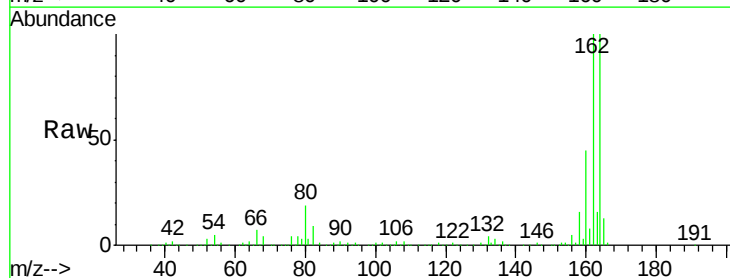
Tgt Ion:164 Resp: 665333

Ion Ratio Lower Upper

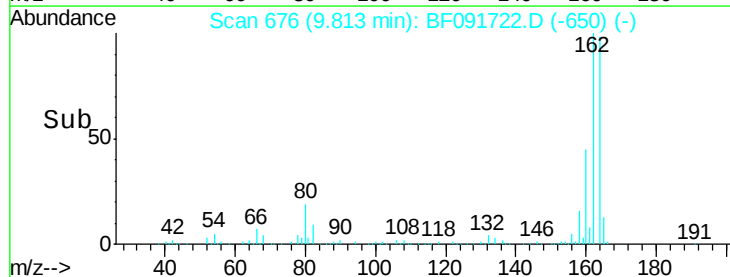
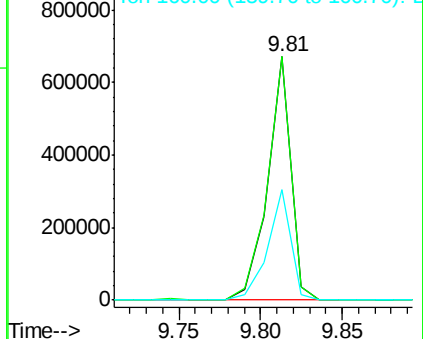
164 100

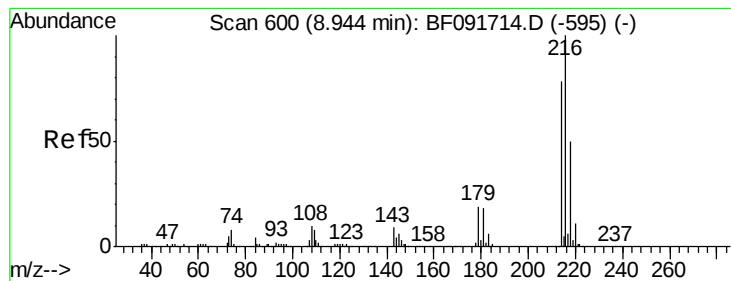
162 100.1 80.2 120.2

160 45.3 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.26 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

Tgt Ion:216 Resp: 700793

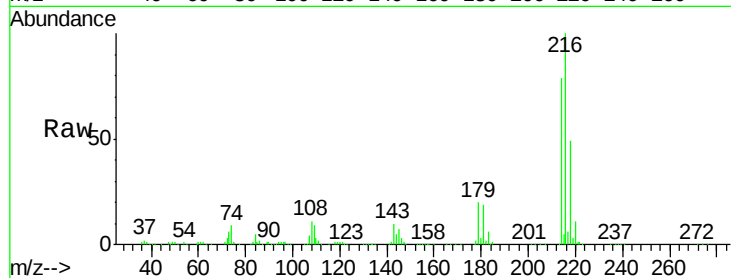
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.0

179 21.9 17.4 26.2

108 21.4 15.6 23.4

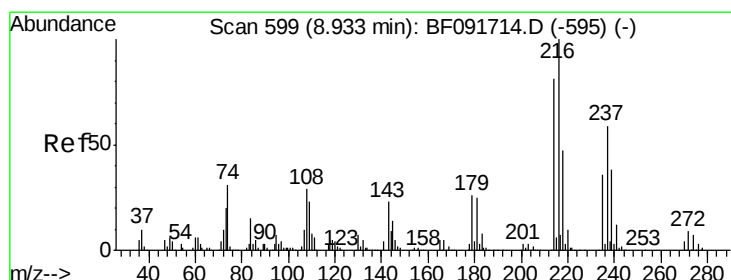
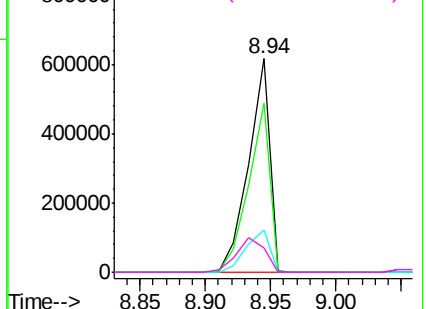
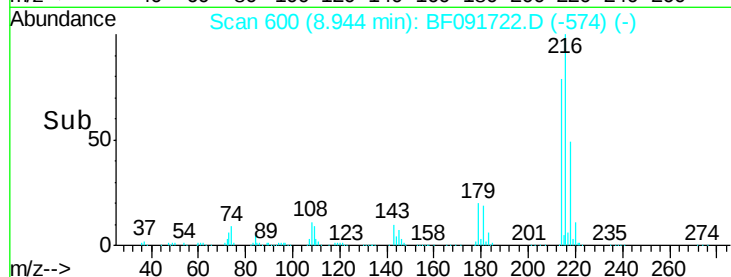


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 111.02 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

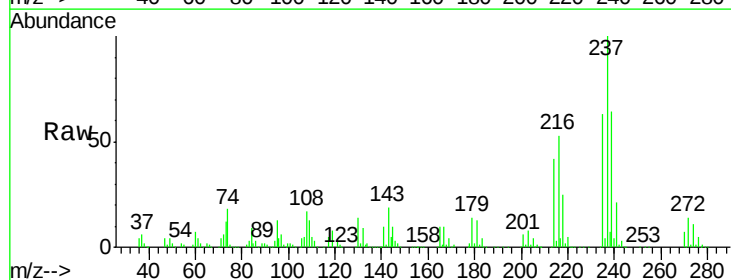
Tgt Ion:237 Resp: 780365

Ion Ratio Lower Upper

237 100

235 62.6 41.2 81.2

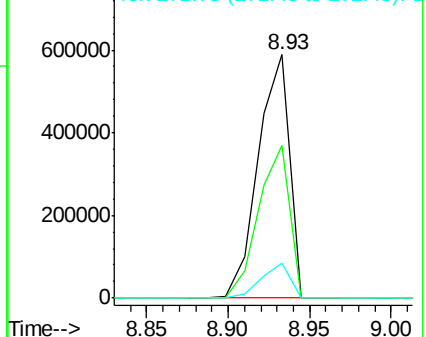
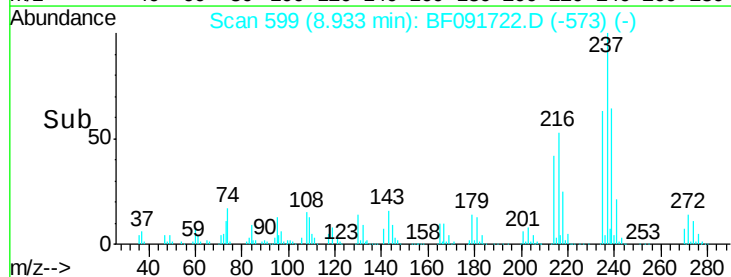
272 14.5 0.0 35.4

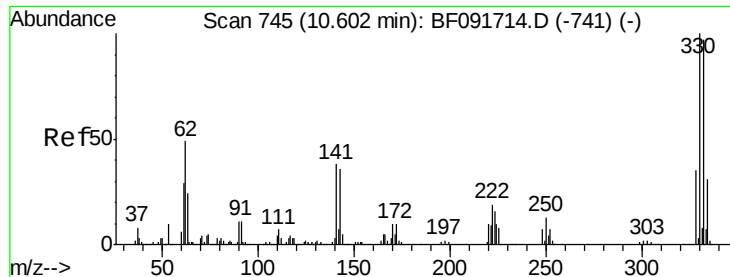


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

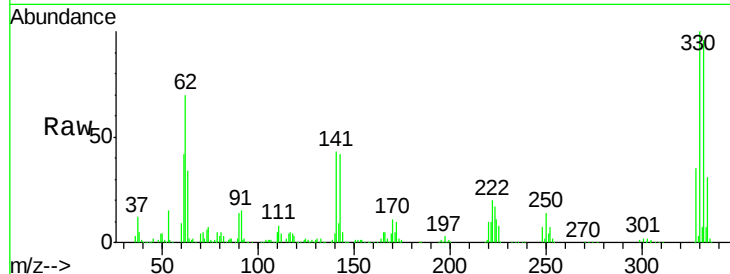




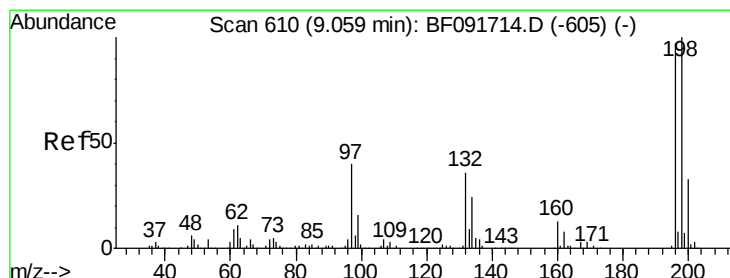
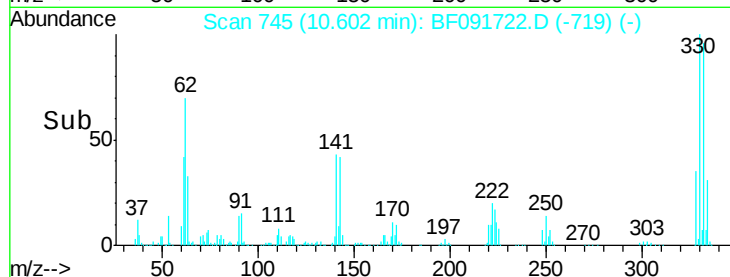
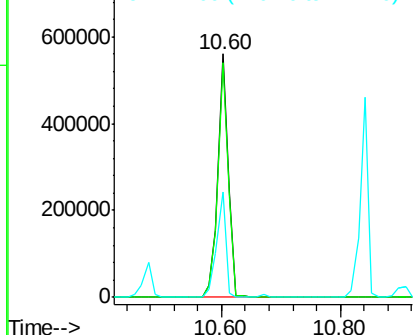
#41
 2,4,6-Tribromophenol
 Concen: 121.67 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Tgt Ion:330 Resp: 686434
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 37.8 34.1 51.1

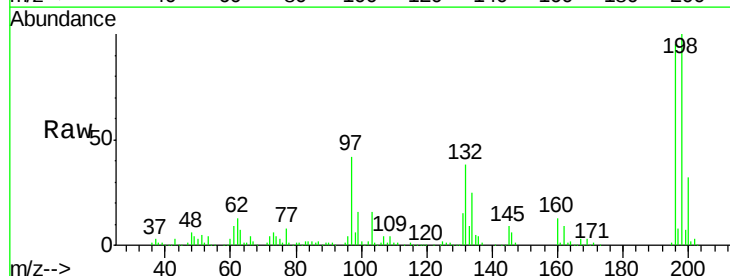


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

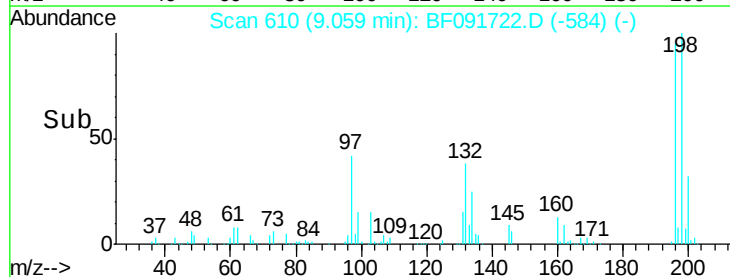
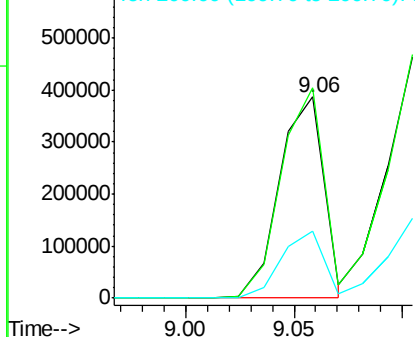


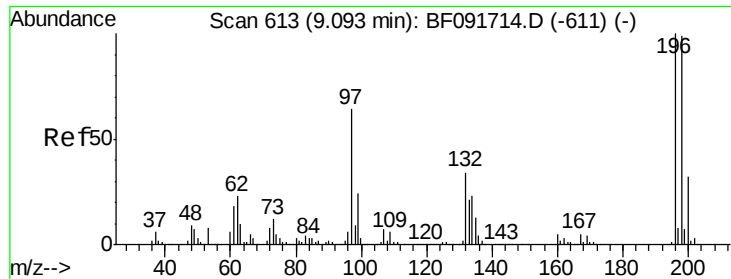
#42
 2,4,6-Trichlorophenol
 Concen: 46.46 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion:196 Resp: 550565
 Ion Ratio Lower Upper
 196 100
 198 104.7 82.1 123.1
 200 33.6 27.0 40.4



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

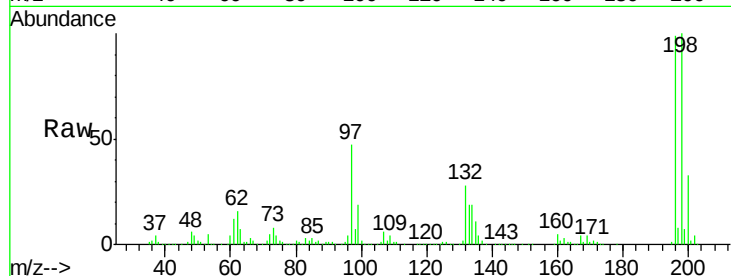




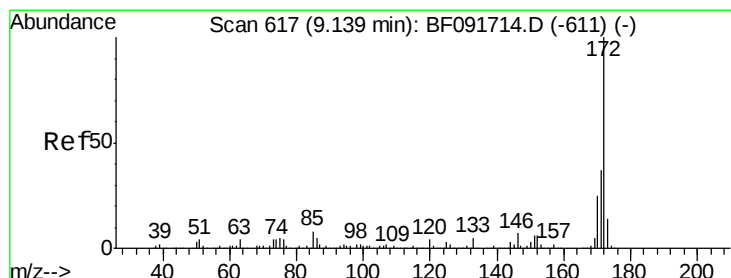
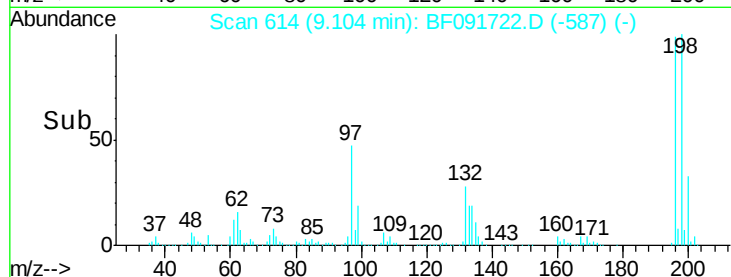
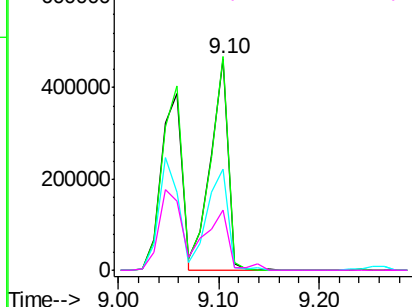
#43
 2,4,5-Trichlorophenol
 Concen: 48.49 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Tgt Ion:196 Resp: 564519
 Ion Ratio Lower Upper
 196 100
 198 101.0 79.4 119.2
 97 47.6 51.5 77.3#
 132 28.2 27.4 41.2

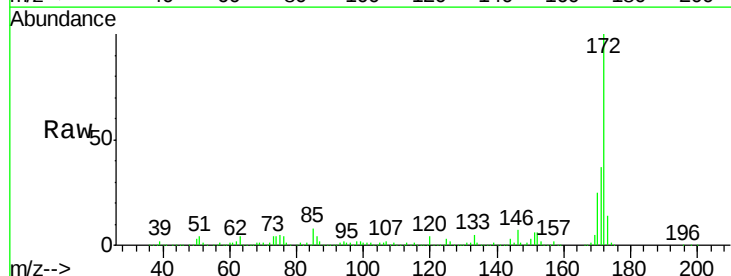


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

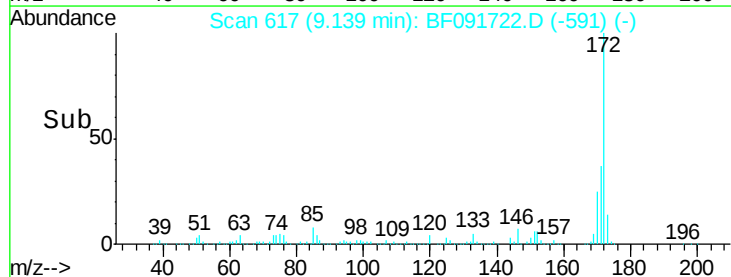
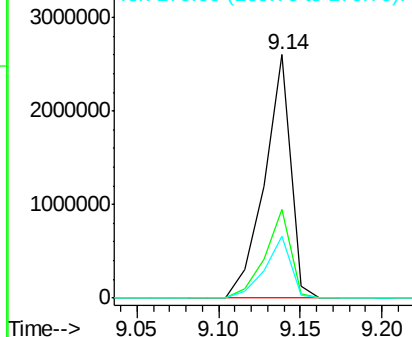


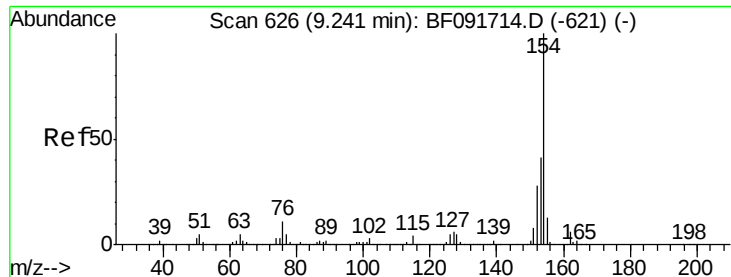
#44
 2-Fluorobiphenyl
 Concen: 88.07 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion:172 Resp: 2916679
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 25.4 20.2 30.4



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

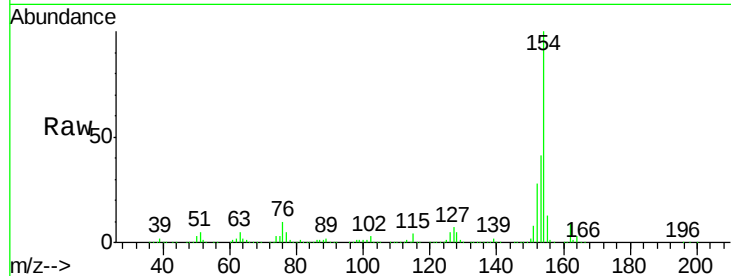




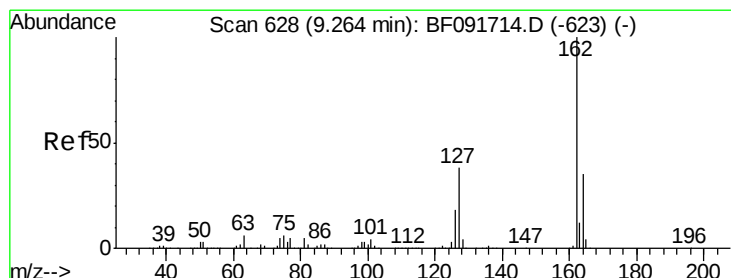
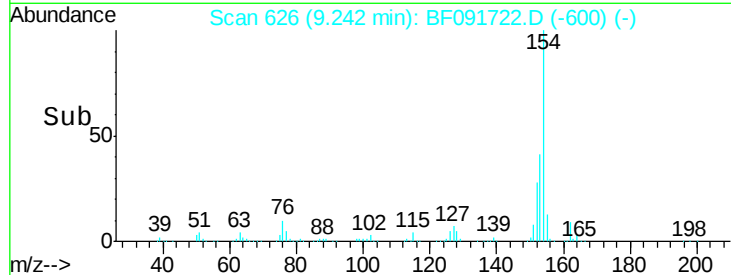
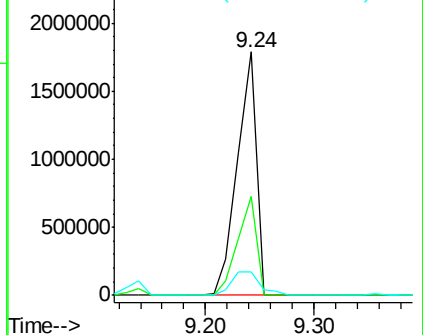
#45
 1,1'-Biphenyl
 Concen: 44.94 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Tgt Ion:154 Resp: 2142995
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.9 60.9
 76 9.7 0.0 30.5

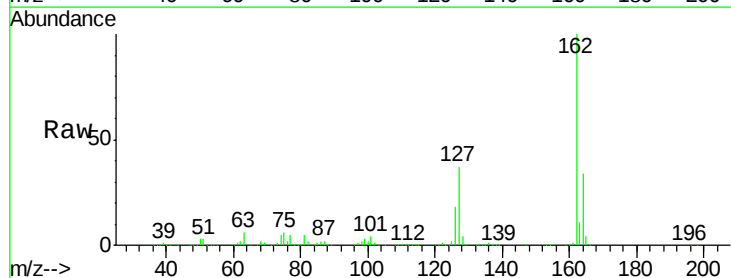


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

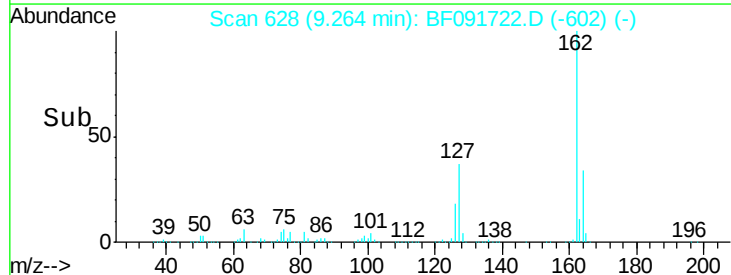
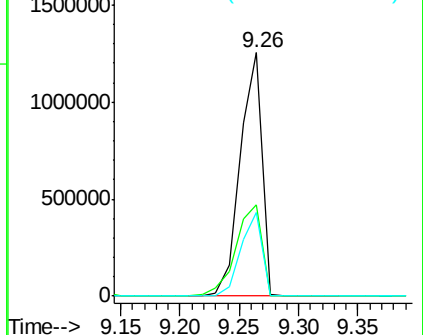


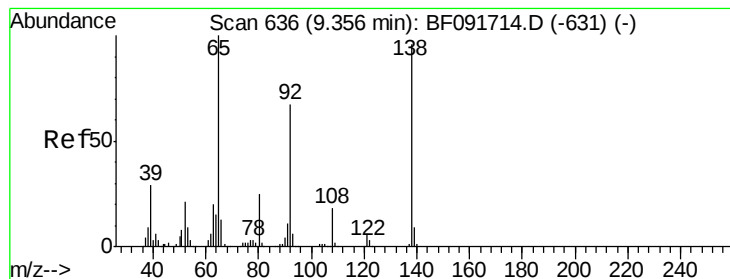
#46
 2-Chloronaphthalene
 Concen: 44.81 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion:162 Resp: 1596910
 Ion Ratio Lower Upper
 162 100
 127 37.4 30.7 46.1
 164 34.4 27.6 41.4



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





#47

2-Nitroaniline

Concen: 41.19 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

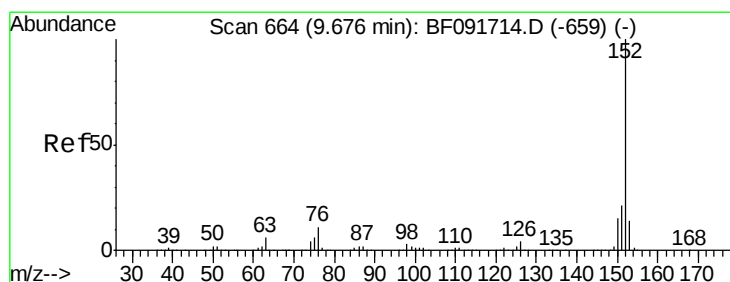
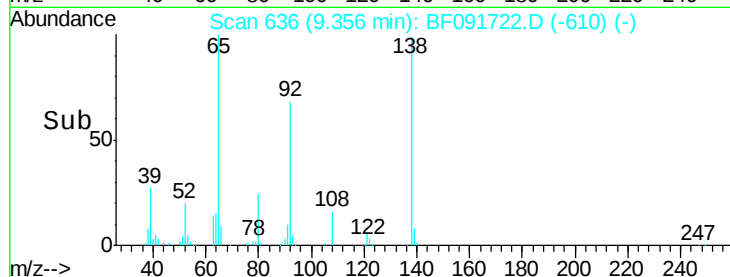
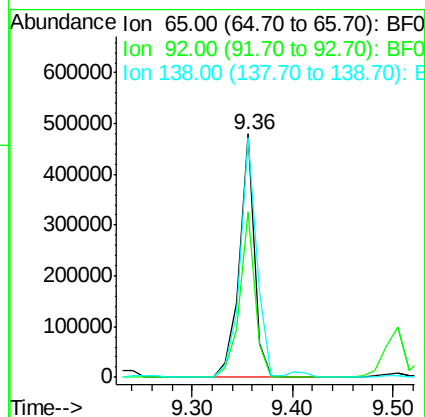
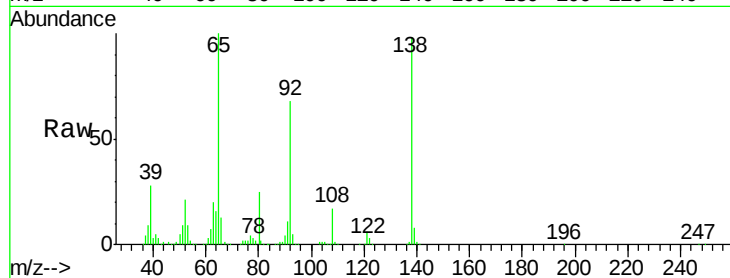
Tgt Ion: 65 Resp: 501238

Ion Ratio Lower Upper

65 100

92 67.7 53.9 80.9

138 98.3 76.8 115.2



#48

Acenaphthylene

Concen: 43.72 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

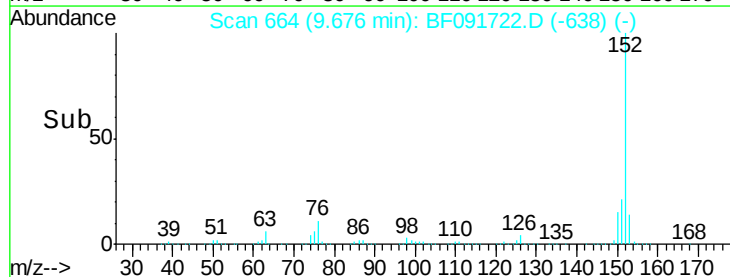
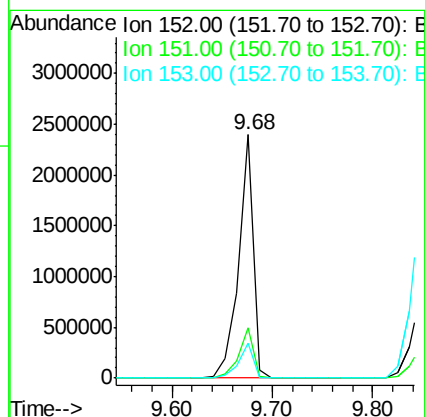
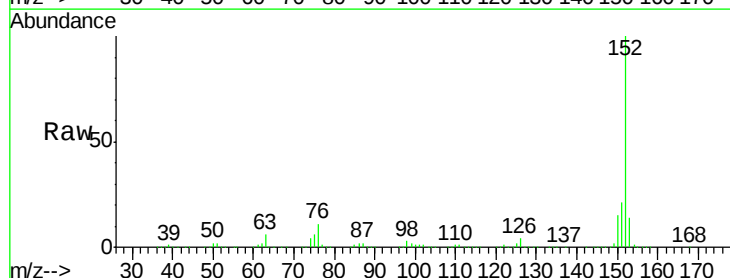
Tgt Ion: 152 Resp: 2414079

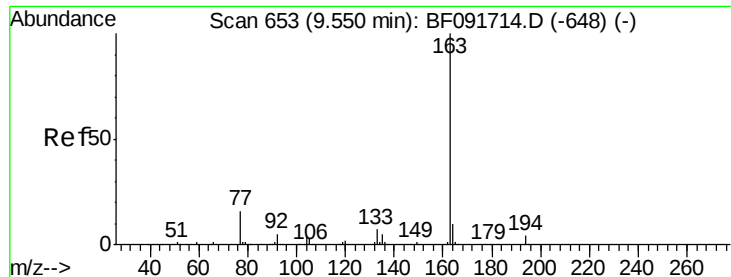
Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

153 14.5 11.4 17.2

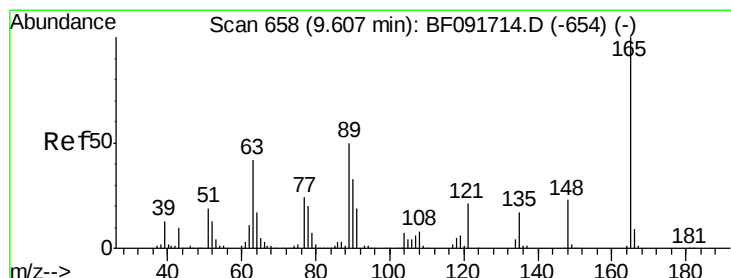
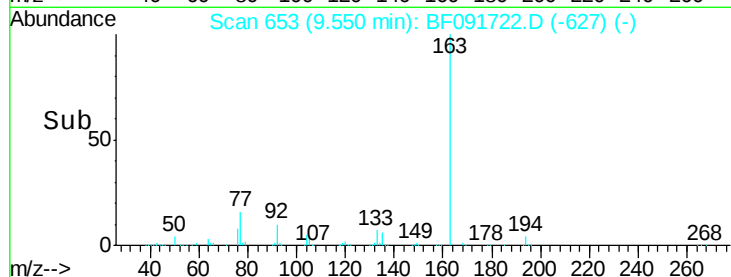
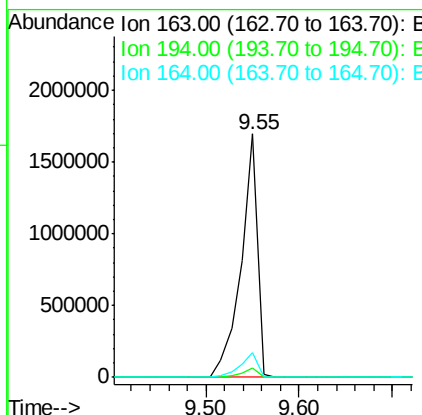
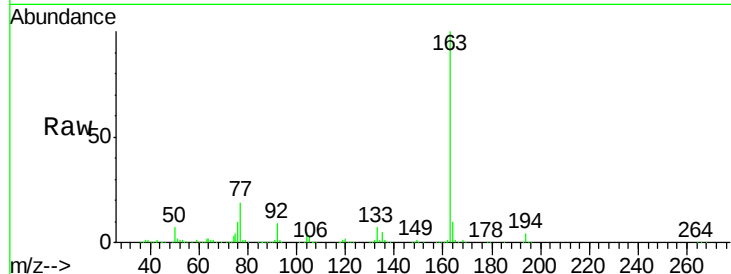




#49
Dimethylphthalate
Concen: 47.30 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

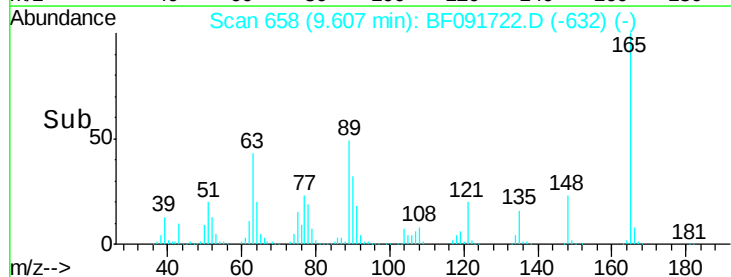
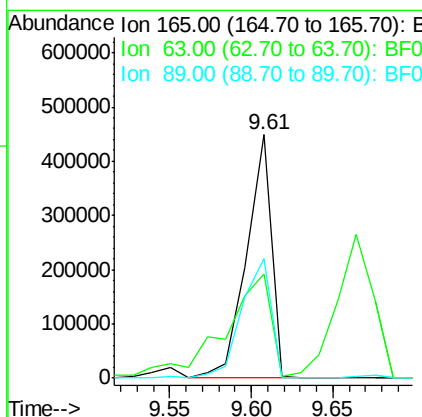
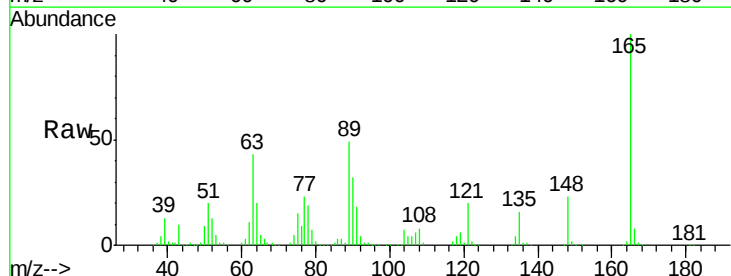
Instrument :
BNA_F
ClientSampleId :
PB95408BS

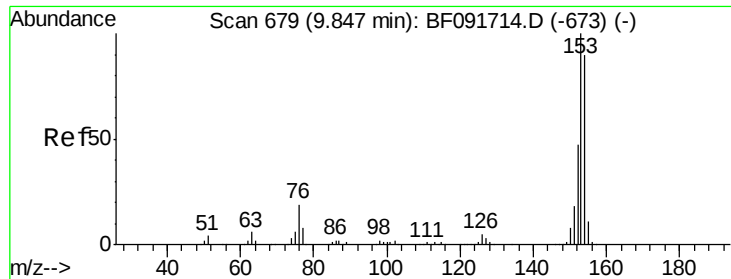
Tgt Ion:163 Resp: 2055498
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.4 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 49.91 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion:165 Resp: 475592
Ion Ratio Lower Upper
165 100
63 42.6 36.2 54.4
89 48.8 40.2 60.4





#51

Acenaphthene

Concen: 43.56 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

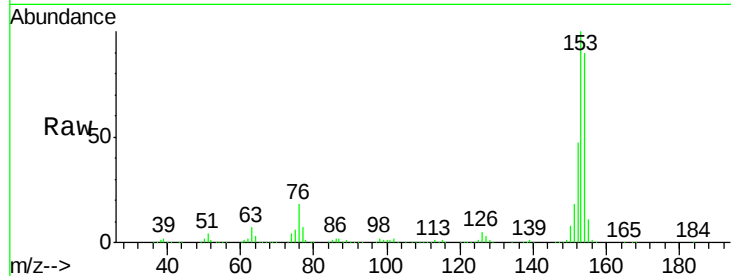
Tgt Ion:154 Resp: 1650680

Ion Ratio Lower Upper

154 100

153 111.6 88.6 133.0

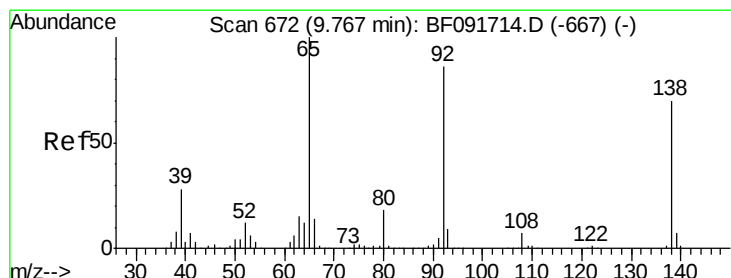
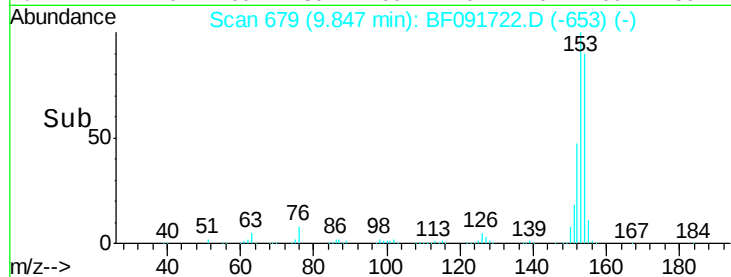
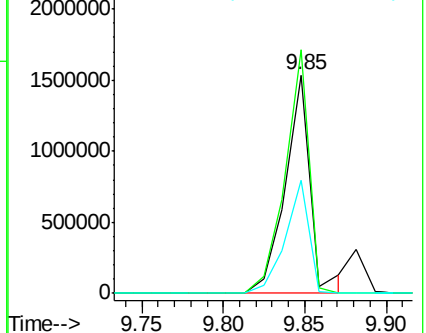
152 52.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.77 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

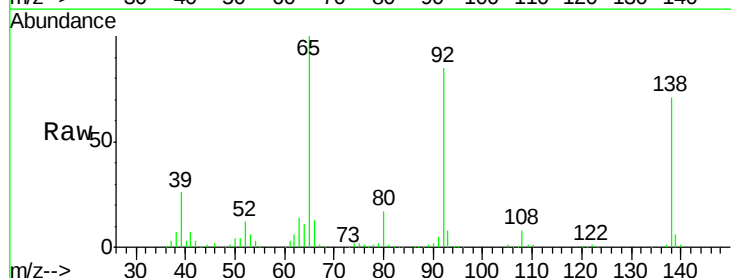
Tgt Ion:138 Resp: 329500

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

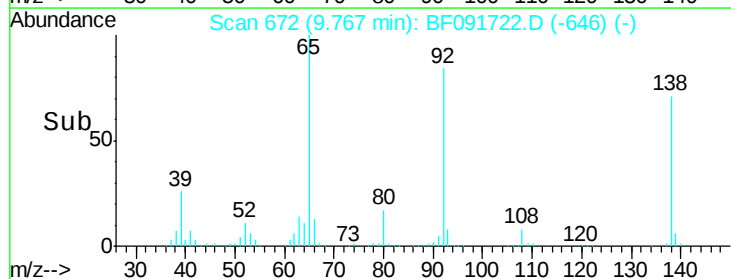
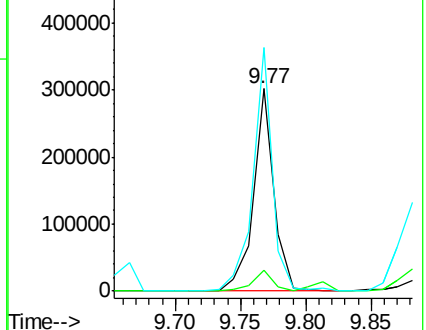
92 120.4 97.8 146.8

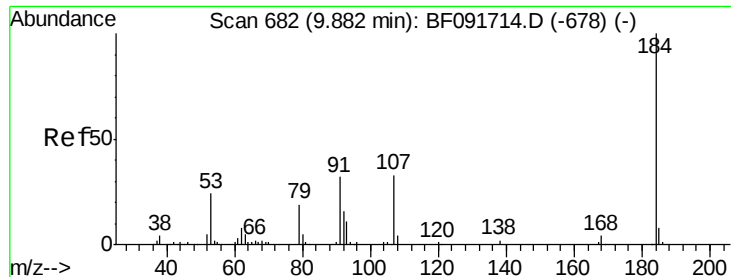


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

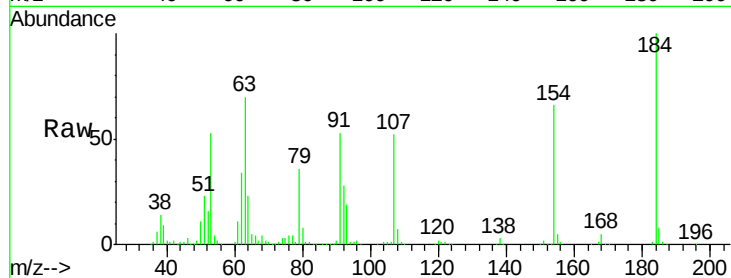




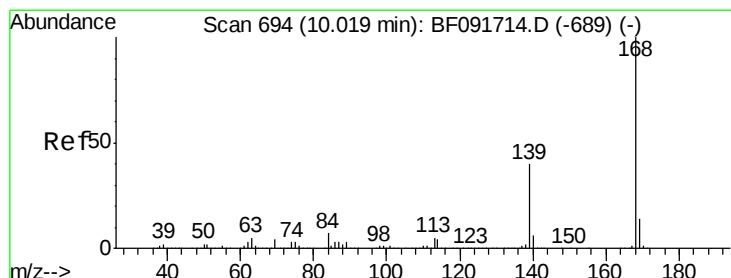
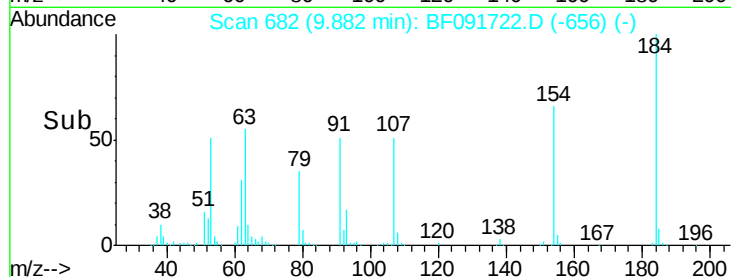
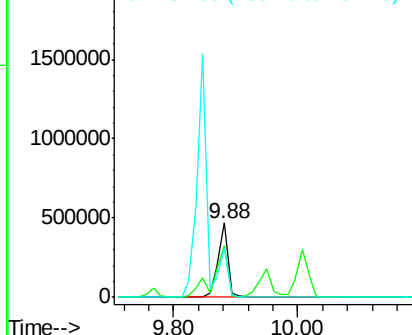
#53
2,4-Dinitrophenol
Concen: 99.78 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Instrument :
BNA_F
ClientSampleId :
PB95408BS

Tgt Ion:184 Resp: 513638
Ion Ratio Lower Upper
184 100
63 69.7 28.4 42.6#
154 66.2 44.3 66.5

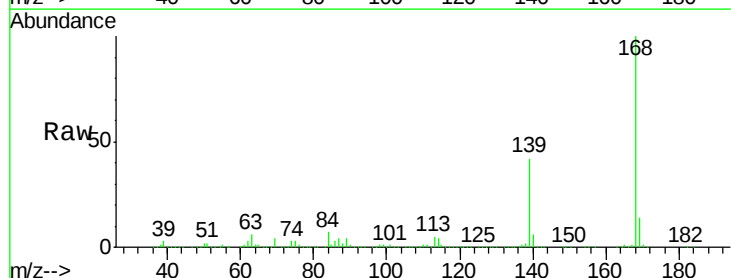


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

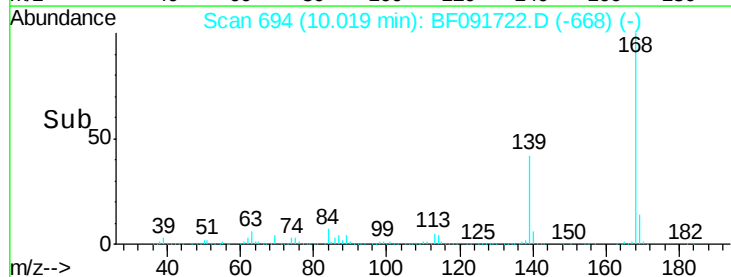
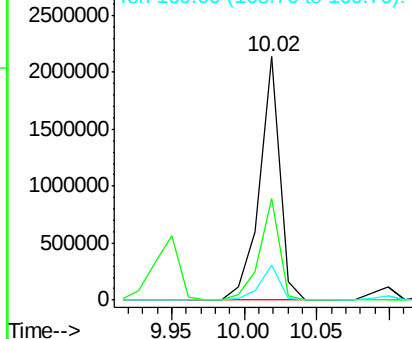


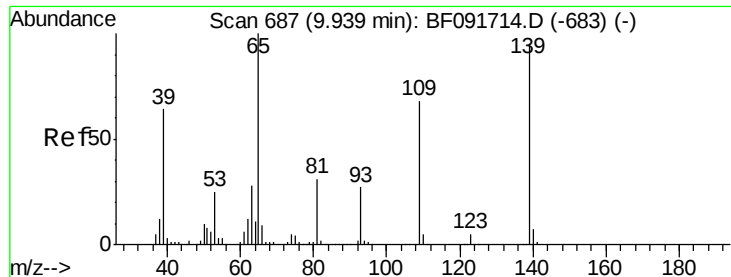
#54
Dibenzofuran
Concen: 46.09 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion:168 Resp: 2076872
Ion Ratio Lower Upper
168 100
139 41.5 32.6 49.0
169 14.2 11.3 16.9



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

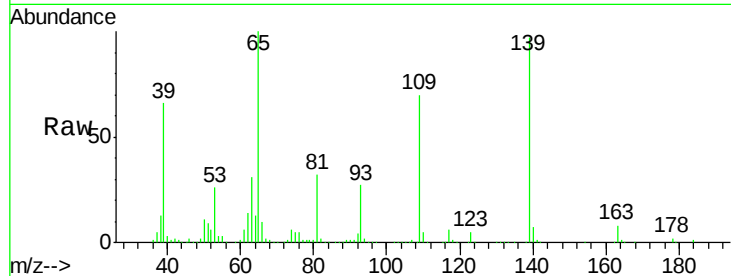




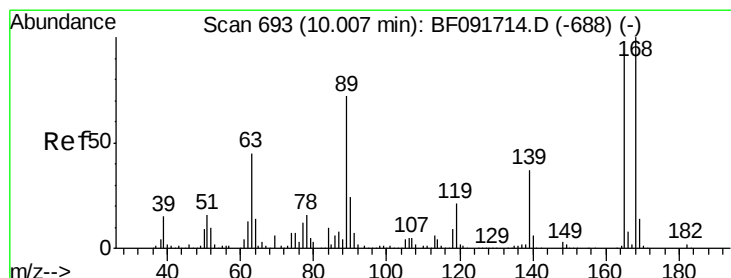
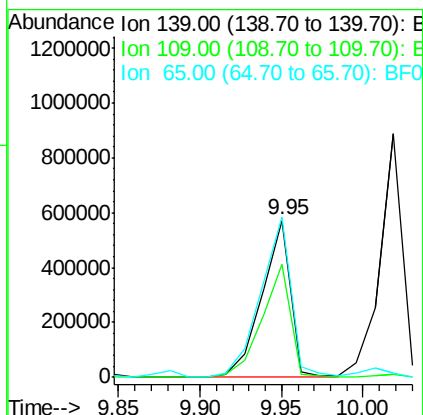
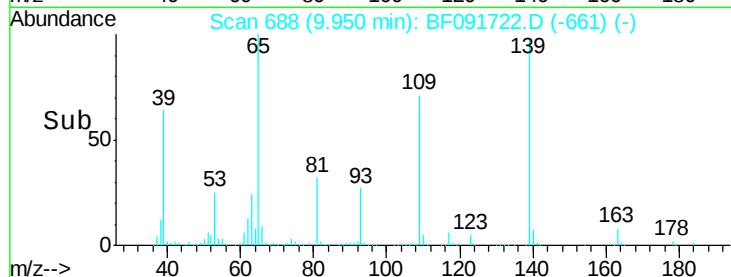
#55
4-Nitrophenol
Concen: 85.98 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Instrument :
BNA_F
ClientSampleId :
PB95408BS

Tgt Ion:139 Resp: 708350
Ion Ratio Lower Upper
139 100
109 72.2 52.2 92.2
65 102.7 85.8 125.8

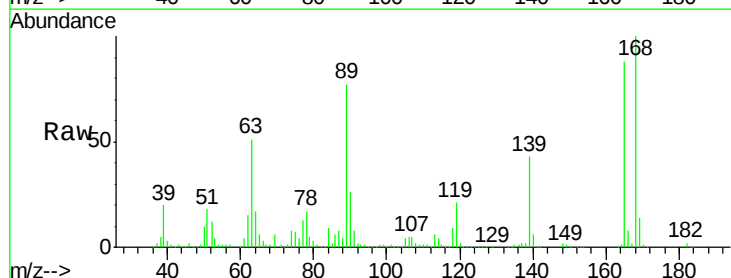


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

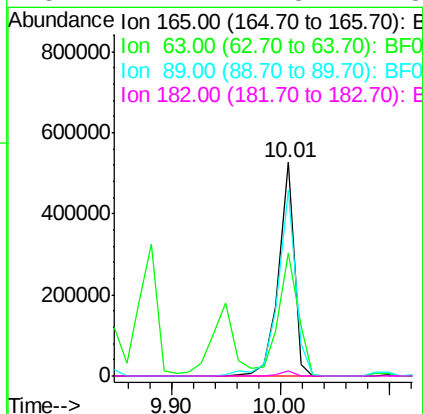
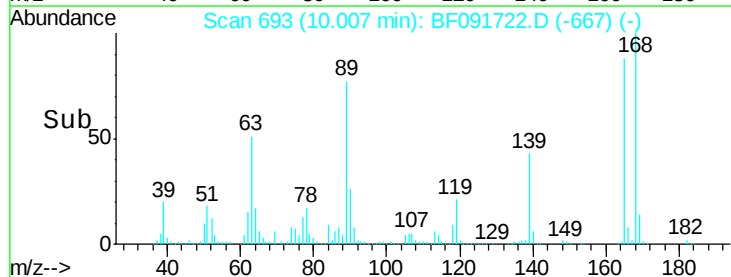


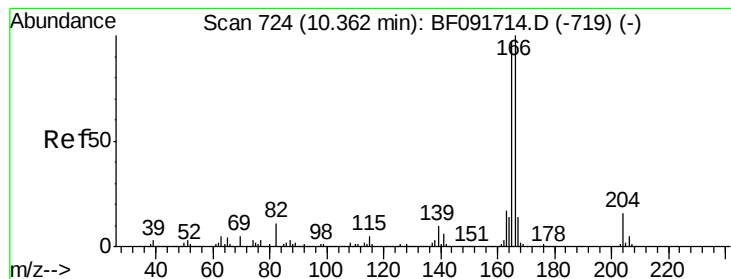
#56
2,4-Dinitrotoluene
Concen: 44.25 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion:165 Resp: 526659
Ion Ratio Lower Upper
165 100
63 57.8 40.2 60.4
89 87.2 62.5 93.7
182 2.2 1.8 2.8



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





#57

Fluorene

Concen: 47.13 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

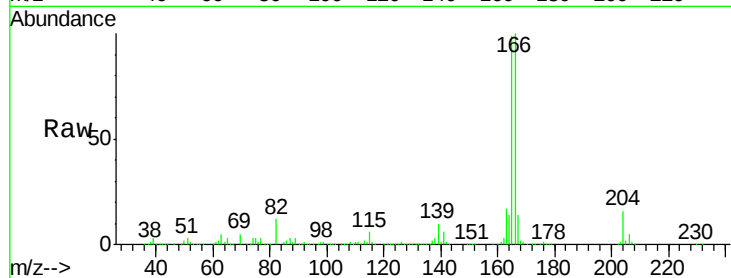
Tgt Ion:166 Resp: 1649605

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

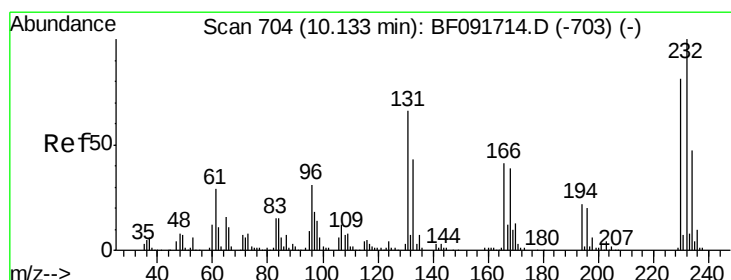
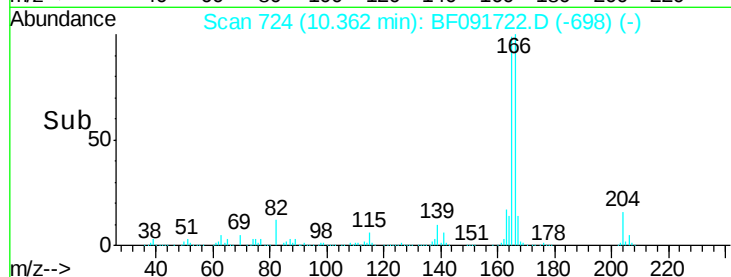
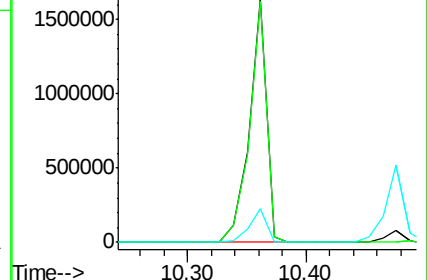
167 13.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.04 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Tgt Ion:232 Resp: 433445

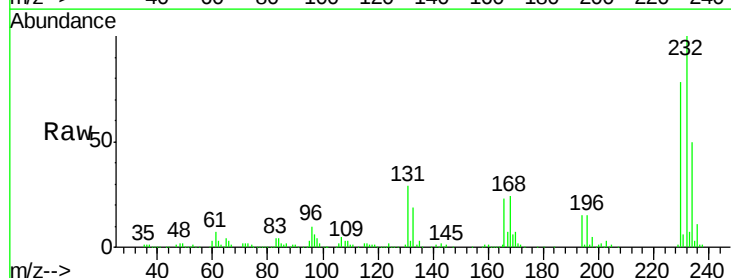
Ion Ratio Lower Upper

232 100

131 51.2 40.1 60.1

130 2.6 1.8 2.8

166 33.7 26.6 39.8

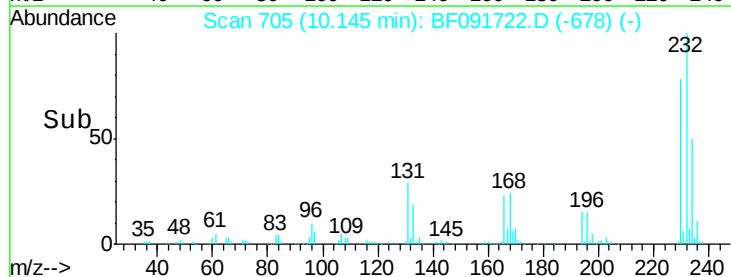
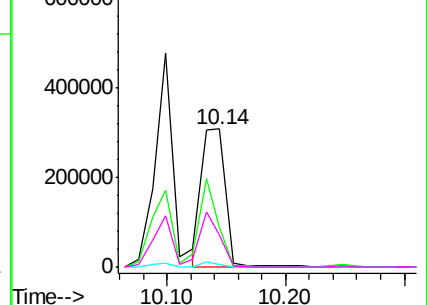


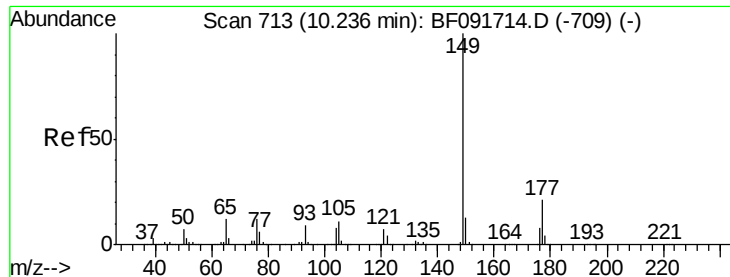
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

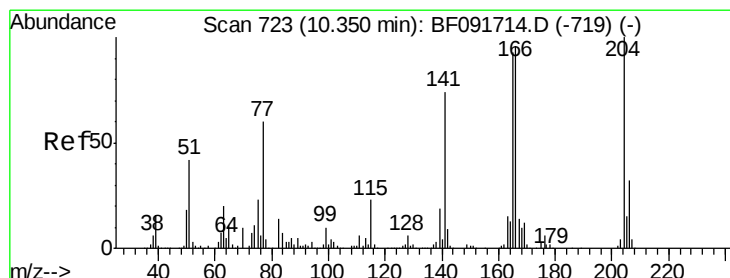
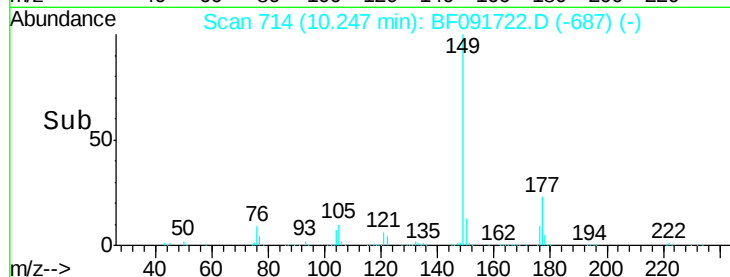
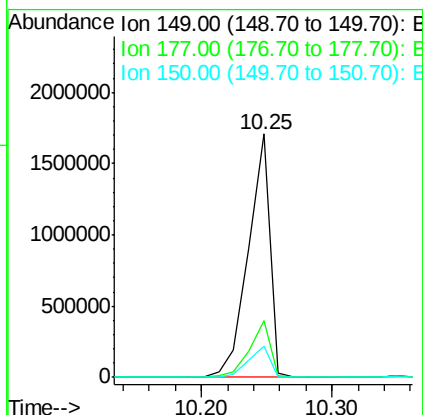
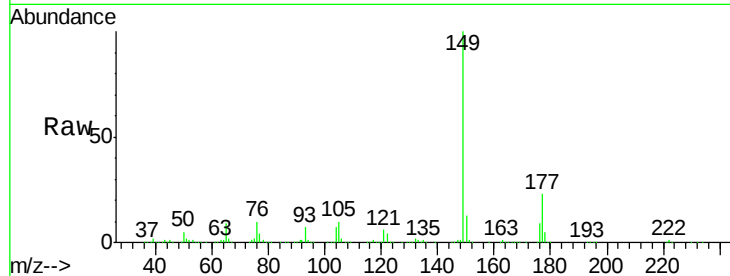




#59
Diethylphthalate
Concen: 46.16 ng
RT: 10.25 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

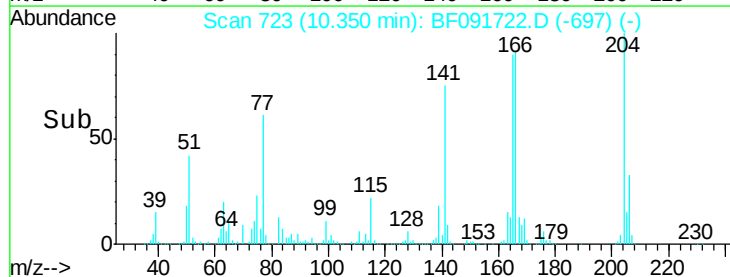
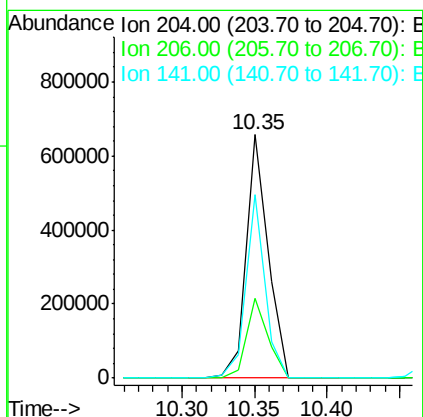
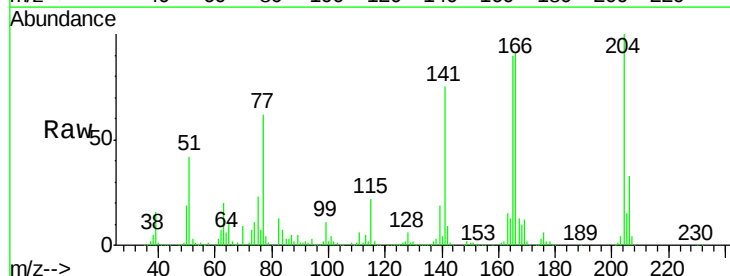
Instrument :
BNA_F
ClientSampleId :
PB95408BS

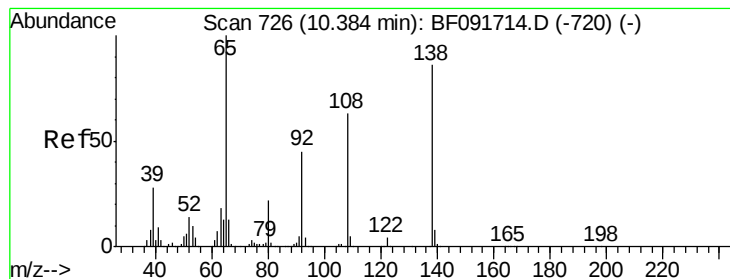
Tgt Ion:149 Resp: 1972151
Ion Ratio Lower Upper
149 100
177 23.4 16.6 25.0
150 12.8 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 43.09 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion:204 Resp: 687062
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 75.2 59.4 89.0





#61

4-Nitroaniline

Concen: 43.10 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

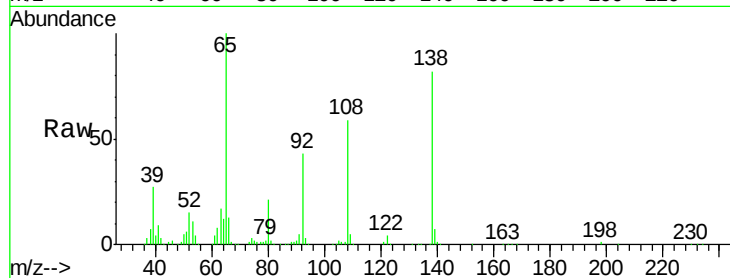
Tgt Ion:138 Resp: 484405

Ion Ratio Lower Upper

138 100

92 52.5 31.7 71.7

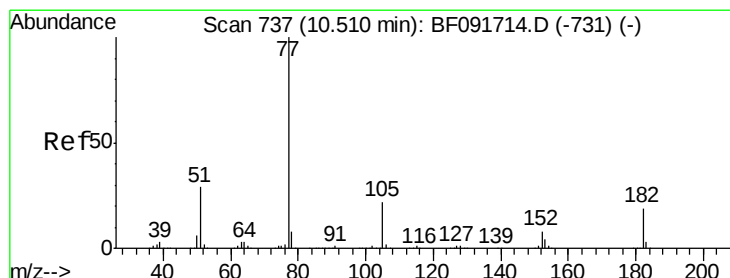
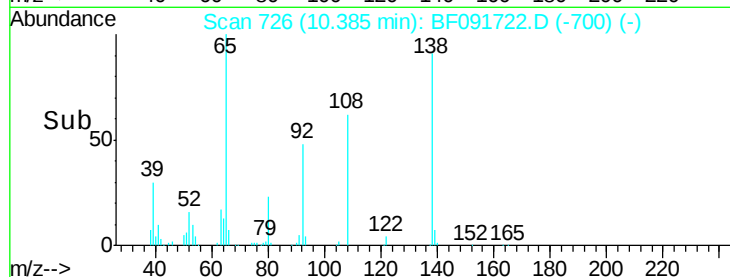
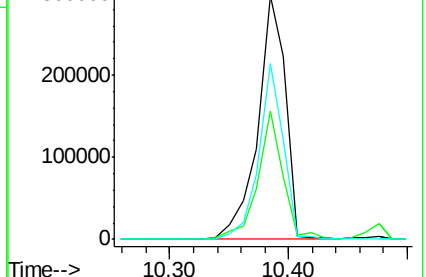
108 72.3 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.41 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Tgt Ion: 77 Resp: 2064067

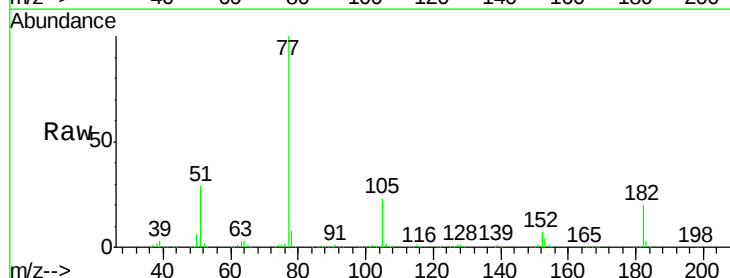
Ion Ratio Lower Upper

77 100

182 19.8 0.0 39.3

105 23.1 2.3 42.3

51 29.3 8.9 48.9

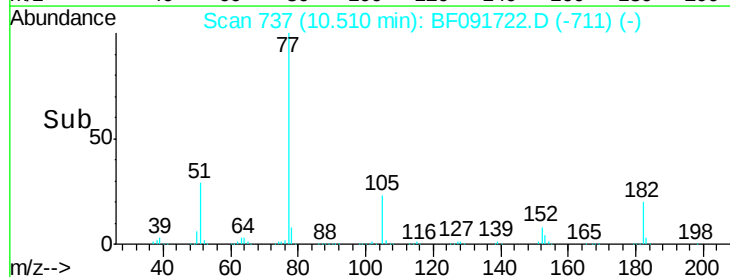
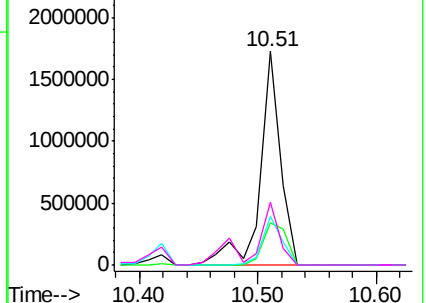


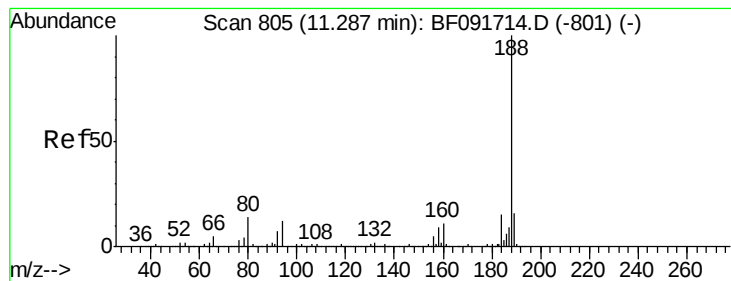
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

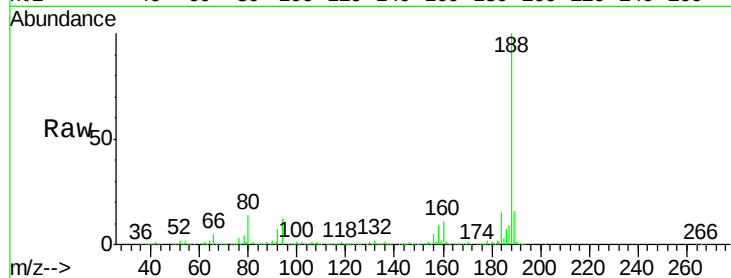
Tgt Ion:188 Resp: 1062971

Ion Ratio Lower Upper

188 100

94 12.2 10.0 15.0

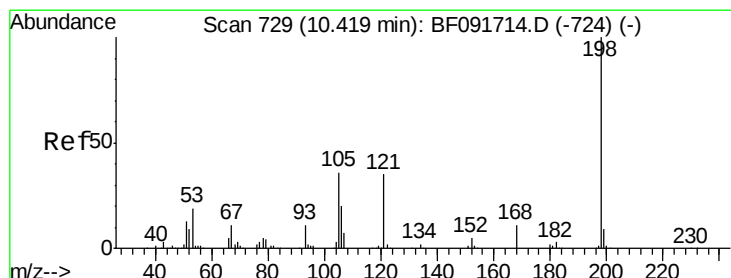
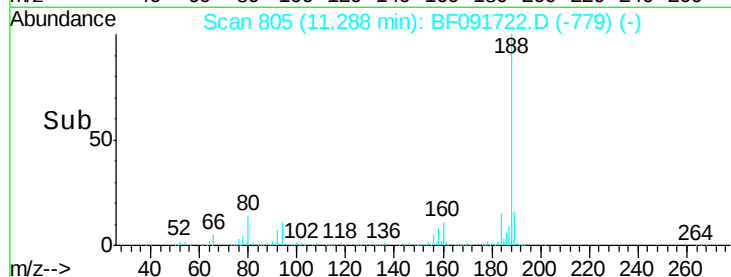
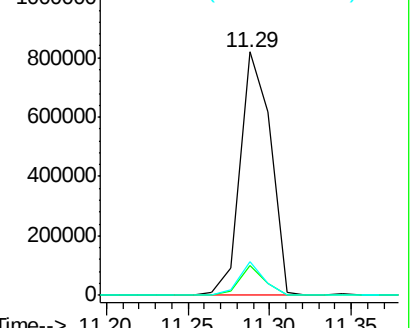
80 13.9 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 51.72 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

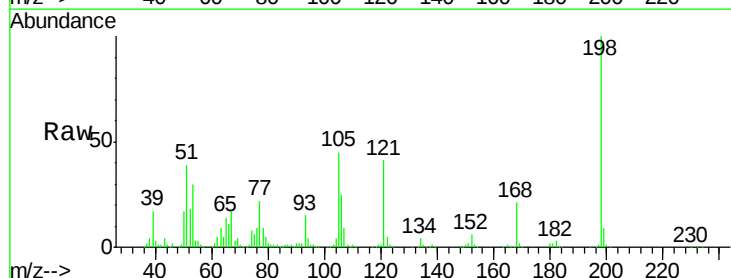
Tgt Ion:198 Resp: 362575

Ion Ratio Lower Upper

198 100

51 39.3 6.7 46.7

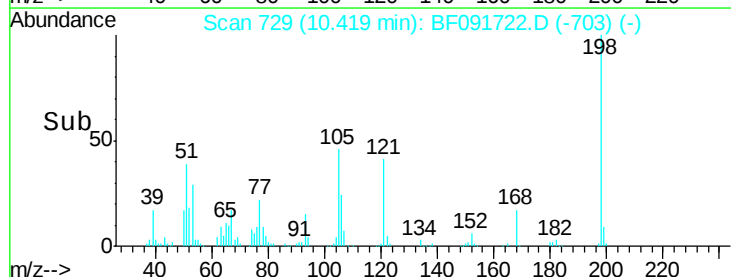
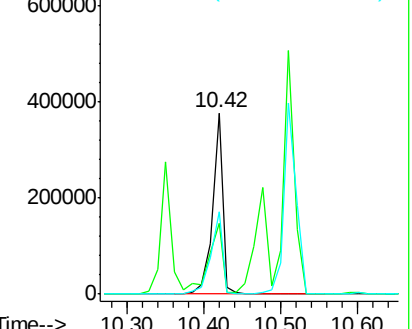
105 45.4 16.6 56.6

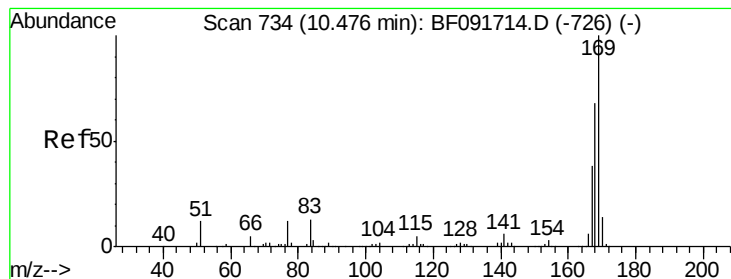


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.68 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

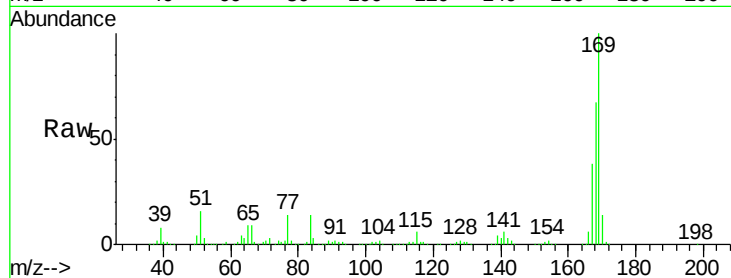
Tgt Ion:169 Resp: 1474862

Ion Ratio Lower Upper

169 100

168 67.2 54.2 81.2

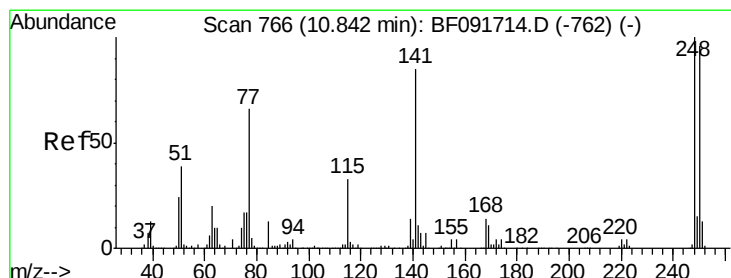
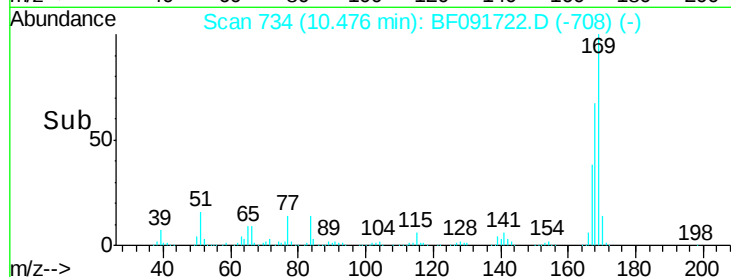
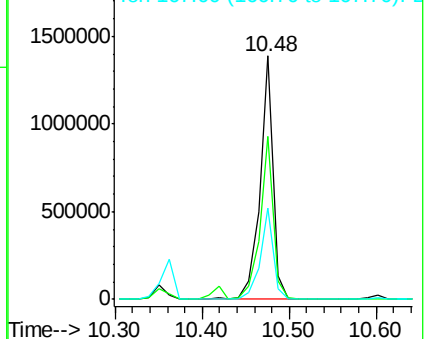
167 37.6 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.57 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

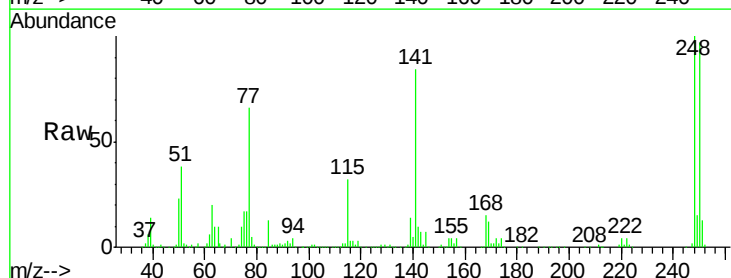
Tgt Ion:248 Resp: 496789

Ion Ratio Lower Upper

248 100

250 97.3 76.9 115.3

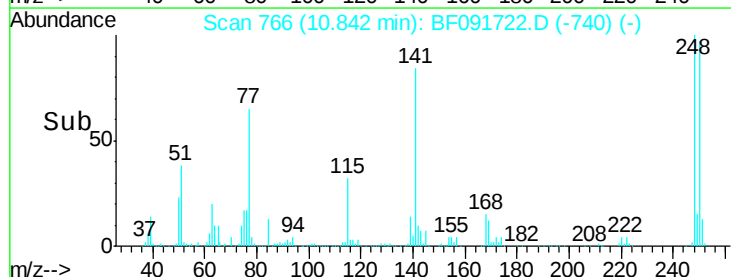
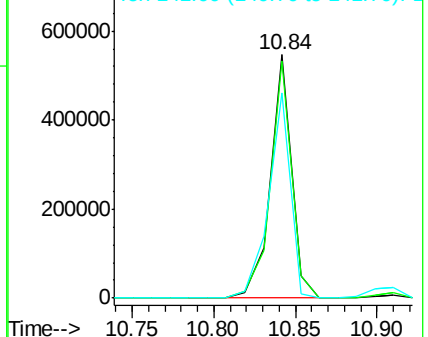
141 84.4 68.2 102.4

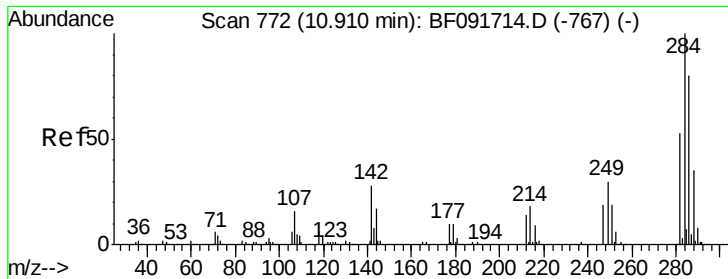


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

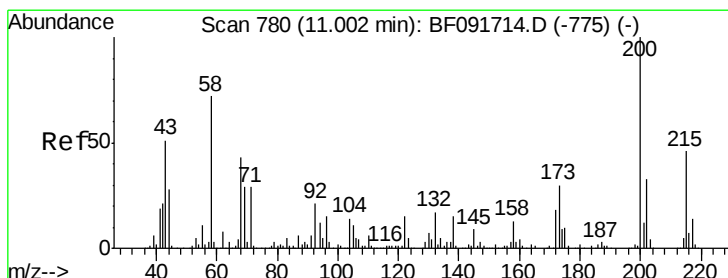
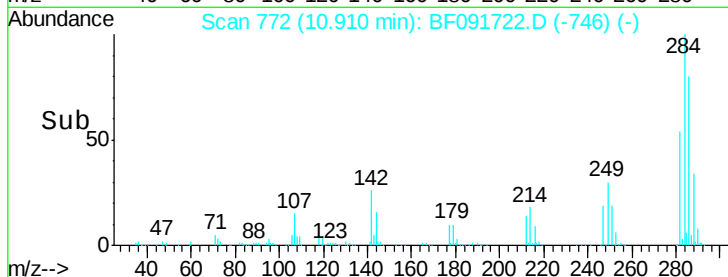
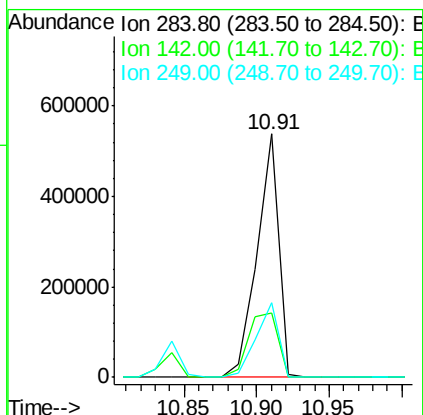
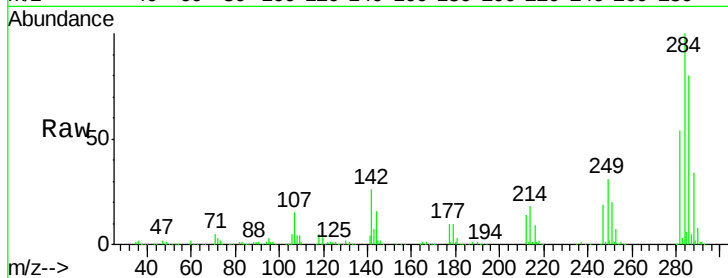




#67
Hexachlorobenzene
Concen: 47.83 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

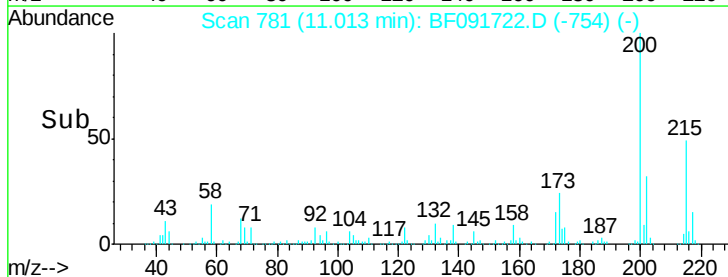
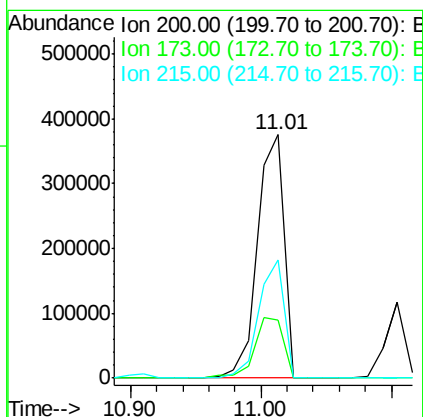
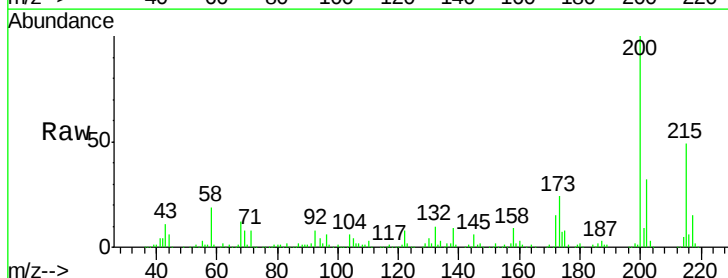
Instrument :
BNA_F
ClientSampleId :
PB95408BS

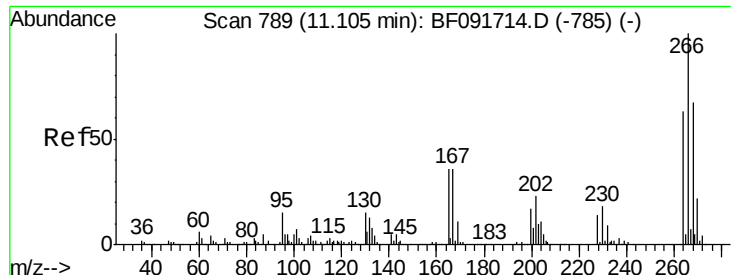
Tgt Ion:284 Resp: 558636
Ion Ratio Lower Upper
284 100
142 26.4 22.6 33.8
249 30.8 25.4 38.0



#68
Atrazine
Concen: 53.56 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion:200 Resp: 534283
Ion Ratio Lower Upper
200 100
173 23.8 9.6 49.6
215 48.6 25.7 65.7

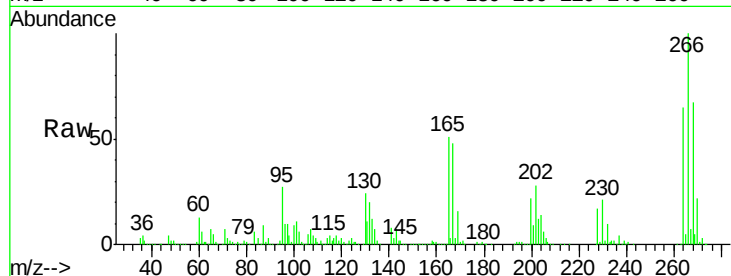




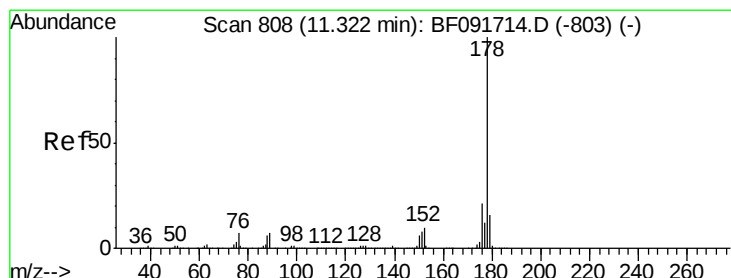
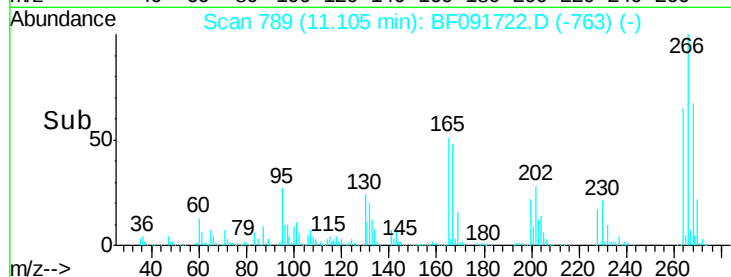
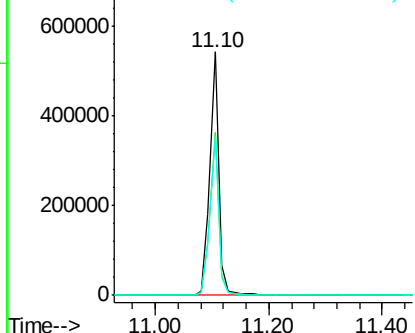
#69
 Pentachlorophenol
 Concen: 91.30 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Tgt Ion:266 Resp: 575466
 Ion Ratio Lower Upper
 266 100
 268 66.9 53.3 79.9
 264 65.4 50.3 75.5

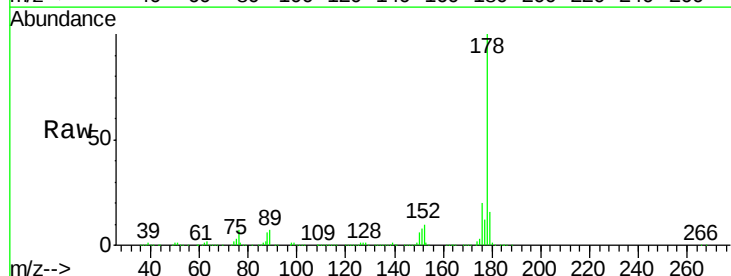


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

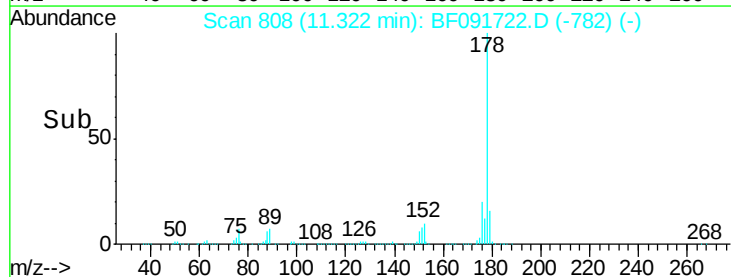
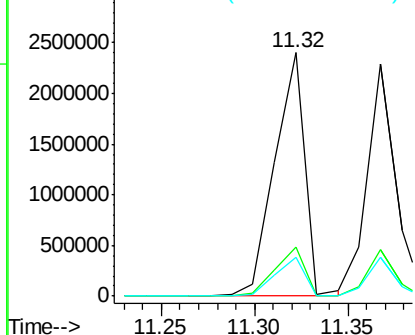


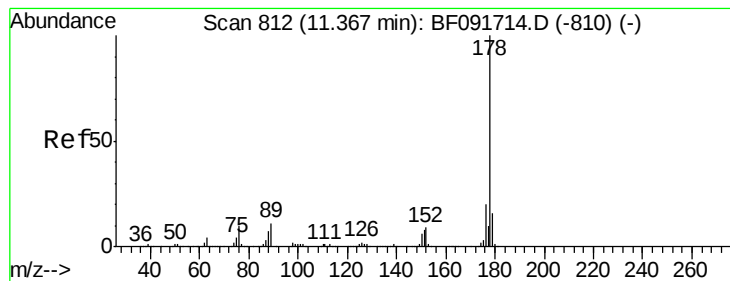
#70
 Phenanthrene
 Concen: 50.84 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion:178 Resp: 2700092
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 25.0
 179 16.1 12.8 19.2



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





#71

Anthracene

Concen: 42.00 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

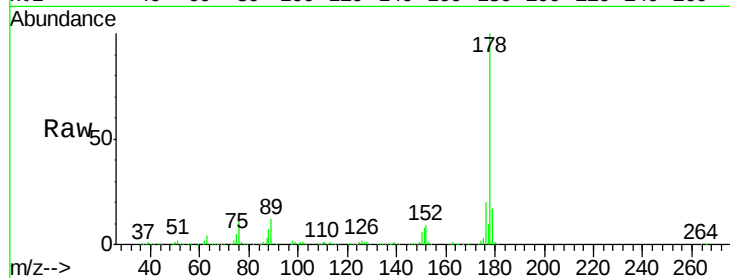
Tgt Ion:178 Resp: 2362950

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

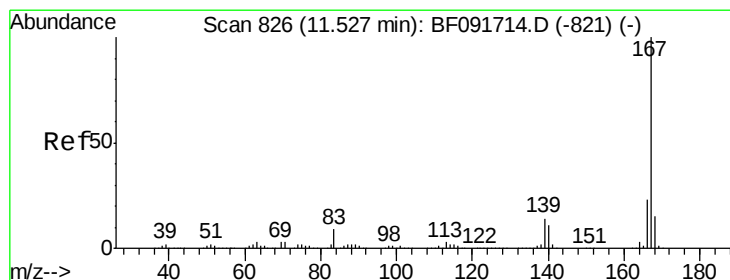
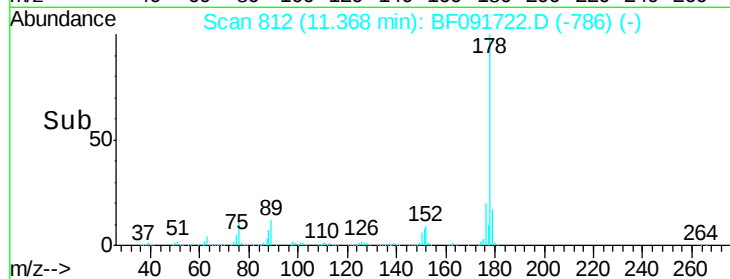
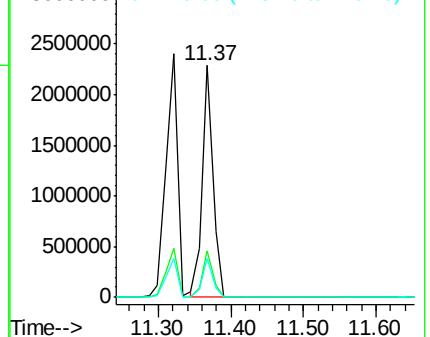
179 16.6 13.2 19.8



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



#72

Carbazole

Concen: 48.70 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

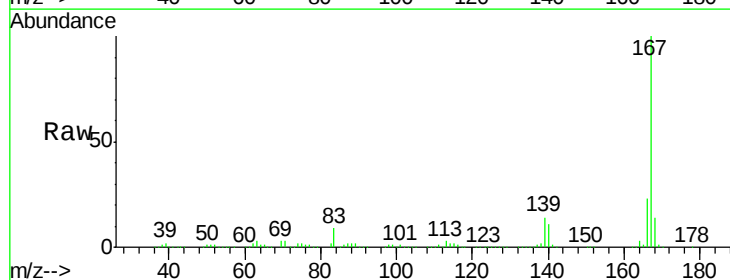
Tgt Ion:167 Resp: 2395613

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.2

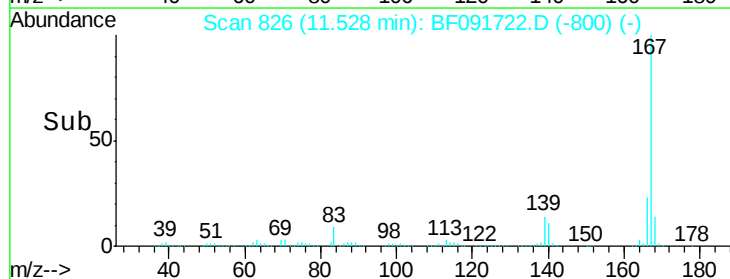
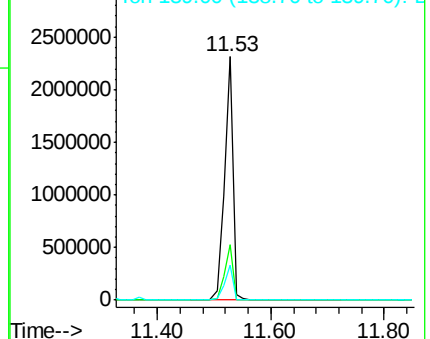
139 14.4 11.4 17.2

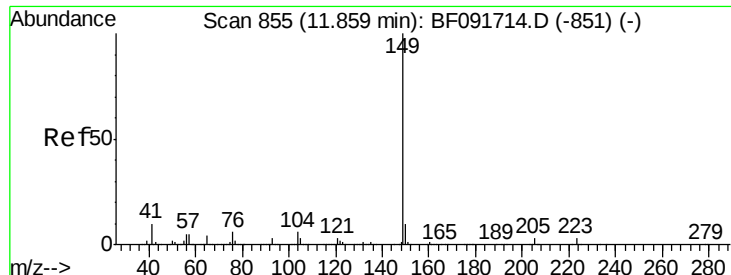


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

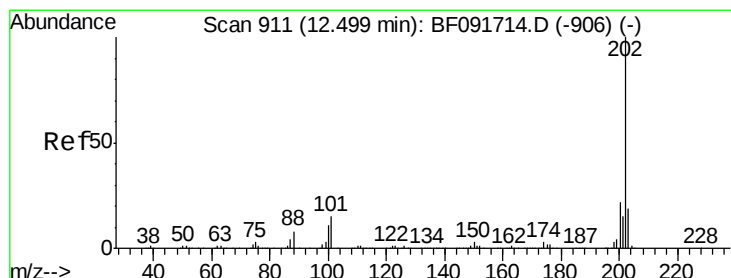
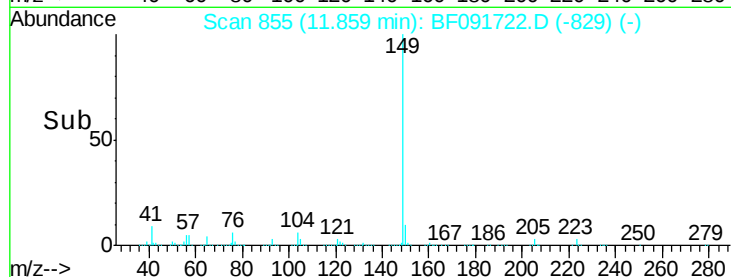
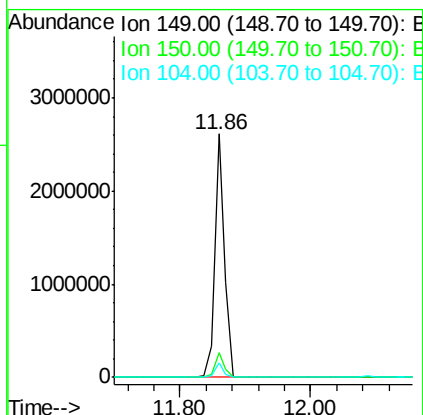
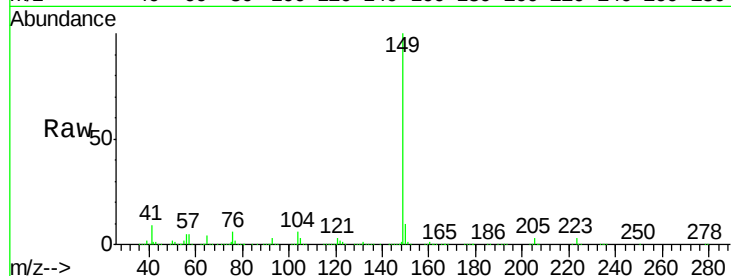




#73
Di-n-butylphthalate
Concen: 43.54 ng
RT: 11.86 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

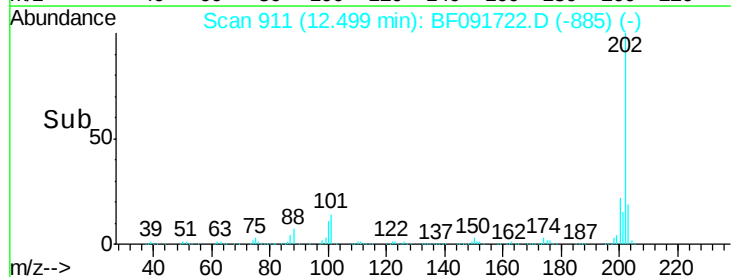
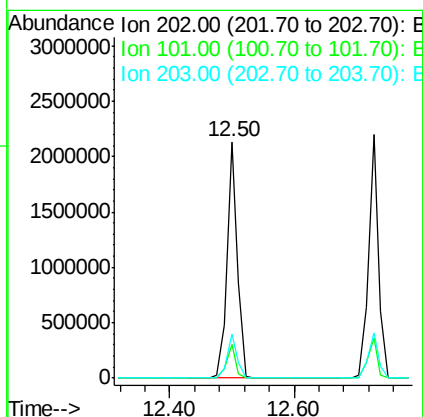
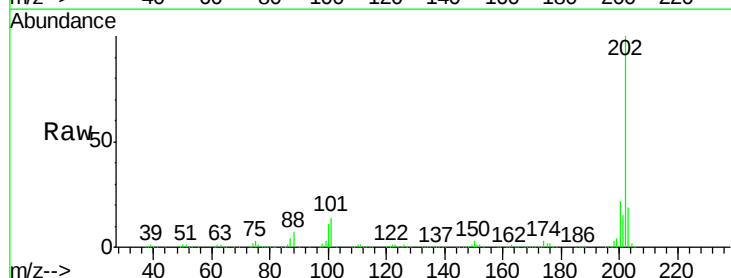
Instrument :
BNA_F
ClientSampleId :
PB95408BS

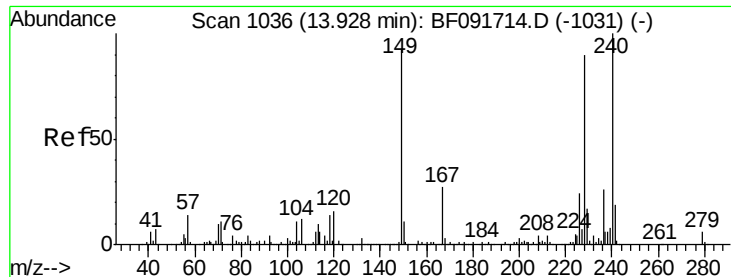
Tgt Ion:149 Resp: 2746218
Ion Ratio Lower Upper
149 100
150 10.0 8.1 12.1
104 6.0 4.6 7.0



#74
Fluoranthene
Concen: 43.60 ng
RT: 12.50 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion:202 Resp: 2418570
Ion Ratio Lower Upper
202 100
101 14.4 0.0 34.6
203 18.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

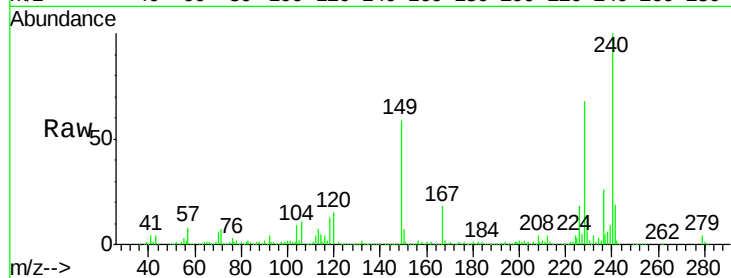
Tgt Ion:240 Resp: 762789

Ion Ratio Lower Upper

240 100

120 15.3 12.9 19.3

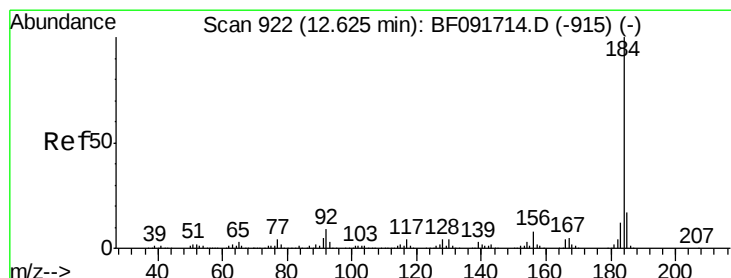
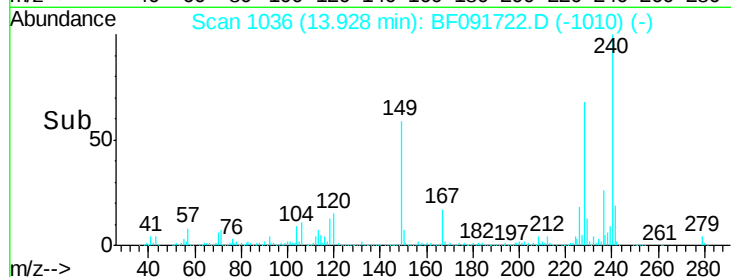
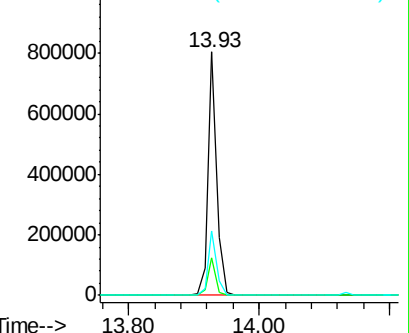
236 26.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.01 ng

RT: 12.62 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

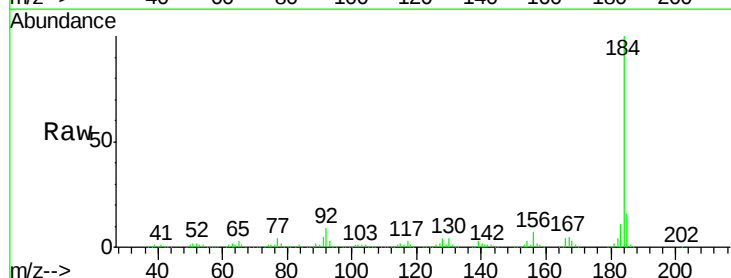
Tgt Ion:184 Resp: 988233

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.0

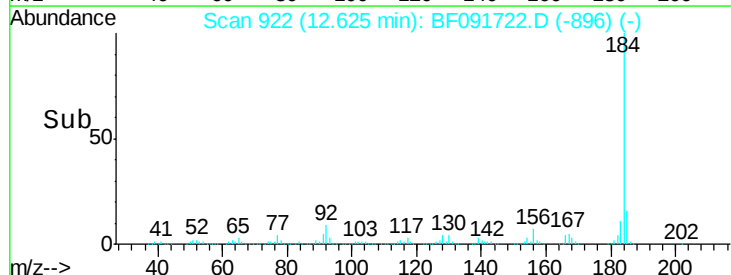
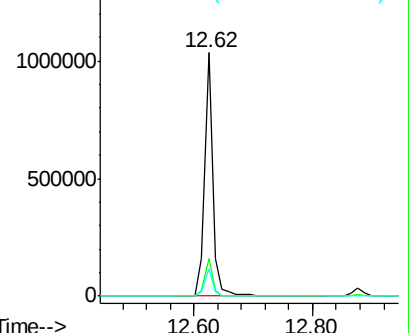
183 11.4 9.2 13.8

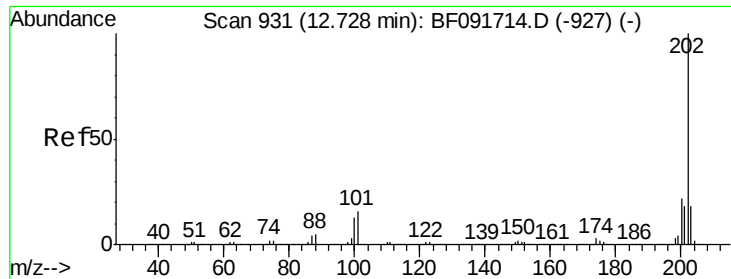


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

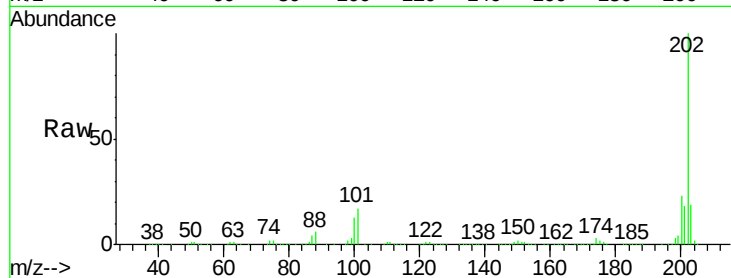




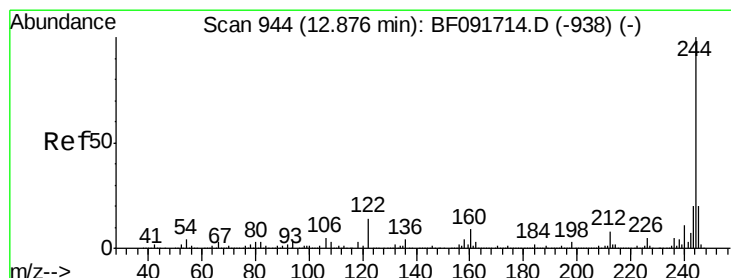
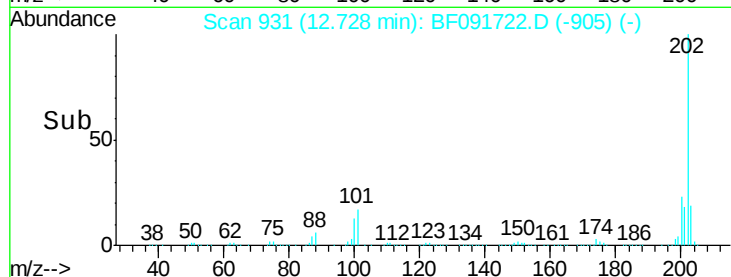
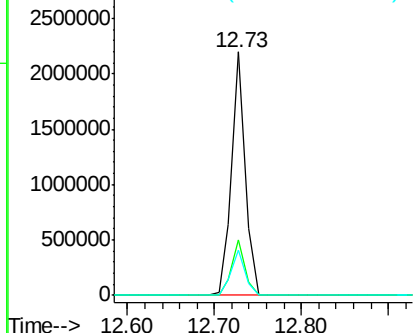
#77
 Pyrene
 Concen: 43.52 ng
 RT: 12.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleID :
 PB95408BS

Tgt Ion:202 Resp: 2397229
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.7 26.5
 203 18.6 14.7 22.1

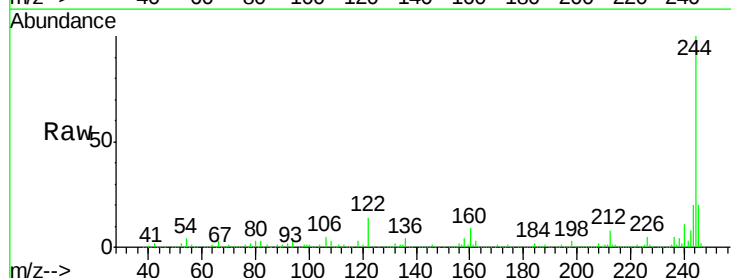


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

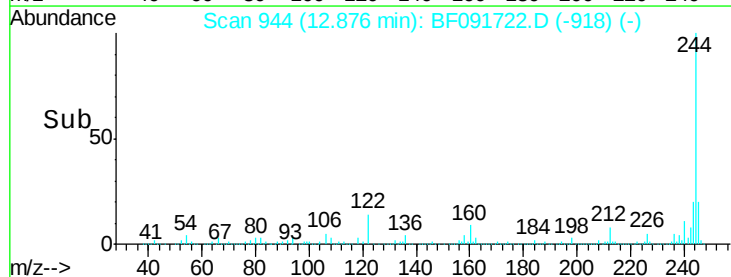
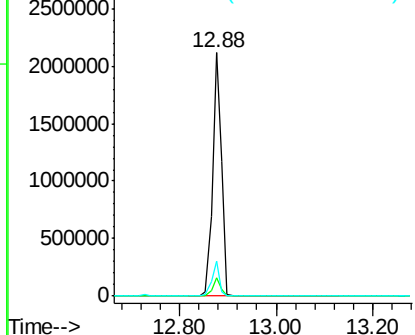


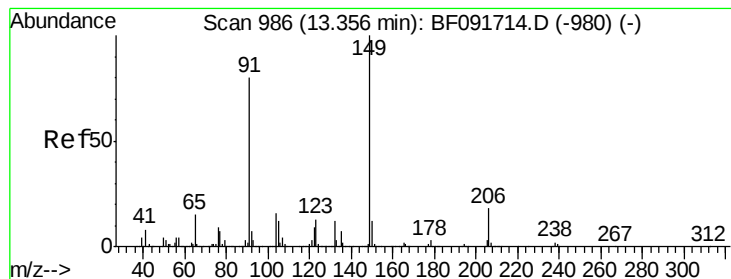
#78
 Terphenyl-d14
 Concen: 92.34 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion:244 Resp: 2789550
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.3 11.4 17.2



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





#79

Butylbenzylphthalate

Concen: 49.27 ng

RT: 13.36 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

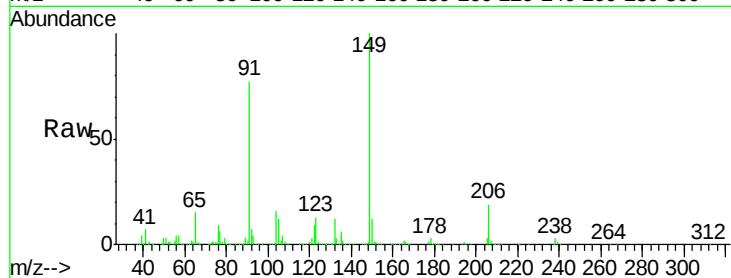
Tgt Ion:149 Resp: 1270418

Ion Ratio Lower Upper

149 100

91 77.4 63.9 95.9

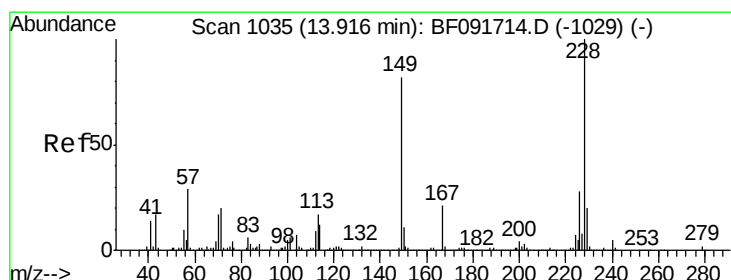
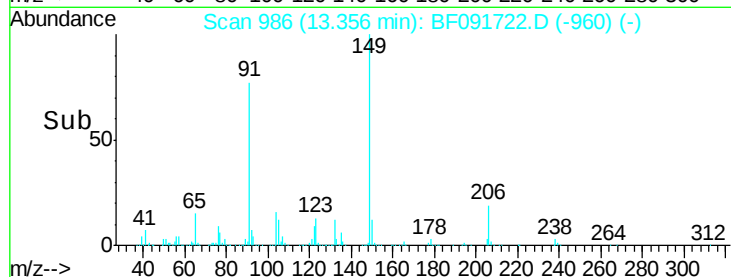
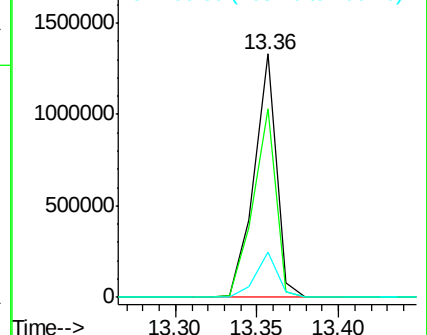
206 18.5 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.86 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

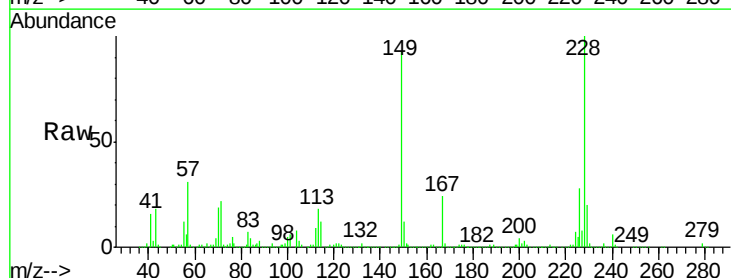
Tgt Ion:228 Resp: 2044536

Ion Ratio Lower Upper

228 100

226 27.9 22.4 33.6

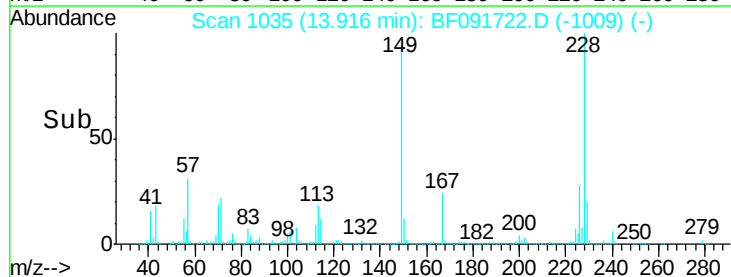
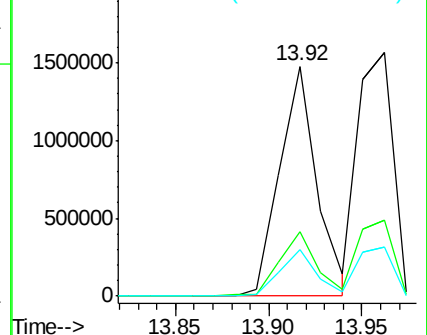
229 20.4 16.2 24.4

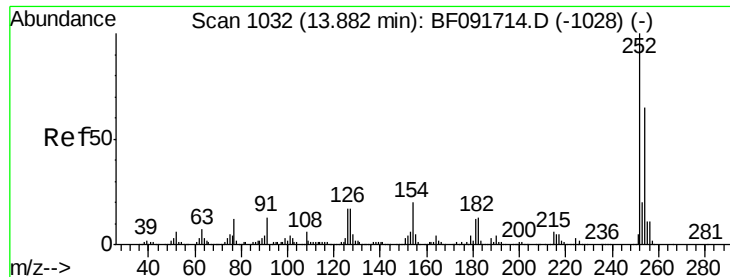


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

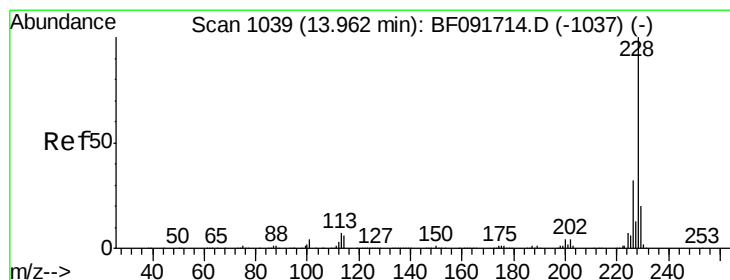
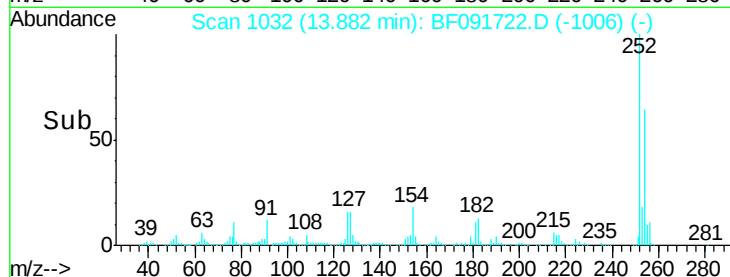
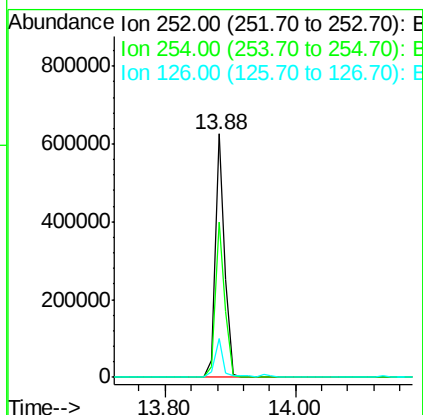
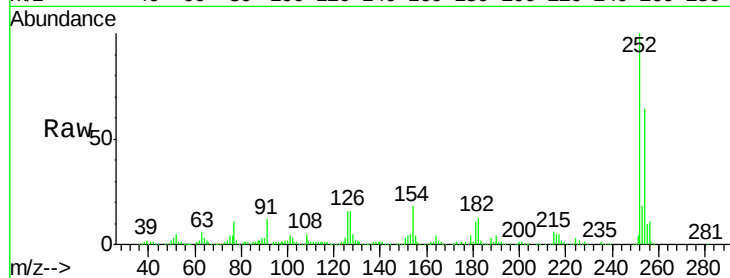




#81
 3,3'-Dichlorobenzidine
 Concen: 37.02 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

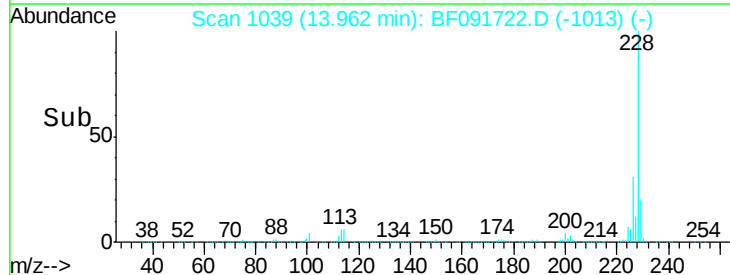
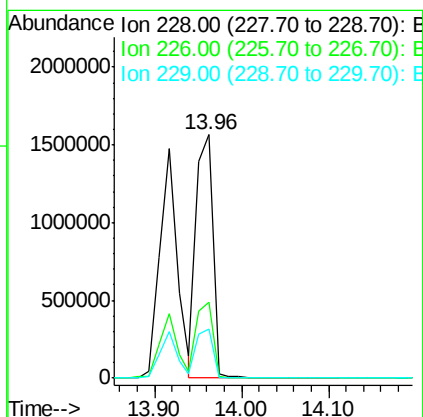
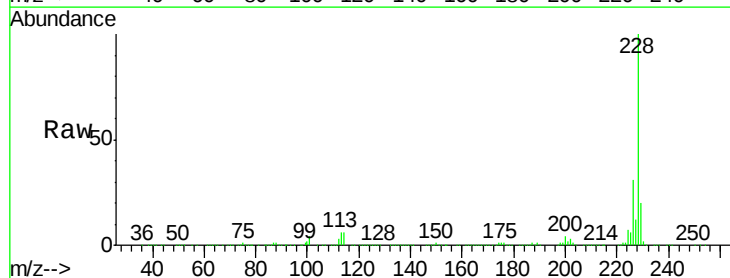
Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

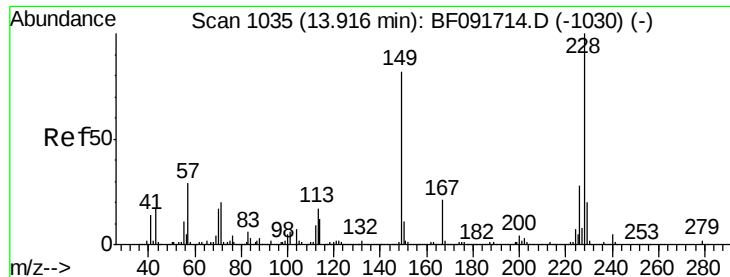
Tgt Ion:252 Resp: 646351
 Ion Ratio Lower Upper
 252 100
 254 63.6 52.3 78.5
 126 15.9 13.6 20.4



#82
 Chrysene
 Concen: 45.82 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion:228 Resp: 2072043
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.0
 229 20.0 16.2 24.2

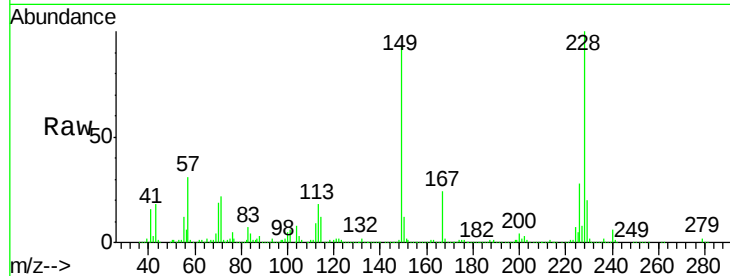




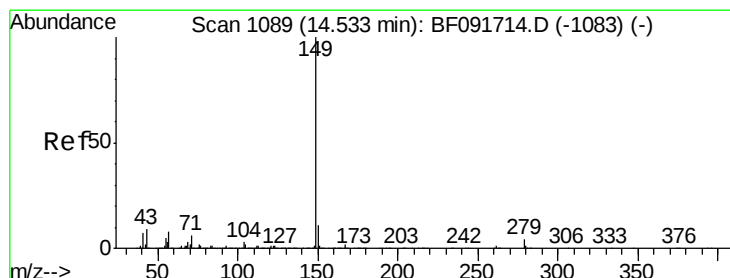
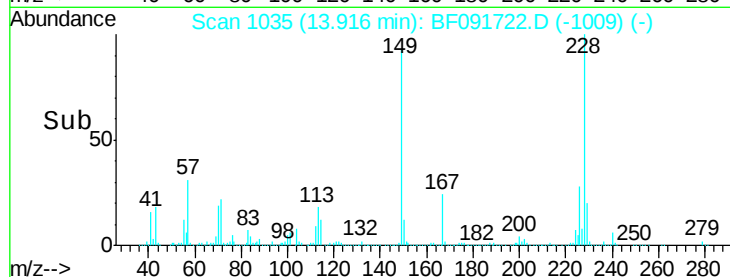
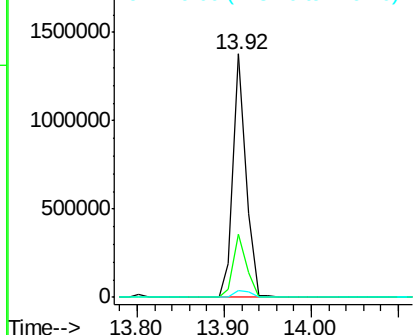
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.36 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Tgt Ion:149 Resp: 1418223
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.2 30.4
 279 2.5 1.8 2.8

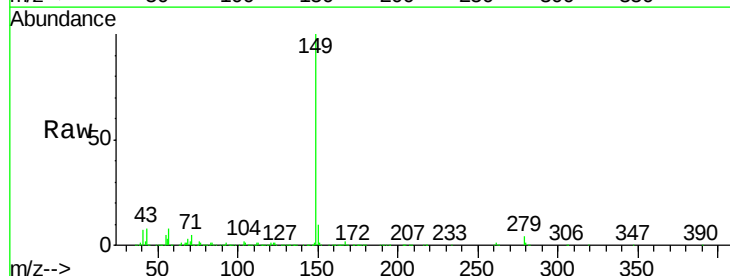


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

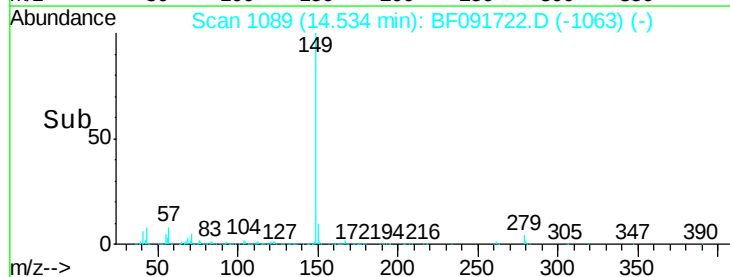
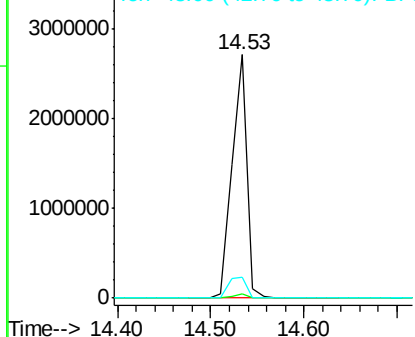


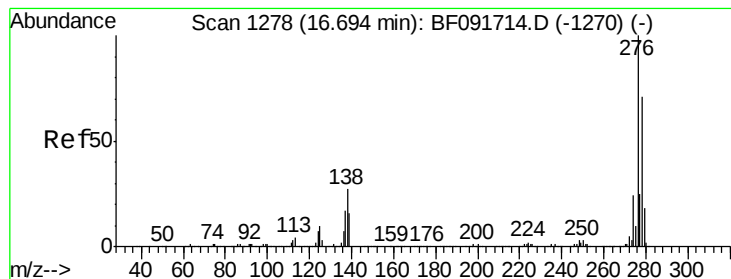
#84
 Di-n-octyl phthalate
 Concen: 49.83 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion:149 Resp: 3003286
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.5 8.9 13.3



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: 48.39 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

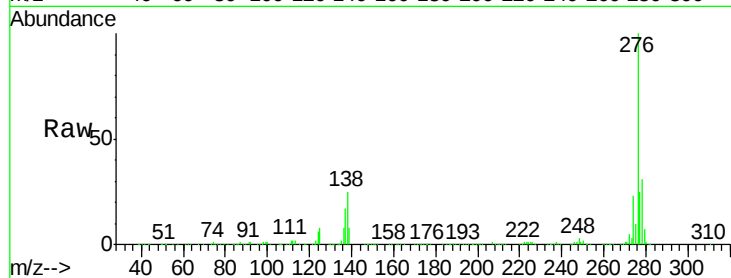
Tgt Ion:276 Resp: 2151824

Ion Ratio Lower Upper

276 100

138 27.0 21.8 32.6

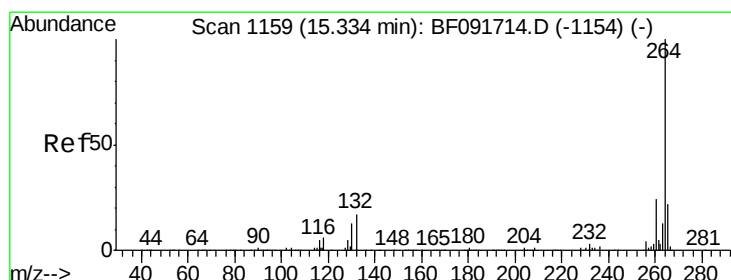
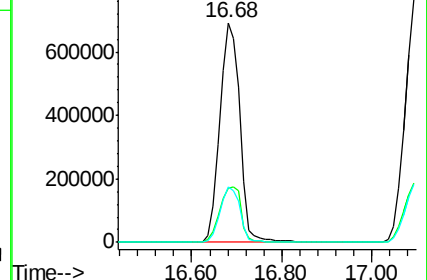
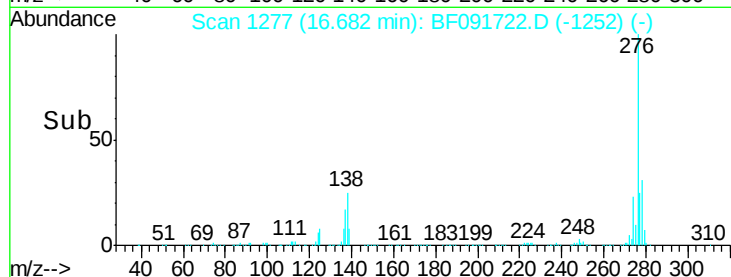
277 25.3 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

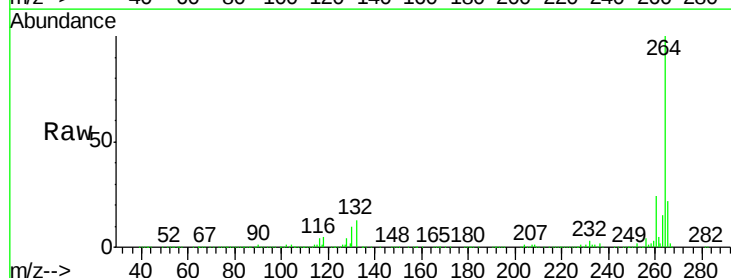
Tgt Ion:264 Resp: 821744

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

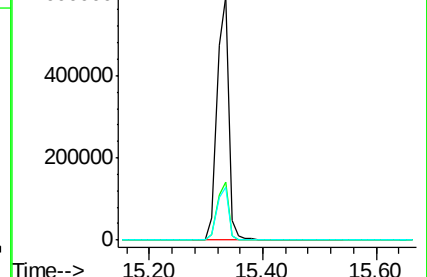
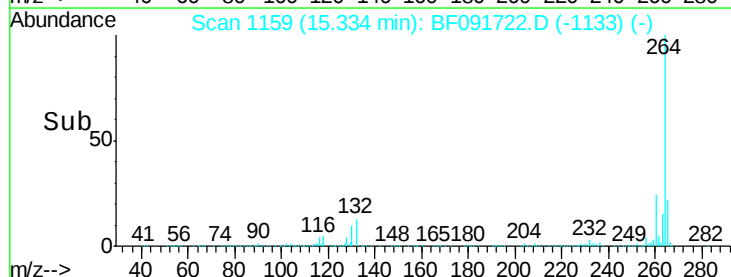
265 21.8 17.4 26.0

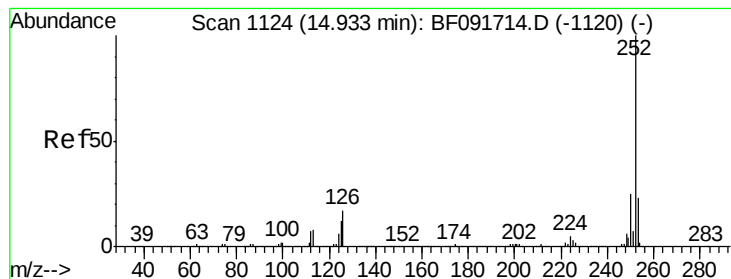


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 80.21 ng

RT: 14.97 min Scan# 1127

Delta R.T. 0.03 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

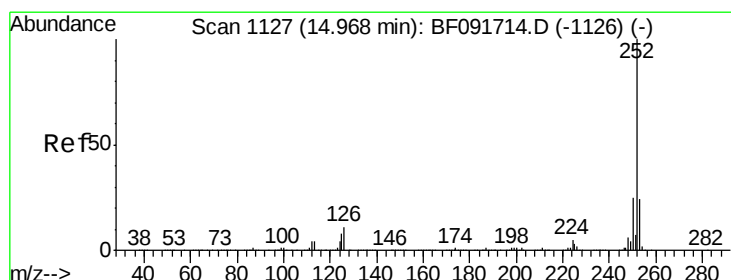
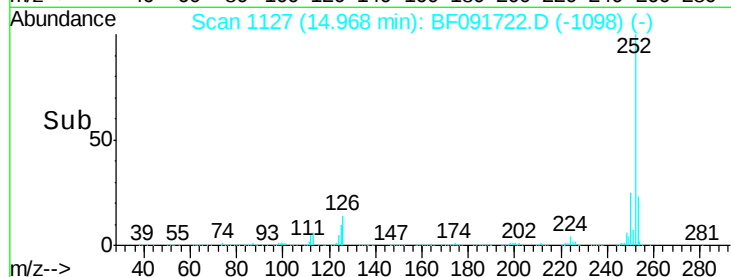
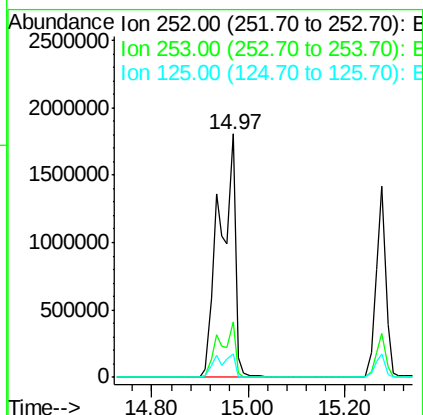
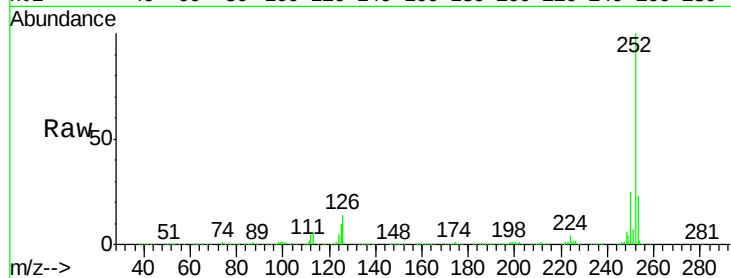
Tgt Ion:252 Resp: 4179469

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

125 9.7 9.8 14.6#



#88

Benzo(k)fluoranthene

Concen: 114.34 ng

RT: 14.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

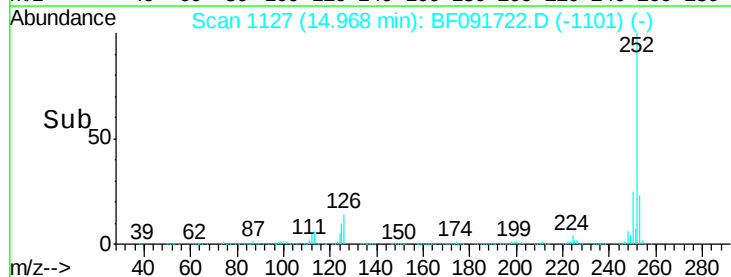
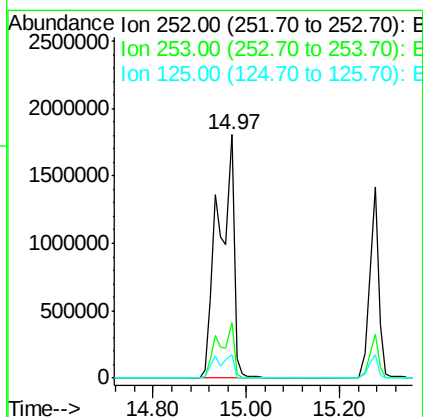
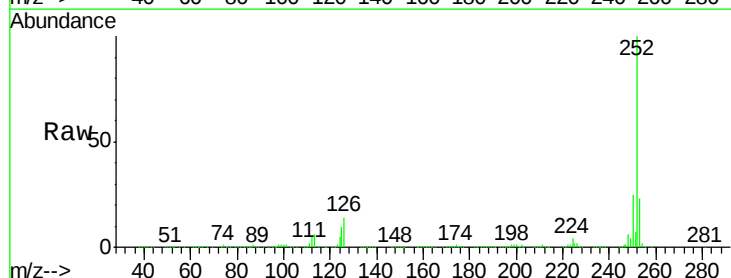
Tgt Ion:252 Resp: 4180223

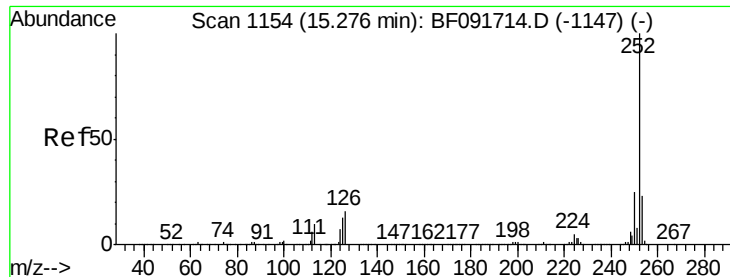
Ion Ratio Lower Upper

252 100

253 23.0 18.5 27.7

125 9.7 8.9 13.3





#89

Benzo(a)pyrene

Concen: 44.12 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

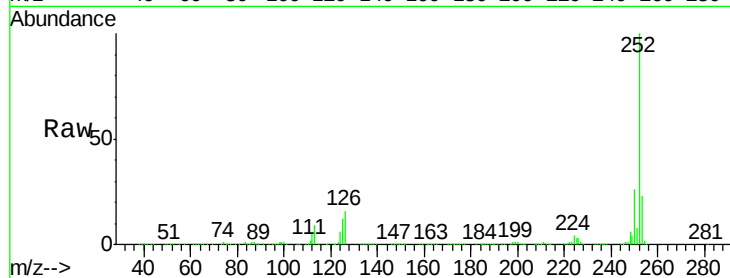
Tgt Ion:252 Resp: 1973041

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

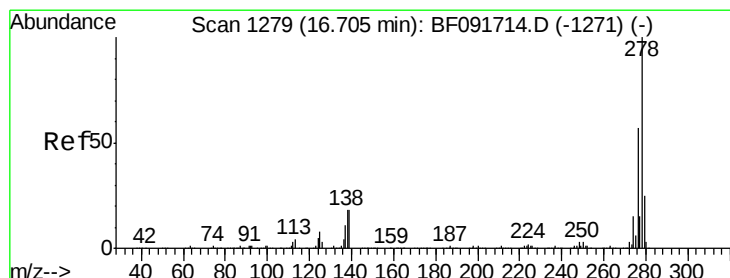
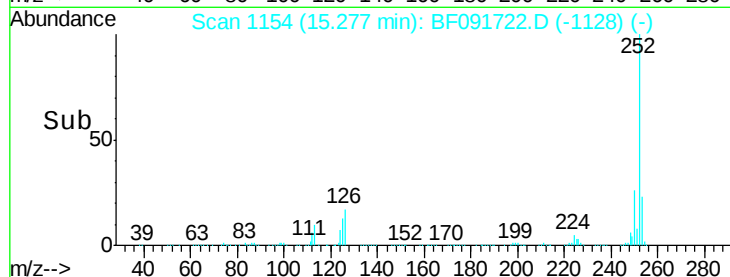
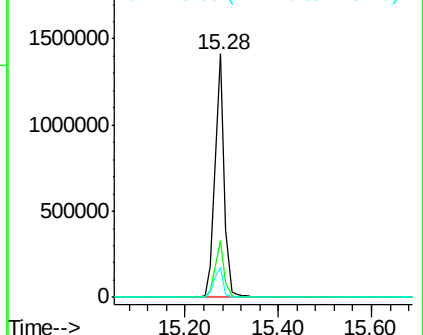
125 12.4 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.16 ng

RT: 16.71 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

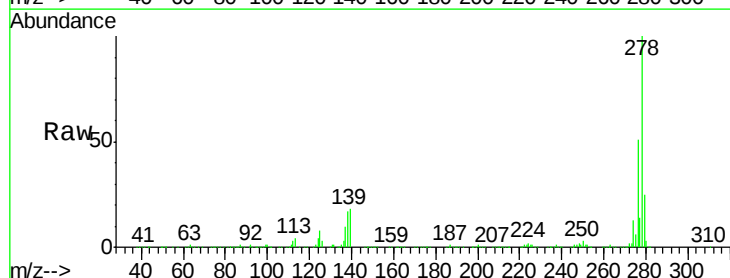
Tgt Ion:278 Resp: 1721319

Ion Ratio Lower Upper

278 100

139 18.2 14.8 22.2

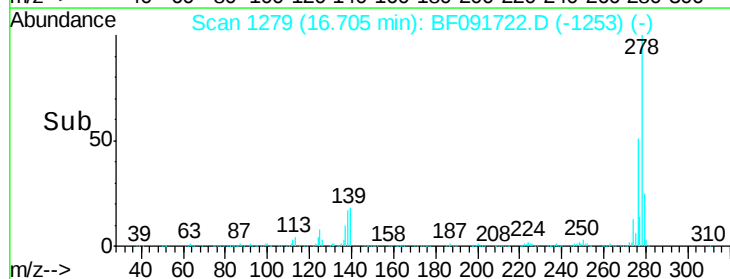
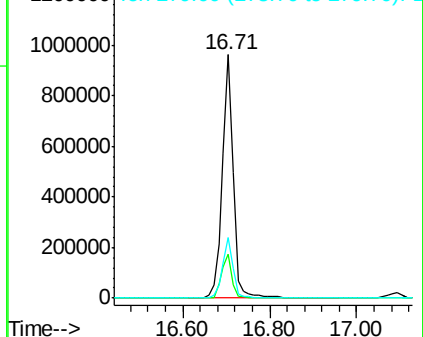
279 24.8 19.8 29.6

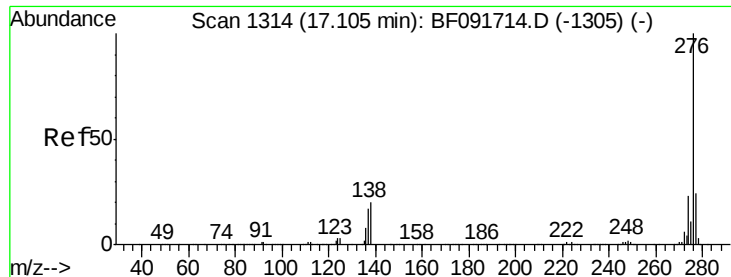


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 45.27 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

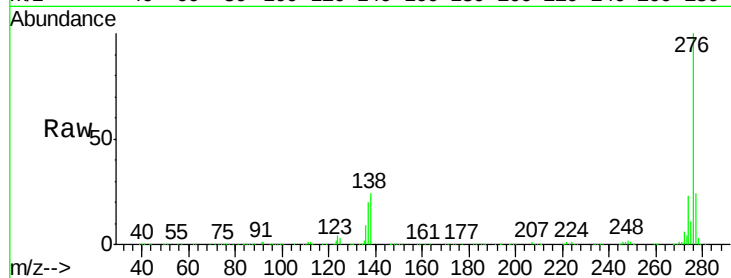
Tgt Ion:276 Resp: 1793660

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 24.3 16.0 24.0#



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

