

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
 Data File : BF091630.D
 Acq On : 15 Dec 2016 16:05
 Operator : UM/SJ
 Sample : PB95365BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95365BS

Quant Time: Dec 16 00:10:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	305965	20.00	ng	-0.03
21) Naphthalene-d8	8.08	136	1269849	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	635851	20.00	ng	-0.03
63) Phenanthrene-d10	11.31	188	1052556	20.00	ng	-0.02
75) Chrysene-d12	13.94	240	659881	20.00	ng	-0.02
86) Perylene-d12	15.35	264	625117	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	2425555	133.56	ng	-0.01
7) Phenol-d6	6.43	99	2979566	131.60	ng	-0.02
23) Nitrobenzene-d5	7.36	82	2037223	89.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	724071	137.10	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	2989527	81.24	ng	-0.03
78) Terphenyl-d14	12.90	244	2806890	96.52	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	330610	34.49	ng	# 84
3) Pyridine	3.10	79	907212	35.52	ng	# 80
4) n-Nitrosodimethylamine	3.06	42	458405	41.78	ng	# 58
6) Aniline	6.45	93	680959	22.94	ng	95
8) 2-Chlorophenol	6.58	128	916300	44.70	ng	95
9) Benzaldehyde	6.33	77	147291	9.45	ng	81
10) Phenol	6.45	94	969695	36.63	ng	95
11) bis(2-Chloroethyl)ether	6.52	93	880244	44.26	ng	92
12) 1,3-Dichlorobenzene	6.73	146	925631	41.64	ng	99
13) 1,4-Dichlorobenzene	6.81	146	935658	42.67	ng	96
14) 1,2-Dichlorobenzene	6.96	146	855661	43.31	ng	98
15) Benzyl Alcohol	6.93	79	729509	40.81	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1265538	41.07	ng	80
17) 2-Methylphenol	7.06	107	792107	46.70	ng	# 76
18) Hexachloroethane	7.30	117	353301	41.29	ng	87
19) n-Nitroso-di-n-propylamine	7.21	70	611737	43.21	ng	# 81
20) 3+4-Methylphenols	7.21	107	870937	47.74	ng	# 83
22) Acetophenone	7.20	105	1235251	40.60	ng	# 96
24) Nitrobenzene	7.37	77	895669	37.26	ng	92
25) Isophorone	7.62	82	1832794	45.32	ng	96
26) 2-Nitrophenol	7.69	139	471893	44.48	ng	87
27) 2,4-Dimethylphenol	7.73	122	804771	43.19	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	1074602	45.30	ng	100
29) 2,4-Dichlorophenol	7.94	162	783300	48.31	ng	94
30) 1,2,4-Trichlorobenzene	8.02	180	793948	43.09	ng	96
31) Naphthalene	8.10	128	2557849	43.29	ng	99
32) Benzoic acid	7.87	122	595497	44.89	ng	93
33) 4-Chloroaniline	8.14	127	266722	10.48	ng	96
34) Hexachlorobutadiene	8.21	225	409496	38.77	ng	97
35) Caprolactam	8.52	113	155416	32.82	ng	# 61
36) 4-Chloro-3-methylphenol	8.64	107	851744	46.84	ng	99
37) 2-Methylnaphthalene	8.78	142	1573566	41.15	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	710477	40.74	ng	98
40) Hexachlorocyclopentadiene	8.94	237	744241	95.72	ng	99

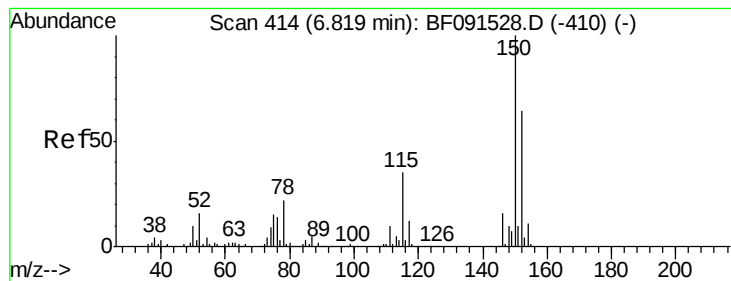
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	534876	47.73	ng	96
43) 2,4,5-Trichlorophenol	9.12	196	496447	43.11	ng #	89
45) 1,1'-Biphenyl	9.25	154	1966597	42.70	ng	98
46) 2-Chloronaphthalene	9.28	162	1511295	42.38	ng	99
47) 2-Nitroaniline	9.37	65	507907	42.35	ng #	86
48) Acenaphthylene	9.69	152	2231801	41.05	ng	99
49) Dimethylphthalate	9.56	163	1856218	46.10	ng	99
50) 2,6-Dinitrotoluene	9.62	165	430787	48.75	ng #	84
51) Acenaphthene	9.86	154	1658857	43.93	ng	97
52) 3-Nitroaniline	9.78	138	183161	17.64	ng	96
53) 2,4-Dinitrophenol	9.89	184	468823	86.75	ng	96
54) Dibenzofuran	10.03	168	1946332	41.66	ng	98
55) 4-Nitrophenol	9.96	139	703312	91.07	ng #	86
56) 2,4-Dinitrotoluene	10.02	165	479165	43.26	ng #	57
57) Fluorene	10.37	166	1396347	41.44	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.16	232	442371	49.07	ng	96
59) Diethylphthalate	10.26	149	1728540	44.59	ng	96
60) 4-Chlorophenyl-phenylether	10.37	204	721972	42.98	ng	95
61) 4-Nitroaniline	10.40	138	426096	41.30	ng	93
62) Azobenzene	10.53	77	2074235	47.21	ng	93
64) 4,6-Dinitro-2-methylphenol	10.43	198	327574	51.05	ng #	51
65) n-Nitrosodiphenylamine	10.49	169	1358527	43.29	ng	100
66) 4-Bromophenyl-phenylether	10.85	248	458083	42.45	ng	92
67) Hexachlorobenzene	10.92	284	476425	42.46	ng #	82
68) Atrazine	11.02	200	482153	47.79	ng	95
69) Pentachlorophenol	11.12	266	518766	82.15	ng	95
70) Phenanthrene	11.33	178	2284350	43.83	ng	98
71) Anthracene	11.39	178	2479010	44.09	ng	99
72) Carbazole	11.54	167	1985015	40.28	ng	100
73) Di-n-butylphthalate	11.88	149	2784692	48.50	ng	99
74) Fluoranthene	12.52	202	2546296	46.65	ng	98
76) Benzidine	12.64	184	382068	18.73	ng	98
77) Pyrene	12.74	202	2500015	47.75	ng	98
79) Butylbenzylphthalate	13.37	149	1054456	51.67	ng	90
80) Benzo(a)anthracene	13.93	228	1820858	47.51	ng	100
81) 3,3'-Dichlorobenzidine	13.89	252	460373	33.45	ng #	97
82) Chrysene	13.97	228	1877115	46.82	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	1261946	48.20	ng	98
84) Di-n-octyl phthalate	14.55	149	2323876	52.29	ng #	92
85) Indeno(1,2,3-cd)pyrene	16.71	276	1666751	46.20	ng	98
87) Benzo(b)fluoranthene	14.98	252	3283122	88.10	ng	99
88) Benzo(k)fluoranthene	14.98	252	3284568	100.24	ng	97
89) Benzo(a)pyrene	15.29	252	1534619	45.71	ng	99
90) Dibenzo(a,h)anthracene	16.73	278	1352120	44.96	ng #	95
91) Benzo(g,h,i)perylene	17.12	276	1432636	46.81	ng #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF091630.D

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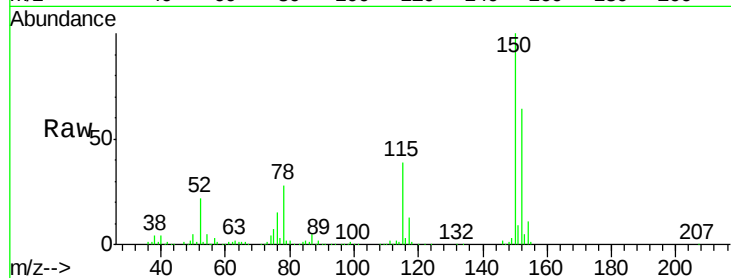
Tgt Ion:152 Resp: 305965

Ion Ratio Lower Upper

152 100

150 156.2 122.5 183.7

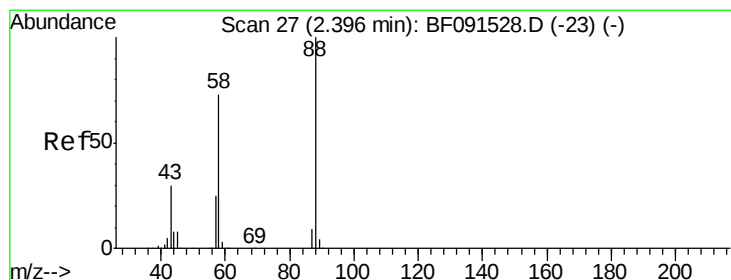
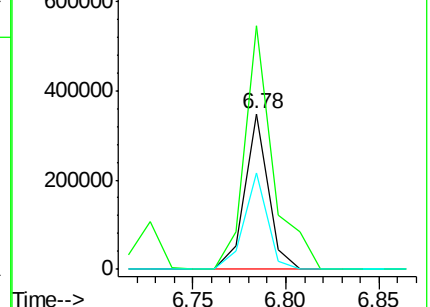
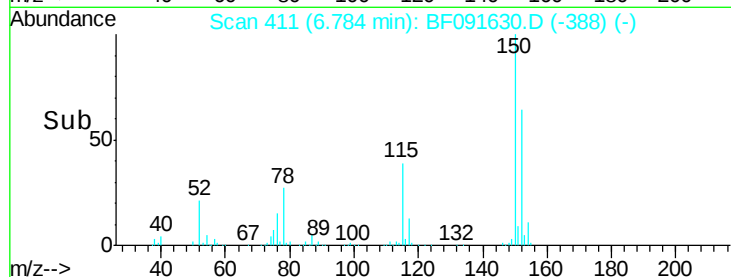
115 61.6 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.49 ng

RT: 2.42 min Scan# 29

Delta R.T. 0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

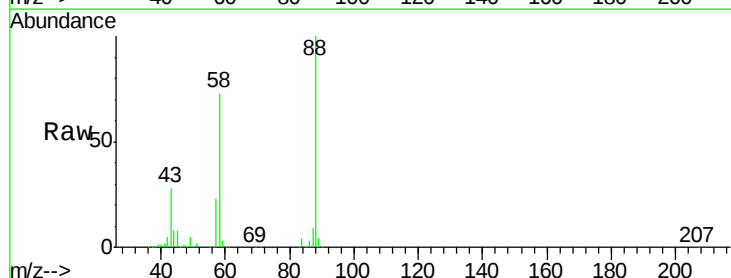
Tgt Ion: 88 Resp: 330610

Ion Ratio Lower Upper

88 100

58 74.2 70.3 105.5

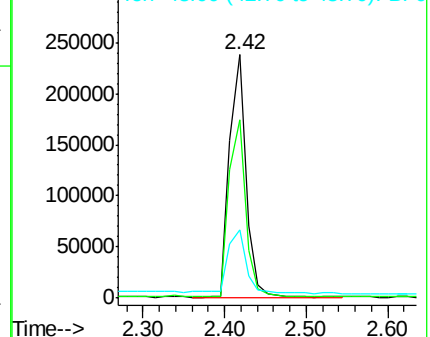
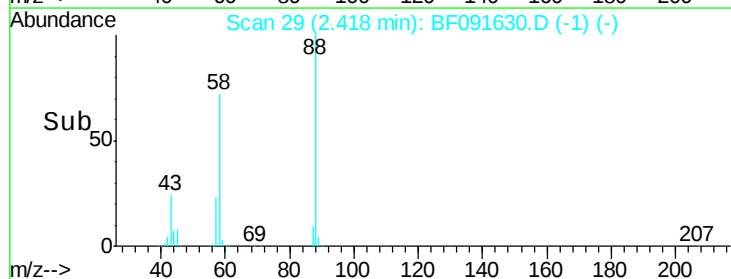
43 28.5 31.3 46.9#

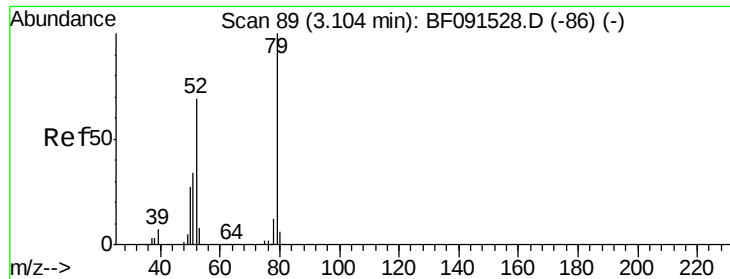


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.52 ng

RT: 3.10 min Scan# 89

Delta R.T. -0.00 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

PB95365BS

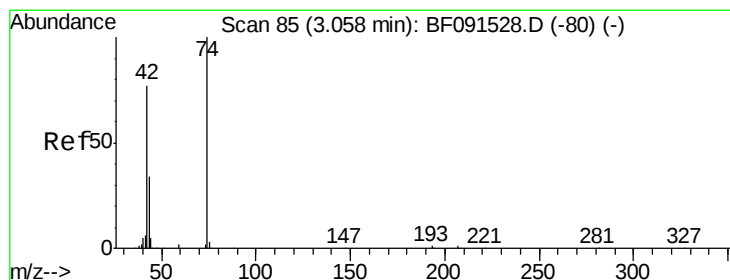
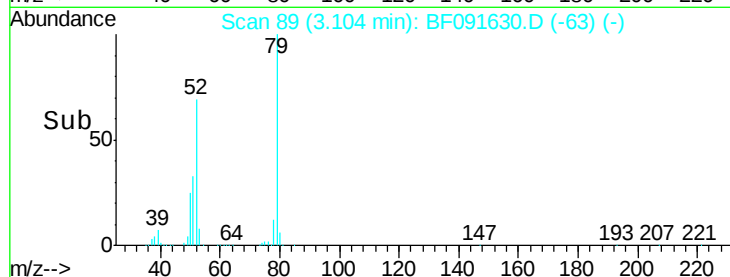
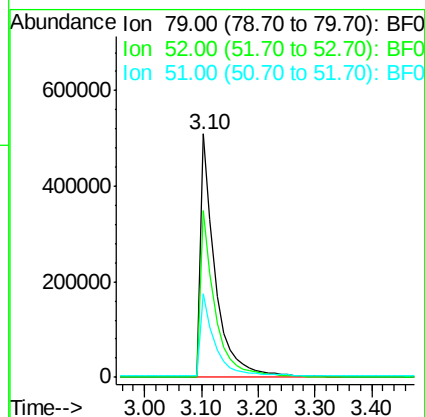
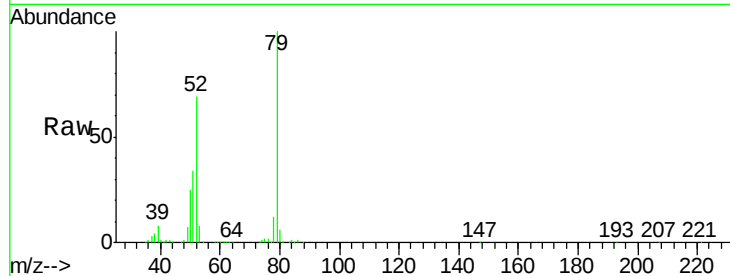
Tgt Ion: 79 Resp: 907212

Ion Ratio Lower Upper

79 100

52 68.8 71.0 106.4#

51 34.1 37.0 55.4#



#4

n-Nitrosodimethylamine

Concen: 41.78 ng

RT: 3.06 min Scan# 85

Delta R.T. -0.00 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

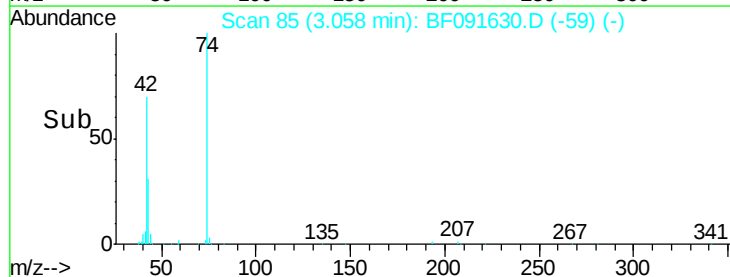
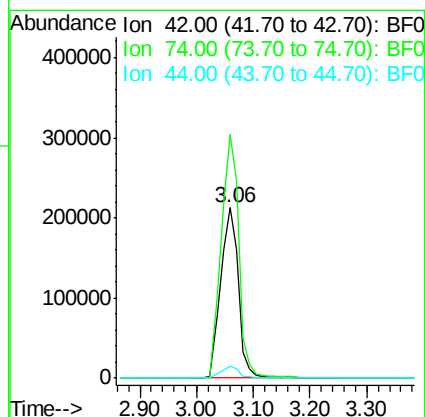
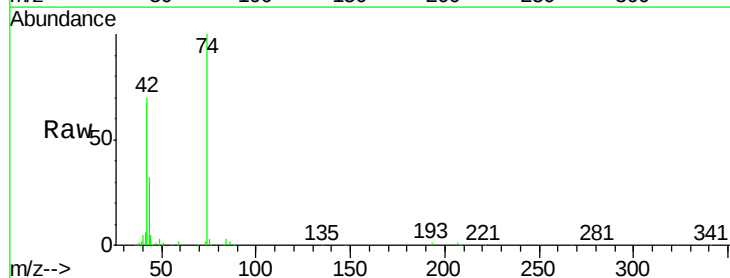
Tgt Ion: 42 Resp: 458405

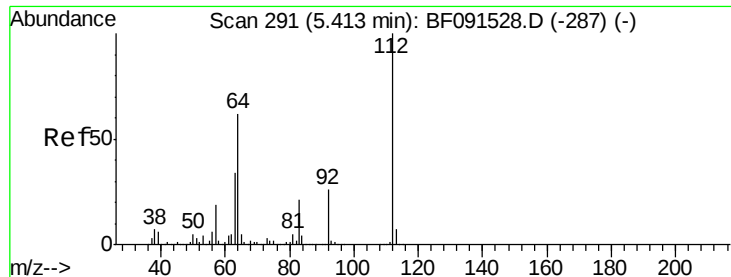
Ion Ratio Lower Upper

42 100

74 143.2 78.9 118.3#

44 7.1 5.8 8.6





#5

2-Fluorophenol

Concen: 133.56 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.01 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

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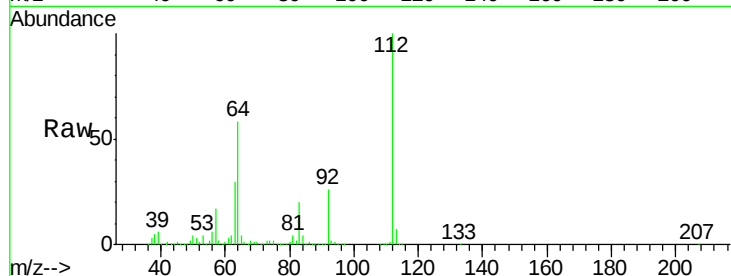
Tgt Ion:112 Resp: 242555

Ion Ratio Lower Upper

112 100

64 57.7 61.5 92.3#

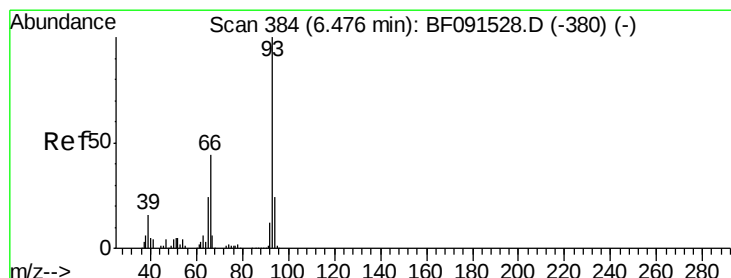
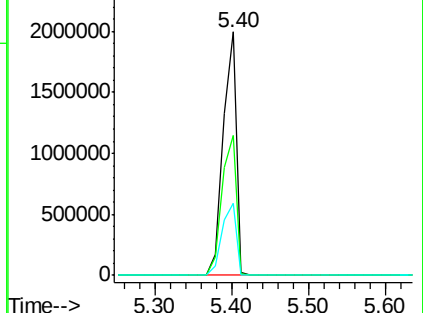
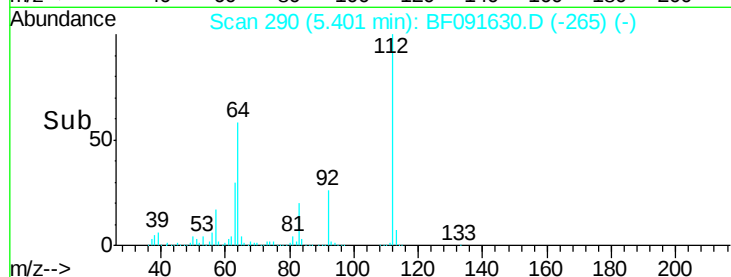
63 29.7 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.94 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

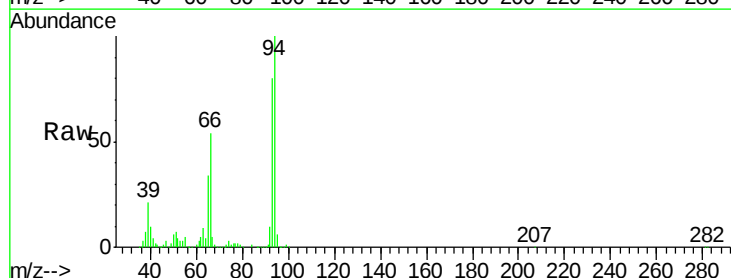
Tgt Ion: 93 Resp: 680959

Ion Ratio Lower Upper

93 100

66 67.8 55.8 83.6

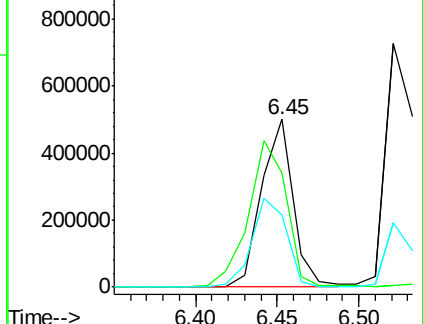
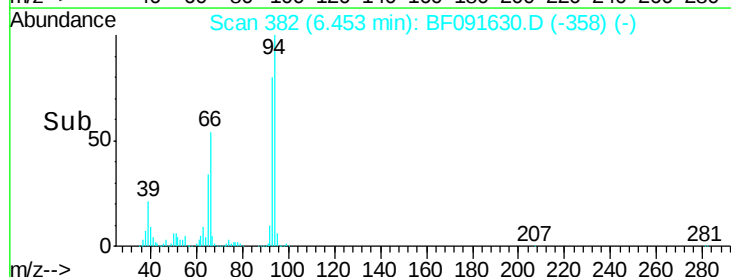
65 42.9 29.9 44.9

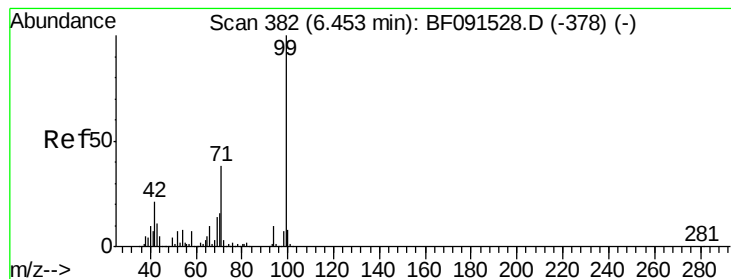


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.60 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

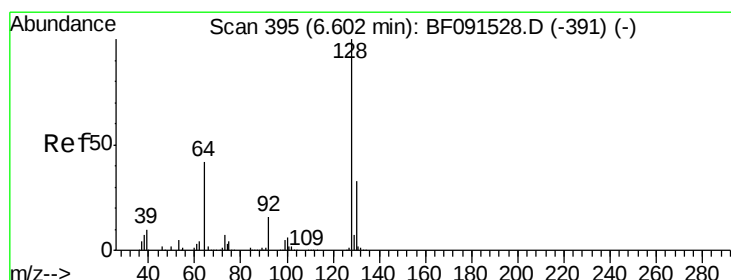
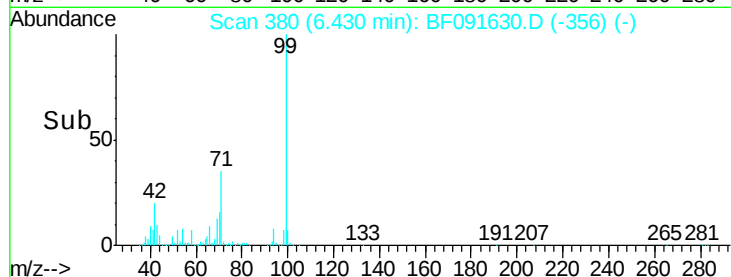
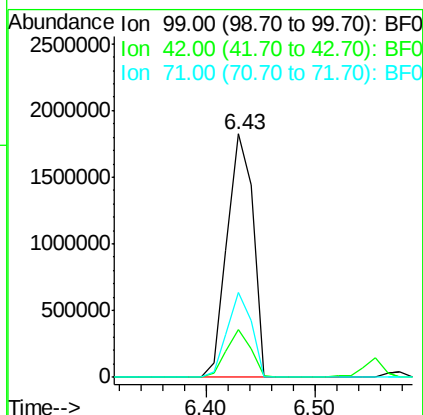
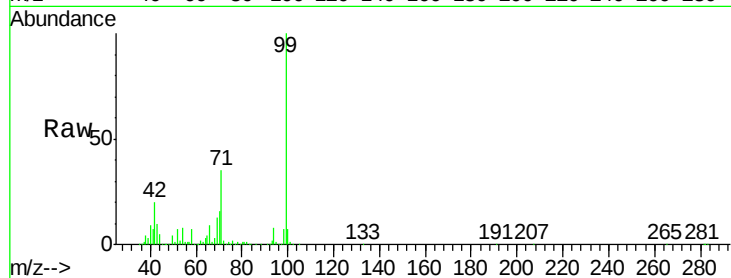
BNA_F

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PB95365BS

Tgt Ion: 99 Resp: 2979566

Ion	Ratio	Lower	Upper
99	100		
42	19.8	20.6	31.0#
71	34.6	29.9	44.9



#8

2-Chlorophenol

Concen: 44.70 ng

RT: 6.58 min Scan# 393

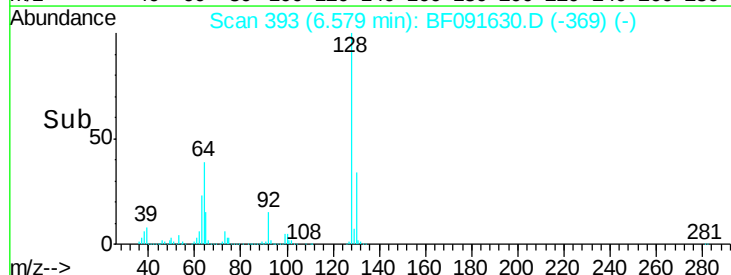
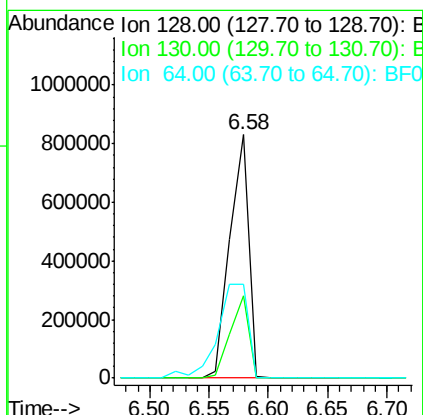
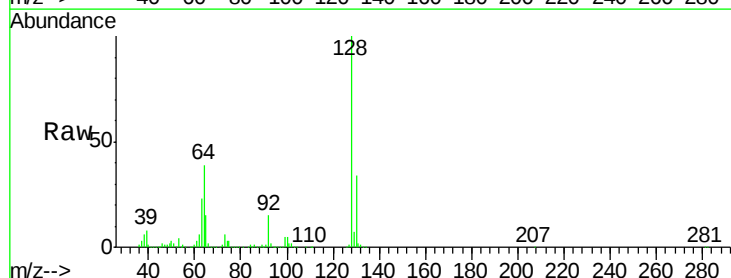
Delta R.T. -0.02 min

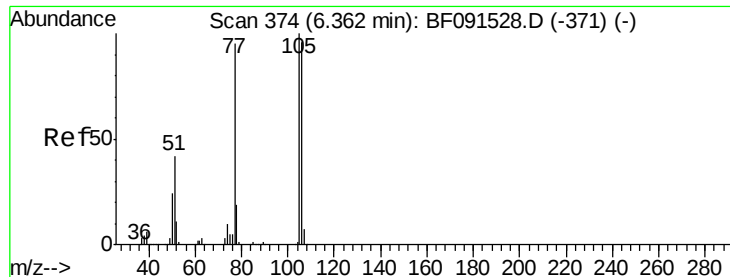
Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Tgt Ion: 128 Resp: 916300

Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.1	53.1
64	38.7	24.1	64.1





#9

Benzaldehyde

Concen: 9.45 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.03 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

PB95365BS

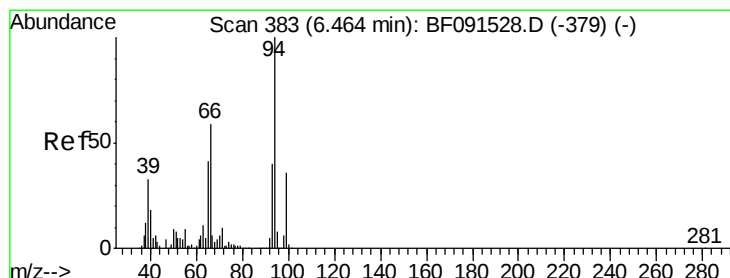
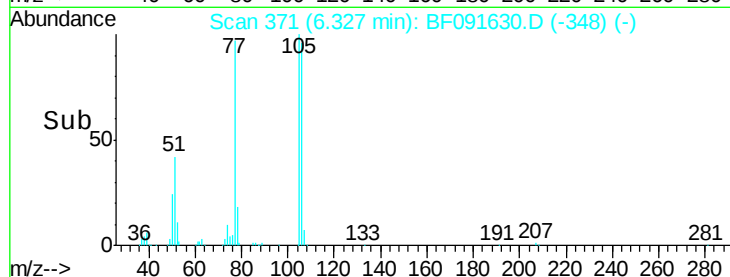
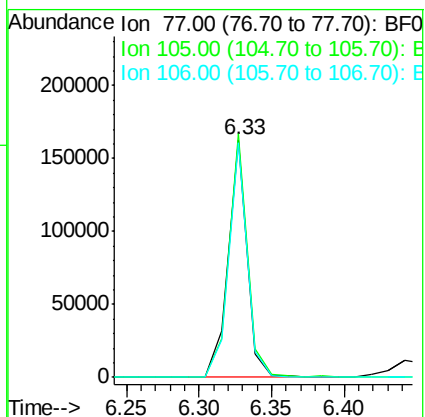
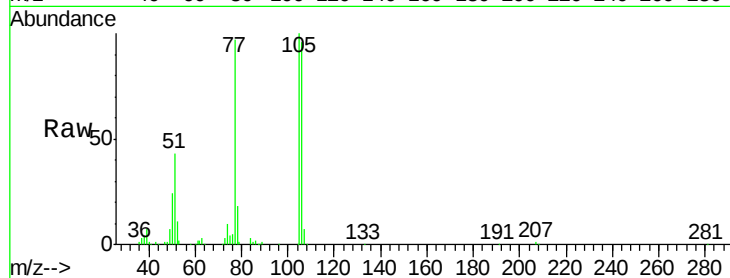
Tgt Ion: 77 Resp: 147291

Ion Ratio Lower Upper

77 100

105 102.6 66.4 106.4

106 98.7 60.9 100.9



#10

Phenol

Concen: 36.63 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

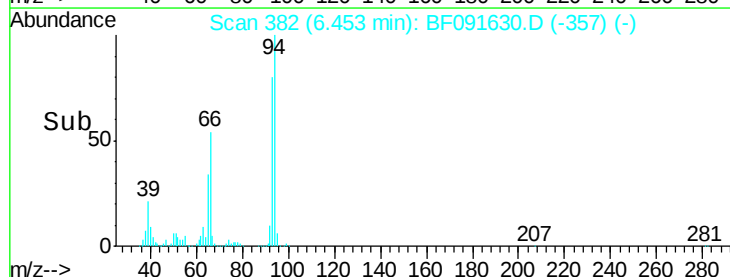
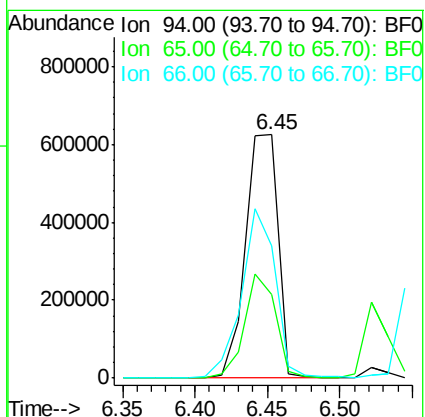
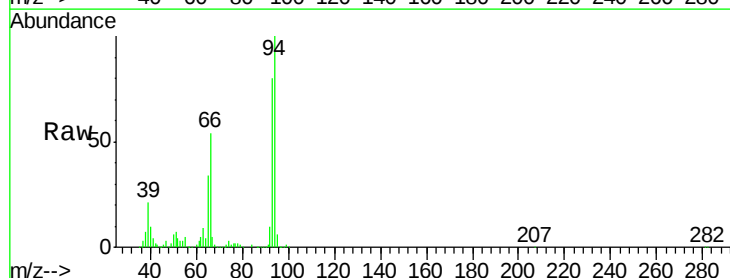
Tgt Ion: 94 Resp: 969695

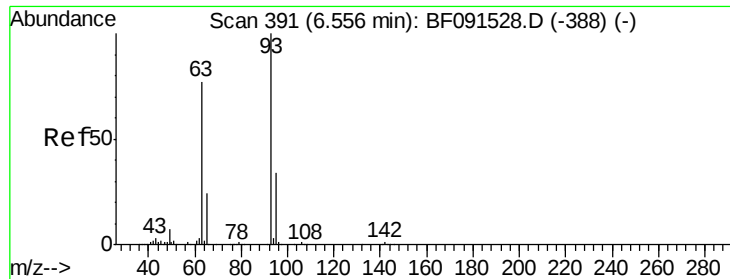
Ion Ratio Lower Upper

94 100

65 34.4 16.9 56.9

66 54.3 30.6 70.6

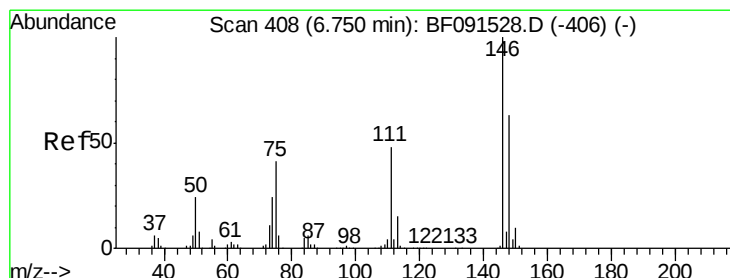
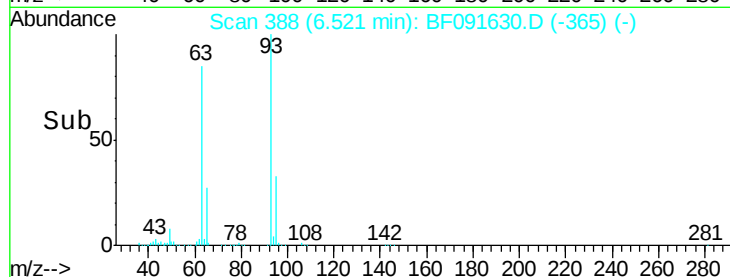
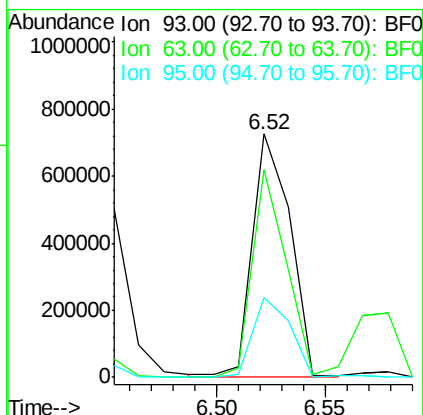
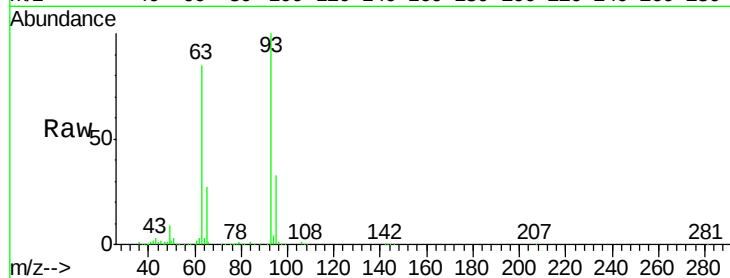




#11
bis(2-Chloroethyl)ether
Concen: 44.26 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.03 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

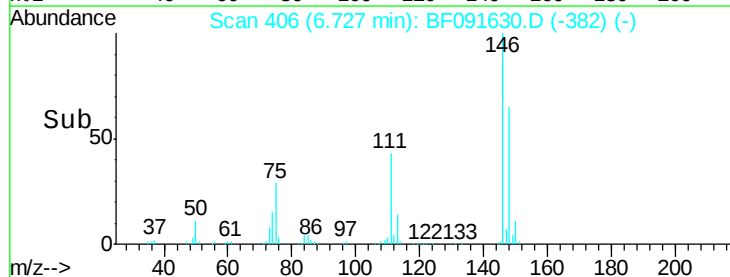
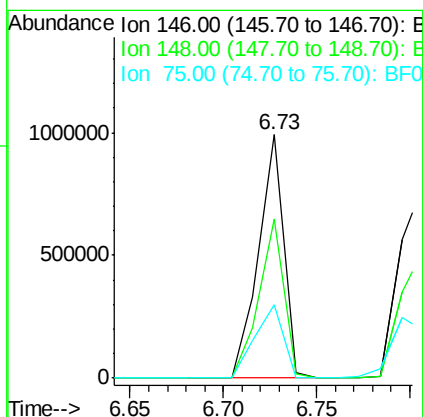
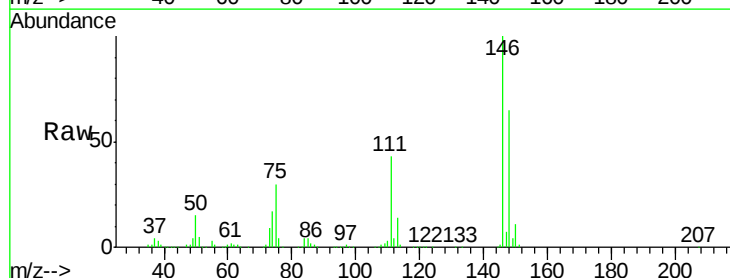
Instrument :
BNA_F
ClientSampleId :
PB95365BS

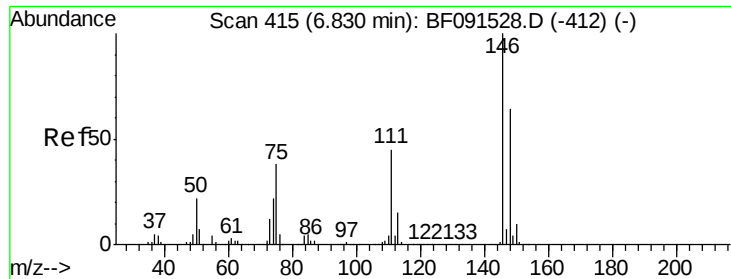
Tgt Ion: 93 Resp: 880244
Ion Ratio Lower Upper
93 100
63 85.2 74.8 114.8
95 32.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.64 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Tgt Ion: 146 Resp: 925631
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.0
75 30.2 23.6 35.4

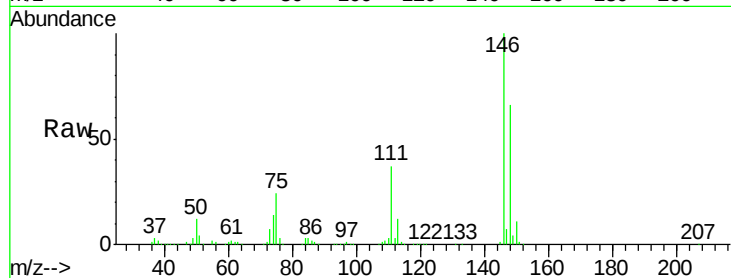




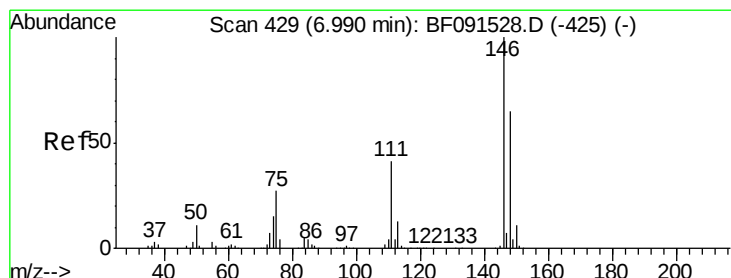
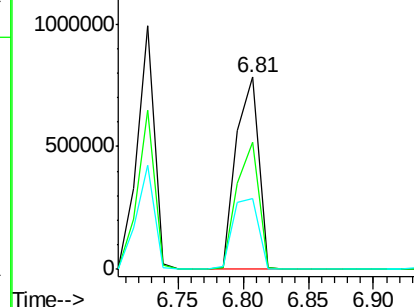
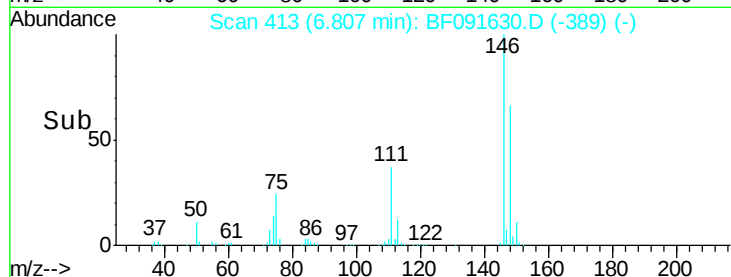
#13
 1,4-Dichlorobenzene
 Concen: 42.67 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB95365BS

Tgt Ion:146 Resp: 935658
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.4 77.0
 111 37.0 32.2 48.2

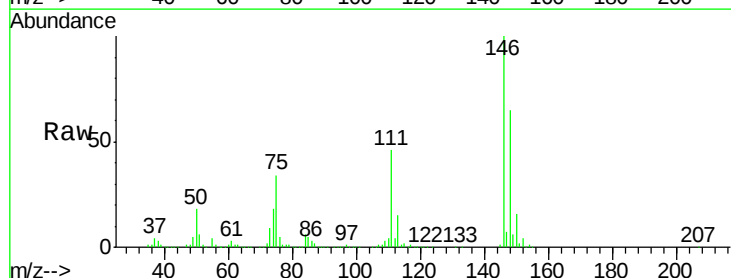


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

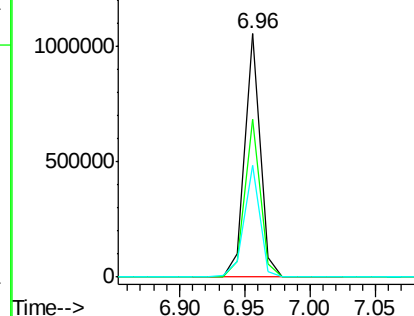
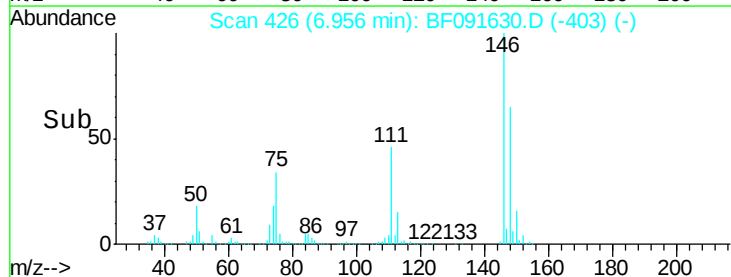


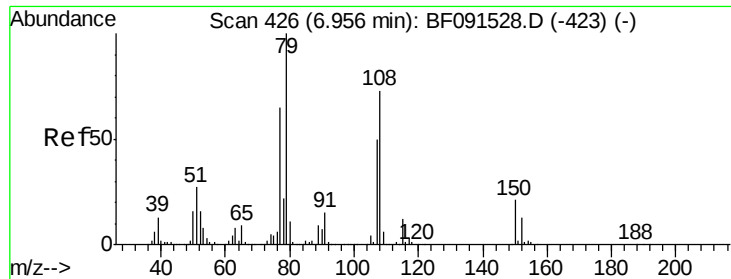
#14
 1,2-Dichlorobenzene
 Concen: 43.31 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.03 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Tgt Ion:146 Resp: 855661
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.0 76.6
 111 45.9 38.9 58.3



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





#15

Benzyl Alcohol

Concen: 40.81 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

PB95365BS

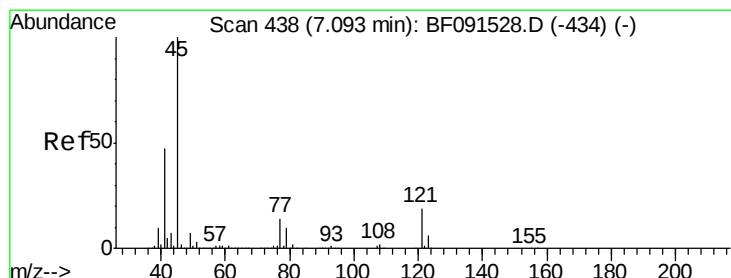
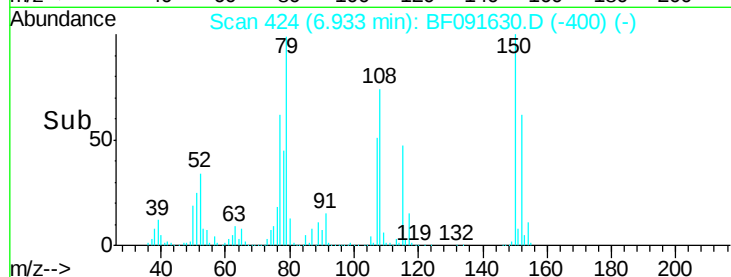
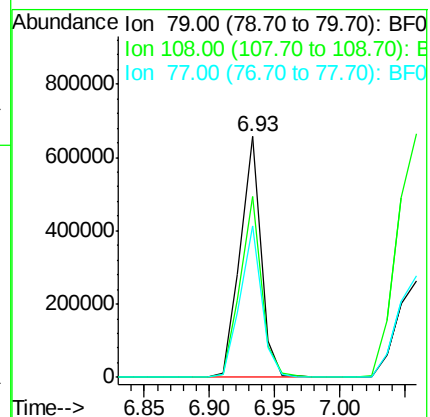
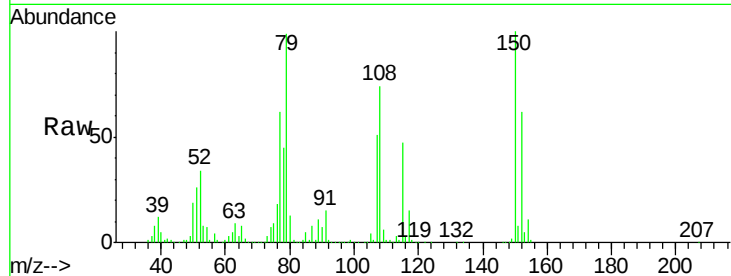
Tgt Ion: 79 Resp: 729509

Ion Ratio Lower Upper

79 100

108 75.3 62.7 94.1

77 63.0 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.07 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

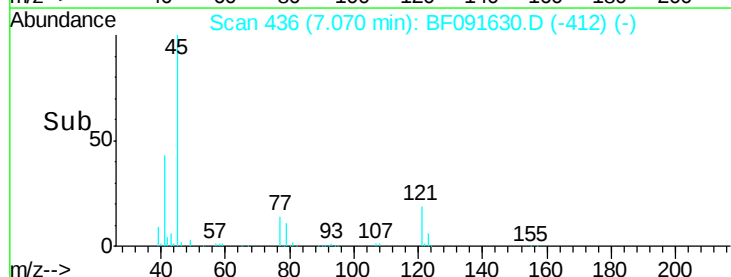
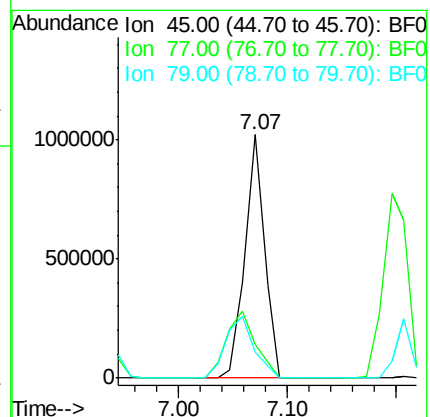
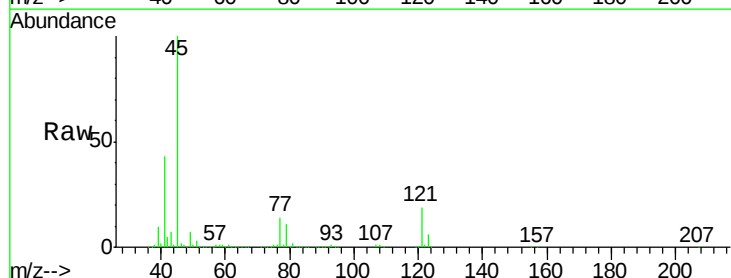
Tgt Ion: 45 Resp: 1265538

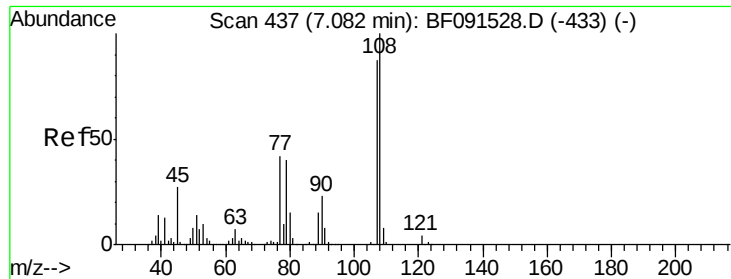
Ion Ratio Lower Upper

45 100

77 14.0 3.8 43.8

79 10.8 0.2 40.2

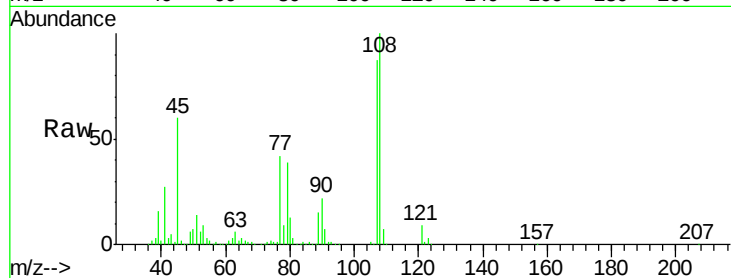




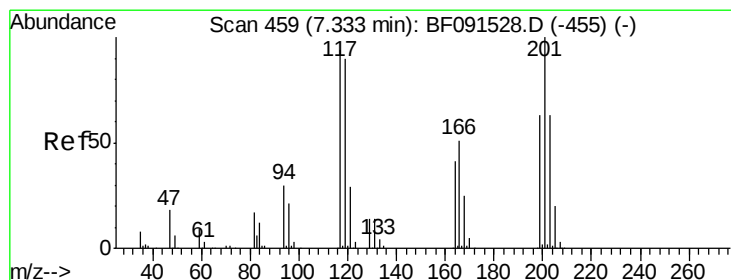
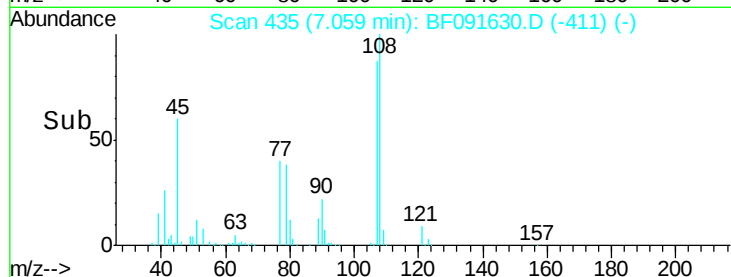
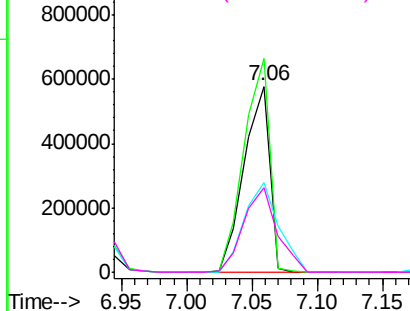
#17
2-Methylphenol
Concen: 46.70 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Instrument :
BNA_F
ClientSampleId :
PB95365BS

Tgt Ion:107 Resp: 792107
Ion Ratio Lower Upper
107 100
108 114.7 67.7 101.5#
77 48.1 40.7 61.1
79 45.3 23.4 35.2#

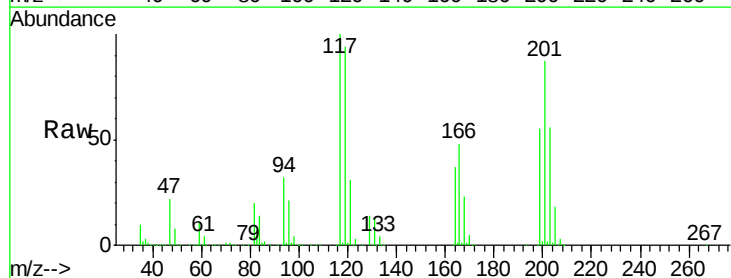


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

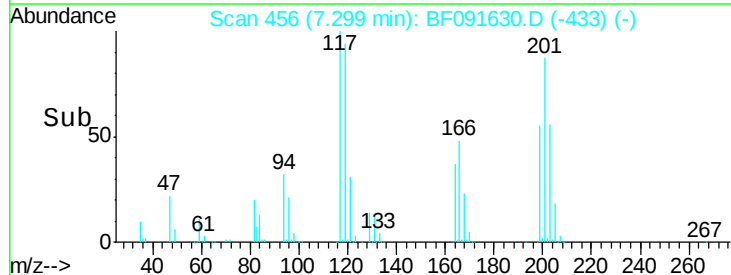
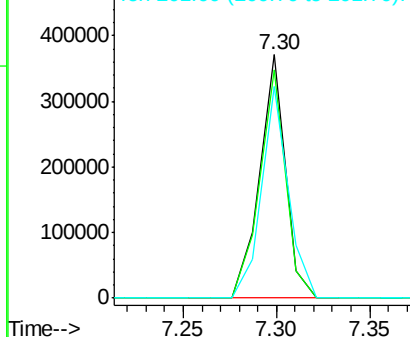


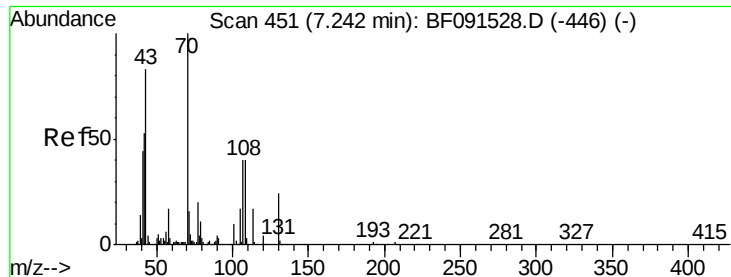
#18
Hexachloroethane
Concen: 41.29 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Tgt Ion:117 Resp: 353301
Ion Ratio Lower Upper
117 100
119 93.8 78.6 118.0
201 86.9 86.7 130.1



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

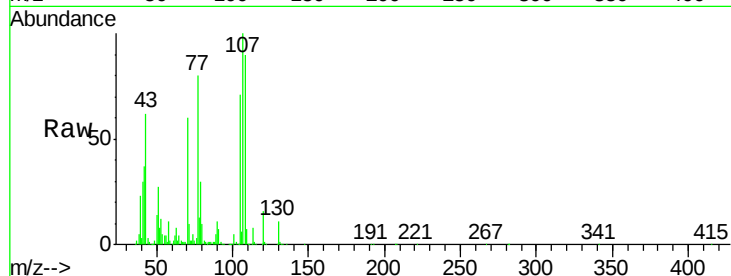




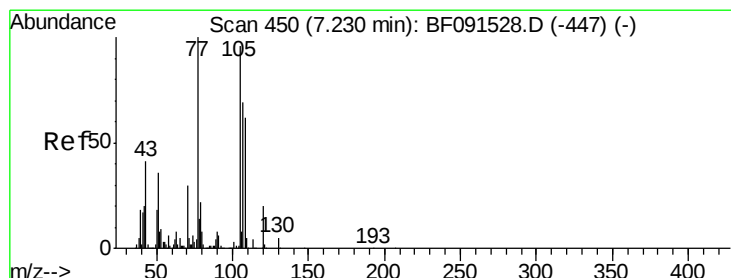
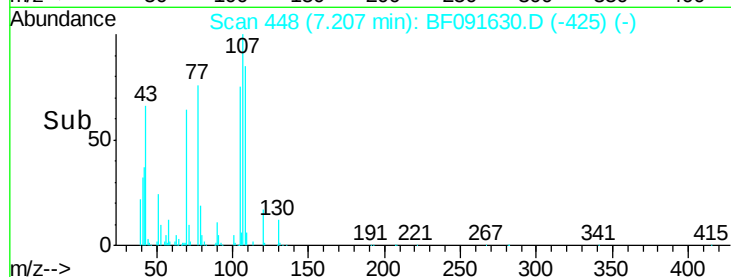
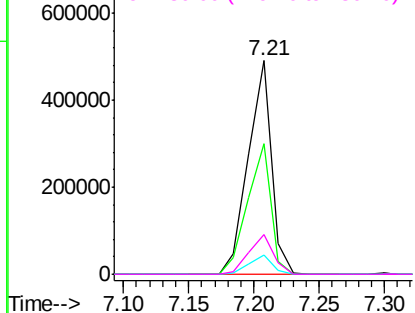
#19
n-Nitroso-di-n-propylamine
Concen: 43.21 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Instrument :
BNA_F
ClientSampleId :
PB95365BS

Tgt Ion: 70 Resp: 611737
Ion Ratio Lower Upper
70 100
42 61.2 64.8 97.2#
101 9.0 6.2 9.4
130 18.5 11.7 17.5#



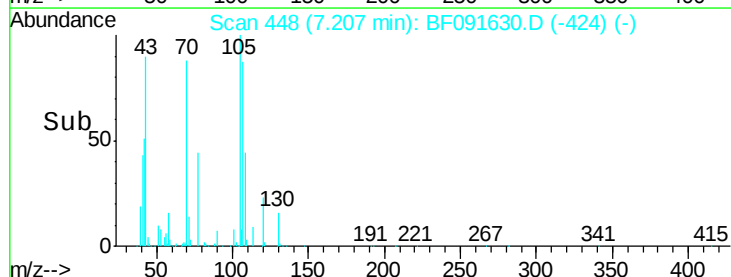
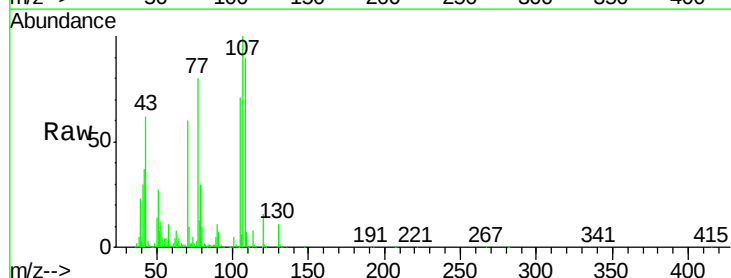
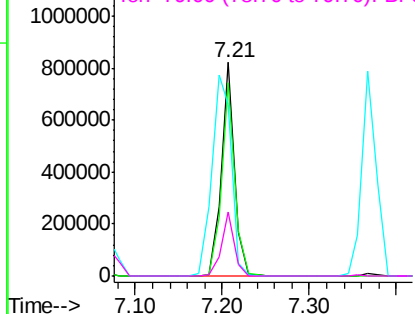
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

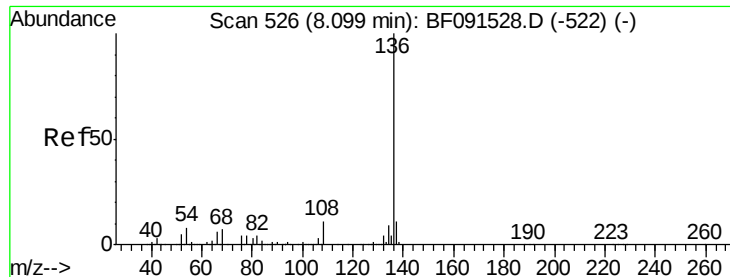


#20
3+4-Methylphenols
Concen: 47.74 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Tgt Ion: 107 Resp: 870937
Ion Ratio Lower Upper
107 100
108 90.3 64.6 104.6
77 80.4 30.9 70.9#
79 30.0 9.3 49.3

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

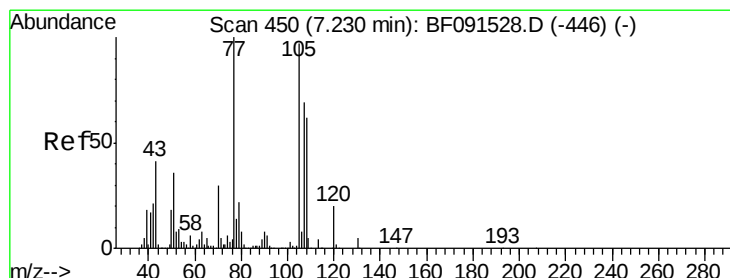
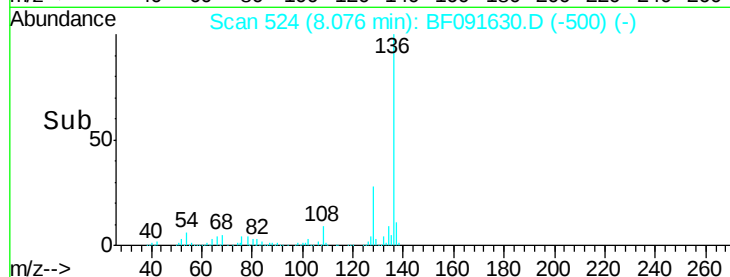
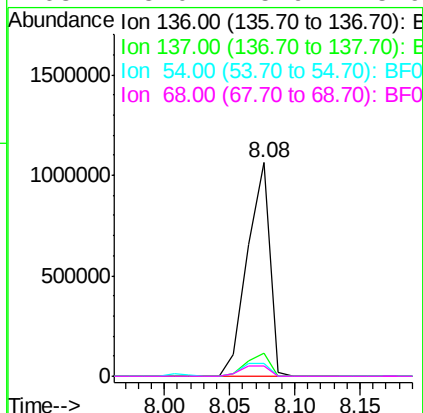
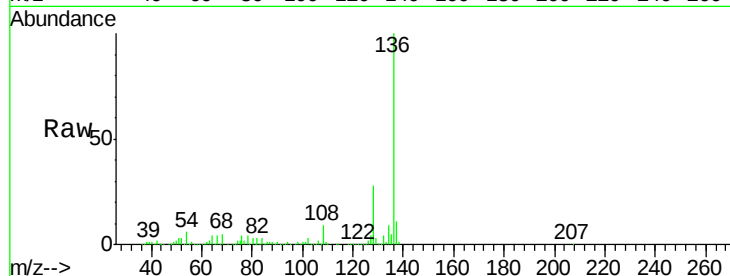




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

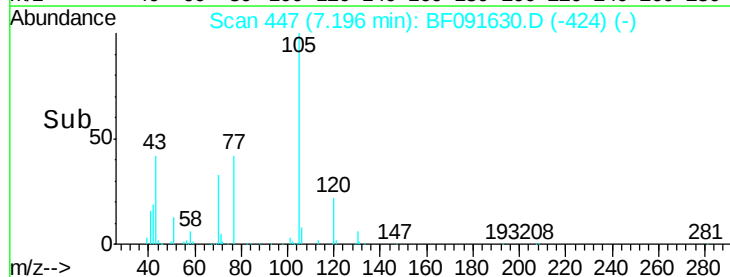
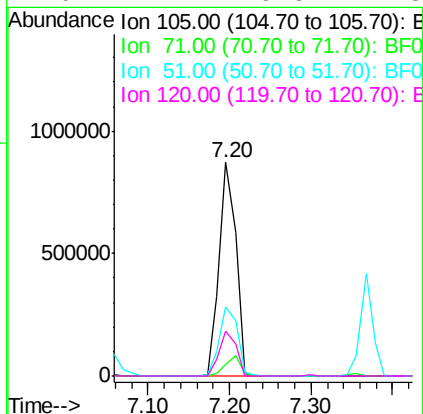
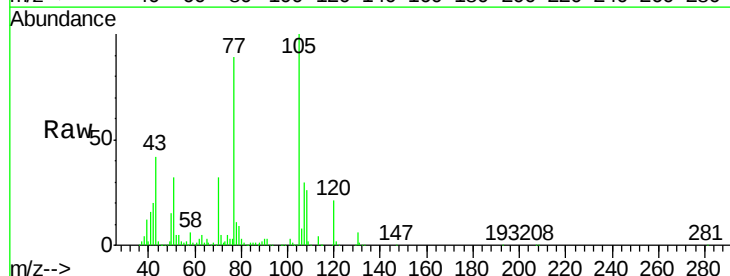
Instrument :
BNA_F
ClientSampleId :
PB95365BS

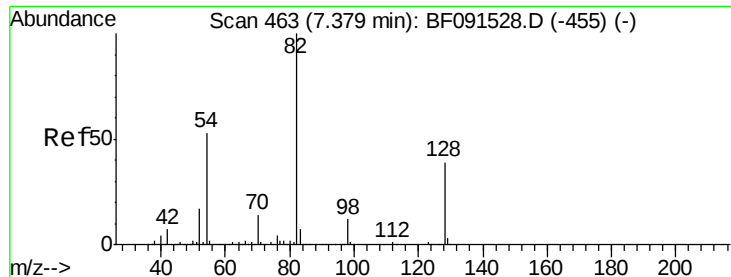
Tgt Ion:	136	Resp:	1269849
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.2	9.1	13.7#
68	5.0	5.9	8.9#



#22
Acetophenone
Concen: 40.60 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Tgt Ion:	105	Resp:	1235251
Ion	Ratio	Lower	Upper
105	100		
71	5.1	7.9	11.9#
51	32.4	24.5	36.7
120	21.2	16.6	24.8

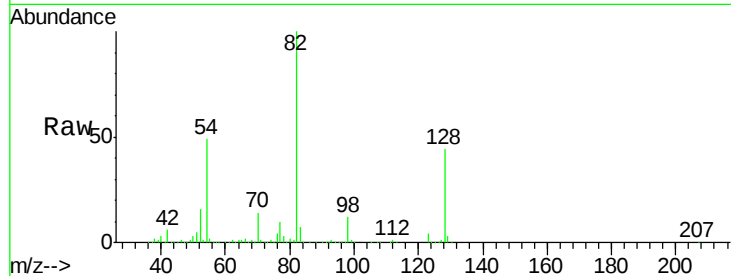




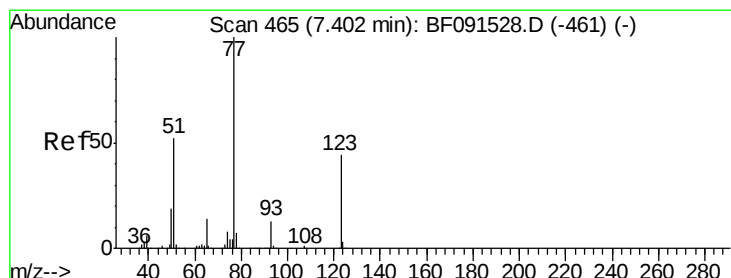
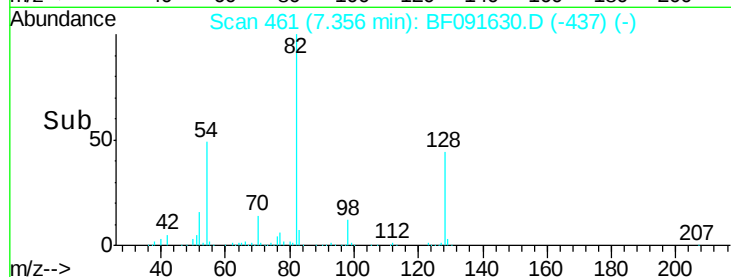
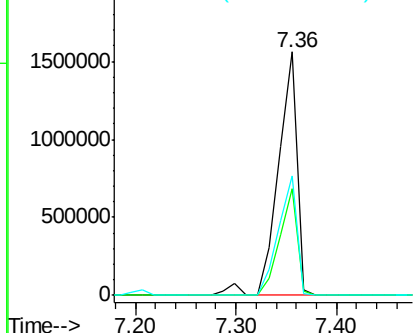
#23
 Nitrobenzene-d5
 Concen: 89.54 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB95365BS

Tgt Ion: 82 Resp: 2037223
 Ion Ratio Lower Upper
 82 100
 128 44.0 31.8 47.6
 54 49.1 49.1 73.7#

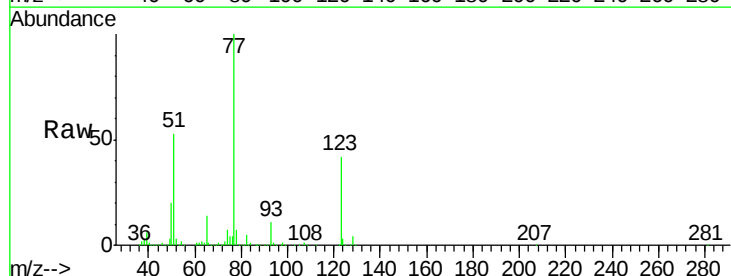


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

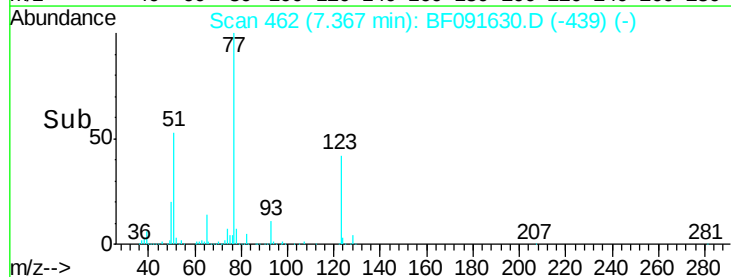
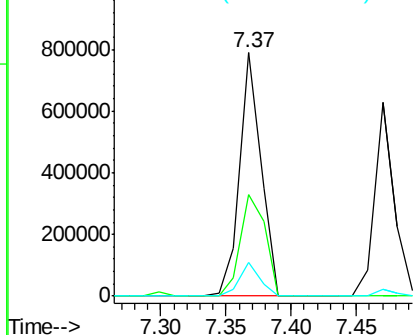


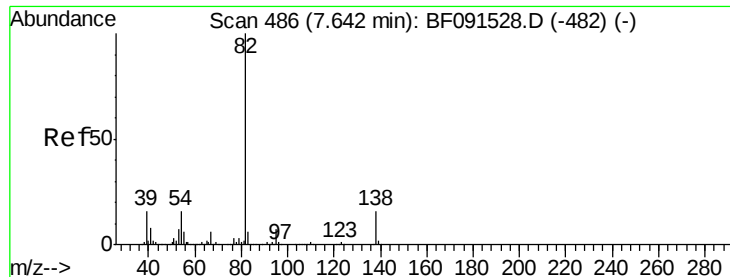
#24
 Nitrobenzene
 Concen: 37.26 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.03 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Tgt Ion: 77 Resp: 895669
 Ion Ratio Lower Upper
 77 100
 123 41.7 28.5 42.7
 65 14.0 12.5 18.7



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





#25

Isophorone

Concen: 45.32 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

PB95365BS

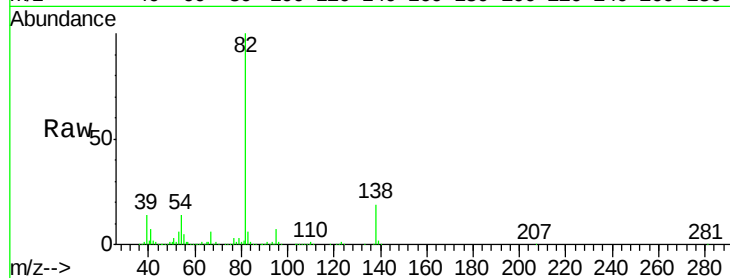
Tgt Ion: 82 Resp: 1832794

Ion Ratio Lower Upper

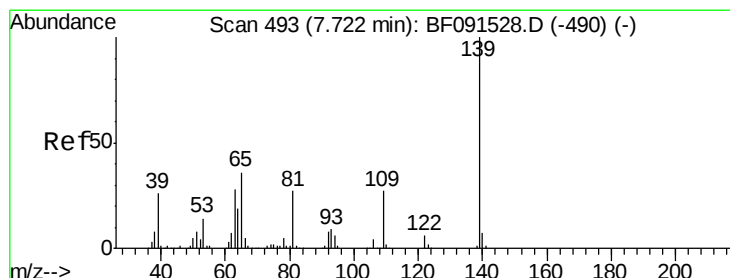
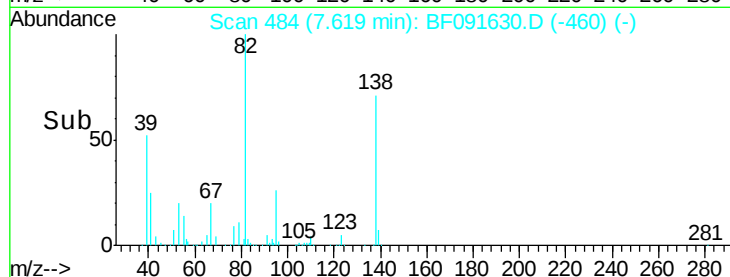
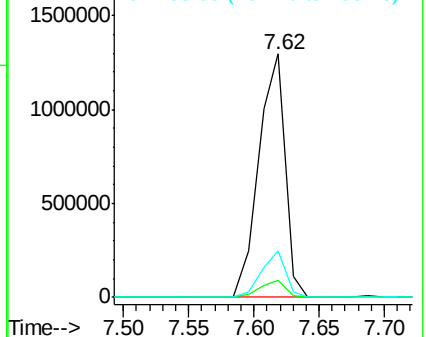
82 100

95 7.0 5.7 8.5

138 19.0 13.4 20.0



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



#26

2-Nitrophenol

Concen: 44.48 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

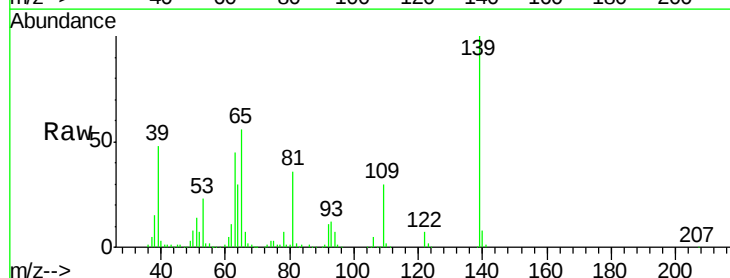
Tgt Ion: 139 Resp: 471893

Ion Ratio Lower Upper

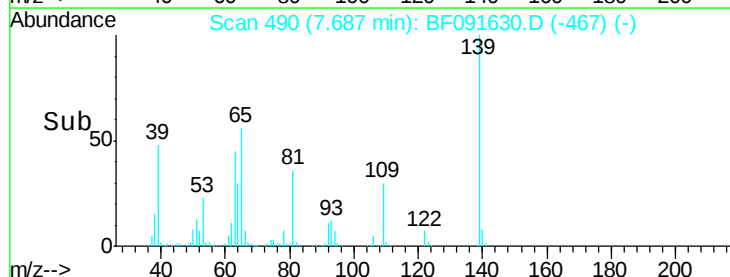
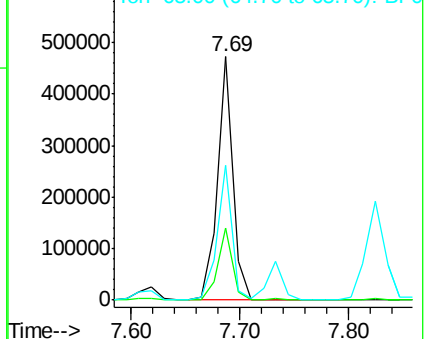
139 100

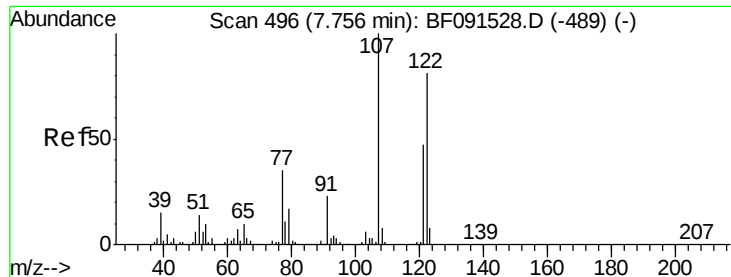
109 29.5 25.3 37.9

65 55.6 55.4 83.2



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





#27

2,4-Dimethylphenol

Concen: 43.19 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

PB95365BS

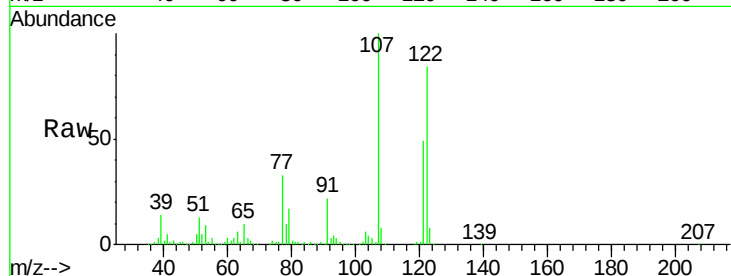
Tgt Ion:122 Resp: 804771

Ion Ratio Lower Upper

122 100

107 118.7 96.8 145.2

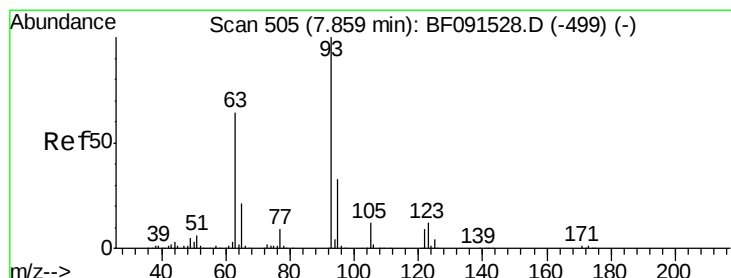
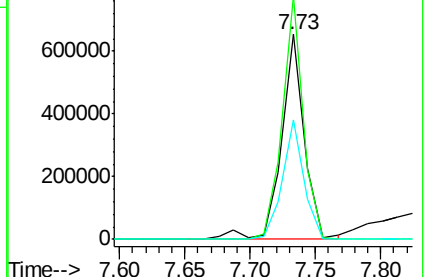
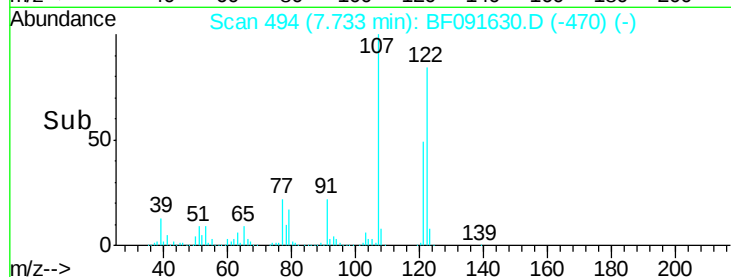
121 58.4 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.30 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.03 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

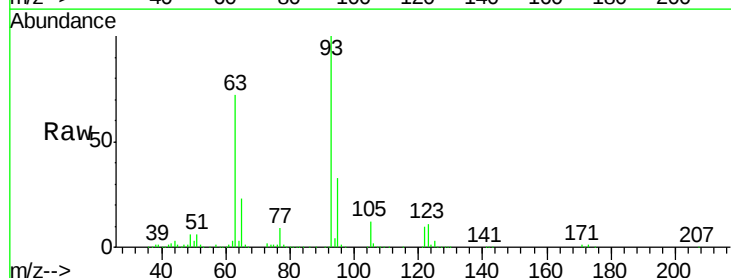
Tgt Ion: 93 Resp: 1074602

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

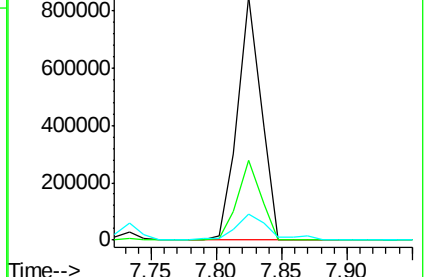
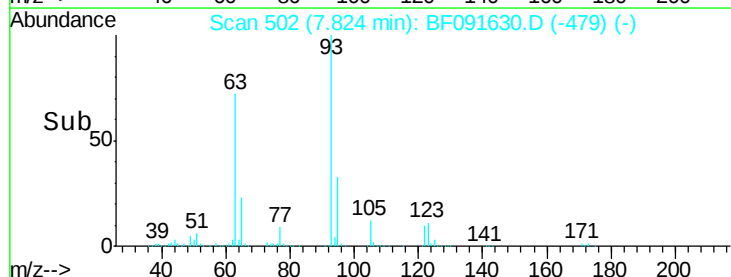
123 10.8 8.6 12.8

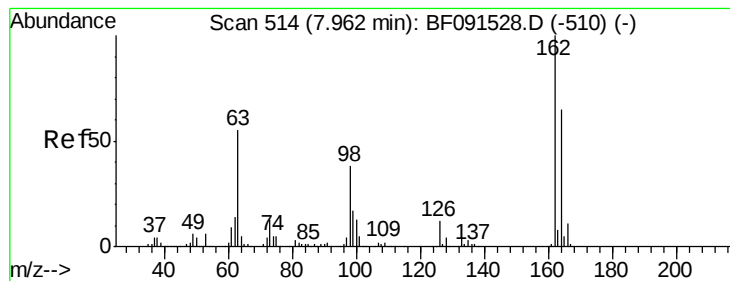


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.31 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

PB95365BS

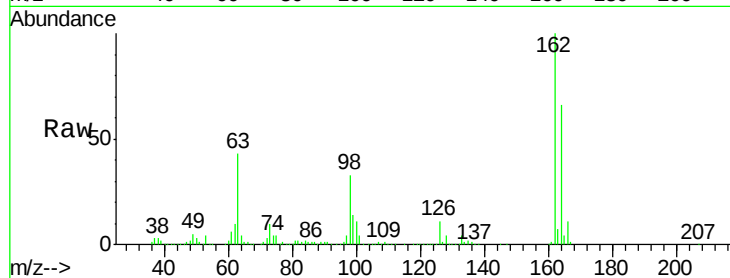
Tgt Ion:162 Resp: 783300

Ion Ratio Lower Upper

162 100

164 65.5 45.0 85.0

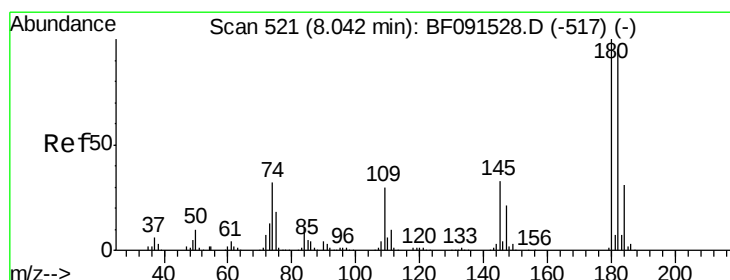
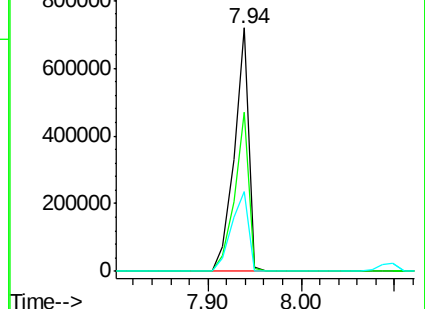
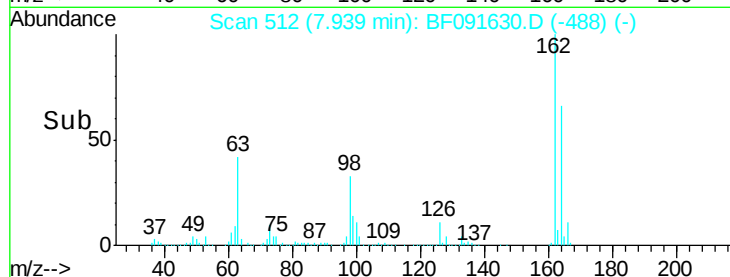
98 32.5 21.3 61.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 43.09 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

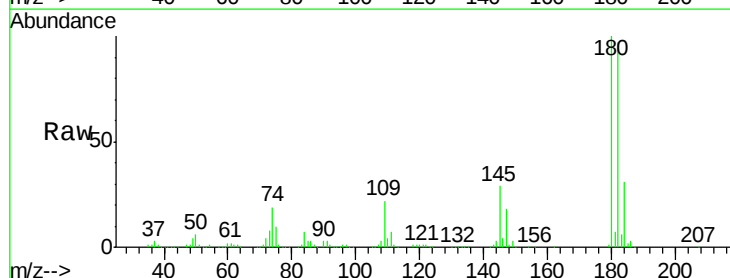
Tgt Ion:180 Resp: 793948

Ion Ratio Lower Upper

180 100

182 96.6 75.8 113.8

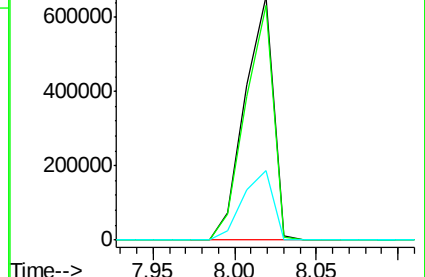
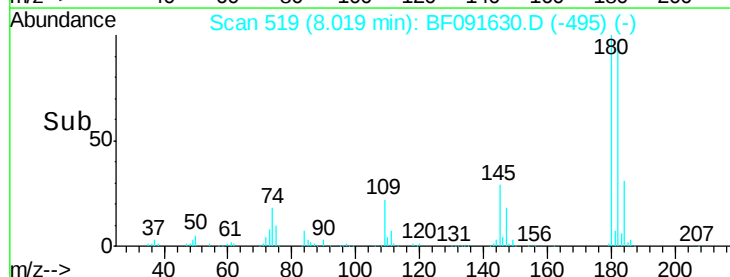
145 28.5 27.0 40.4

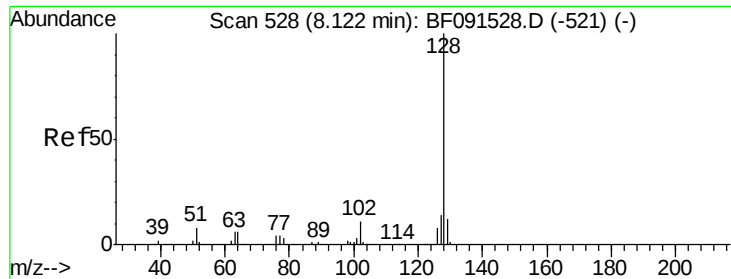


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

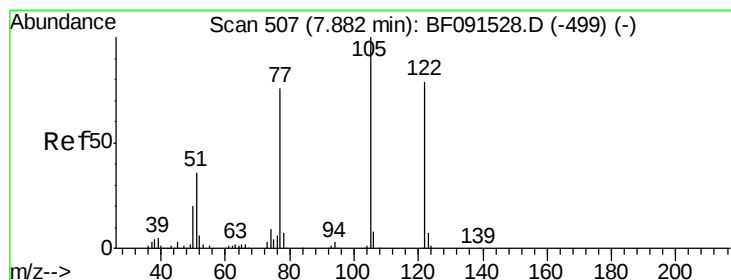
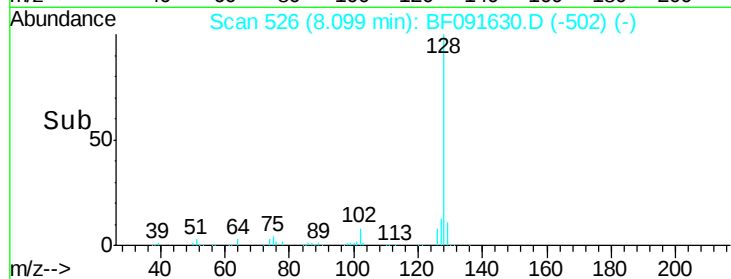
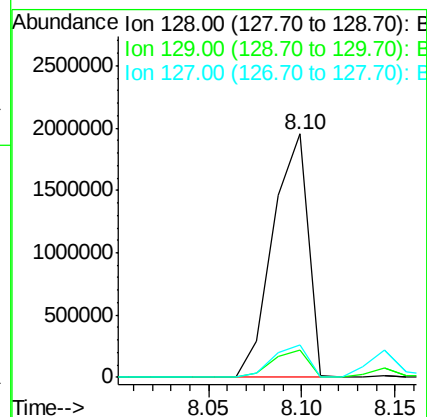
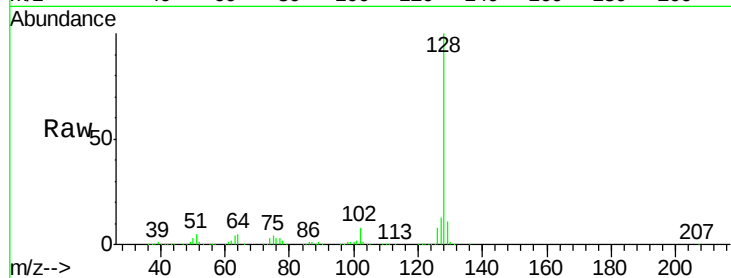




#31
Naphthalene
Concen: 43.29 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

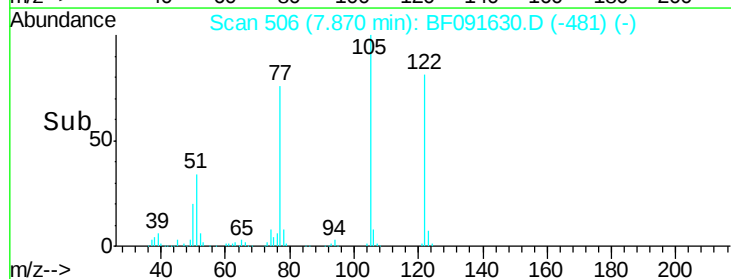
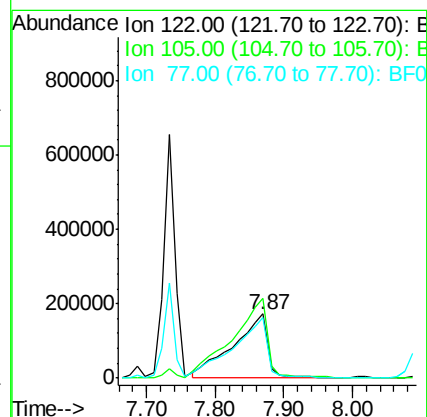
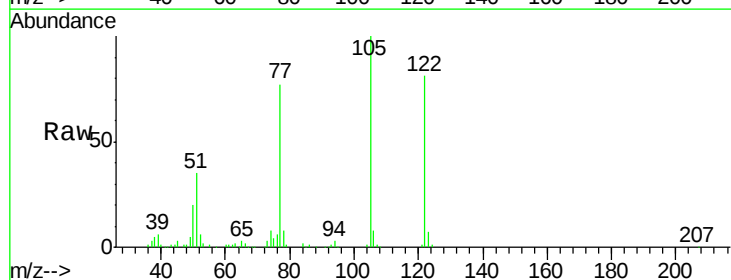
Instrument :
BNA_F
ClientSampleId :
PB95365BS

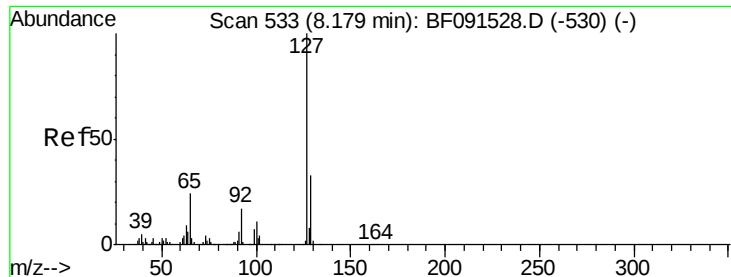
Tgt Ion:128 Resp: 2557849
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.5 11.0 16.4



#32
Benzoic acid
Concen: 44.89 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Tgt Ion:122 Resp: 595497
Ion Ratio Lower Upper
122 100
105 123.9 113.0 153.0
77 95.2 82.0 122.0

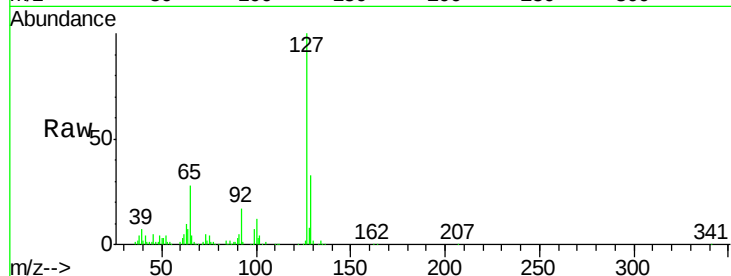




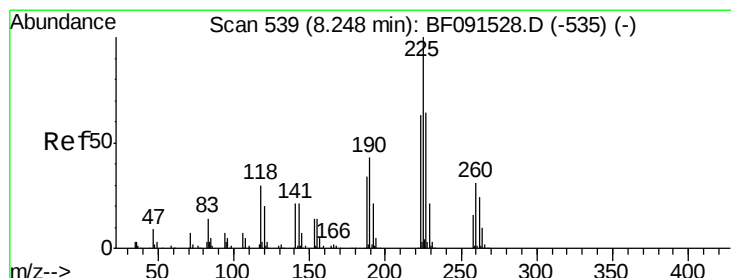
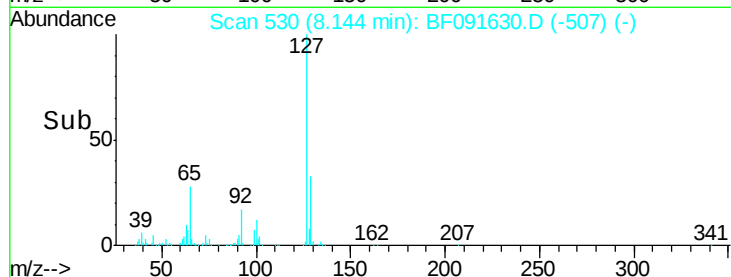
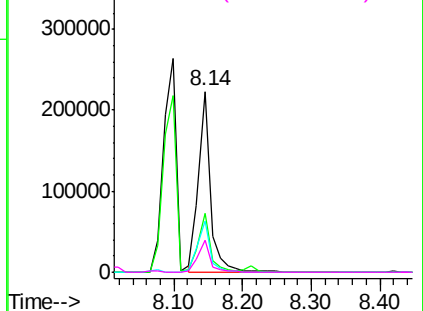
#33
4-Chloroaniline
Concen: 10.48 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Instrument :
BNA_F
ClientSampleId :
PB95365BS

Tgt Ion:	127	Resp:	266722
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	28.3	26.6	39.8
92	17.4	15.4	23.0

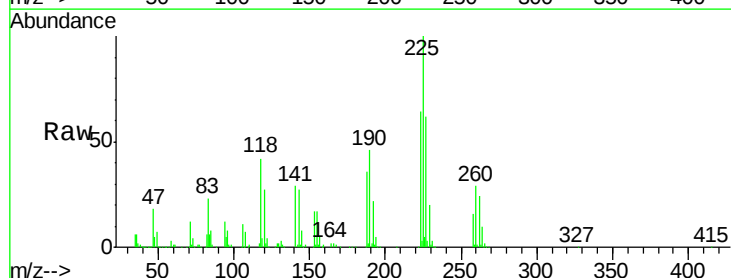


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

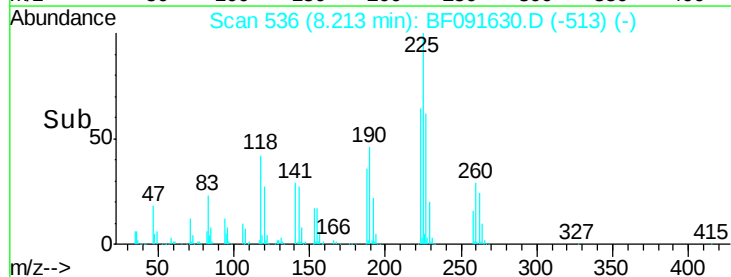
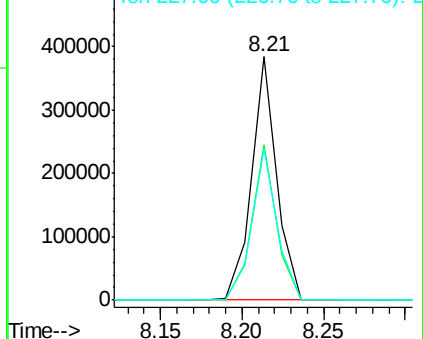


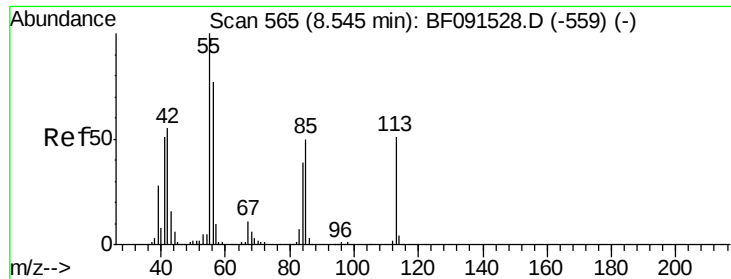
#34
Hexachlorobutadiene
Concen: 38.77 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.03 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Tgt Ion:	225	Resp:	409496
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.8	74.6
227	62.3	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

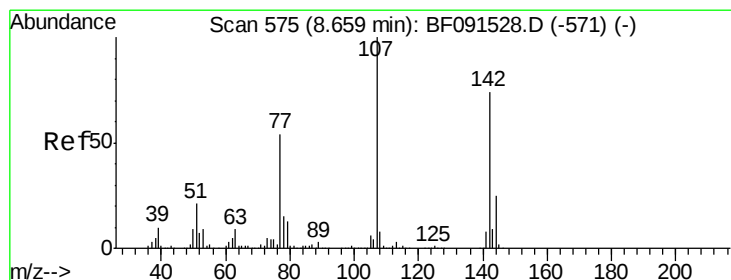
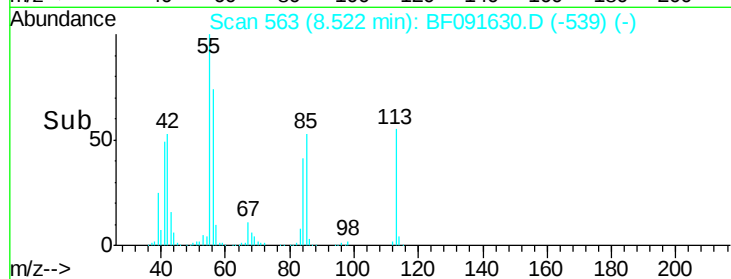
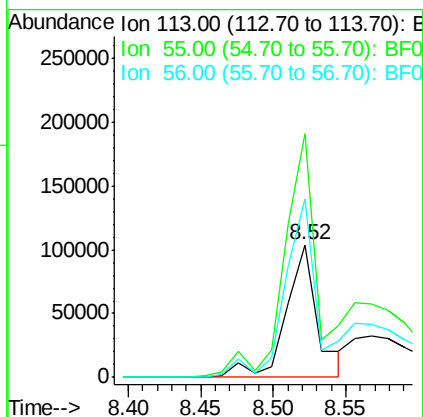
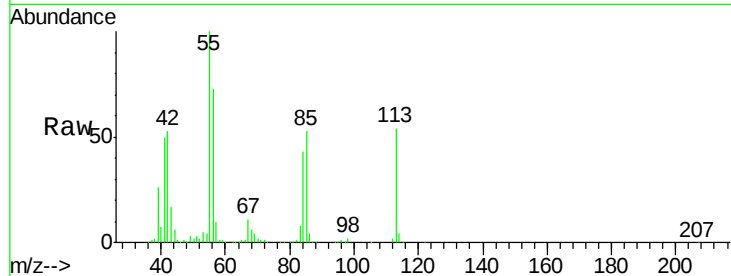




#35
 Caprolactam
 Concen: 32.82 ng
 RT: 8.52 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

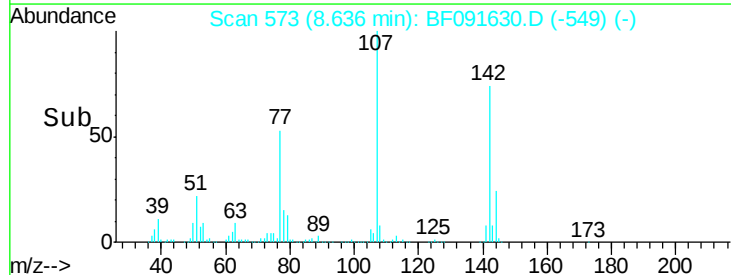
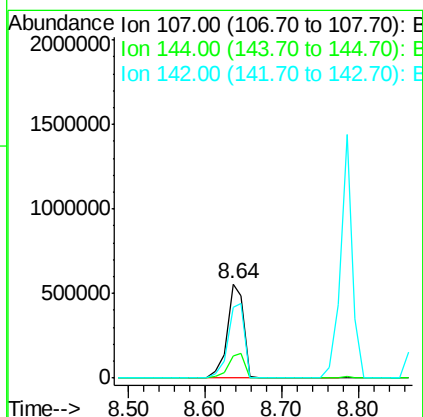
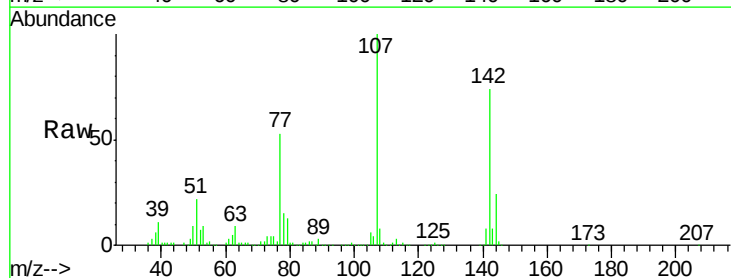
Instrument :
 BNA_F
 ClientSampleId :
 PB95365BS

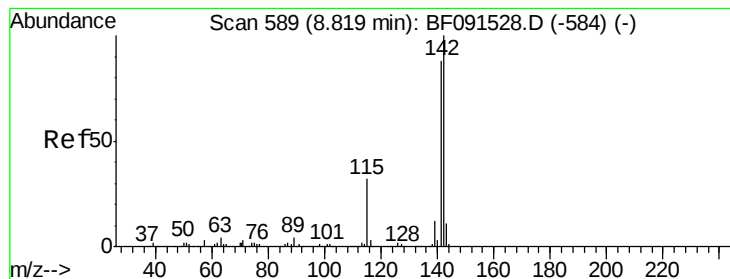
Tgt Ion:113 Resp: 155416
 Ion Ratio Lower Upper
 113 100
 55 183.7 239.8 279.8#
 56 135.0 165.6 205.6#



#36
 4-Chloro-3-methylphenol
 Concen: 46.84 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Tgt Ion:107 Resp: 851744
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.9 28.3
 142 74.4 58.5 87.7

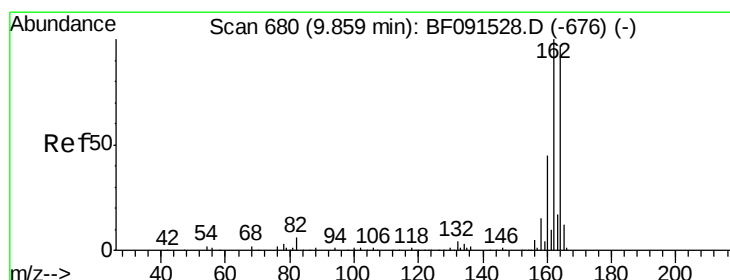
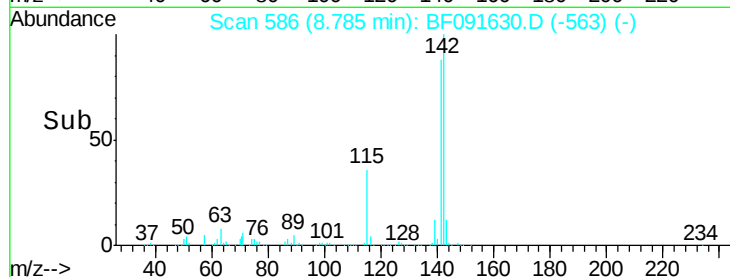
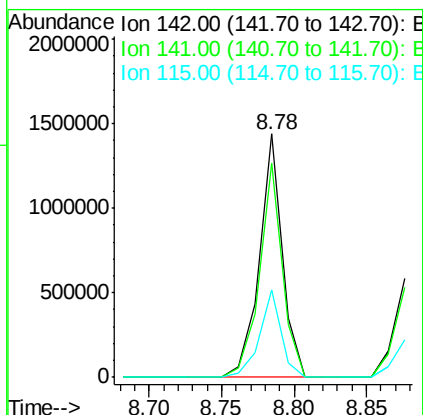
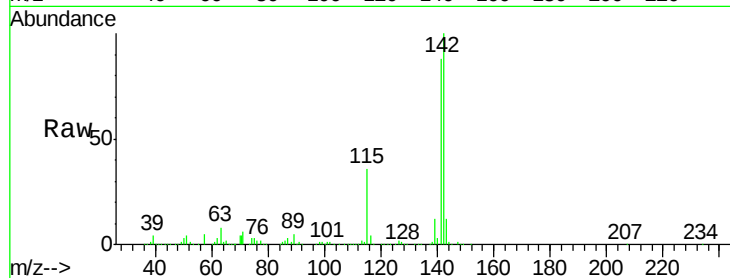




#37
 2-Methylnaphthalene
 Concen: 41.15 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

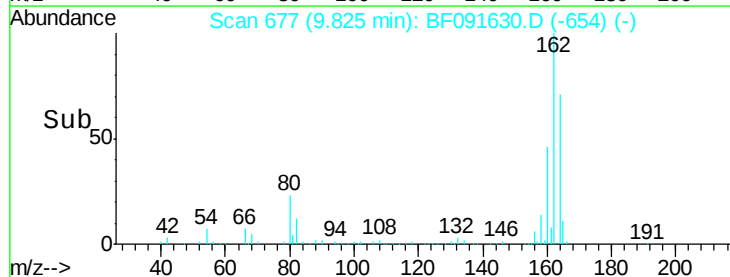
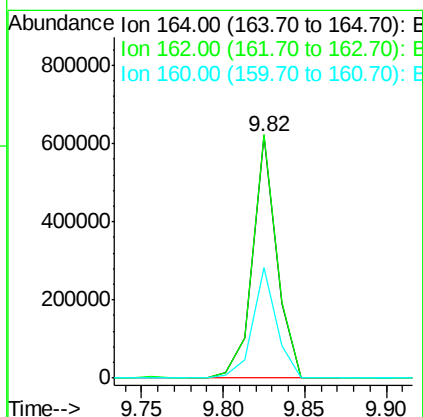
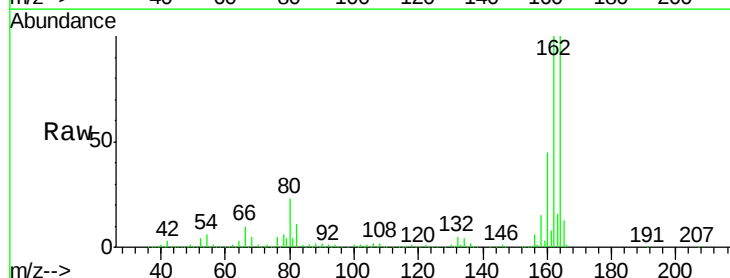
Instrument :
 BNA_F
 ClientSampleId :
 PB95365BS

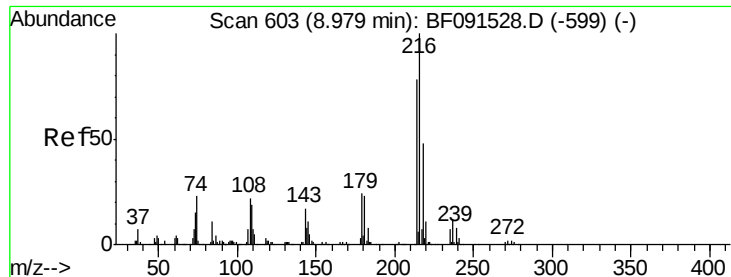
Tgt Ion:142 Resp: 1573566
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.7 107.5
 115 36.0 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Tgt Ion:164 Resp: 635851
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.6 124.0
 160 45.5 36.7 55.1

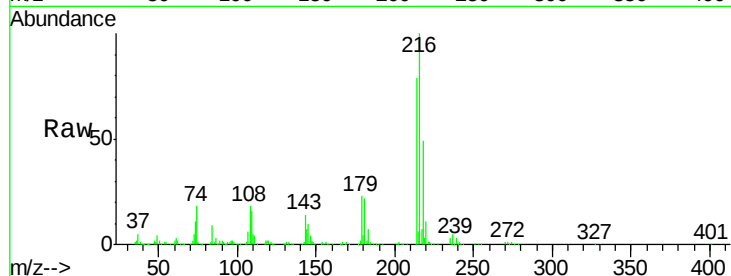




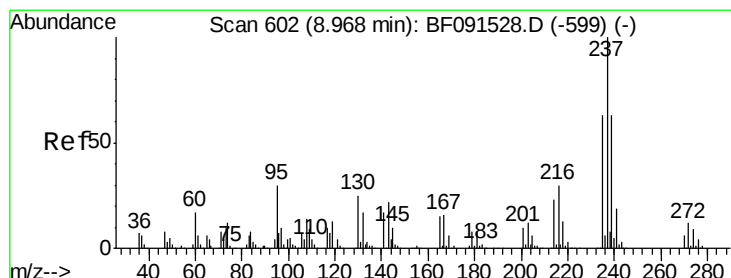
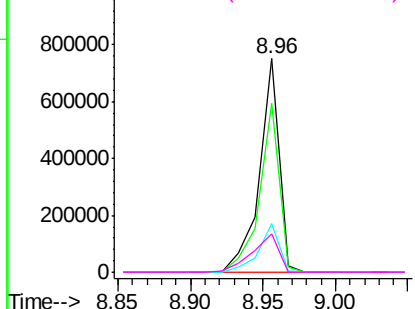
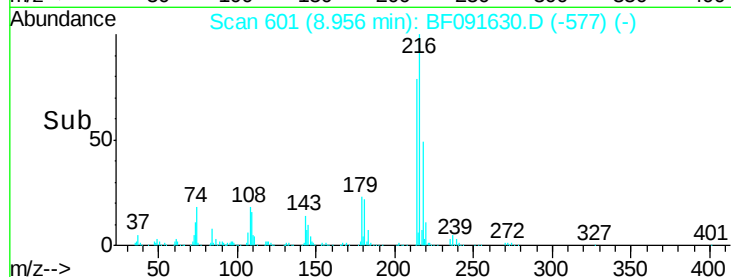
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.74 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Instrument :
BNA_F
ClientSampleId :
PB95365BS

Tgt Ion:	216	Resp:	710477
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.8
179	23.0	18.2	27.2
108	23.7	17.2	25.8

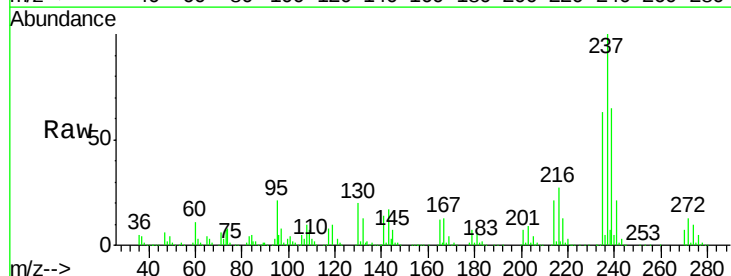


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

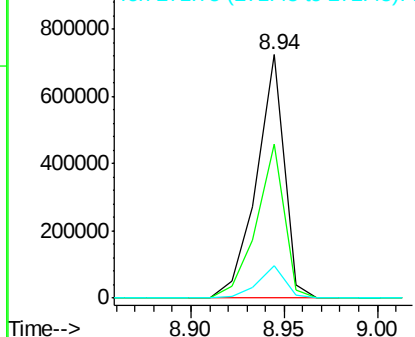
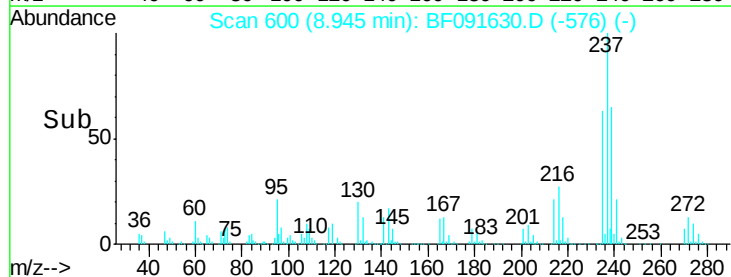


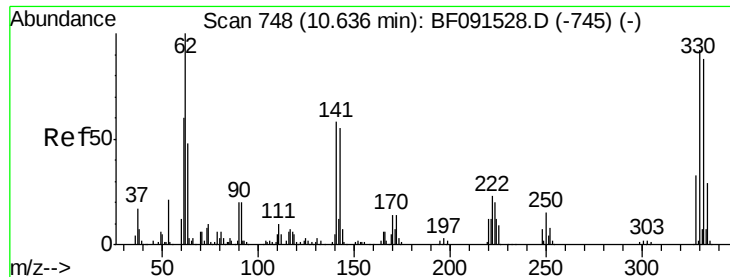
#40
Hexachlorocyclopentadiene
Concen: 95.72 ng
RT: 8.94 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Tgt Ion:	237	Resp:	744241
Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.9	83.9
272	13.4	0.0	33.1



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

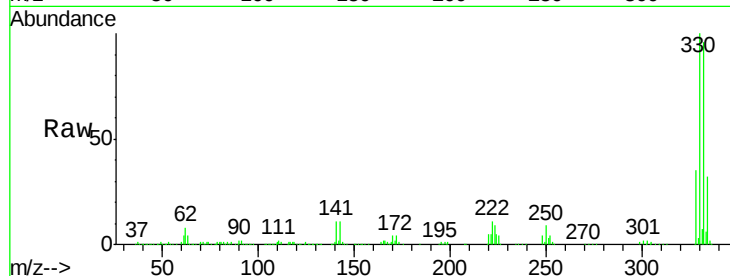




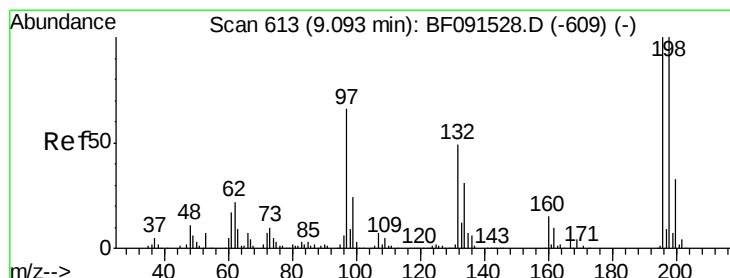
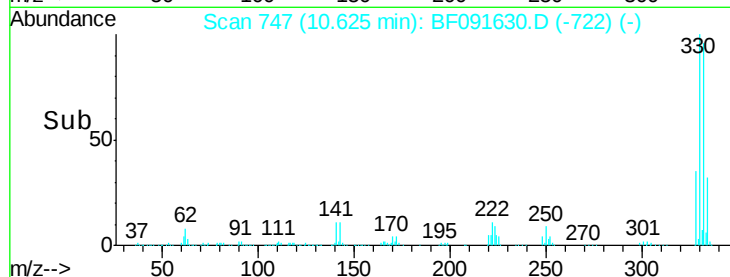
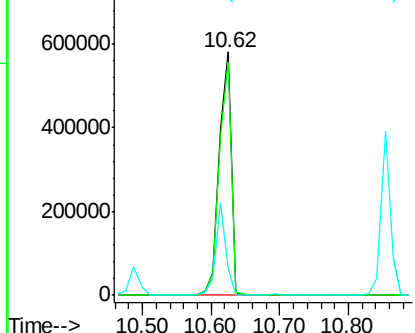
#41
 2,4,6-Tribromophenol
 Concen: 137.10 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB95365BS

Tgt Ion:330 Resp: 724071
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.2 114.4
 141 31.8 33.6 50.4#

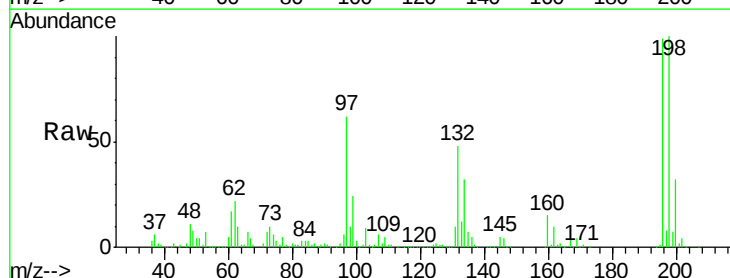


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

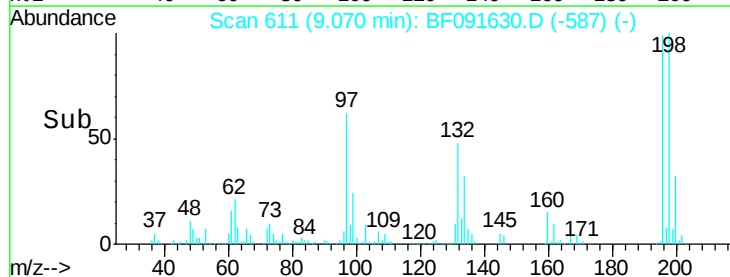
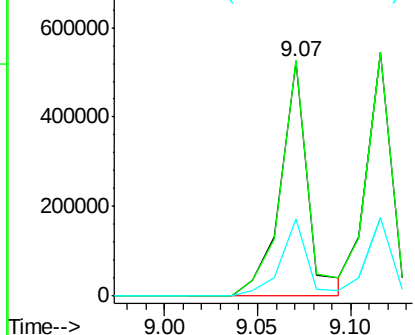


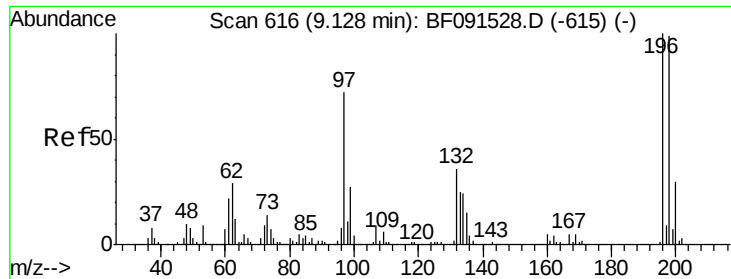
#42
 2,4,6-Trichlorophenol
 Concen: 47.73 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Tgt Ion:196 Resp: 534876
 Ion Ratio Lower Upper
 196 100
 198 100.7 77.4 116.0
 200 32.7 25.2 37.8



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

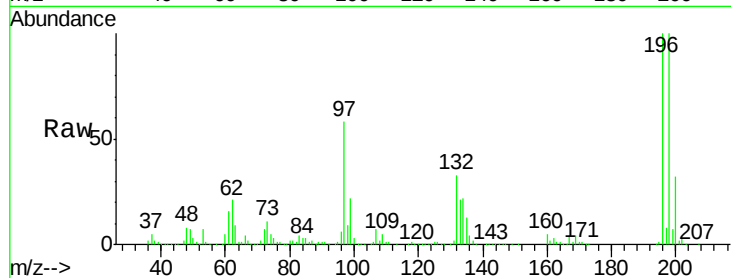




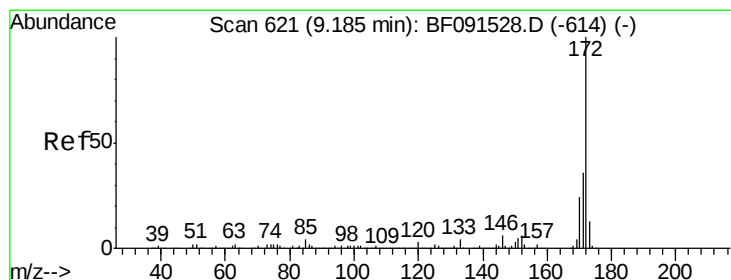
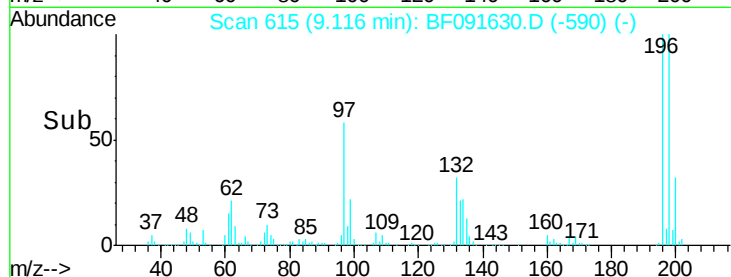
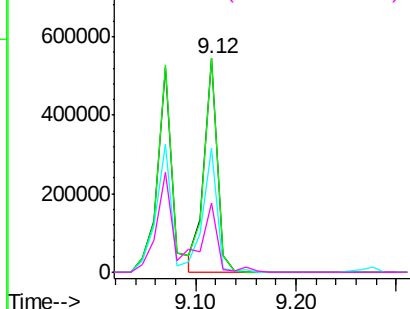
#43
 2,4,5-Trichlorophenol
 Concen: 43.11 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB95365BS

Tgt Ion:196 Resp: 496447
 Ion Ratio Lower Upper
 196 100
 198 100.0 77.0 115.6
 97 58.3 33.5 50.3#
 132 32.5 20.5 30.7#

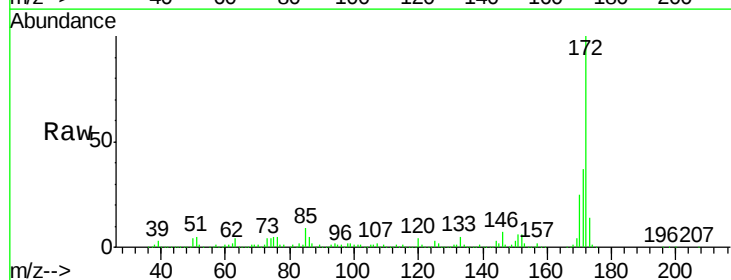


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

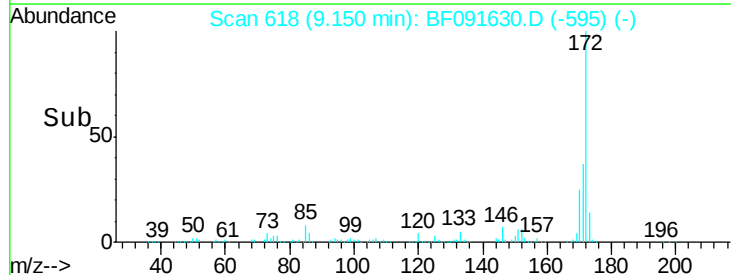
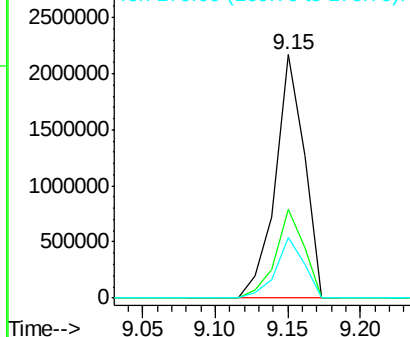


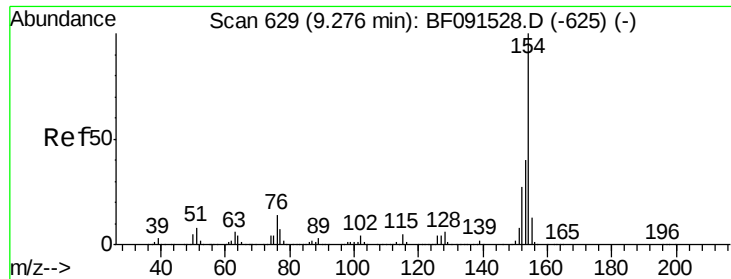
#44
 2-Fluorobiphenyl
 Concen: 81.24 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Tgt Ion:172 Resp: 2989527
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 25.1 19.7 29.5



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

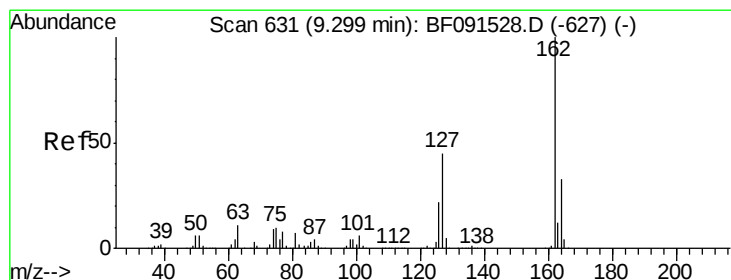
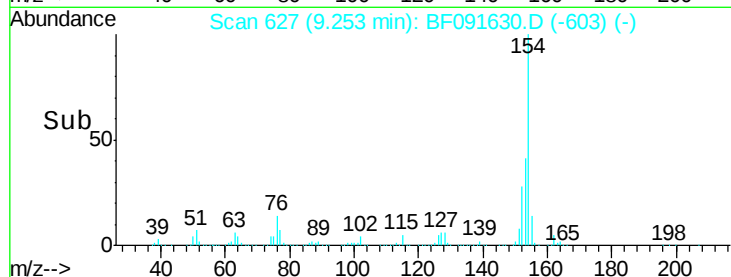
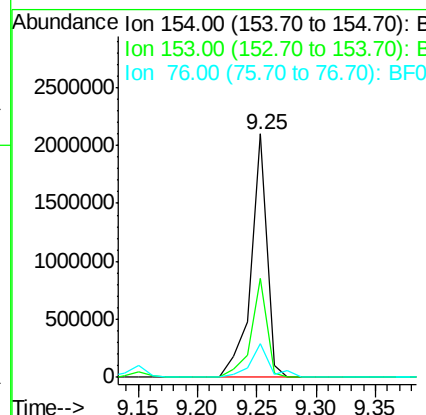
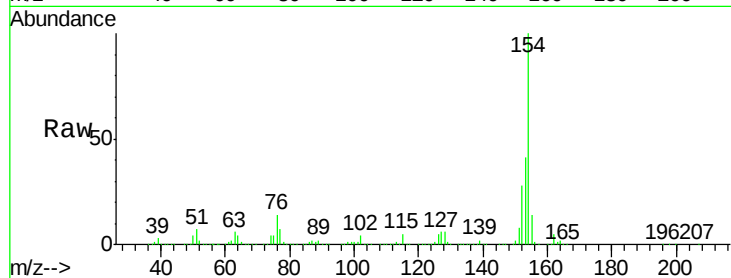




#45
 1,1'-Biphenyl
 Concen: 42.70 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

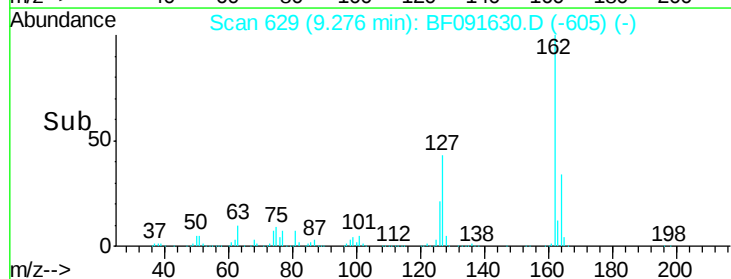
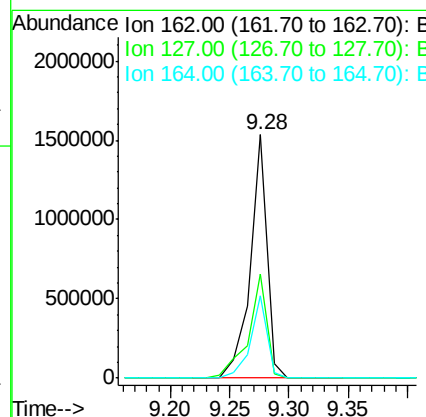
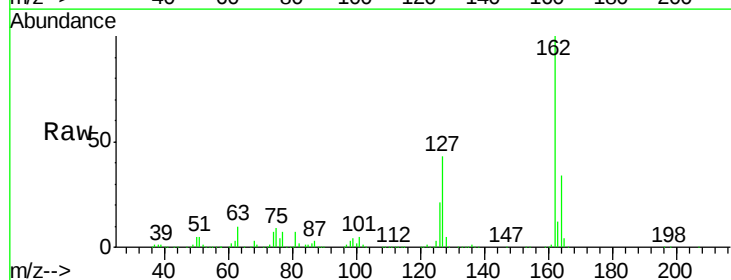
Instrument :
 BNA_F
 ClientSampled :
 PB95365BS

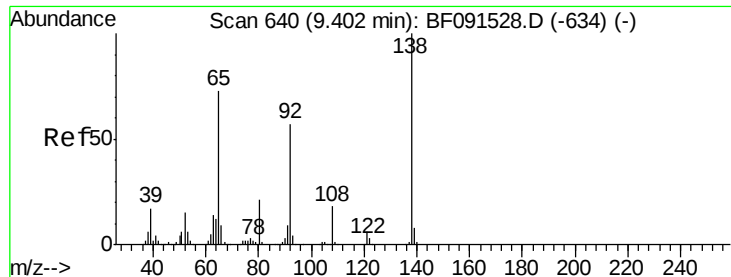
Tgt Ion:154 Resp: 1966597
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.6 60.6
 76 13.9 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 42.38 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.02 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Tgt Ion:162 Resp: 1511295
 Ion Ratio Lower Upper
 162 100
 127 42.6 34.3 51.5
 164 33.9 26.6 40.0

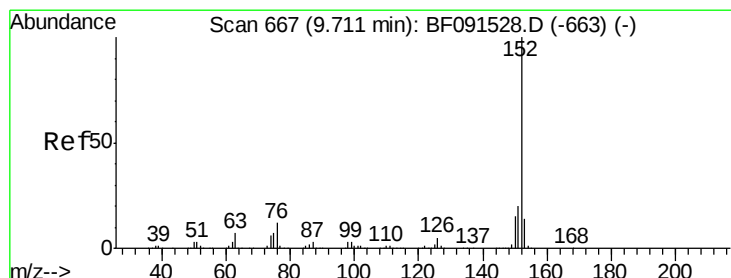
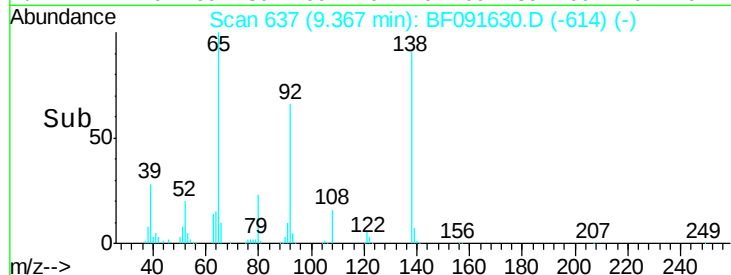
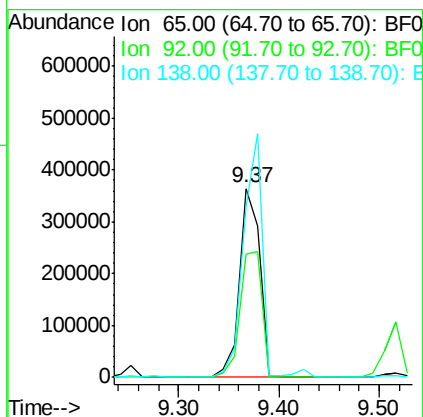
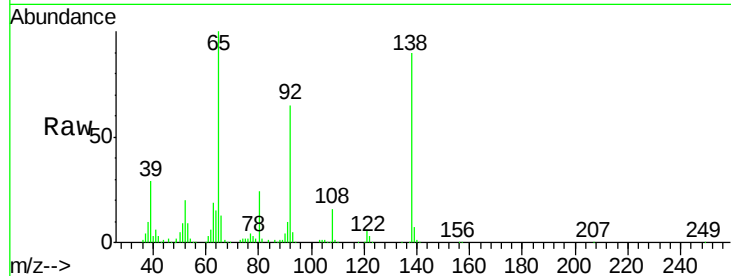




#47
 2-Nitroaniline
 Concen: 42.35 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.03 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

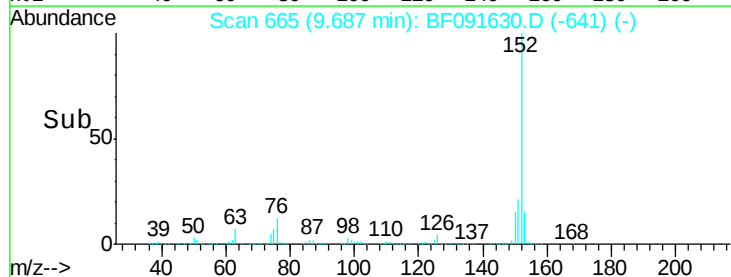
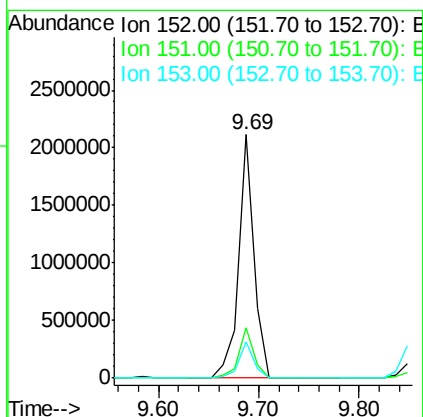
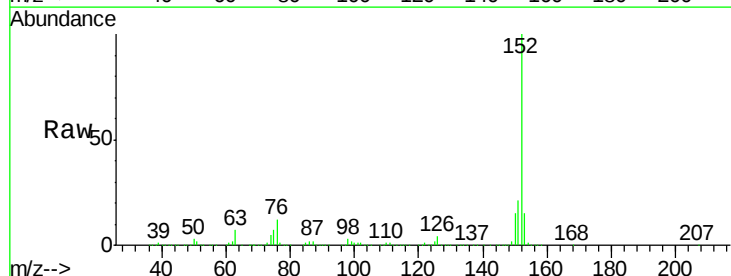
Instrument :
 BNA_F
 ClientSampleId :
 PB95365BS

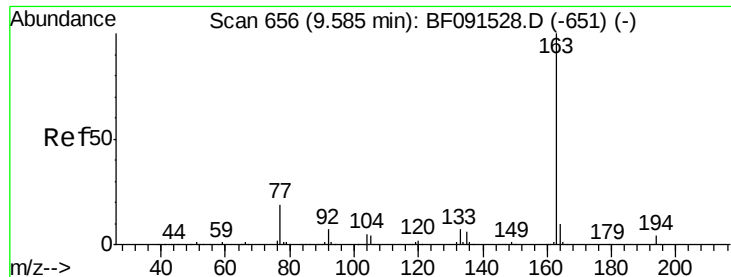
Tgt Ion: 65 Resp: 507907
 Ion Ratio Lower Upper
 65 100
 92 65.3 53.6 80.4
 138 90.4 91.0 136.6#



#48
 Acenaphthylene
 Concen: 41.05 ng
 RT: 9.69 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Tgt Ion: 152 Resp: 2231801
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.6 24.8
 153 14.9 10.7 16.1

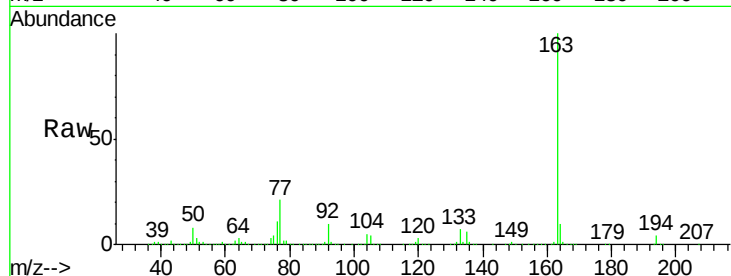




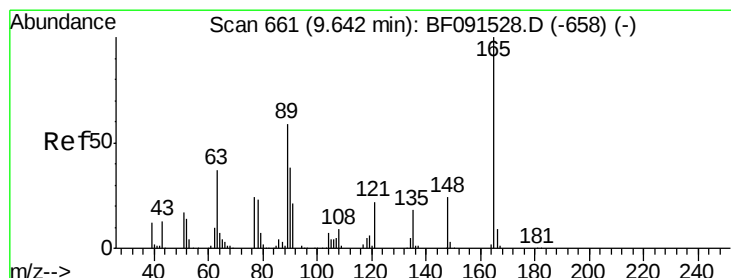
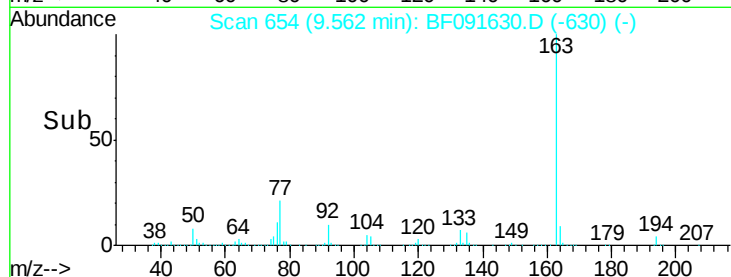
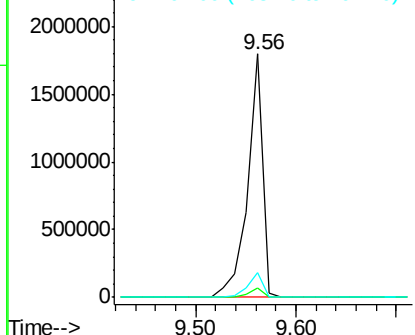
#49
Dimethylphthalate
Concen: 46.10 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Instrument :
BNA_F
ClientSampleId :
PB95365BS

Tgt Ion:163 Resp: 1856218
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.4 7.8 11.8

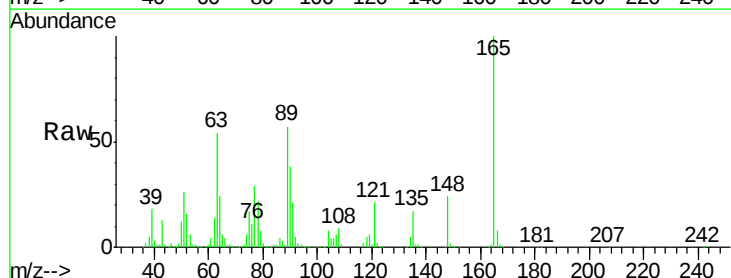


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

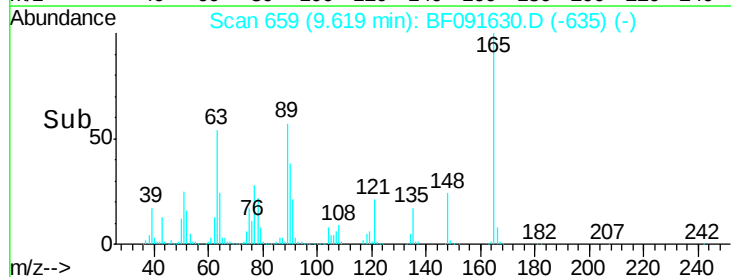
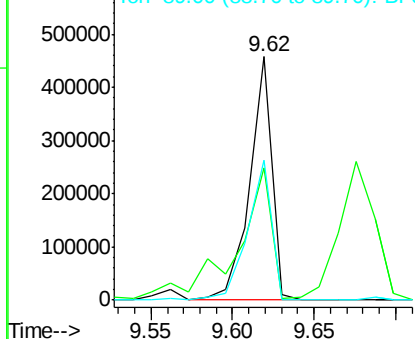


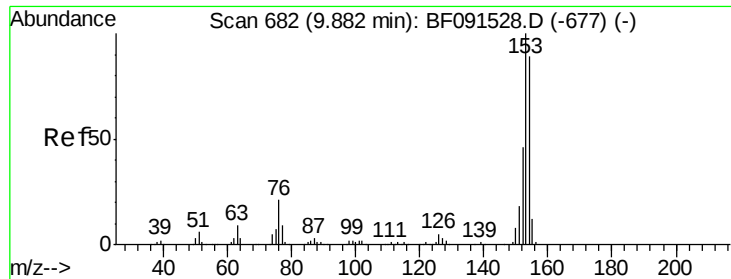
#50
2,6-Dinitrotoluene
Concen: 48.75 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Tgt Ion:165 Resp: 430787
Ion Ratio Lower Upper
165 100
63 54.4 59.4 89.0#
89 57.4 50.8 76.2



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





#51

Acenaphthene

Concen: 43.93 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampled :

PB95365BS

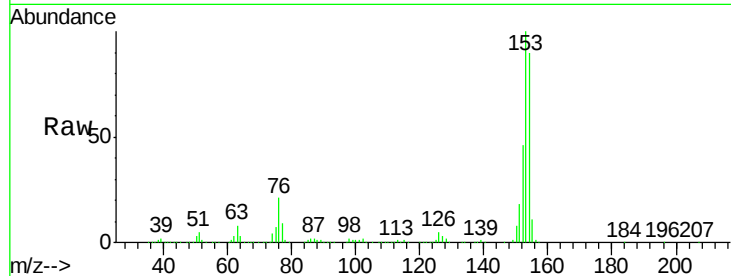
Tgt Ion:154 Resp: 1658857

Ion Ratio Lower Upper

154 100

153 111.5 91.0 136.6

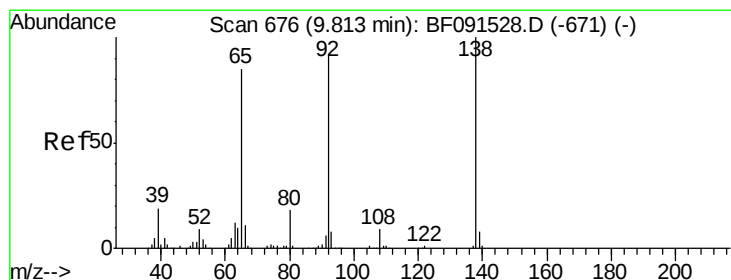
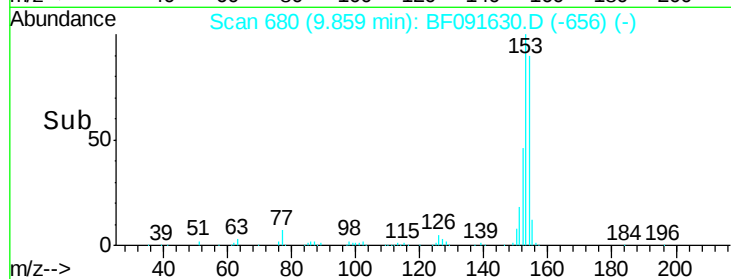
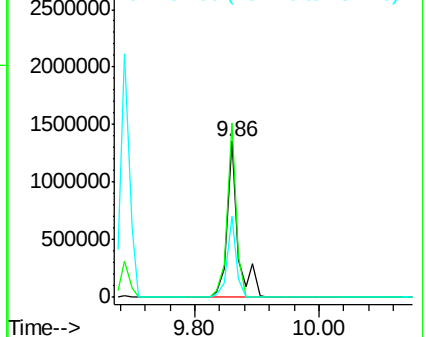
152 51.6 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.64 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

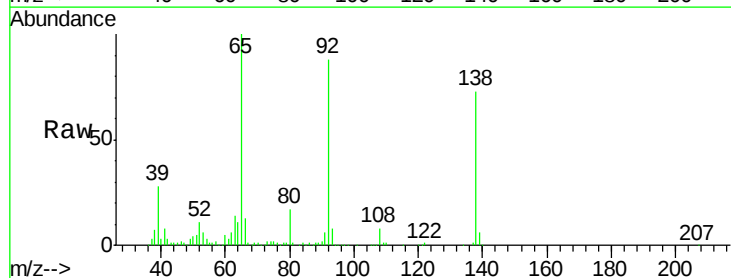
Tgt Ion:138 Resp: 183161

Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

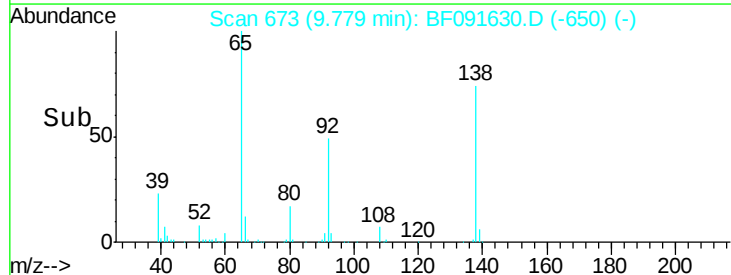
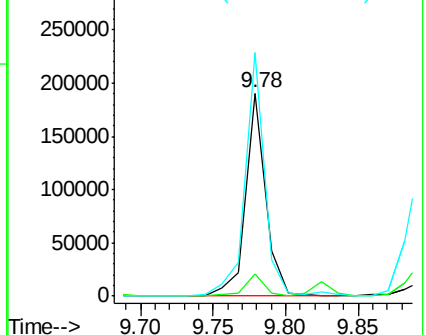
92 120.1 92.5 138.7

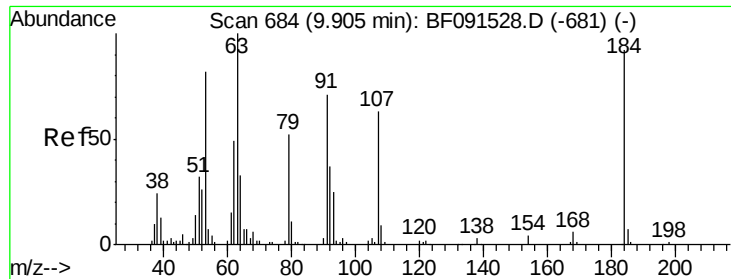


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

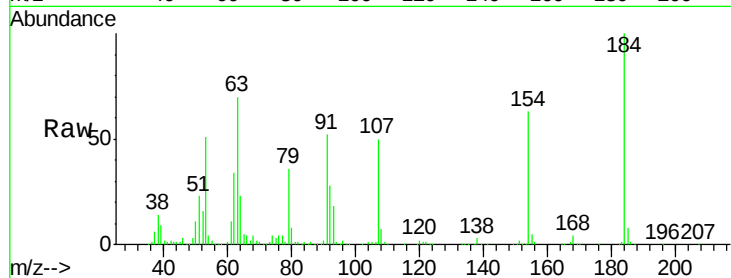




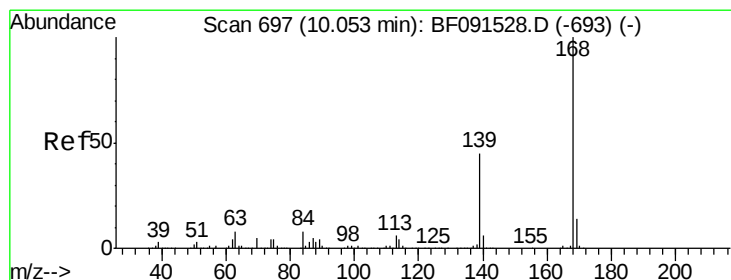
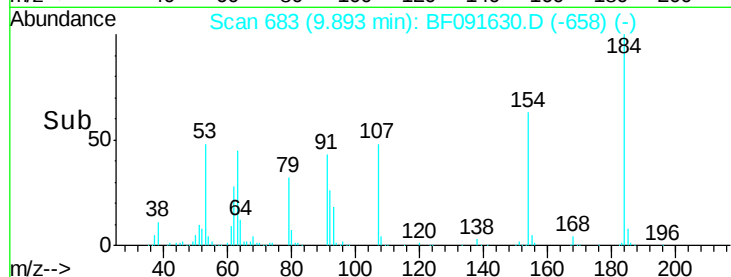
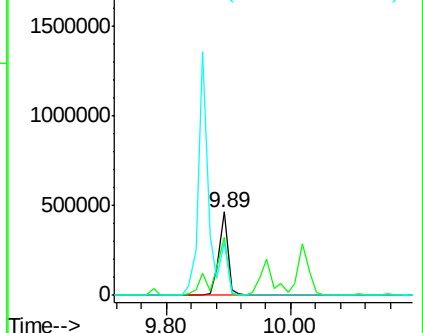
#53
2,4-Dinitrophenol
Concen: 86.75 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Instrument :
BNA_F
ClientSampleId :
PB95365BS

Tgt Ion:184 Resp: 468823
Ion Ratio Lower Upper
184 100
63 69.7 58.3 87.5
154 63.5 48.6 73.0

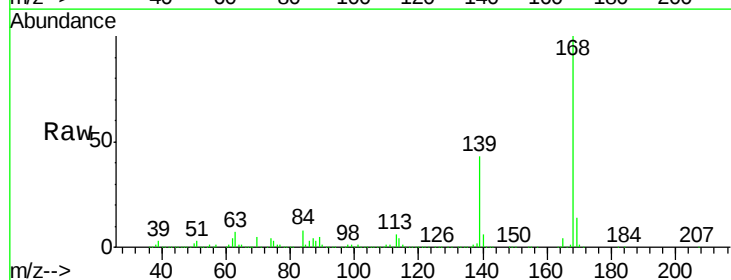


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

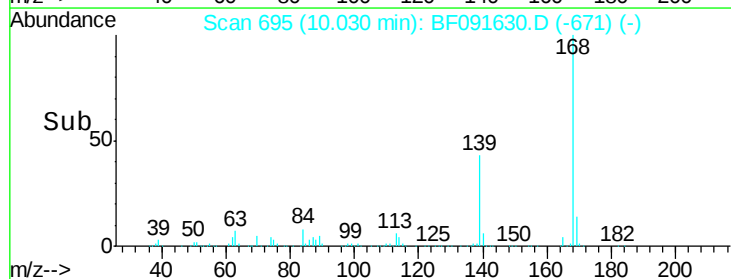
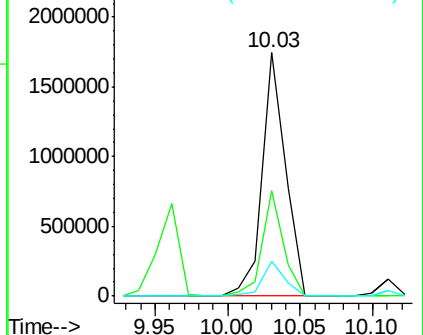


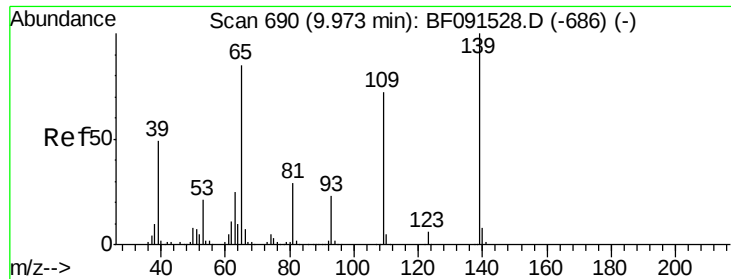
#54
Dibenzofuran
Concen: 41.66 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Tgt Ion:168 Resp: 1946332
Ion Ratio Lower Upper
168 100
139 43.3 33.4 50.2
169 14.4 11.1 16.7



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

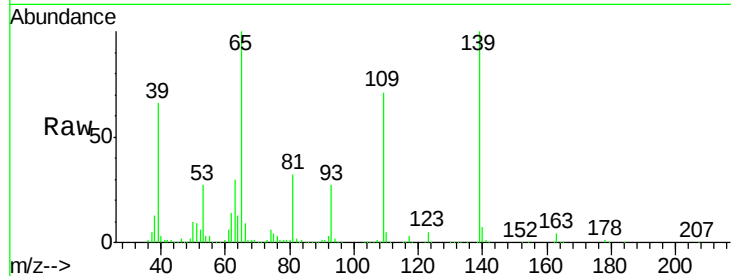




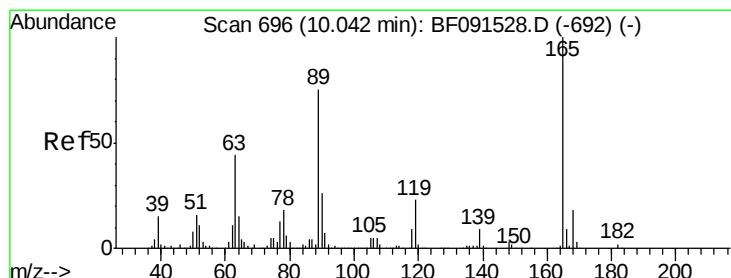
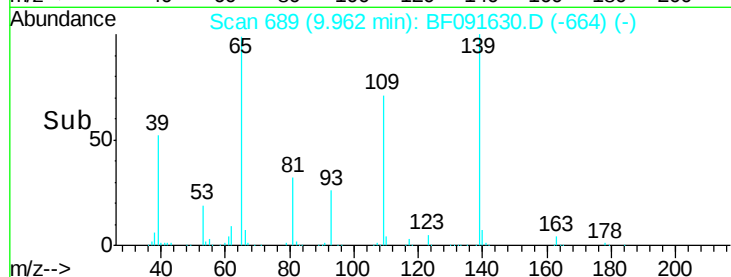
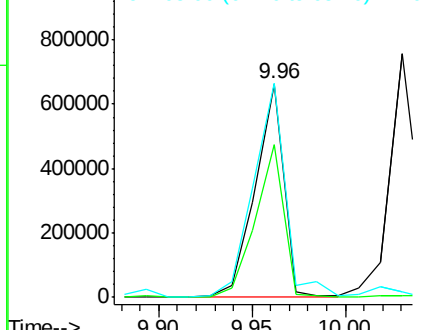
#55
4-Nitrophenol
Concen: 91.07 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Instrument :
BNA_F
ClientSampleId :
PB95365BS

Tgt Ion:139 Resp: 703312
Ion Ratio Lower Upper
139 100
109 71.5 54.9 94.9
65 100.5 102.2 142.2#



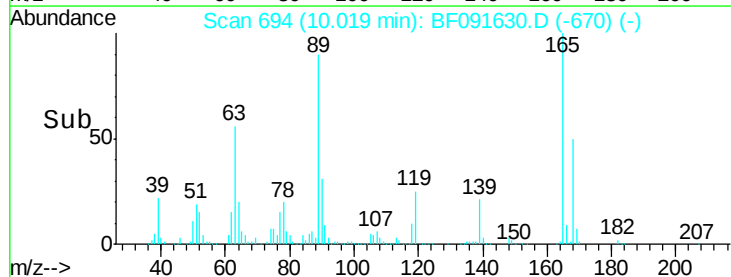
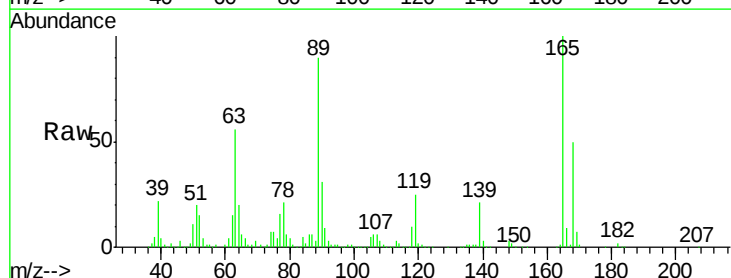
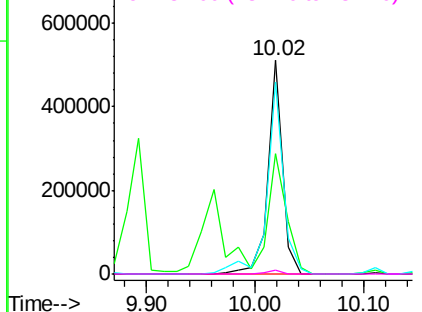
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

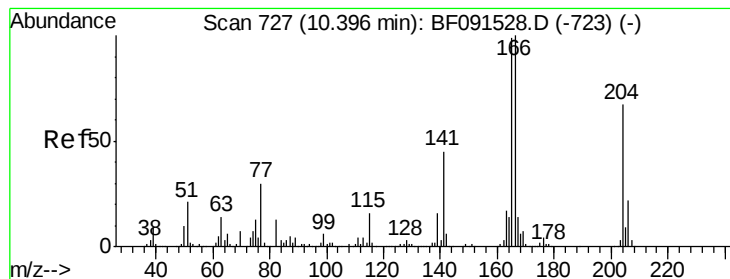


#56
2,4-Dinitrotoluene
Concen: 43.26 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Tgt Ion:165 Resp: 479165
Ion Ratio Lower Upper
165 100
63 56.4 29.0 43.4#
89 89.9 43.1 64.7#
182 2.0 1.9 2.9

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





#57

Fluorene

Concen: 41.44 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

PB95365BS

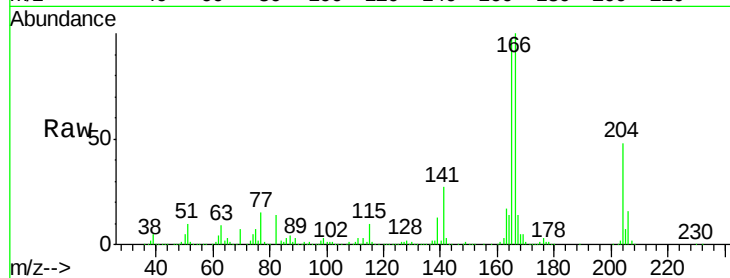
Tgt Ion:166 Resp: 1396347

Ion Ratio Lower Upper

166 100

165 97.0 80.0 120.0

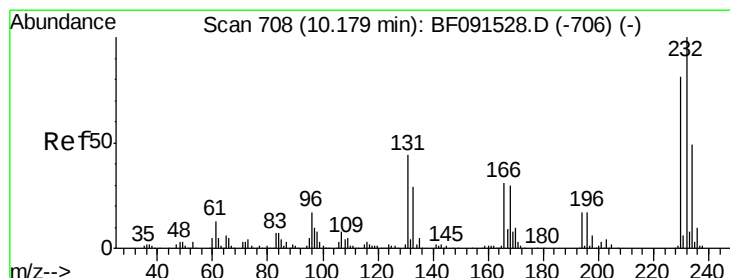
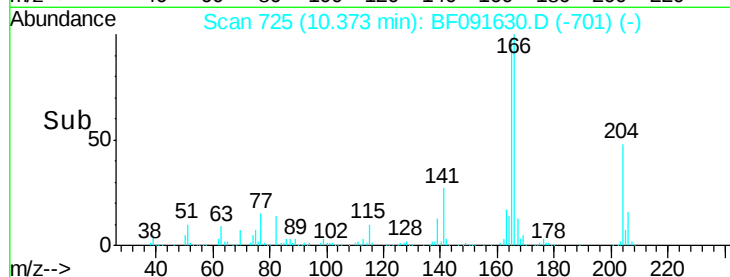
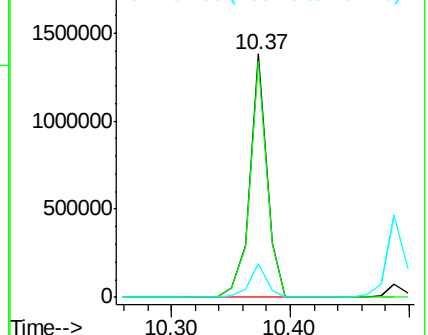
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.07 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Tgt Ion:232 Resp: 442371

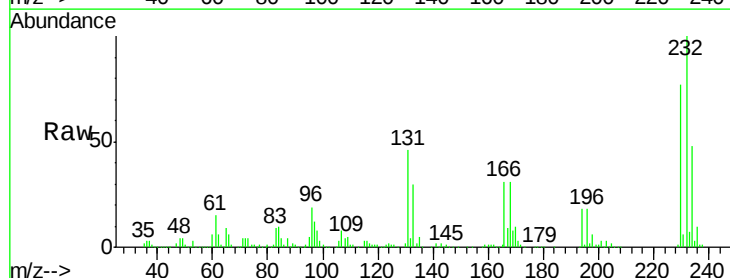
Ion Ratio Lower Upper

232 100

131 50.9 38.4 57.6

130 2.3 1.8 2.8

166 32.4 23.9 35.9

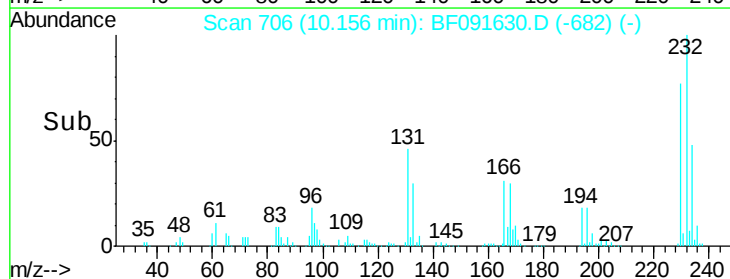
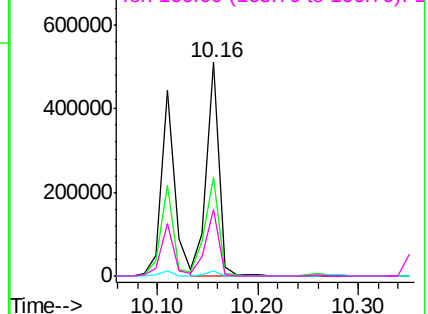


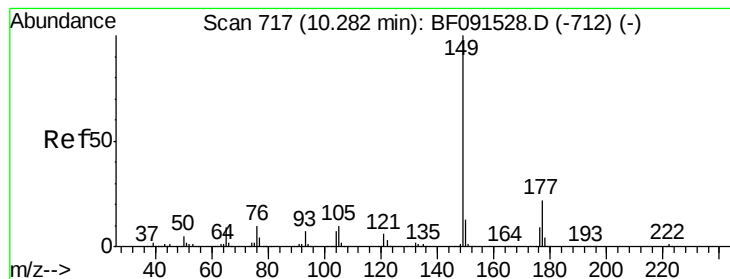
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.59 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

PB95365BS

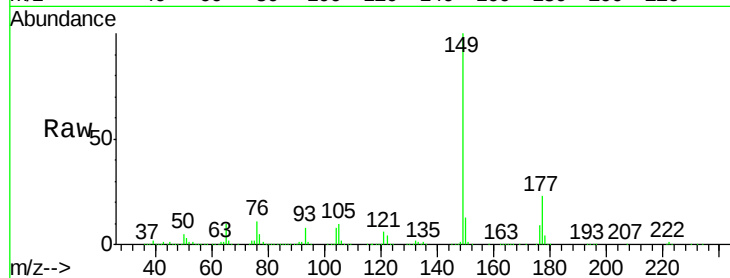
Tgt Ion:149 Resp: 1728540

Ion Ratio Lower Upper

149 100

177 22.6 15.7 23.5

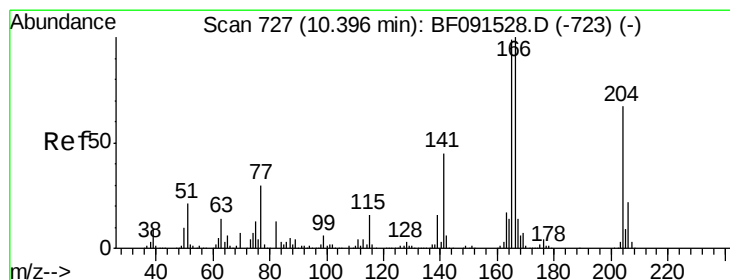
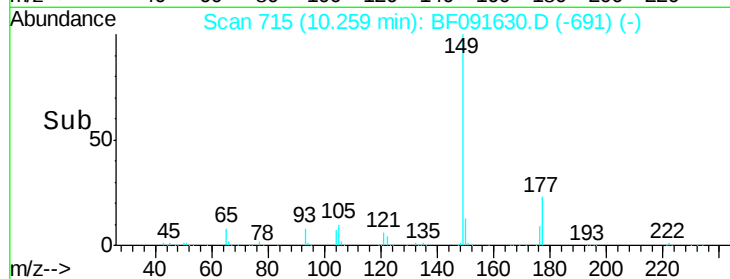
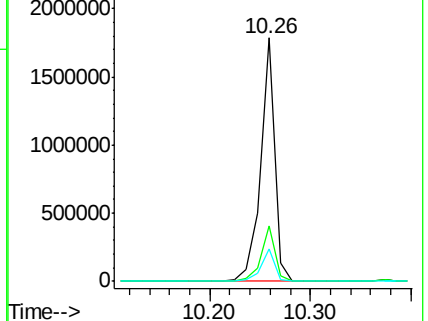
150 13.1 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.98 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

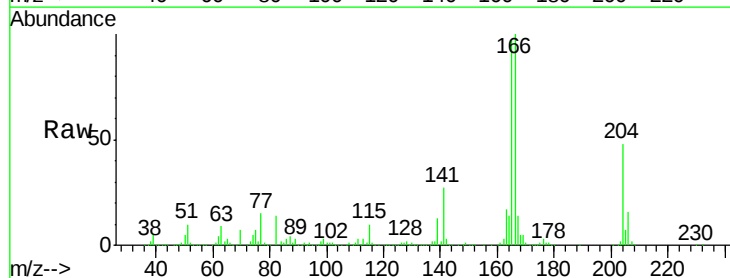
Tgt Ion:204 Resp: 721972

Ion Ratio Lower Upper

204 100

206 33.7 26.1 39.1

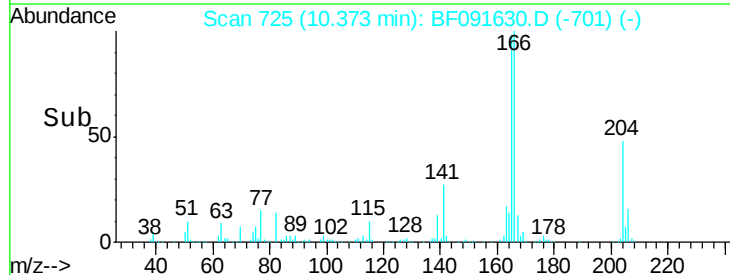
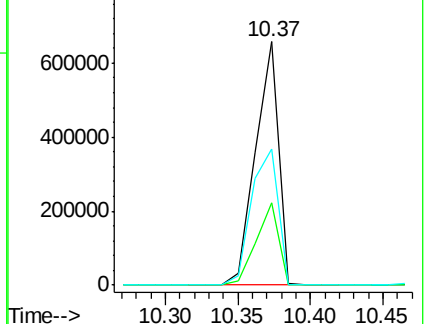
141 55.9 40.6 61.0

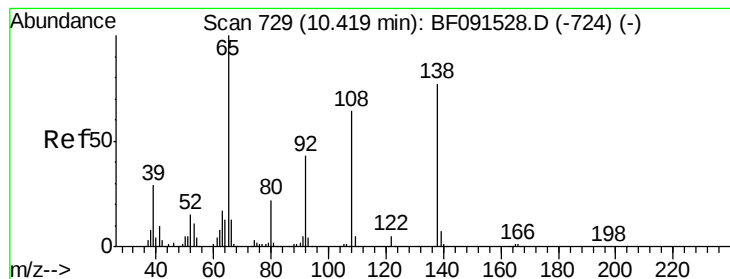


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.30 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

PB95365BS

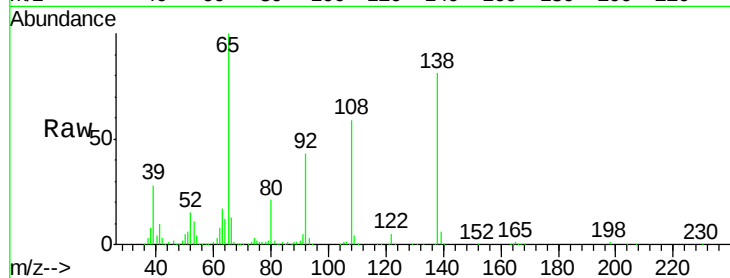
Tgt Ion:138 Resp: 426096

Ion Ratio Lower Upper

138 100

92 53.2 26.9 66.9

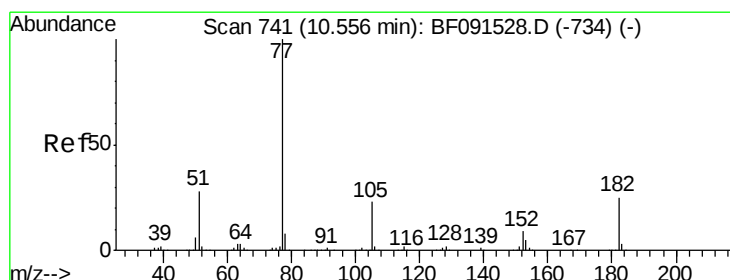
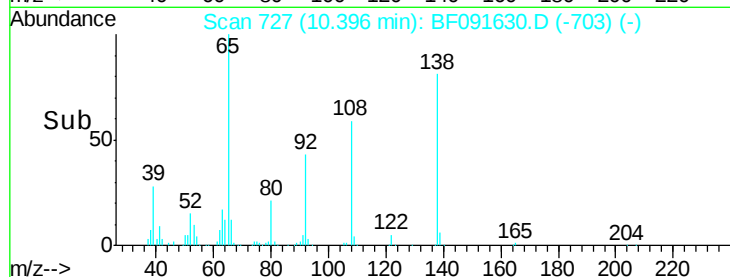
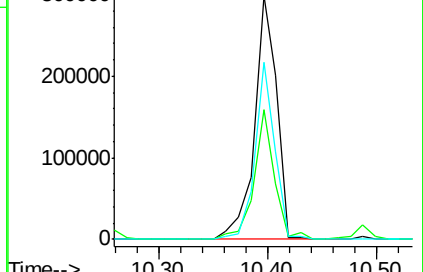
108 72.9 49.1 89.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.21 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Tgt Ion: 77 Resp: 2074235

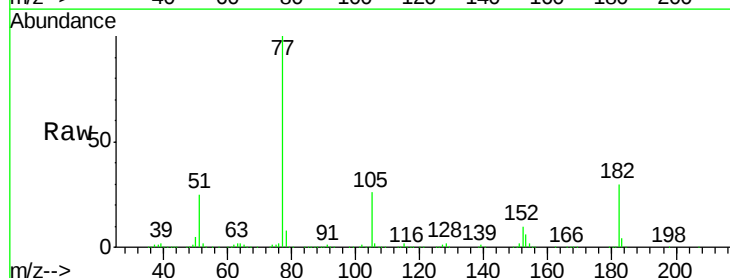
Ion Ratio Lower Upper

77 100

182 30.4 12.5 52.5

105 26.2 3.7 43.7

51 24.9 11.9 51.9

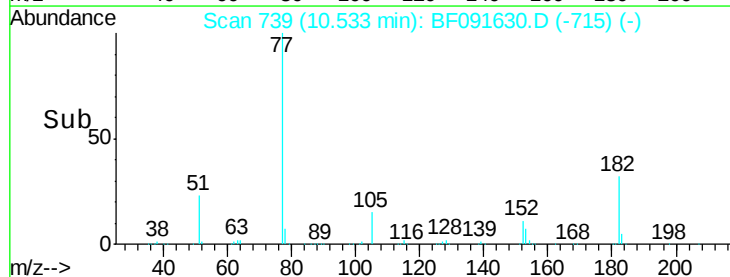
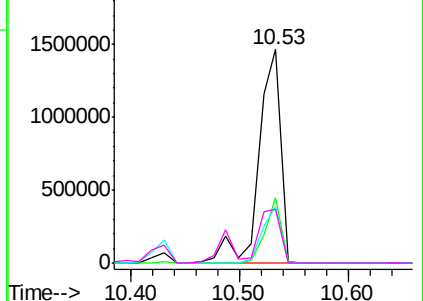


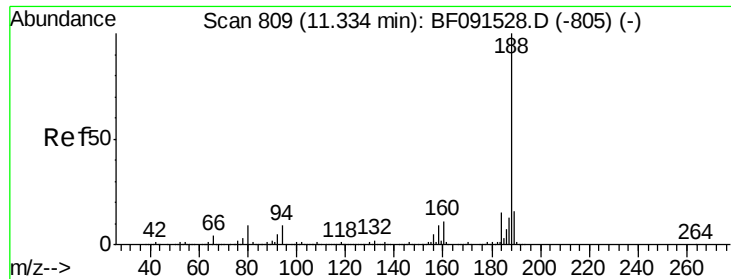
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

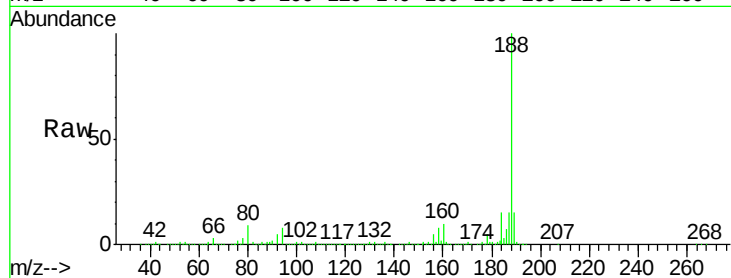




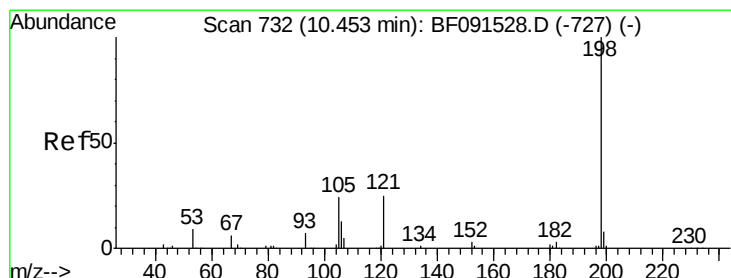
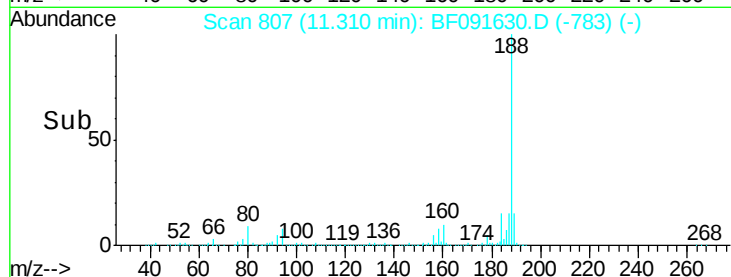
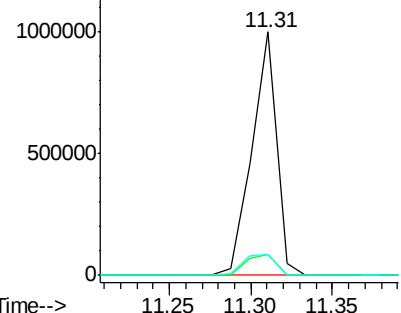
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Instrument :
BNA_F
ClientSampleId :
PB95365BS

Tgt Ion:188 Resp: 1052556
Ion Ratio Lower Upper
188 100
94 8.4 9.2 13.8#
80 8.7 10.5 15.7#

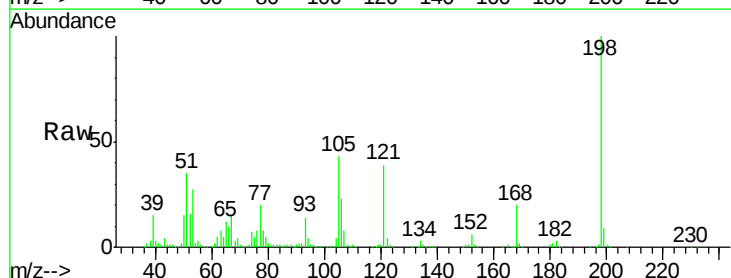


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

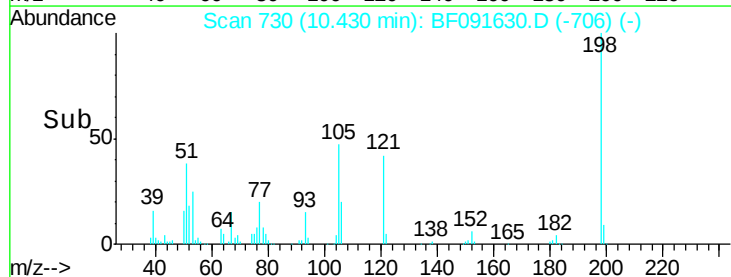
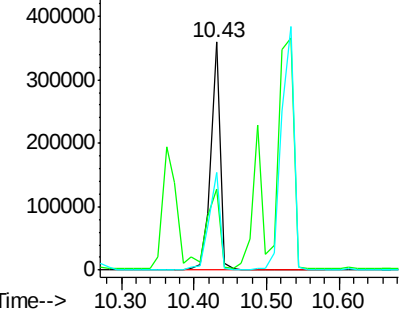


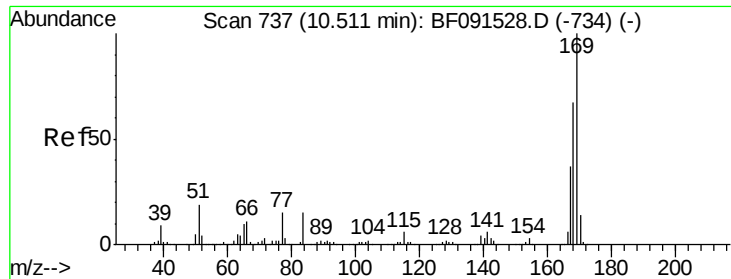
#64
4,6-Dinitro-2-methylphenol
Concen: 51.05 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Tgt Ion:198 Resp: 327574
Ion Ratio Lower Upper
198 100
51 35.4 77.1 117.1#
105 42.9 44.8 84.8#



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





#65

n-Nitrosodiphenylamine

Concen: 43.29 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

PB95365BS

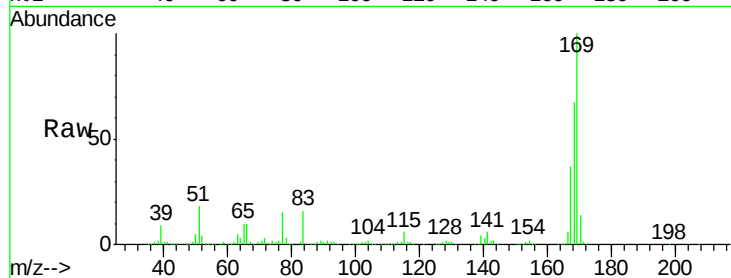
Tgt Ion:169 Resp: 1358527

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.8

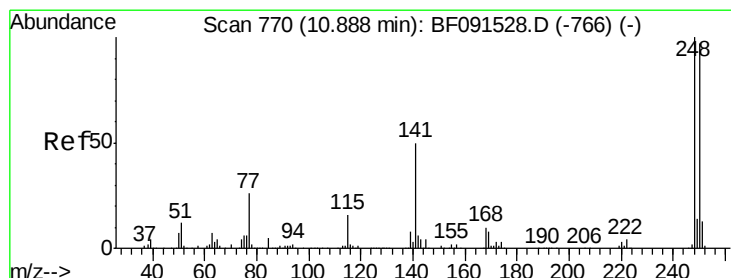
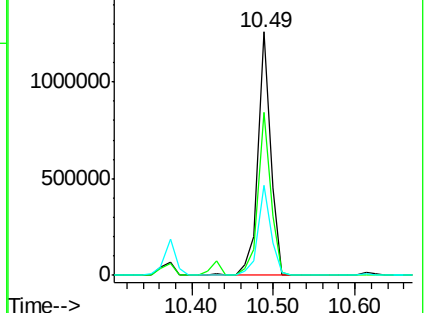
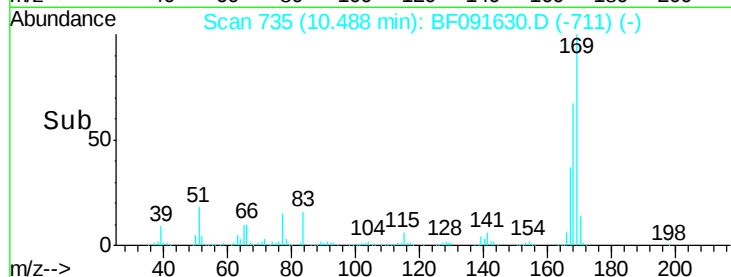
167 37.1 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.45 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.03 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

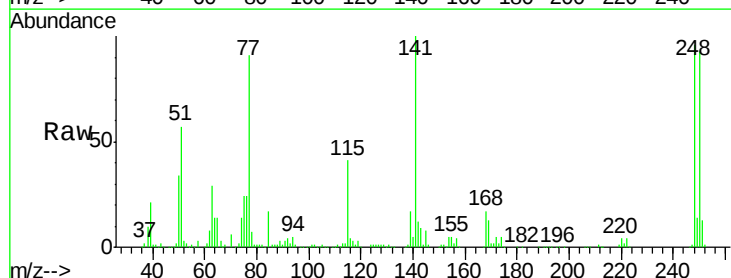
Tgt Ion:248 Resp: 458083

Ion Ratio Lower Upper

248 100

250 97.4 78.2 117.4

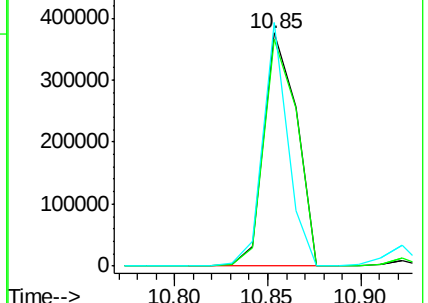
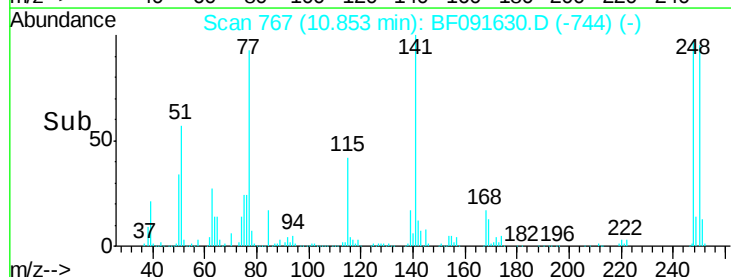
141 104.5 71.9 107.9

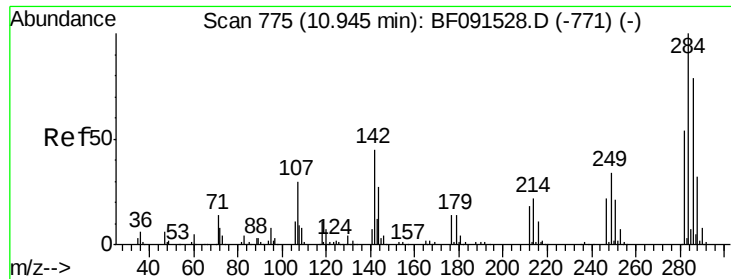


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

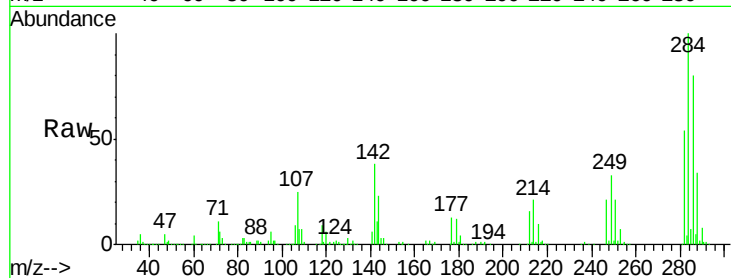




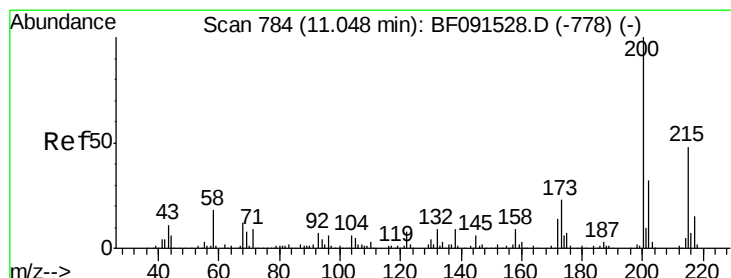
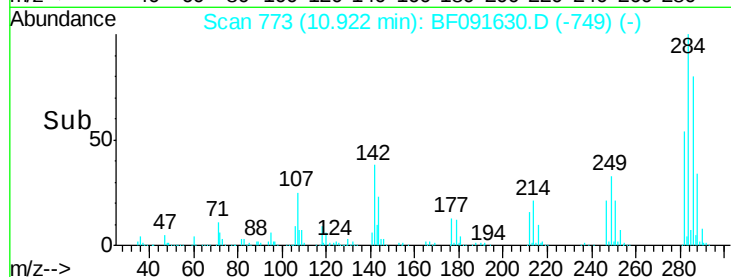
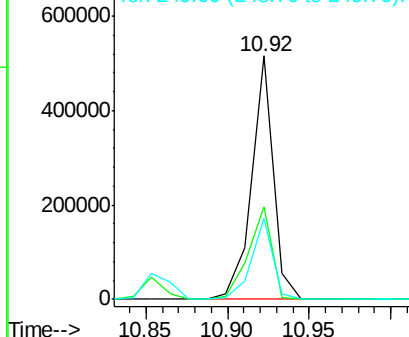
#67
Hexachlorobenzene
Concen: 42.46 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Instrument :
BNA_F
ClientSampleId :
PB95365BS

Tgt Ion: 284 Resp: 476425
Ion Ratio Lower Upper
284 100
142 38.3 17.9 26.9#
249 33.4 23.6 35.4

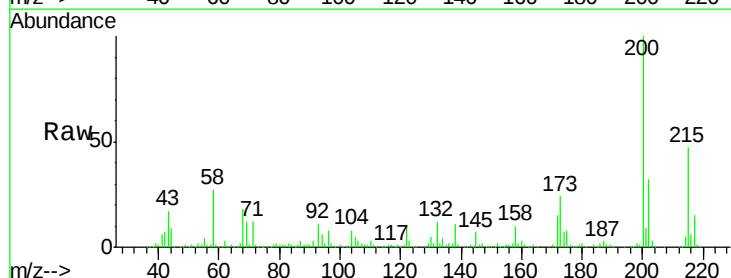


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

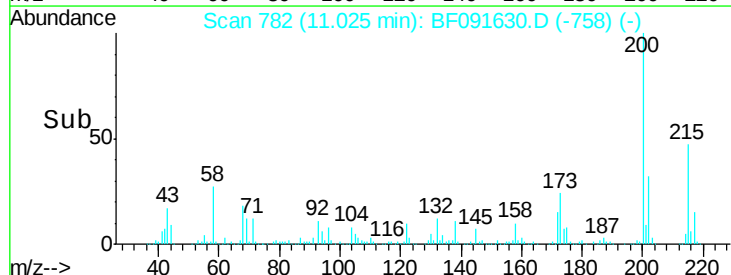
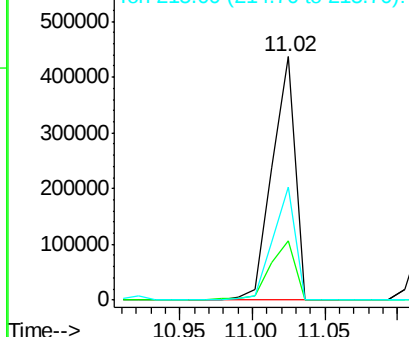


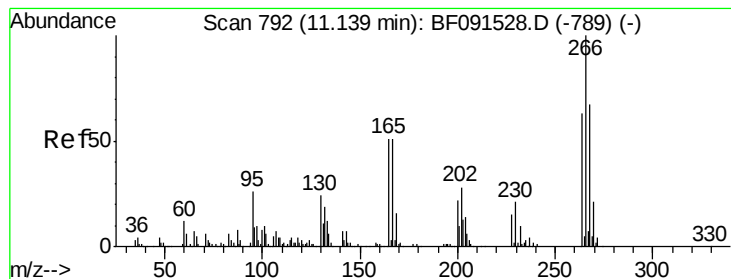
#68
Atrazine
Concen: 47.79 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Tgt Ion: 200 Resp: 482153
Ion Ratio Lower Upper
200 100
173 24.5 7.8 47.8
215 46.5 24.3 64.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 82.15 ng

RT: 11.12 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

PB95365BS

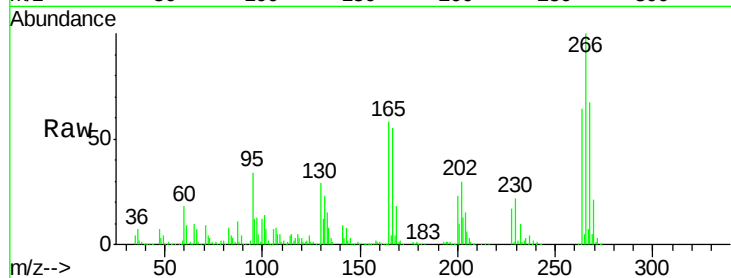
Tgt Ion:266 Resp: 518766

Ion Ratio Lower Upper

266 100

268 66.6 50.3 75.5

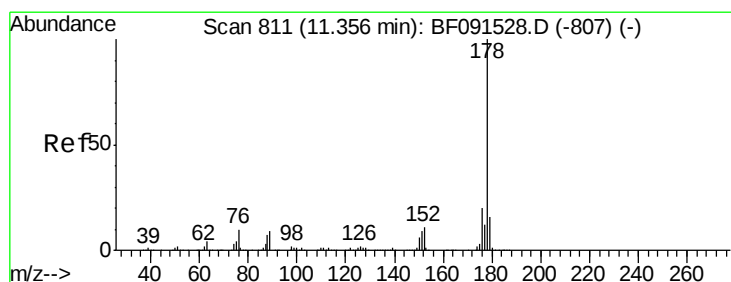
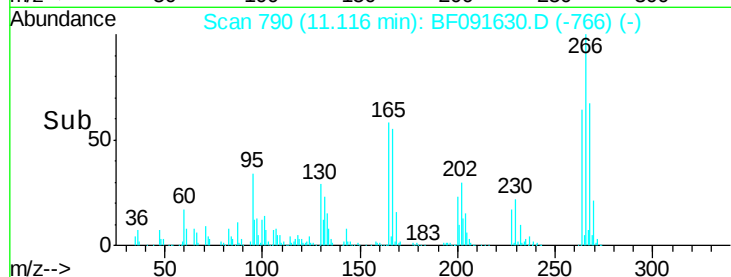
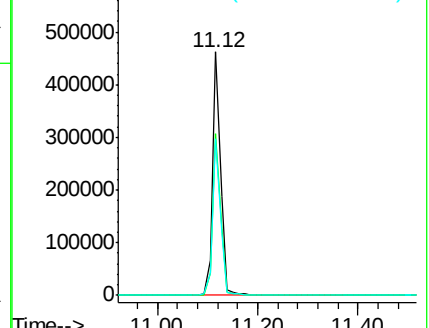
264 64.2 48.2 72.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 43.83 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

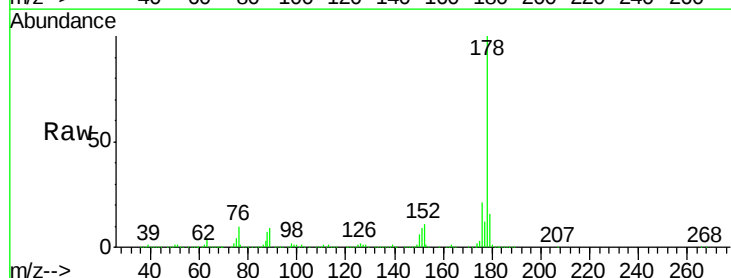
Tgt Ion:178 Resp: 2284350

Ion Ratio Lower Upper

178 100

176 20.8 15.9 23.9

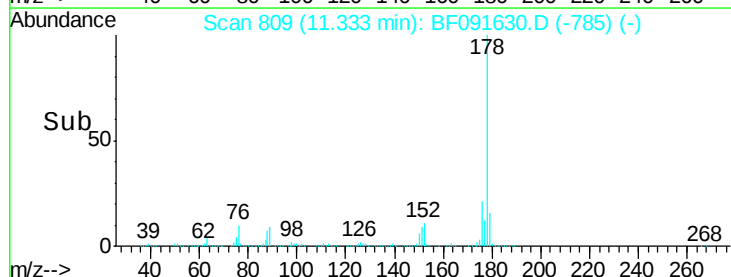
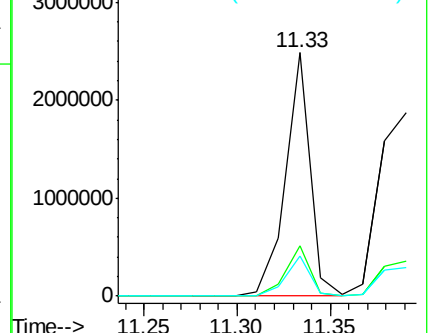
179 16.5 12.6 18.8

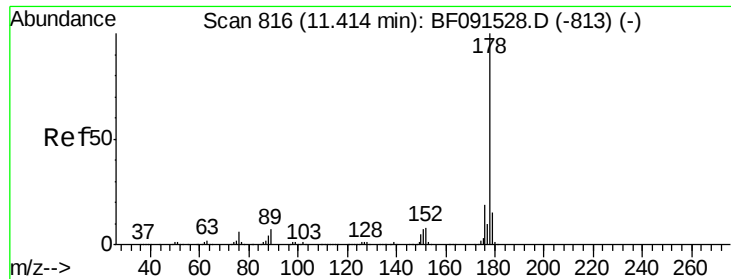


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

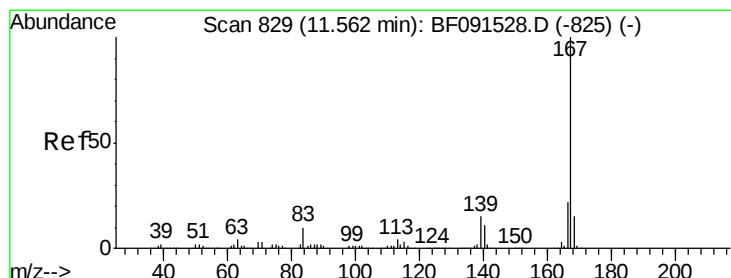
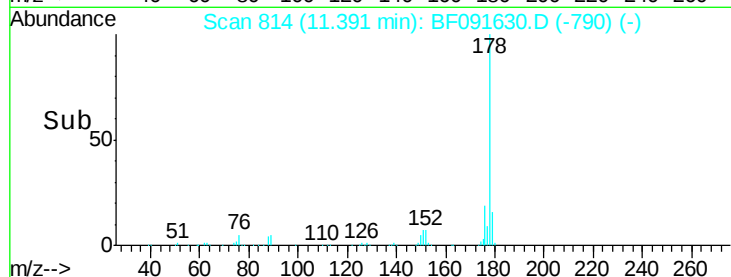
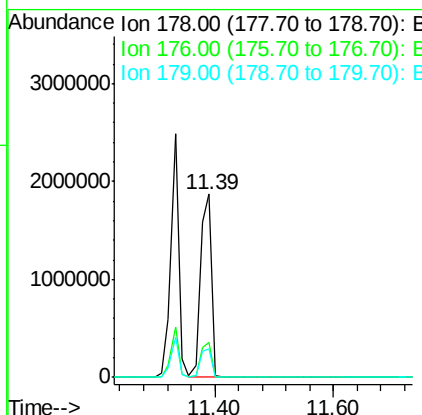
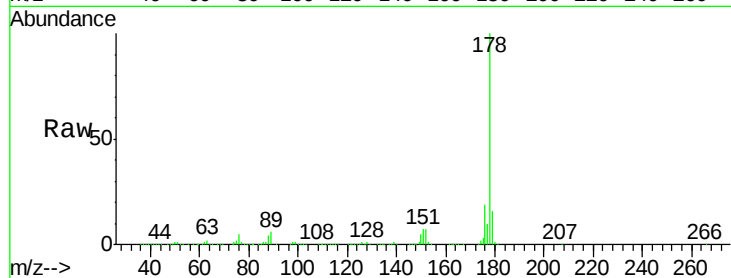




#71
 Anthracene
 Concen: 44.09 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

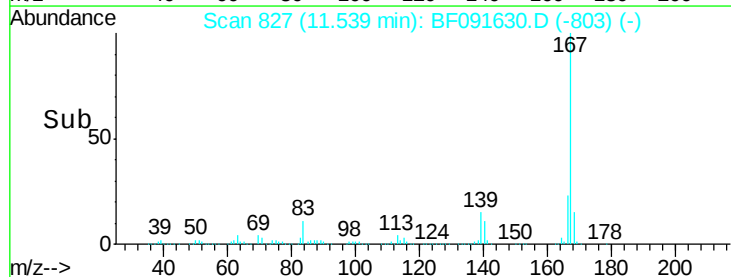
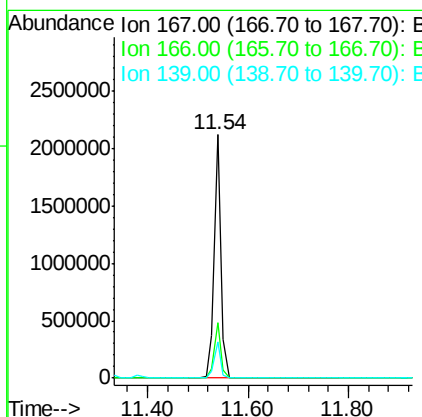
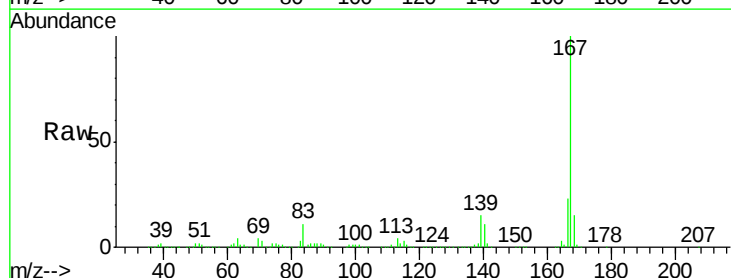
Instrument :
 BNA_F
 ClientSampleId :
 PB95365BS

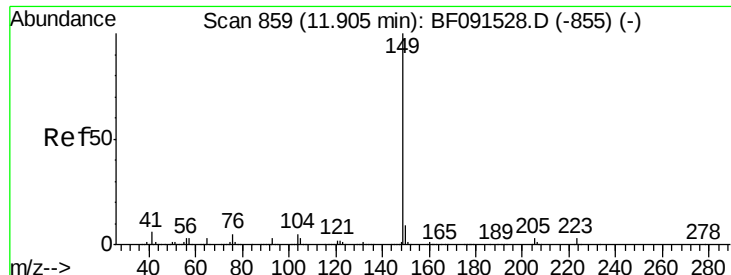
Tgt Ion:178 Resp: 2479010
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 40.28 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Tgt Ion:167 Resp: 1985015
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 14.7 11.5 17.3





#73

Di-n-butylphthalate

Concen: 48.50 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

PB95365BS

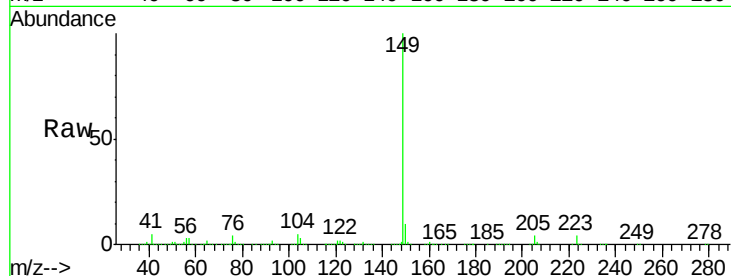
Tgt Ion:149 Resp: 2784692

Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

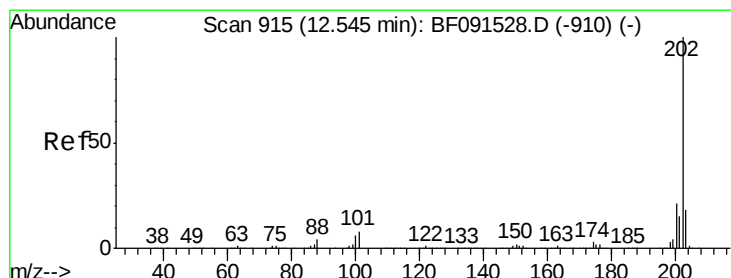
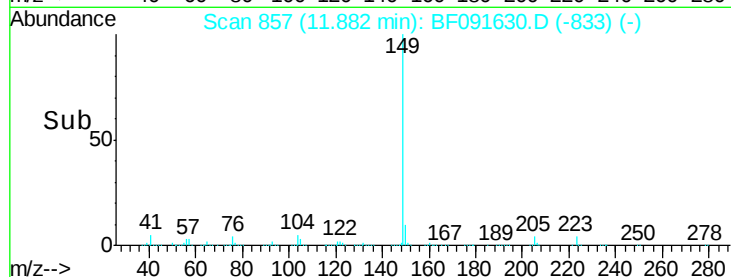
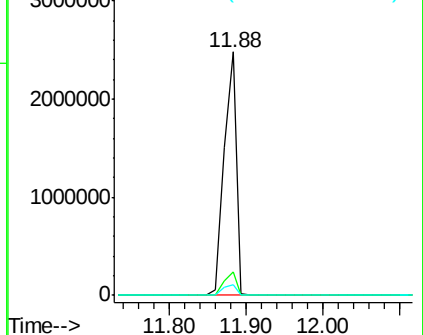
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.65 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

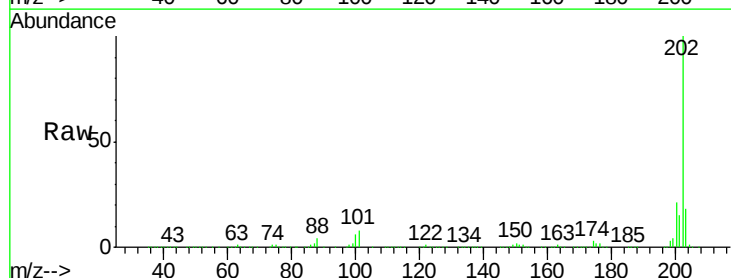
Tgt Ion:202 Resp: 2546296

Ion Ratio Lower Upper

202 100

101 8.3 0.0 29.5

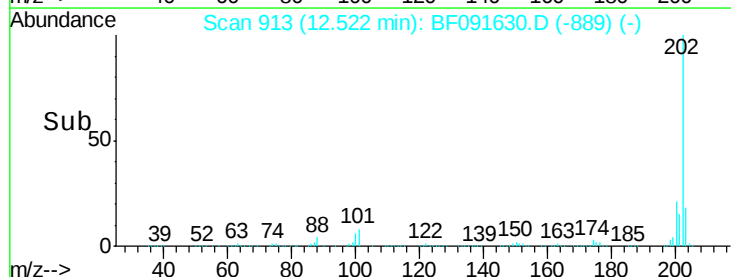
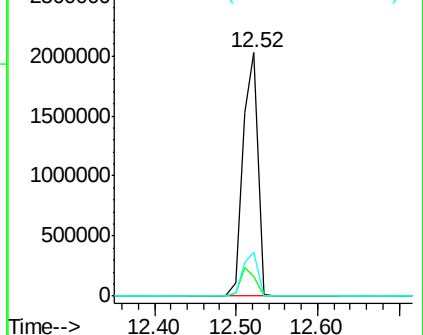
203 18.1 0.0 37.8

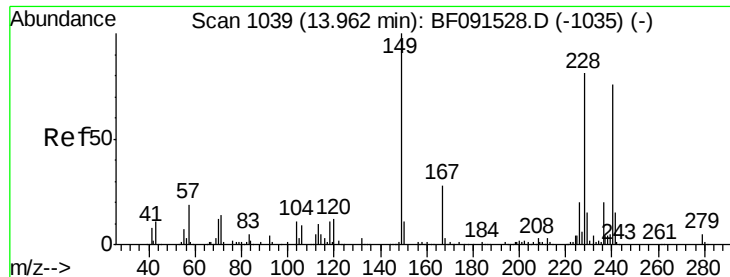


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

PB95365BS

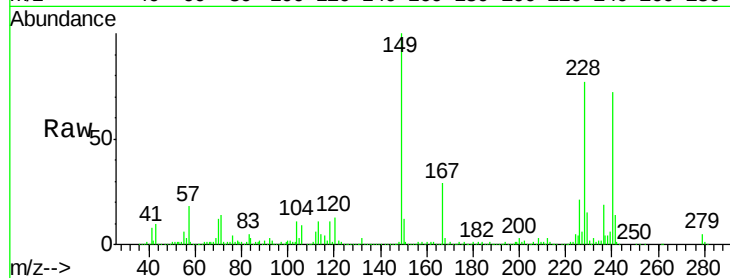
Tgt Ion:240 Resp: 659881

Ion Ratio Lower Upper

240 100

120 17.7 12.1 18.1

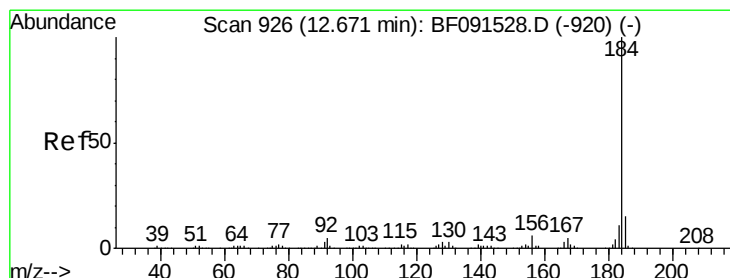
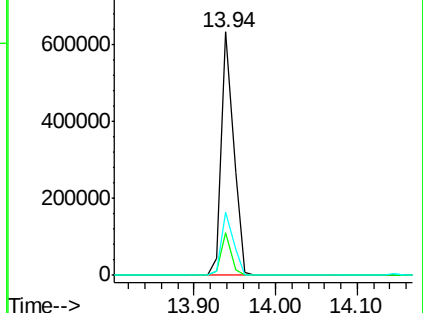
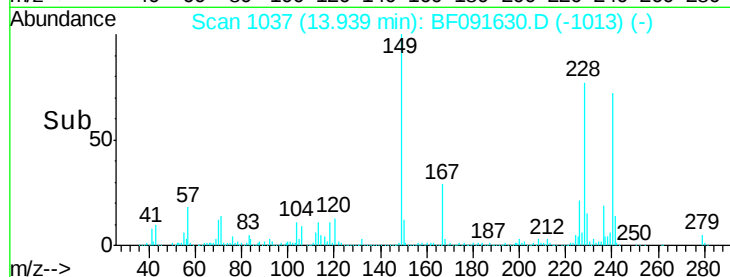
236 26.1 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.73 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.03 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

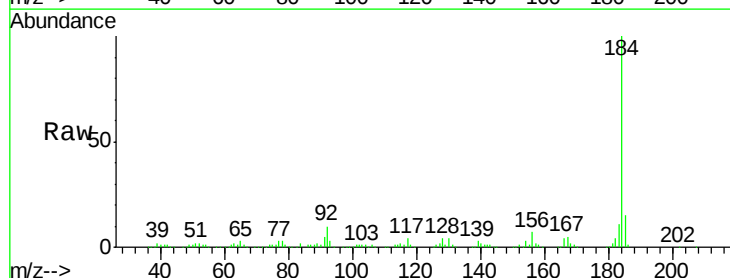
Tgt Ion:184 Resp: 382068

Ion Ratio Lower Upper

184 100

185 14.6 13.1 19.7

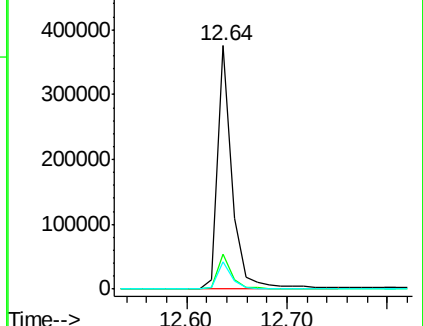
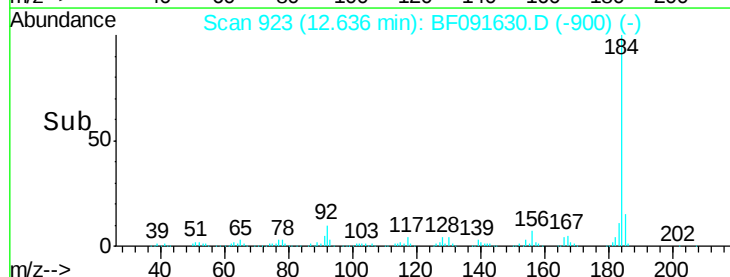
183 11.1 8.9 13.3

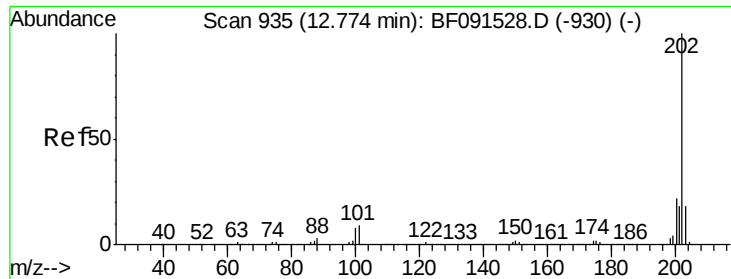


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

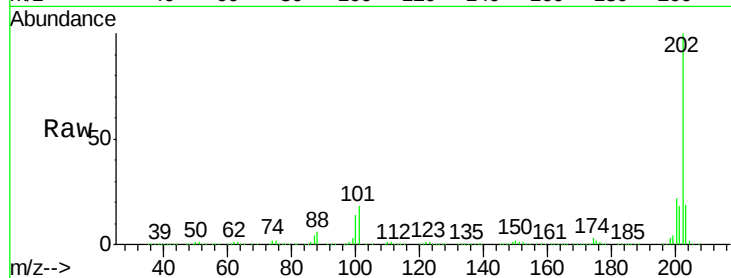




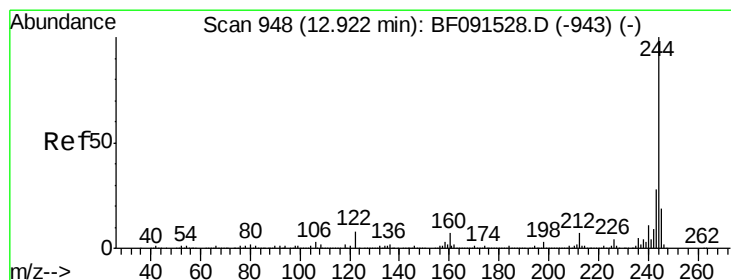
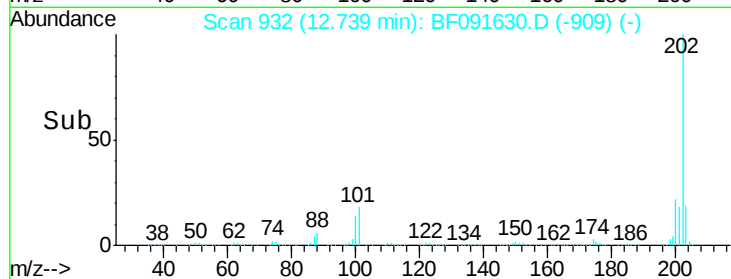
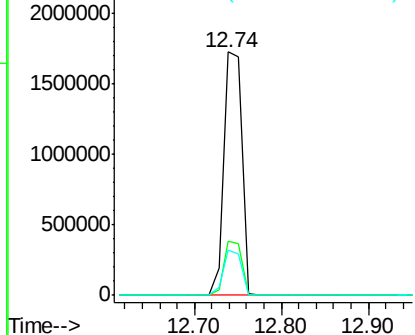
#77
 Pyrene
 Concen: 47.75 ng
 RT: 12.74 min Scan# 932
 Delta R.T. -0.03 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Instrument :
 BNA_F
 ClientSampleId :
 PB95365BS

Tgt Ion: 202 Resp: 2500015
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.6 26.4
 203 18.8 14.0 21.0

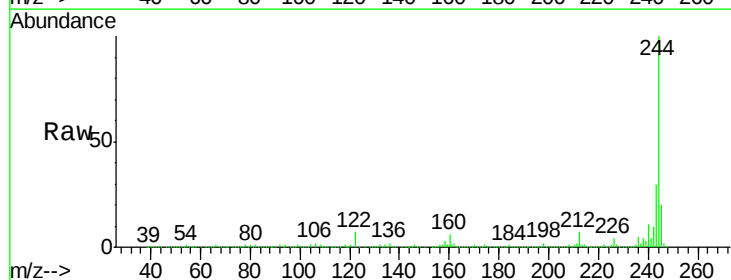


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

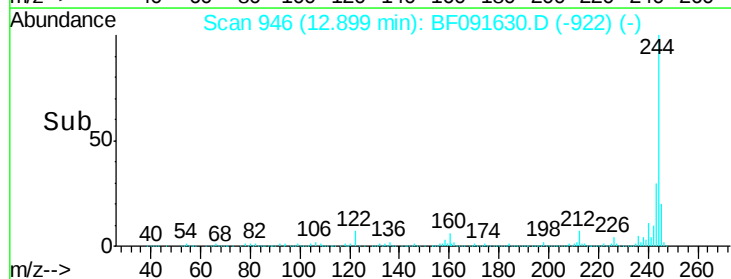
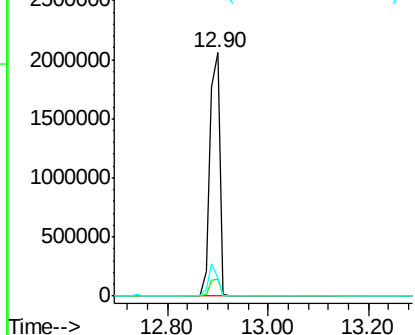


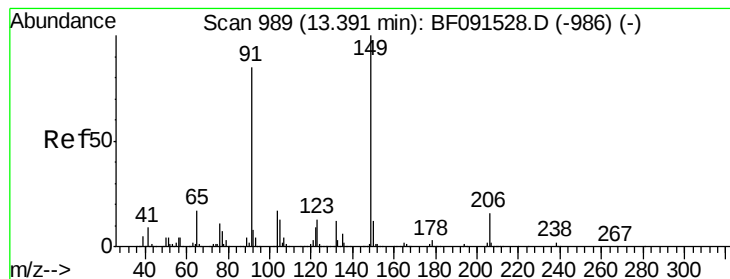
#78
 Terphenyl-d14
 Concen: 96.52 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.02 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Tgt Ion: 244 Resp: 2806890
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 7.4 9.5 14.3#



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





#79

Butylbenzylphthalate

Concen: 51.67 ng

RT: 13.37 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

PB95365BS

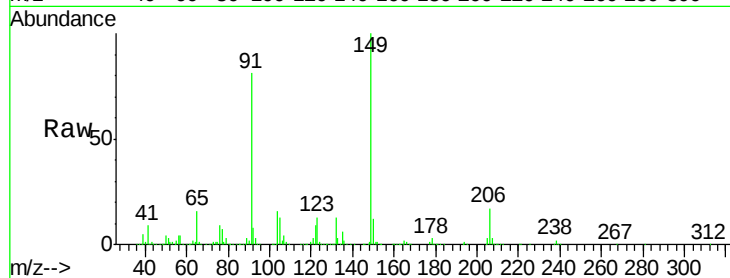
Tgt Ion:149 Resp: 1054456

Ion Ratio Lower Upper

149 100

91 80.8 57.4 86.2

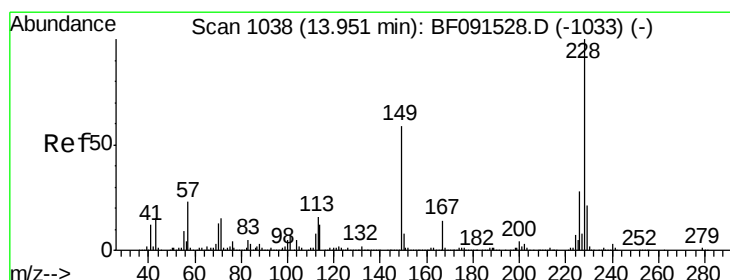
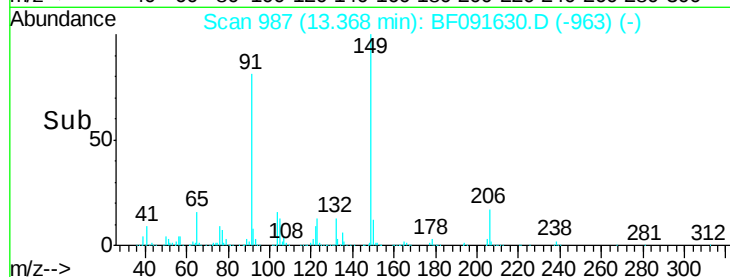
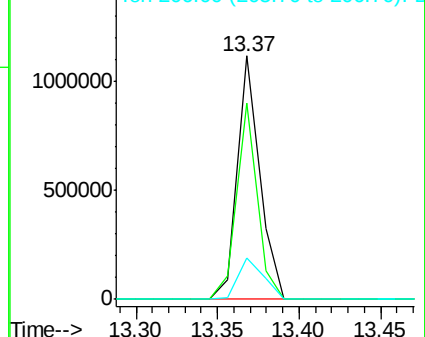
206 17.1 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.51 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

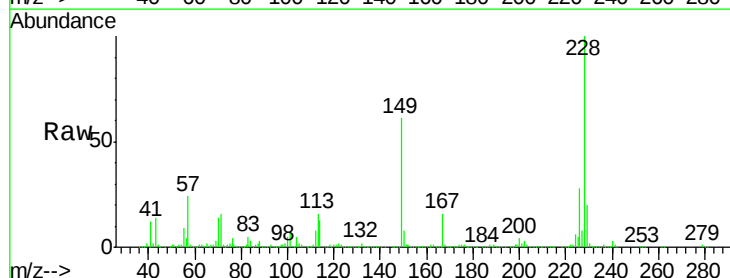
Tgt Ion:228 Resp: 1820858

Ion Ratio Lower Upper

228 100

226 28.1 22.5 33.7

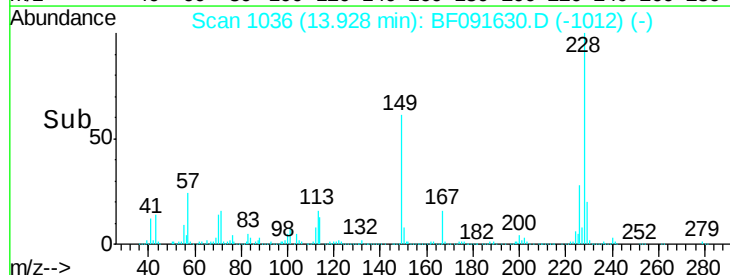
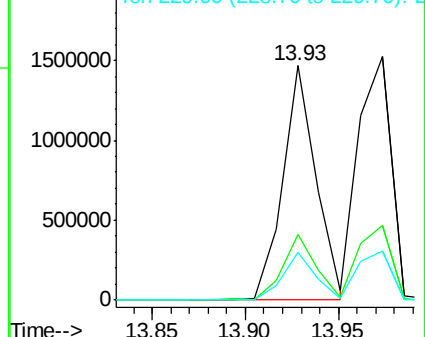
229 20.5 16.4 24.6

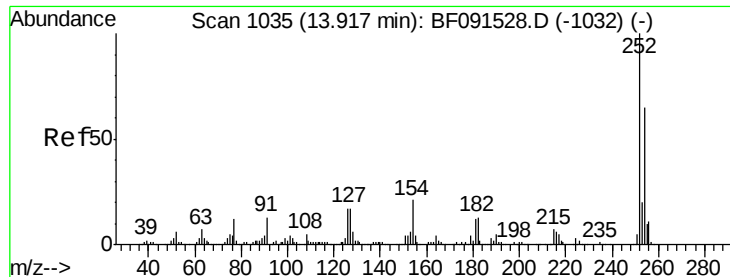


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

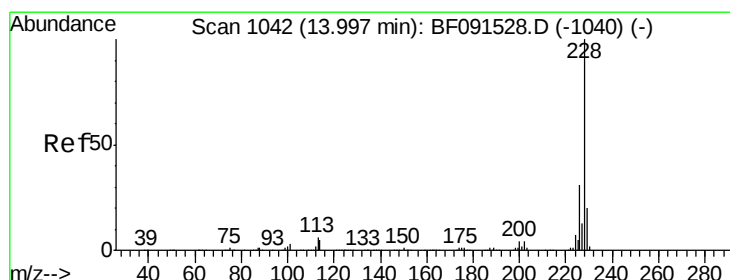
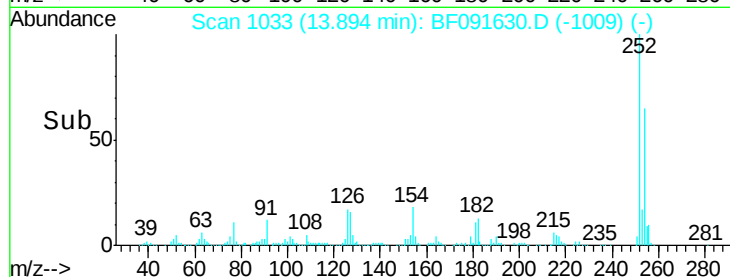
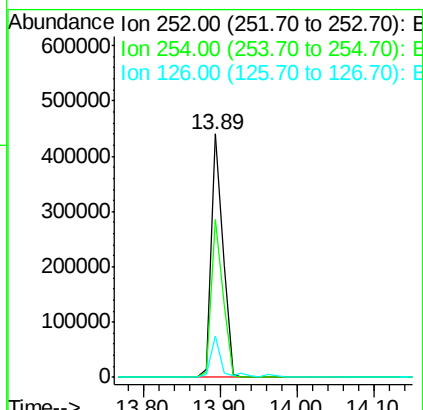
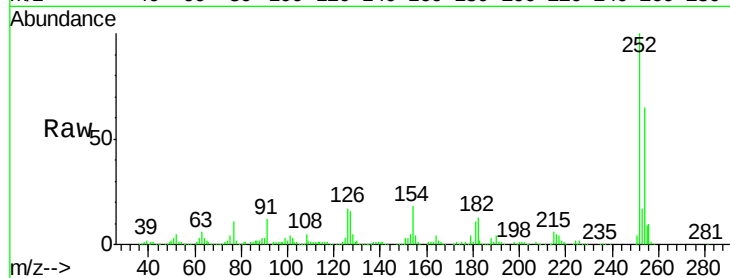




#81
 3,3'-Dichlorobenzidine
 Concen: 33.45 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

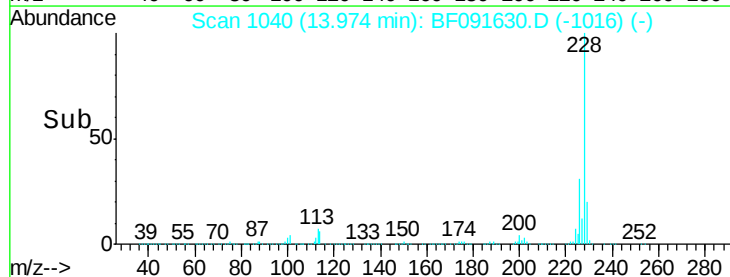
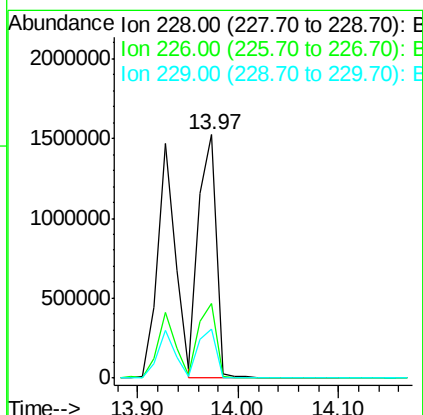
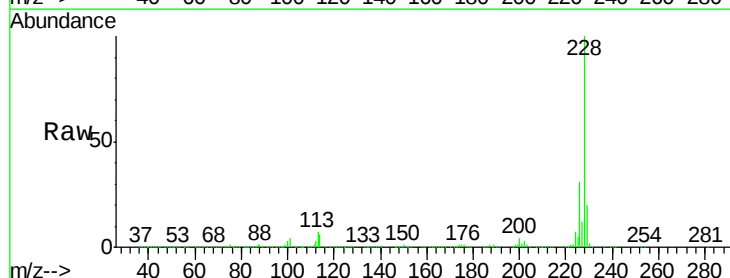
Instrument :
 BNA_F
 ClientSampleId :
 PB95365BS

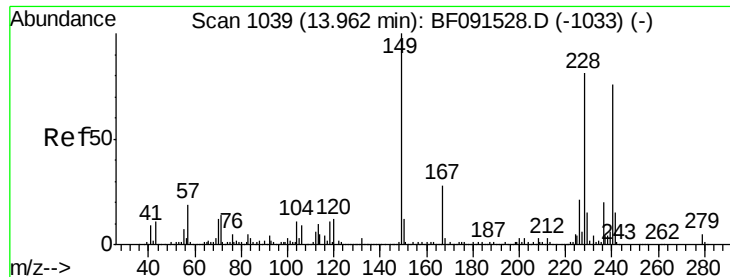
Tgt Ion:252 Resp: 460373
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.1 78.1
 126 16.9 7.5 11.3#



#82
 Chrysene
 Concen: 46.82 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Tgt Ion:228 Resp: 1877115
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.4
 229 20.0 16.0 24.0

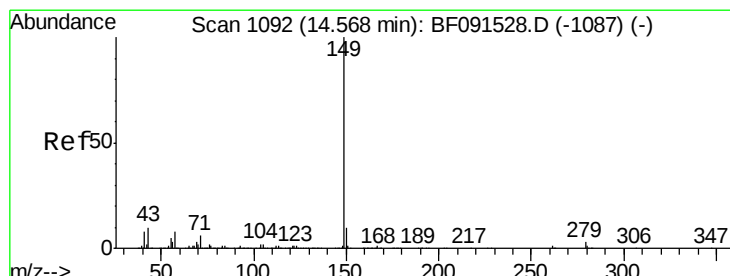
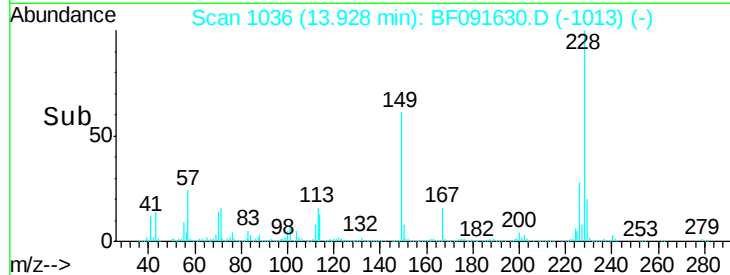
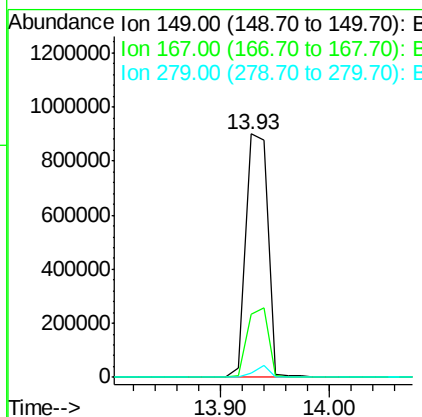
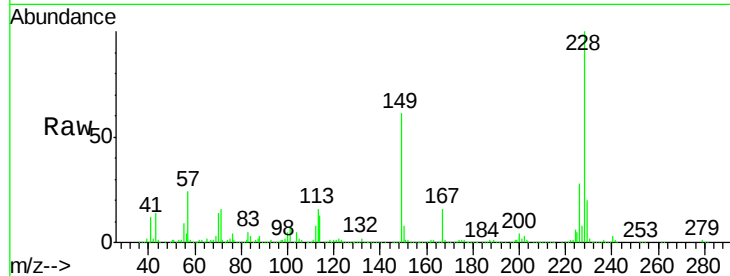




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.20 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

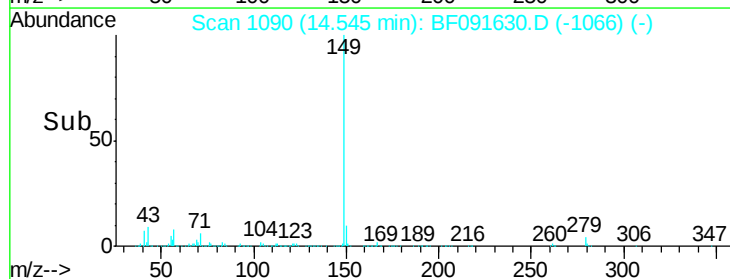
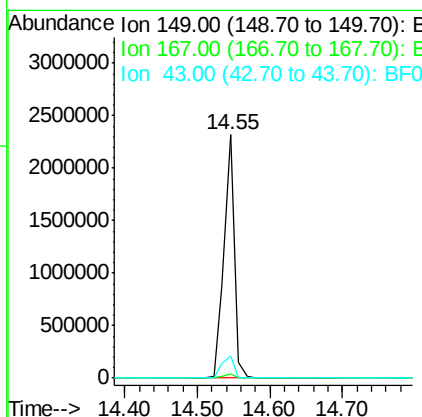
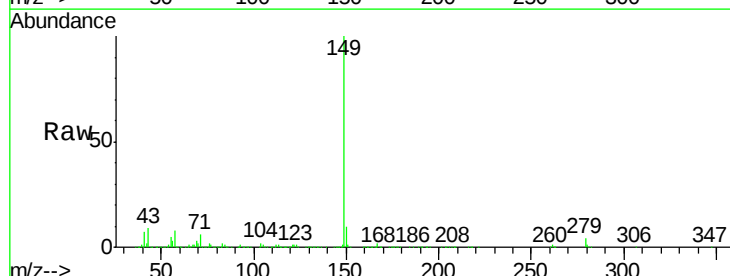
Instrument :
 BNA_F
 ClientSampleId :
 PB95365BS

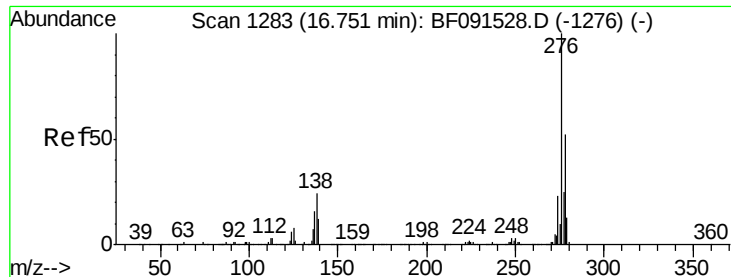
Tgt Ion:149 Resp: 1261946
 Ion Ratio Lower Upper
 149 100
 167 25.7 19.6 29.4
 279 2.0 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 52.29 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BF091630.D
 Acq: 15 Dec 2016 16:05

Tgt Ion:149 Resp: 2323876
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.0 11.9 17.9#

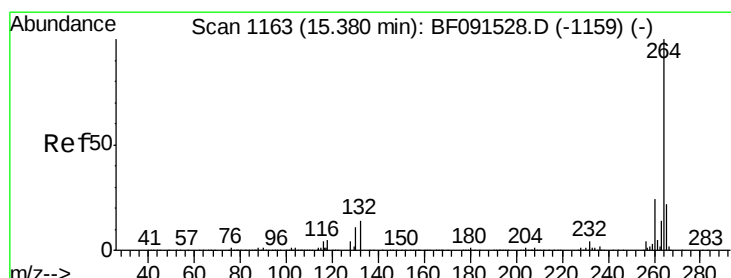
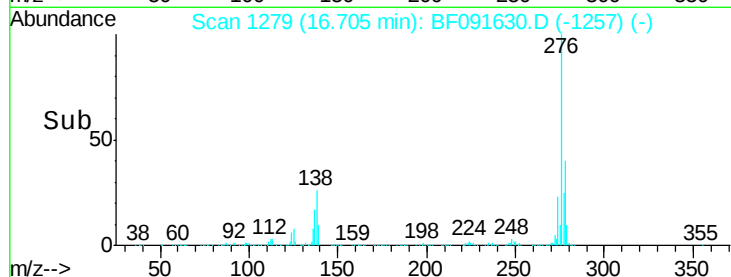
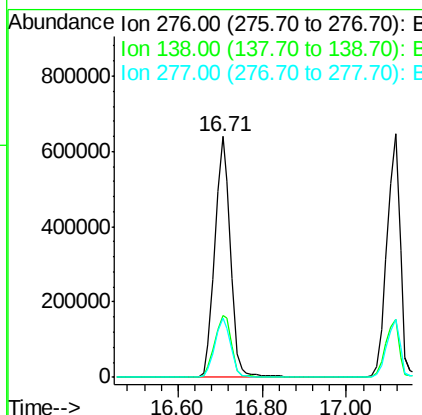
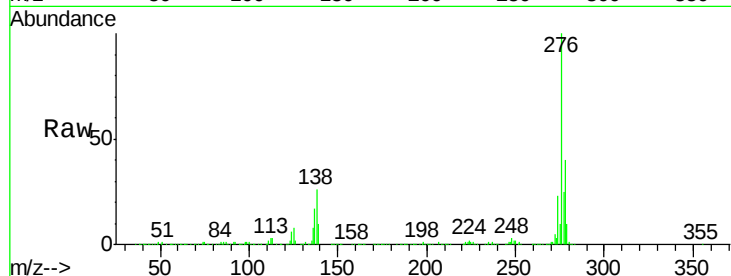




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.20 ng
RT: 16.71 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

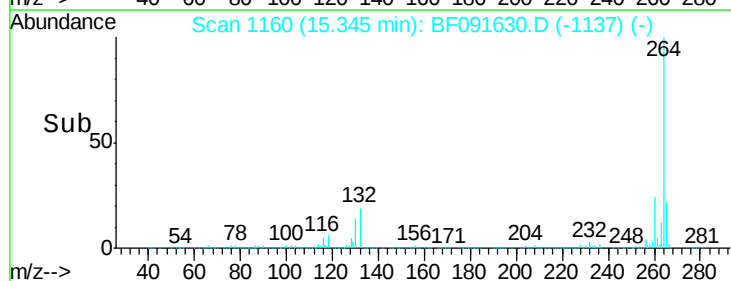
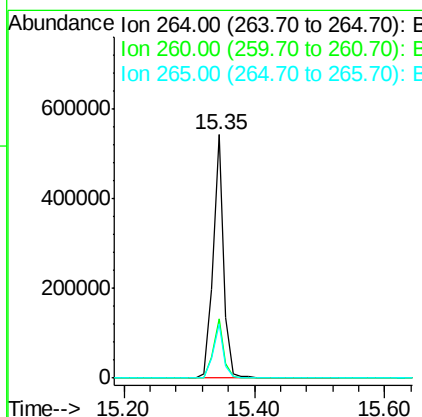
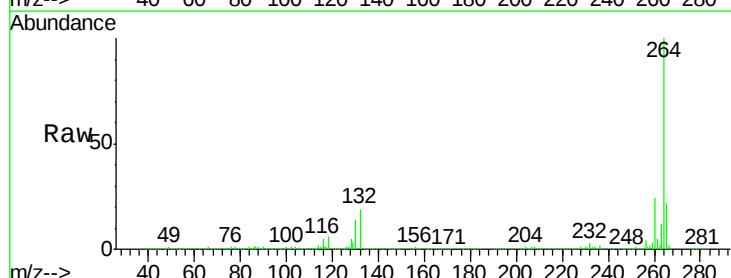
Instrument :
BNA_F
ClientSampleId :
PB95365BS

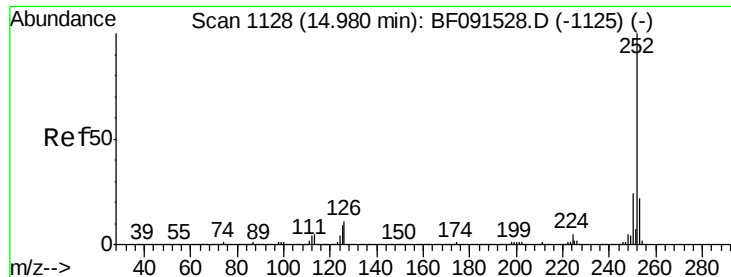
Tgt Ion: 276 Resp: 1666751
Ion Ratio Lower Upper
276 100
138 28.1 21.0 31.4
277 24.9 20.2 30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Tgt Ion: 264 Resp: 625117
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 22.1 17.0 25.6

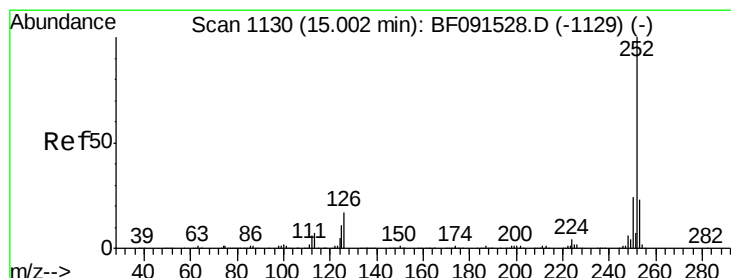
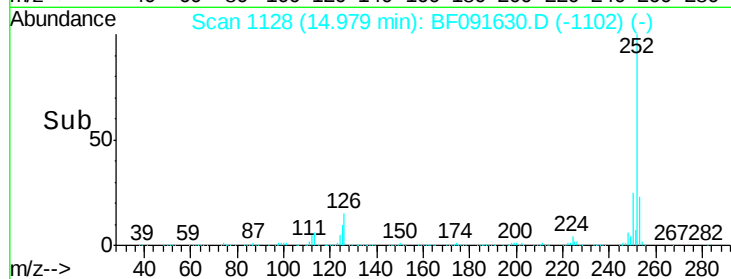
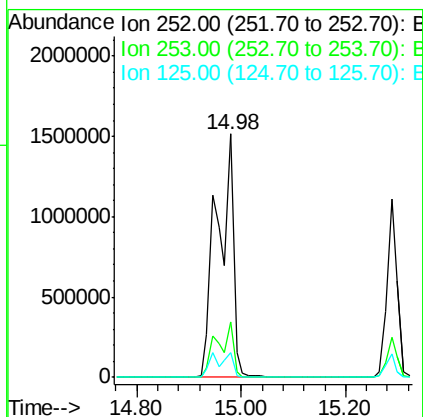
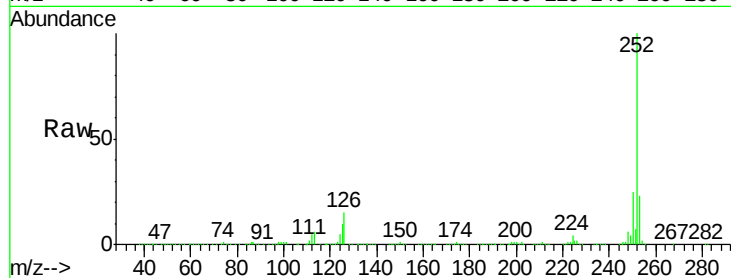




#87
Benzo(b)fluoranthene
Concen: 88.10 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

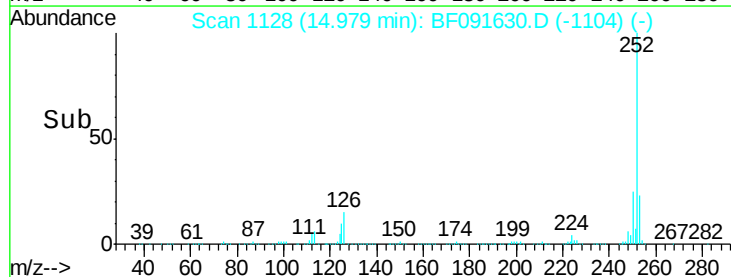
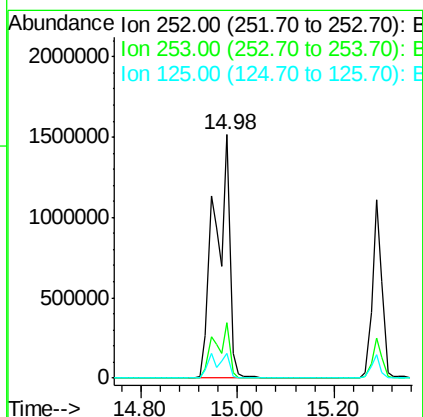
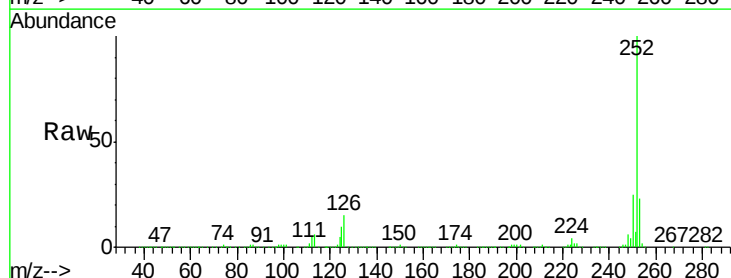
Instrument :
BNA_F
ClientSampleId :
PB95365BS

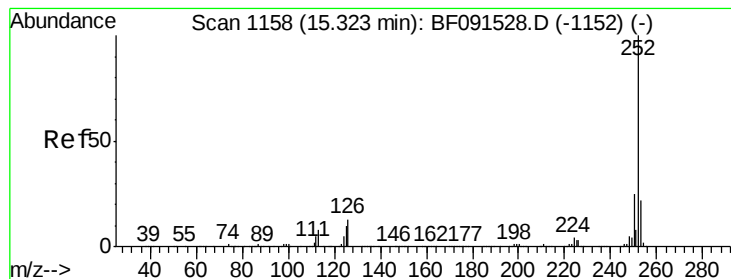
Tgt Ion:252 Resp: 3283122
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.0 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 100.24 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Tgt Ion:252 Resp: 3284568
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 10.0 9.6 14.4

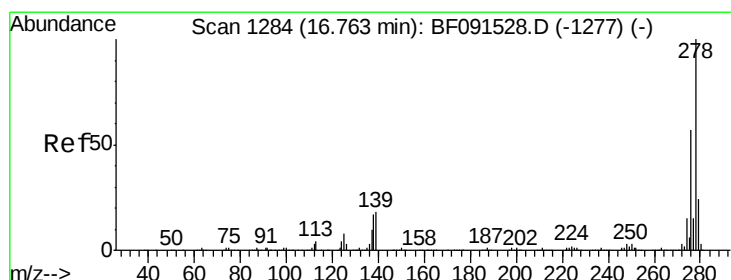
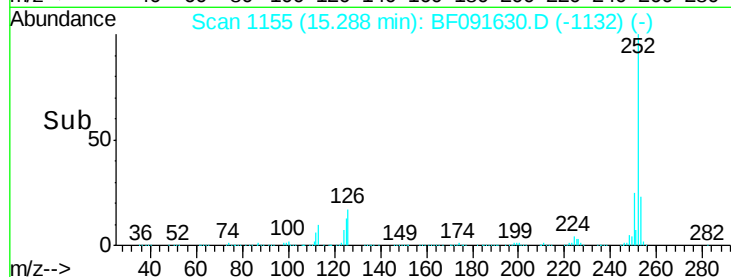
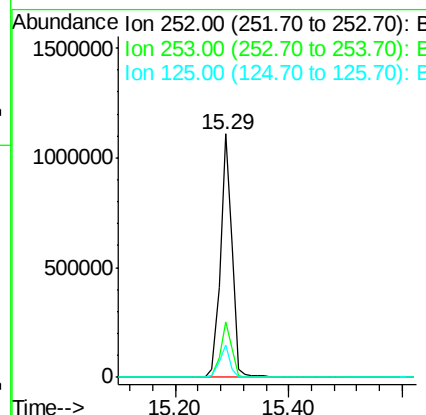
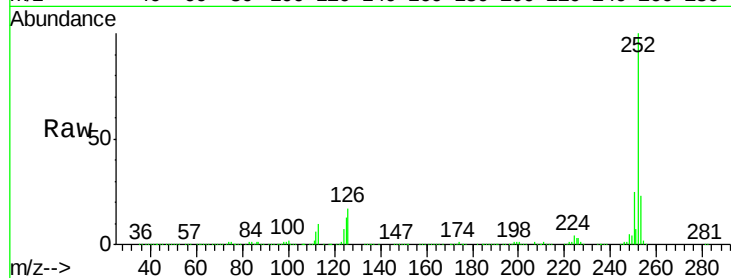




#89
Benzo(a)pyrene
Concen: 45.71 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

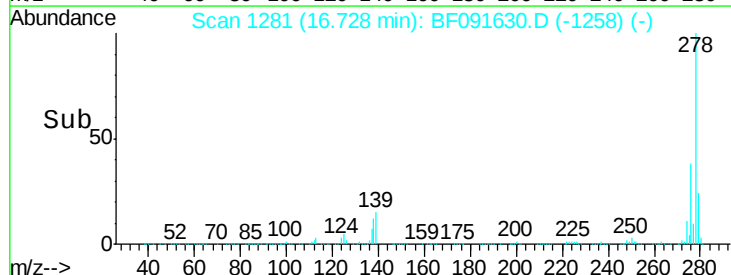
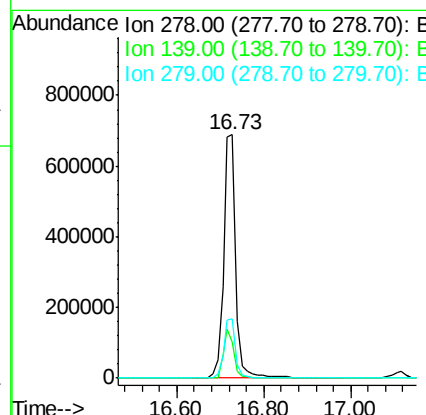
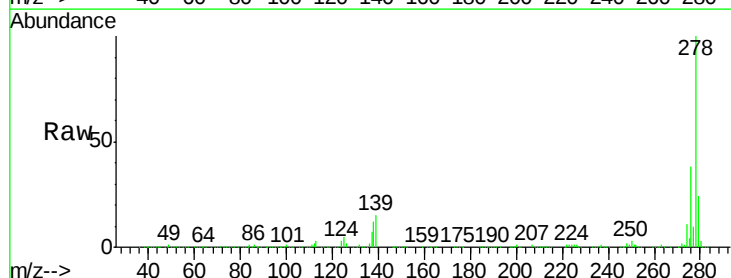
Instrument :
BNA_F
ClientSampled :
PB95365BS

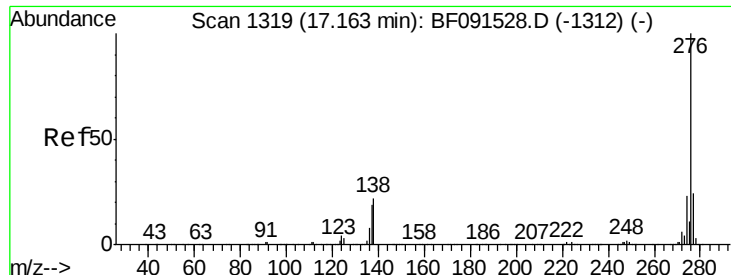
Tgt Ion:252 Resp: 1534619
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 13.3 10.4 15.6



#90
Dibenzo(a,h)anthracene
Concen: 44.96 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF091630.D
Acq: 15 Dec 2016 16:05

Tgt Ion:278 Resp: 1352120
Ion Ratio Lower Upper
278 100
139 14.8 15.1 22.7#
279 24.4 19.0 28.6





#91

Benzo(g,h,i)perylene

Concen: 46.81 ng

RT: 17.12 min Scan# 1315

Delta R.T. -0.05 min

Lab File: BF091630.D

Acq: 15 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

PB95365BS

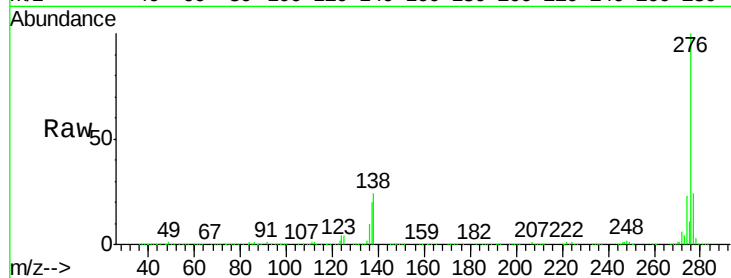
Tgt Ion: 276 Resp: 1432636

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 23.7 15.4 23.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

