

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093296.D
 Acq On : 1 Mar 2017 18:22
 Operator : SJ/MA
 Sample : I2002-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MSD

Quant Time: Mar 02 00:03:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133577	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	474853	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	240810	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	441907	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	337650	20.00	ng	-0.05
86) Perylene-d12	15.39	264	267308	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1258103	161.59	ng	-0.03
7) Phenol-d6	6.46	99	1445052	144.25	ng	-0.02
23) Nitrobenzene-d5	7.39	82	979991	114.93	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	293524	168.53	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1354181	101.88	ng	-0.05
78) Terphenyl-d14	12.92	244	1328300	92.43	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	189805	45.12	ng	# 83
3) Pyridine	3.08	79	554321	51.82	ng	86
4) n-Nitrosodimethylamine	3.05	42	288209	57.38	ng	85
6) Aniline	6.48	93	313917	22.97	ng	# 30
8) 2-Chlorophenol	6.60	128	439531	51.17	ng	96
9) Benzaldehyde	6.35	77	164262	22.89	ng	85
10) Phenol	6.48	94	628725	53.64	ng	87
11) bis(2-Chloroethyl)ether	6.54	93	462691	49.46	ng	87
12) 1,3-Dichlorobenzene	6.75	146	482087	47.92	ng	96
13) 1,4-Dichlorobenzene	6.83	146	431333	42.36	ng	96
14) 1,2-Dichlorobenzene	6.98	146	428494	44.01	ng	96
15) Benzyl Alcohol	6.97	79	342008	46.11	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	716614	44.09	ng	68
17) 2-Methylphenol	7.08	107	333847	45.30	ng	94
18) Hexachloroethane	7.32	117	245283	70.56	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	360219	56.49	ng	# 97
20) 3+4-Methylphenols	7.24	107	474272	53.83	ng	# 79
22) Acetophenone	7.23	105	616525	56.87	ng	# 97
24) Nitrobenzene	7.40	77	424365	48.47	ng	99
25) Isophorone	7.64	82	968660	60.96	ng	# 92
26) 2-Nitrophenol	7.72	139	233893	56.20	ng	# 94
27) 2,4-Dimethylphenol	7.77	122	404179	55.29	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	532636	50.61	ng	# 88
29) 2,4-Dichlorophenol	7.97	162	370890	54.40	ng	94
30) 1,2,4-Trichlorobenzene	8.04	180	345454	47.02	ng	96
31) Naphthalene	8.12	128	1204460	50.04	ng	99
32) Benzoic acid	7.87	122	26701	12.65	ng	# 1
33) 4-Chloroaniline	8.18	127	207309	21.96	ng	96
34) Hexachlorobutadiene	8.24	225	190499	47.13	ng	99
35) Caprolactam	8.52	113	251480	117.27	ng	# 1
36) 4-Chloro-3-methylphenol	8.68	107	373013	52.48	ng	89
37) 2-Methylnaphthalene	8.82	142	909305	58.83	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	302243	44.71	ng	98
40) Hexachlorocyclopentadiene	8.97	237	142571	46.75	ng	98

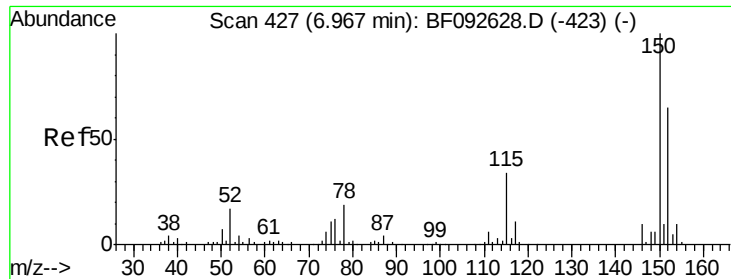
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	231239	52.06	ng	91
43) 2,4,5-Trichlorophenol	9.15	196	227293	46.70	ng	93
45) 1,1'-Biphenyl	9.28	154	899003	51.56	ng	98
46) 2-Chloronaphthalene	9.30	162	649857	47.64	ng	94
47) 2-Nitroaniline	9.40	65	240831	52.51	ng	95
48) Acenaphthylene	9.71	152	1092351	46.36	ng	99
49) Dimethylphthalate	9.58	163	904897	55.79	ng	99
50) 2,6-Dinitrotoluene	9.65	165	195112	55.70	ng	# 76
51) Acenaphthene	9.88	154	631669	44.84	ng	96
52) 3-Nitroaniline	9.81	138	119514	29.81	ng	95
53) 2,4-Dinitrophenol	9.94	184	28720	19.90	ng	# 48
54) Dibenzofuran	10.05	168	930605	49.38	ng	98
55) 4-Nitrophenol	10.01	139	228777	79.24	ng	# 80
56) 2,4-Dinitrotoluene	10.05	165	218000	46.75	ng	# 83
57) Fluorene	10.40	166	747451	51.56	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	182954	56.35	ng	# 95
59) Diethylphthalate	10.27	149	808621	52.90	ng	100
60) 4-Chlorophenyl-phenylether	10.38	204	332838	47.79	ng	97
61) 4-Nitroaniline	10.43	138	193128	47.04	ng	93
62) Azobenzene	10.54	77	995471	63.04	ng	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	81620	31.33	ng	# 28
65) n-Nitrosodiphenylamine	10.51	169	707593	50.12	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	219136	47.46	ng	97
67) Hexachlorobenzene	10.94	284	200802	44.01	ng	# 74
68) Atrazine	11.04	200	224672	49.59	ng	99
69) Pentachlorophenol	11.15	266	169613	72.73	ng	98
70) Phenanthrene	11.36	178	1068494	42.20	ng	98
71) Anthracene	11.41	178	1250146	49.17	ng	98
72) Carbazole	11.57	167	1128399	46.43	ng	98
73) Di-n-butylphthalate	11.89	149	1341902	51.05	ng	# 97
74) Fluoranthene	12.54	202	1089851	41.73	ng	99
76) Benzidine	12.67	184	355485	24.71	ng	96
77) Pyrene	12.77	202	1090290	43.15	ng	99
79) Butylbenzylphthalate	13.39	149	550530	53.65	ng	84
80) Benzo(a)anthracene	13.96	228	886162	42.91	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	237981	32.33	ng	# 97
82) Chrysene	14.00	228	803704	41.57	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	723181	51.53	ng	# 94
84) Di-n-octyl phthalate	14.56	149	1102751	48.26	ng	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	803374	53.64	ng	# 94
87) Benzo(b)fluoranthene	15.03	252	1513444	86.02	ng	# 95
88) Benzo(k)fluoranthene	15.03	252	1513444	99.63	ng	# 96
89) Benzo(a)pyrene	15.35	252	733580	48.20	ng	97
90) Dibenzo(a,h)anthracene	16.80	278	661128	53.75	ng	# 94
91) Benzo(g,h,i)perylene	17.22	276	714739	57.52	ng	# 94

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

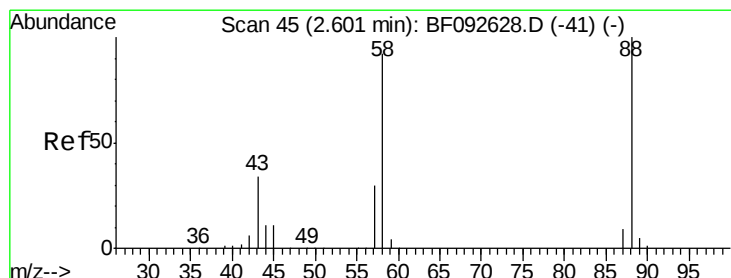
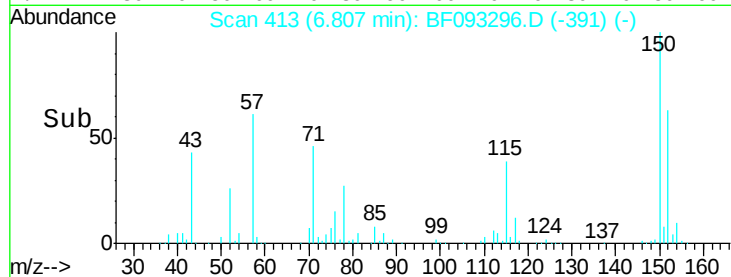
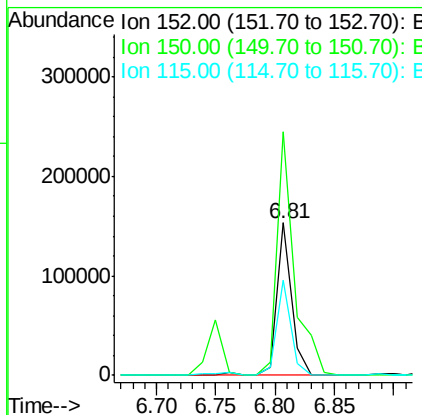
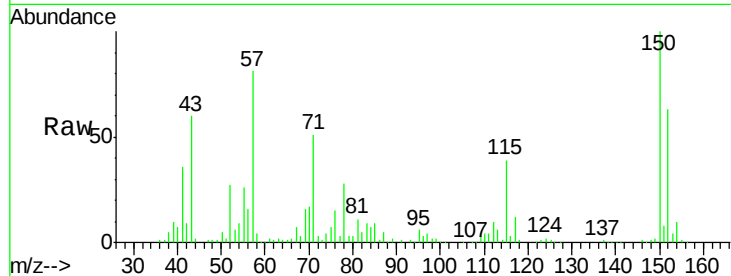


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MSD

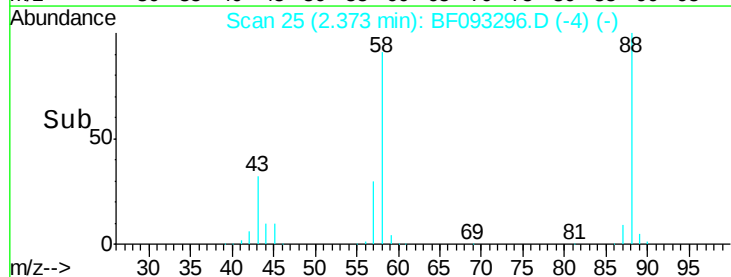
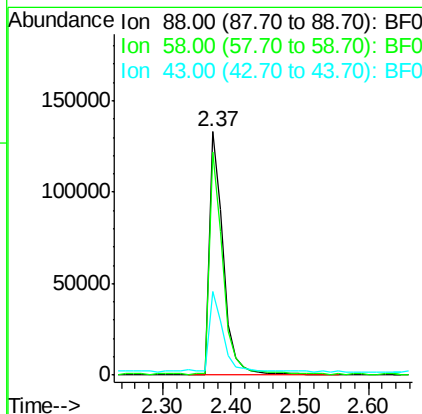
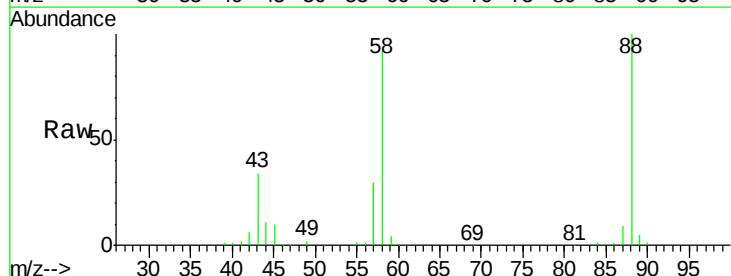
Tgt Ion:152 Resp: 133577
Ion Ratio Lower Upper
152 100
150 159.8 124.9 187.3
115 62.2 46.0 69.0

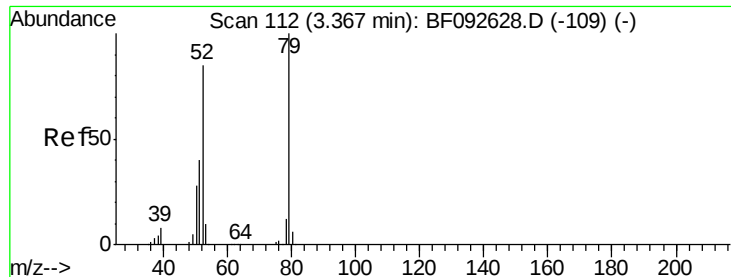


#2

1,4-Dioxane
Concen: 45.12 ng
RT: 2.37 min Scan# 25
Delta R.T. -0.06 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Tgt Ion: 88 Resp: 189805
Ion Ratio Lower Upper
88 100
58 88.1 57.8 86.8#
43 34.6 22.3 33.5#





#3

Pyridine

Concen: 51.82 ng

RT: 3.08 min Scan# 87

Delta R.T. -0.07 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

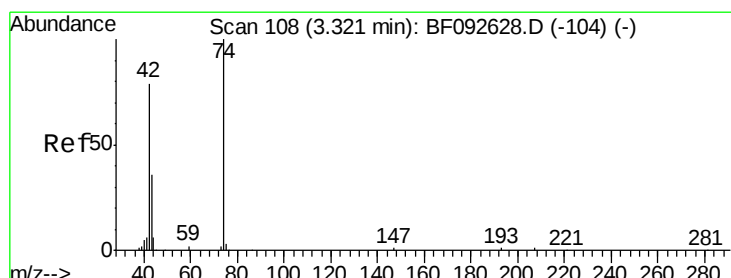
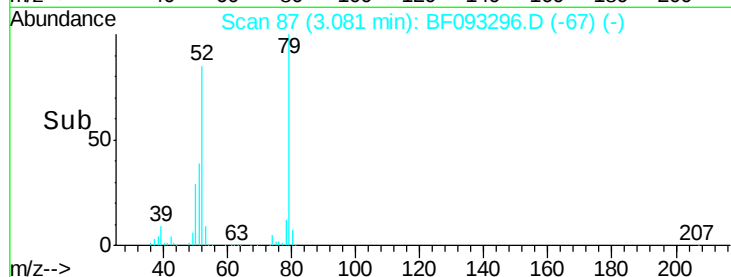
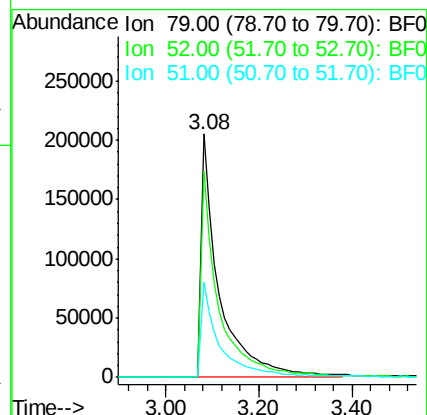
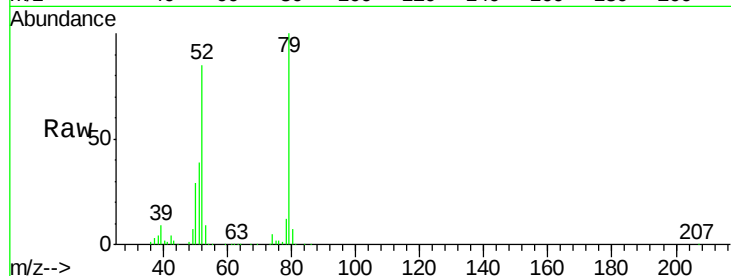
Tgt Ion: 79 Resp: 554321

Ion Ratio Lower Upper

79 100

52 84.7 57.1 85.7

51 39.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 57.38 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.06 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

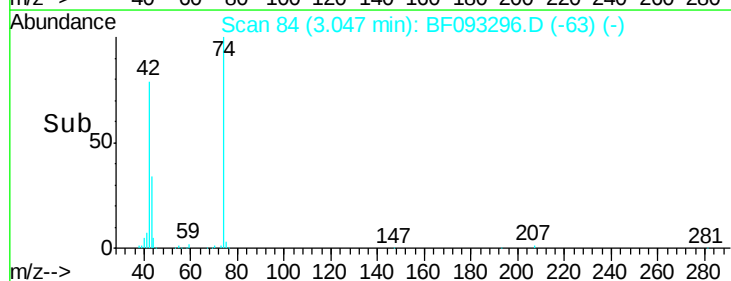
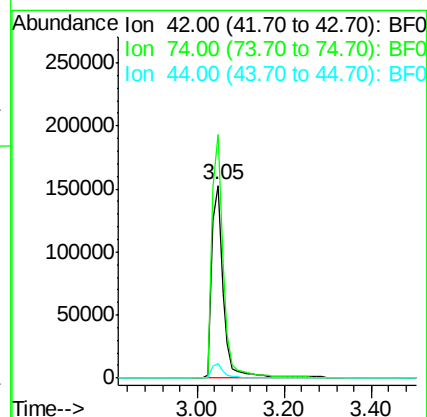
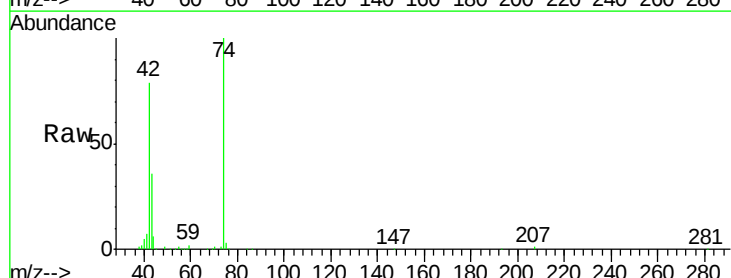
Tgt Ion: 42 Resp: 288209

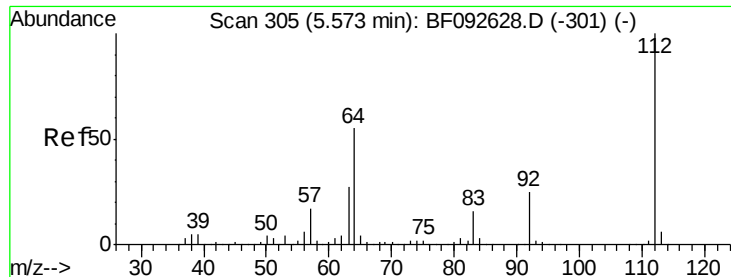
Ion Ratio Lower Upper

42 100

74 126.2 117.0 175.4

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 161.59 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

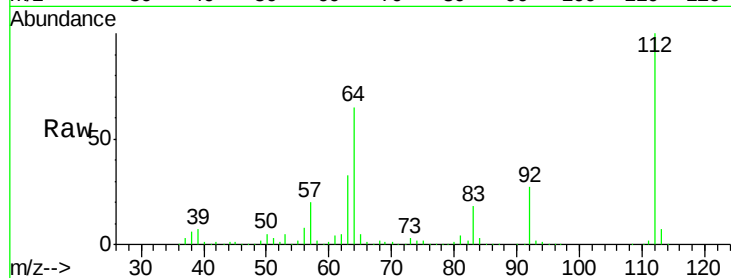
Tgt Ion: 112 Resp: 1258103

Ion Ratio Lower Upper

112 100

64 64.8 46.1 69.1

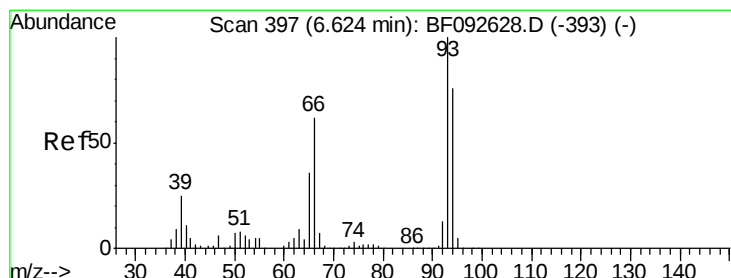
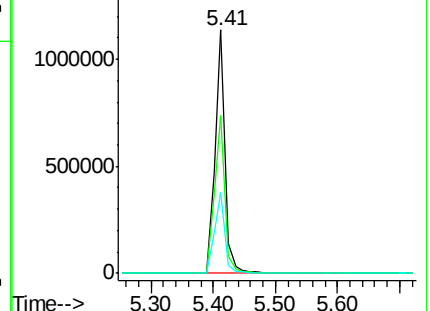
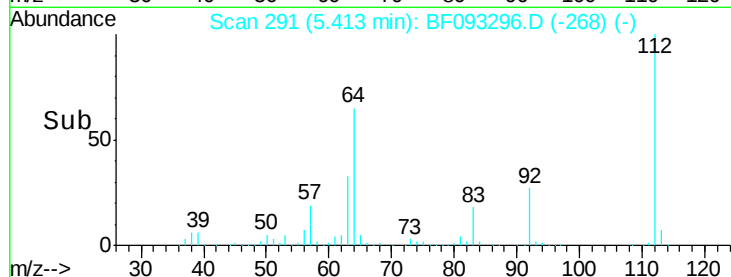
63 33.1 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.97 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

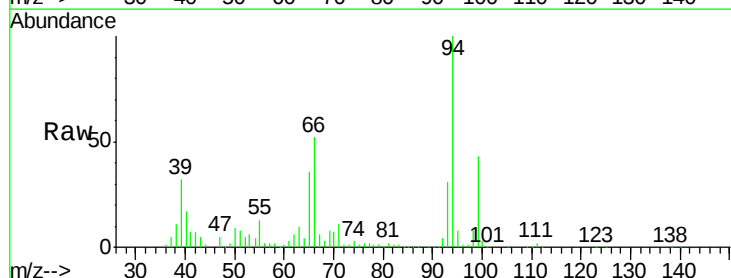
Tgt Ion: 93 Resp: 313917

Ion Ratio Lower Upper

93 100

66 164.2 76.2 114.2#

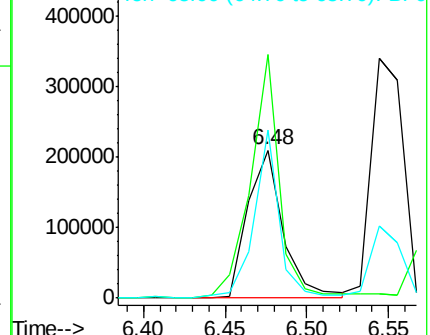
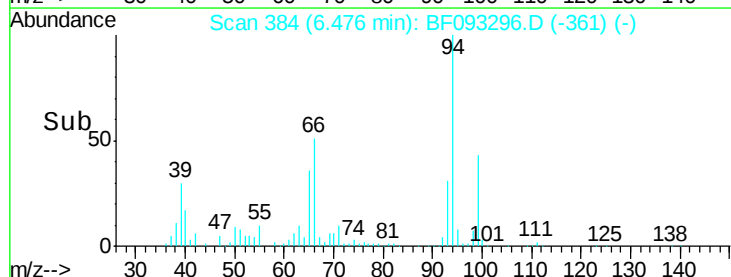
65 113.3 49.3 73.9#

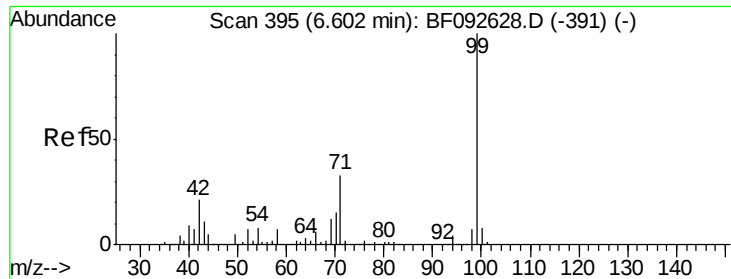


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 144.25 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

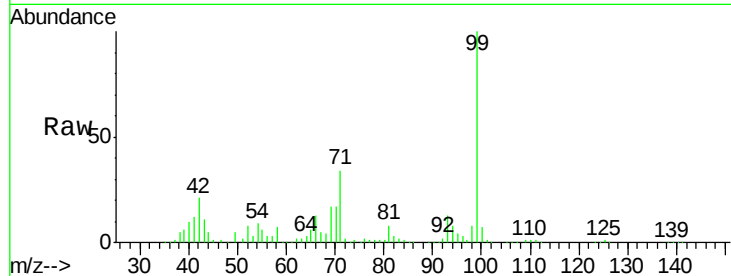
Tgt Ion: 99 Resp: 1445052

Ion Ratio Lower Upper

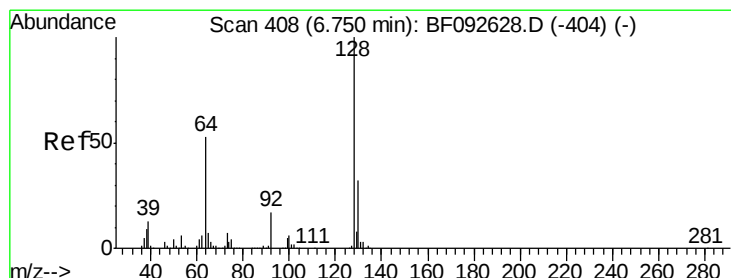
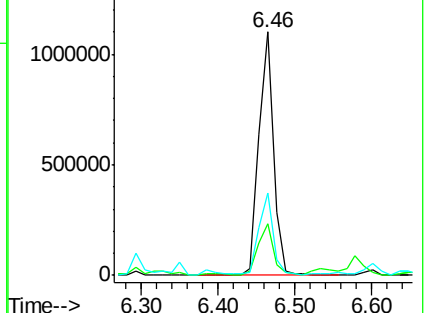
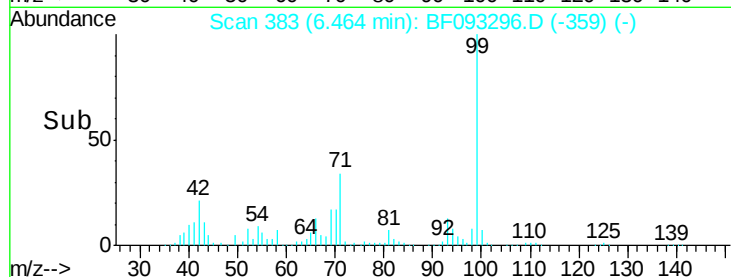
99 100

42 21.2 15.6 23.4

71 33.6 27.5 41.3



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



#8

2-Chlorophenol

Concen: 51.17 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

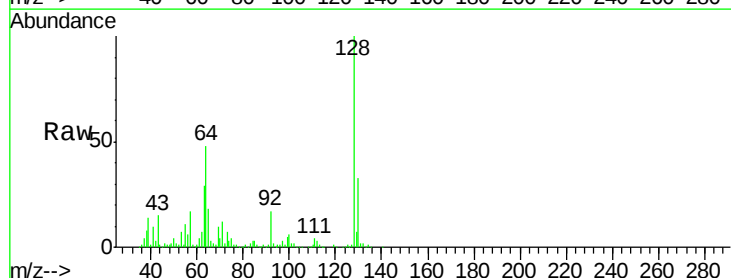
Tgt Ion: 128 Resp: 439531

Ion Ratio Lower Upper

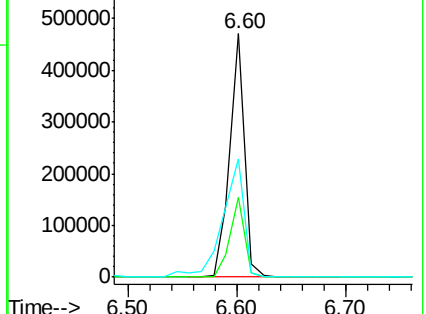
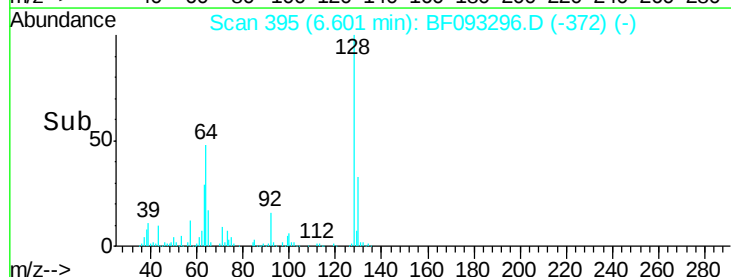
128 100

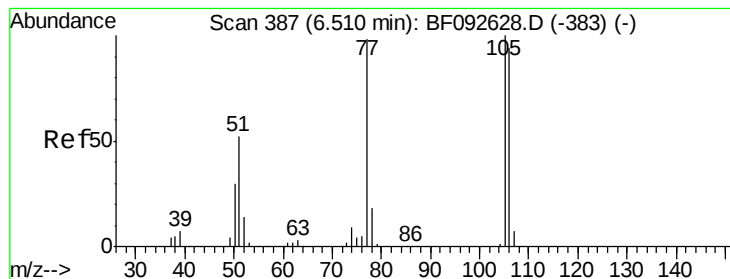
130 32.9 12.3 52.3

64 48.5 32.2 72.2



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





#9

Benzaldehyde

Concen: 22.89 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

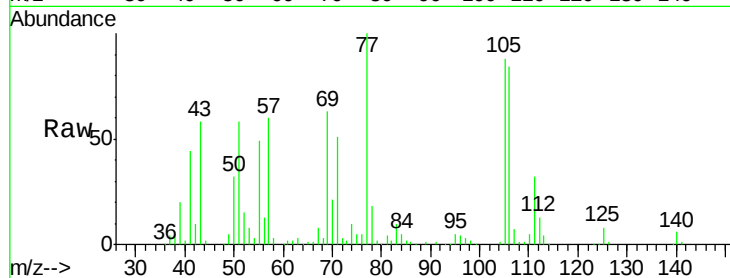
Tgt Ion: 77 Resp: 164262

Ion Ratio Lower Upper

77 100

105 87.5 83.9 123.9

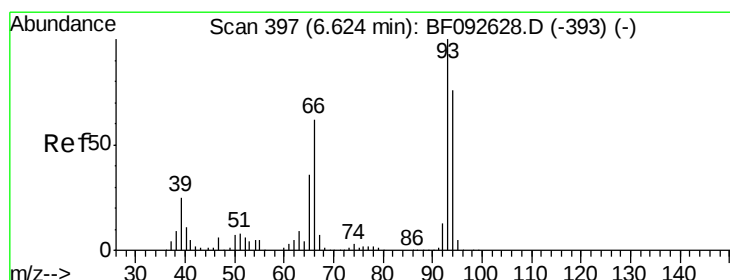
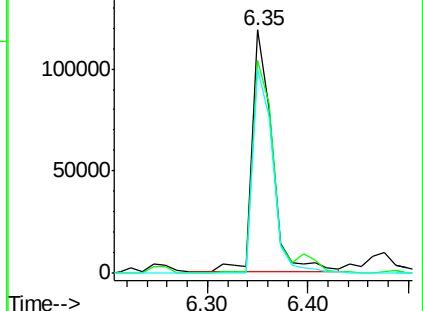
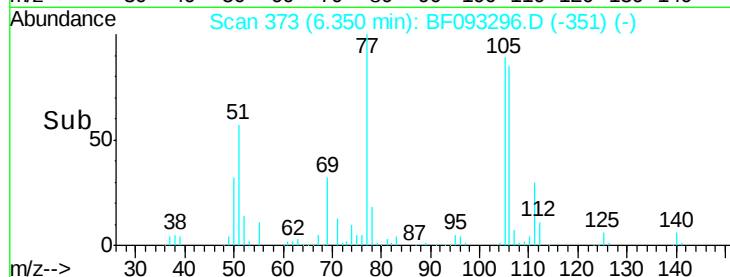
106 83.8 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 53.64 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

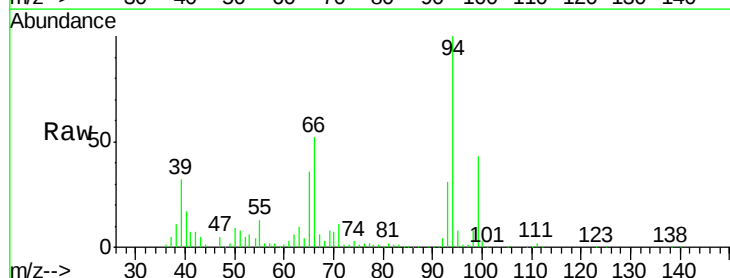
Tgt Ion: 94 Resp: 628725

Ion Ratio Lower Upper

94 100

65 35.6 21.4 61.4

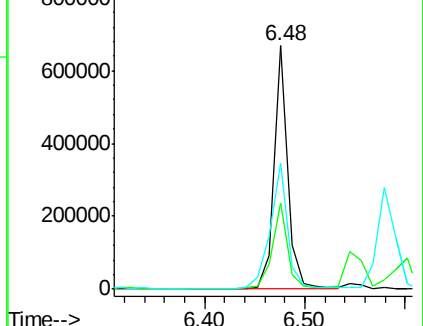
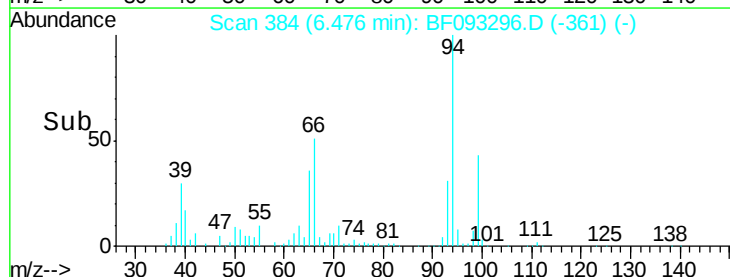
66 51.6 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

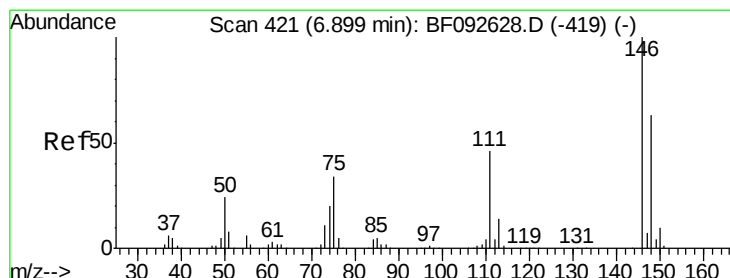
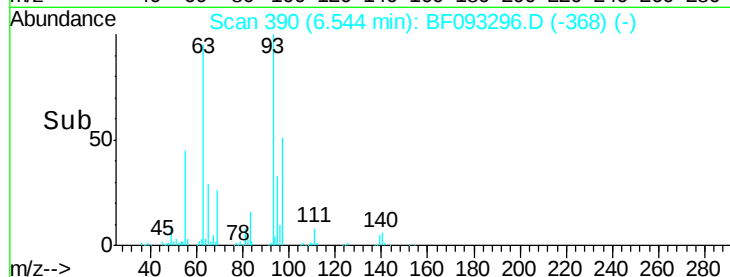
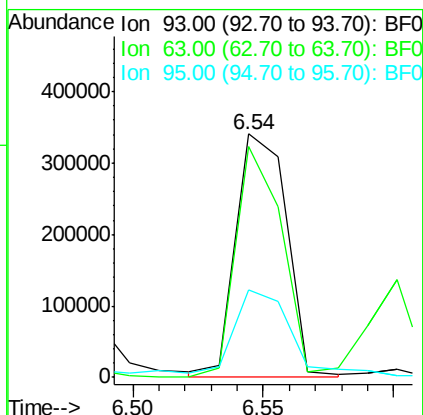
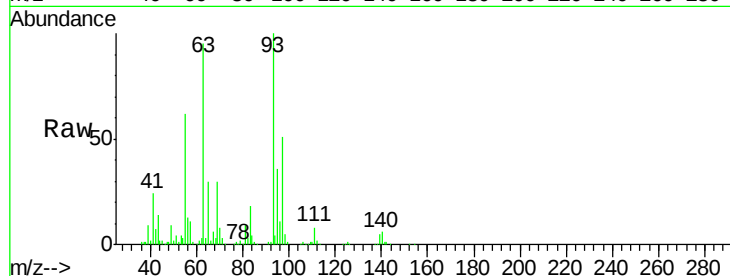




#11
bis(2-Chloroethyl)ether
Concen: 49.46 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

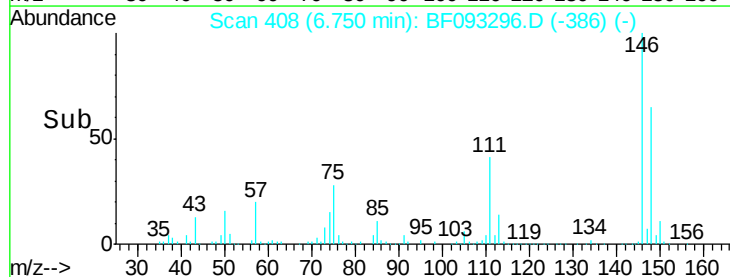
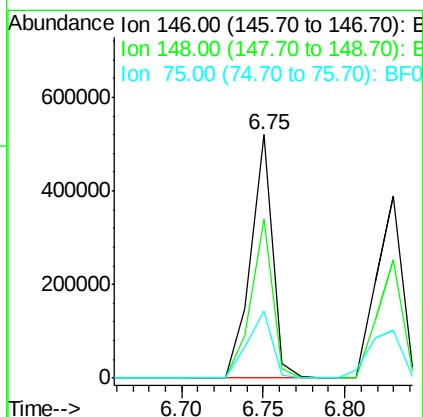
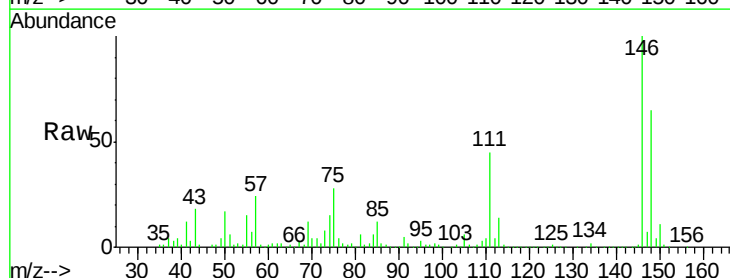
Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MSD

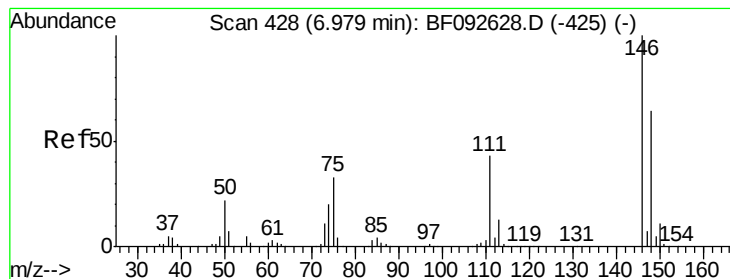
Tgt Ion: 93 Resp: 462691
Ion Ratio Lower Upper
93 100
63 94.7 60.4 100.4
95 35.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 47.92 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Tgt Ion: 146 Resp: 482087
Ion Ratio Lower Upper
146 100
148 65.2 53.4 80.0
75 27.6 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 42.36 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

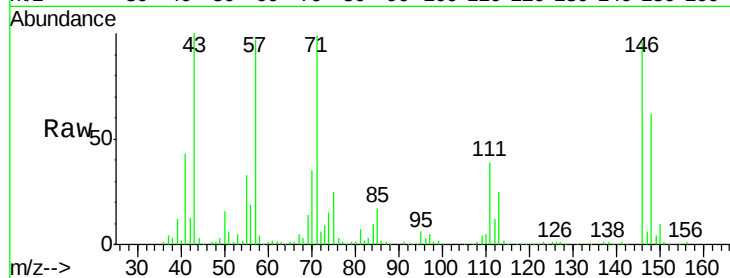
Tgt Ion:146 Resp: 431333

Ion Ratio Lower Upper

146 100

148 64.6 50.6 76.0

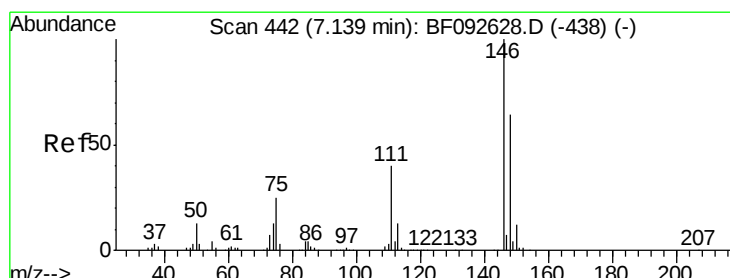
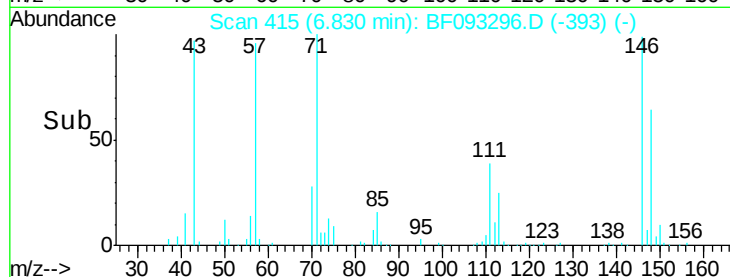
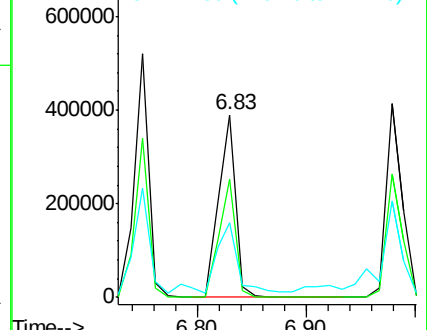
111 41.1 36.2 54.4



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: 44.01 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

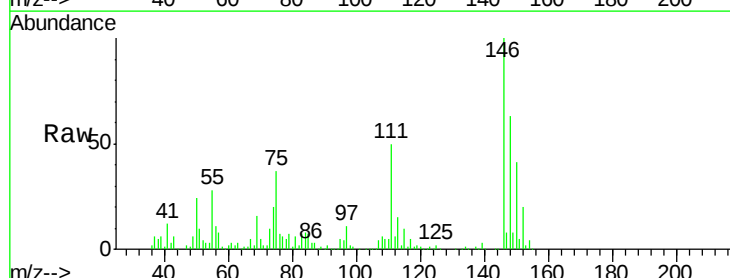
Tgt Ion:146 Resp: 428494

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

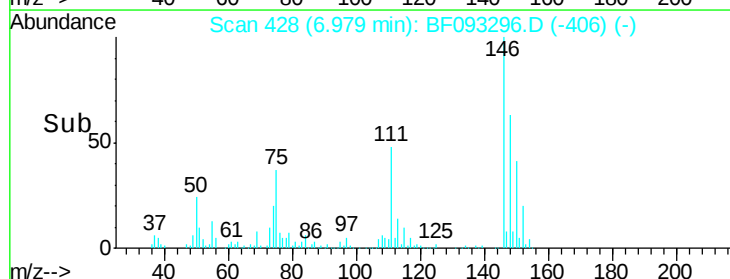
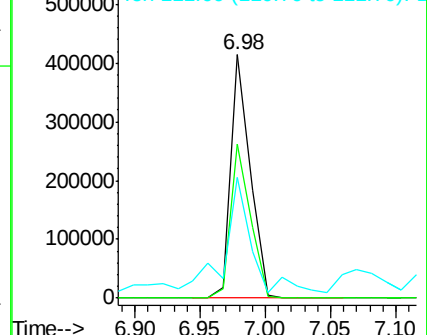
111 49.8 36.2 54.2

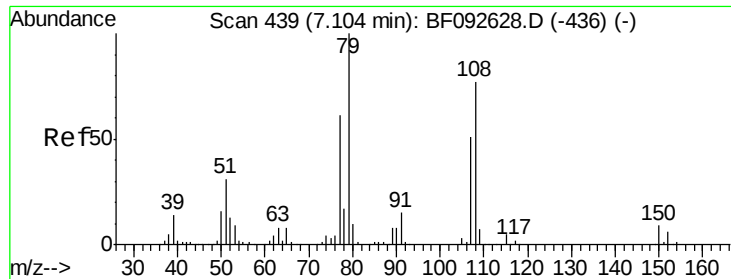


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

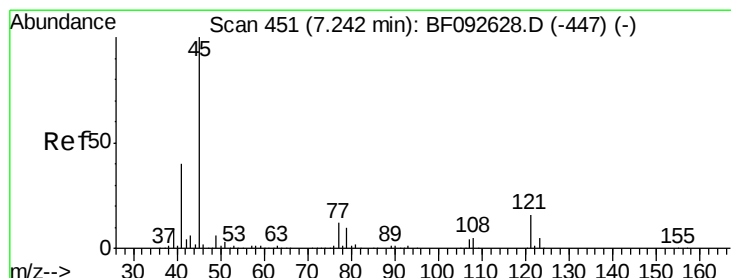
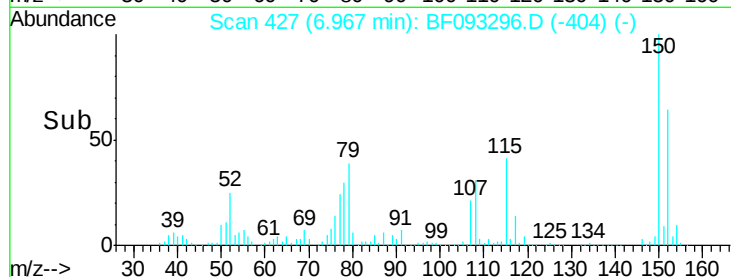
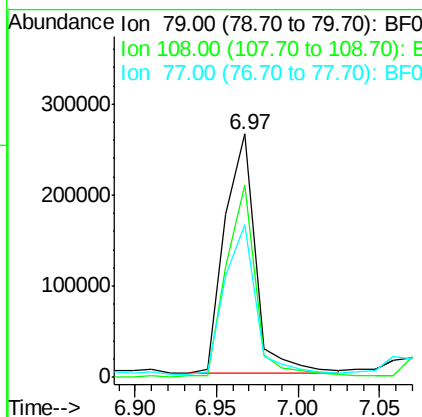
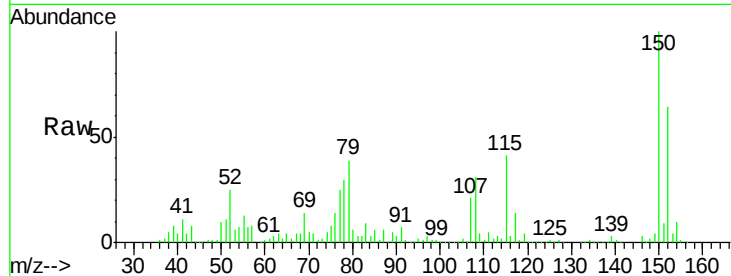




#15
Benzyl Alcohol
Concen: 46.11 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

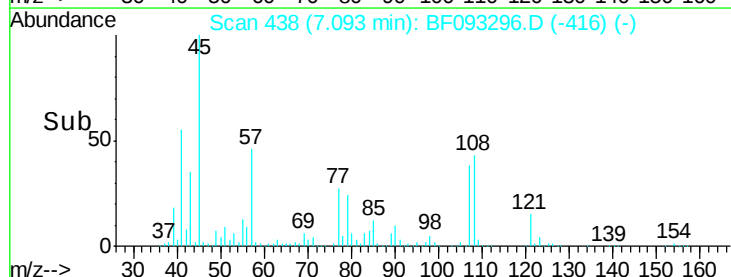
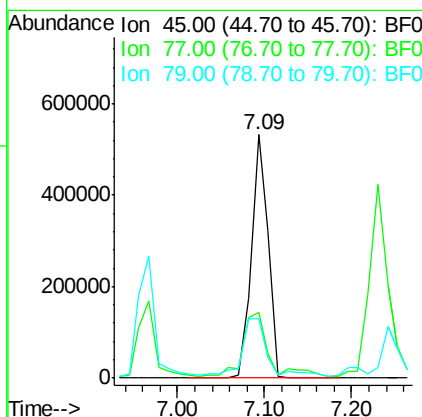
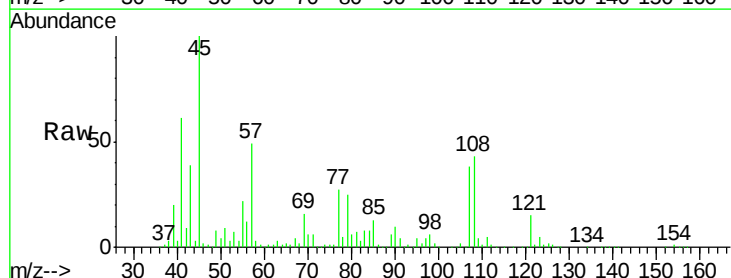
Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MSD

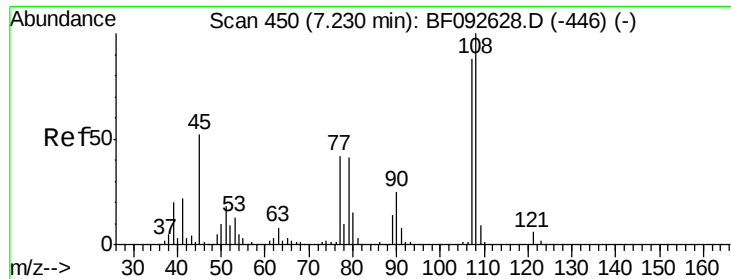
Tgt Ion: 79 Resp: 342008
Ion Ratio Lower Upper
79 100
108 79.0 61.4 92.0
77 62.9 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.09 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Tgt Ion: 45 Resp: 716614
Ion Ratio Lower Upper
45 100
77 27.0 0.0 34.6
79 24.6 0.0 31.2

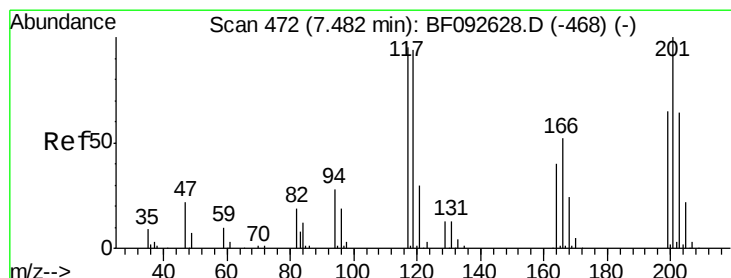
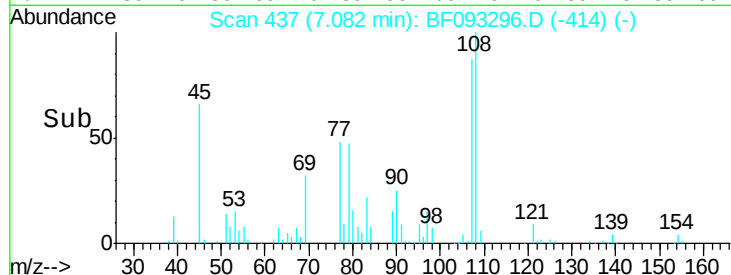
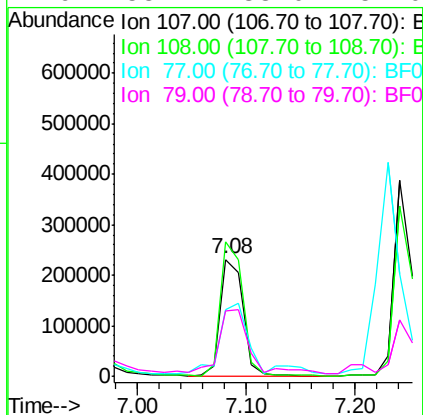
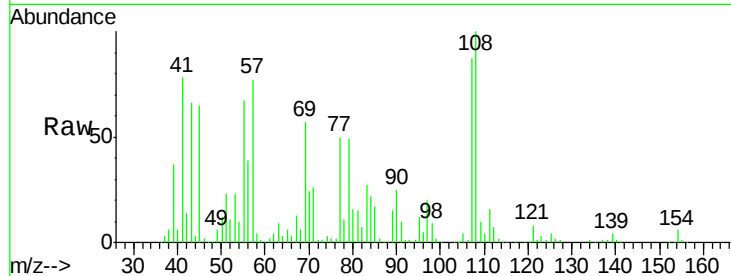




#17
2-Methylphenol
Concen: 45.30 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.03 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

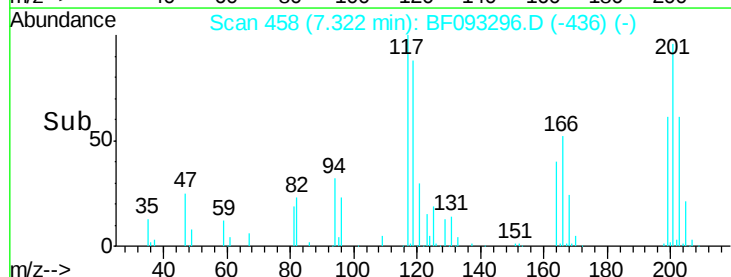
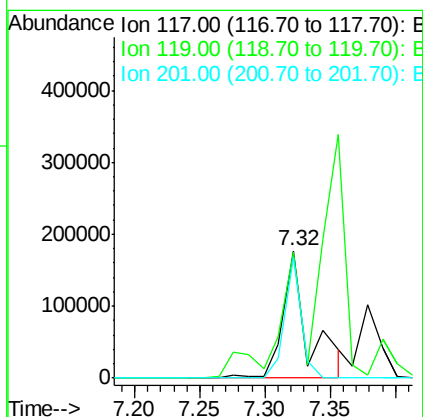
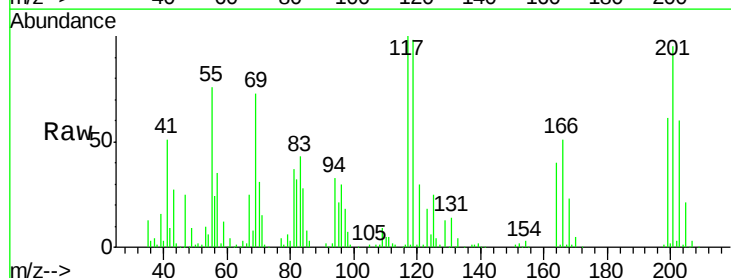
Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MSD

Tgt Ion:	107	Resp:	333847
Ion	Ratio	Lower	Upper
107	100		
108	114.8	93.0	139.6
77	57.1	39.8	59.8
79	55.7	38.0	57.0



#18
Hexachloroethane
Concen: 70.56 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Tgt Ion:	117	Resp:	245283
Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.1	117.1
201	94.9	78.6	117.8

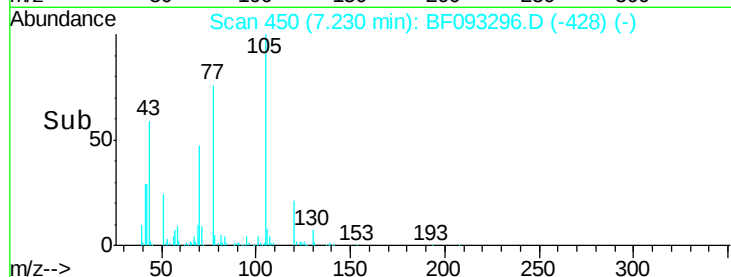
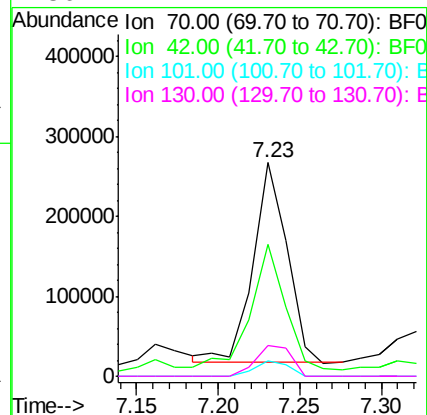
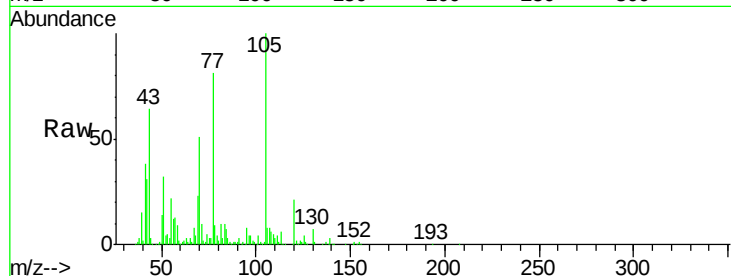




#19
n-Nitroso-di-n-propylamine
Concen: 56.49 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

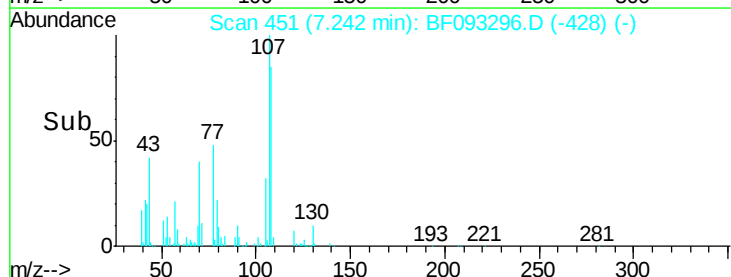
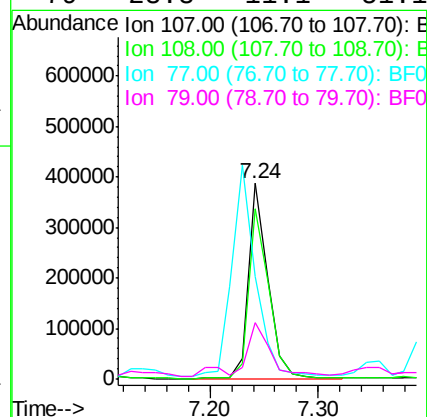
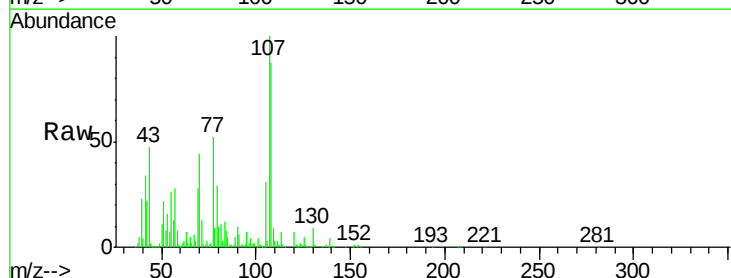
Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MSD

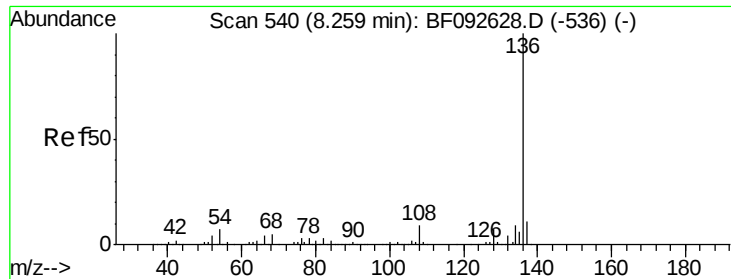
Tgt Ion: 70 Resp: 360219
Ion Ratio Lower Upper
70 100
42 61.5 49.4 74.0
101 7.0 7.4 11.2#
130 14.1 14.2 21.4#



#20
3+4-Methylphenols
Concen: 53.83 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Tgt Ion: 107 Resp: 474272
Ion Ratio Lower Upper
107 100
108 87.3 73.0 113.0
77 52.1 71.3 111.3#
79 28.8 11.1 51.1

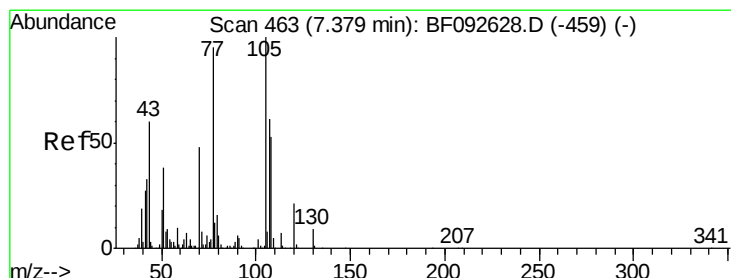
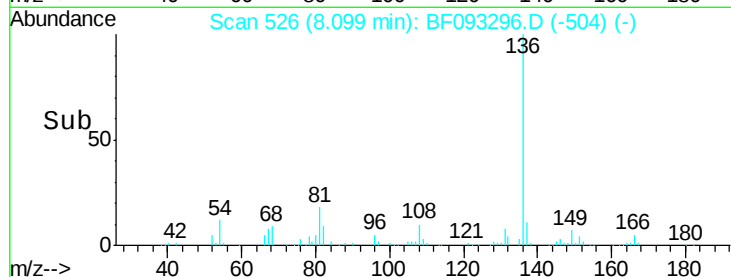
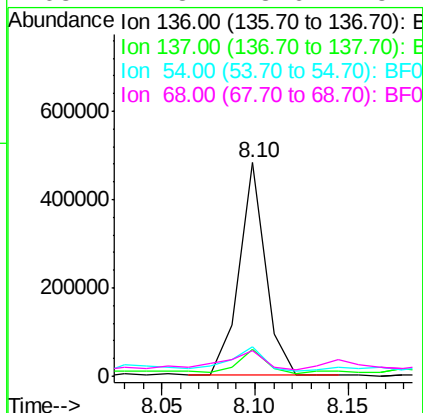
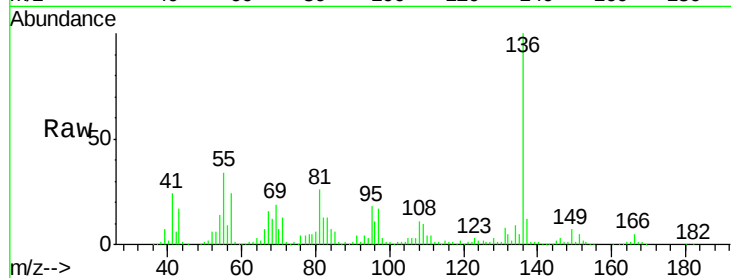




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

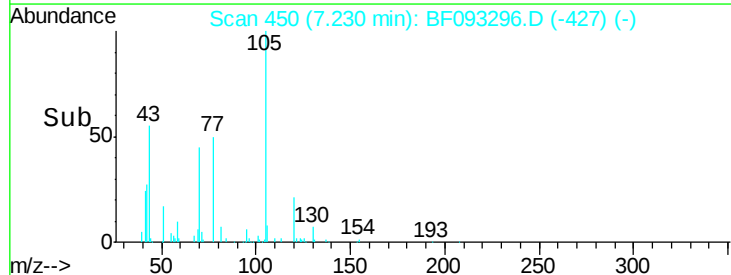
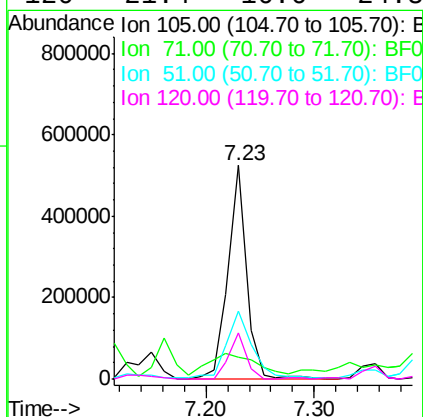
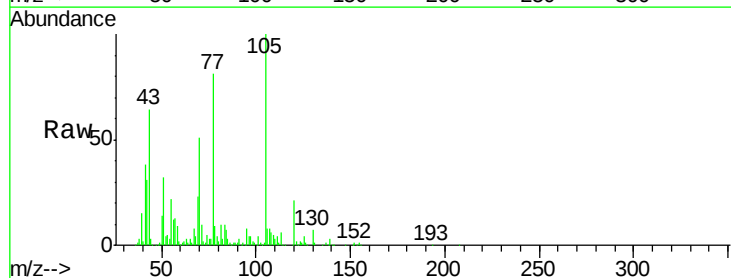
Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MSD

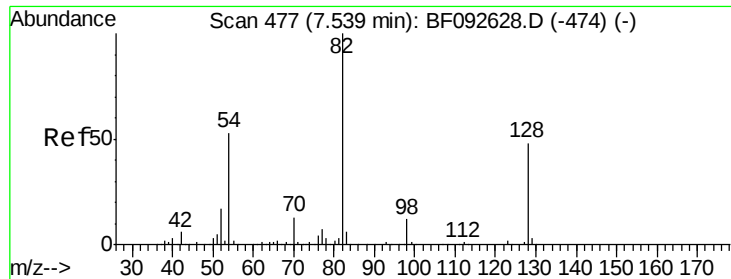
Tgt Ion:	136	Resp:	474853
Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.4	12.6
54	13.7	4.5	6.7#
68	11.8	3.6	5.4#



#22
Acetophenone
Concen: 56.87 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Tgt Ion:	105	Resp:	616525
Ion	Ratio	Lower	Upper
105	100		
71	10.5	3.2	4.8#
51	31.7	26.2	39.4
120	21.4	16.6	24.8

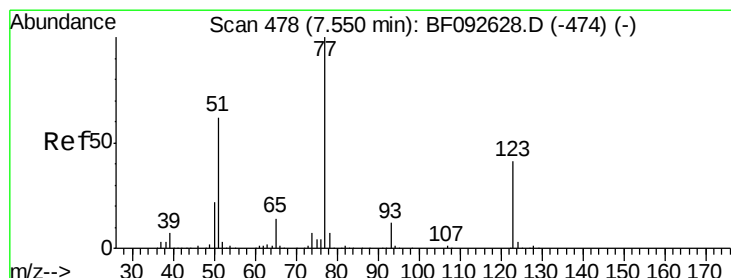
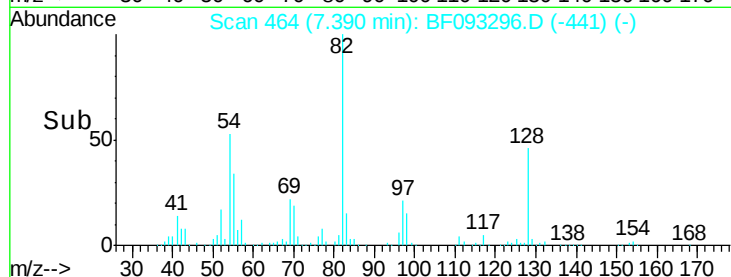
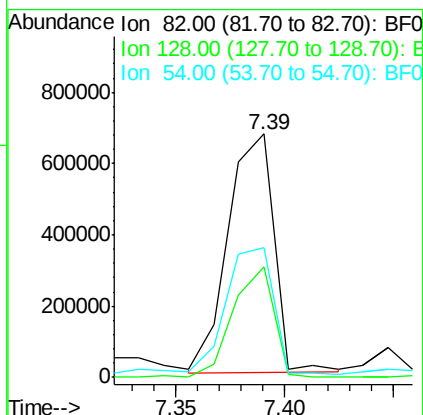
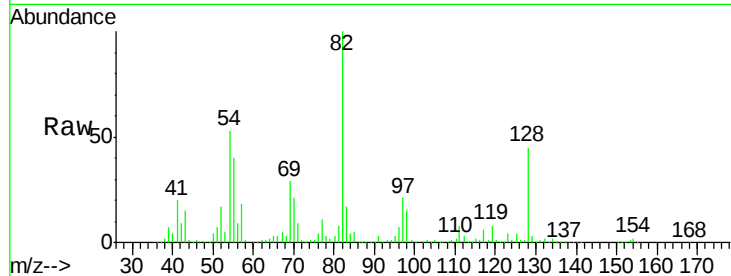




#23
Nitrobenzene-d5
Concen: 114.93 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.03 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

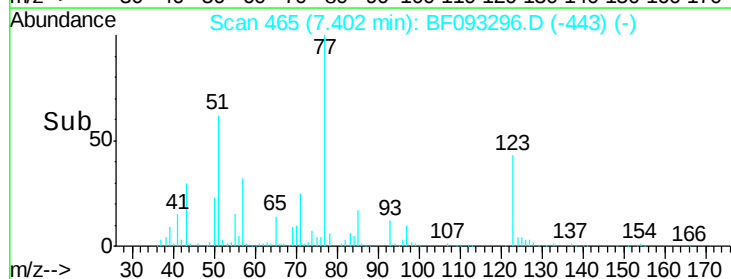
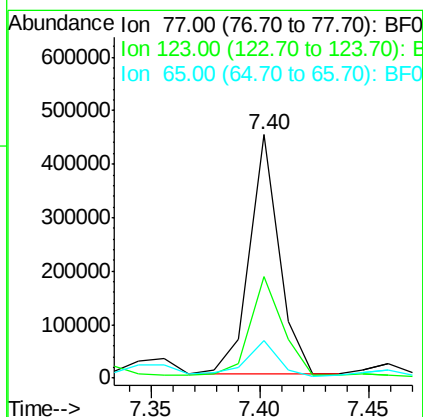
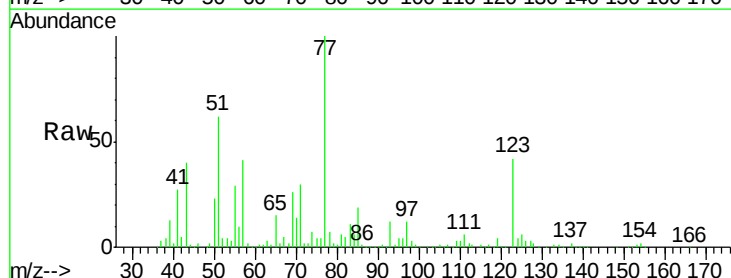
Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MSD

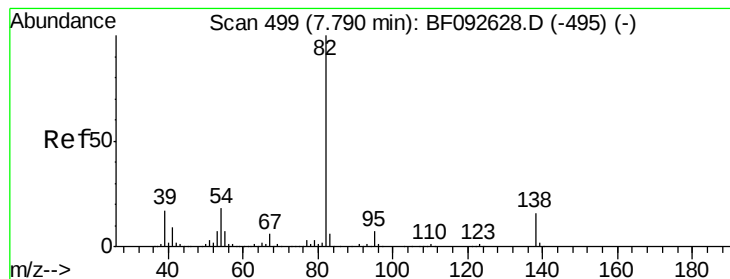
Tgt Ion: 82 Resp: 979991
Ion Ratio Lower Upper
82 100
128 45.5 34.6 52.0
54 53.2 39.5 59.3



#24
Nitrobenzene
Concen: 48.47 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Tgt Ion: 77 Resp: 424365
Ion Ratio Lower Upper
77 100
123 41.8 33.0 49.4
65 15.2 11.2 16.8





#25

Isophorone

Concen: 60.96 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

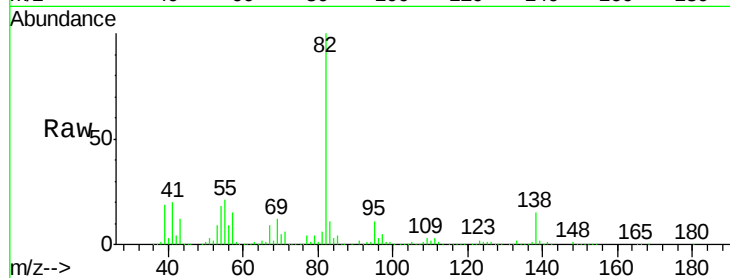
Tgt Ion: 82 Resp: 968660

Ion Ratio Lower Upper

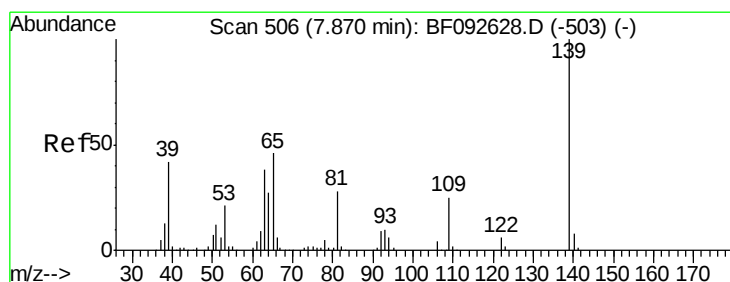
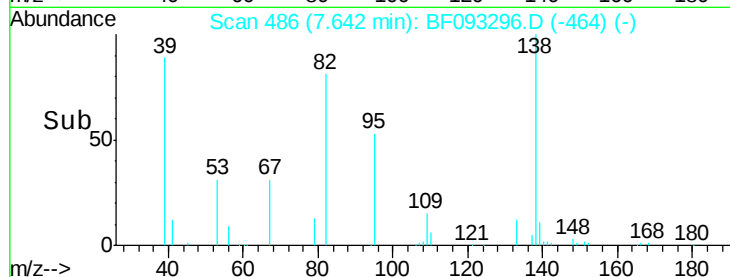
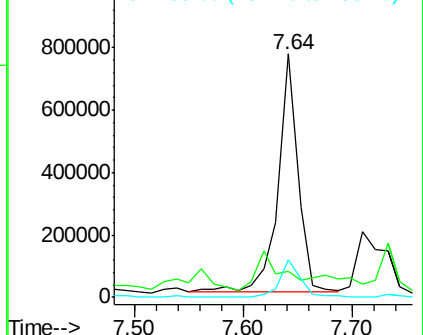
82 100

95 10.7 5.6 8.4#

138 15.4 14.6 22.0



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: 56.20 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

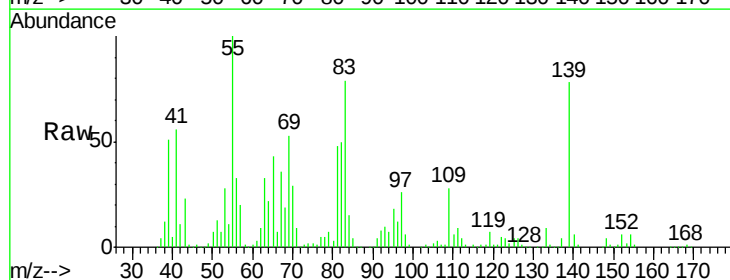
Tgt Ion: 139 Resp: 233893

Ion Ratio Lower Upper

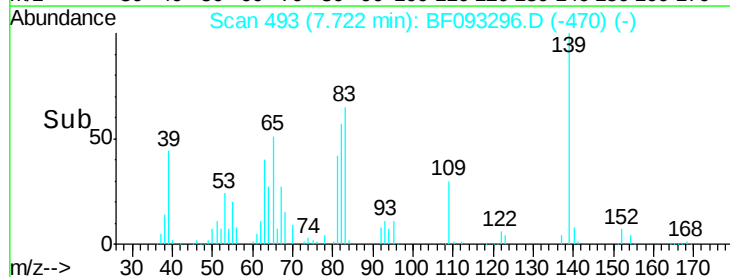
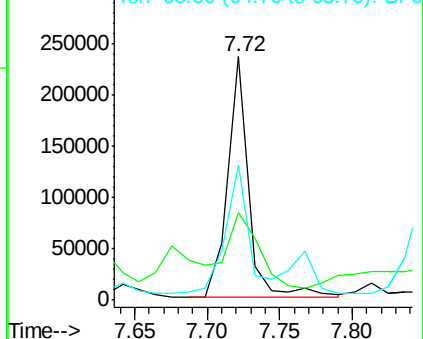
139 100

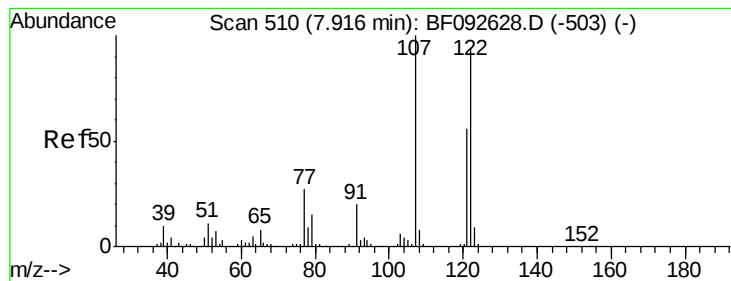
109 36.0 23.3 34.9#

65 55.5 42.7 64.1



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

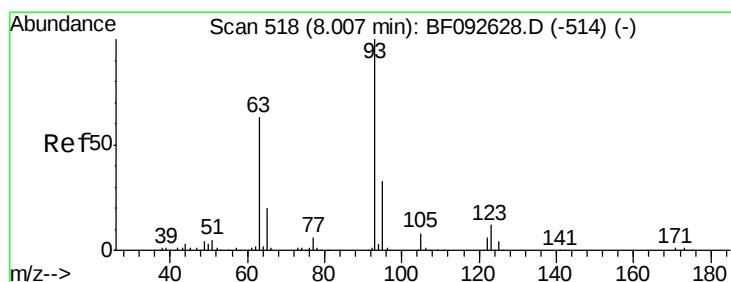
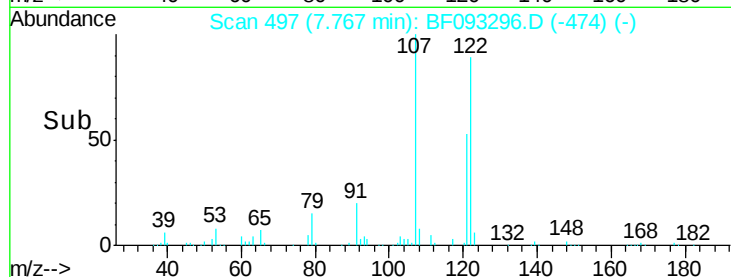
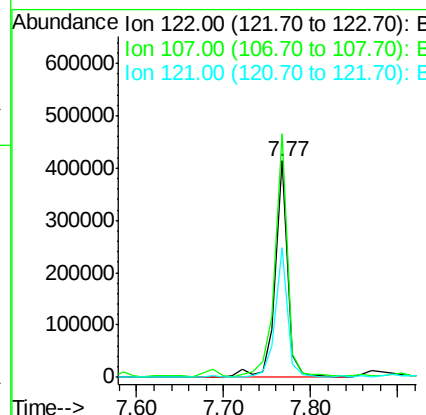
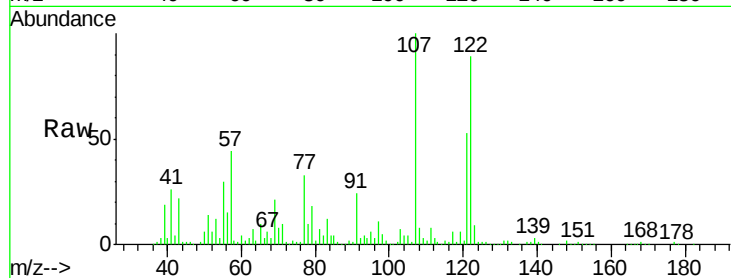




#27
 2,4-Dimethylphenol
 Concen: 55.29 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.03 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

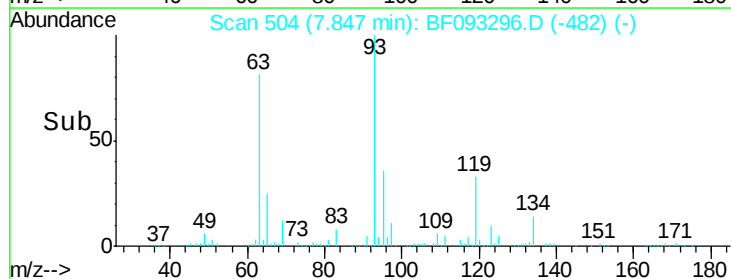
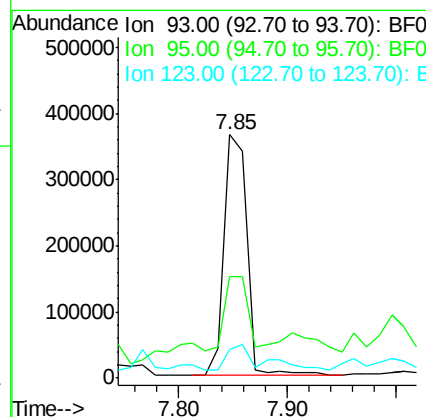
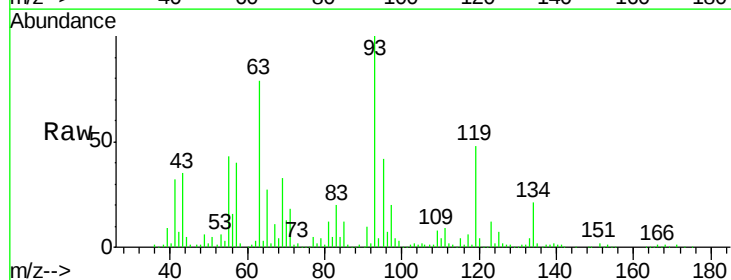
Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MSD

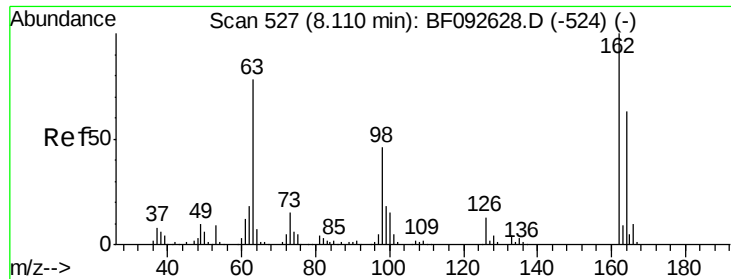
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.6	94.1	141.1
121	59.8	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.61 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.05 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	41.5	26.5	39.7#
123	11.7	8.6	13.0

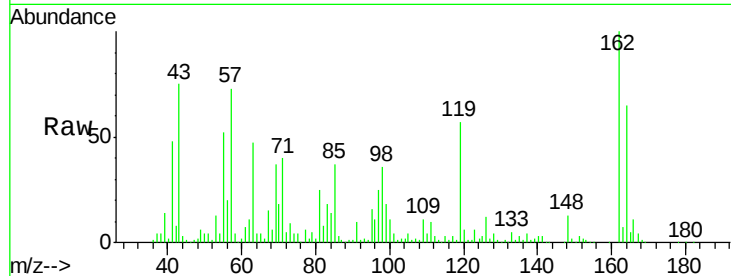




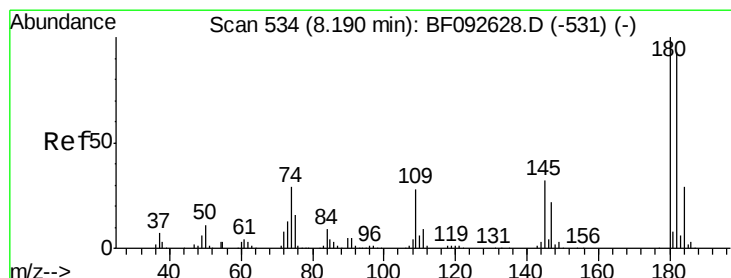
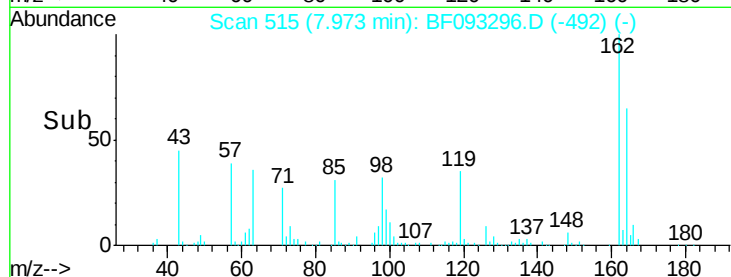
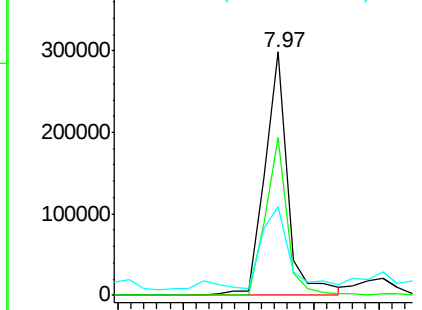
#29
2,4-Dichlorophenol
Concen: 54.40 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.03 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MSD

Tgt Ion:162 Resp: 370890
Ion Ratio Lower Upper
162 100
164 64.8 46.8 86.8
98 36.2 9.1 49.1

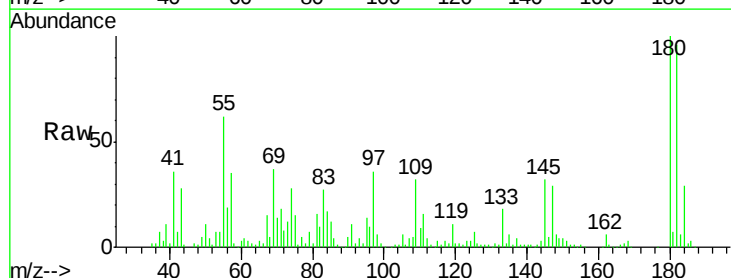


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

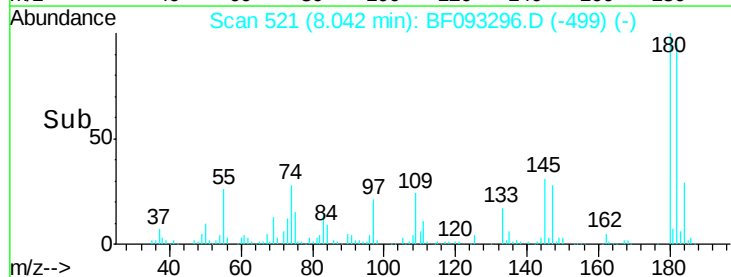
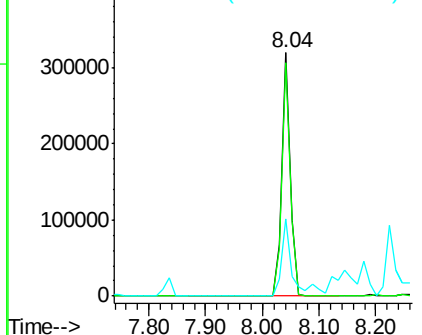


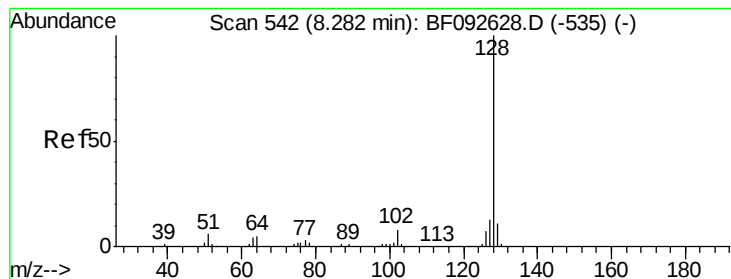
#30
1,2,4-Trichlorobenzene
Concen: 47.02 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Tgt Ion:180 Resp: 345454
Ion Ratio Lower Upper
180 100
182 95.7 78.2 117.4
145 31.7 21.6 32.4



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





#31

Naphthalene

Concen: 50.04 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

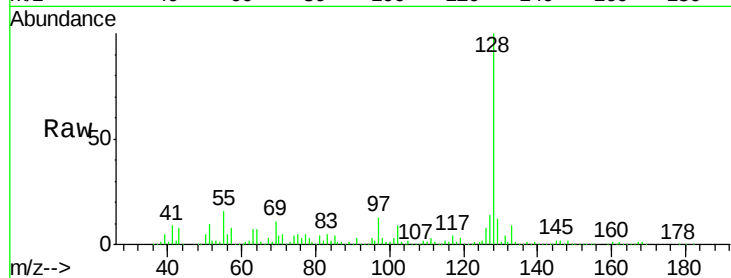
Tgt Ion:128 Resp: 1204460

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

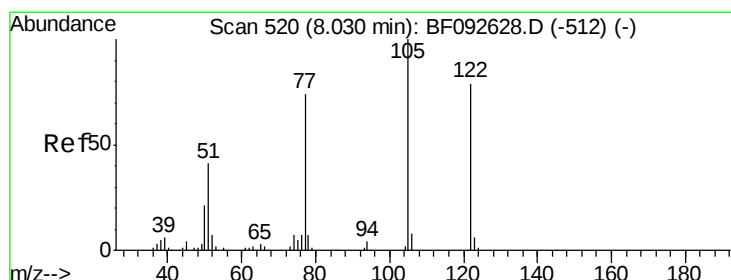
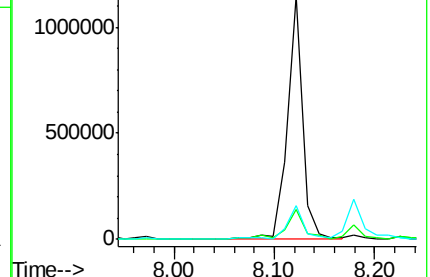
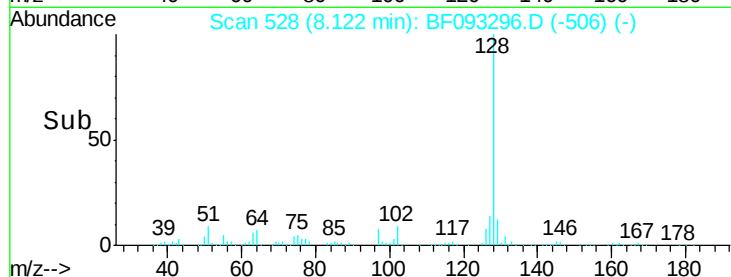
127 13.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.65 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

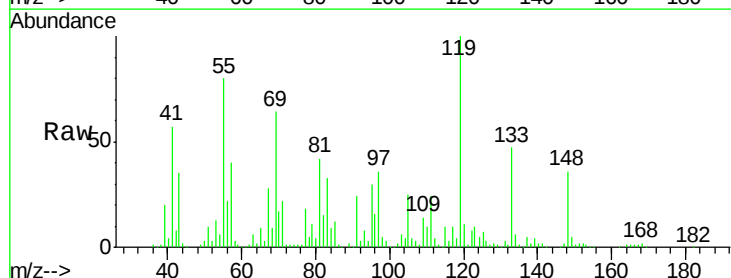
Tgt Ion:122 Resp: 26701

Ion Ratio Lower Upper

122 100

105 318.7 107.2 147.2#

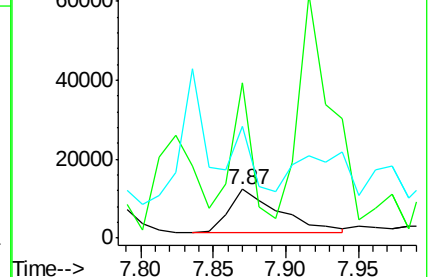
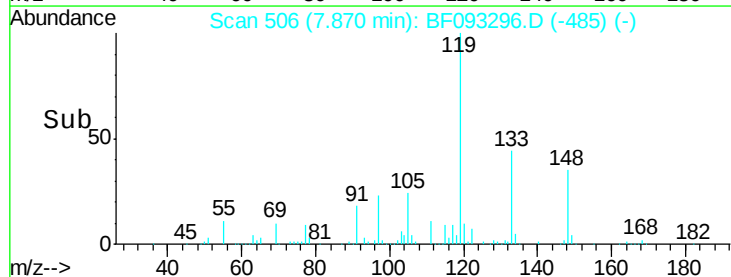
77 229.0 74.5 114.5#

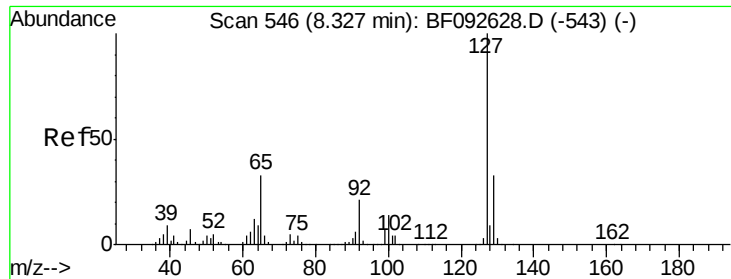


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

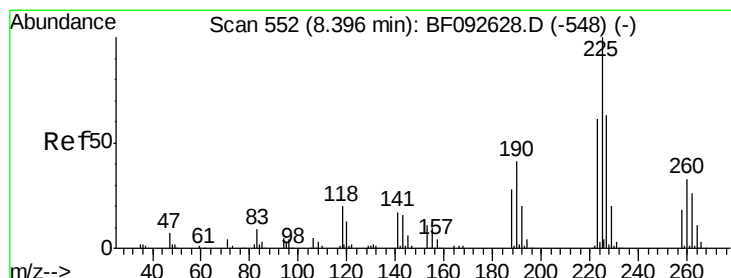
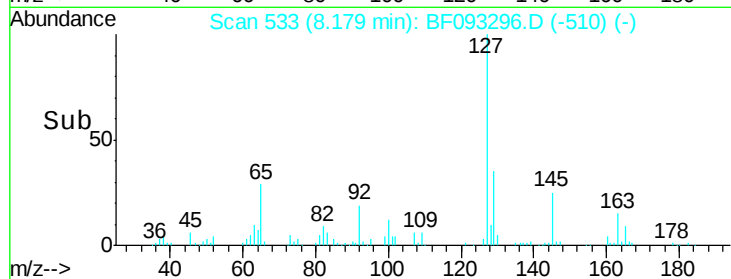
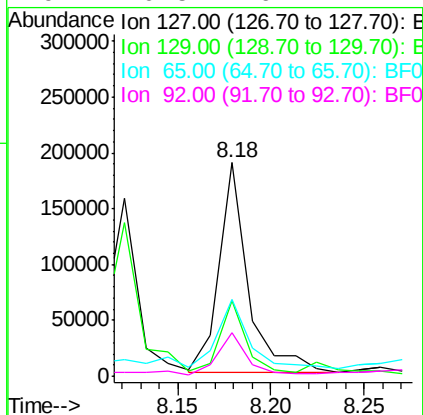
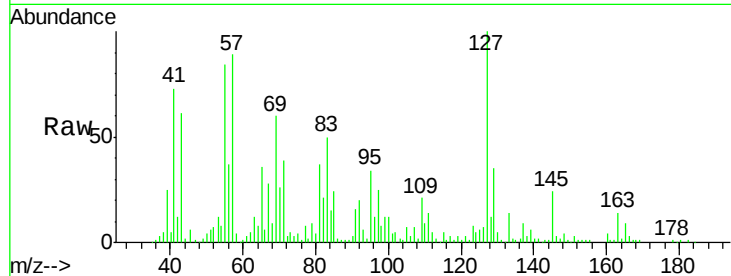




#33
 4-Chloroaniline
 Concen: 21.96 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.03 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

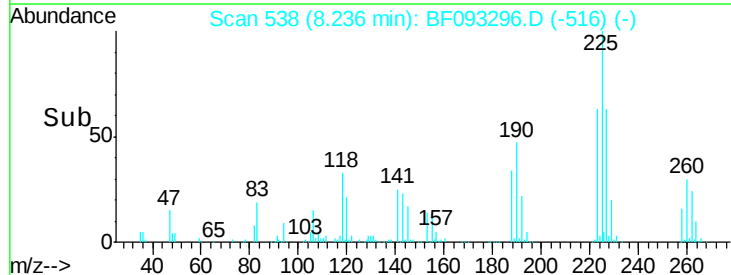
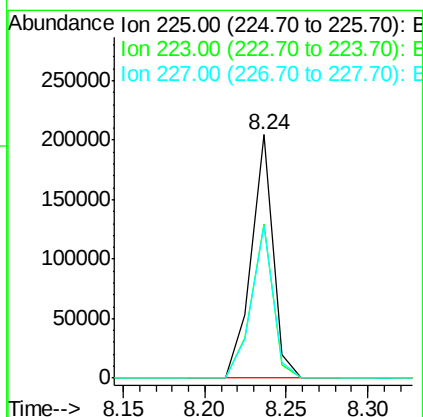
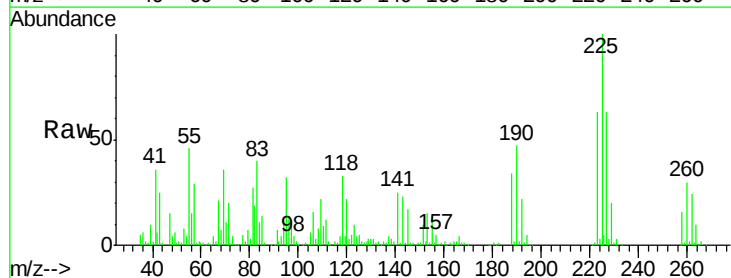
Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MSD

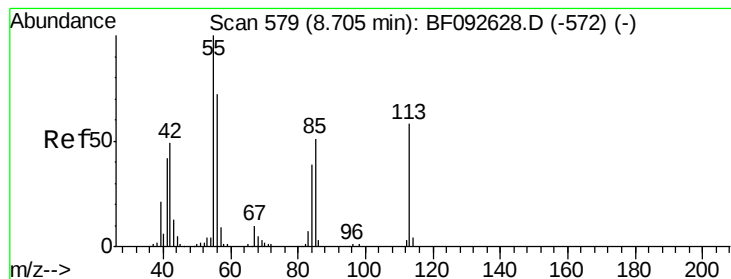
Tgt Ion:	127	Resp:	207309
Ion	Ratio	Lower	Upper
127	100		
129	35.1	26.3	39.5
65	35.7	25.8	38.8
92	20.5	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 47.13 ng
 RT: 8.24 min Scan# 538
 Delta R.T. -0.05 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

Tgt Ion:	225	Resp:	190499
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	62.8	50.6	76.0





#35

Caprolactam

Concen: 117.27 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.07 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

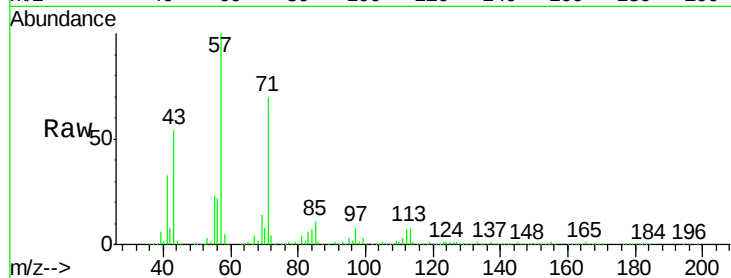
Tgt Ion:113 Resp: 251480

Ion Ratio Lower Upper

113 100

55 269.4 119.2 159.2#

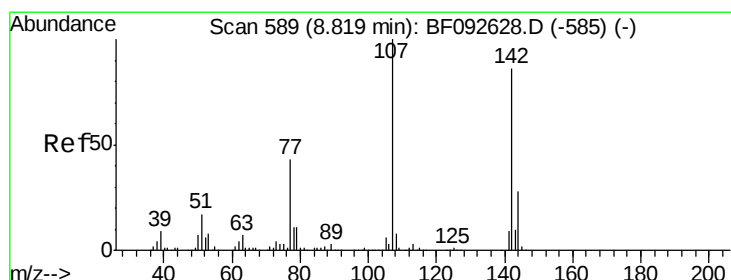
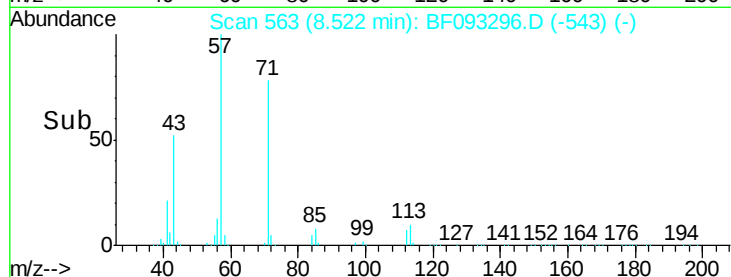
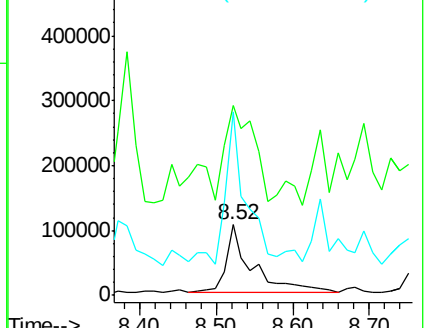
56 259.3 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 52.48 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

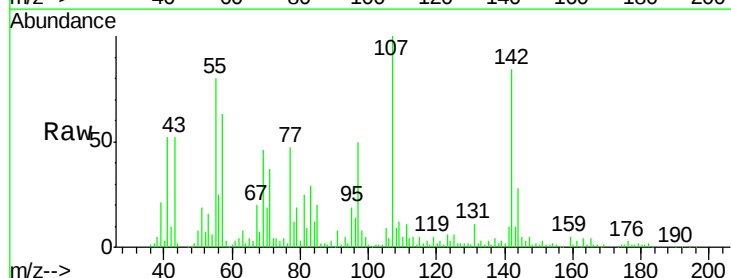
Tgt Ion:107 Resp: 373013

Ion Ratio Lower Upper

107 100

144 28.0 19.3 28.9

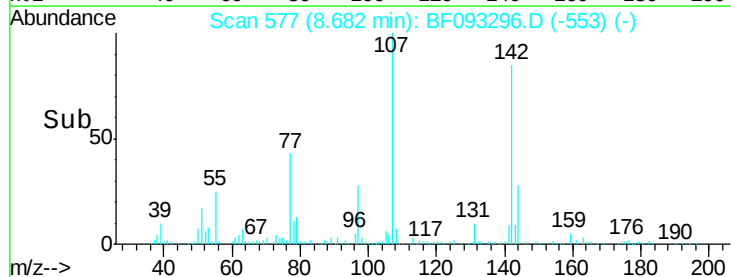
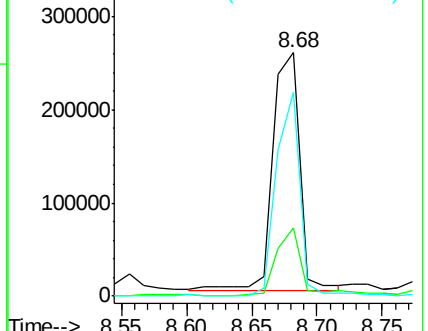
142 83.8 59.0 88.6

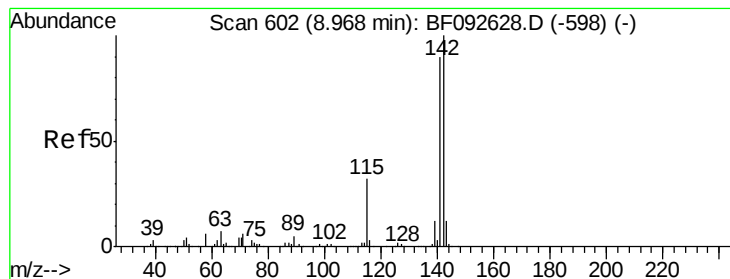


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 58.83 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.03 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

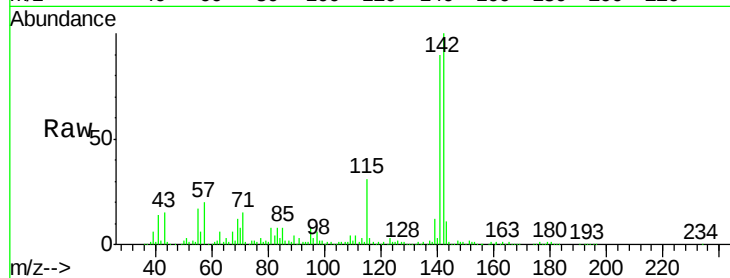
Tgt Ion:142 Resp: 909305

Ion Ratio Lower Upper

142 100

141 90.0 71.0 106.6

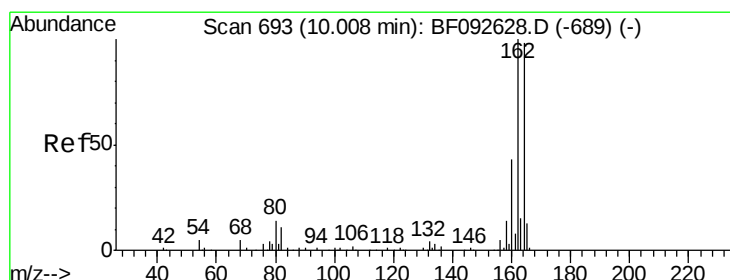
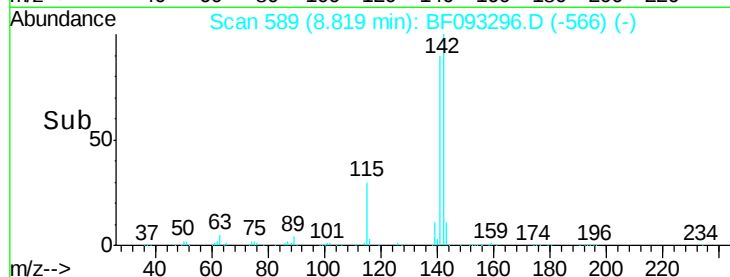
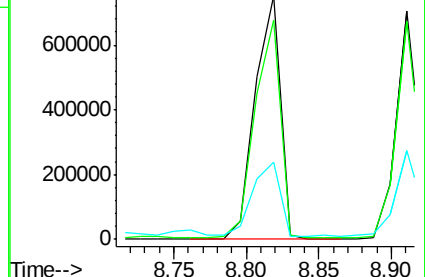
115 31.5 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

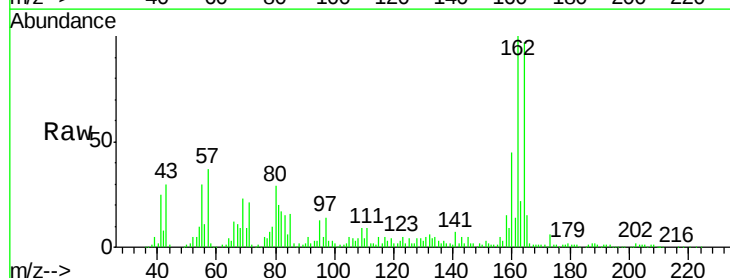
Tgt Ion:164 Resp: 240810

Ion Ratio Lower Upper

164 100

162 103.3 80.2 120.2

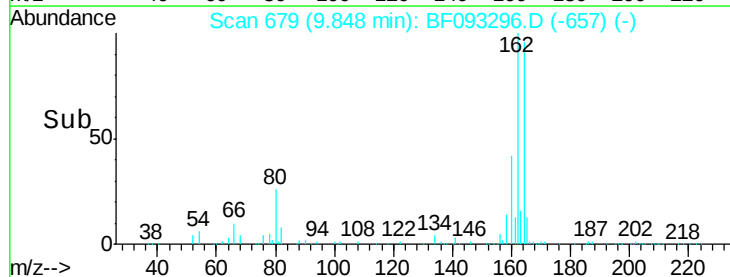
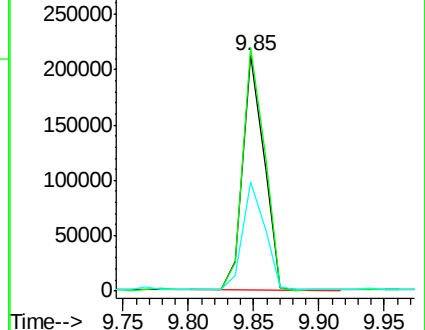
160 46.1 36.9 55.3

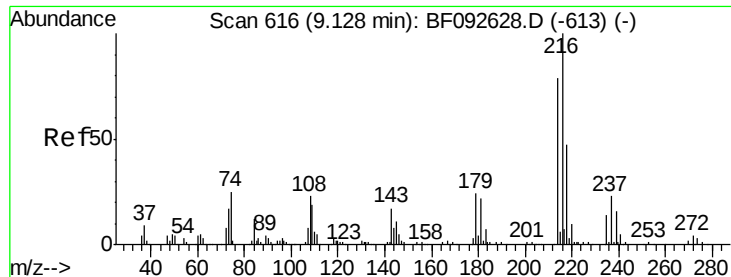


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

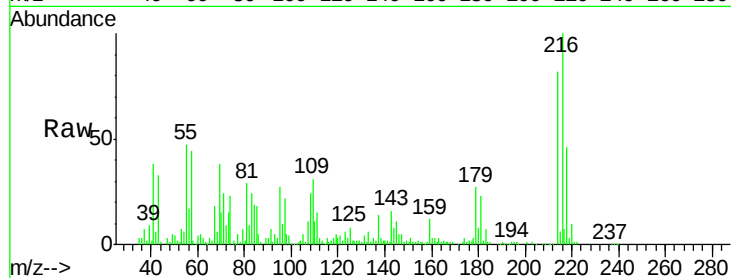




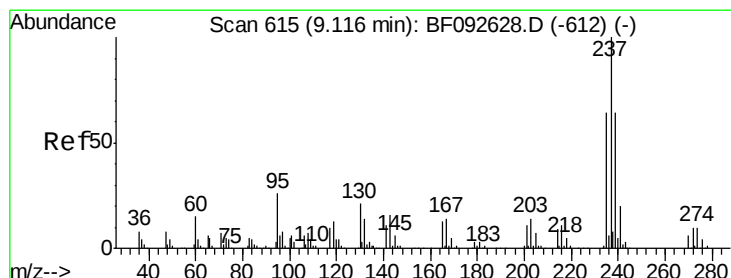
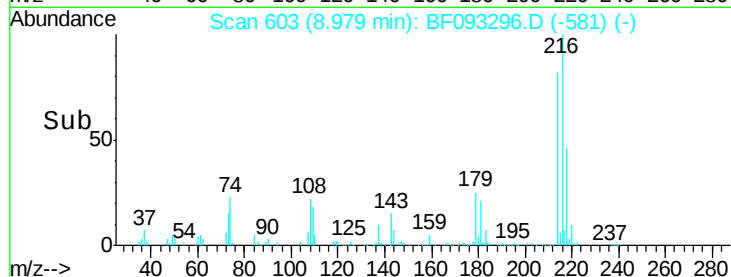
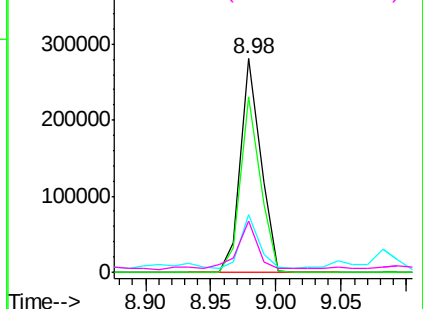
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.71 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MSD

Tgt Ion:	216	Resp:	302243
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.4	95.0
179	23.1	17.4	26.2
108	23.0	15.6	23.4

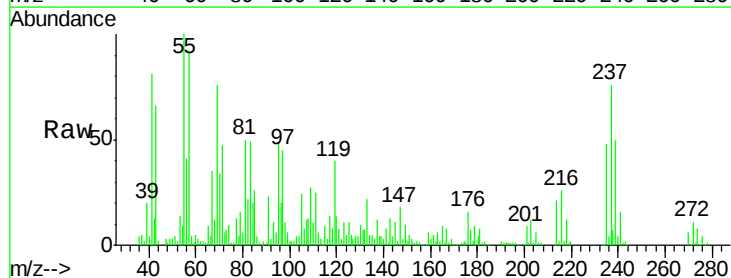


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

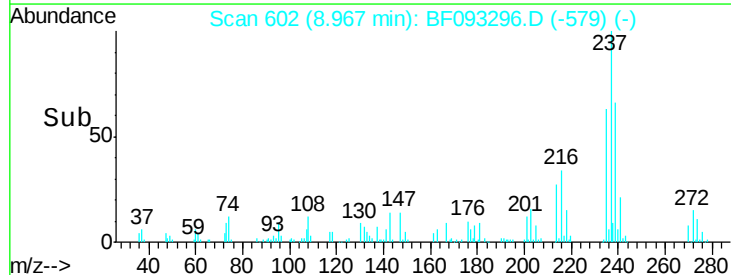
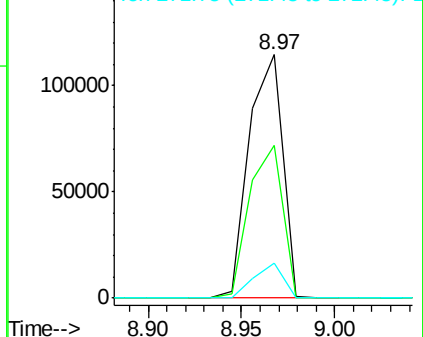


#40
 Hexachlorocyclopentadiene
 Concen: 46.75 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.03 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

Tgt Ion:	237	Resp:	142571
Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.2	81.2
272	14.5	0.0	35.4



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

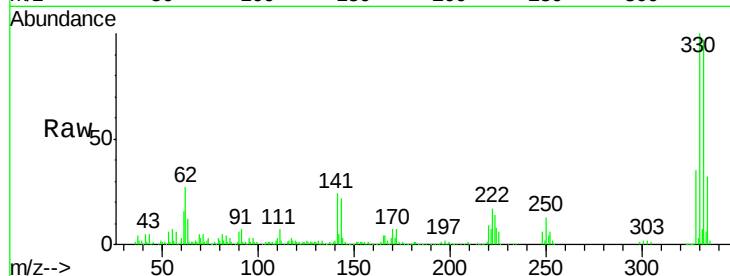




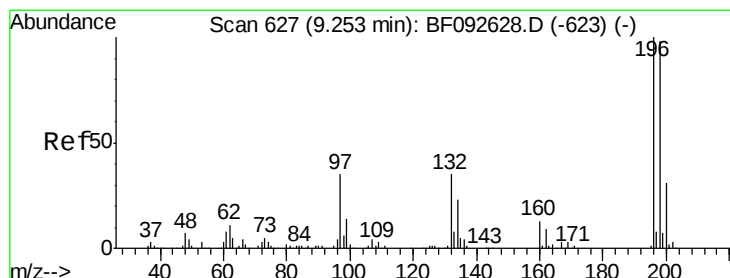
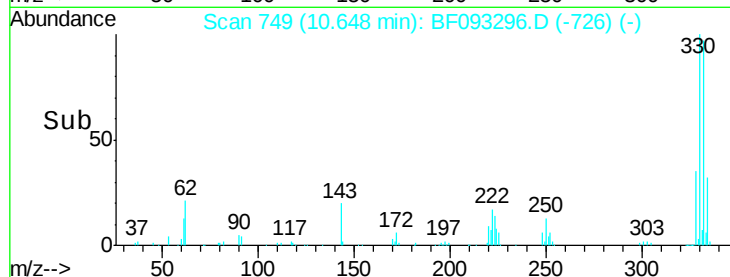
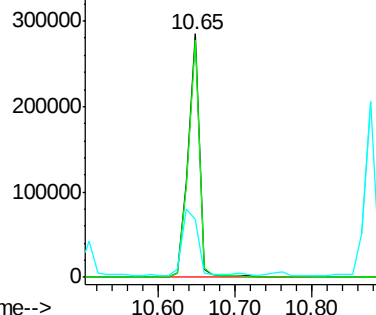
#41
 2,4,6-Tribromophenol
 Concen: 168.53 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MSD

Tgt Ion:330 Resp: 293524
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 36.0 34.1 51.1

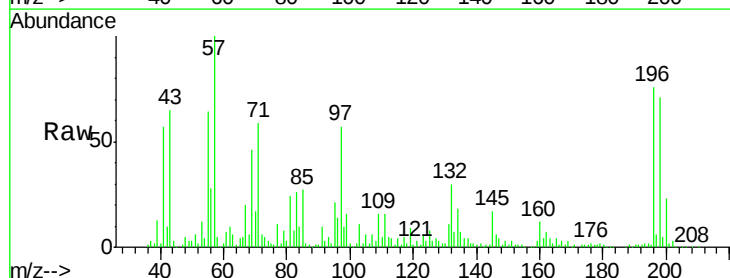


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

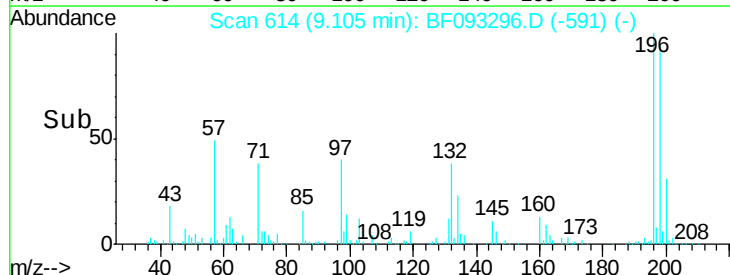
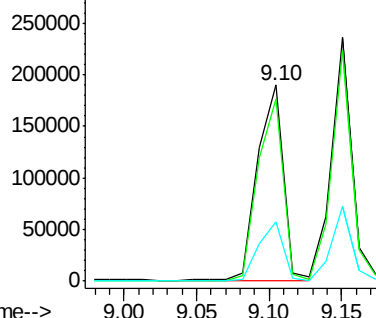


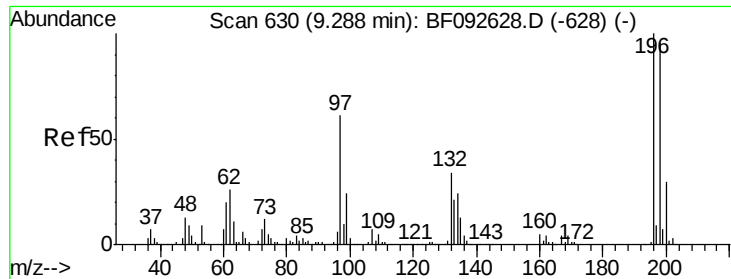
#42
 2,4,6-Trichlorophenol
 Concen: 52.06 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

Tgt Ion:196 Resp: 231239
 Ion Ratio Lower Upper
 196 100
 198 92.9 82.1 123.1
 200 30.4 27.0 40.4



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

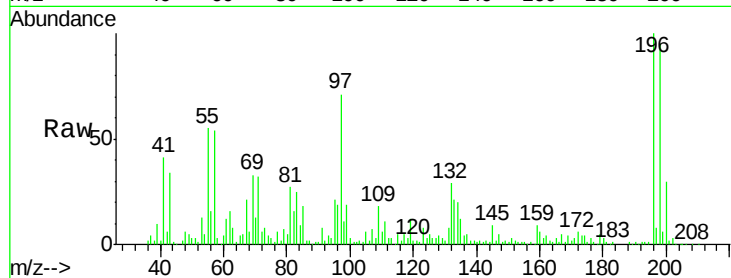




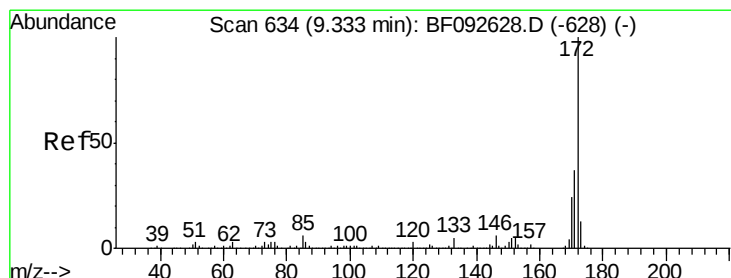
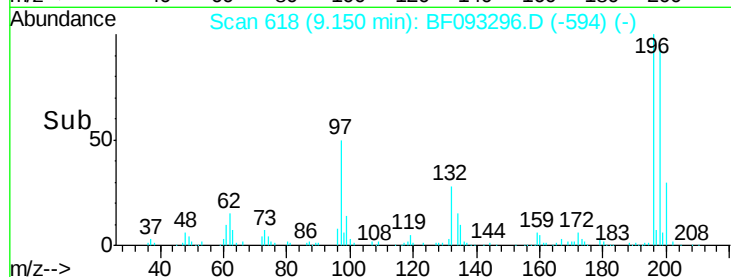
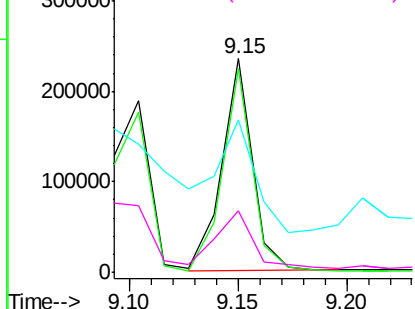
#43
2,4,5-Trichlorophenol
Concen: 46.70 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.02 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MSD

Tgt Ion:196 Resp: 227293
Ion Ratio Lower Upper
196 100
198 95.1 79.4 119.2
97 71.3 51.5 77.3
132 28.7 27.4 41.2

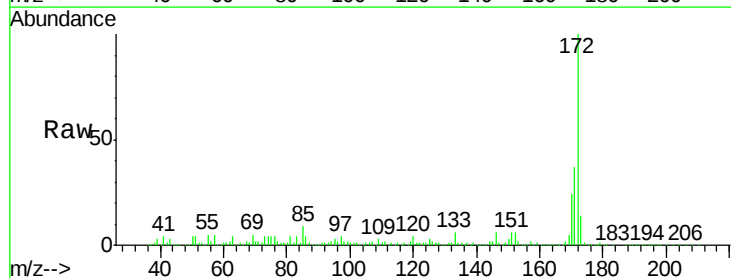


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

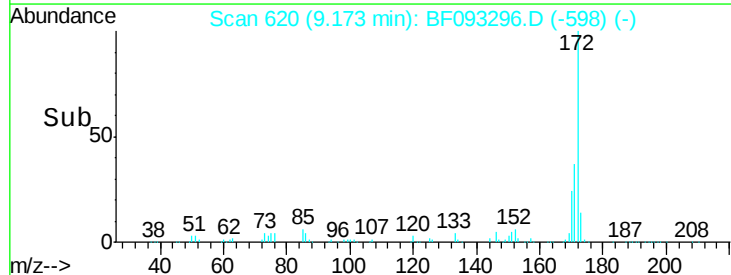
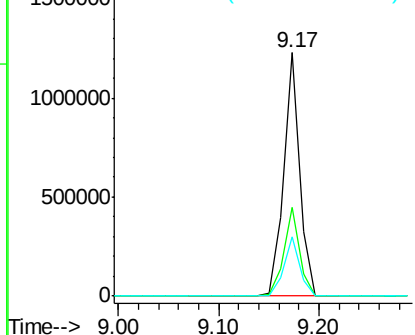


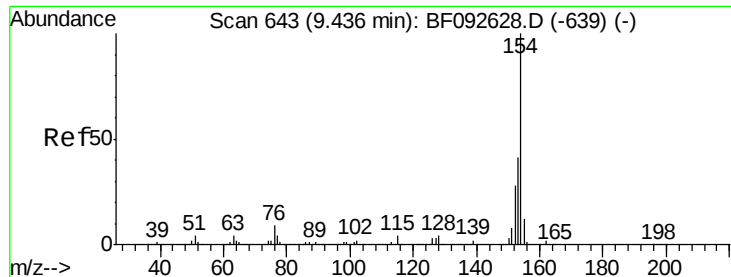
#44
2-Fluorobiphenyl
Concen: 101.88 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Tgt Ion:172 Resp: 1354181
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.4 20.2 30.4



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

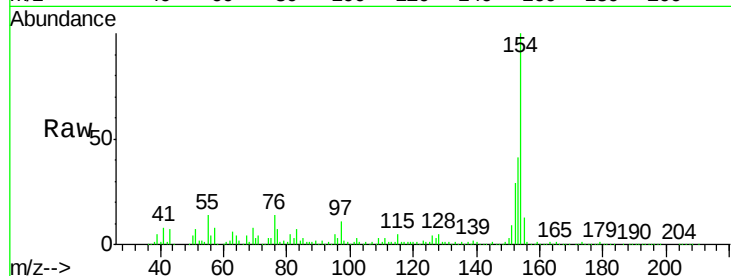




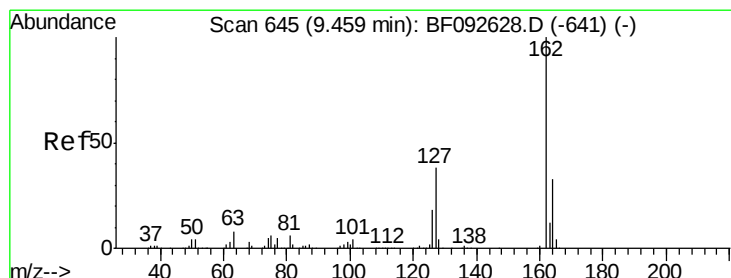
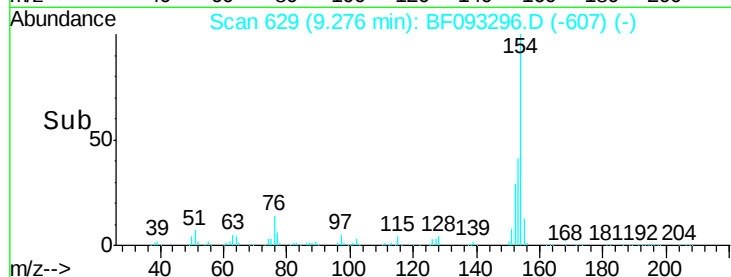
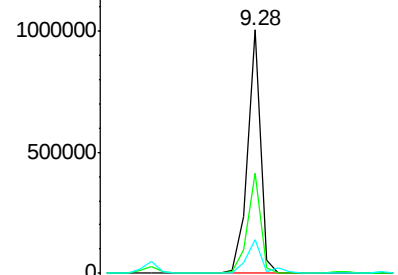
#45
 1,1'-Biphenyl
 Concen: 51.56 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MSD

Tgt Ion:	154	Resp:	899003
Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.9	60.9
76	13.8	0.0	30.5

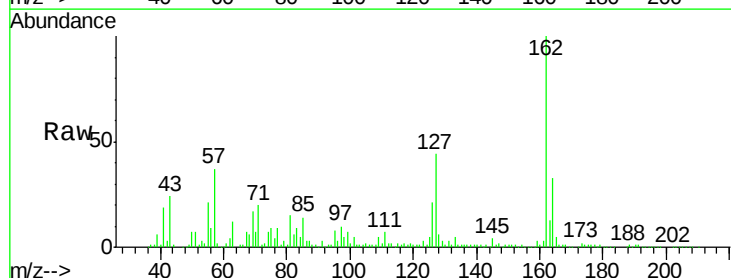


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

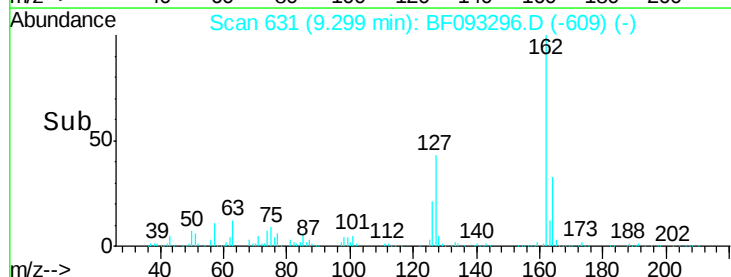
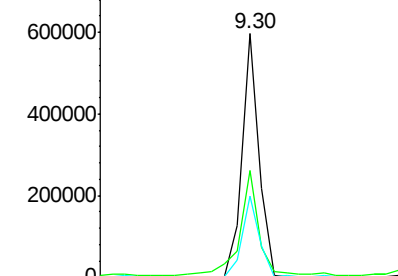


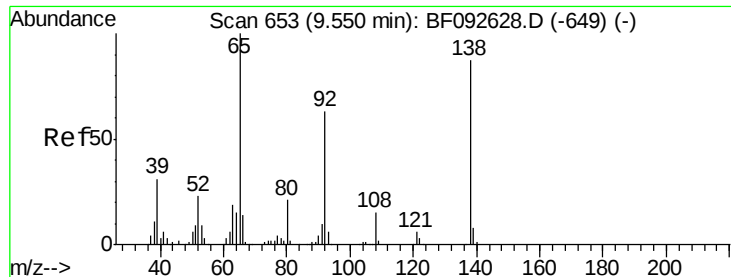
#46
 2-Chloronaphthalene
 Concen: 47.64 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.05 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

Tgt Ion:	162	Resp:	649857
Ion	Ratio	Lower	Upper
162	100		
127	43.6	30.7	46.1
164	33.2	27.6	41.4



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

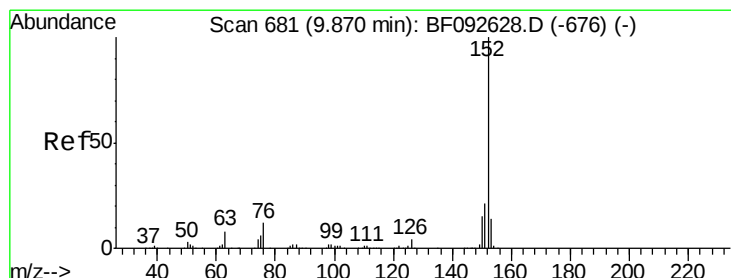
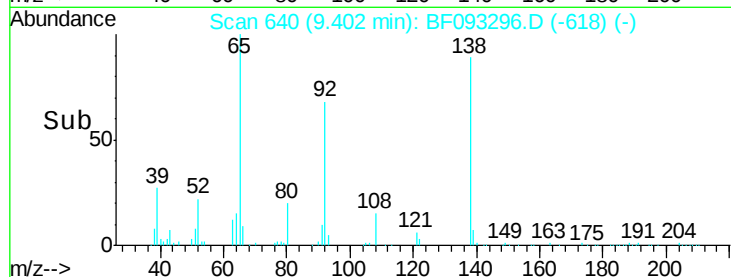
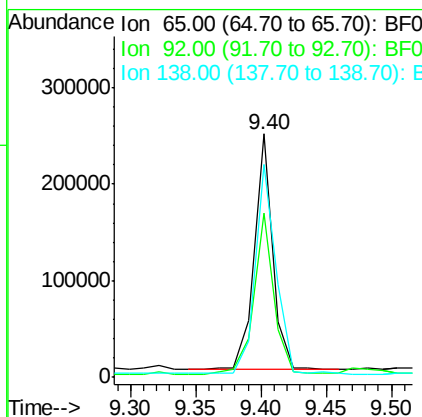
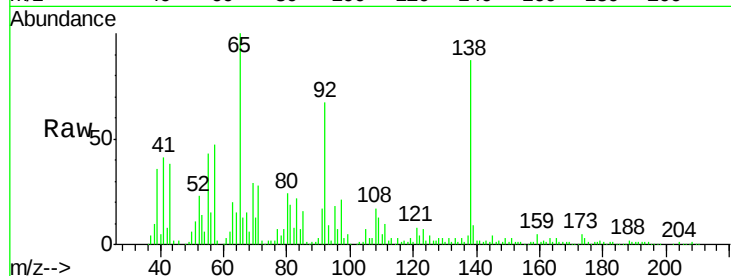




#47
2-Nitroaniline
Concen: 52.51 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

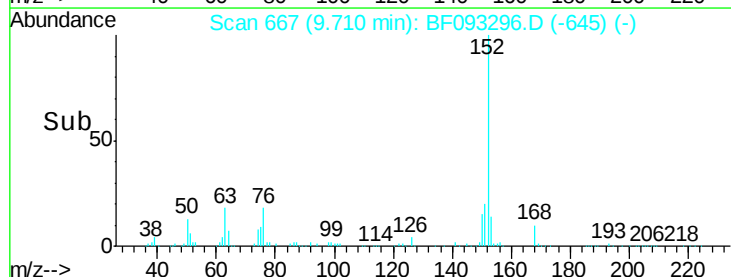
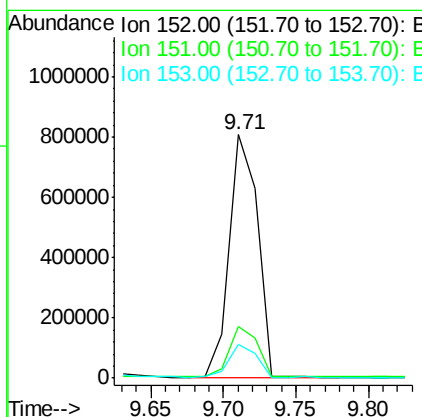
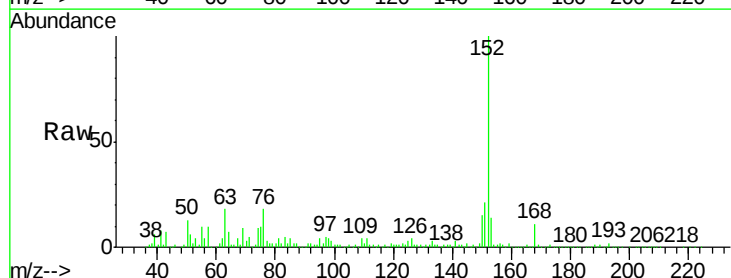
Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MSD

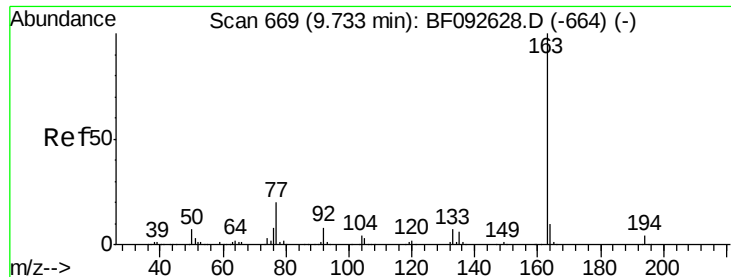
Tgt Ion: 65 Resp: 240831
Ion Ratio Lower Upper
65 100
92 67.4 53.9 80.9
138 87.3 76.8 115.2



#48
Acenaphthylene
Concen: 46.36 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Tgt Ion: 152 Resp: 1092351
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 13.9 11.4 17.2





#49

Dimethylphthalate

Concen: 55.79 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

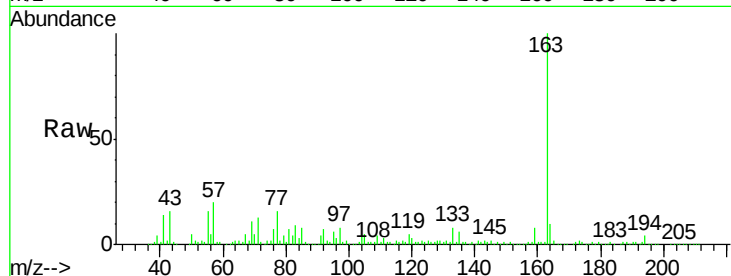
Tgt Ion:163 Resp: 904897

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.4

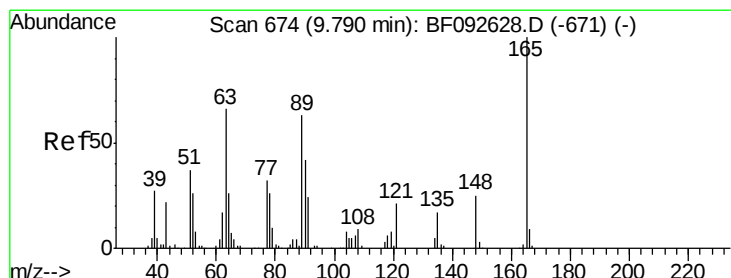
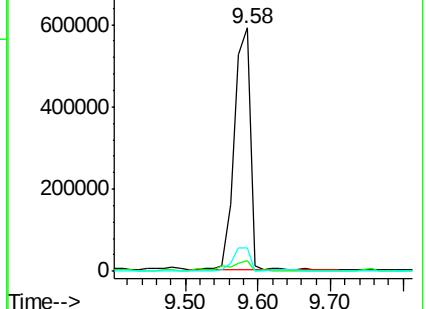
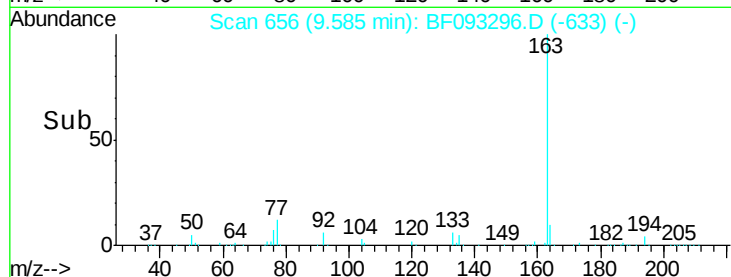
164 9.9 8.0 12.0



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: 55.70 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.03 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

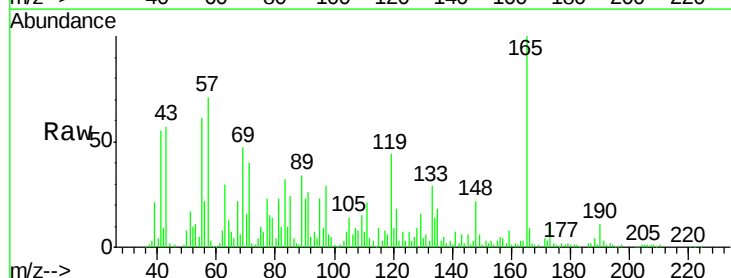
Tgt Ion:165 Resp: 195112

Ion Ratio Lower Upper

165 100

63 30.3 36.2 54.4#

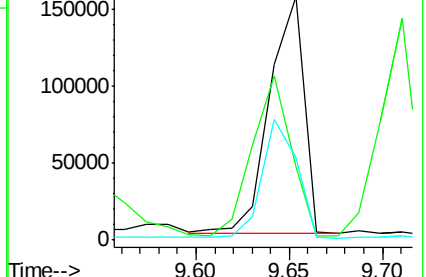
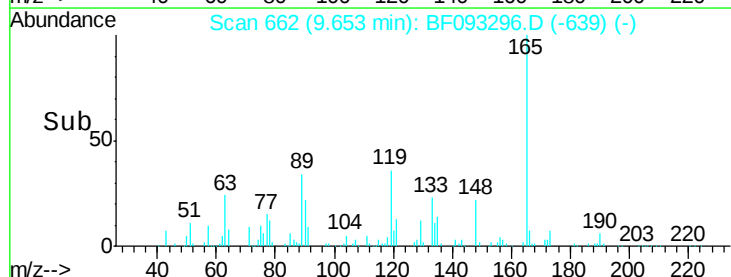
89 33.6 40.2 60.4#

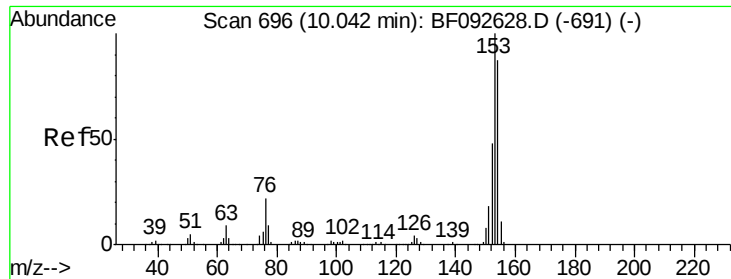


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.84 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

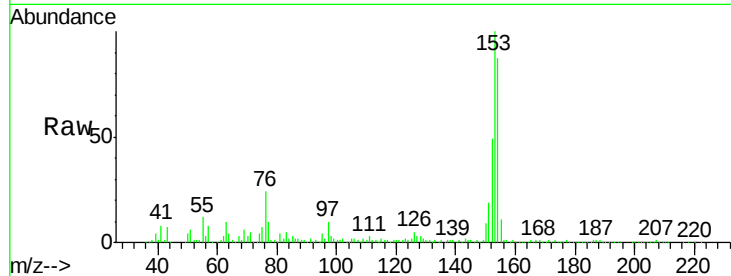
Tgt Ion:154 Resp: 631669

Ion Ratio Lower Upper

154 100

153 114.4 88.6 133.0

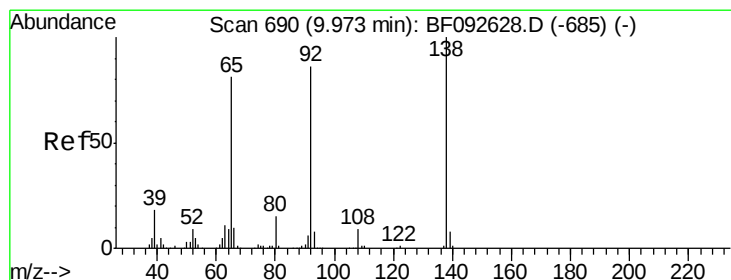
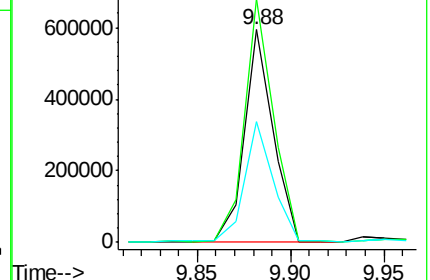
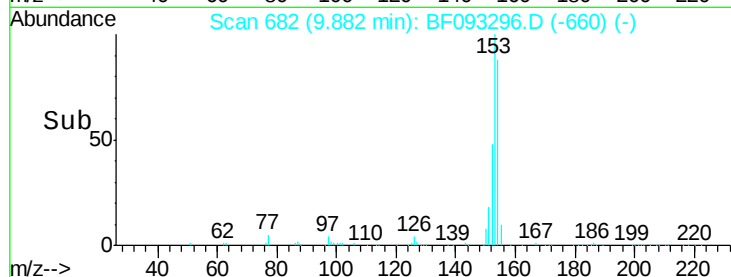
152 56.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.81 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

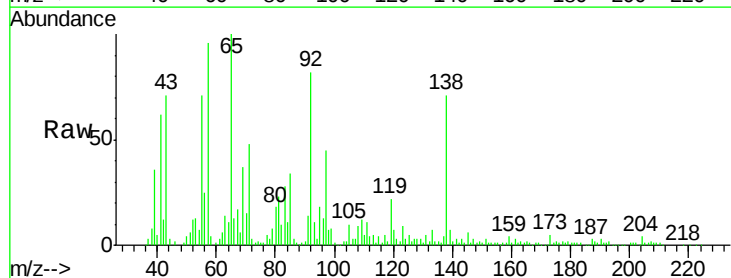
Tgt Ion:138 Resp: 119514

Ion Ratio Lower Upper

138 100

108 12.3 8.5 12.7

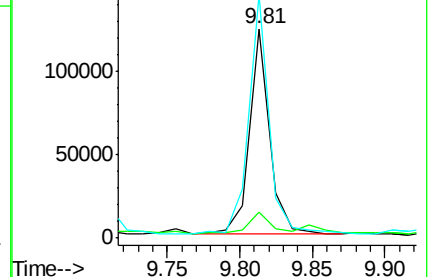
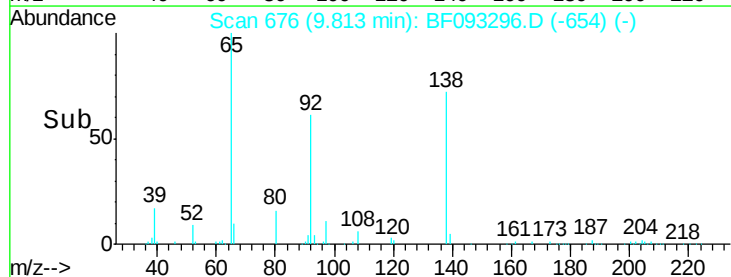
92 116.2 97.8 146.8

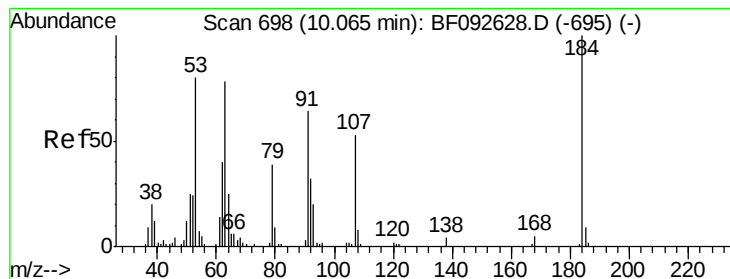


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 19.90 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

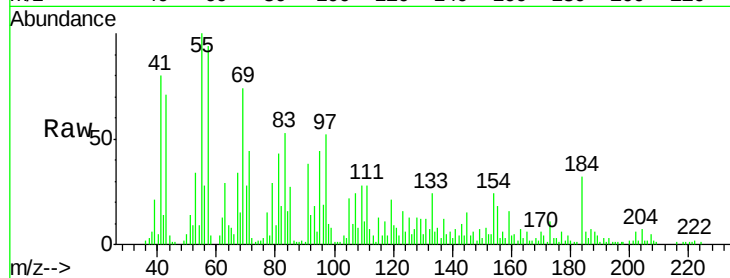
Tgt Ion:184 Resp: 28720

Ion Ratio Lower Upper

184 100

63 88.3 28.4 42.6#

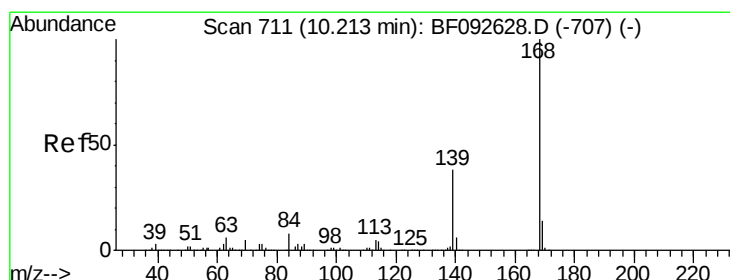
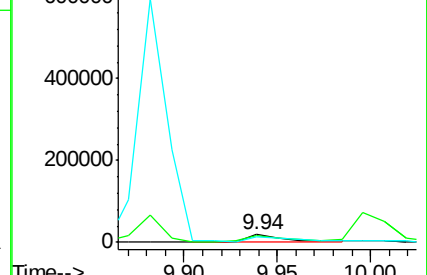
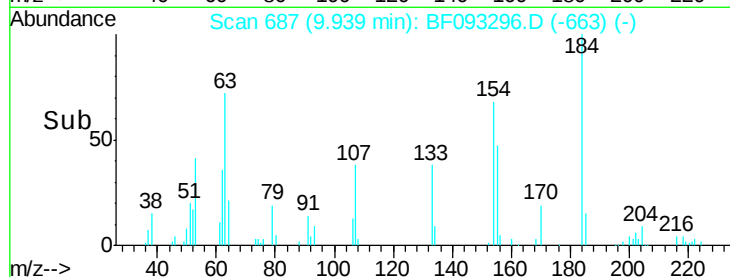
154 75.8 44.3 66.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 49.38 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

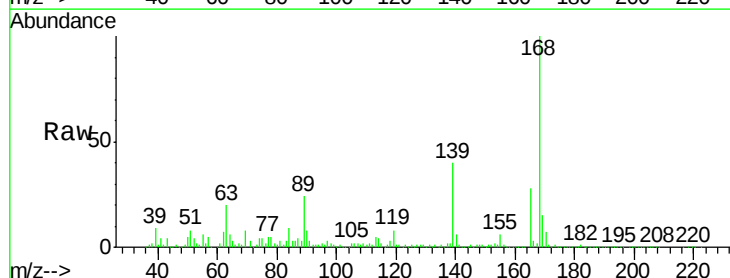
Tgt Ion:168 Resp: 930605

Ion Ratio Lower Upper

168 100

139 39.6 32.6 49.0

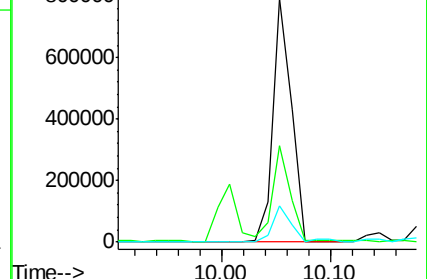
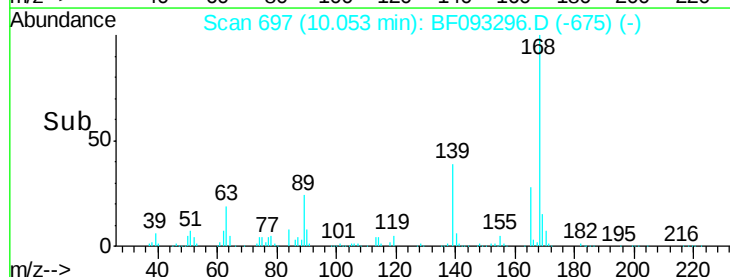
169 14.9 11.3 16.9

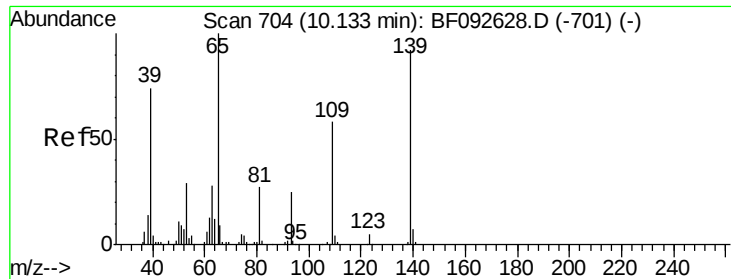


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

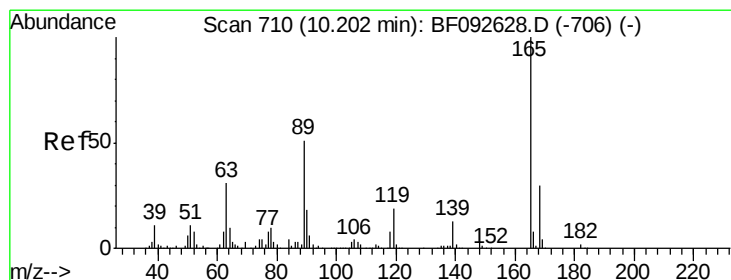
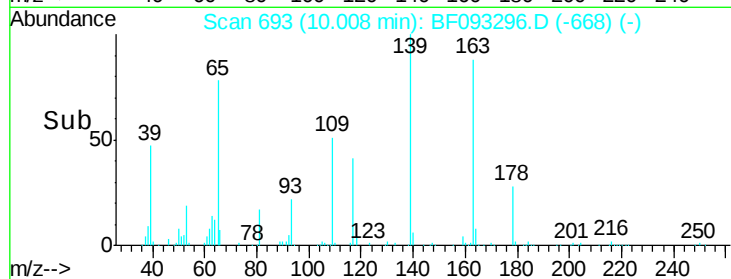
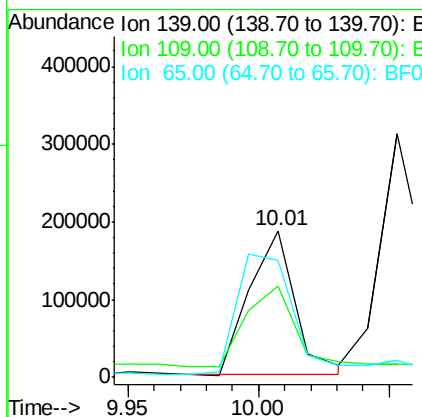
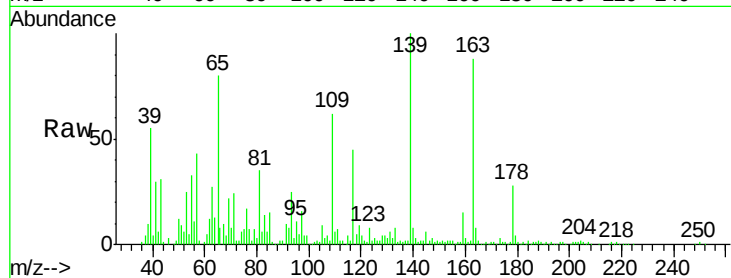




#55
4-Nitrophenol
Concen: 79.24 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

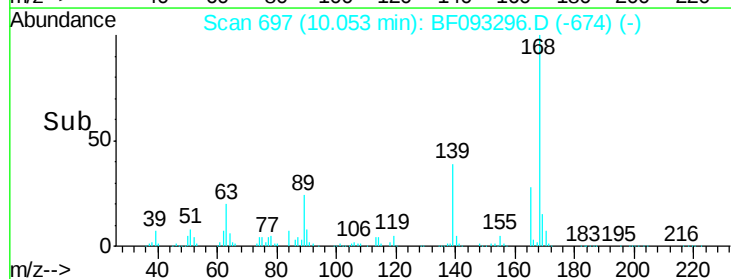
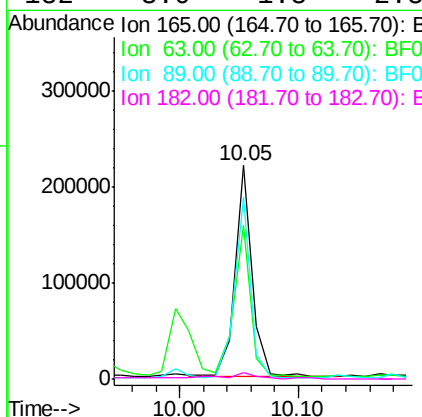
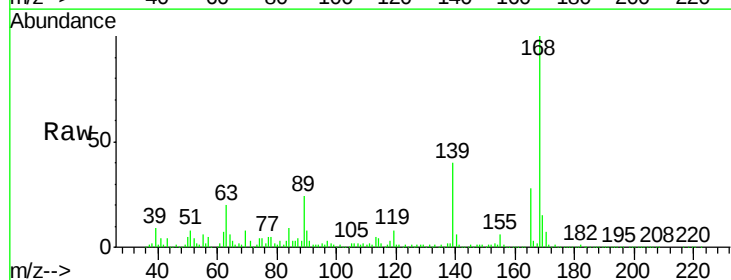
Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MSD

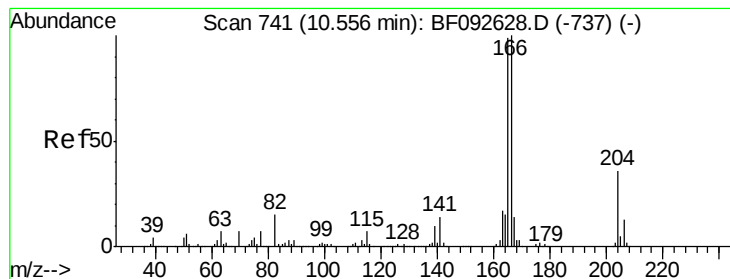
Tgt Ion:139 Resp: 228777
Ion Ratio Lower Upper
139 100
109 61.7 52.2 92.2
65 79.9 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 46.75 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Tgt Ion:165 Resp: 218000
Ion Ratio Lower Upper
165 100
63 72.1 40.2 60.4#
89 85.4 62.5 93.7
182 3.0 1.8 2.8#





#57

Fluorene

Concen: 51.56 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

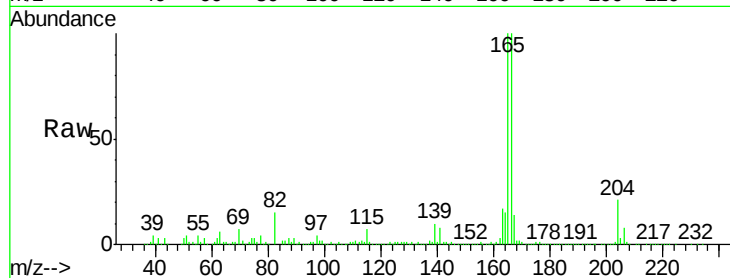
Tgt Ion:166 Resp: 747451

Ion Ratio Lower Upper

166 100

165 100.4 77.8 116.8

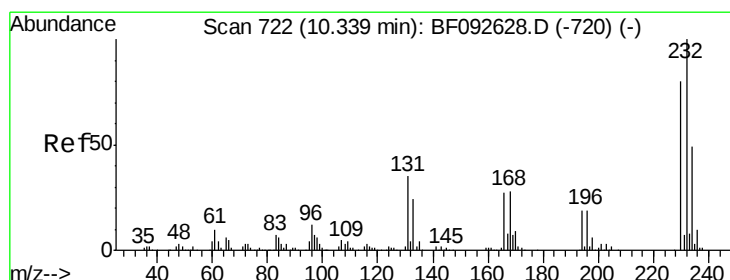
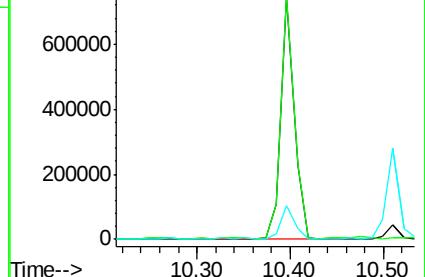
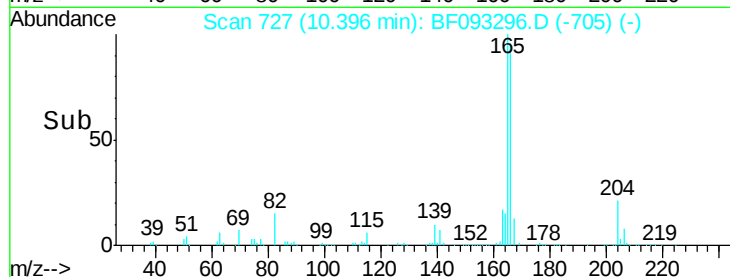
167 13.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.35 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Tgt Ion:232 Resp: 182954

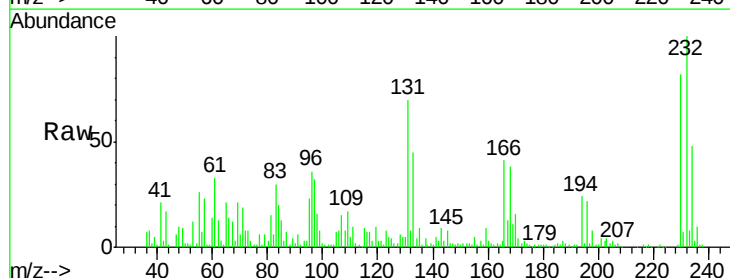
Ion Ratio Lower Upper

232 100

131 53.8 40.1 60.1

130 3.6 1.8 2.8#

166 29.9 26.6 39.8

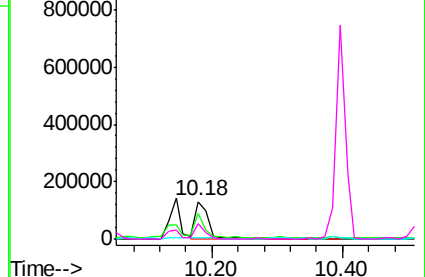
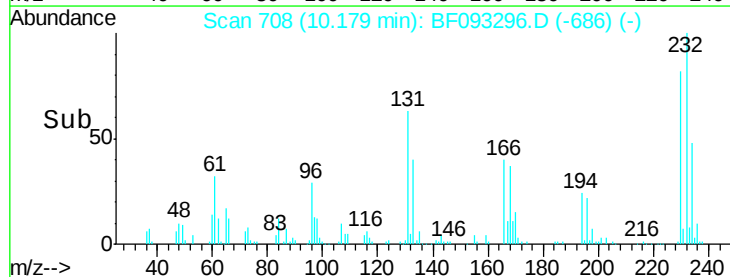


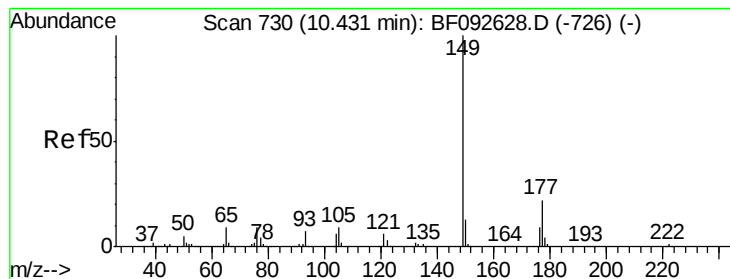
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 52.90 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

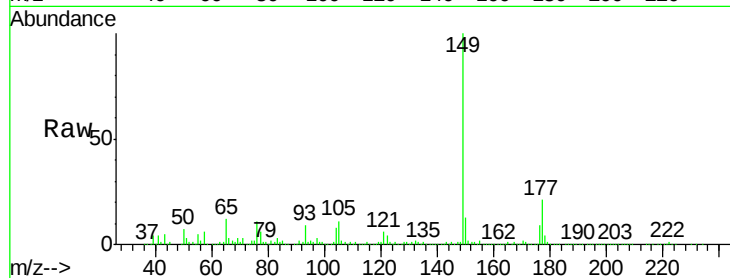
Tgt Ion:149 Resp: 808621

Ion Ratio Lower Upper

149 100

177 20.9 16.6 25.0

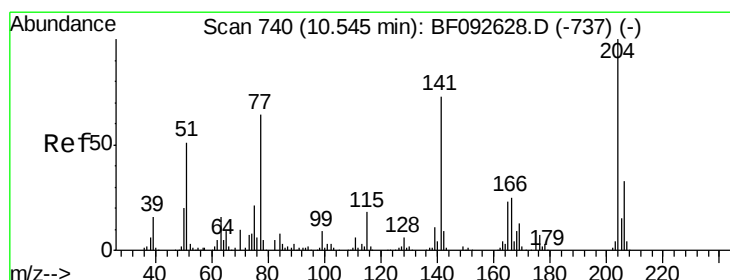
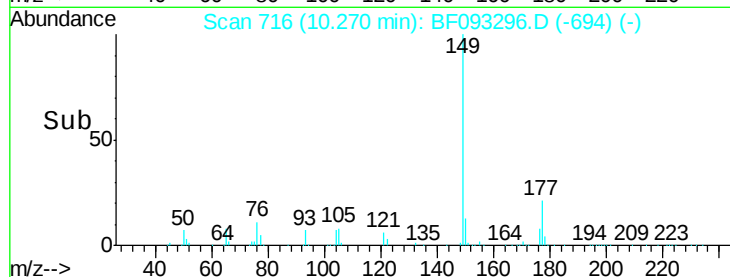
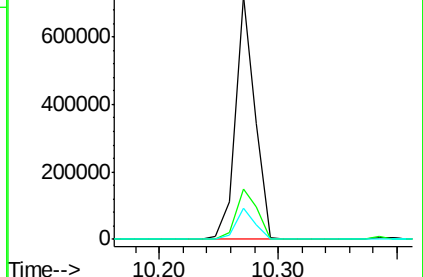
150 12.9 10.4 15.6



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: 47.79 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

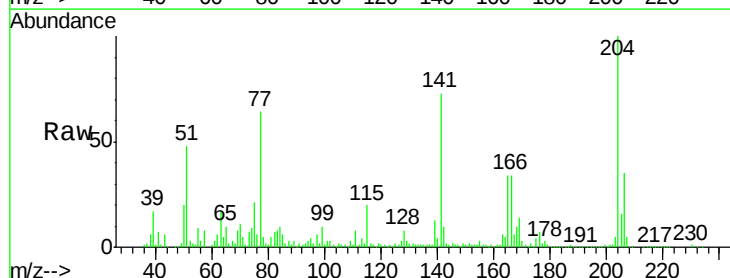
Tgt Ion:204 Resp: 332838

Ion Ratio Lower Upper

204 100

206 34.6 25.8 38.6

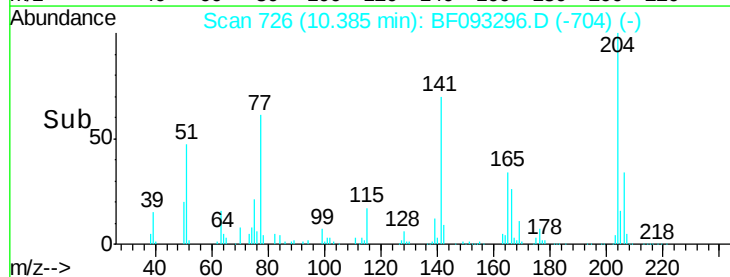
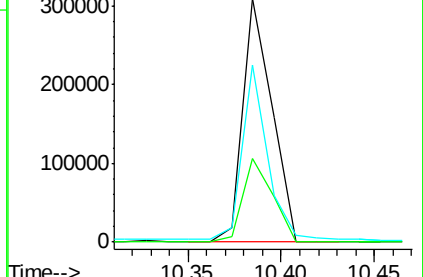
141 72.5 59.4 89.0

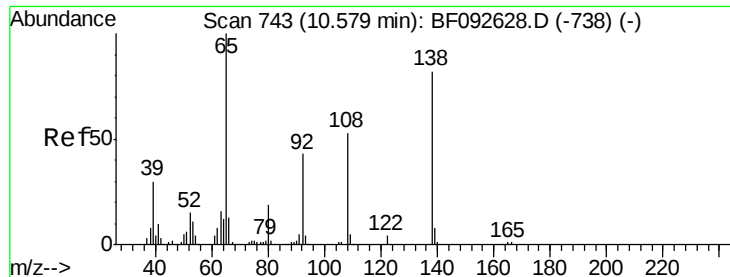


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

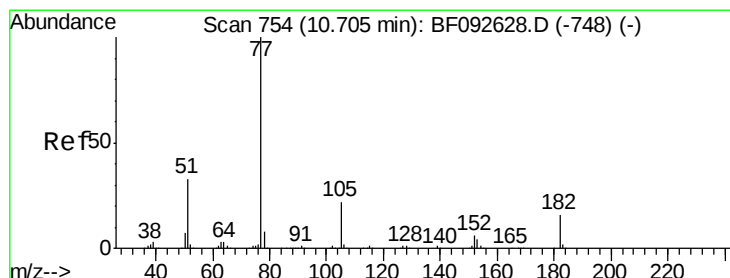
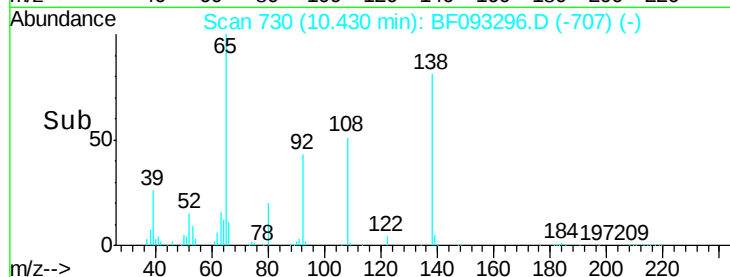
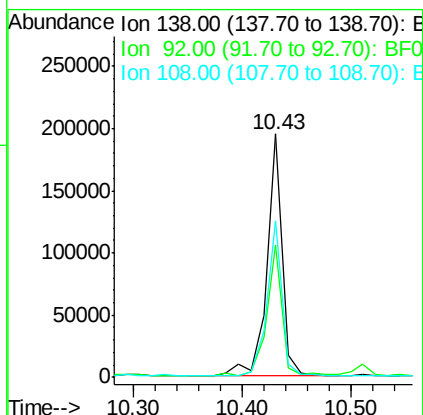
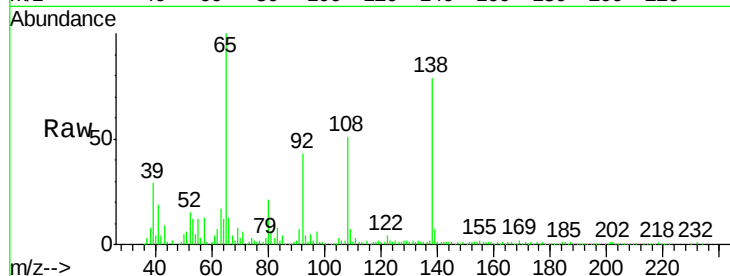




#61
4-Nitroaniline
Concen: 47.04 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

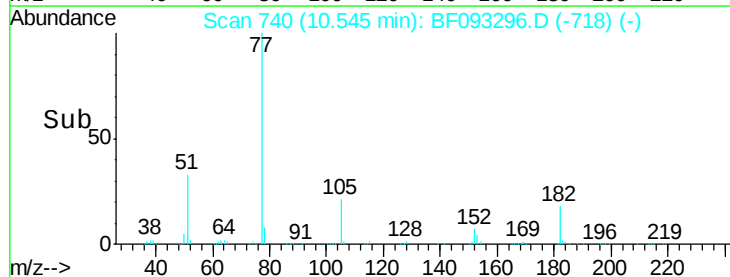
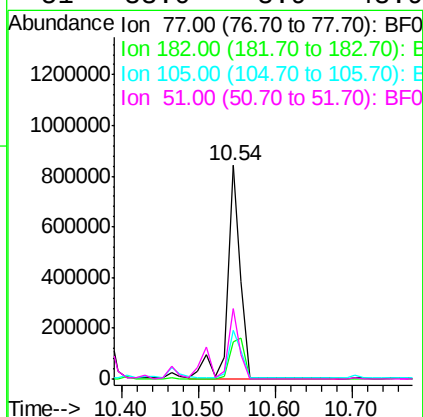
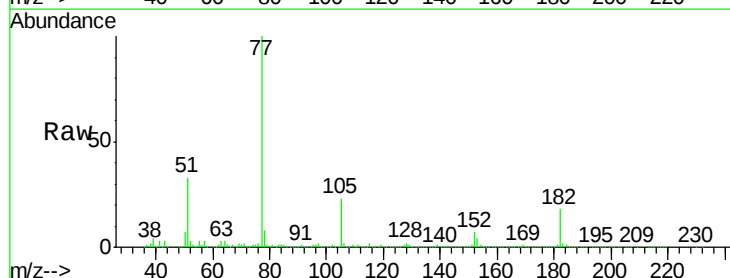
Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MSD

Tgt Ion:138 Resp: 193128
Ion Ratio Lower Upper
138 100
92 54.2 31.7 71.7
108 64.4 52.6 92.6



#62
Azobenzene
Concen: 63.04 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Tgt Ion: 77 Resp: 995471
Ion Ratio Lower Upper
77 100
182 17.6 0.0 39.3
105 22.6 2.3 42.3
51 33.0 8.9 48.9

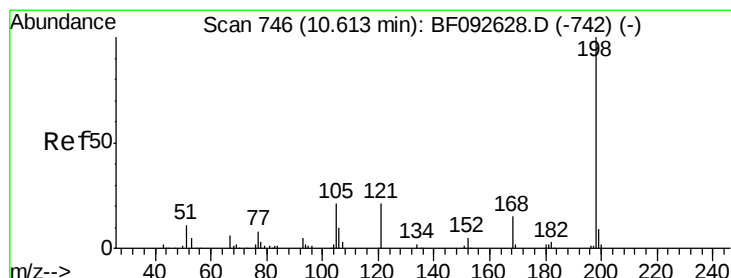
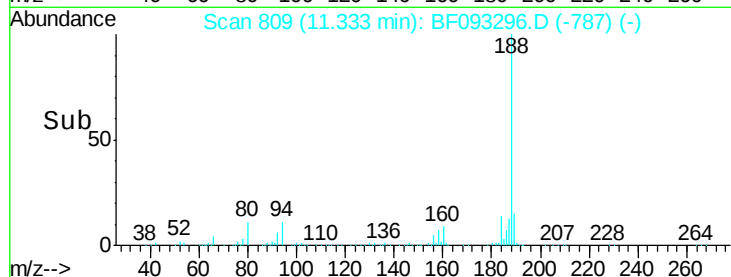
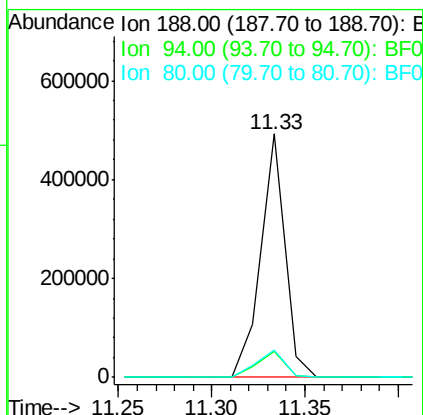
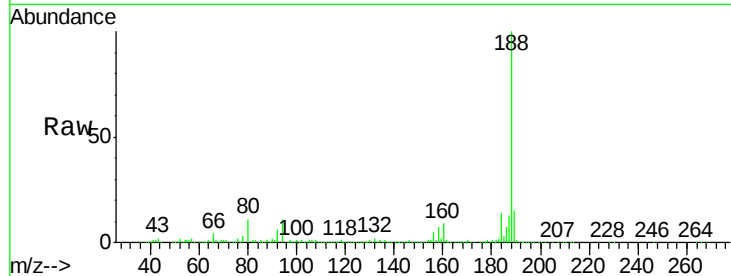




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

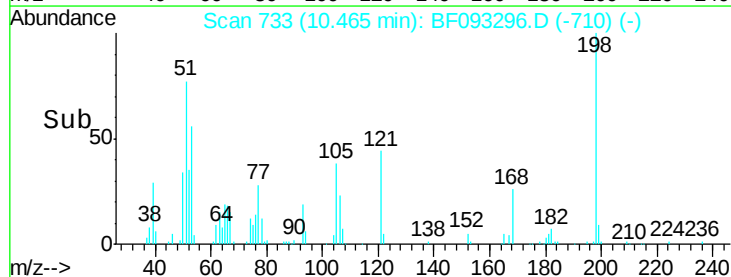
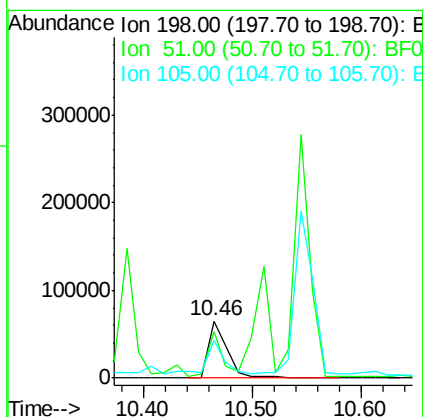
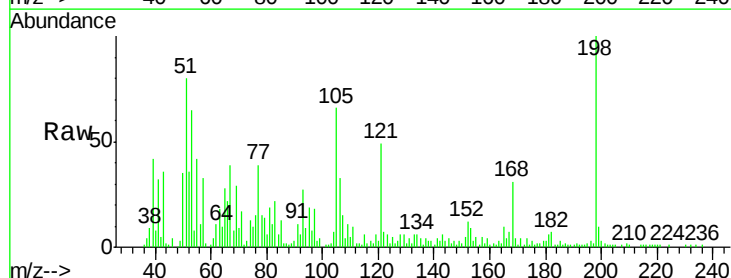
Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MSD

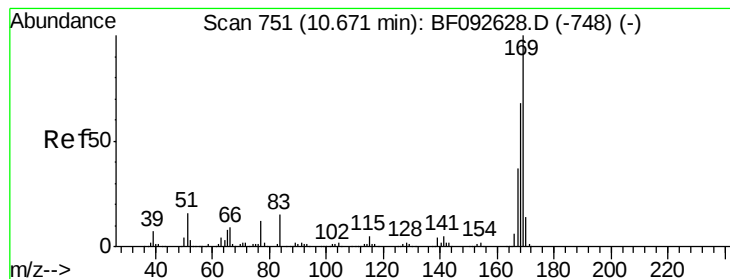
Tgt Ion:188 Resp: 441907
Ion Ratio Lower Upper
188 100
94 10.8 10.0 15.0
80 11.1 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 31.33 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Tgt Ion:198 Resp: 81620
Ion Ratio Lower Upper
198 100
51 80.3 6.7 46.7#
105 65.9 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 50.12 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

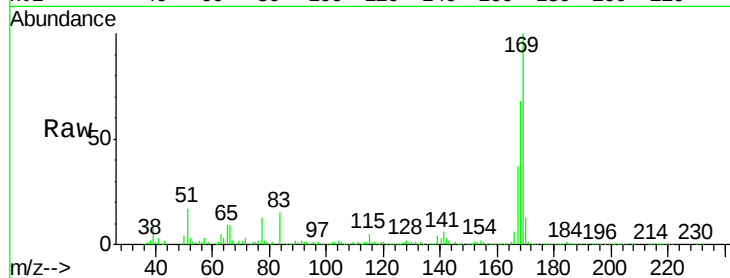
Tgt Ion:169 Resp: 707593

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

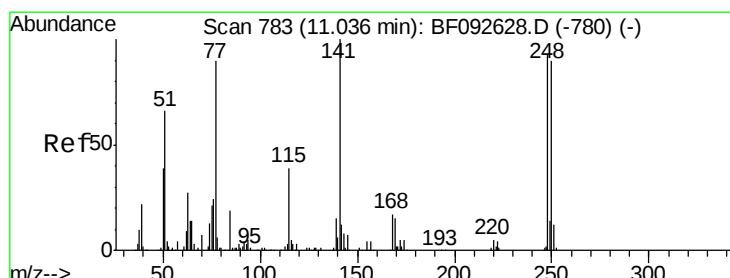
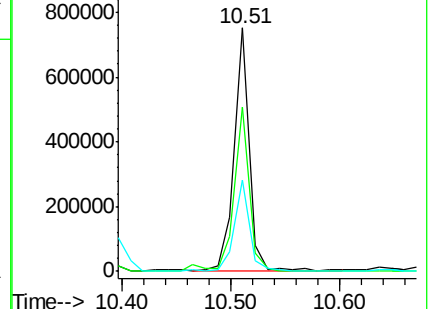
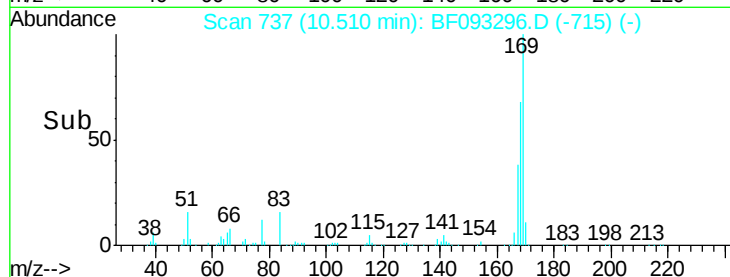
167 37.4 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.46 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

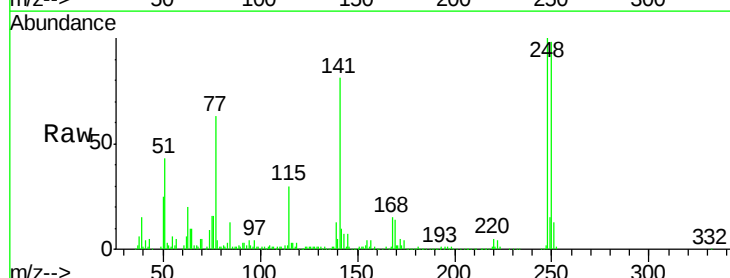
Tgt Ion:248 Resp: 219136

Ion Ratio Lower Upper

248 100

250 97.8 76.9 115.3

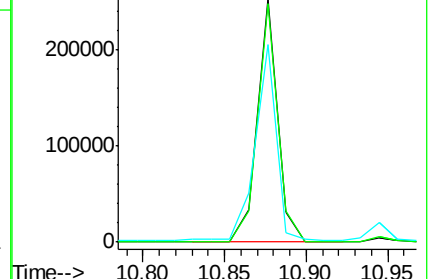
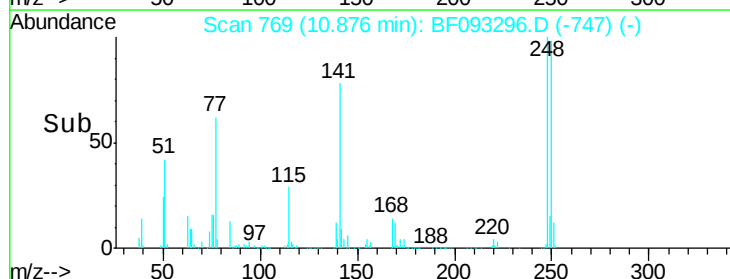
141 81.3 68.2 102.4

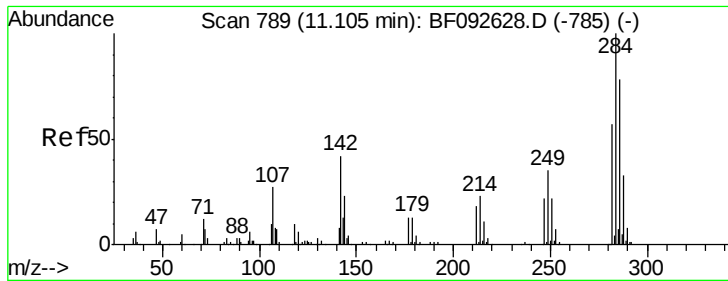


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

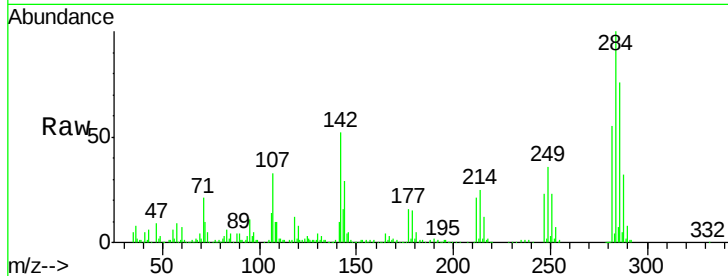




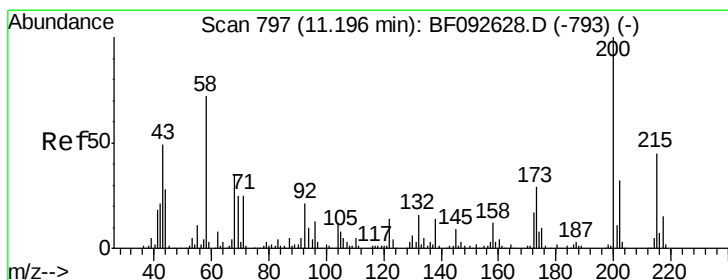
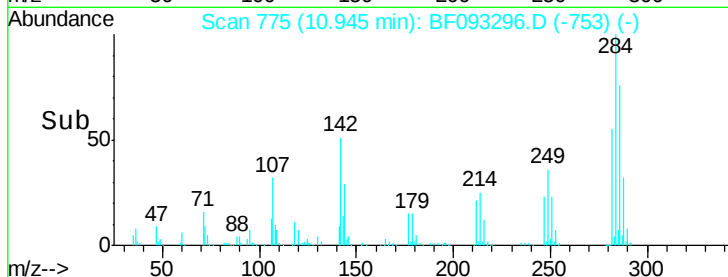
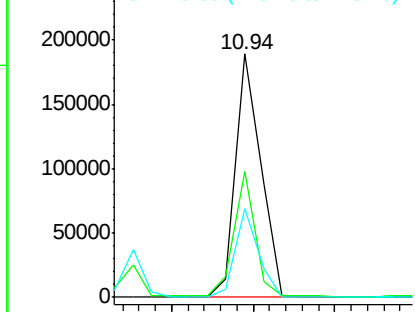
#67
Hexachlorobenzene
Concen: 44.01 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MSD

Tgt Ion:284 Resp: 200802
Ion Ratio Lower Upper
284 100
142 51.8 22.6 33.8#
249 36.5 25.4 38.0

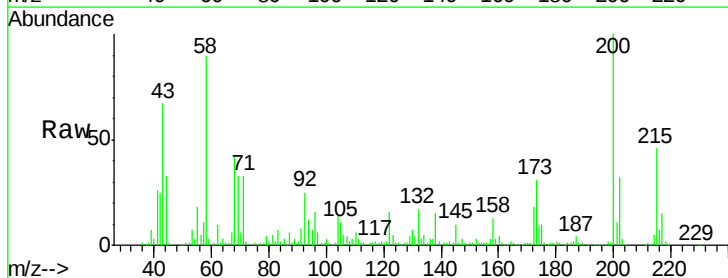


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

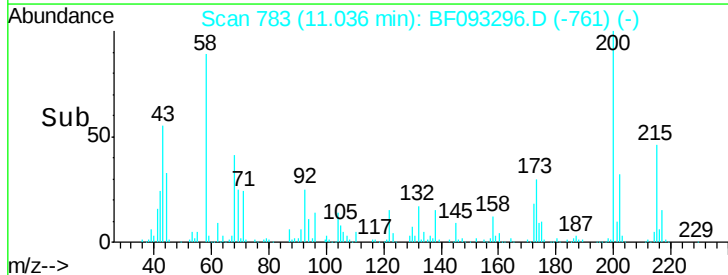
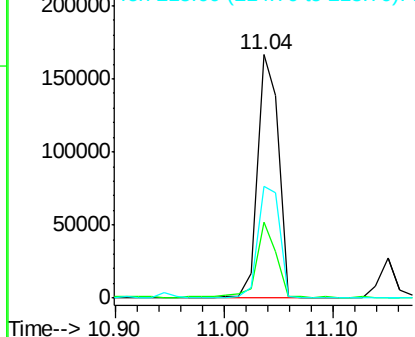


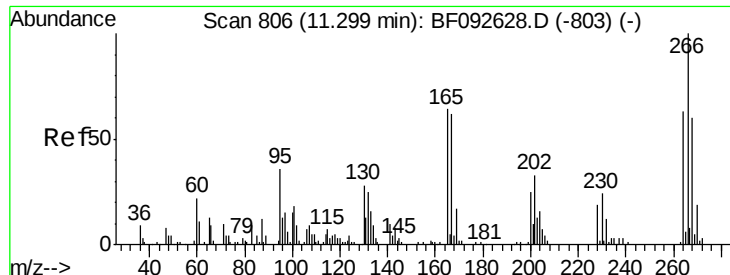
#68
Atrazine
Concen: 49.59 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Tgt Ion:200 Resp: 224672
Ion Ratio Lower Upper
200 100
173 31.0 9.6 49.6
215 46.1 25.7 65.7



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

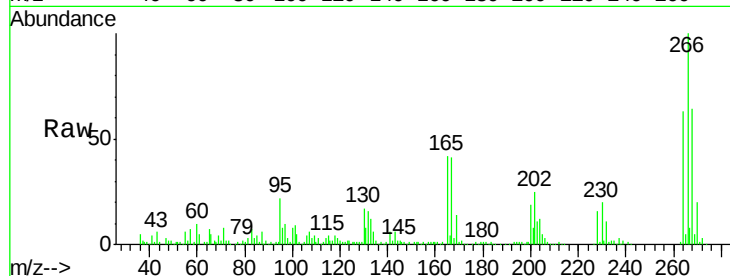




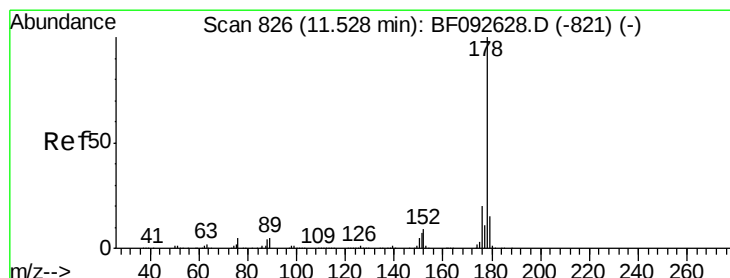
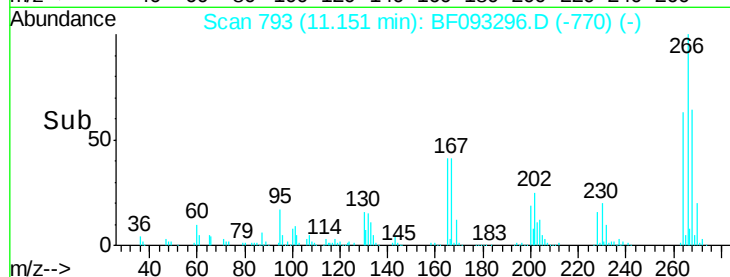
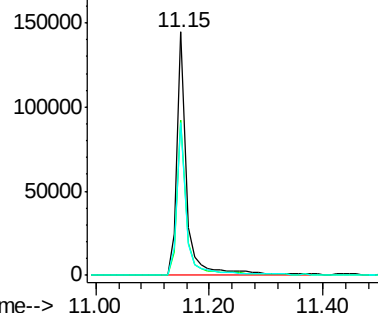
#69
 Pentachlorophenol
 Concen: 72.73 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MSD

Tgt Ion:266 Resp: 169613
 Ion Ratio Lower Upper
 266 100
 268 63.6 53.3 79.9
 264 62.7 50.3 75.5

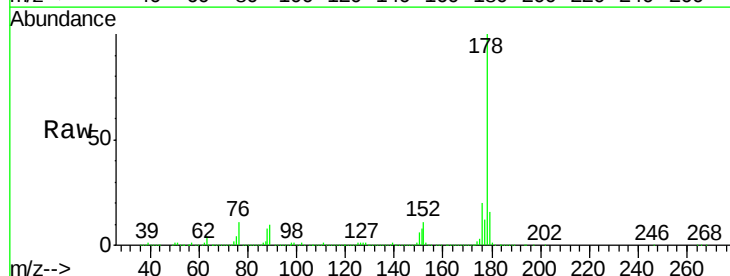


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

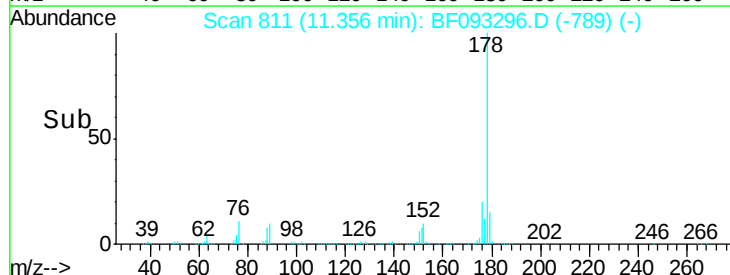
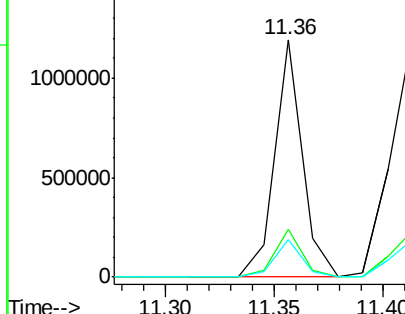


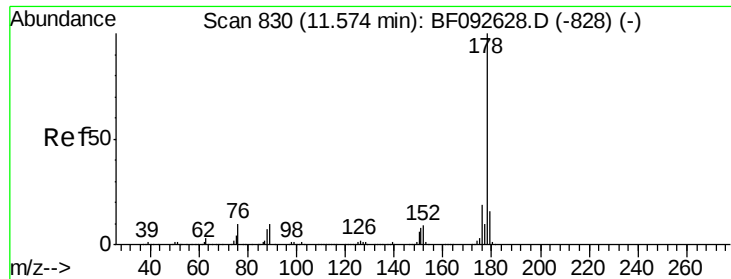
#70
 Phenanthrene
 Concen: 42.20 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

Tgt Ion:178 Resp: 1068494
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.6 12.8 19.2



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

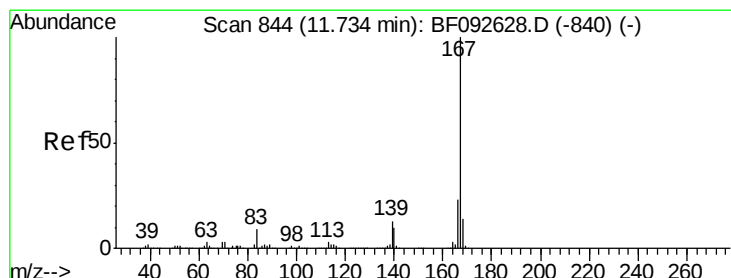
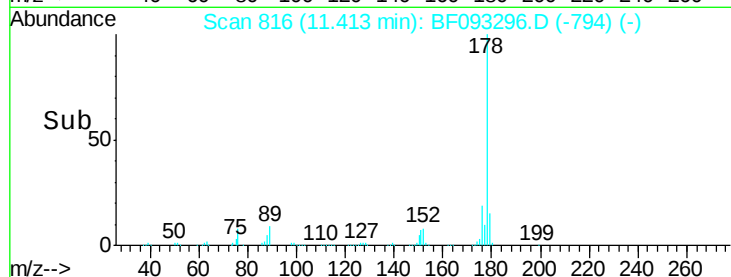
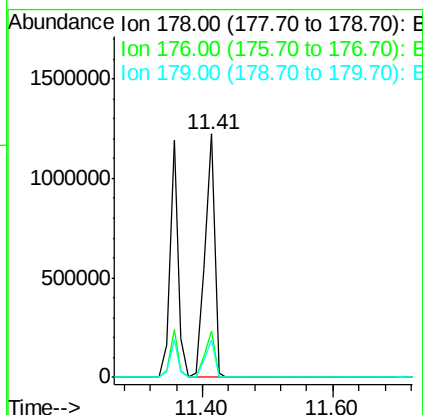
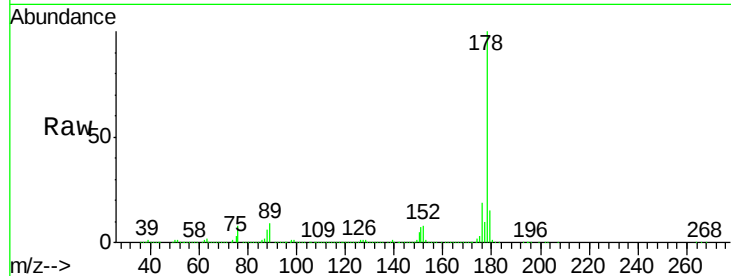




#71
 Anthracene
 Concen: 49.17 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

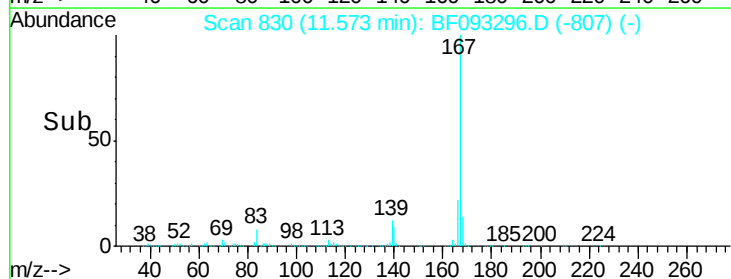
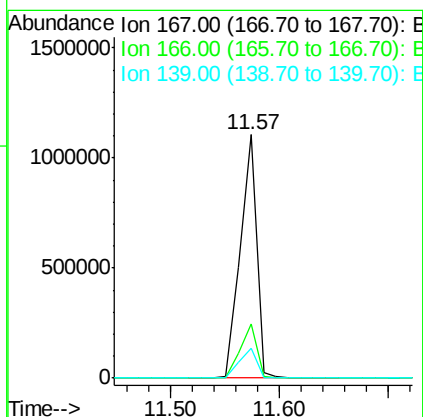
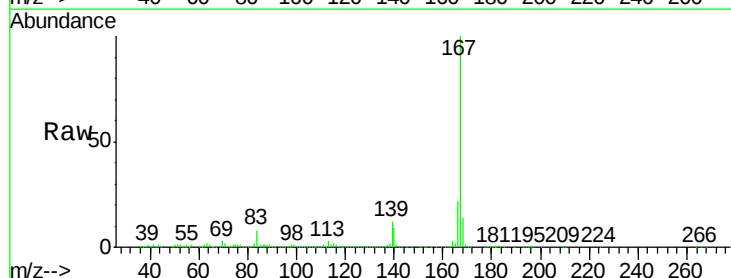
Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MSD

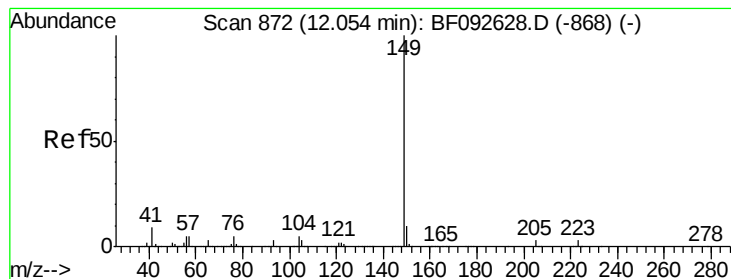
Tgt Ion:178 Resp: 1250146
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.4 13.2 19.8



#72
 Carbazole
 Concen: 46.43 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

Tgt Ion:167 Resp: 1128399
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 12.3 11.4 17.2





#73

Di-n-butylphthalate

Concen: 51.05 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

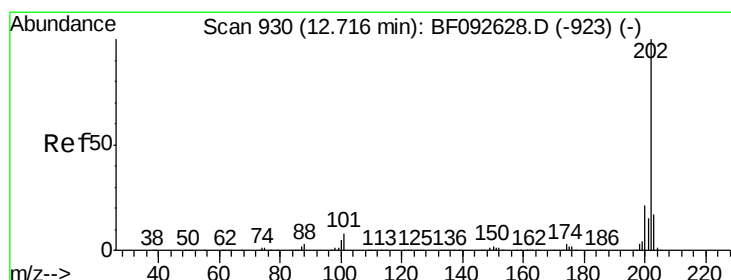
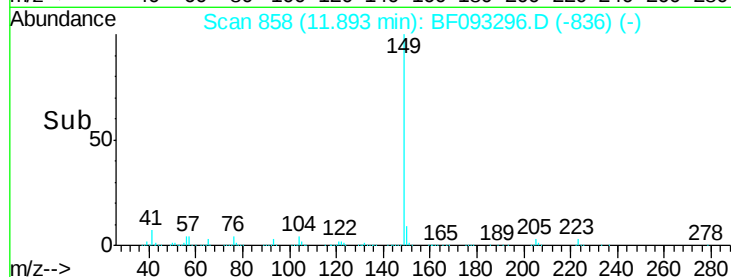
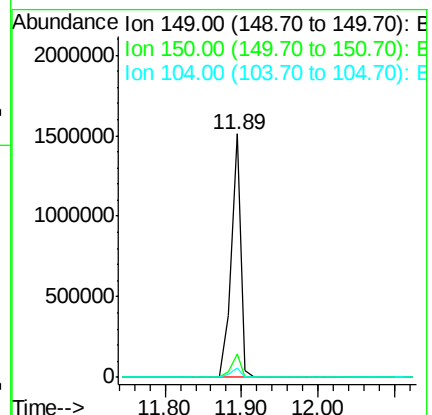
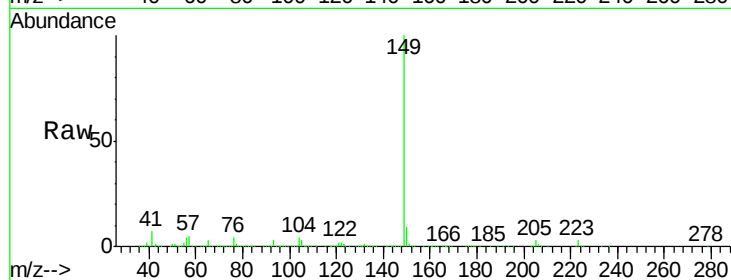
Tgt Ion:149 Resp: 1341902

Ion Ratio Lower Upper

149 100

150 9.4 8.1 12.1

104 4.1 4.6 7.0#



#74

Fluoranthene

Concen: 41.73 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

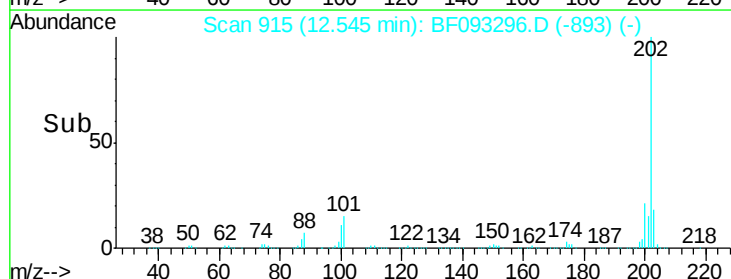
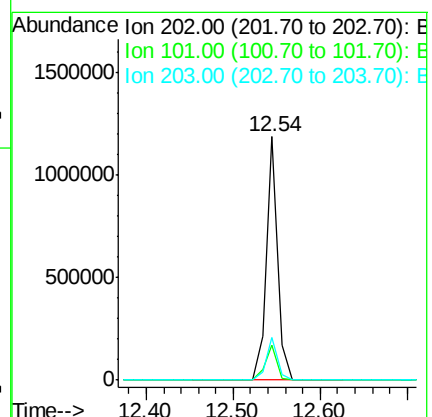
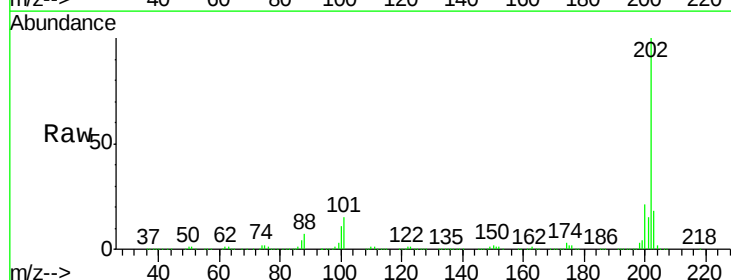
Tgt Ion:202 Resp: 1089851

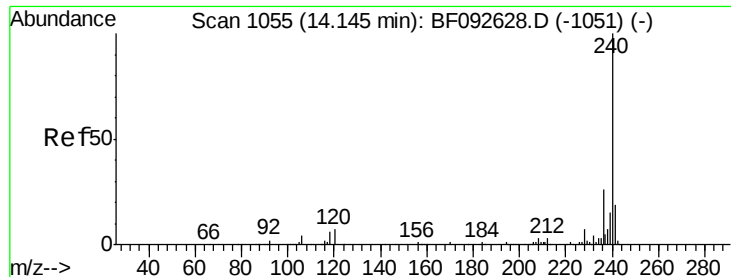
Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.6

203 17.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

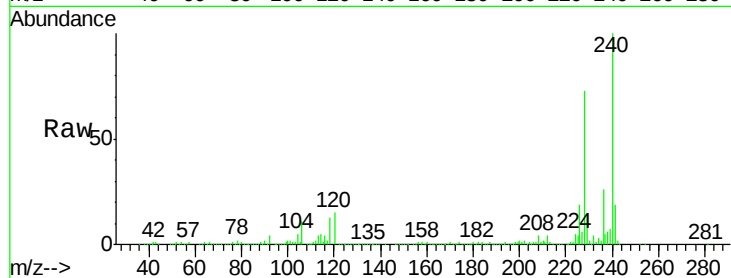
Tgt Ion:240 Resp: 337650

Ion Ratio Lower Upper

240 100

120 15.2 12.9 19.3

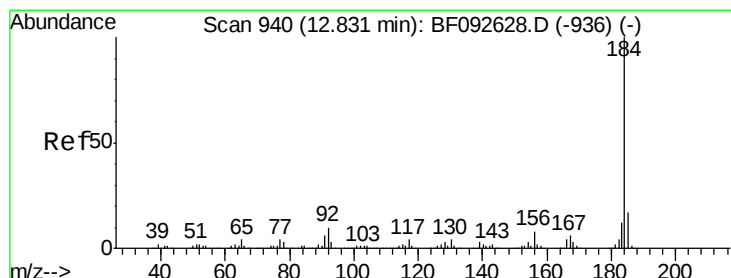
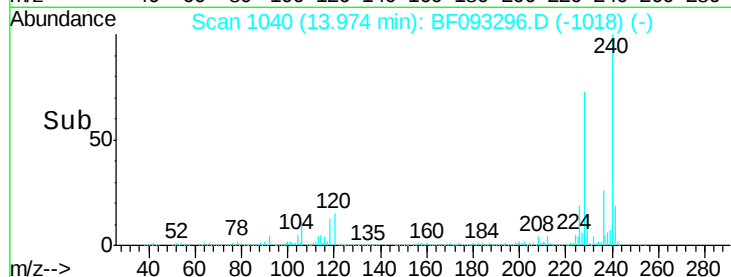
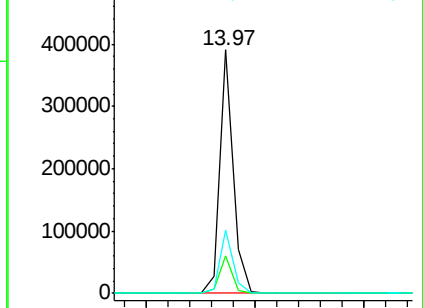
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.71 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

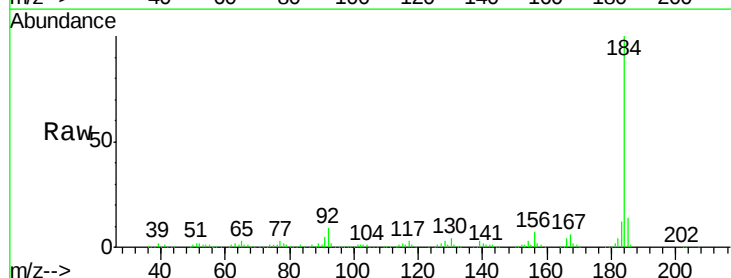
Tgt Ion:184 Resp: 355485

Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

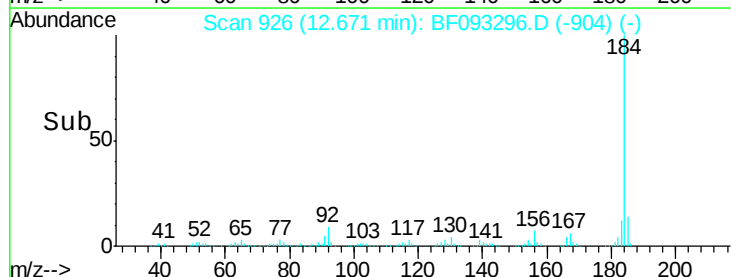
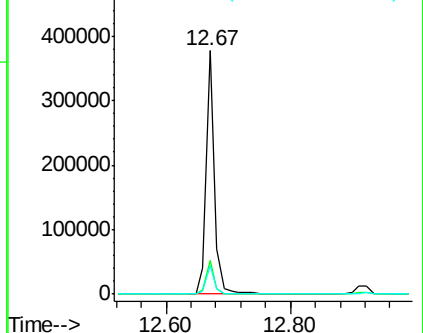
183 11.9 9.2 13.8

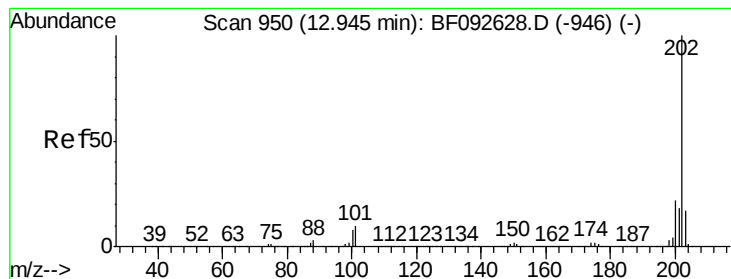


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.15 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

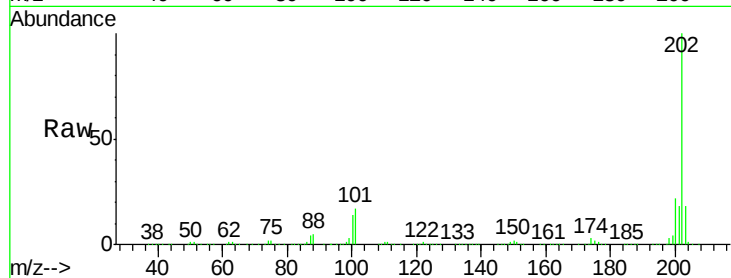
Tgt Ion:202 Resp: 1090290

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

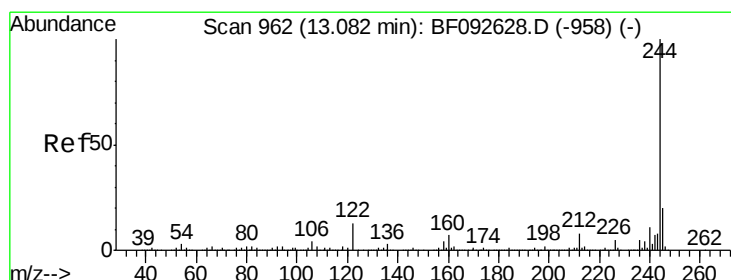
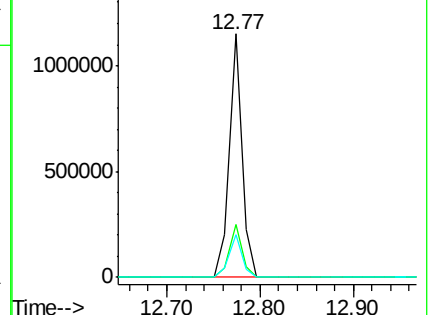
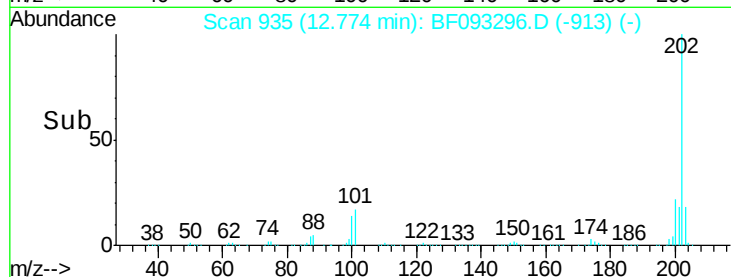
203 17.7 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.43 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

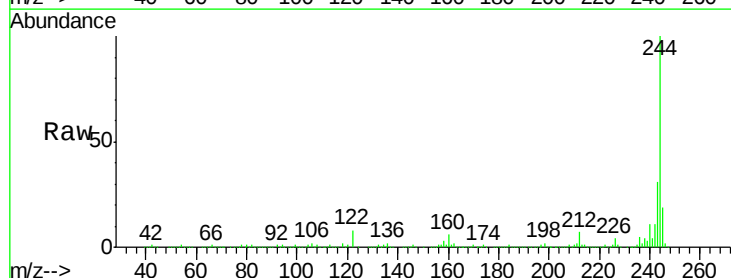
Tgt Ion:244 Resp: 1328300

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

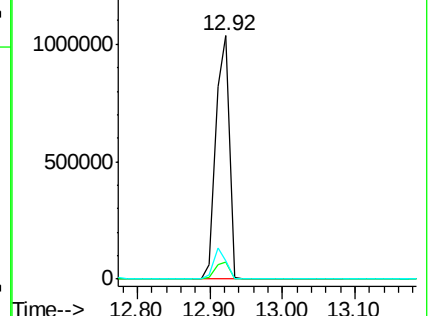
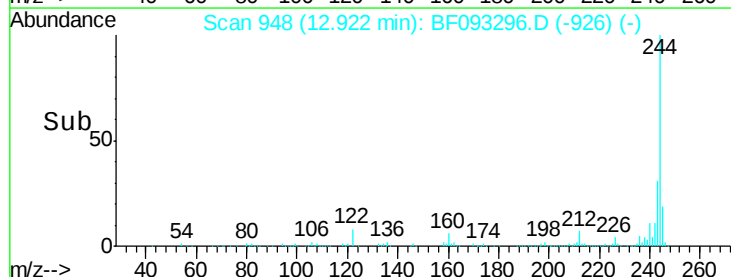
122 7.7 11.4 17.2#

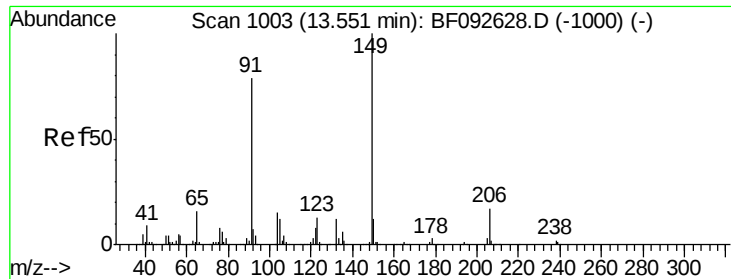


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

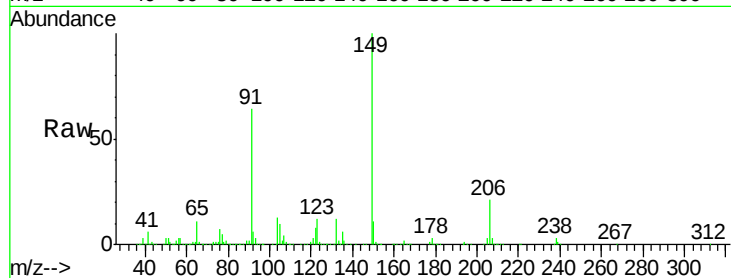




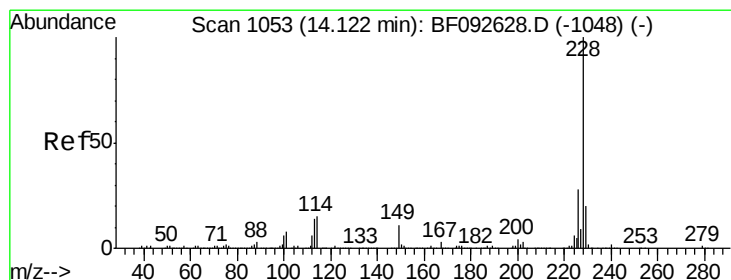
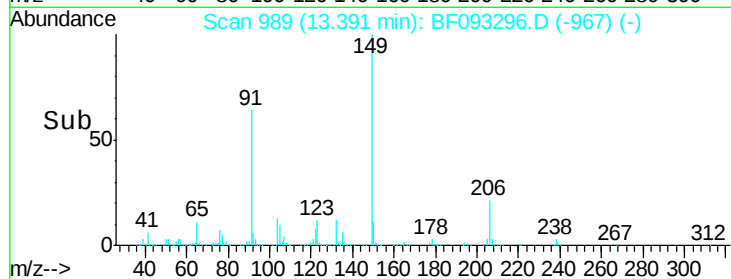
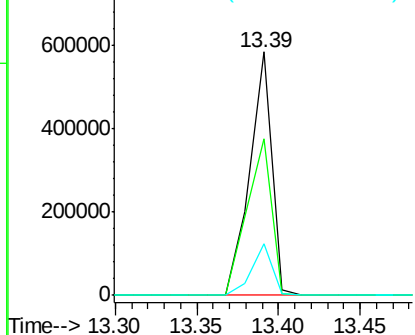
#79
Butylbenzylphthalate
Concen: 53.65 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Instrument :
BNA_F
ClientSampleId :
SSP-8(3.5-5.5)MSD

Tgt Ion:149 Resp: 550530
Ion Ratio Lower Upper
149 100
91 64.3 63.9 95.9
206 21.0 14.6 21.8

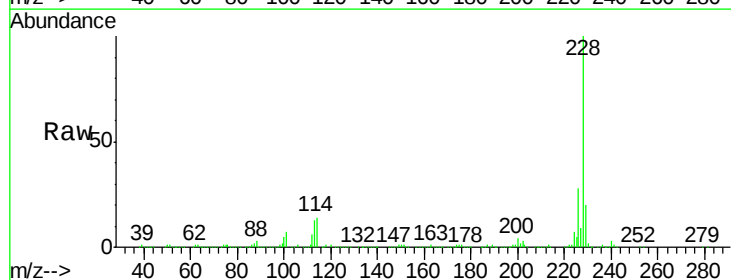


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

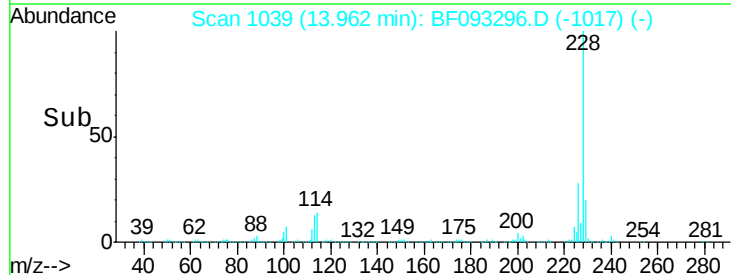
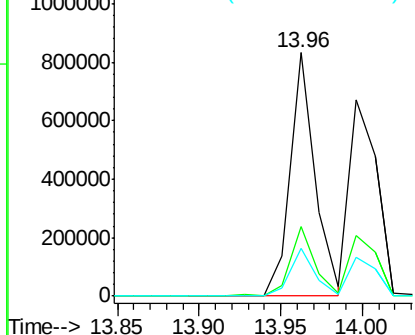


#80
Benzo(a)anthracene
Concen: 42.91 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093296.D
Acq: 1 Mar 2017 18:22

Tgt Ion:228 Resp: 886162
Ion Ratio Lower Upper
228 100
226 28.3 22.4 33.6
229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

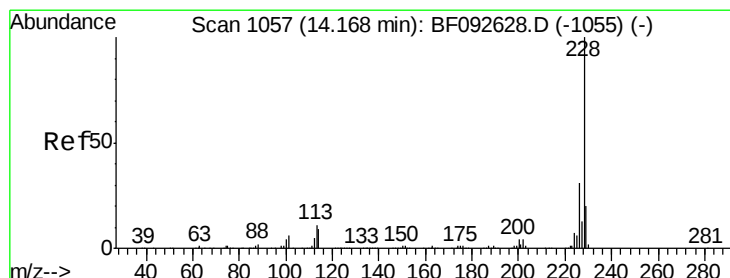
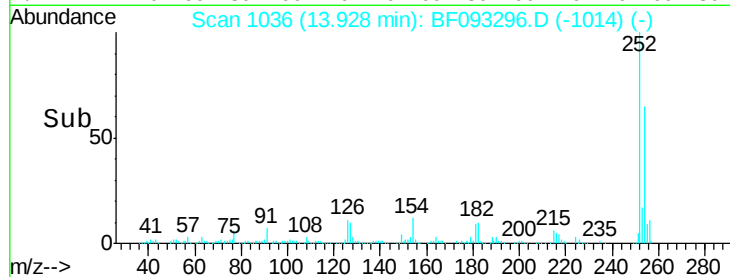
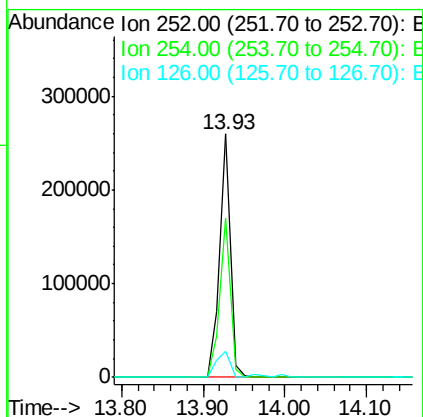
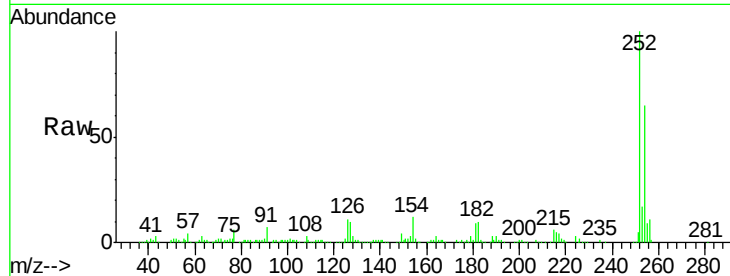




#81
 3,3'-Dichlorobenzidine
 Concen: 32.33 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

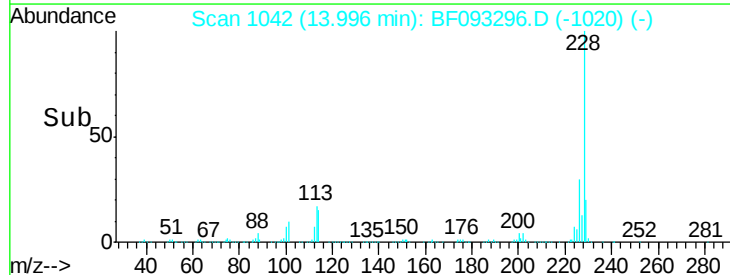
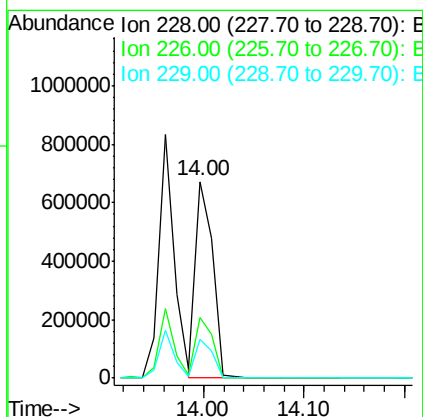
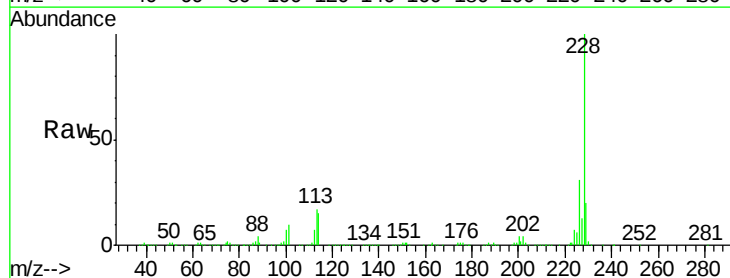
Instrument :
 BNA_F
 ClientSampleId :
 SSP-8(3.5-5.5)MSD

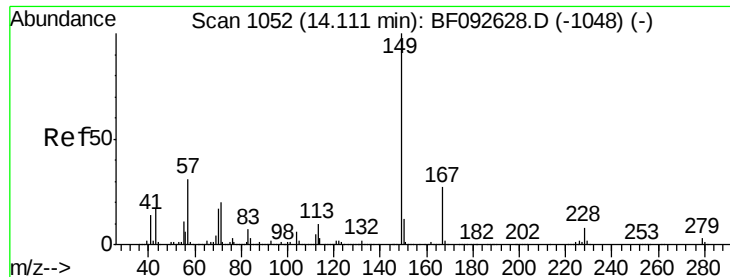
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.3	78.5
126	10.8	13.6	20.4



#82
 Chrysene
 Concen: 41.57 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF093296.D
 Acq: 1 Mar 2017 18:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	20.0	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.53 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

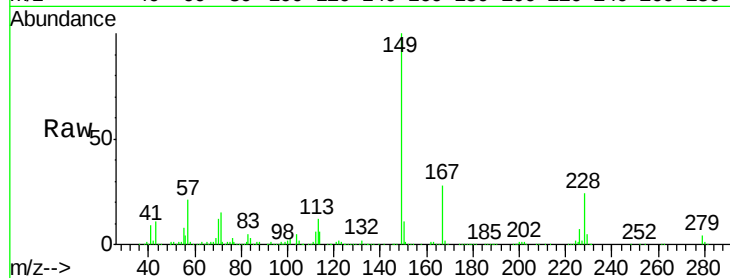
Tgt Ion:149 Resp: 723181

Ion Ratio Lower Upper

149 100

167 28.5 20.2 30.4

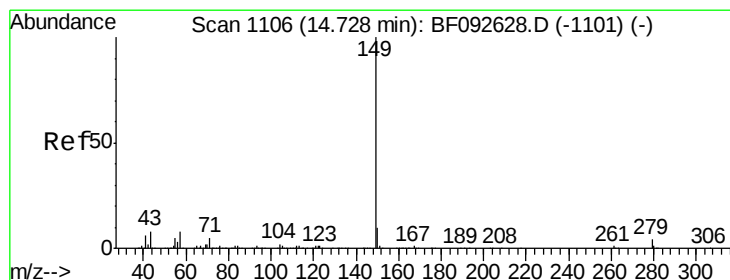
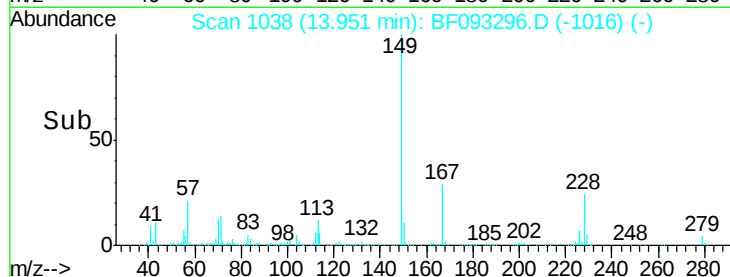
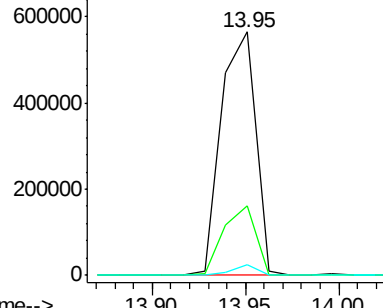
279 4.2 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.26 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

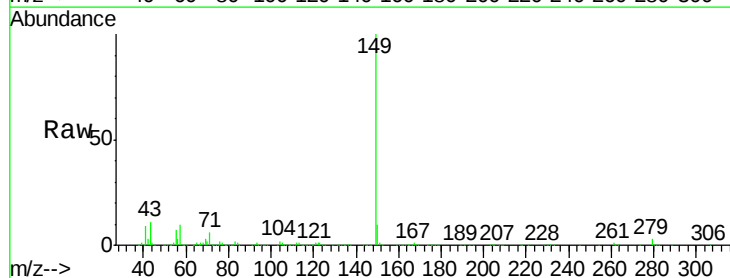
Tgt Ion:149 Resp: 1102751

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

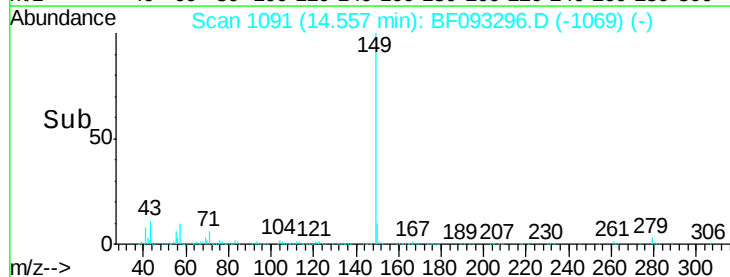
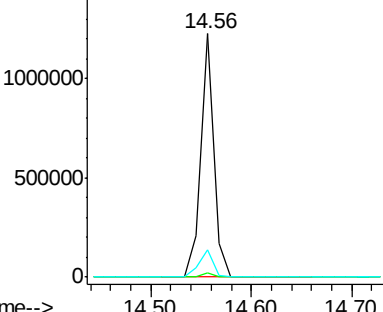
43 11.8 8.9 13.3

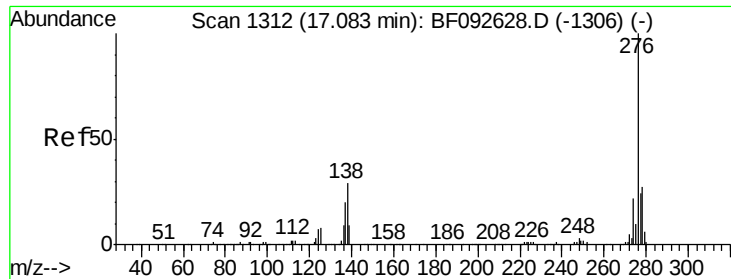


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 53.64 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.06 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

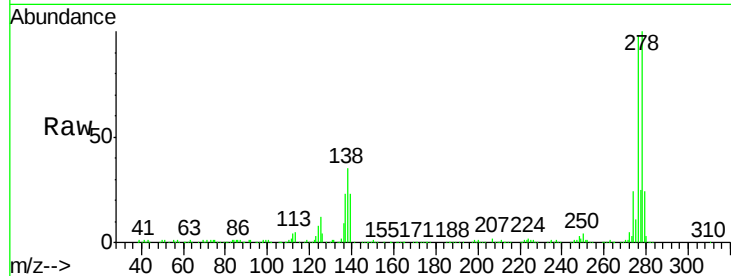
Tgt Ion:276 Resp: 803374

Ion Ratio Lower Upper

276 100

138 33.2 21.8 32.6#

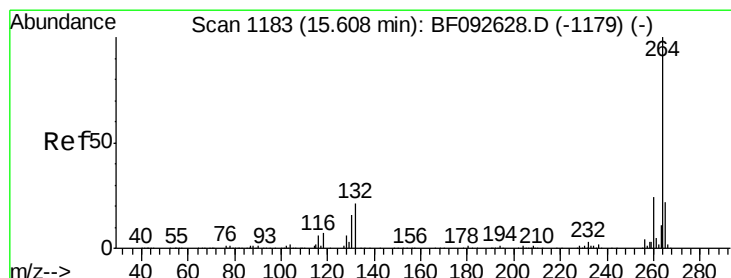
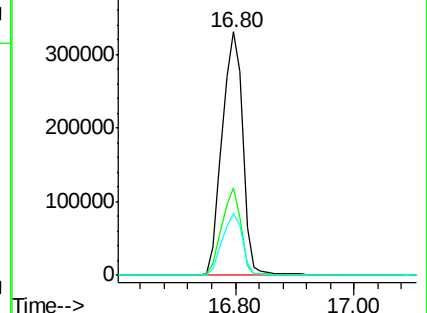
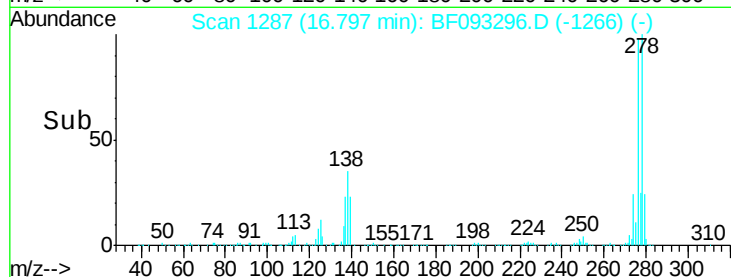
277 24.9 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

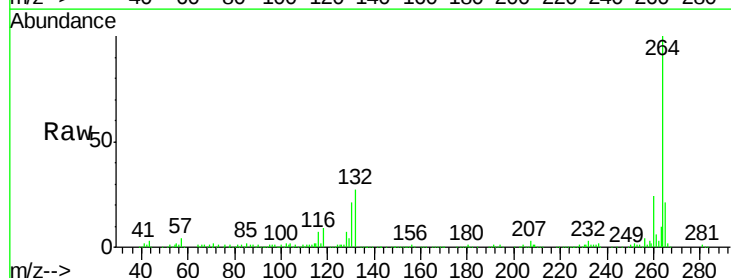
Tgt Ion:264 Resp: 267308

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

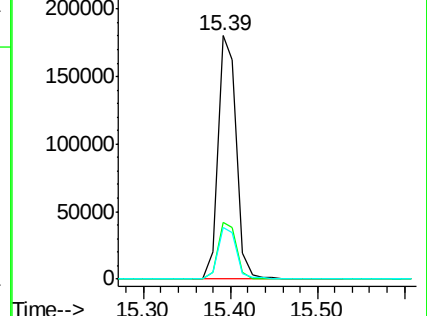
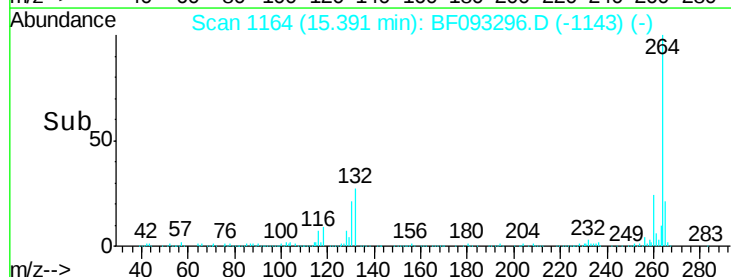
265 21.4 17.4 26.0

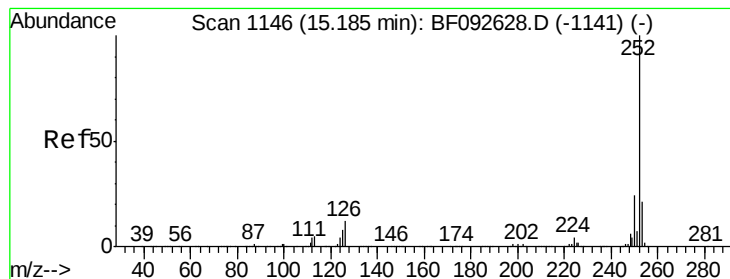


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 86.02 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

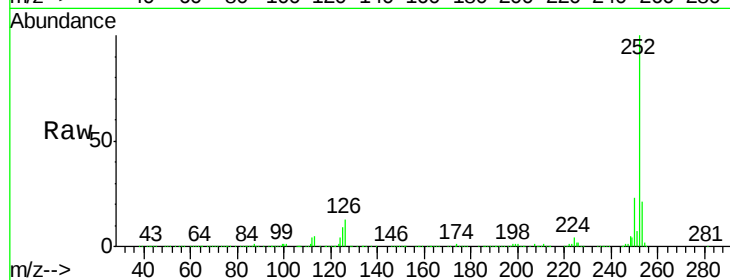
Tgt Ion:252 Resp: 1513444

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.4

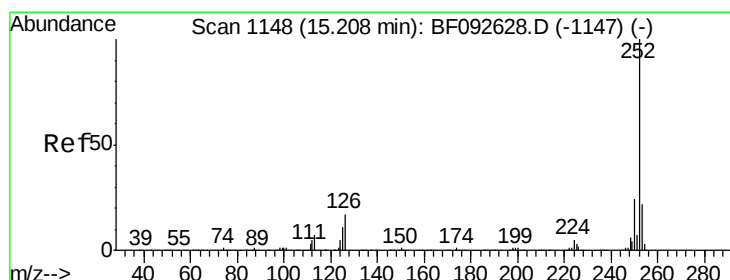
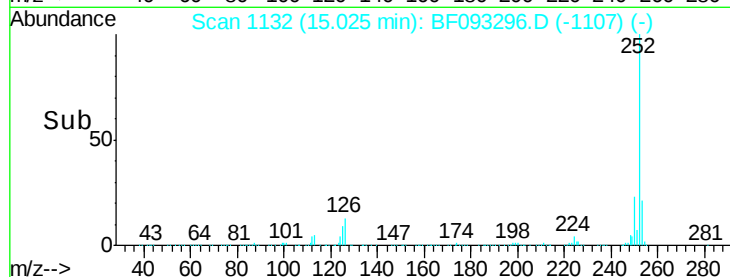
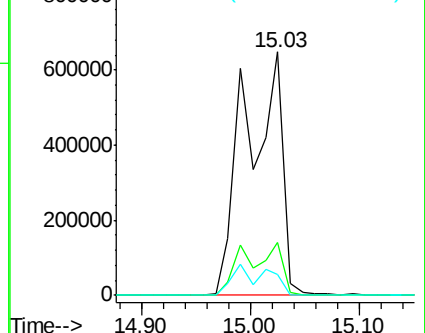
125 8.8 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 99.63 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

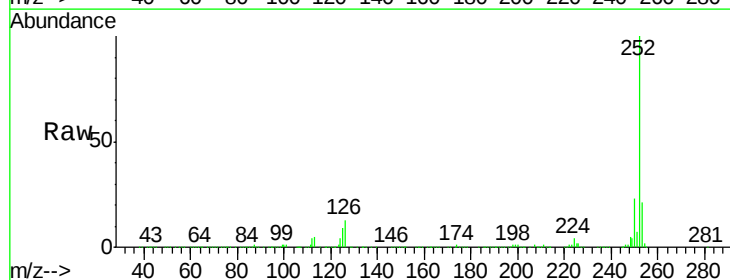
Tgt Ion:252 Resp: 1513444

Ion Ratio Lower Upper

252 100

253 21.5 18.5 27.7

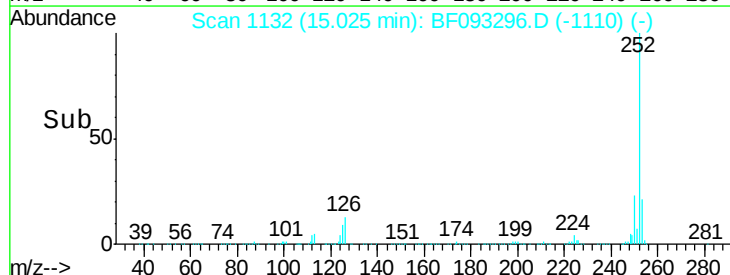
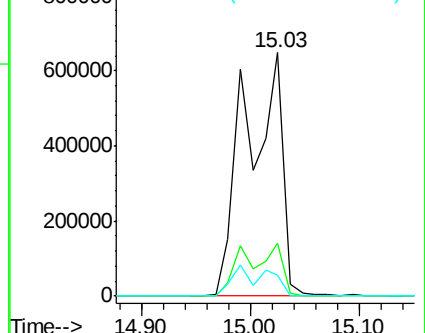
125 8.8 8.9 13.3#

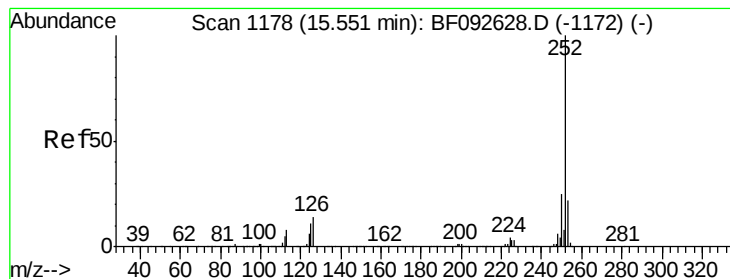


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.20 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.05 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD

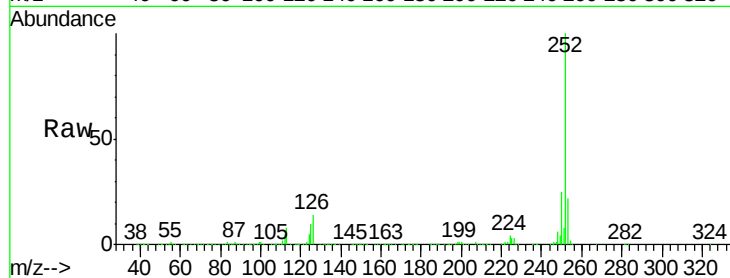
Tgt Ion:252 Resp: 733580

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

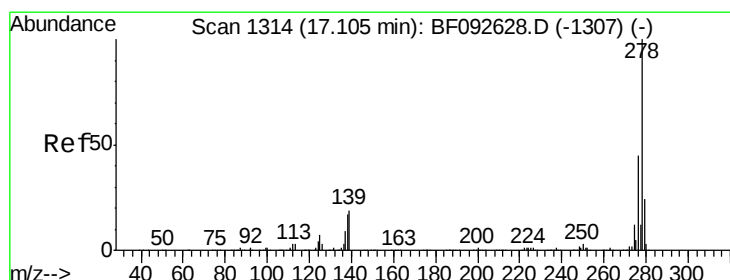
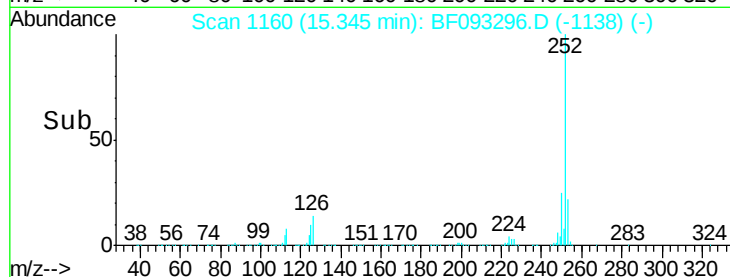
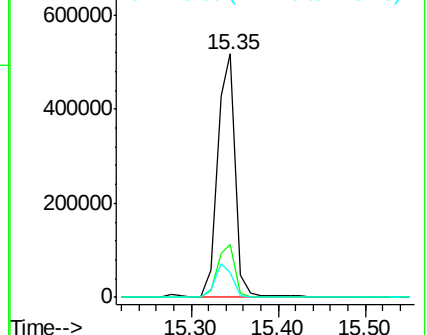
125 10.0 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.75 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.07 min

Lab File: BF093296.D

Acq: 1 Mar 2017 18:22

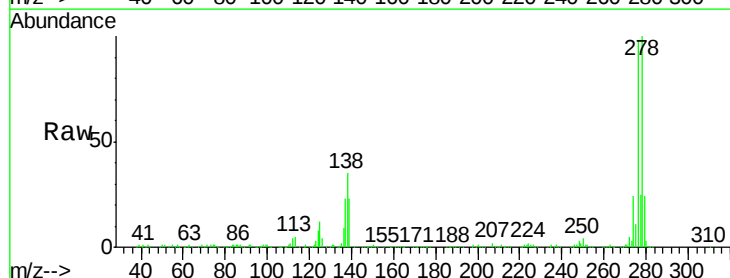
Tgt Ion:278 Resp: 661128

Ion Ratio Lower Upper

278 100

139 23.3 14.8 22.2#

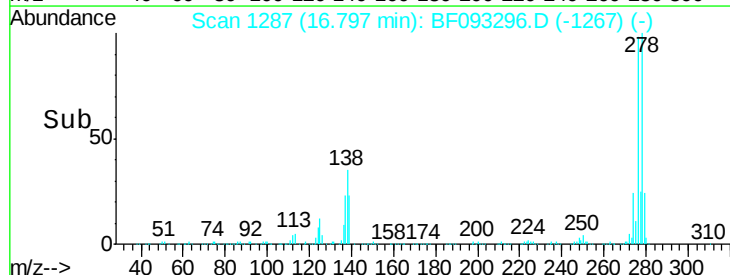
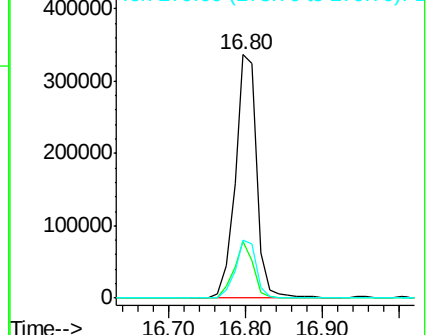
279 23.6 19.8 29.6

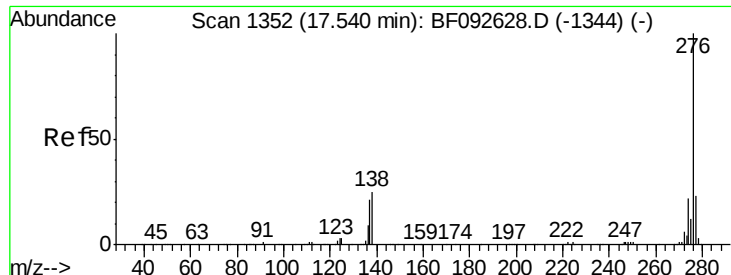


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 57.52 ng

RT: 17.22 min Scan# 1324

Delta R.T. -0.07 min

Lab File: BF093296.D

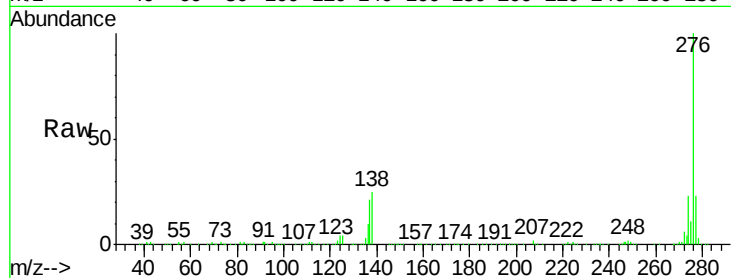
Acq: 1 Mar 2017 18:22

Instrument :

BNA_F

ClientSampleId :

SSP-8(3.5-5.5)MSD



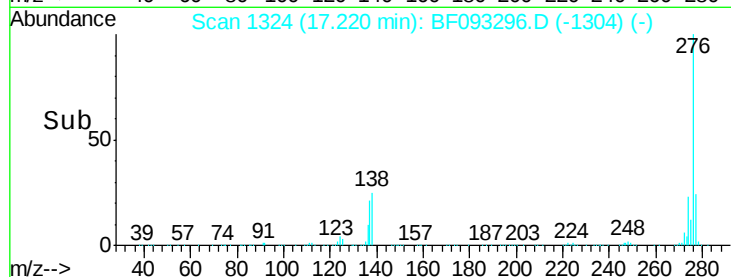
Tgt Ion: 276 Resp: 714739

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 25.2 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

