

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093326.D
 Acq On : 2 Mar 2017 17:47
 Operator : SJ/MA
 Sample : PB97286BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

Quant Time: Mar 03 00:14:21 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	6.80	152	155300	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	607625	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	280205	20.00	ng	-0.05
63) Phenanthrene-d10	11.34	188	524202	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	467223	20.00	ng	-0.03
86) Perylene-d12	15.40	264	396507	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1221191	134.91	ng	-0.05
7) Phenol-d6	6.45	99	1546261	132.76	ng	-0.03
23) Nitrobenzene-d5	7.37	82	949326	87.00	ng	-0.06
41) 2,4,6-Tribromophenol	10.65	330	292436	144.30	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1434441	92.74	ng	-0.05
78) Terphenyl-d14	12.93	244	1331454	66.96	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	172857	35.34	ng	# 83
3) Pyridine	3.09	79	535730	43.07	ng	# 85
4) n-Nitrosodimethylamine	3.06	42	260715	44.64	ng	85
6) Aniline	6.46	93	325914	20.51	ng	# 84
8) 2-Chlorophenol	6.58	128	412724	41.33	ng	87
9) Benzaldehyde	6.34	77	116848	14.00	ng	85
10) Phenol	6.46	94	538758	39.54	ng	81
11) bis(2-Chloroethyl)ether	6.53	93	418727	38.50	ng	92
12) 1,3-Dichlorobenzene	6.97	146	438304	37.47	ng	94
13) 1,4-Dichlorobenzene	6.81	146	456788	38.59	ng	100
14) 1,2-Dichlorobenzene	6.97	146	439521	38.83	ng	95
15) Benzyl Alcohol	6.94	79	336244	39.00	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	719419	38.07	ng	93
17) 2-Methylphenol	7.07	107	358503	41.85	ng	96
18) Hexachloroethane	7.31	117	166538	41.21	ng	# 90
19) n-Nitroso-di-n-propylamine	7.22	70	317254	42.79	ng	97
20) 3+4-Methylphenols	7.23	107	487095	47.55	ng	# 74
22) Acetophenone	7.22	105	595093	42.90	ng	# 96
24) Nitrobenzene	7.39	77	495438	44.22	ng	96
25) Isophorone	7.63	82	886776	43.61	ng	95
26) 2-Nitrophenol	7.71	139	245297	46.06	ng	94
27) 2,4-Dimethylphenol	7.76	122	418432	44.74	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	571861	42.47	ng	99
29) 2,4-Dichlorophenol	7.96	162	380423	43.61	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	359260	38.22	ng	95
31) Naphthalene	8.11	128	1188834	38.60	ng	99
32) Benzoic acid	7.90	122	153668	31.83	ng	97
33) 4-Chloroaniline	8.17	127	206194	17.07	ng	95
34) Hexachlorobutadiene	8.22	225	185796	35.92	ng	99
35) Caprolactam	8.54	113	83303	30.36	ng	# 28
36) 4-Chloro-3-methylphenol	8.67	107	371503	40.85	ng	98
37) 2-Methylnaphthalene	8.81	142	770033	38.94	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	356118	45.28	ng	99
40) Hexachlorocyclopentadiene	8.96	237	236146	66.54	ng	96

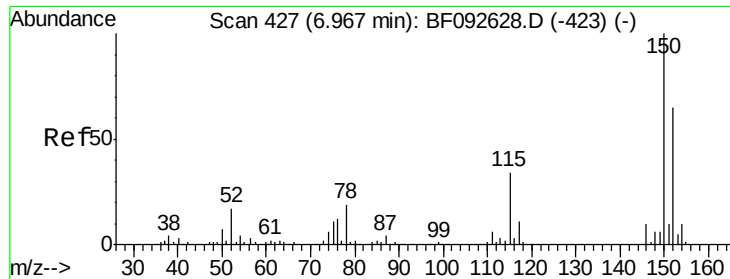
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093326.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	229034	44.31	ng	91
43) 2,4,5-Trichlorophenol	9.15	196	225021	39.74	ng	# 84
45) 1,1'-Biphenyl	9.28	154	963590	47.49	ng	98
46) 2-Chloronaphthalene	9.30	162	713195	44.93	ng	96
47) 2-Nitroaniline	9.40	65	243300	45.59	ng	92
48) Acenaphthylene	9.71	152	1167569	42.58	ng	98
49) Dimethylphthalate	9.58	163	911533	48.30	ng	100
50) 2,6-Dinitrotoluene	9.65	165	214389	52.60	ng	96
51) Acenaphthene	9.88	154	656075	40.02	ng	96
52) 3-Nitroaniline	9.82	138	124668	26.73	ng	81
53) 2,4-Dinitrophenol	9.94	184	175426	84.33	ng	# 52
54) Dibenzofuran	10.06	168	1004532	45.81	ng	92
55) 4-Nitrophenol	10.01	139	202664	60.32	ng	91
56) 2,4-Dinitrotoluene	10.06	165	254627	46.92	ng	95
57) Fluorene	10.41	166	819771	48.60	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	189279	50.11	ng	96
59) Diethylphthalate	10.28	149	811294	45.61	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	357011	44.05	ng	88
61) 4-Nitroaniline	10.44	138	215129	45.03	ng	94
62) Azobenzene	10.56	77	959423	52.21	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	140844	44.36	ng	# 50
65) n-Nitrosodiphenylamine	10.52	169	733865	43.82	ng	100
66) 4-Bromophenyl-phenylether	10.89	248	220109	40.19	ng	91
67) Hexachlorobenzene	10.96	284	213859	39.52	ng	# 90
68) Atrazine	11.05	200	230219	42.84	ng	100
69) Pentachlorophenol	11.16	266	177496	65.01	ng	98
70) Phenanthrene	11.37	178	1096201	36.50	ng	98
71) Anthracene	11.42	178	1282989	42.54	ng	99
72) Carbazole	11.58	167	1160558	40.26	ng	99
73) Di-n-butylphthalate	11.90	149	1294189	41.51	ng	# 98
74) Fluoranthene	12.56	202	1216820	39.28	ng	97
76) Benzidine	12.68	184	437153	21.96	ng	97
77) Pyrene	12.78	202	1229095	35.15	ng	99
79) Butylbenzylphthalate	13.40	149	580751	40.90	ng	95
80) Benzo(a)anthracene	13.97	228	1062899	37.20	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	249791	24.52	ng	# 93
82) Chrysene	14.01	228	931436	34.81	ng	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	829627	42.72	ng	# 99
84) Di-n-octyl phthalate	14.57	149	1459795	46.17	ng	99
85) Indeno(1,2,3-cd)pyrene	16.80	276	820354	39.58	ng	# 94
87) Benzo(b)fluoranthene	15.03	252	1894259	72.58	ng	98
88) Benzo(k)fluoranthene	15.03	252	1895026	84.10	ng	# 97
89) Benzo(a)pyrene	15.35	252	888213	39.35	ng	96
90) Dibenzo(a,h)anthracene	16.81	278	693677	38.02	ng	98
91) Benzo(g,h,i)perylene	17.22	276	699288	37.94	ng	# 94

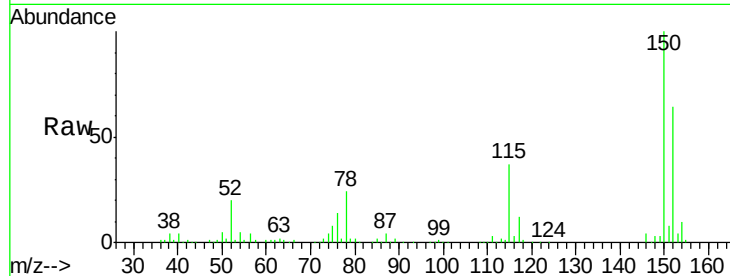
(#) = qualifier out of range (m) = manual integration (+) = signals summed



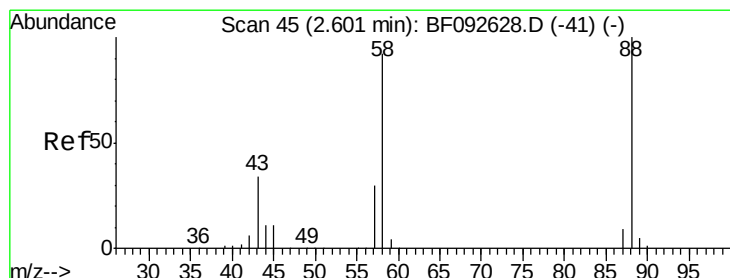
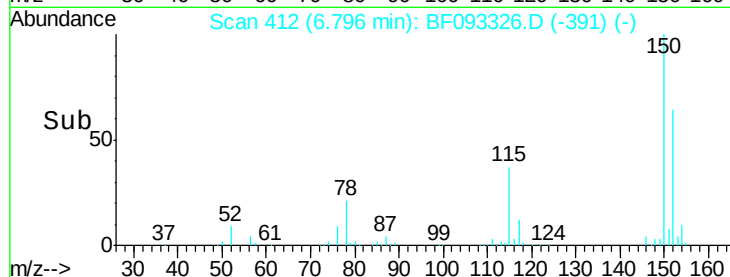
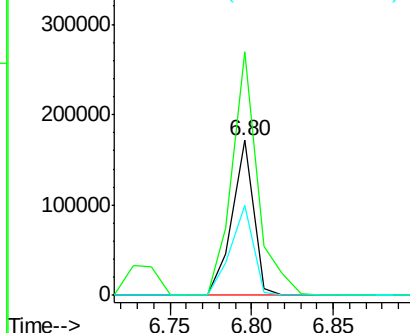
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.06 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

Tgt Ion:152 Resp: 155300
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.9 187.3
 115 57.9 46.0 69.0

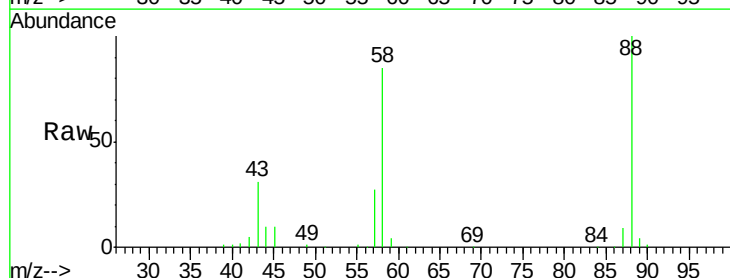


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

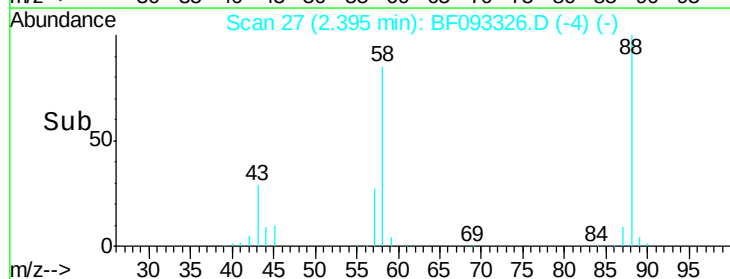
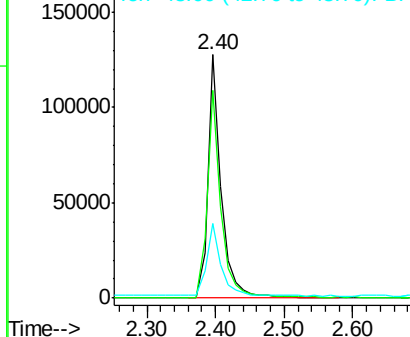


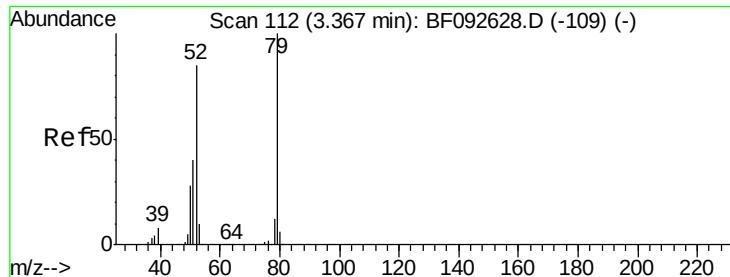
#2
 1,4-Dioxane
 Concen: 35.34 ng
 RT: 2.40 min Scan# 27
 Delta R.T. -0.03 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Tgt Ion: 88 Resp: 172857
 Ion Ratio Lower Upper
 88 100
 58 90.1 57.8 86.8#
 43 31.6 22.3 33.5



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





#3

Pyridine

Concen: 43.07 ng

RT: 3.09 min Scan# 88

Delta R.T. -0.06 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

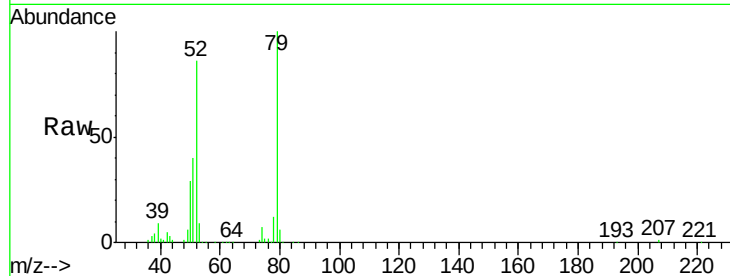
Tgt Ion: 79 Resp: 535730

Ion Ratio Lower Upper

79 100

52 86.3 57.1 85.7#

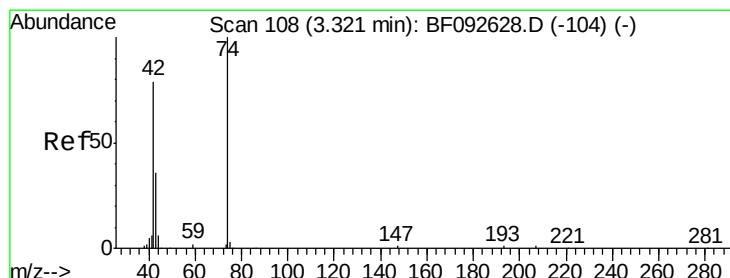
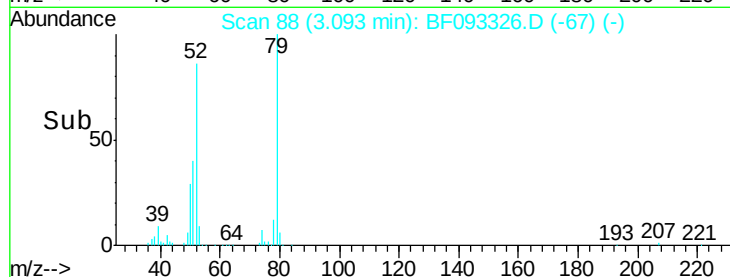
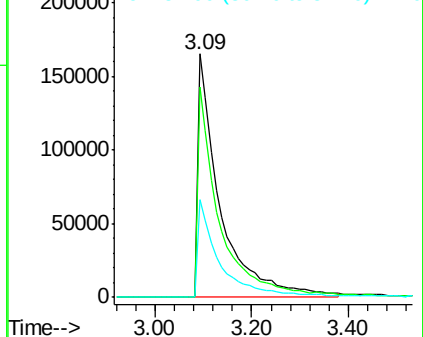
51 39.9 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.64 ng

RT: 3.06 min Scan# 85

Delta R.T. -0.05 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

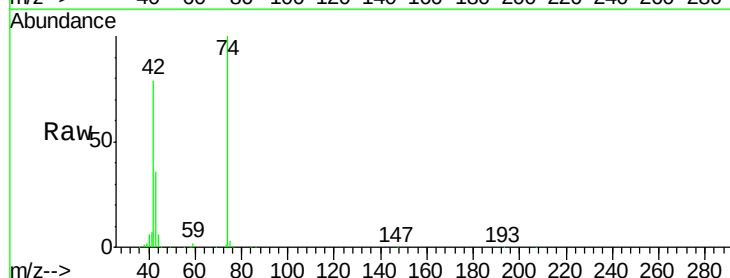
Tgt Ion: 42 Resp: 260715

Ion Ratio Lower Upper

42 100

74 126.3 117.0 175.4

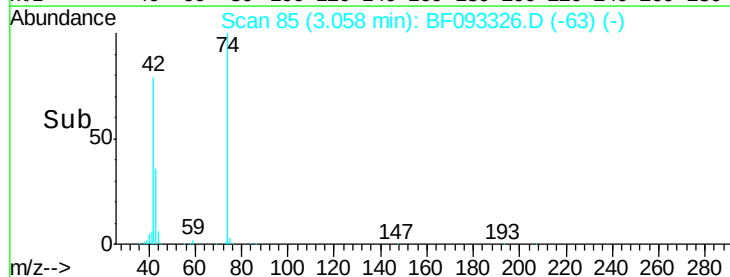
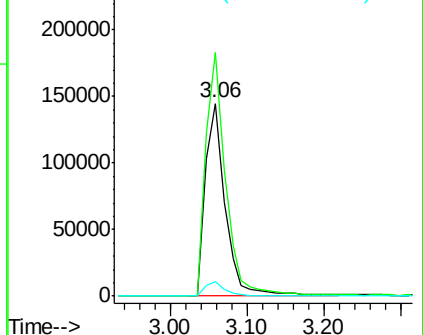
44 7.6 5.5 8.3

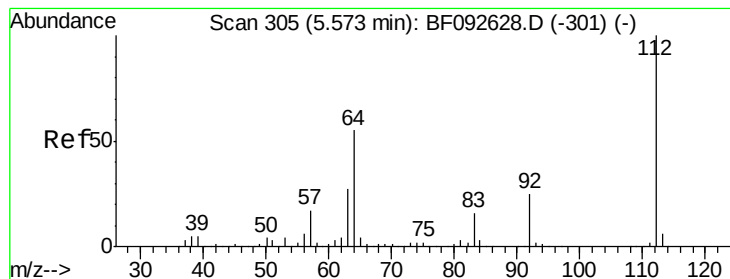


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 134.91 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

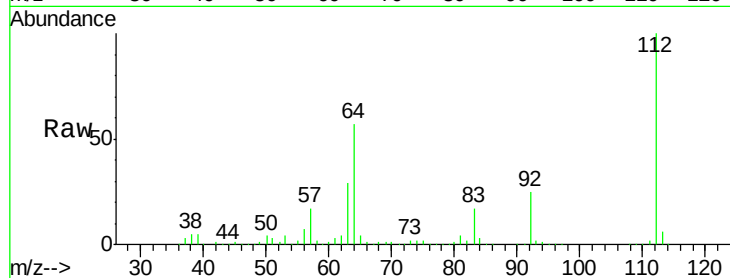
Tgt Ion: 112 Resp: 1221191

Ion Ratio Lower Upper

112 100

64 56.9 46.1 69.1

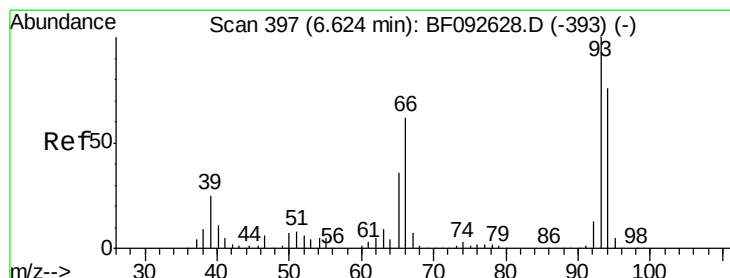
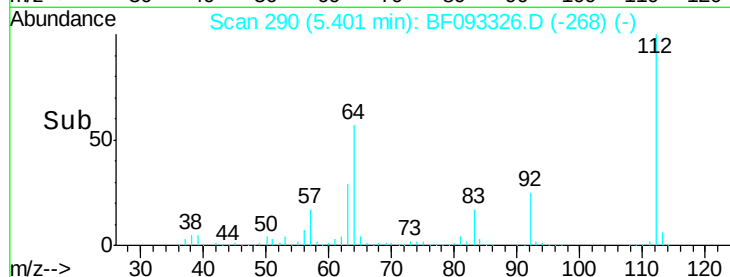
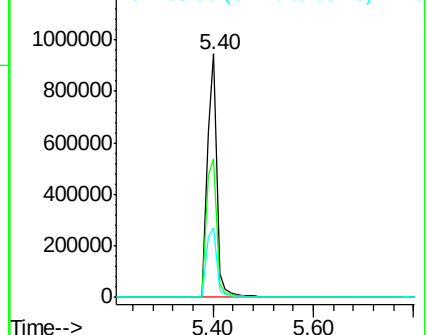
63 28.5 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.51 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

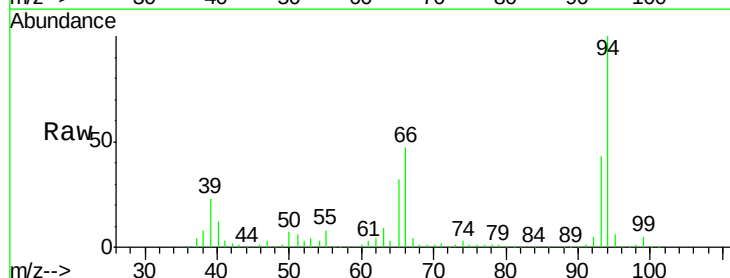
Tgt Ion: 93 Resp: 325914

Ion Ratio Lower Upper

93 100

66 110.5 76.2 114.2

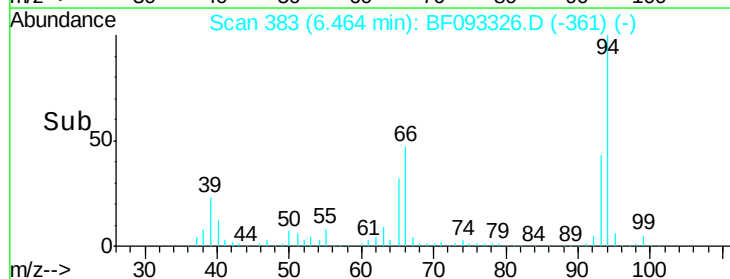
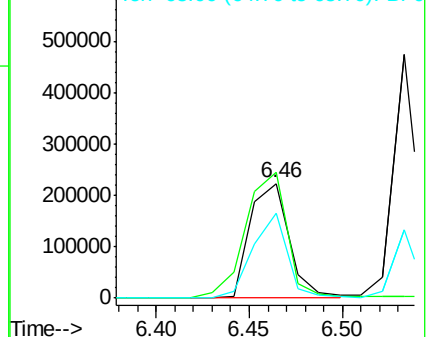
65 74.0 49.3 73.9#

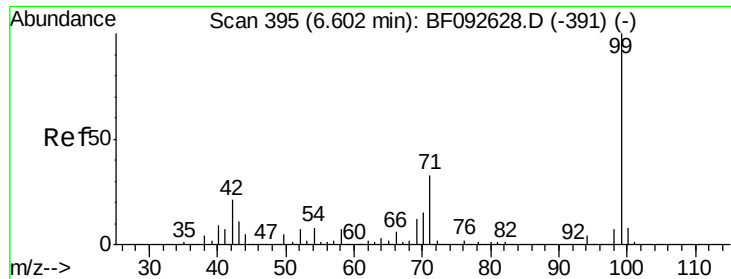


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.76 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

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PB97286BSD

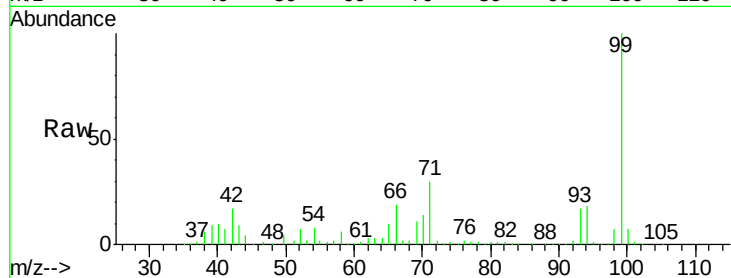
Tgt Ion: 99 Resp: 1546261

Ion Ratio Lower Upper

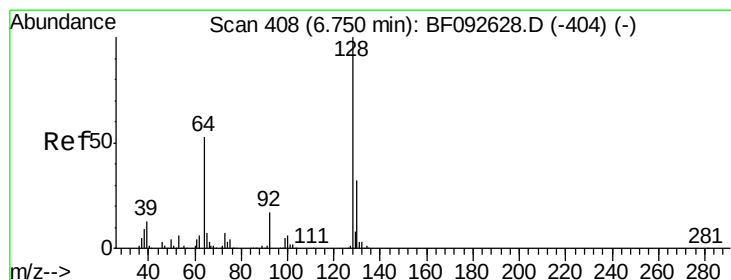
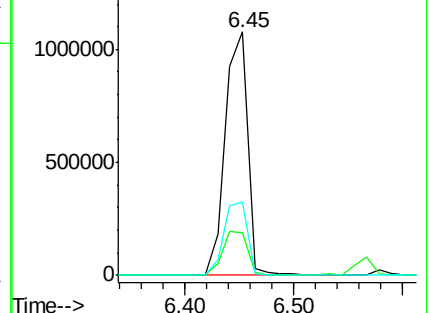
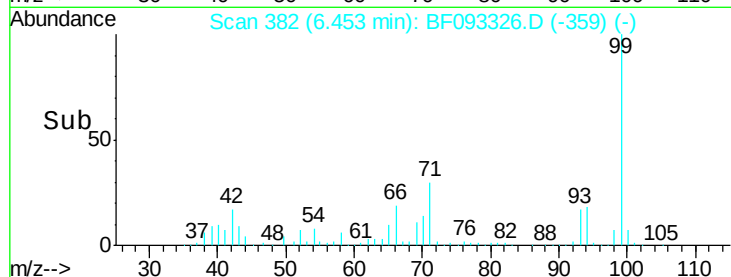
99 100

42 17.5 15.6 23.4

71 30.3 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: 41.33 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

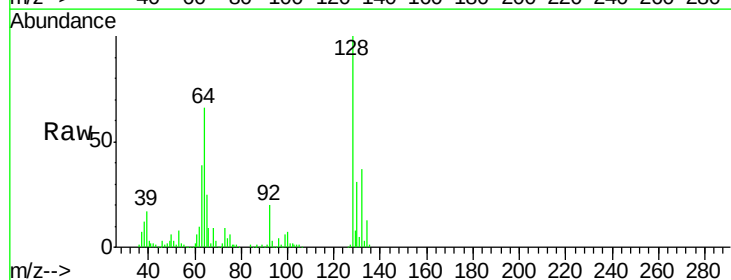
Tgt Ion: 128 Resp: 412724

Ion Ratio Lower Upper

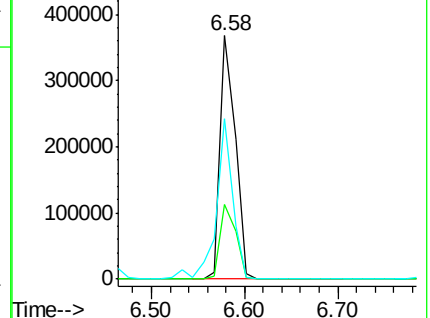
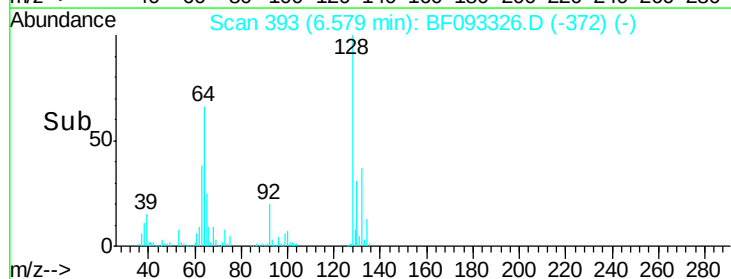
128 100

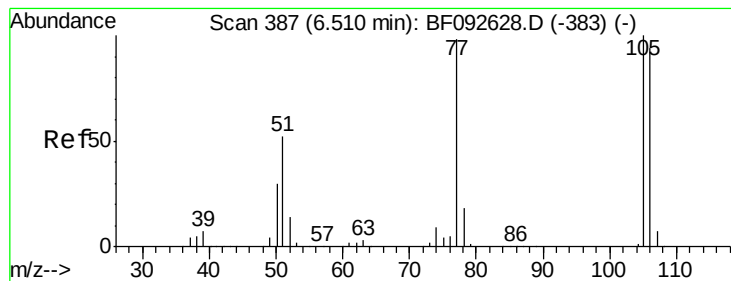
130 30.9 12.3 52.3

64 66.1 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: 14.00 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

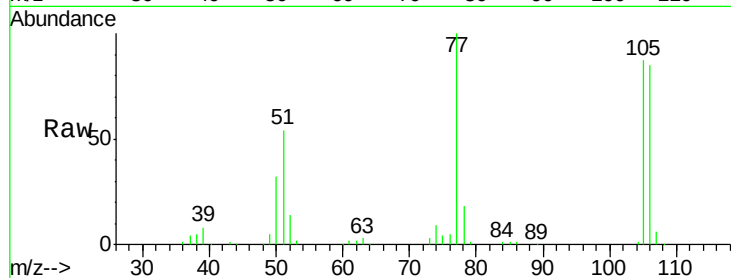
Tgt Ion: 77 Resp: 116848

Ion Ratio Lower Upper

77 100

105 87.4 83.9 123.9

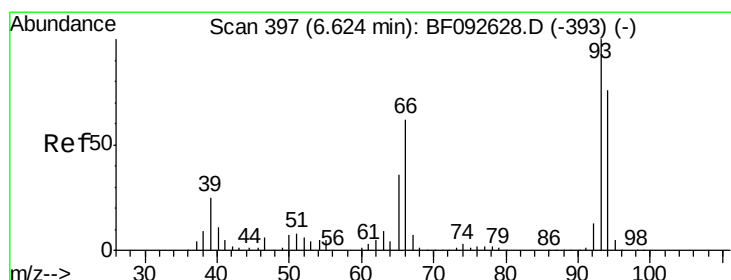
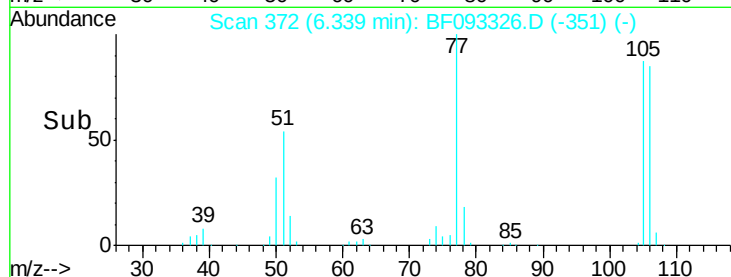
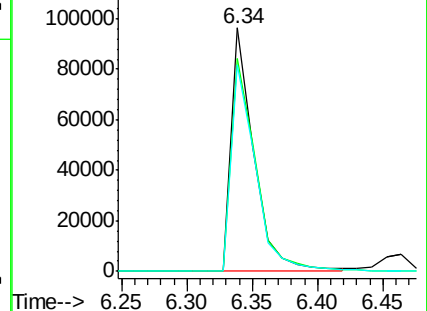
106 85.0 77.6 117.6



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: 39.54 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

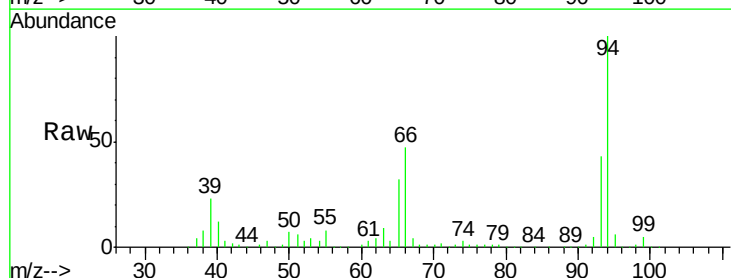
Tgt Ion: 94 Resp: 538758

Ion Ratio Lower Upper

94 100

65 31.7 21.4 61.4

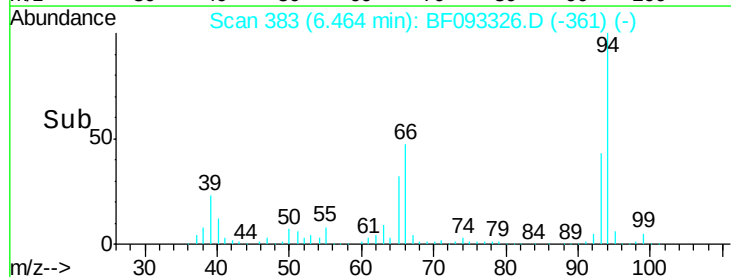
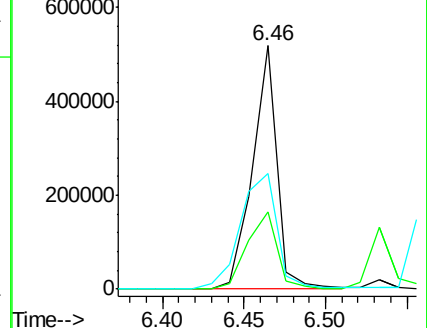
66 47.3 44.0 84.0

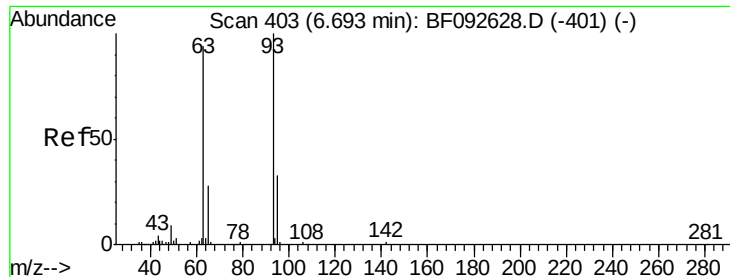


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

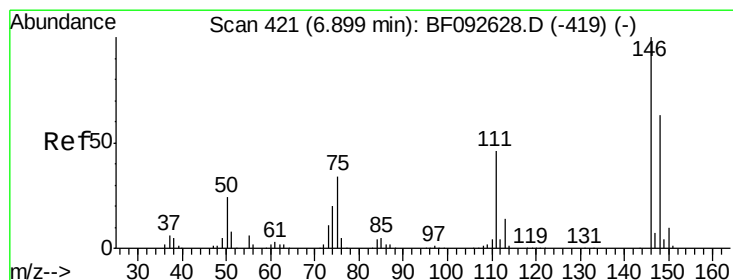
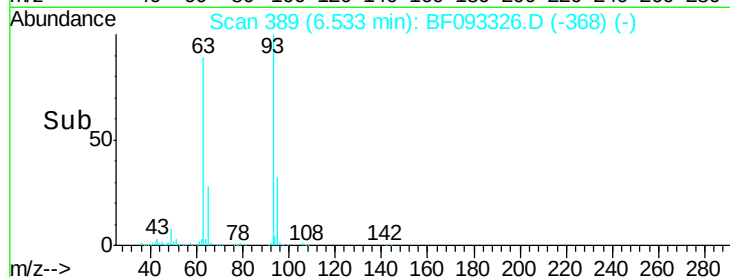
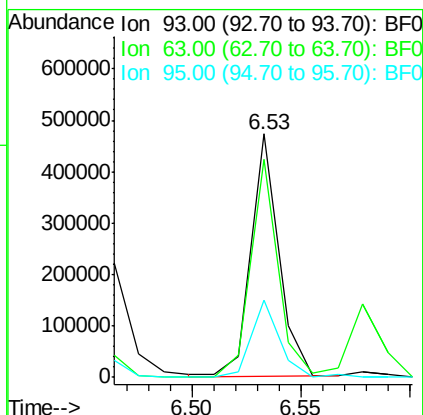
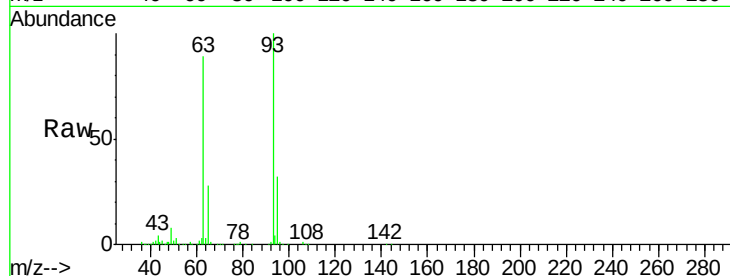




#11
bis(2-Chloroethyl)ether
Concen: 38.50 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.06 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

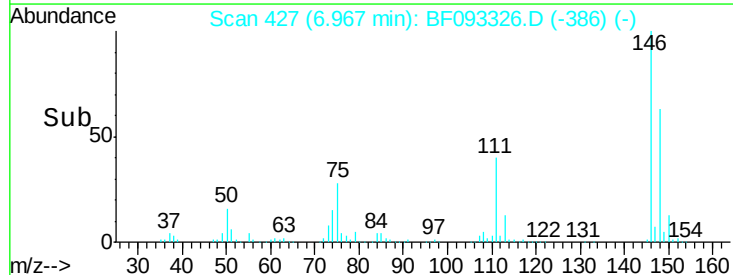
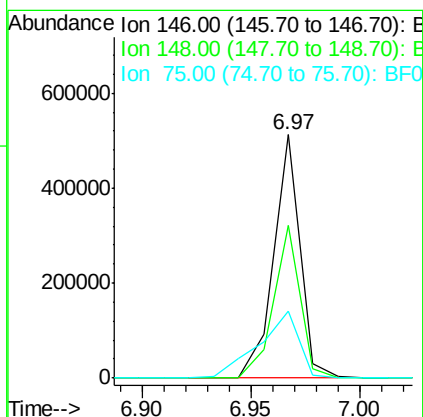
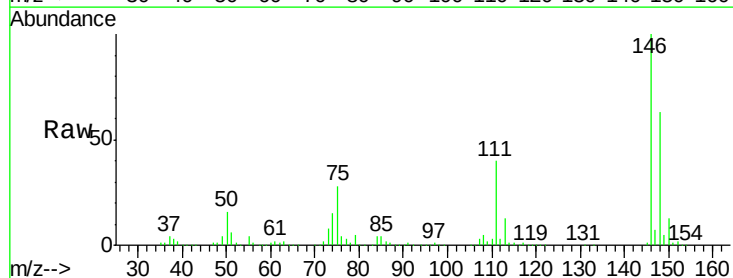
Instrument :
BNA_F
ClientSampleId :
PB97286BSD

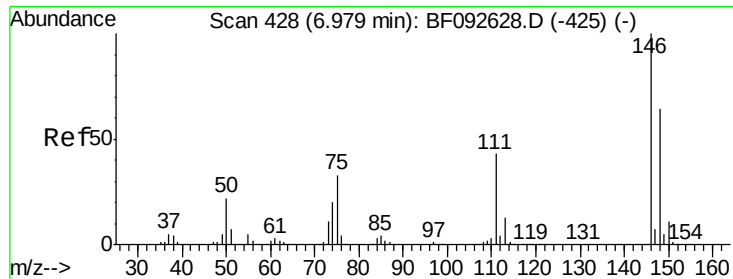
Tgt Ion: 93 Resp: 418727
Ion Ratio Lower Upper
93 100
63 89.4 60.4 100.4
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.47 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.17 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Tgt Ion: 146 Resp: 438304
Ion Ratio Lower Upper
146 100
148 62.8 53.4 80.0
75 27.7 18.5 27.7

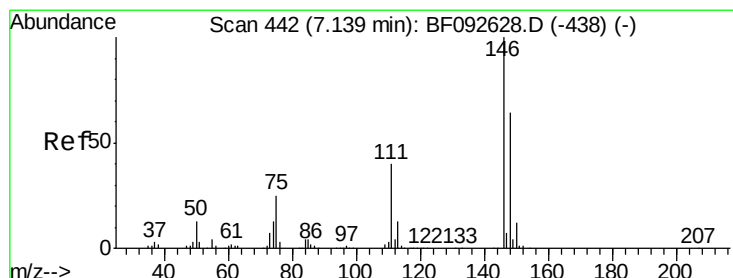
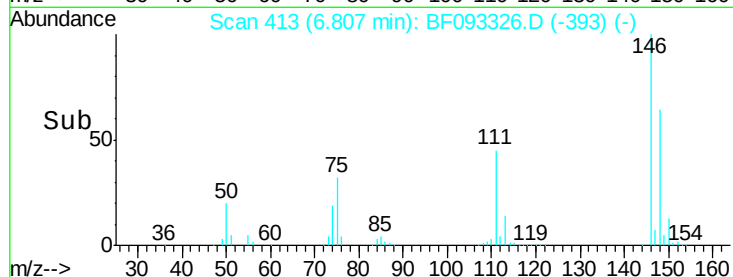
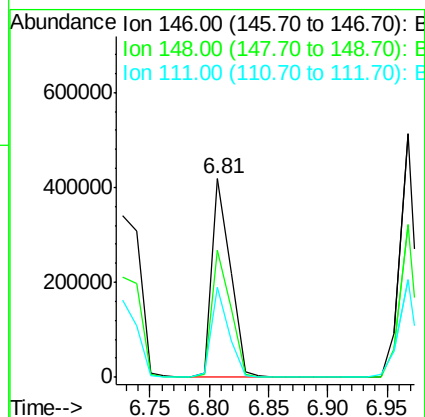
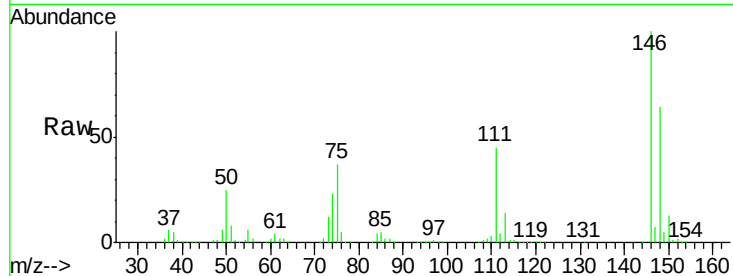




#13
 1,4-Dichlorobenzene
 Concen: 38.59 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.07 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

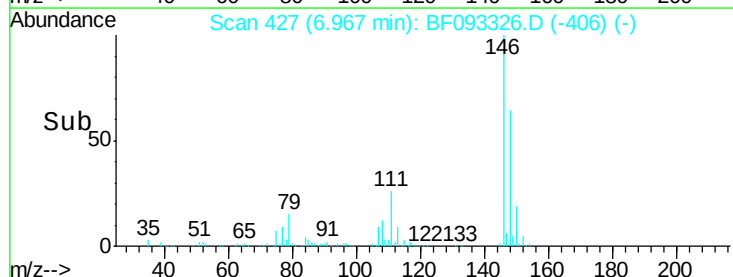
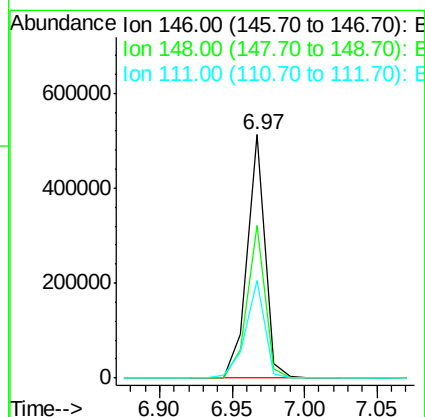
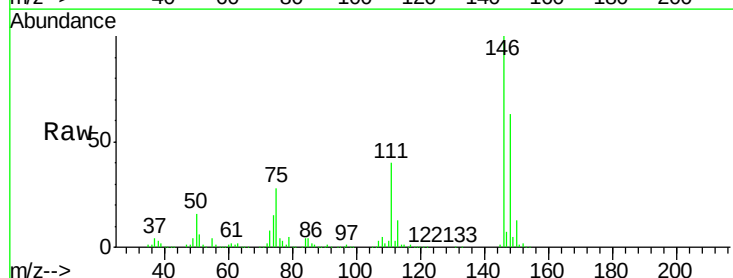
Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

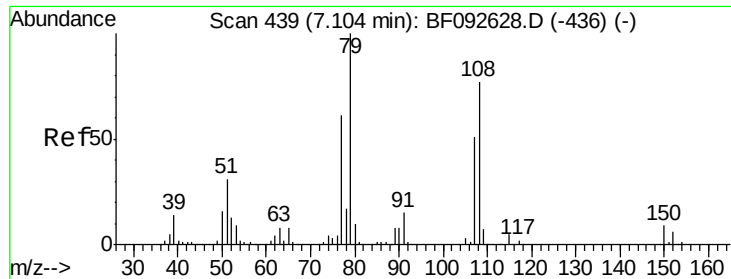
Tgt Ion:146 Resp: 456788
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 76.0
 111 45.2 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 38.83 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.06 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Tgt Ion:146 Resp: 439521
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.2 78.2
 111 40.3 36.2 54.2

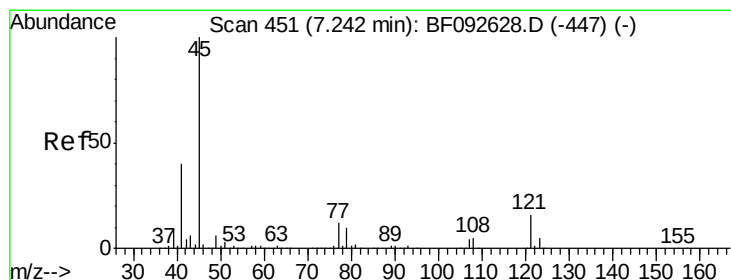
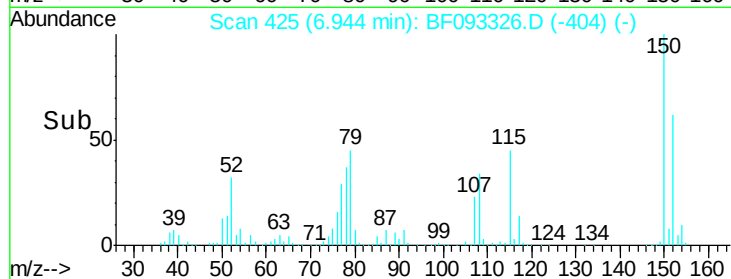
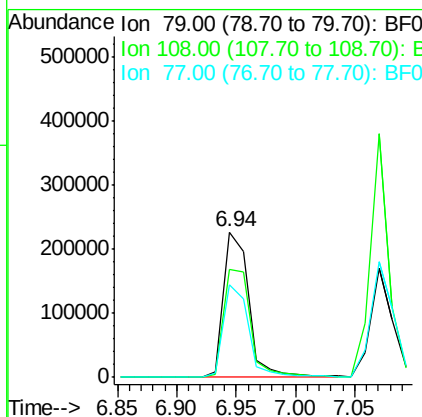
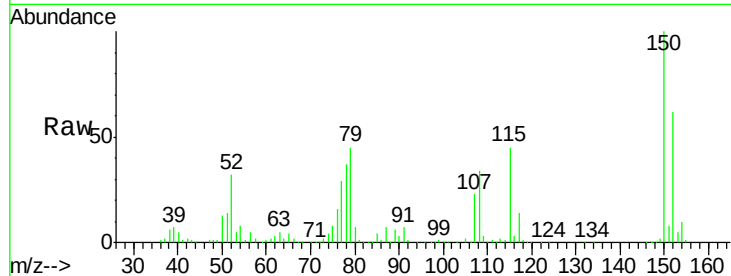




#15
Benzyl Alcohol
Concen: 39.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.06 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

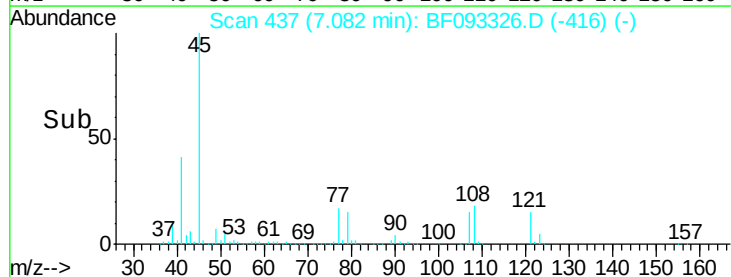
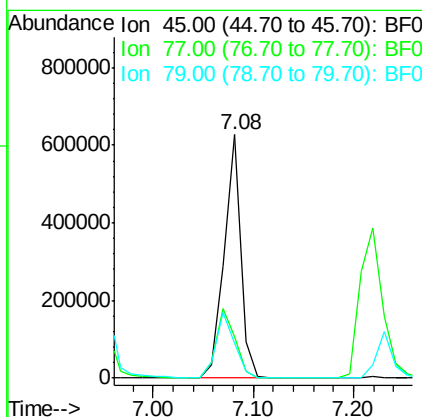
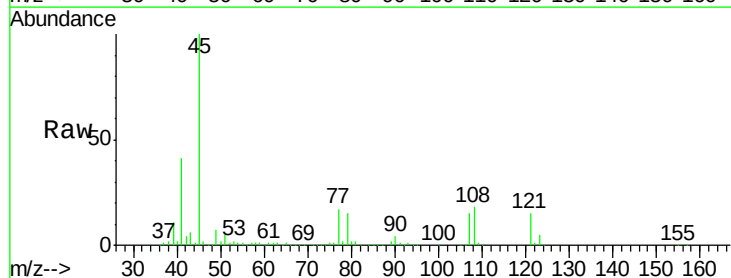
Instrument :
BNA_F
ClientSampleId :
PB97286BSD

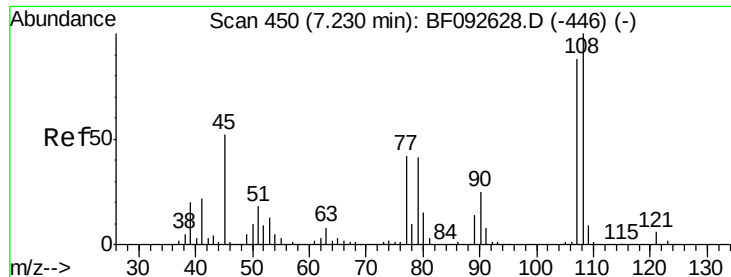
Tgt Ion: 79 Resp: 336244
Ion Ratio Lower Upper
79 100
108 74.3 61.4 92.0
77 63.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.07 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.06 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Tgt Ion: 45 Resp: 719419
Ion Ratio Lower Upper
45 100
77 17.2 0.0 34.6
79 14.5 0.0 31.2

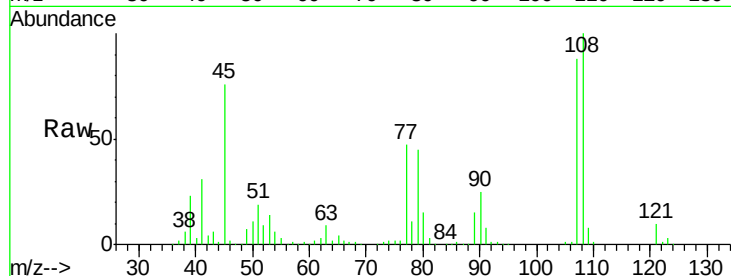




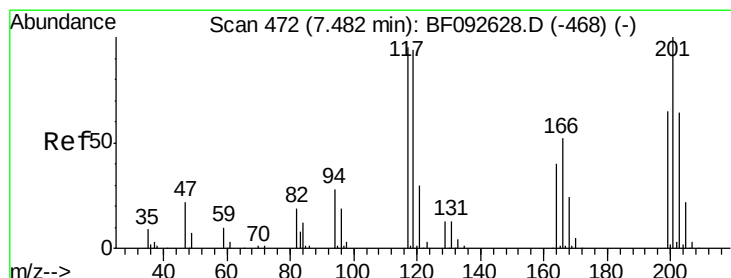
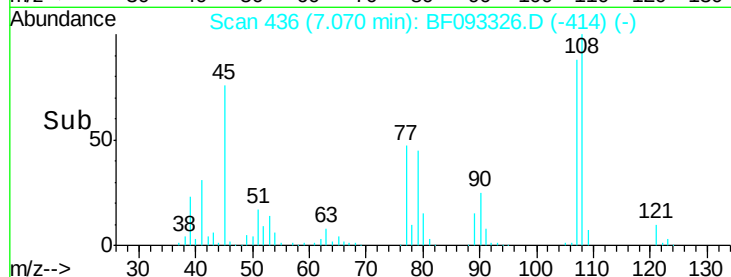
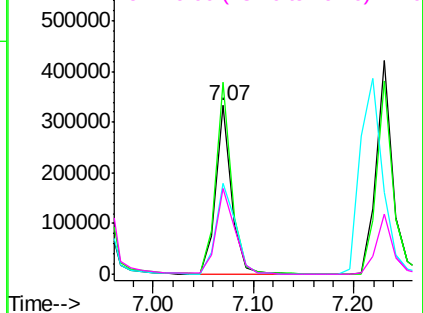
#17
2-Methylphenol
Concen: 41.85 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB97286BSD

Tgt Ion:107 Resp: 358503
Ion Ratio Lower Upper
107 100
108 114.0 93.0 139.6
77 54.1 39.8 59.8
79 51.3 38.0 57.0

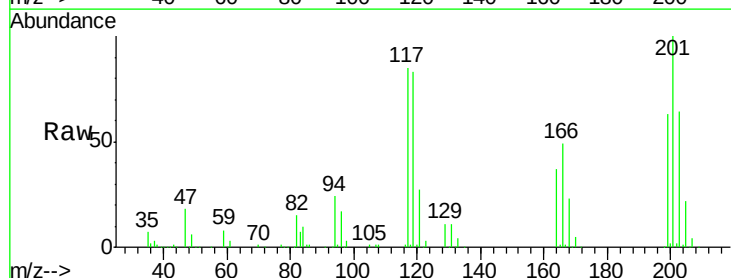


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

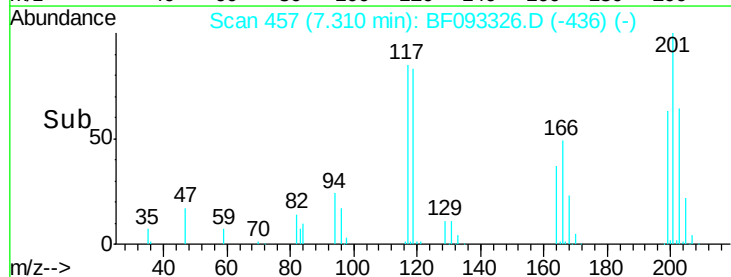
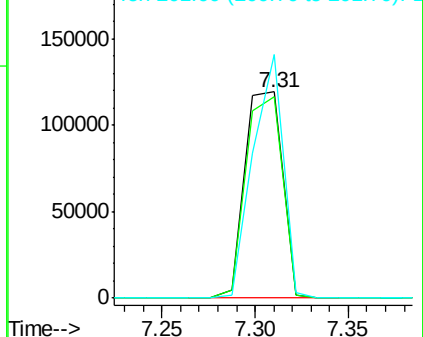


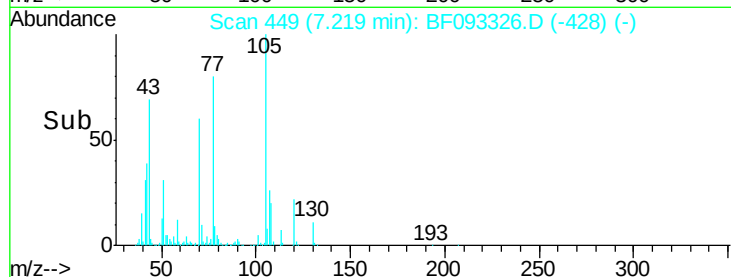
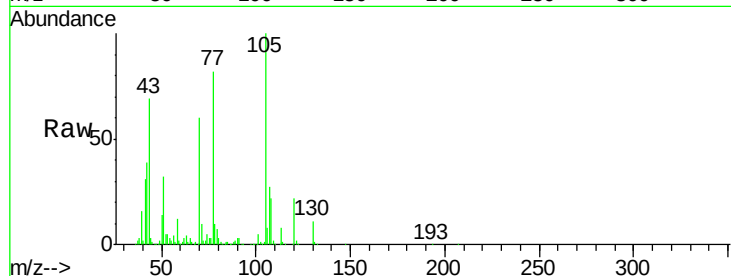
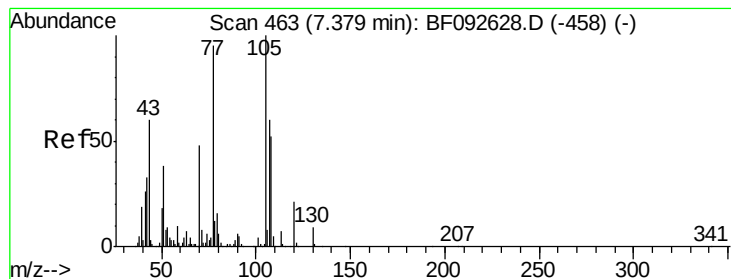
#18
Hexachloroethane
Concen: 41.21 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.06 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Tgt Ion:117 Resp: 166538
Ion Ratio Lower Upper
117 100
119 97.8 78.1 117.1
201 118.2 78.6 117.8#



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





#19

n-Nitroso-di-n-propylamine

Concen: 42.79 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

Tgt Ion: 70 Resp: 317254

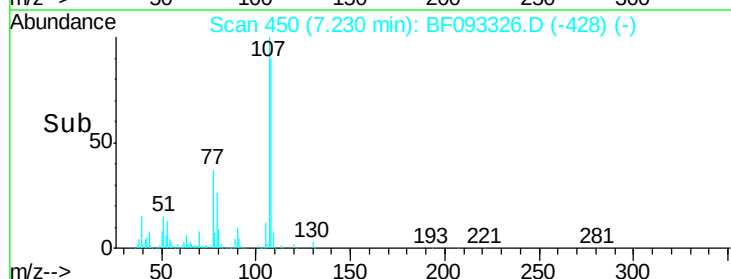
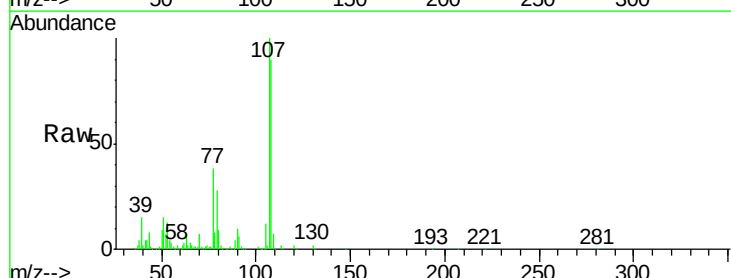
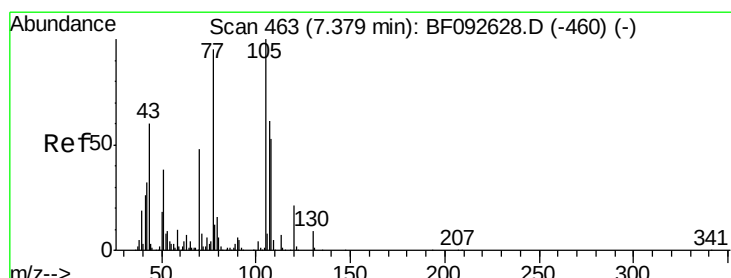
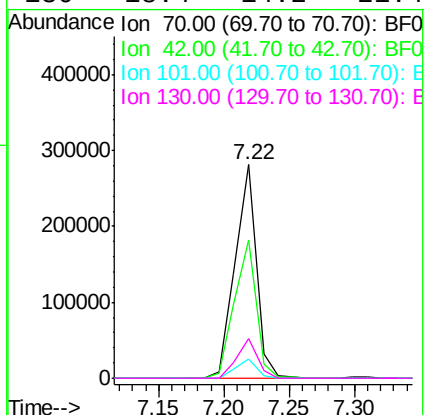
Ion Ratio Lower Upper

70 100

42 65.0 49.4 74.0

101 8.9 7.4 11.2

130 18.4 14.2 21.4



#20

3+4-Methylphenols

Concen: 47.55 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Tgt Ion: 107 Resp: 487095

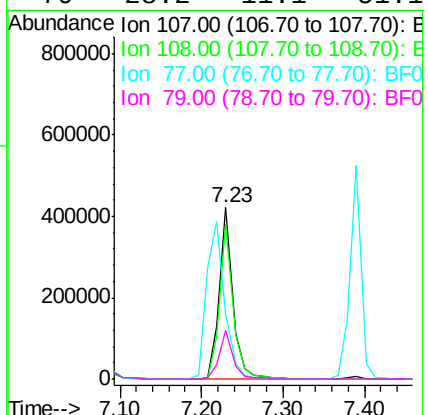
Ion Ratio Lower Upper

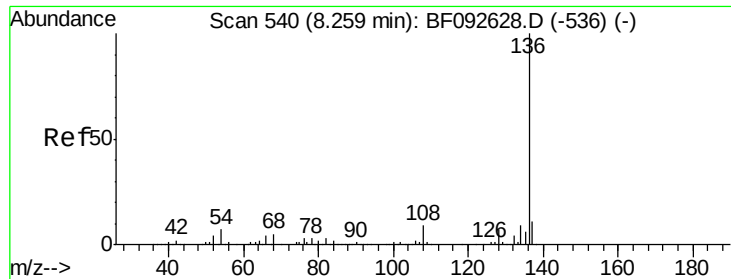
107 100

108 90.5 73.0 113.0

77 38.2 71.3 111.3#

79 28.2 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

Tgt Ion:136 Resp: 607625

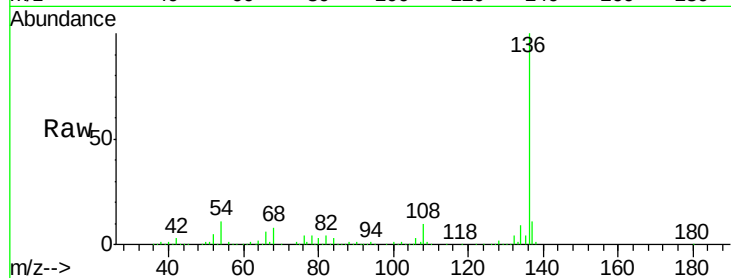
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 10.7 4.5 6.7#

68 7.8 3.6 5.4#

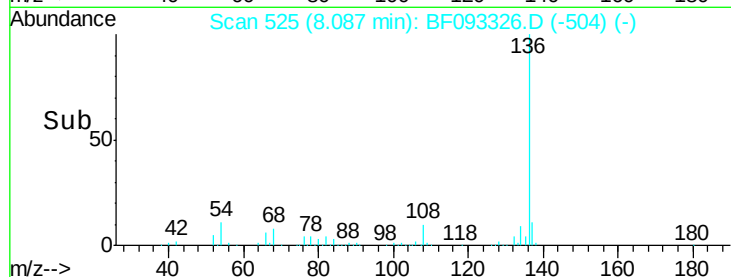


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

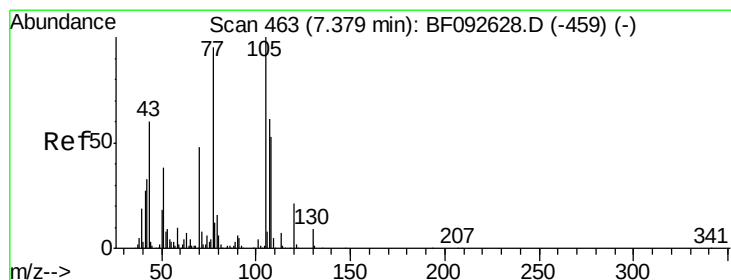
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.09



#22

Acetophenone

Concen: 42.90 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.05 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Tgt Ion:105 Resp: 595093

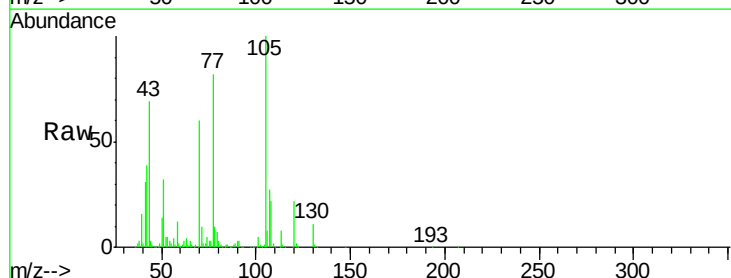
Ion Ratio Lower Upper

105 100

71 10.2 3.2 4.8#

51 31.6 26.2 39.4

120 22.0 16.6 24.8

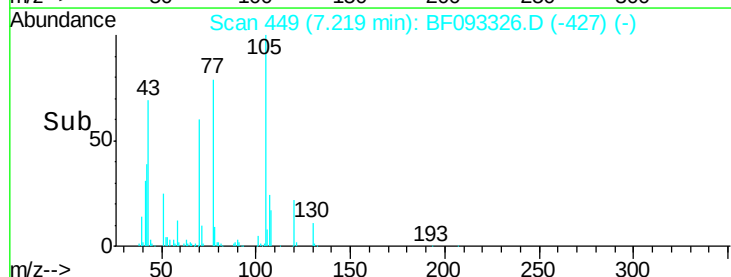


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

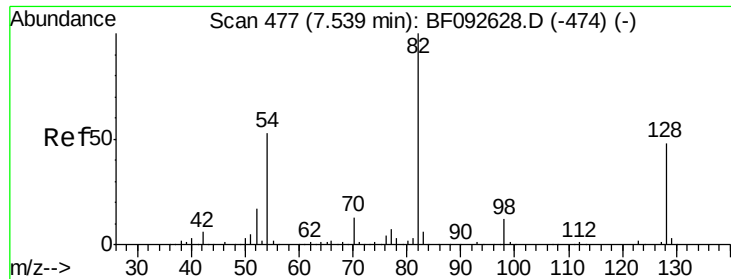
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

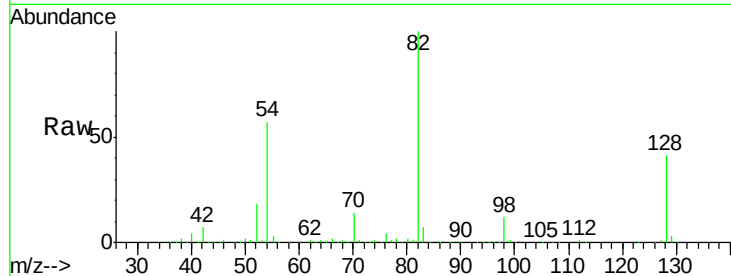
7.22



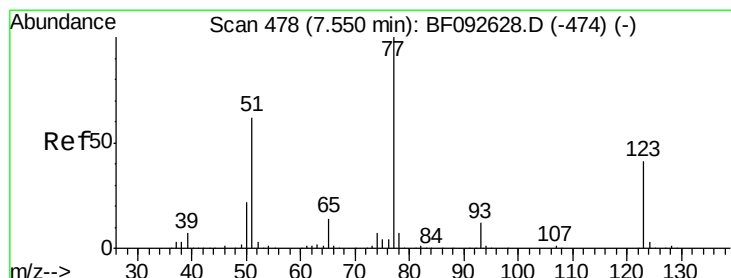
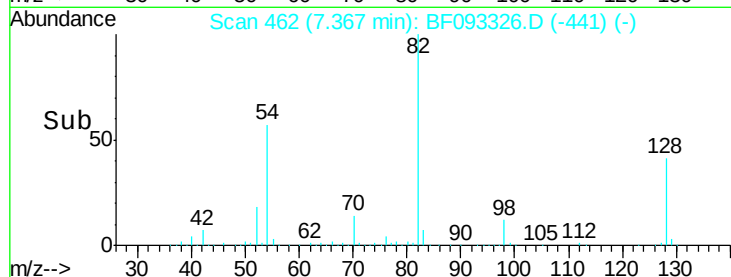
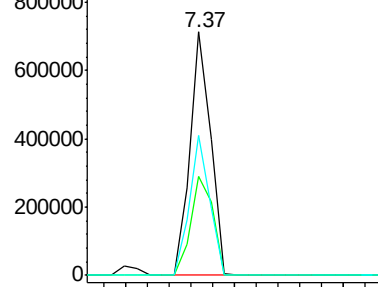
#23
Nitrobenzene-d5
Concen: 87.00 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB97286BSD

Tgt Ion: 82 Resp: 949326
Ion Ratio Lower Upper
82 100
128 40.7 34.6 52.0
54 57.4 39.5 59.3

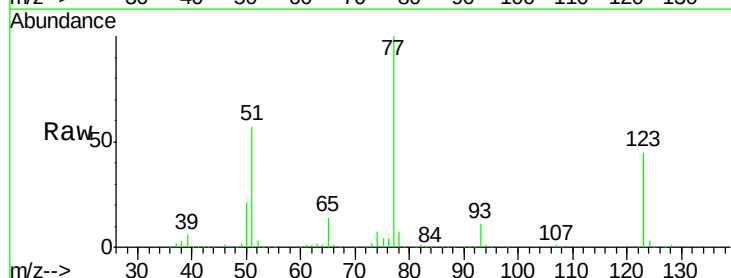


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

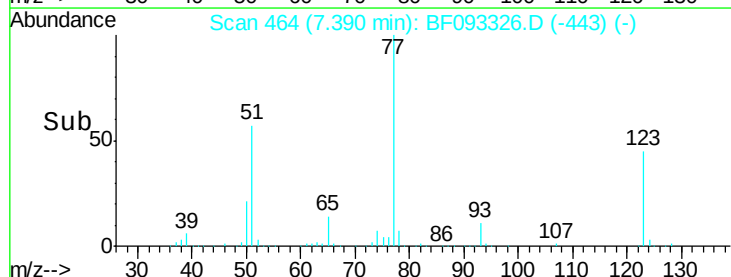
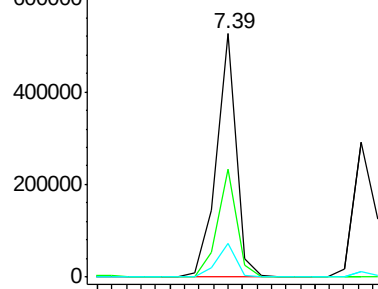


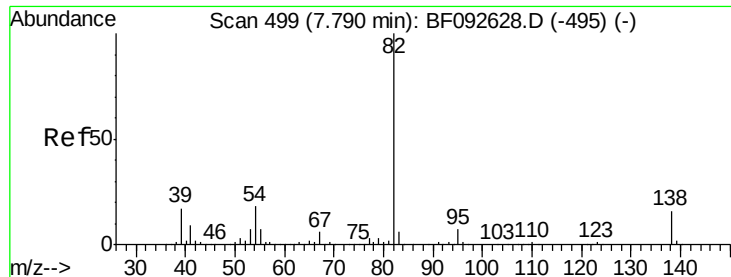
#24
Nitrobenzene
Concen: 44.22 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.06 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Tgt Ion: 77 Resp: 495438
Ion Ratio Lower Upper
77 100
123 44.6 33.0 49.4
65 13.7 11.2 16.8



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





#25

Isophorone

Concen: 43.61 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

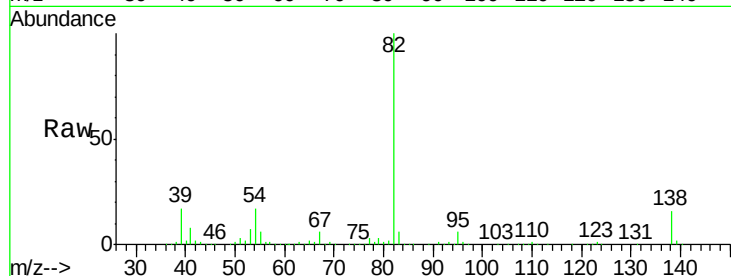
Tgt Ion: 82 Resp: 886776

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

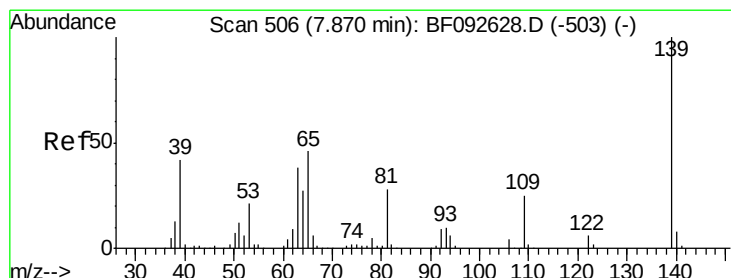
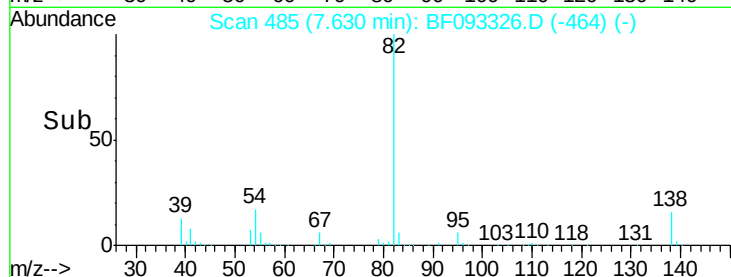
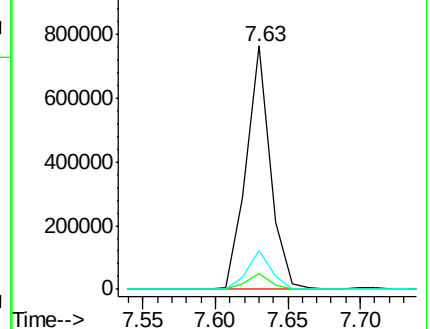
138 15.8 14.6 22.0



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: 46.06 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

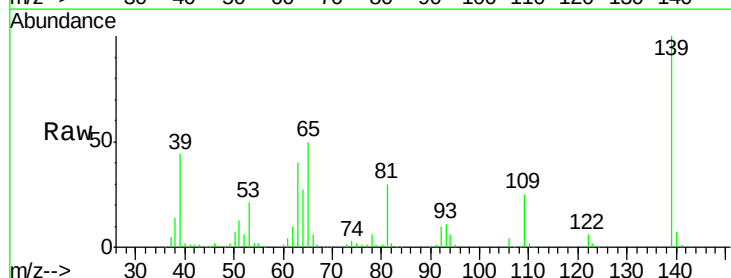
Tgt Ion: 139 Resp: 245297

Ion Ratio Lower Upper

139 100

109 25.2 23.3 34.9

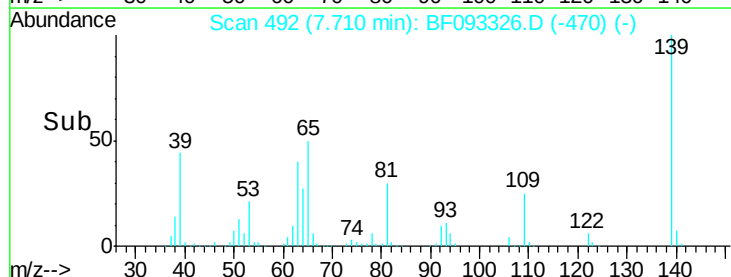
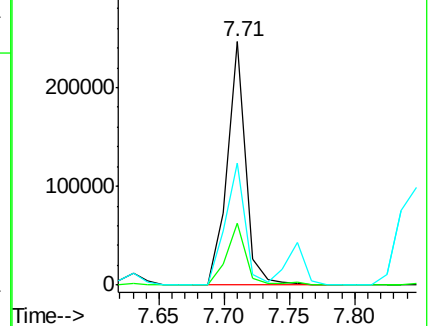
65 50.0 42.7 64.1

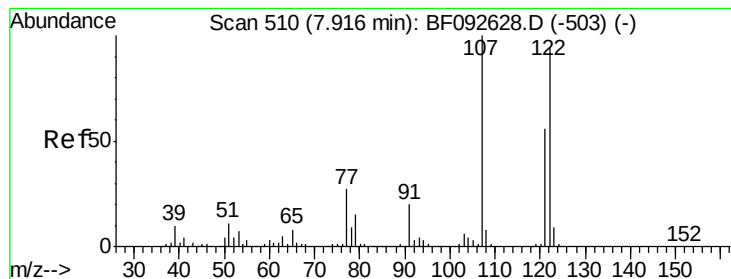


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 44.74 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

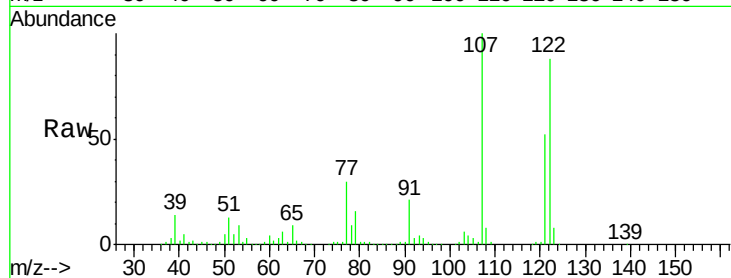
Tgt Ion:122 Resp: 418432

Ion Ratio Lower Upper

122 100

107 113.2 94.1 141.1

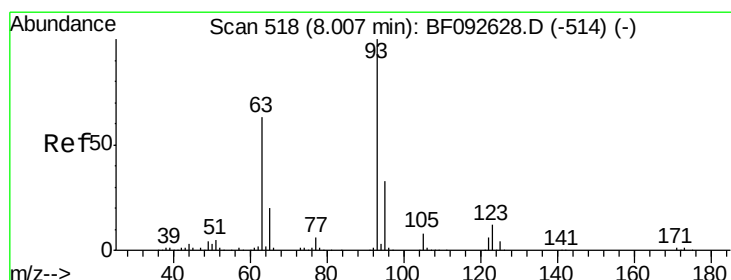
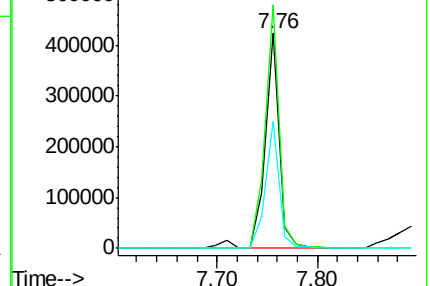
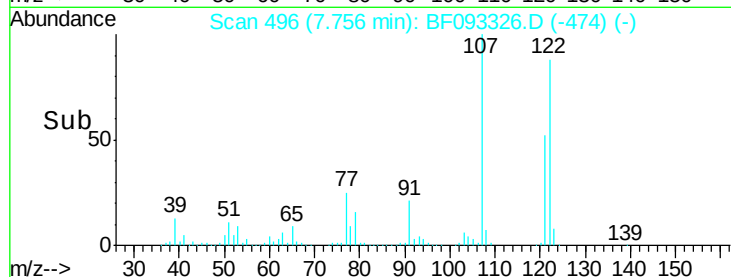
121 58.9 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.47 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.05 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

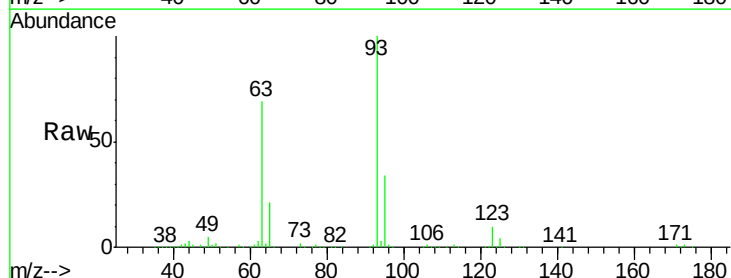
Tgt Ion: 93 Resp: 571861

Ion Ratio Lower Upper

93 100

95 33.8 26.5 39.7

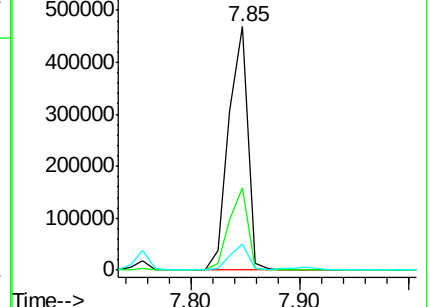
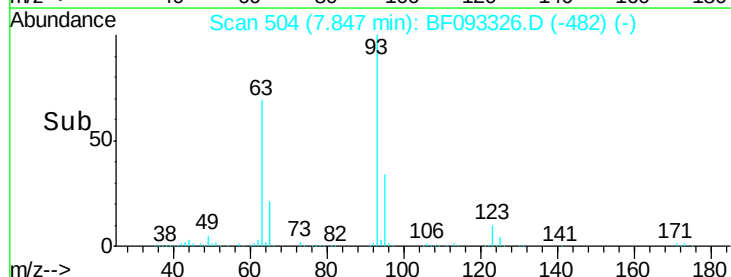
123 10.5 8.6 13.0

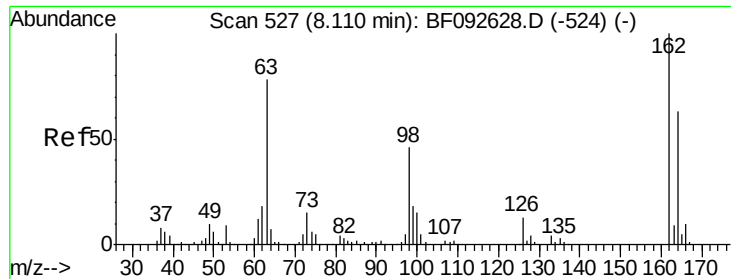


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

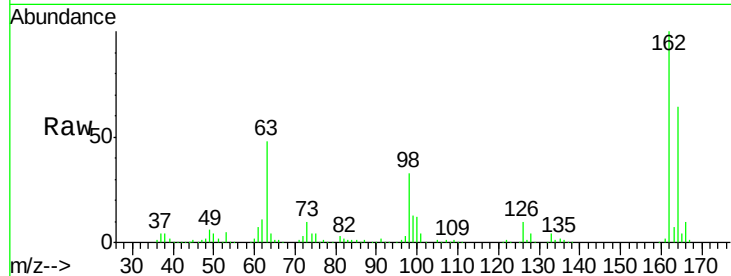




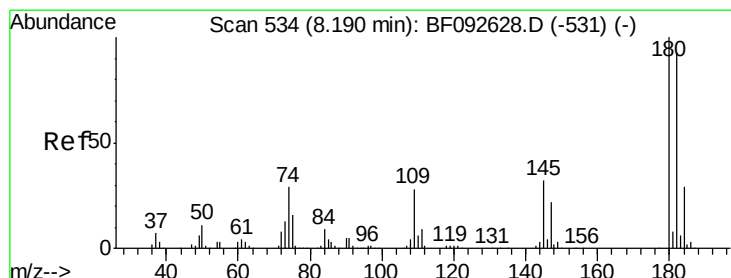
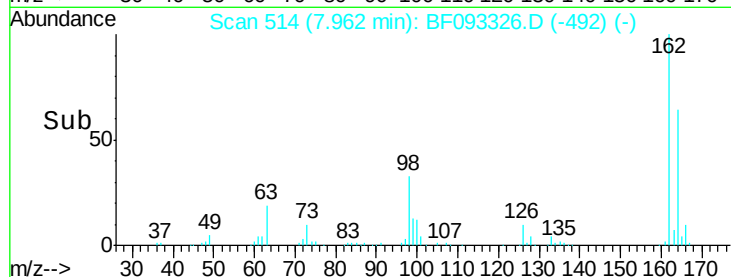
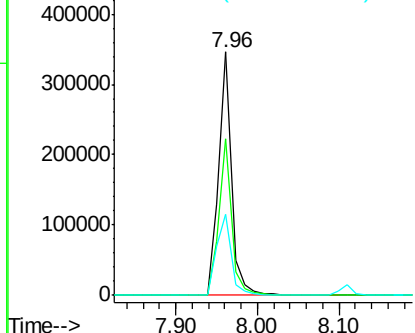
#29
2,4-Dichlorophenol
Concen: 43.61 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB97286BSD

Tgt Ion:162 Resp: 380423
Ion Ratio Lower Upper
162 100
164 64.4 46.8 86.8
98 33.4 9.1 49.1

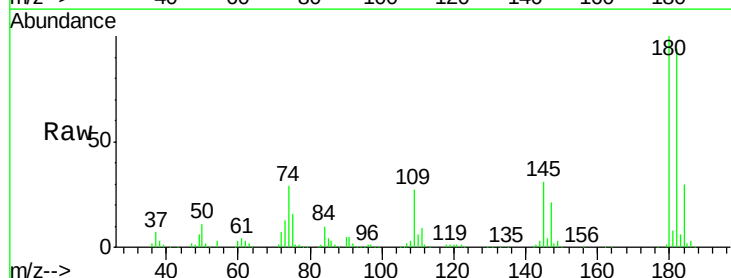


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

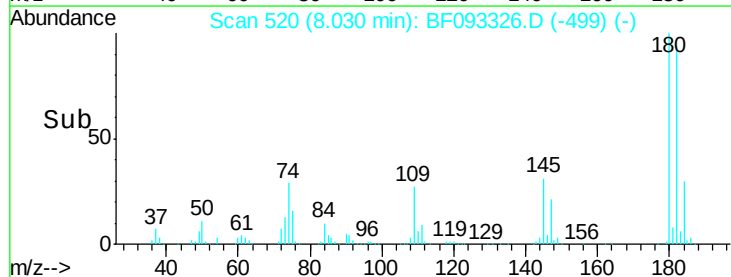
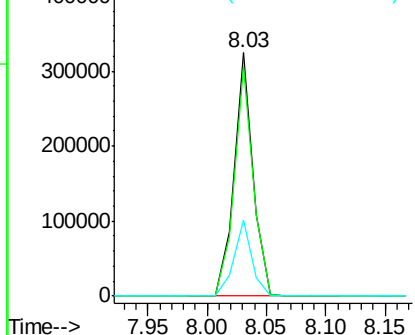


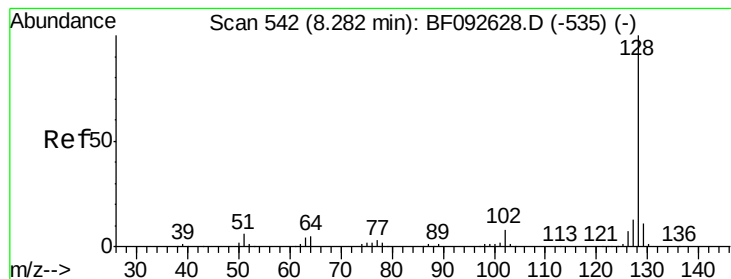
#30
1,2,4-Trichlorobenzene
Concen: 38.22 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Tgt Ion:180 Resp: 359260
Ion Ratio Lower Upper
180 100
182 94.4 78.2 117.4
145 31.4 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: 38.60 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

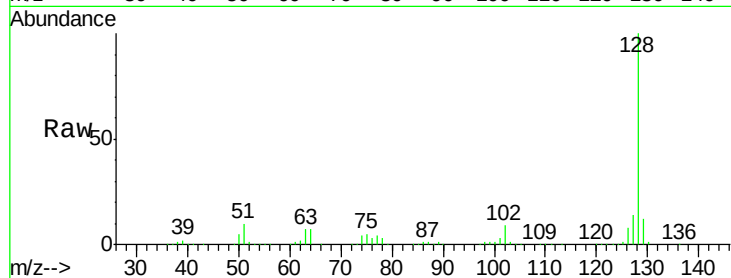
Tgt Ion:128 Resp: 1188834

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

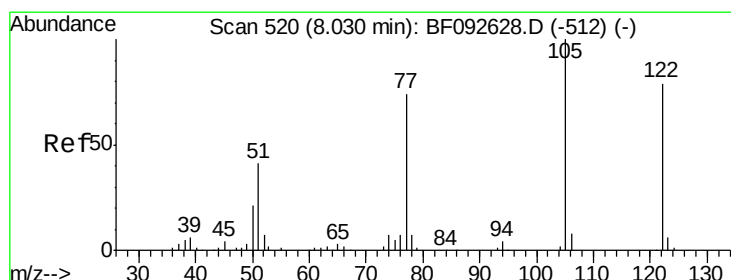
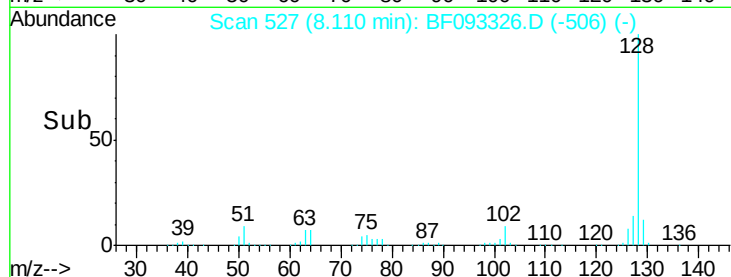
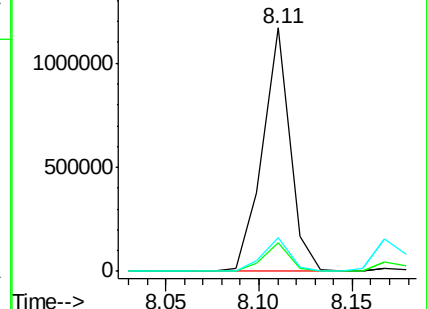
127 13.8 10.8 16.2



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: 31.83 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

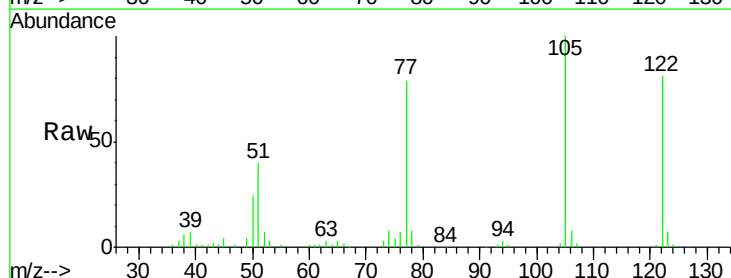
Tgt Ion:122 Resp: 153668

Ion Ratio Lower Upper

122 100

105 122.7 107.2 147.2

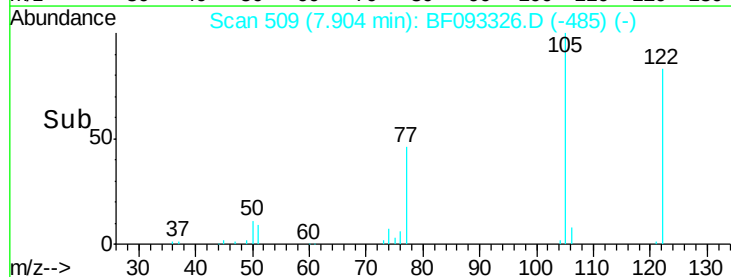
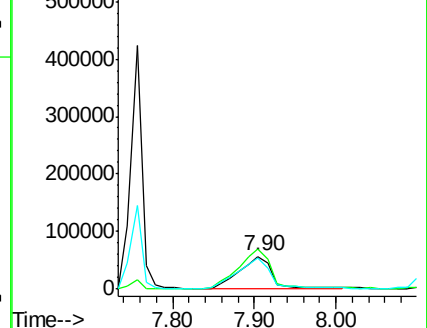
77 96.4 74.5 114.5

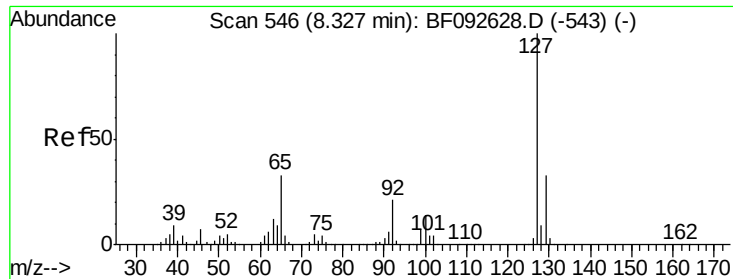


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

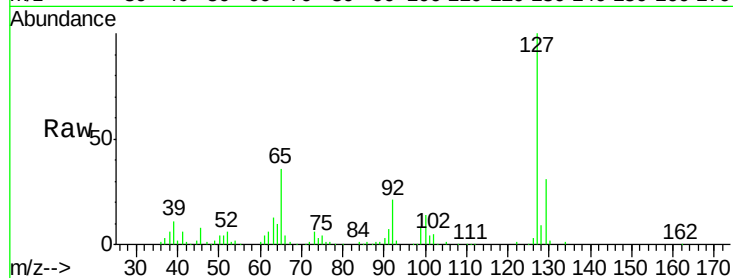




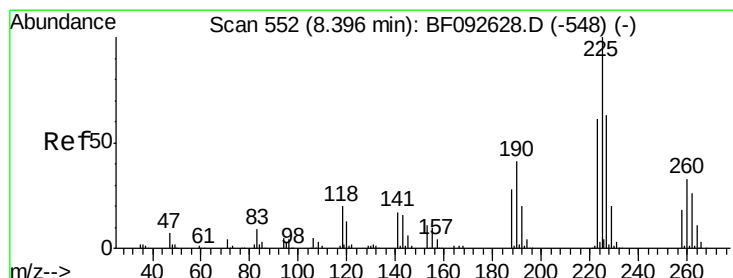
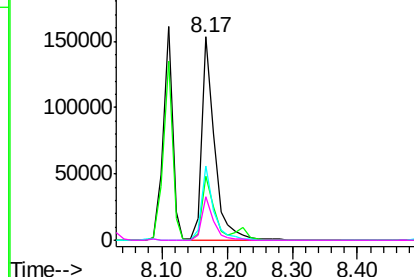
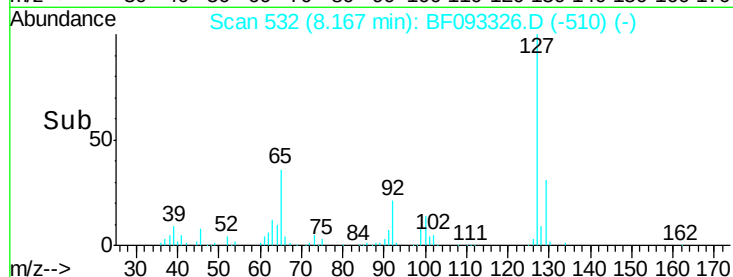
#33
 4-Chloroaniline
 Concen: 17.07 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.05 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

Tgt Ion:	127	Resp:	206194
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.3	39.5
65	36.5	25.8	38.8
92	21.3	16.1	24.1

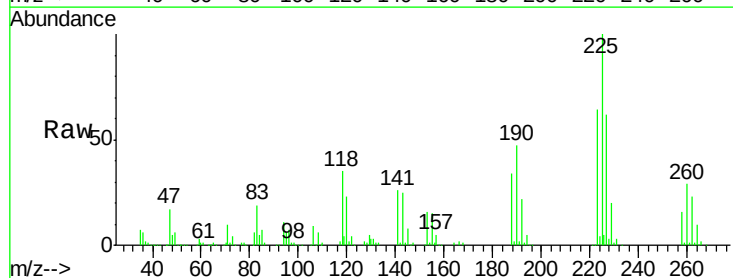


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

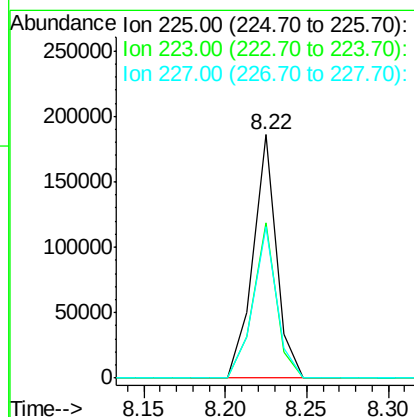
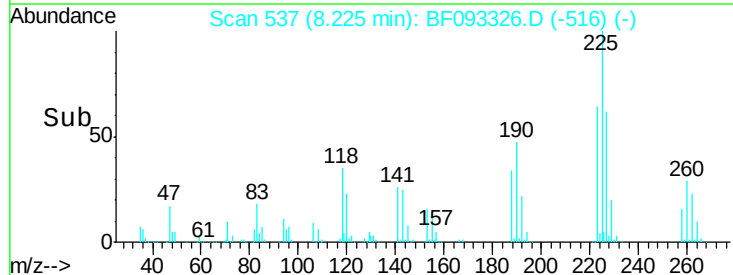


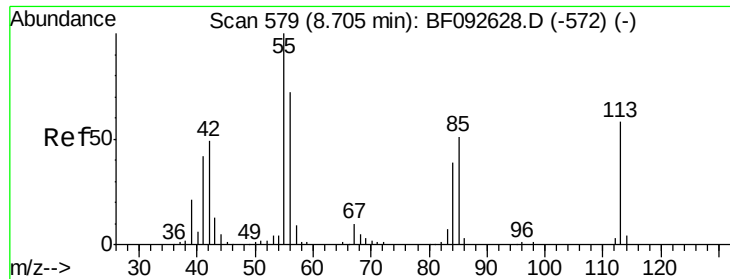
#34
 Hexachlorobutadiene
 Concen: 35.92 ng
 RT: 8.22 min Scan# 537
 Delta R.T. -0.06 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Tgt Ion:	225	Resp:	185796
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	62.3	50.6	76.0



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

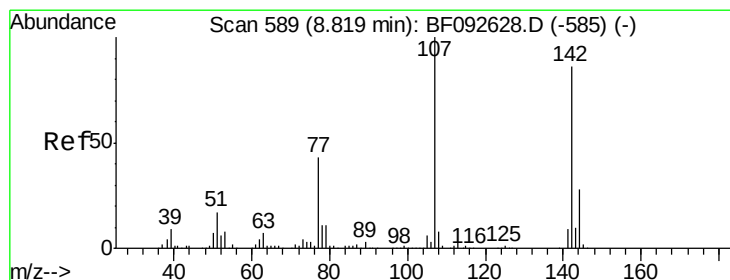
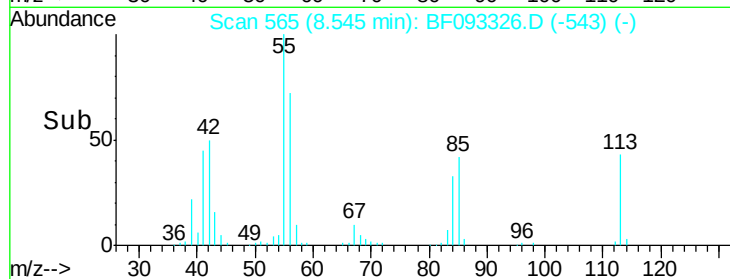
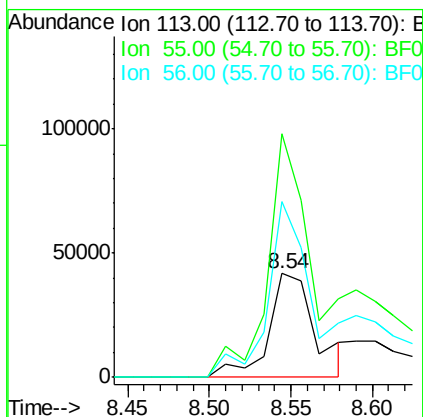
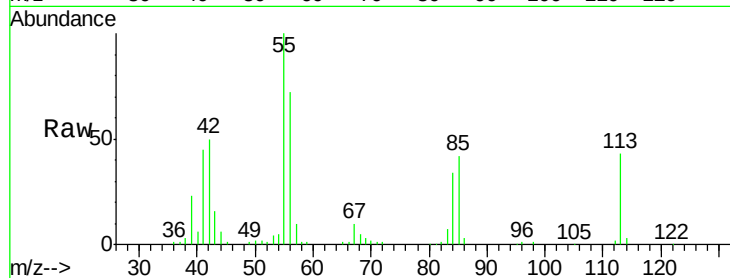




#35
 Caprolactam
 Concen: 30.36 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.05 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

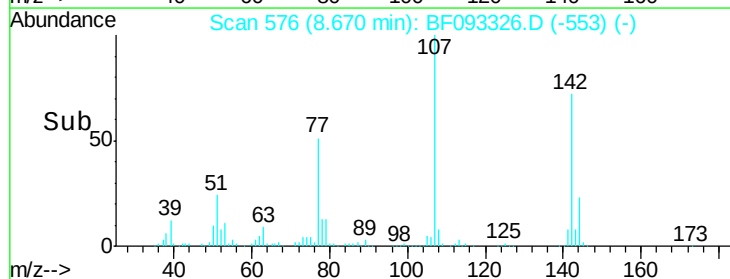
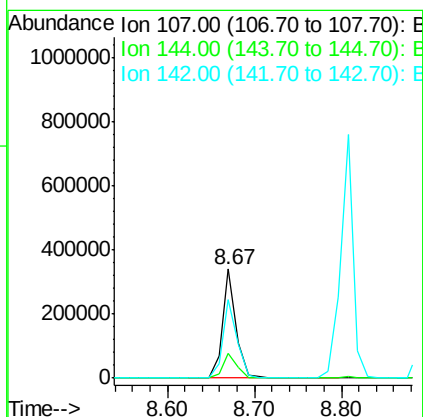
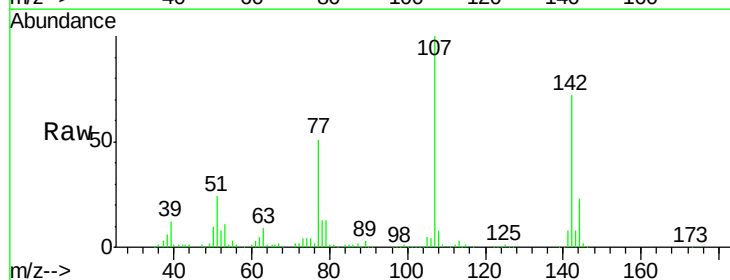
Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

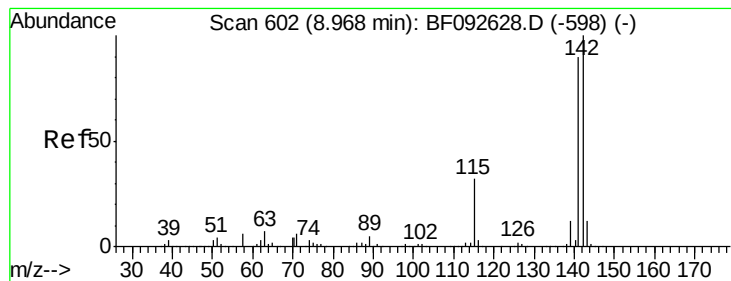
Tgt Ion:113 Resp: 83303
 Ion Ratio Lower Upper
 113 100
 55 234.6 119.2 159.2#
 56 169.2 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.85 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Tgt Ion:107 Resp: 371503
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.3 28.9
 142 72.4 59.0 88.6





#37

2-Methylnaphthalene

Concen: 38.94 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

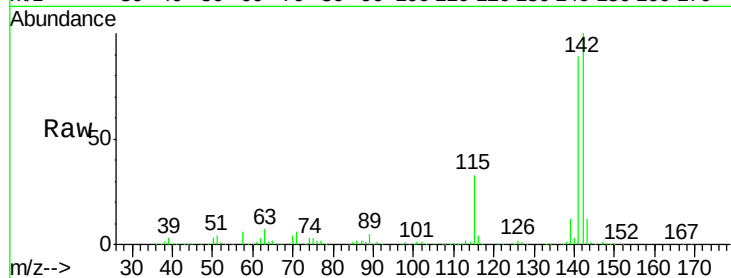
Tgt Ion:142 Resp: 770033

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

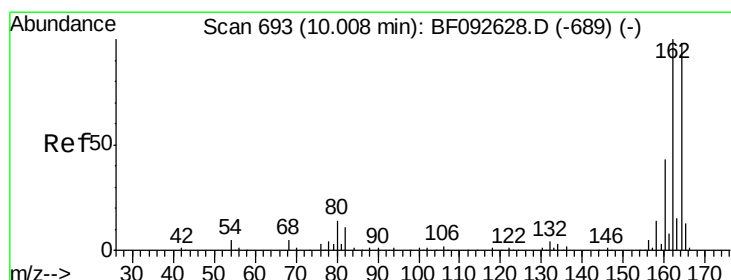
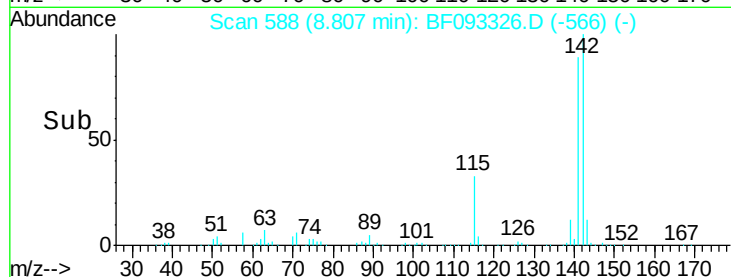
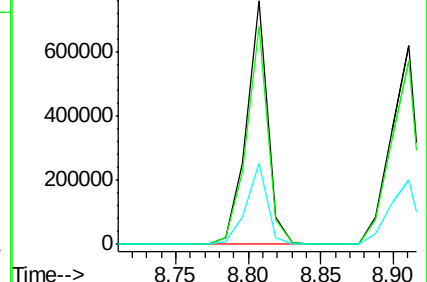
115 33.5 28.3 42.5



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: BF093326.D

Acq: 2 Mar 2017 17:47

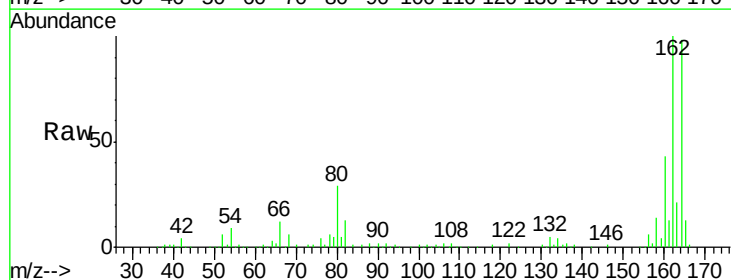
Tgt Ion:164 Resp: 280205

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

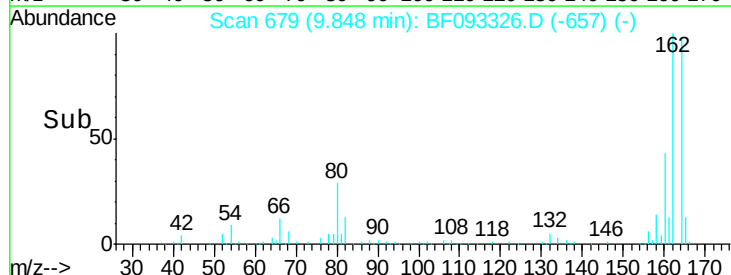
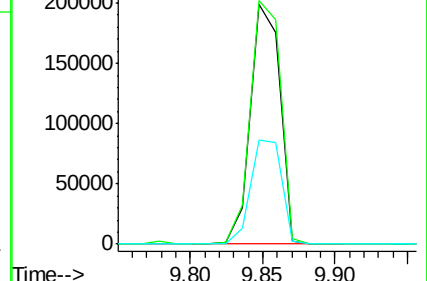
160 43.7 36.9 55.3

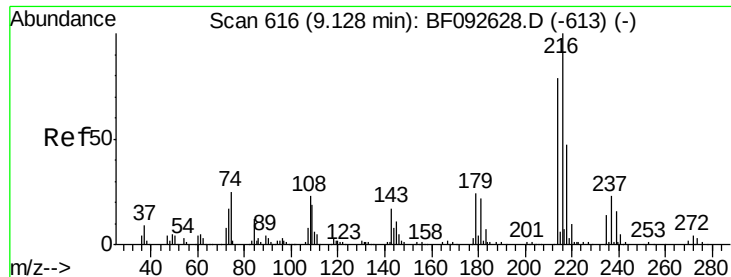


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

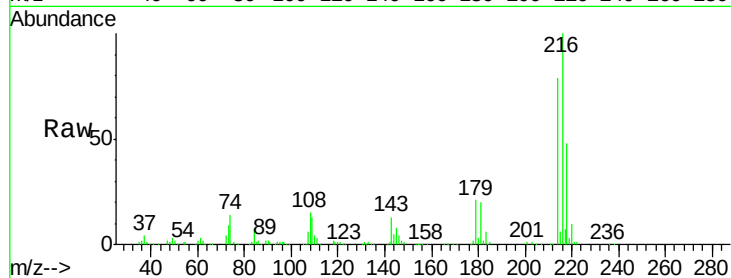




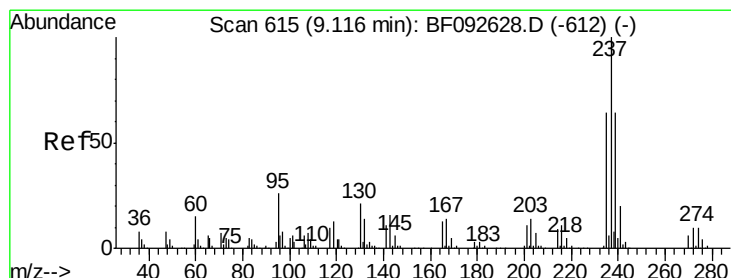
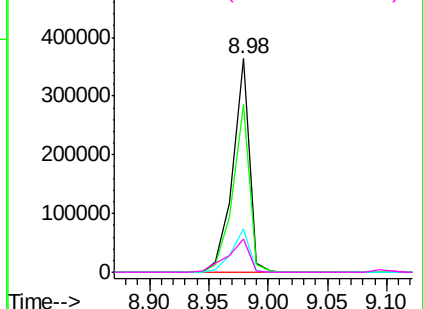
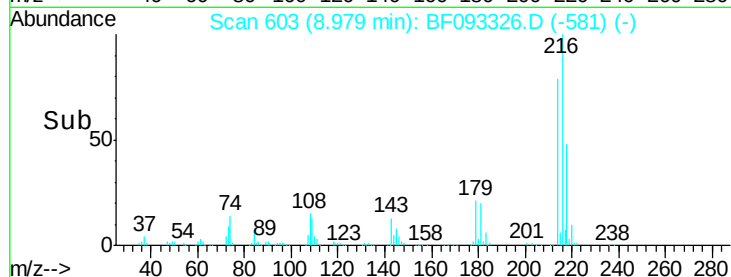
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.28 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

Tgt Ion:	216	Resp:	356118
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	21.3	17.4	26.2
108	21.0	15.6	23.4

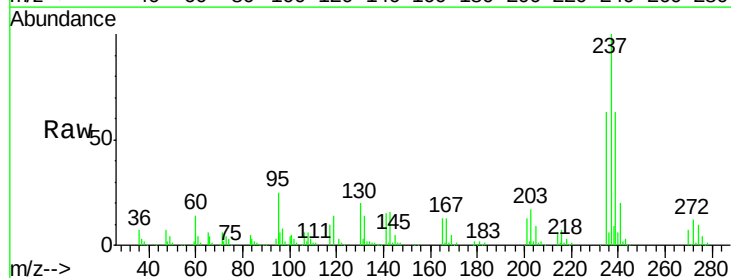


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

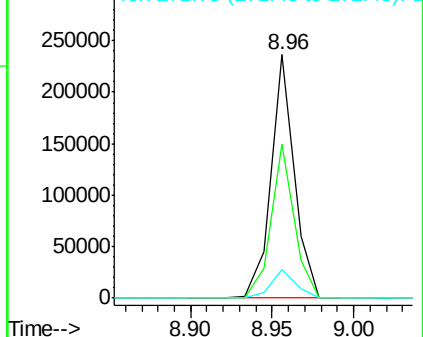
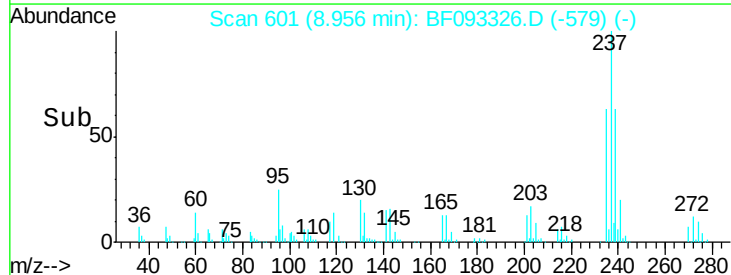


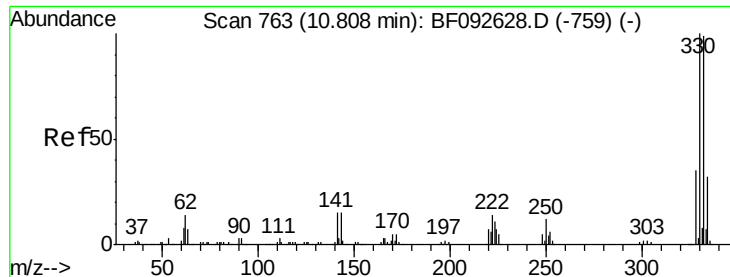
#40
 Hexachlorocyclopentadiene
 Concen: 66.54 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.05 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Tgt Ion:	237	Resp:	236146
Ion	Ratio	Lower	Upper
237	100		
235	63.3	41.2	81.2
272	11.7	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

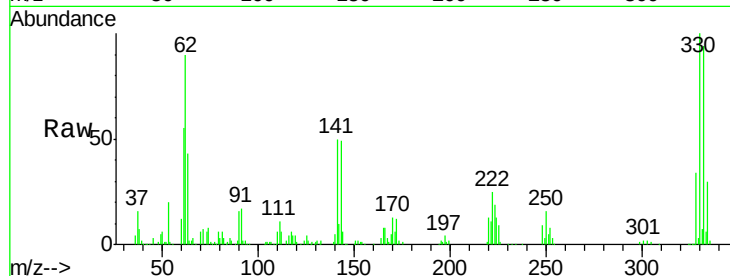




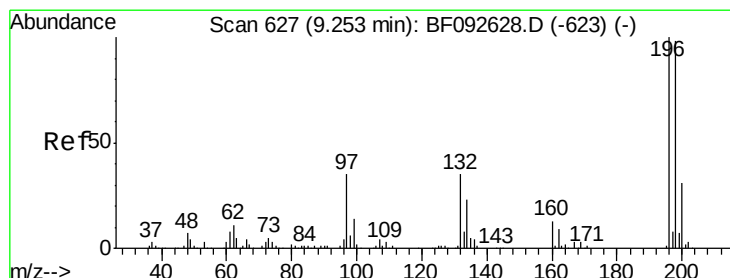
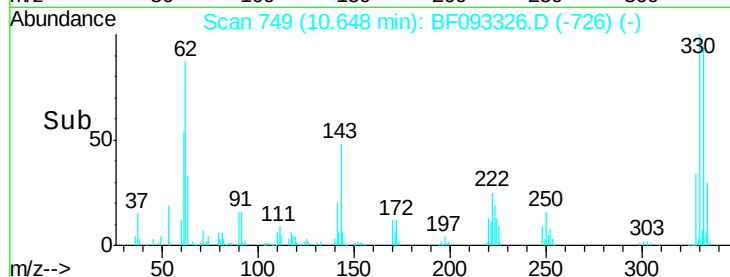
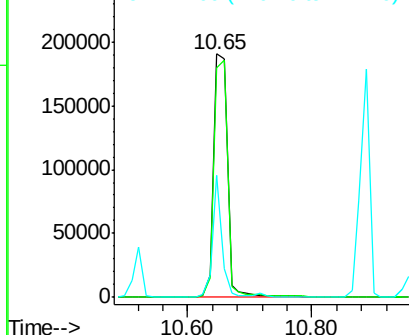
#41
 2,4,6-Tribromophenol
 Concen: 144.30 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

Tgt Ion:330 Resp: 292436
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 33.6 34.1 51.1#

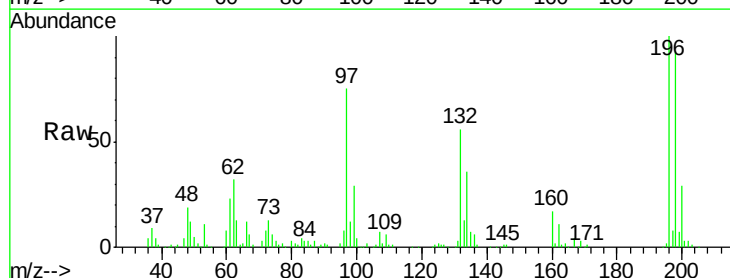


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

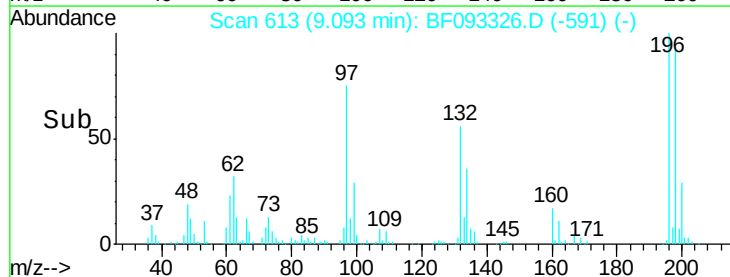
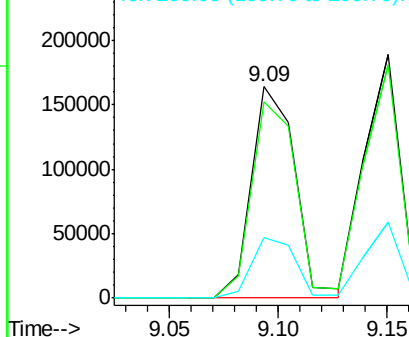


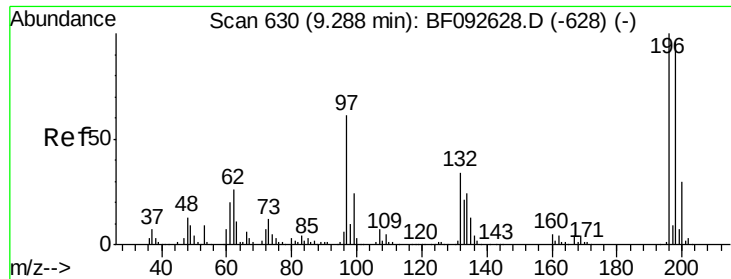
#42
 2,4,6-Trichlorophenol
 Concen: 44.31 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Tgt Ion:196 Resp: 229034
 Ion Ratio Lower Upper
 196 100
 198 92.7 82.1 123.1
 200 28.9 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

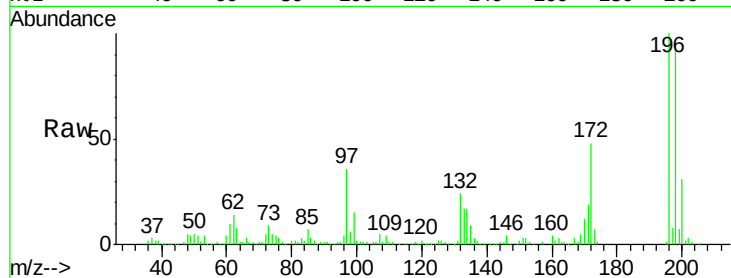




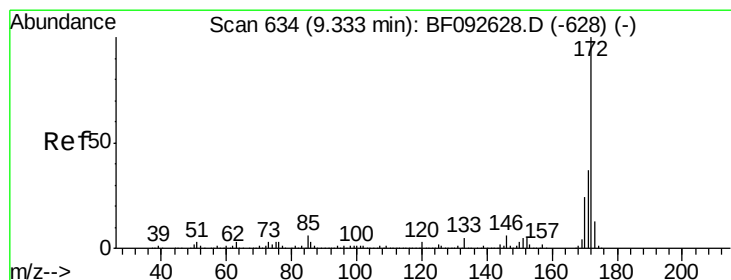
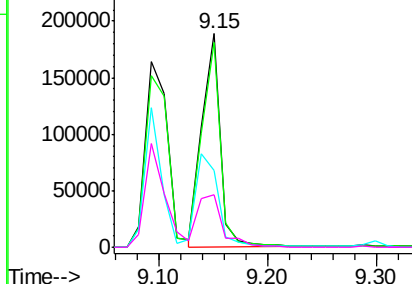
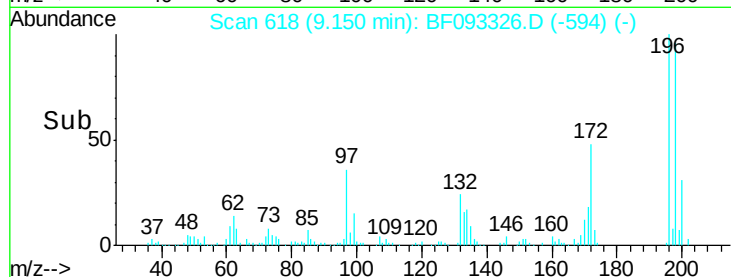
#43
 2,4,5-Trichlorophenol
 Concen: 39.74 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

Tgt Ion:196 Resp: 225021
 Ion Ratio Lower Upper
 196 100
 198 96.0 79.4 119.2
 97 36.2 51.5 77.3#
 132 24.5 27.4 41.2#

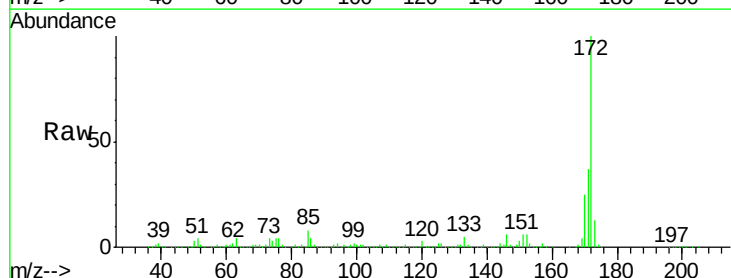


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

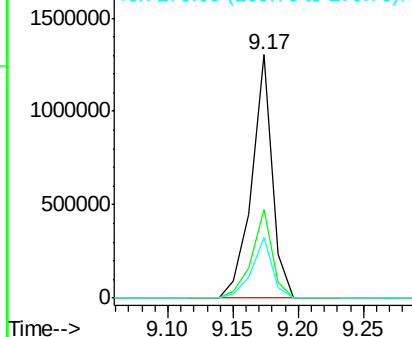
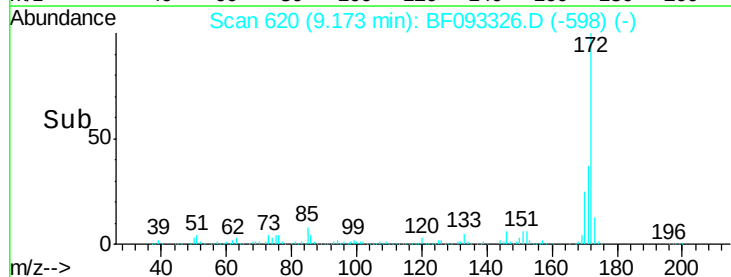


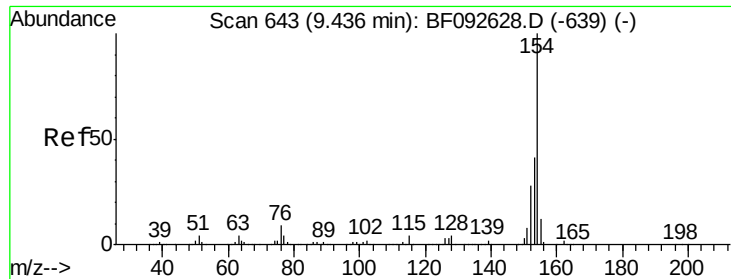
#44
 2-Fluorobiphenyl
 Concen: 92.74 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Tgt Ion:172 Resp: 1434441
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.8 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

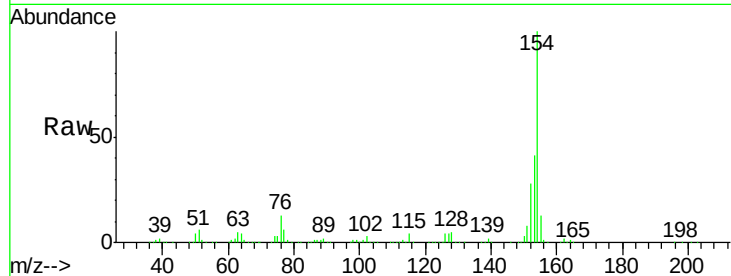




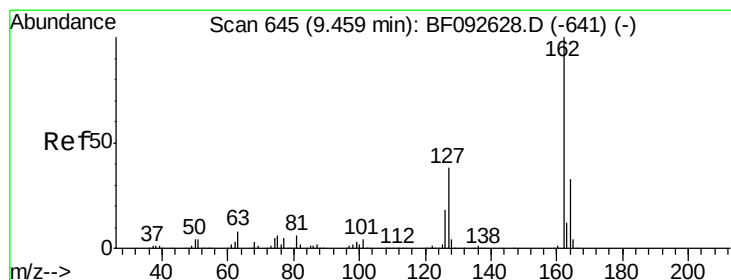
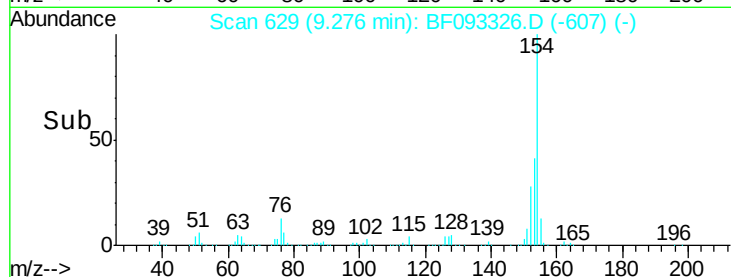
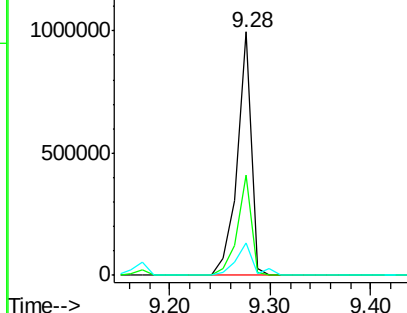
#45
 1,1'-Biphenyl
 Concen: 47.49 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

Tgt Ion:154 Resp: 963590
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.9 60.9
 76 13.2 0.0 30.5

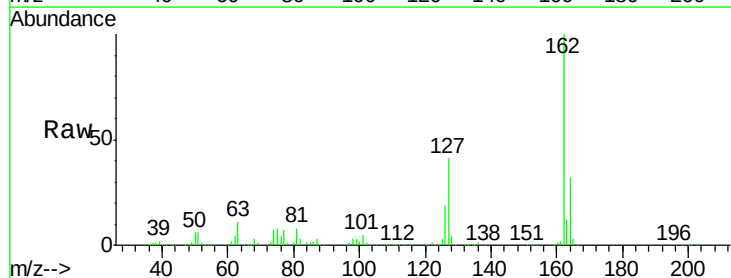


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

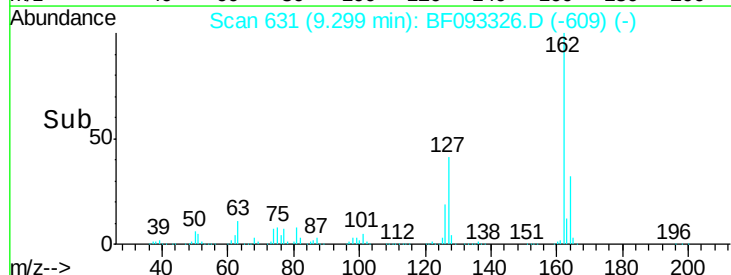
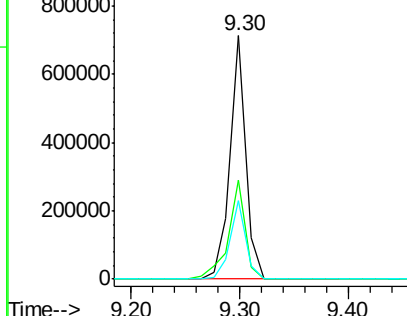


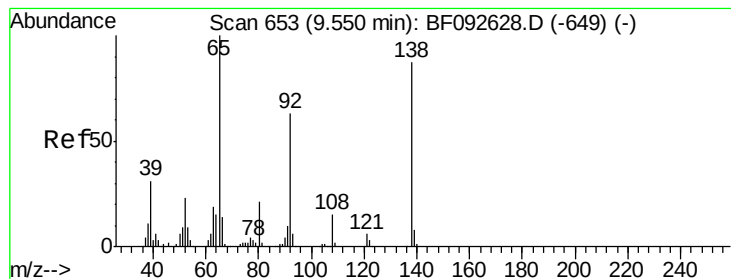
#46
 2-Chloronaphthalene
 Concen: 44.93 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.05 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Tgt Ion:162 Resp: 713195
 Ion Ratio Lower Upper
 162 100
 127 40.6 30.7 46.1
 164 32.0 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: 45.59 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.05 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

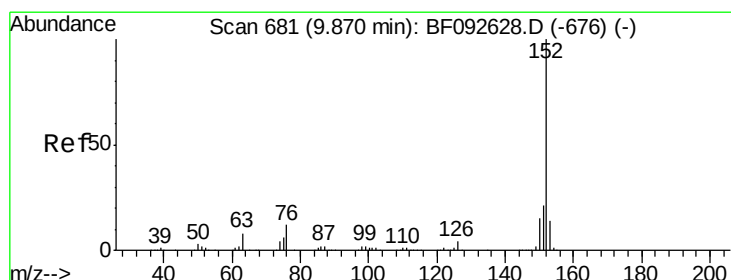
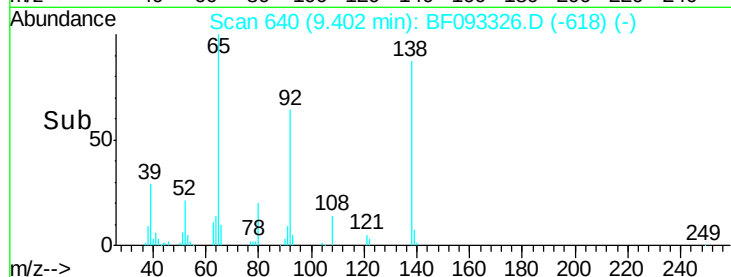
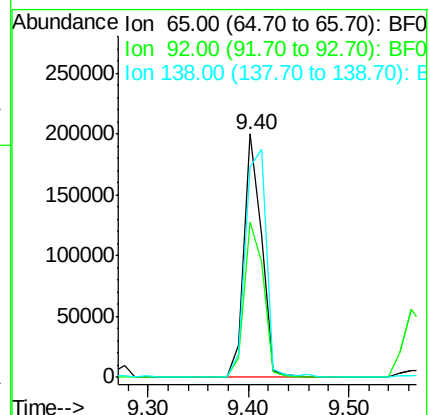
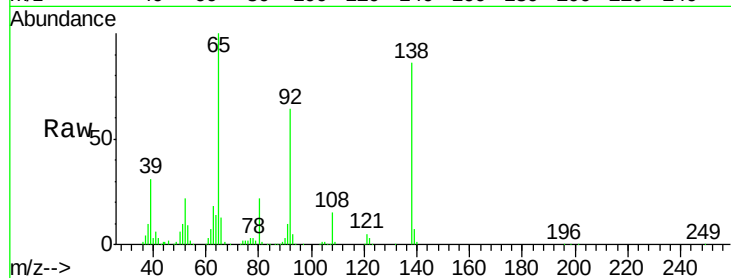
Tgt Ion: 65 Resp: 243300

Ion Ratio Lower Upper

65 100

92 63.9 53.9 80.9

138 86.5 76.8 115.2



#48

Acenaphthylene

Concen: 42.58 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

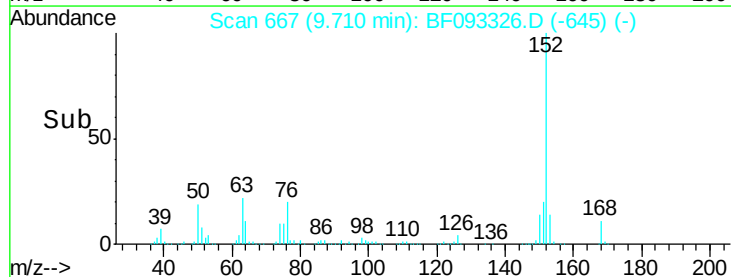
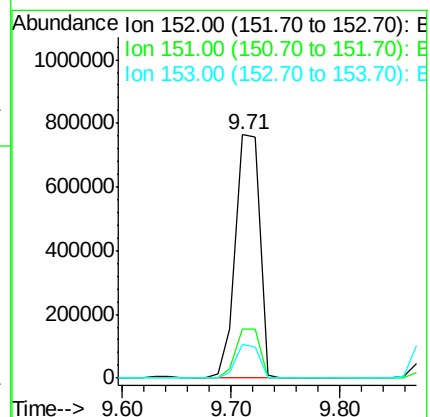
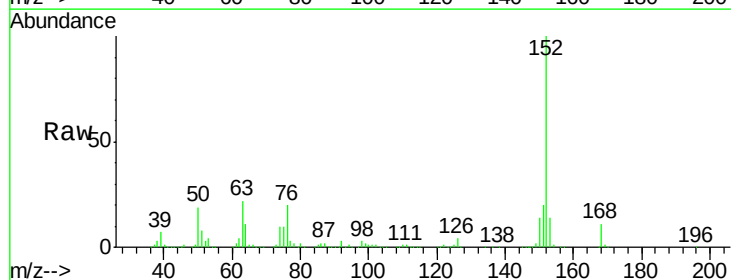
Tgt Ion: 152 Resp: 1167569

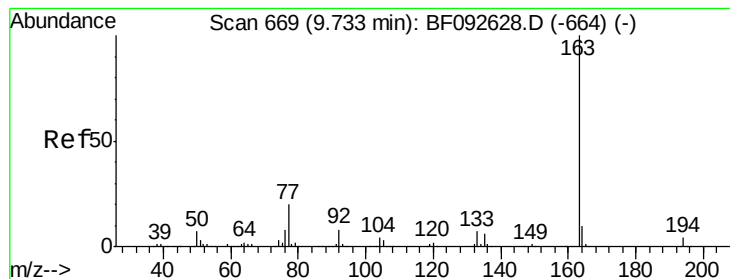
Ion Ratio Lower Upper

152 100

151 20.2 16.9 25.3

153 13.8 11.4 17.2





#49

Dimethylphthalate

Concen: 48.30 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

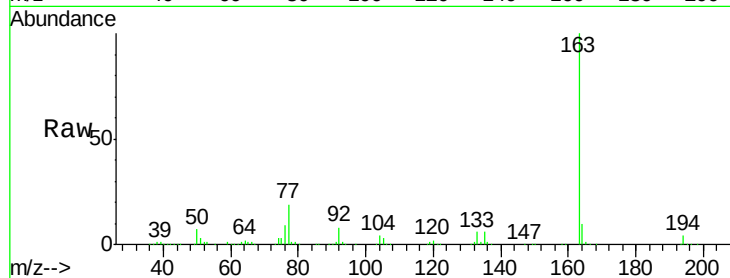
Tgt Ion:163 Resp: 911533

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

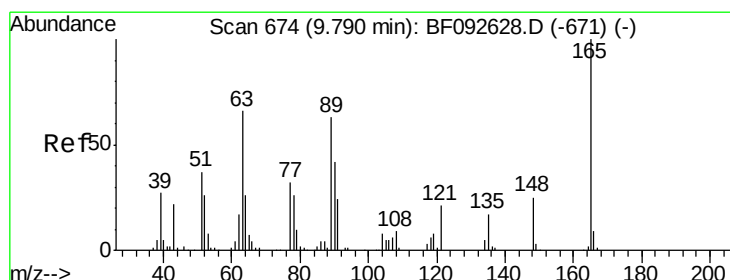
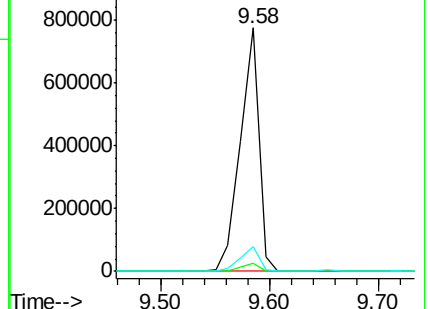
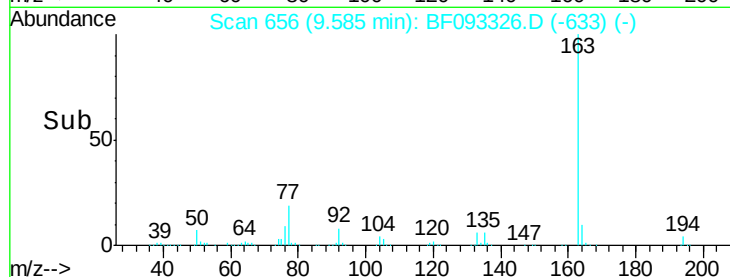
164 10.0 8.0 12.0



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: 52.60 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.03 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

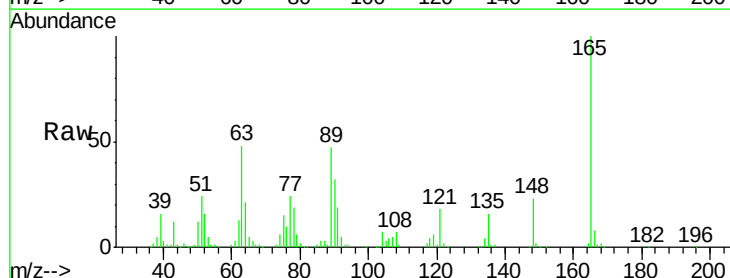
Tgt Ion:165 Resp: 214389

Ion Ratio Lower Upper

165 100

63 48.4 36.2 54.4

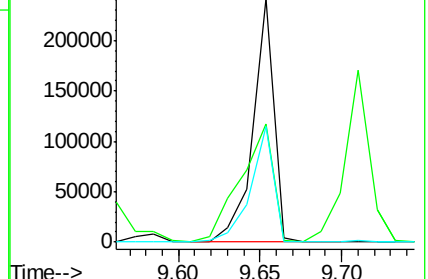
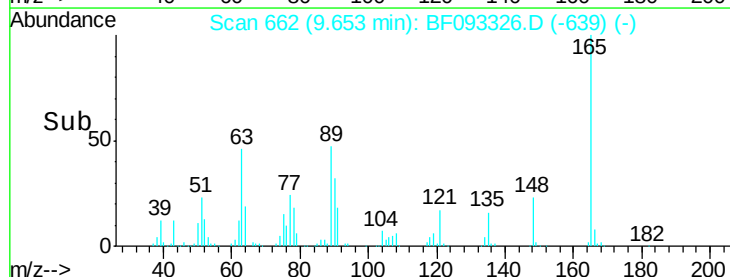
89 47.3 40.2 60.4

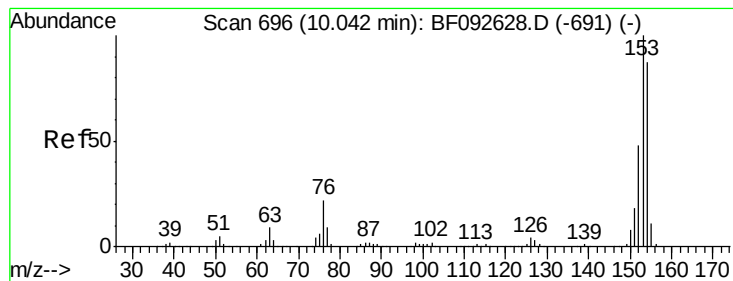


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.02 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

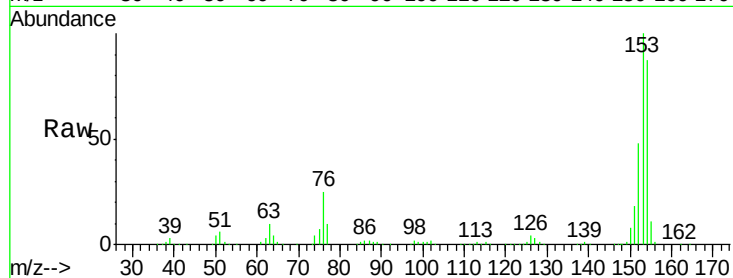
Tgt Ion:154 Resp: 656075

Ion Ratio Lower Upper

154 100

153 115.4 88.6 133.0

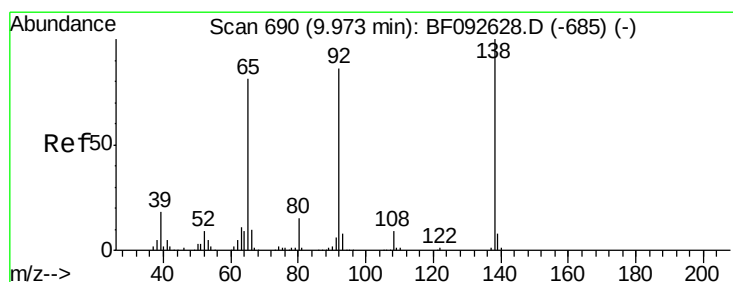
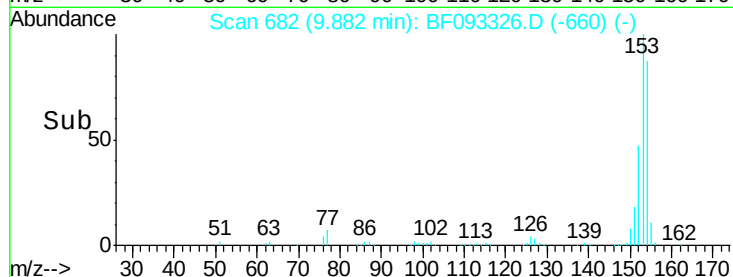
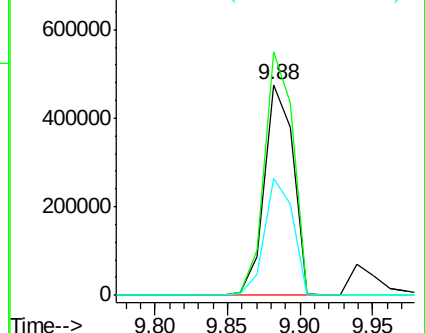
152 55.3 41.6 62.4



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: 26.73 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

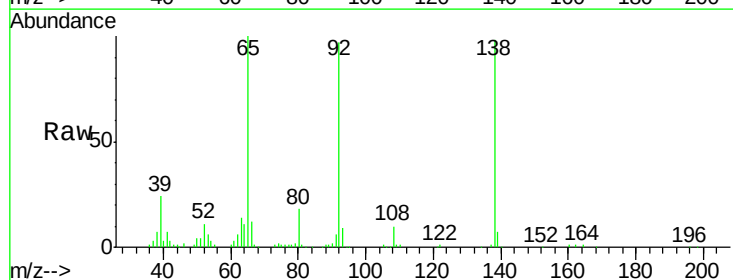
Tgt Ion:138 Resp: 124668

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

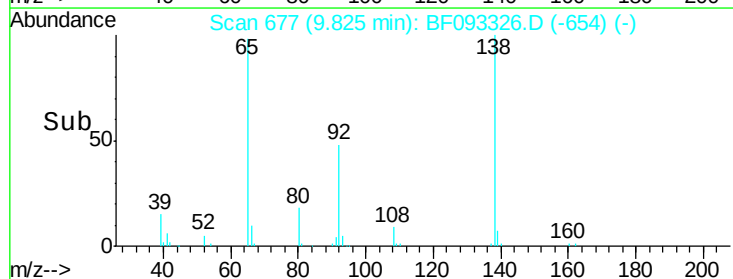
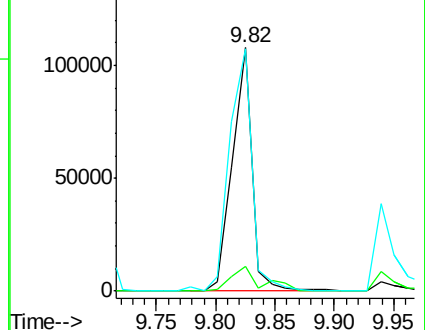
92 99.5 97.8 146.8

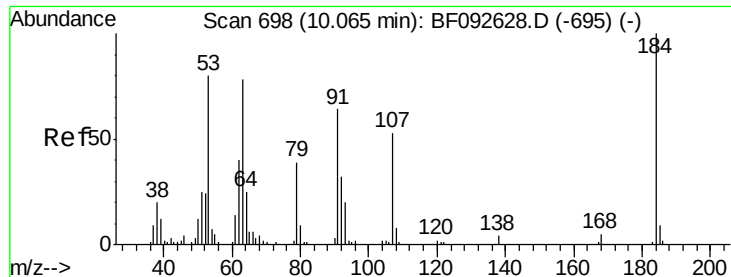


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

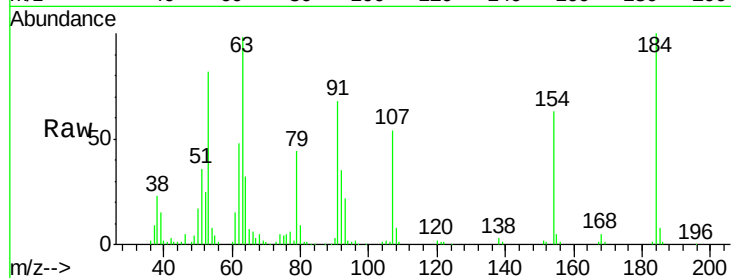




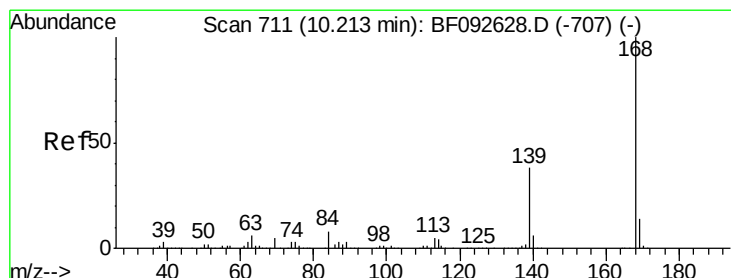
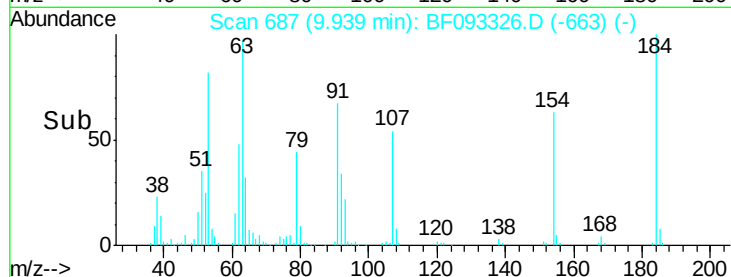
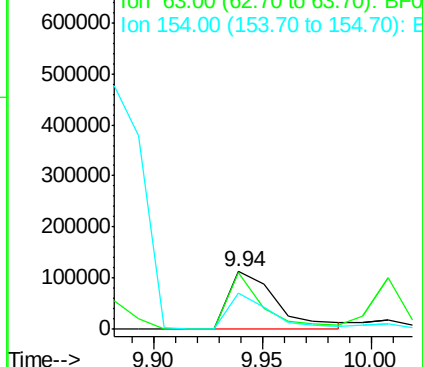
#53
2,4-Dinitrophenol
Concen: 84.33 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB97286BSD

Tgt Ion:184 Resp: 175426
Ion Ratio Lower Upper
184 100
63 98.3 28.4 42.6#
154 62.8 44.3 66.5

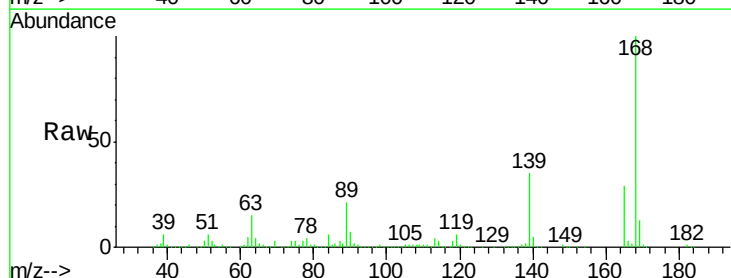


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

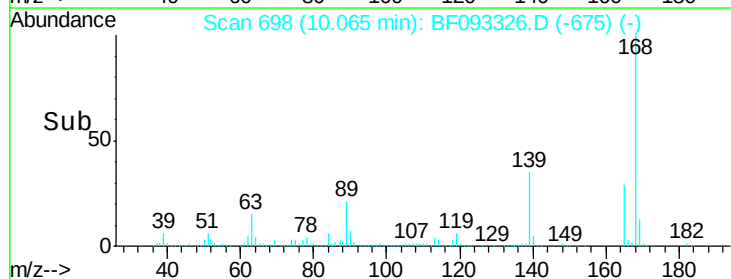
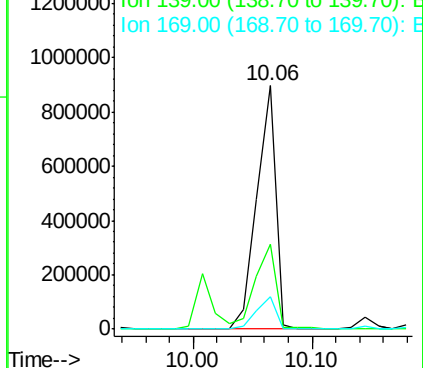


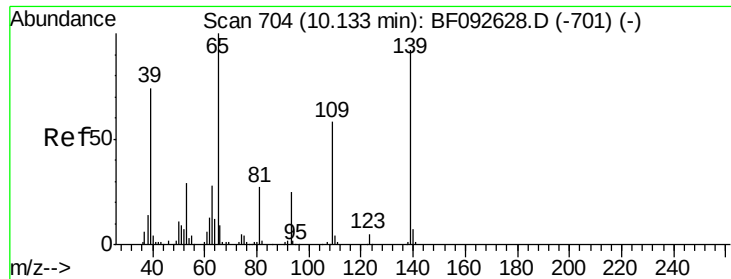
#54
Dibenzofuran
Concen: 45.81 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Tgt Ion:168 Resp: 1004532
Ion Ratio Lower Upper
168 100
139 35.0 32.6 49.0
169 13.1 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

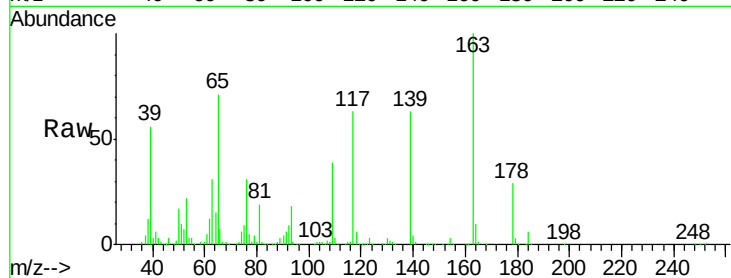




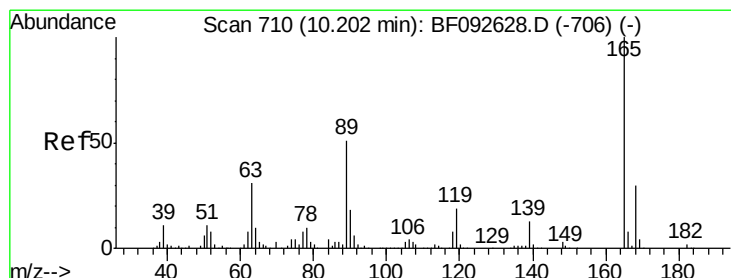
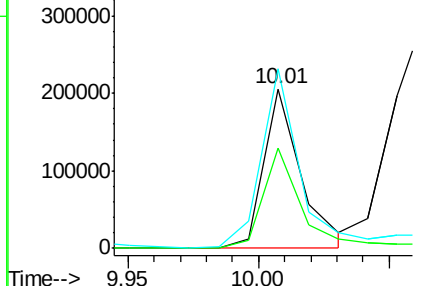
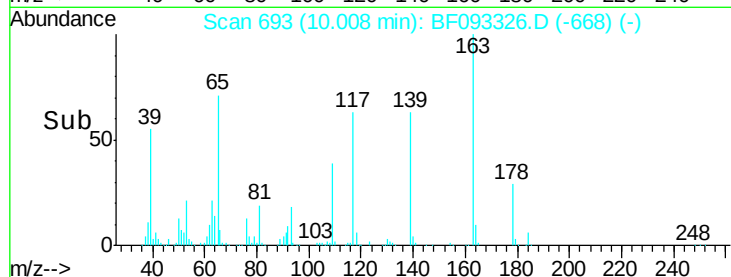
#55
4-Nitrophenol
Concen: 60.32 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB97286BSD

Tgt Ion:139 Resp: 202664
Ion Ratio Lower Upper
139 100
109 62.6 52.2 92.2
65 112.8 85.8 125.8

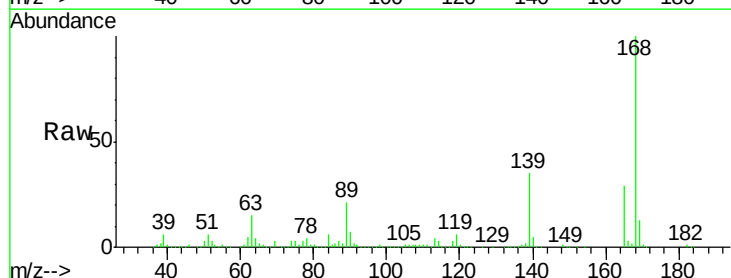


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

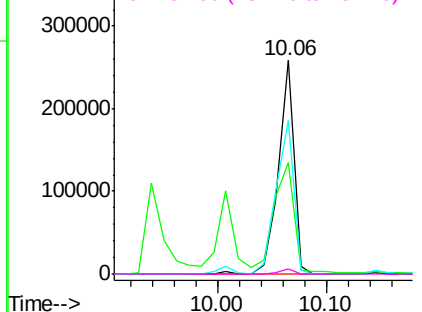
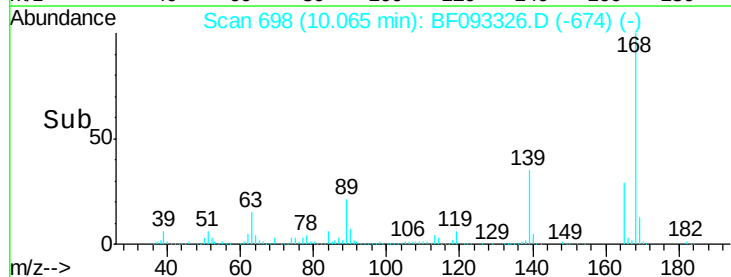


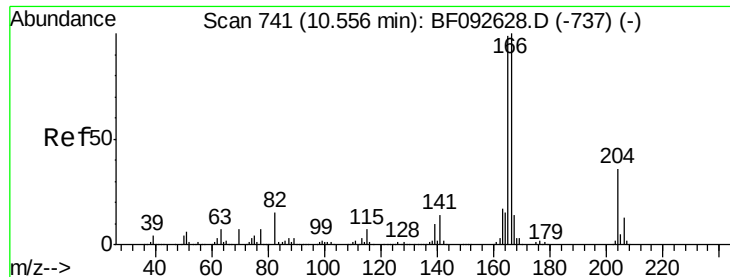
#56
2,4-Dinitrotoluene
Concen: 46.92 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Tgt Ion:165 Resp: 254627
Ion Ratio Lower Upper
165 100
63 52.1 40.2 60.4
89 71.7 62.5 93.7
182 2.1 1.8 2.8



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

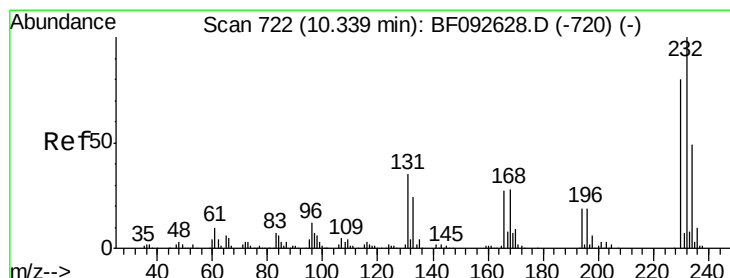
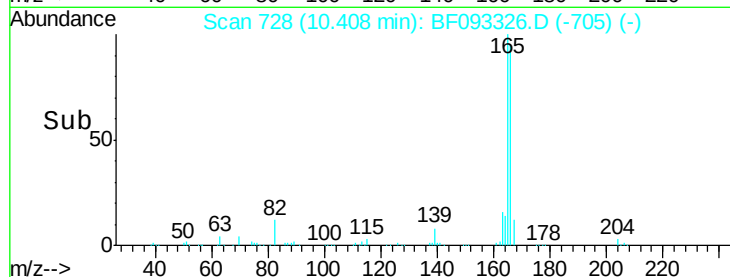
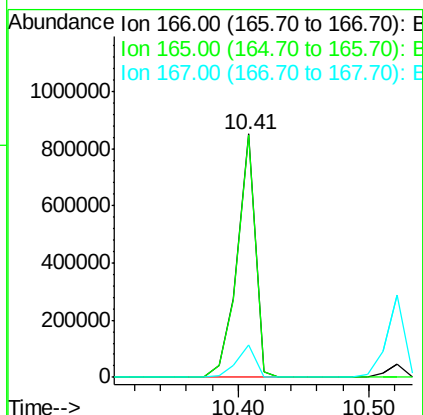
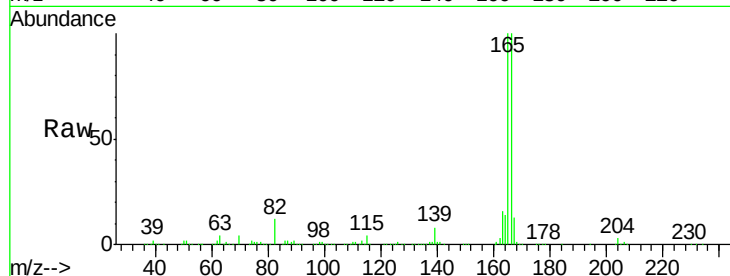




#57
 Fluorene
 Concen: 48.60 ng
 RT: 10.41 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

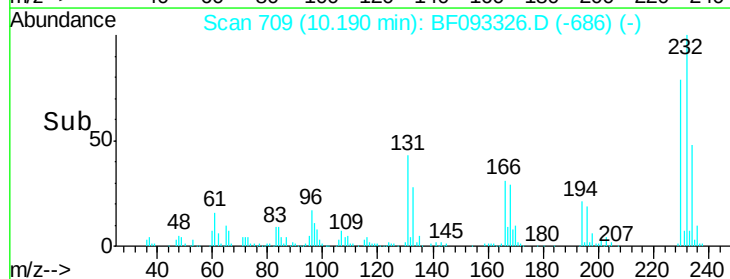
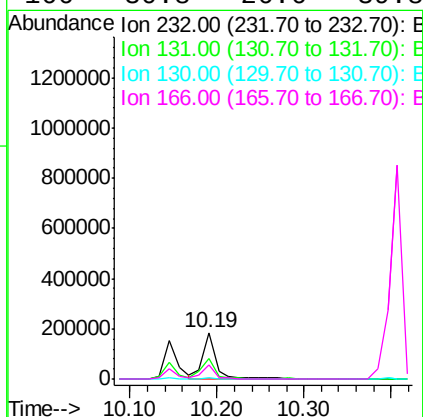
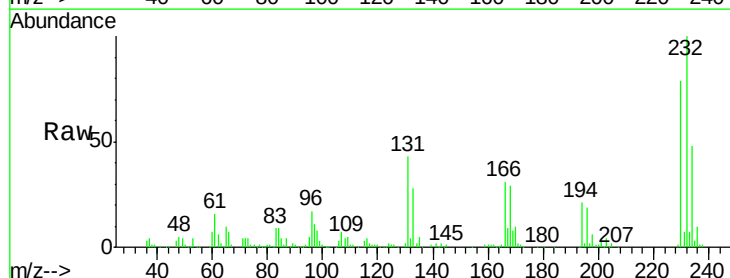
Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

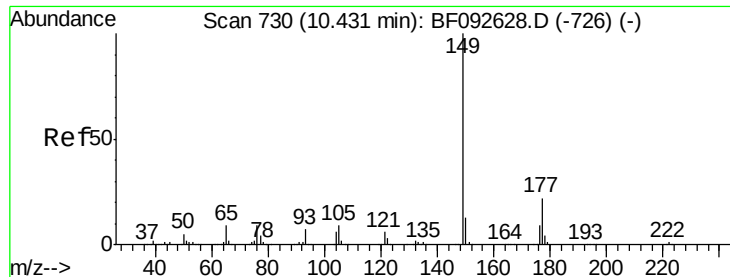
Tgt Ion:166 Resp: 819771
 Ion Ratio Lower Upper
 166 100
 165 99.8 77.8 116.8
 167 13.1 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.11 ng
 RT: 10.19 min Scan# 709
 Delta R.T. -0.03 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Tgt Ion:232 Resp: 189279
 Ion Ratio Lower Upper
 232 100
 131 47.1 40.1 60.1
 130 2.2 1.8 2.8
 166 30.8 26.6 39.8

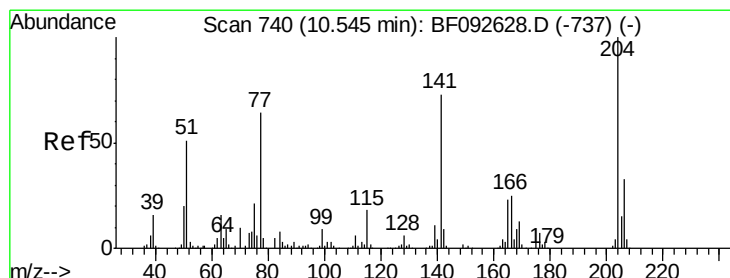
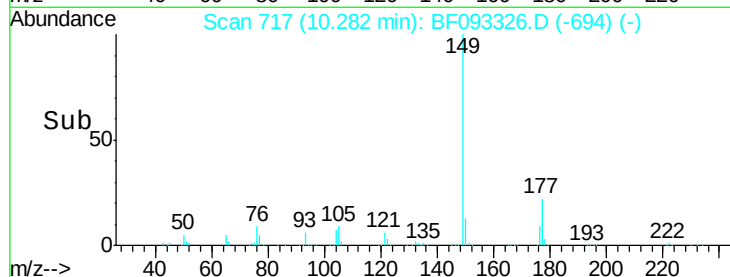
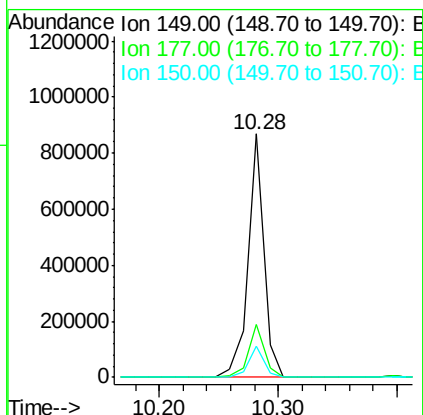
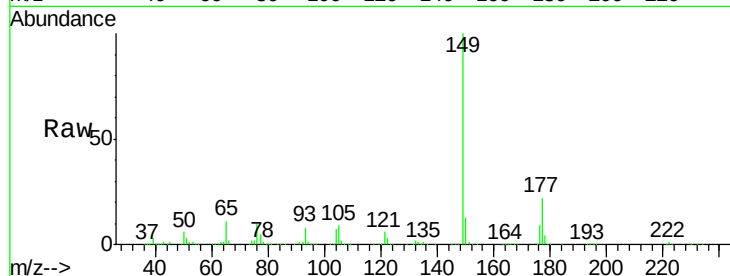




#59
Diethylphthalate
Concen: 45.61 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

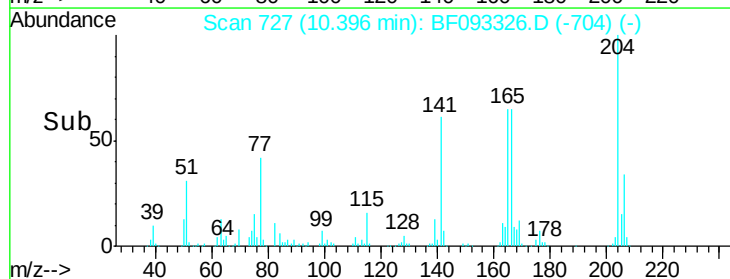
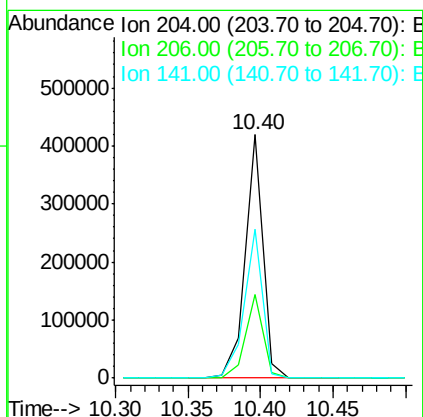
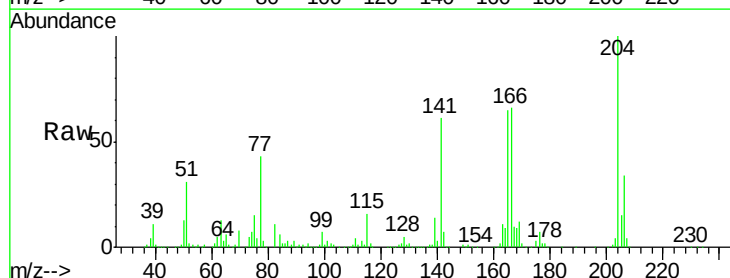
Instrument :
BNA_F
ClientSampleId :
PB97286BSD

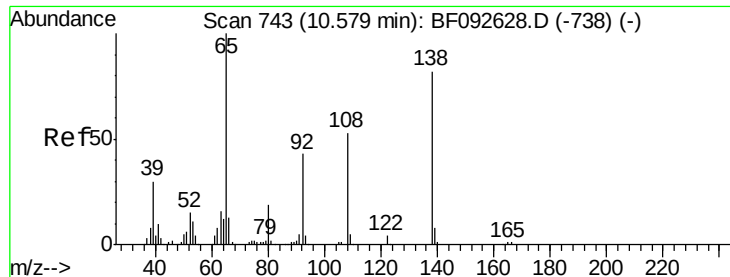
Tgt Ion:149 Resp: 811294
Ion Ratio Lower Upper
149 100
177 21.7 16.6 25.0
150 13.0 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 44.05 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Tgt Ion:204 Resp: 357011
Ion Ratio Lower Upper
204 100
206 34.2 25.8 38.6
141 61.1 59.4 89.0

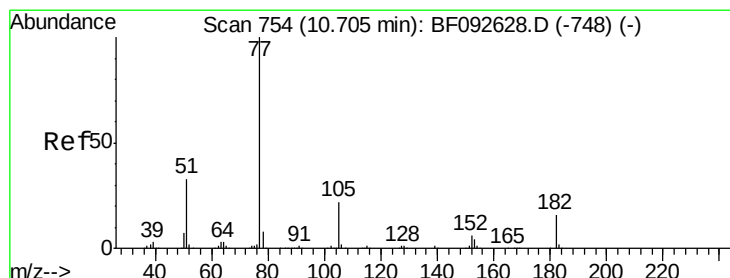
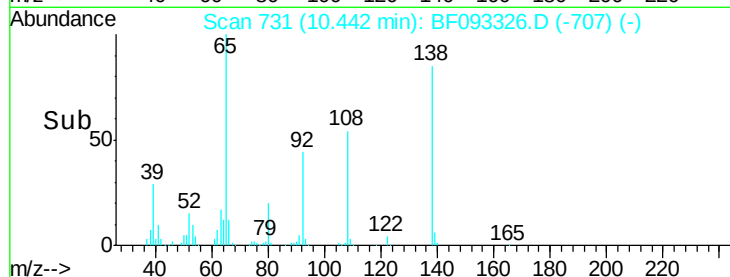
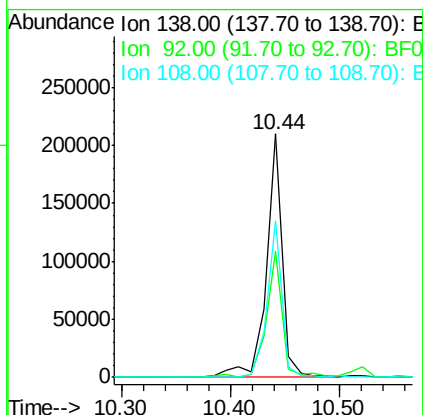
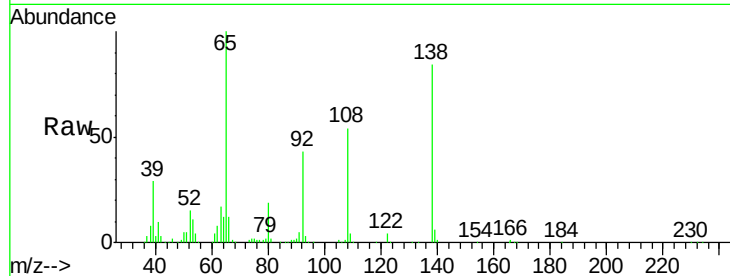




#61
4-Nitroaniline
Concen: 45.03 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

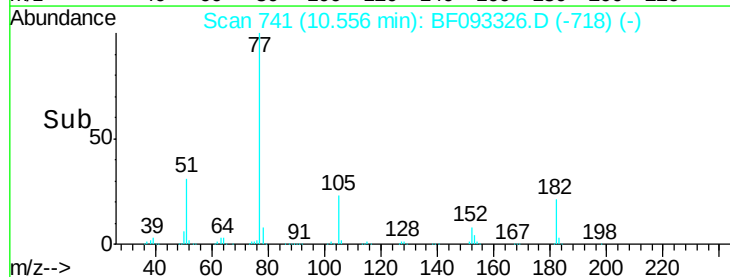
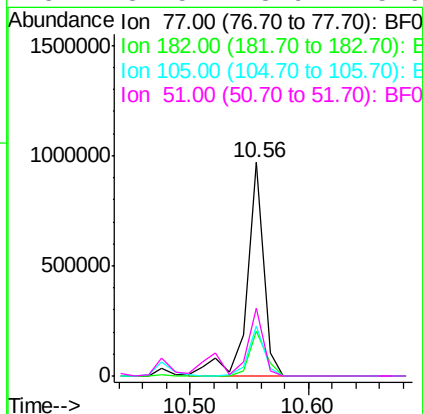
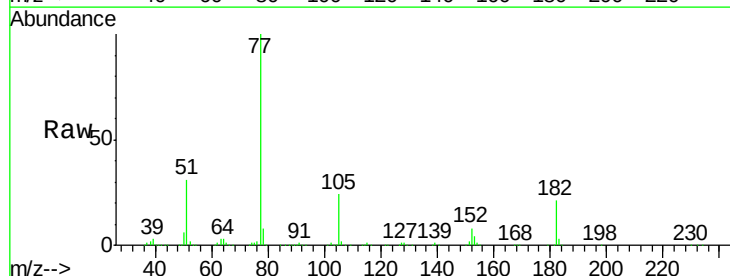
Instrument :
BNA_F
ClientSampleId :
PB97286BSD

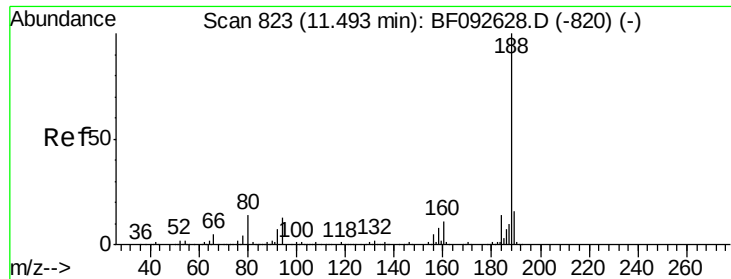
Tgt Ion: 138 Resp: 215129
Ion Ratio Lower Upper
138 100
92 51.9 31.7 71.7
108 64.2 52.6 92.6



#62
Azobenzene
Concen: 52.21 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Tgt Ion: 77 Resp: 959423
Ion Ratio Lower Upper
77 100
182 20.8 0.0 39.3
105 23.6 2.3 42.3
51 31.5 8.9 48.9

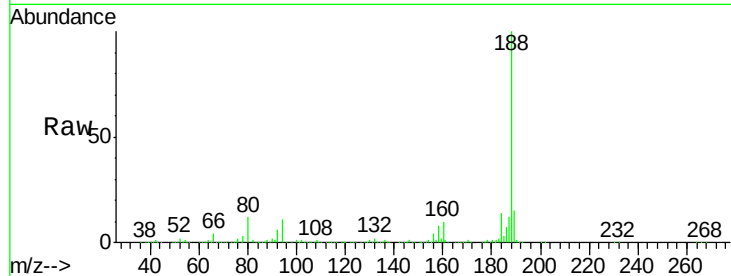




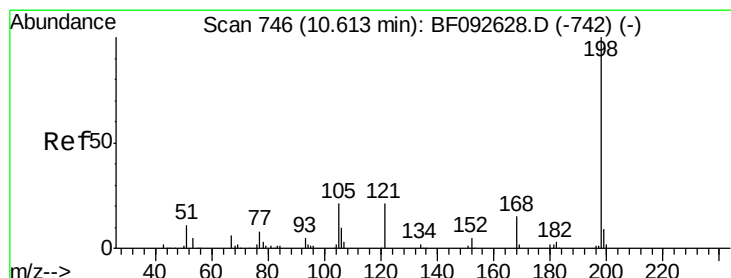
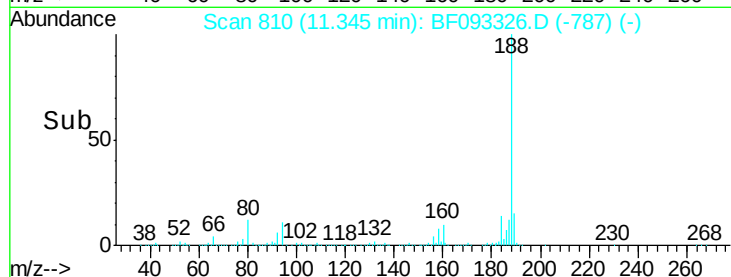
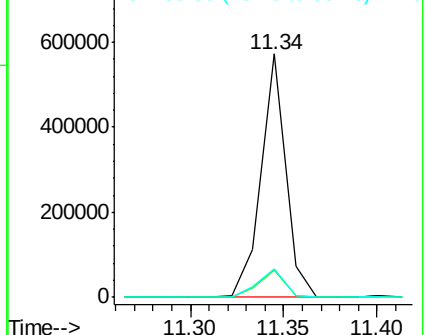
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB97286BSD

Tgt Ion:188 Resp: 524202
Ion Ratio Lower Upper
188 100
94 11.1 10.0 15.0
80 11.7 11.2 16.8

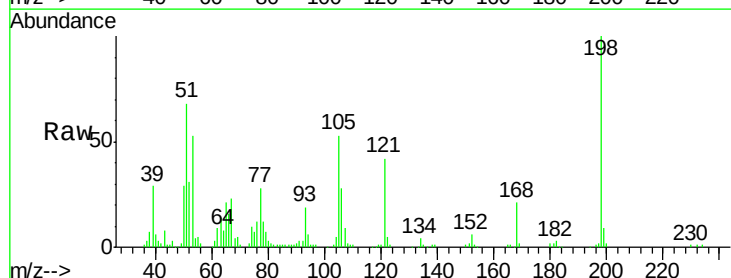


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

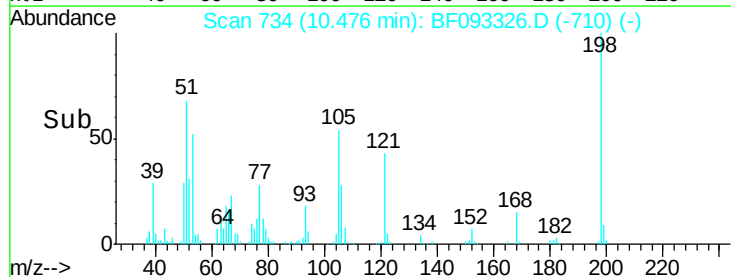
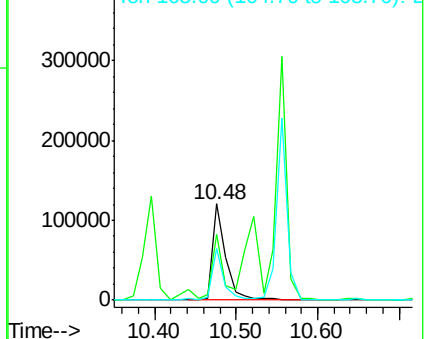


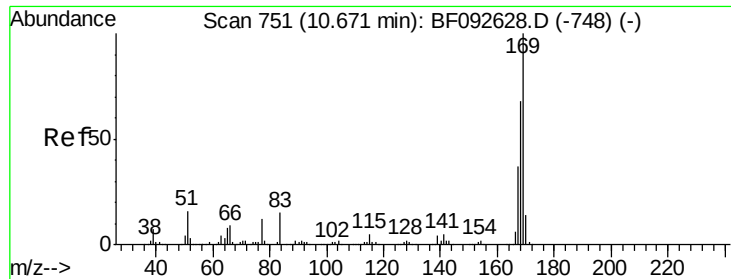
#64
4,6-Dinitro-2-methylphenol
Concen: 44.36 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Tgt Ion:198 Resp: 140844
Ion Ratio Lower Upper
198 100
51 68.0 6.7 46.7#
105 53.2 16.6 56.6



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

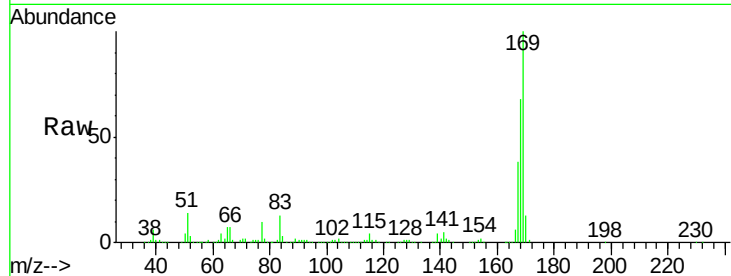




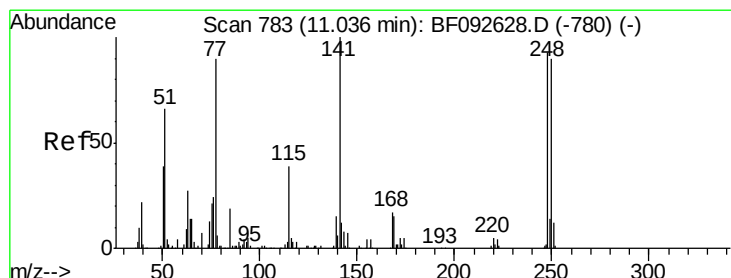
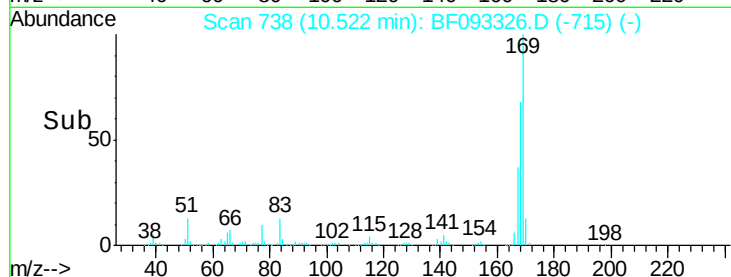
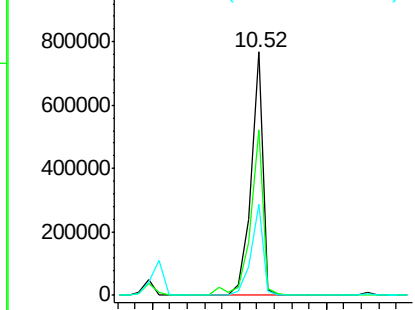
#65
 n-Nitrosodiphenylamine
 Concen: 43.82 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

Tgt Ion:169 Resp: 733865
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.2 81.2
 167 37.5 30.2 45.4

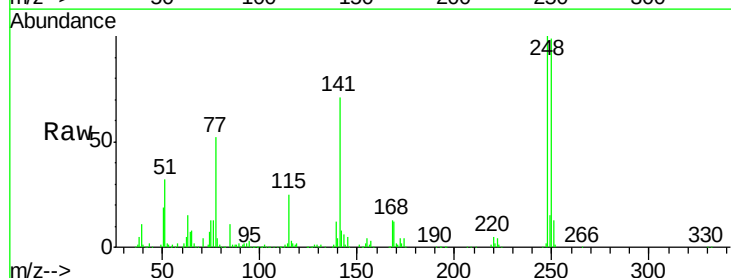


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

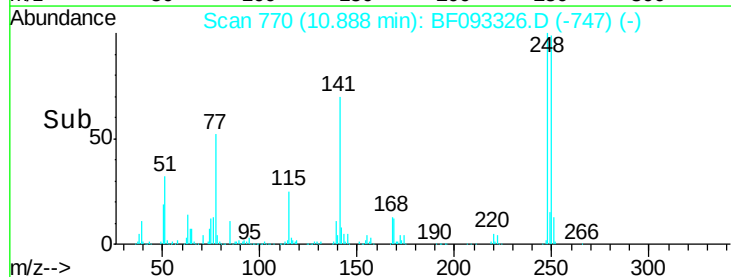
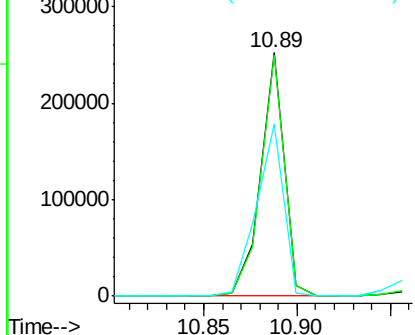


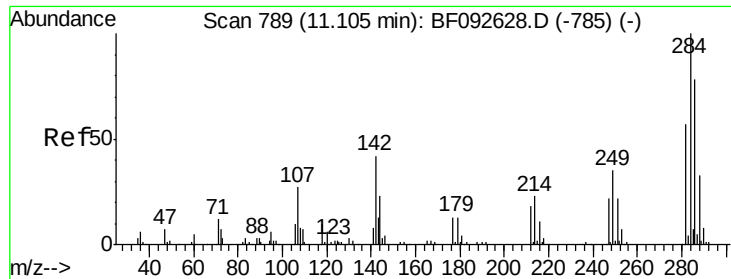
#66
 4-Bromophenyl-phenylether
 Concen: 40.19 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.03 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Tgt Ion:248 Resp: 220109
 Ion Ratio Lower Upper
 248 100
 250 98.9 76.9 115.3
 141 70.8 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

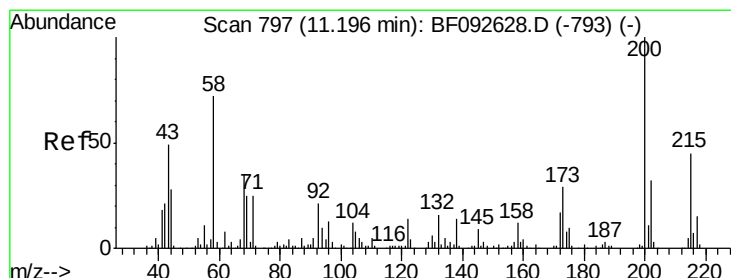
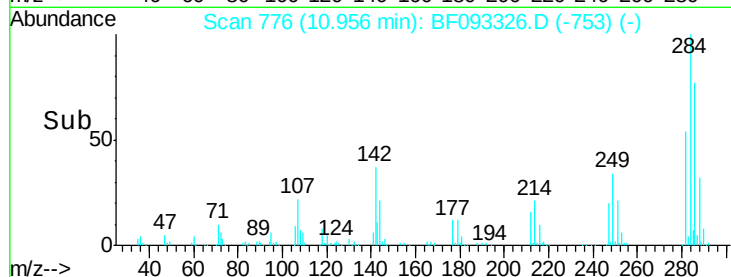
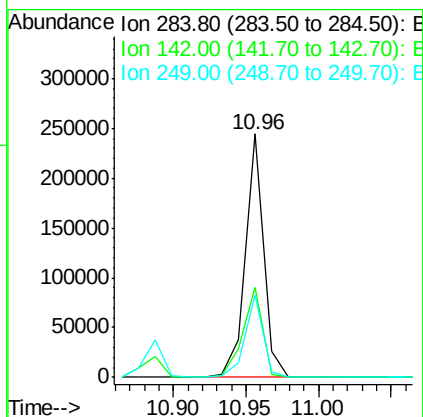
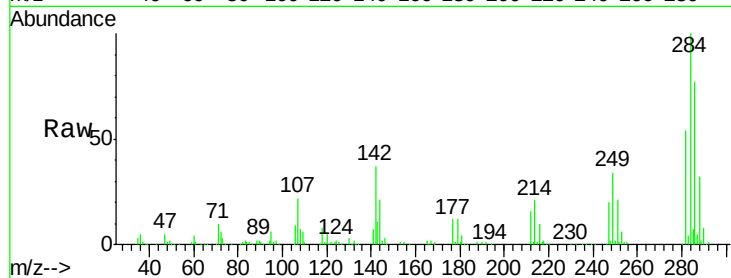




#67
Hexachlorobenzene
Concen: 39.52 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

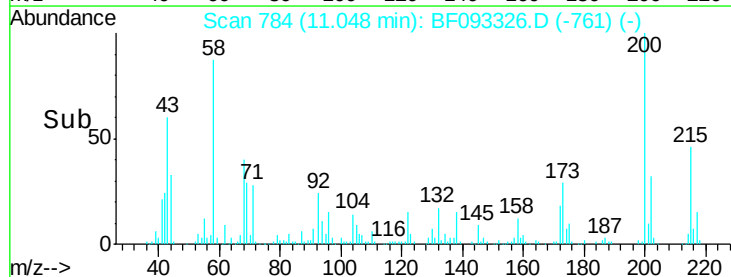
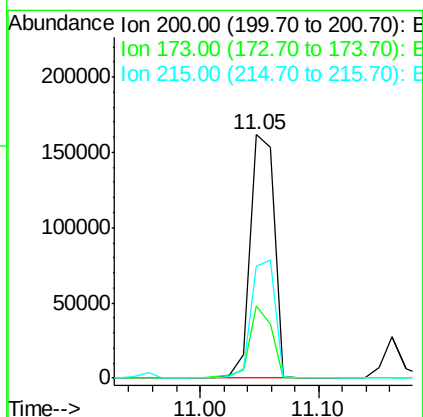
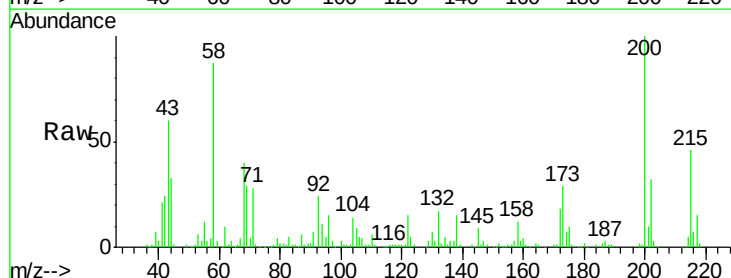
Instrument :
BNA_F
ClientSampleId :
PB97286BSD

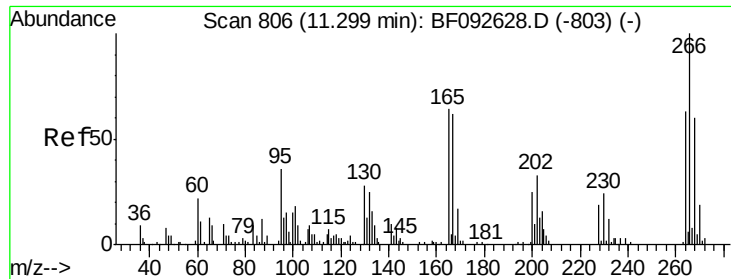
Tgt Ion:284 Resp: 213859
Ion Ratio Lower Upper
284 100
142 36.7 22.6 33.8#
249 33.8 25.4 38.0



#68
Atrazine
Concen: 42.84 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.03 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Tgt Ion:200 Resp: 230219
Ion Ratio Lower Upper
200 100
173 29.4 9.6 49.6
215 45.8 25.7 65.7

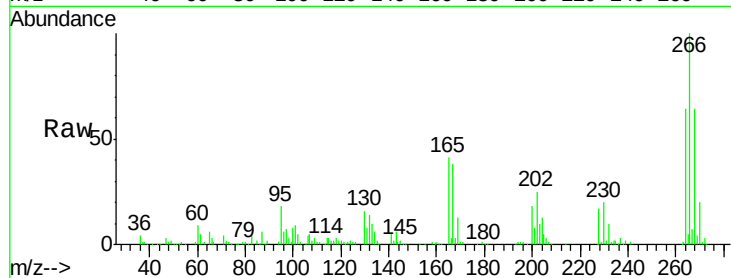




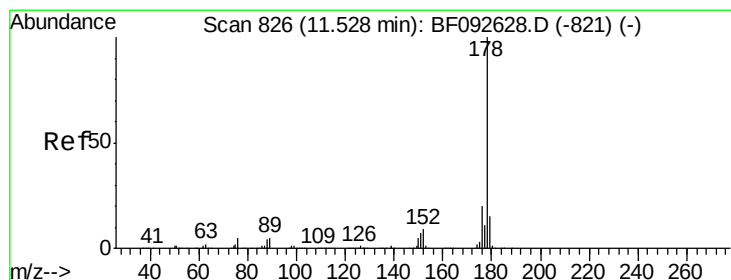
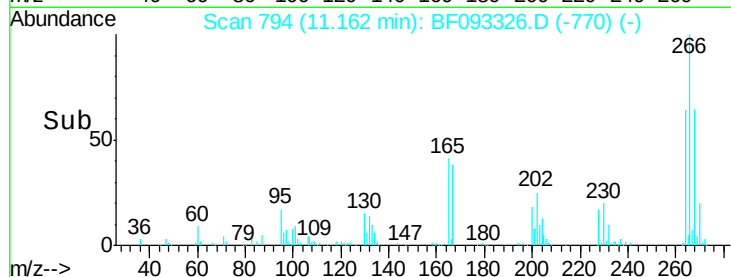
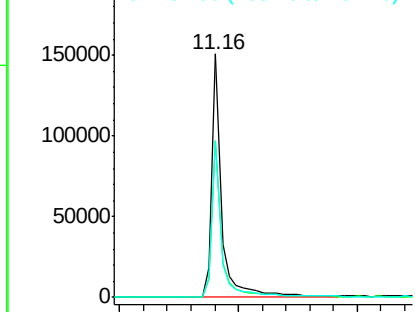
#69
 Pentachlorophenol
 Concen: 65.01 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

Tgt Ion:266 Resp: 177496
 Ion Ratio Lower Upper
 266 100
 268 64.1 53.3 79.9
 264 64.3 50.3 75.5

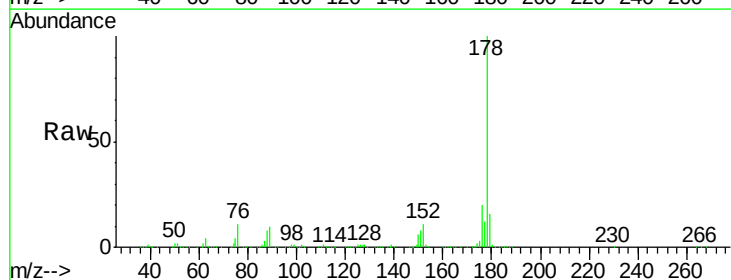


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

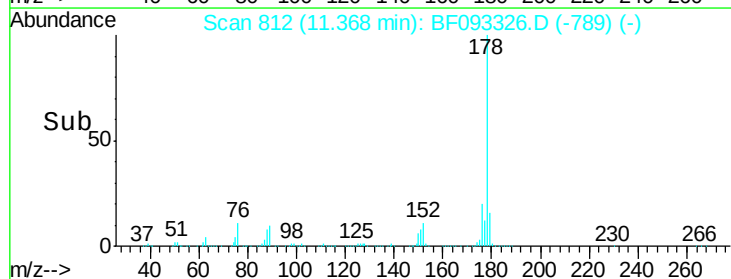
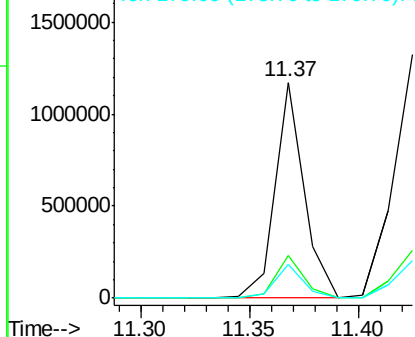


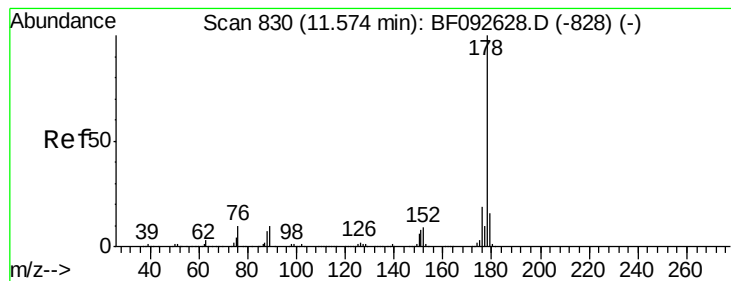
#70
 Phenanthrene
 Concen: 36.50 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Tgt Ion:178 Resp: 1096201
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.6 25.0
 179 15.7 12.8 19.2



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





#71

Anthracene

Concen: 42.54 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.03 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

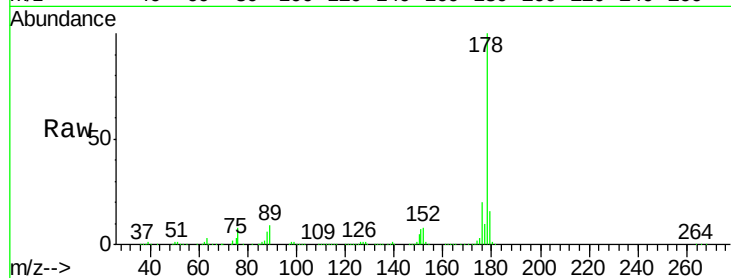
Tgt Ion:178 Resp: 1282989

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

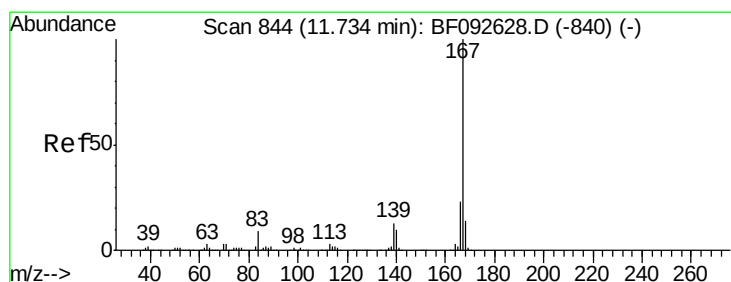
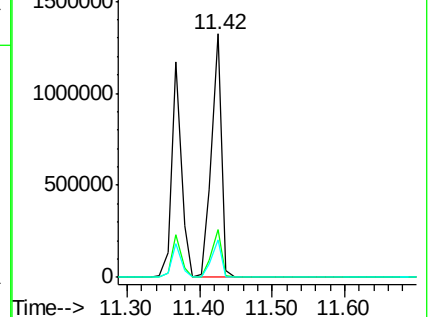
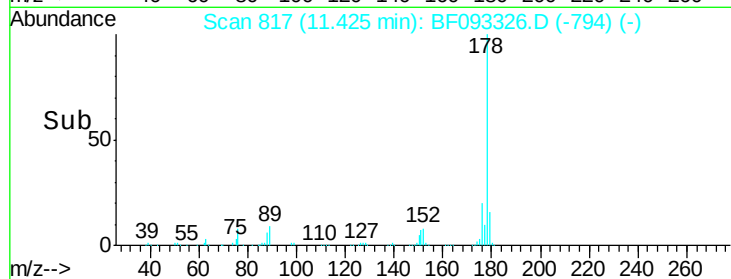
179 15.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.26 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

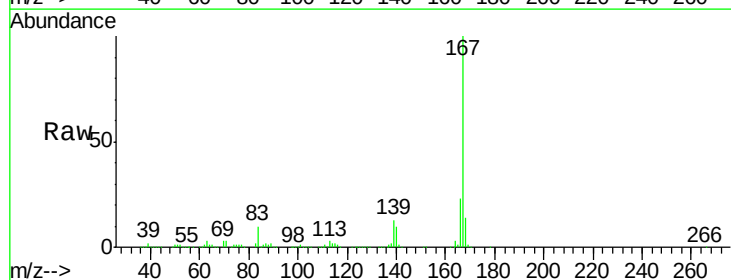
Tgt Ion:167 Resp: 1160558

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

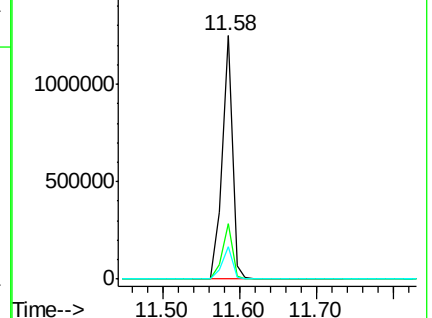
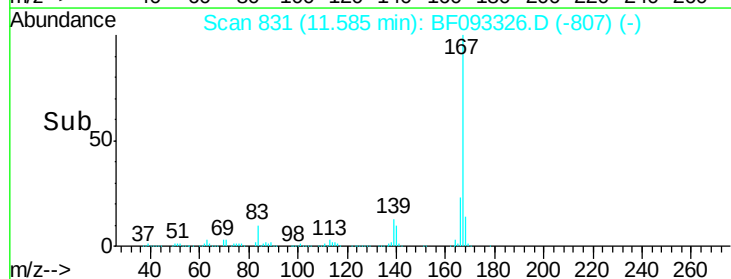
139 13.1 11.4 17.2

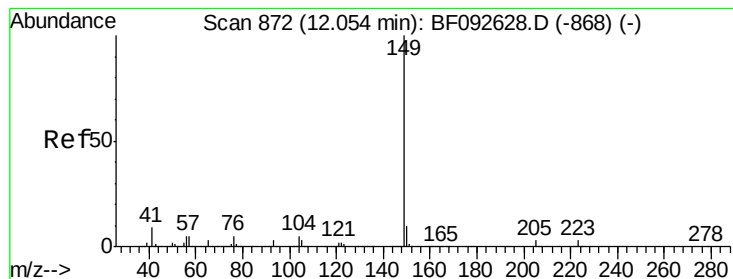


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.51 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

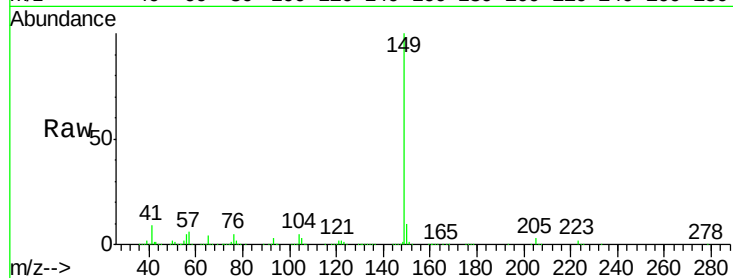
Tgt Ion:149 Resp: 1294189

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

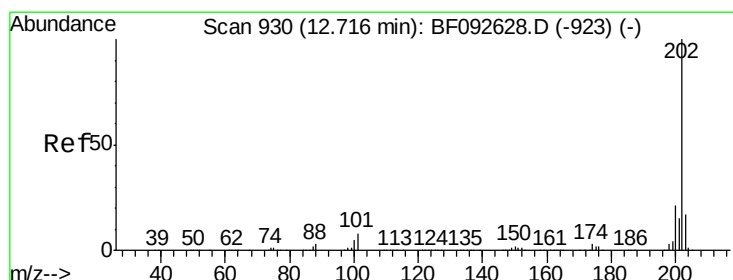
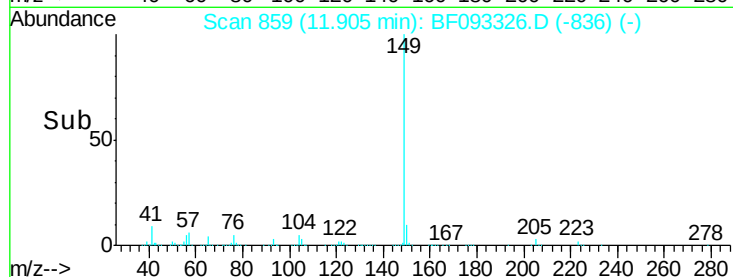
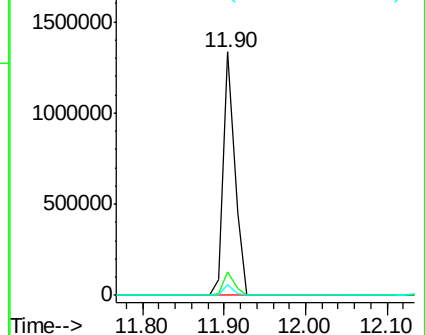
104 4.6 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.28 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

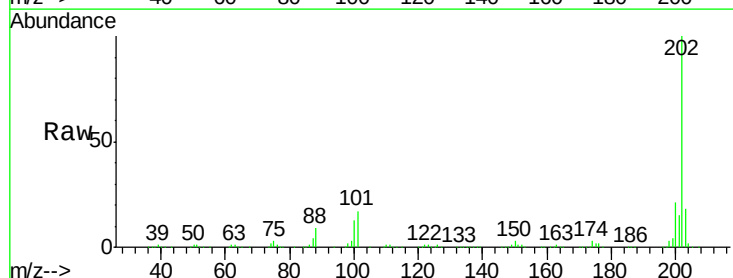
Tgt Ion:202 Resp: 1216820

Ion Ratio Lower Upper

202 100

101 17.2 0.0 34.6

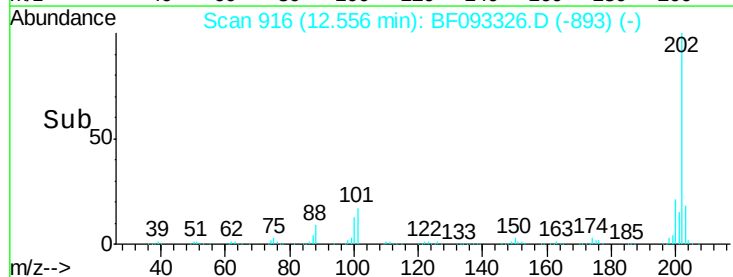
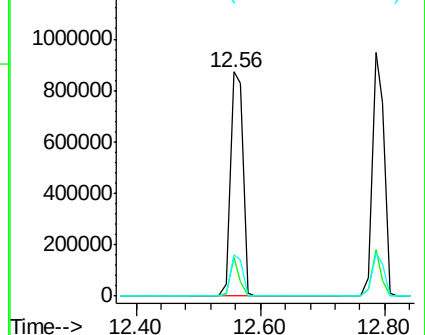
203 18.2 0.0 38.7

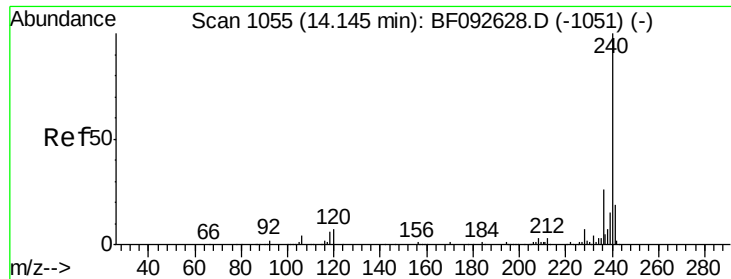


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

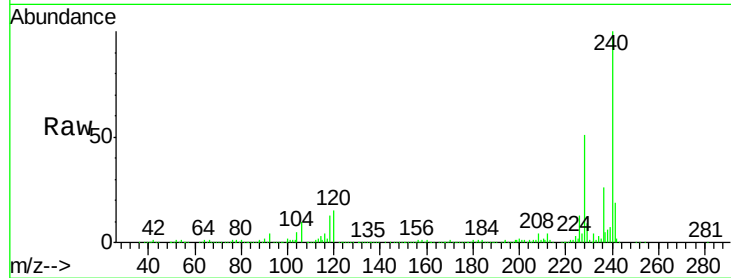
Tgt Ion:240 Resp: 467223

Ion Ratio Lower Upper

240 100

120 14.7 12.9 19.3

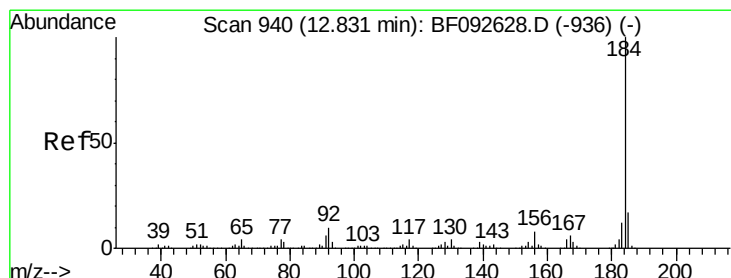
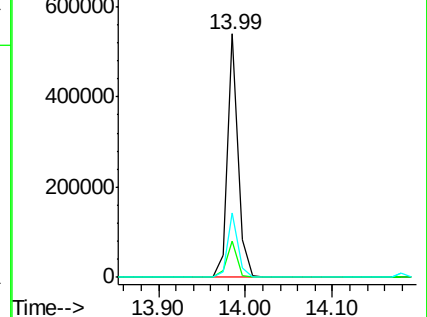
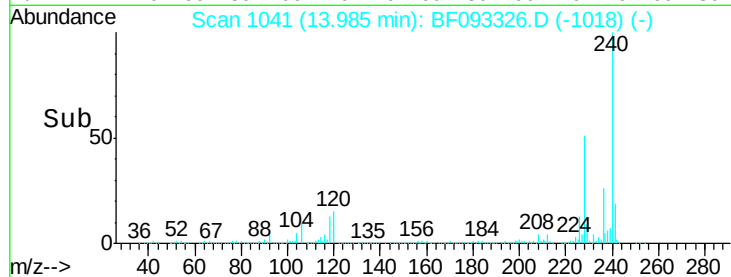
236 26.2 20.9 31.3



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: 21.96 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

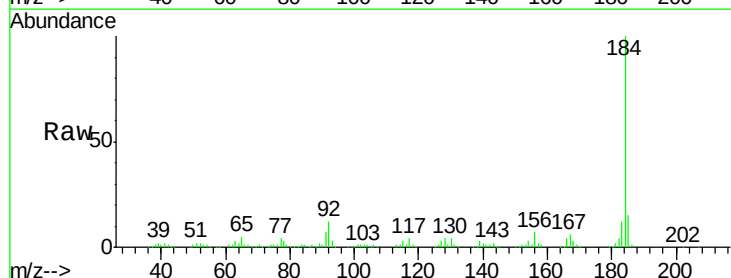
Tgt Ion:184 Resp: 437153

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.0

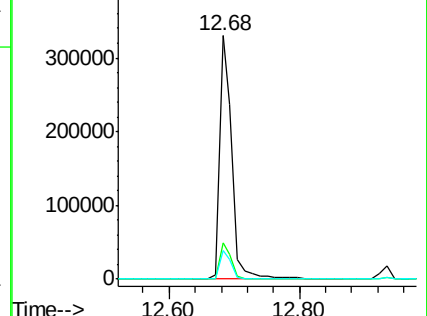
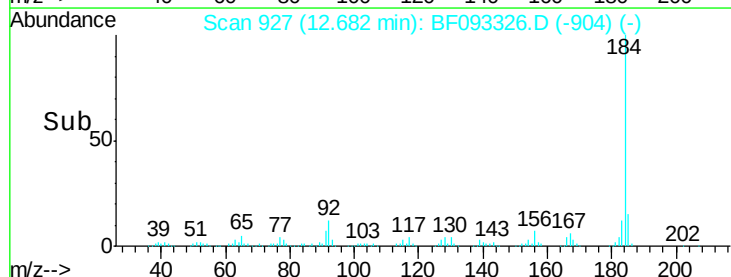
183 11.6 9.2 13.8

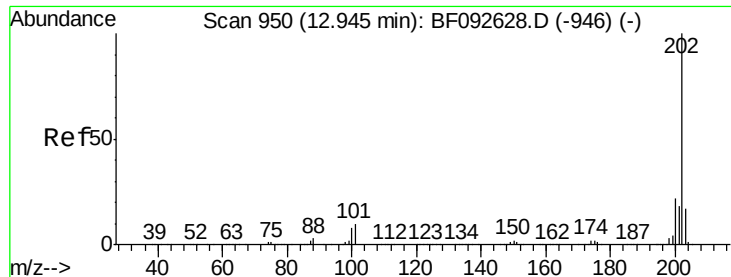


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

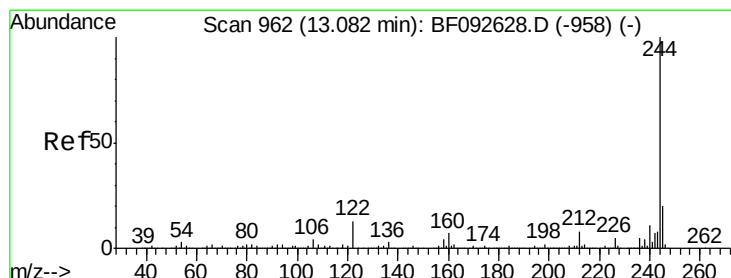
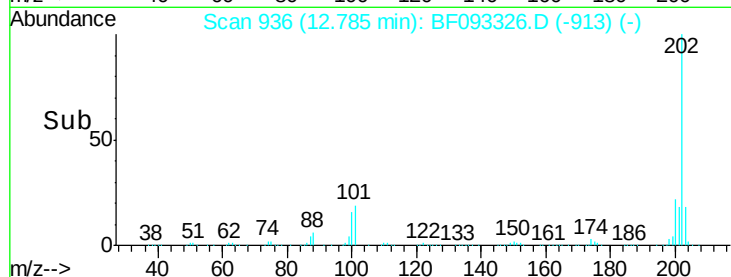
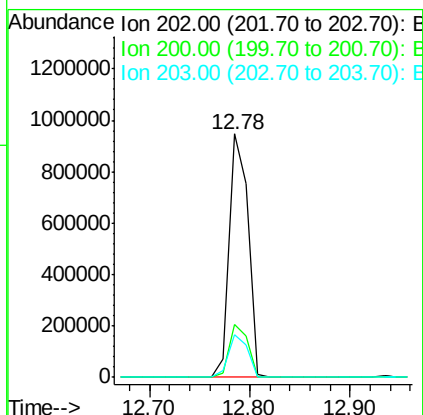
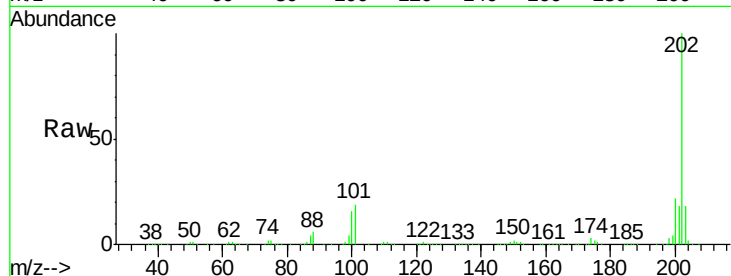




#77
 Pyrene
 Concen: 35.15 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.03 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

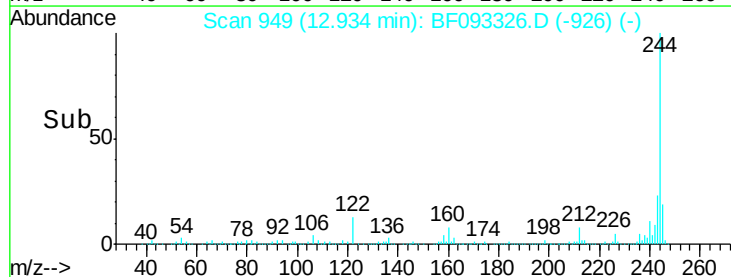
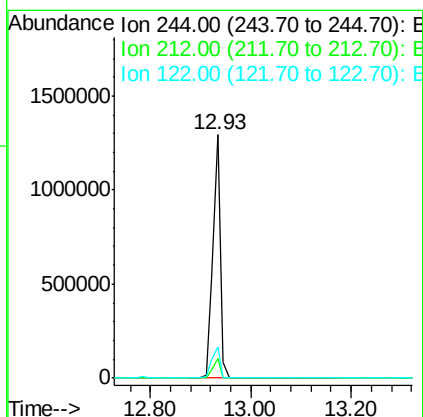
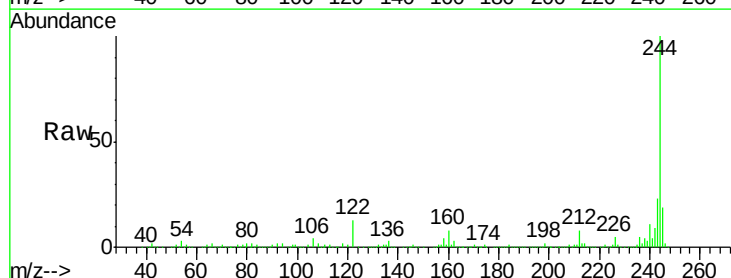
Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

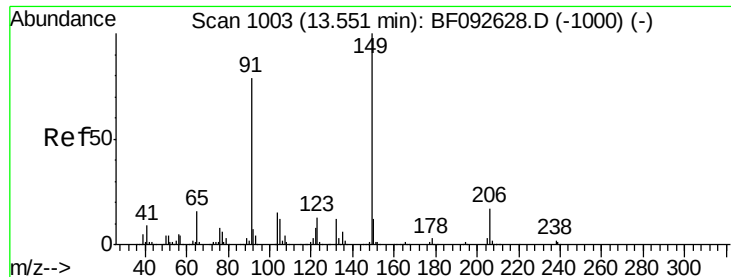
Tgt Ion: 202 Resp: 1229095
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.7 26.5
 203 17.7 14.7 22.1



#78
 Terphenyl-d14
 Concen: 66.96 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Tgt Ion: 244 Resp: 1331454
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 12.7 11.4 17.2

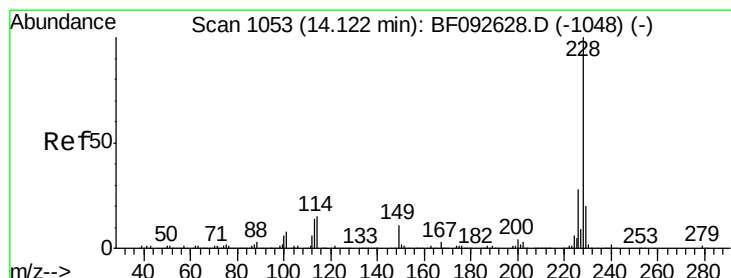
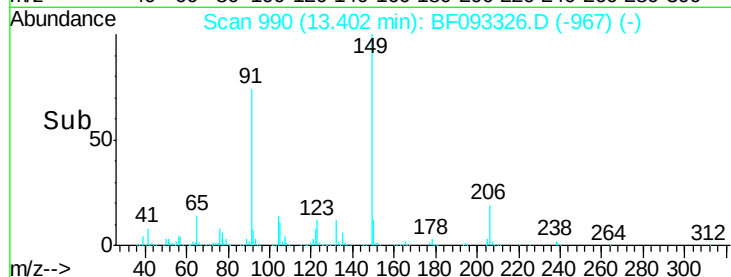
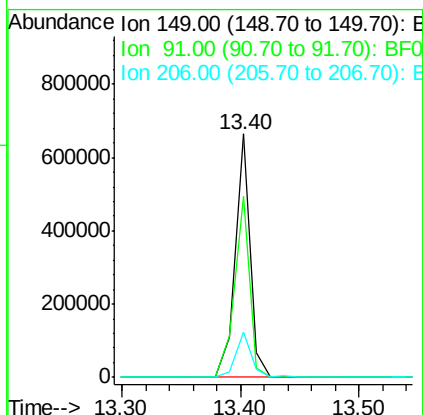
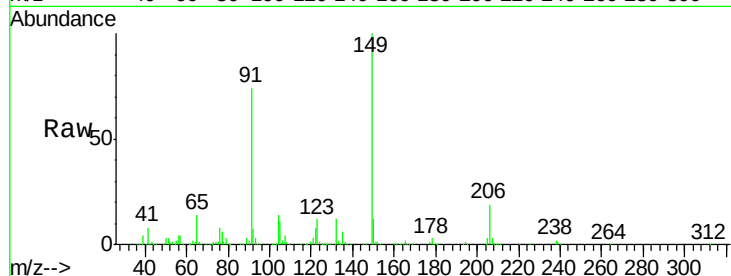




#79
Butylbenzylphthalate
Concen: 40.90 ng
RT: 13.40 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

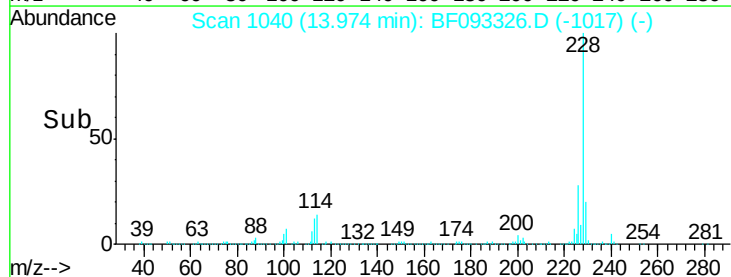
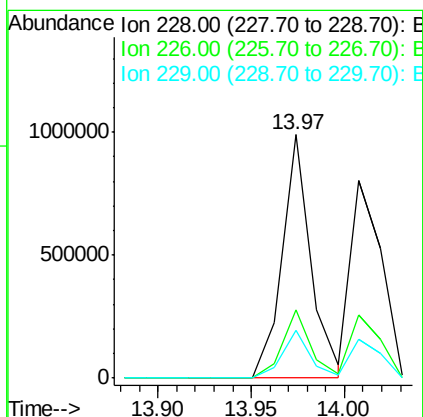
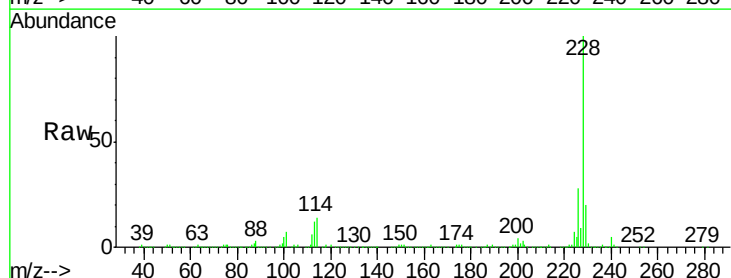
Instrument :
BNA_F
ClientSampleId :
PB97286BSD

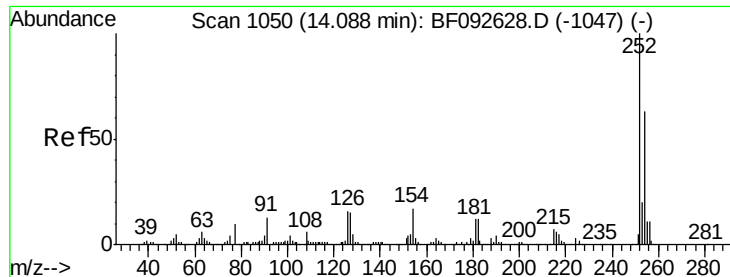
Tgt Ion:149 Resp: 580751
Ion Ratio Lower Upper
149 100
91 74.4 63.9 95.9
206 18.7 14.6 21.8



#80
Benzo(a)anthracene
Concen: 37.20 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093326.D
Acq: 2 Mar 2017 17:47

Tgt Ion:228 Resp: 1062899
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 19.7 16.2 24.4

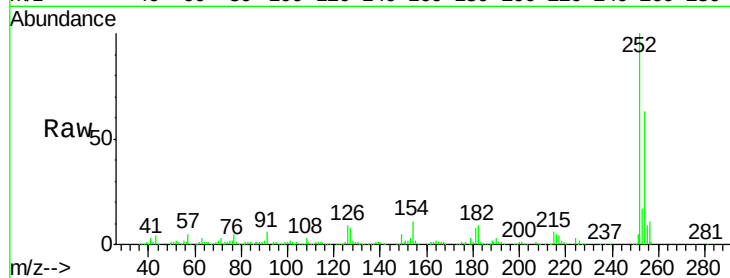




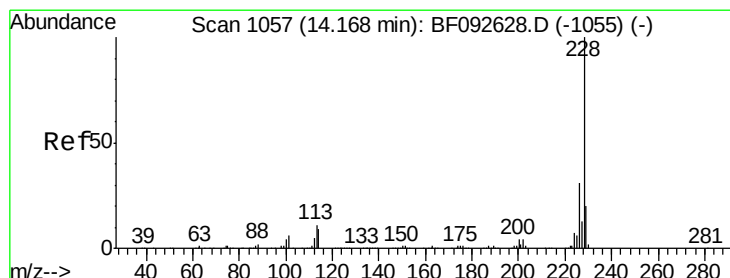
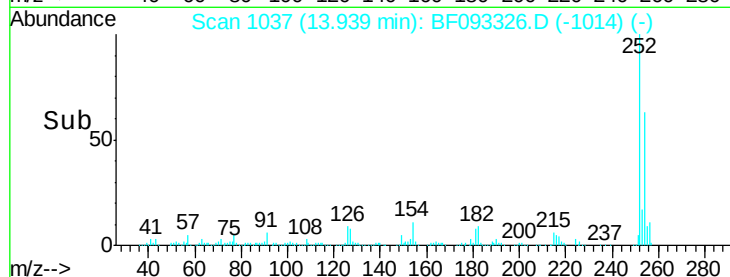
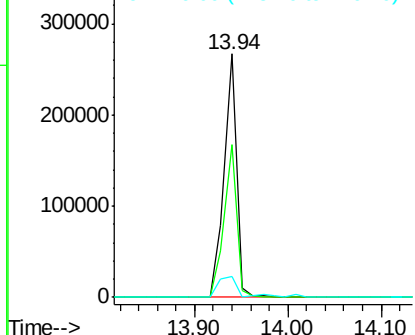
#81
 3,3'-Dichlorobenzidine
 Concen: 24.52 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

Tgt Ion:252 Resp: 249791
 Ion Ratio Lower Upper
 252 100
 254 62.5 52.3 78.5
 126 8.8 13.6 20.4#

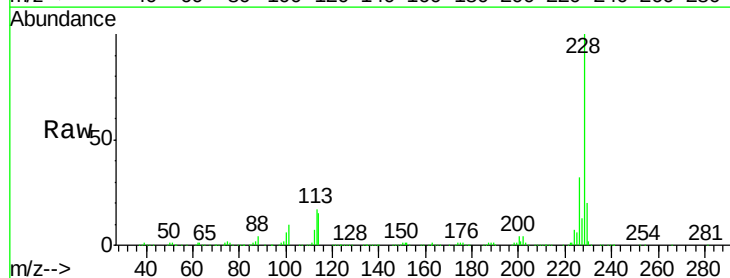


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

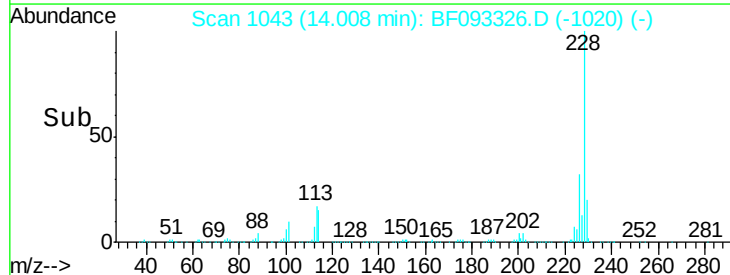
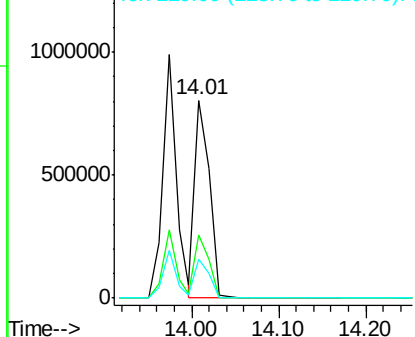


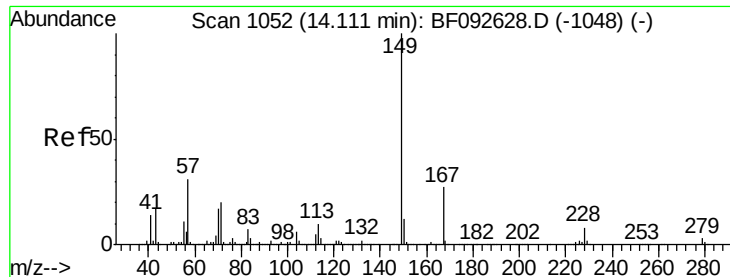
#82
 Chrysene
 Concen: 34.81 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Tgt Ion:228 Resp: 931436
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.4 38.0
 229 19.9 16.2 24.2



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

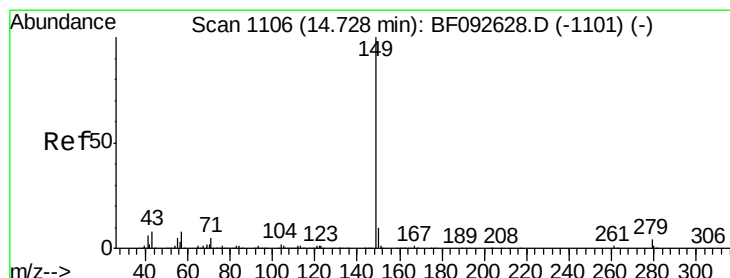
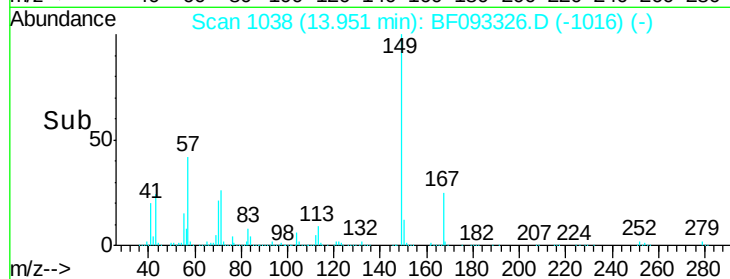
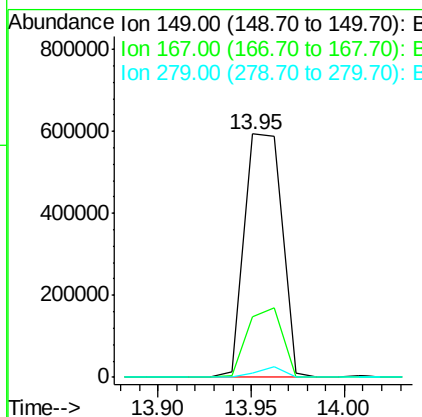
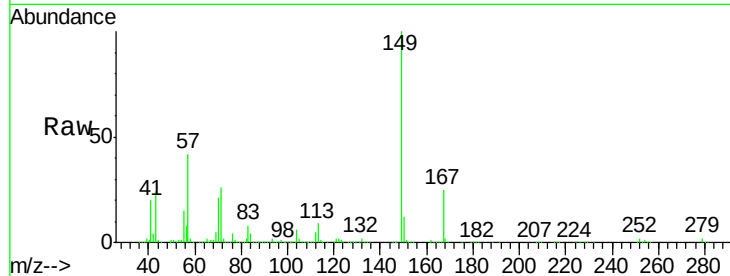




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.72 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.05 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

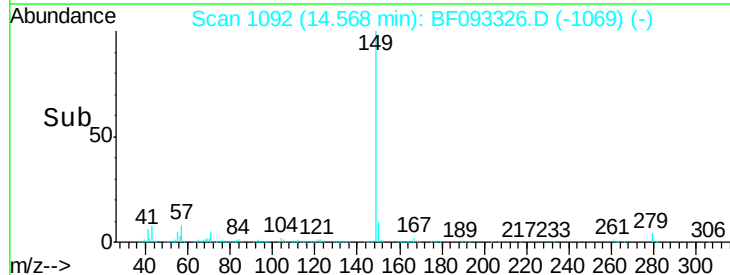
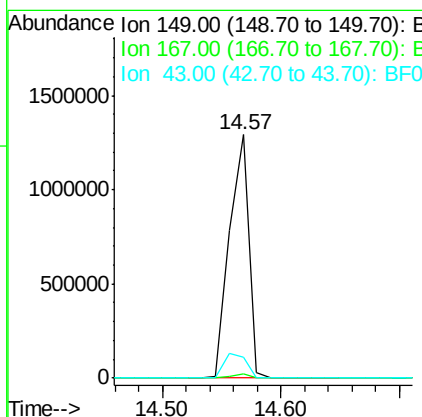
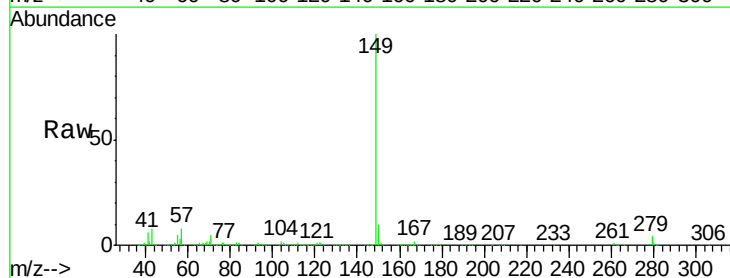
Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

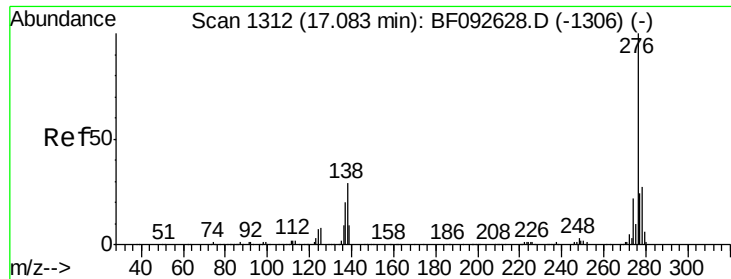
Tgt Ion:149 Resp: 829627
 Ion Ratio Lower Upper
 149 100
 167 24.7 20.2 30.4
 279 1.8 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 46.17 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. -0.03 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Tgt Ion:149 Resp: 1459795
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.4 8.9 13.3

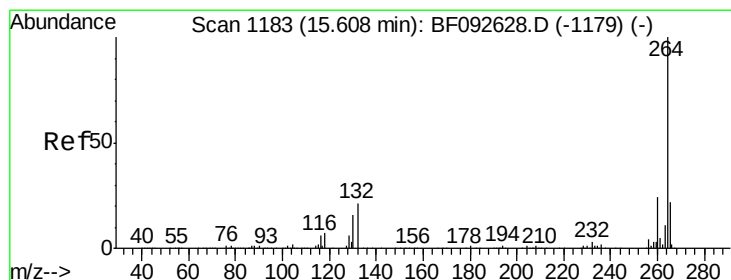
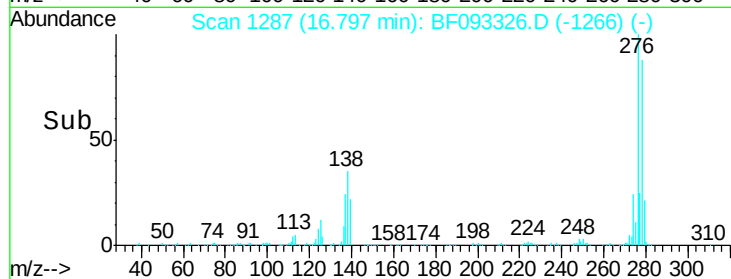
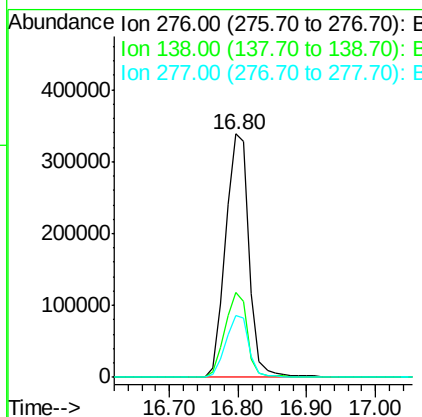
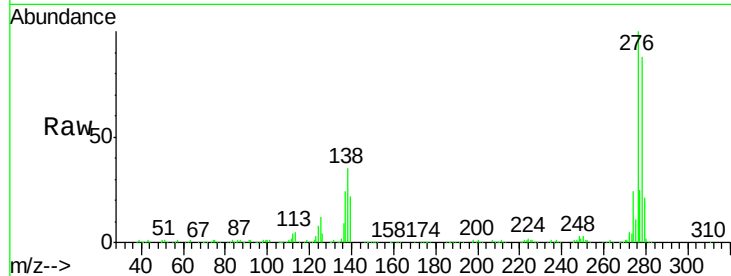




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.58 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. -0.06 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

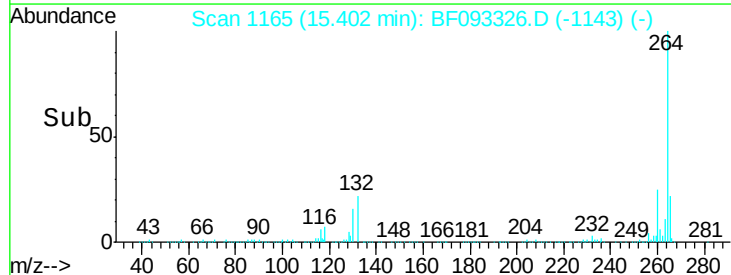
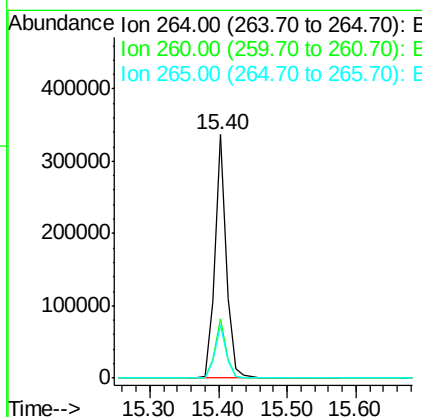
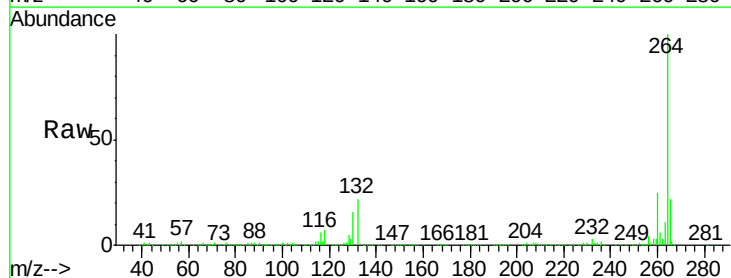
Instrument :
 BNA_F
 ClientSampleId :
 PB97286BSD

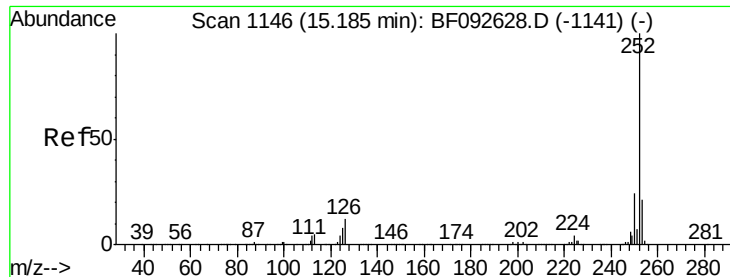
Tgt Ion:276 Resp: 820354
 Ion Ratio Lower Upper
 276 100
 138 33.4 21.8 32.6#
 277 25.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.05 min
 Lab File: BF093326.D
 Acq: 2 Mar 2017 17:47

Tgt Ion:264 Resp: 396507
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.8 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 72.58 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

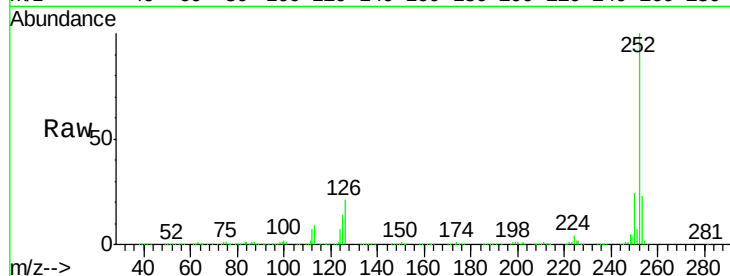
Tgt Ion:252 Resp: 1894259

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

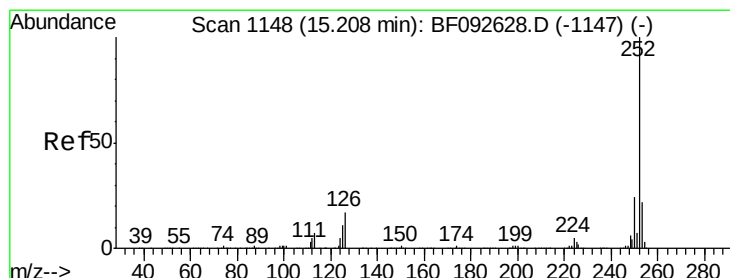
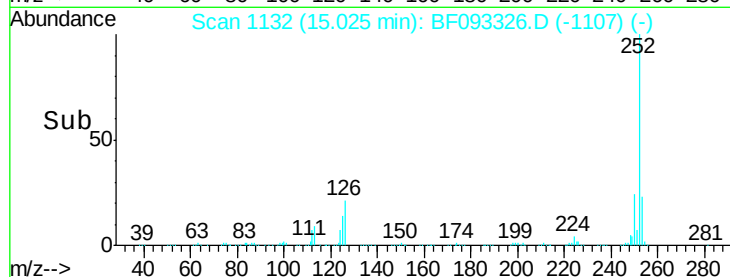
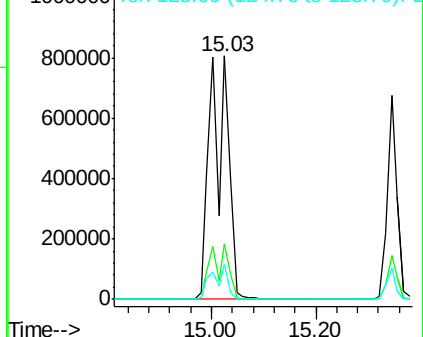
125 14.3 9.8 14.6



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: 84.10 ng

RT: 15.03 min Scan# 1132

Delta R.T. -0.05 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

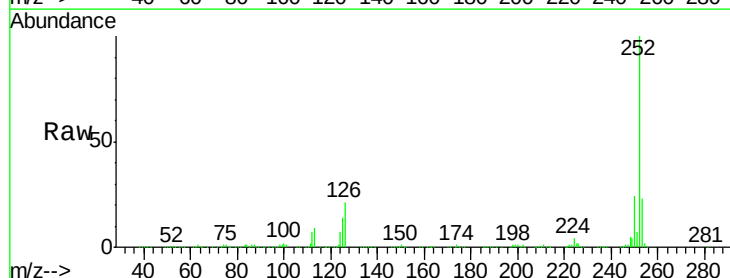
Tgt Ion:252 Resp: 1895026

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

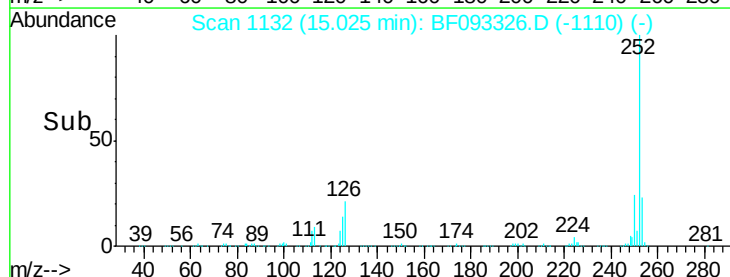
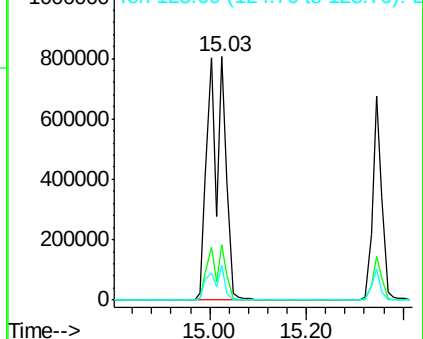
125 14.3 8.9 13.3#

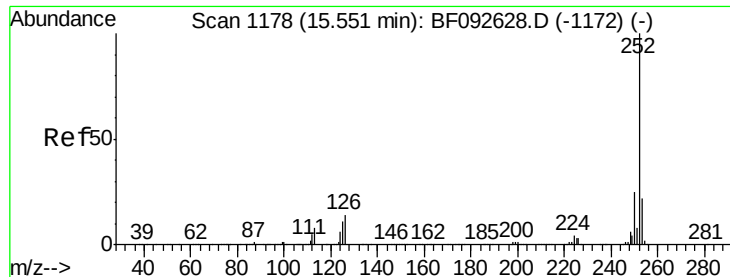


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.35 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.05 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD

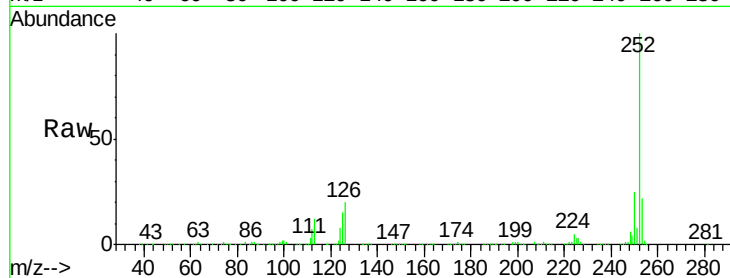
Tgt Ion:252 Resp: 888213

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

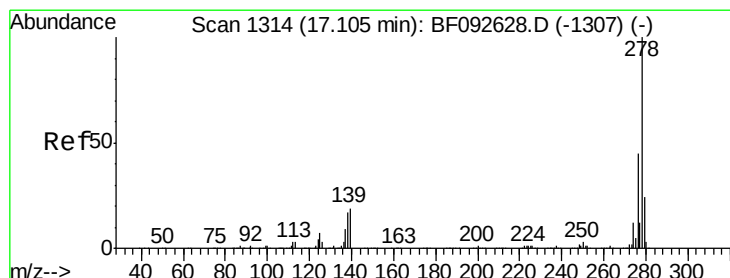
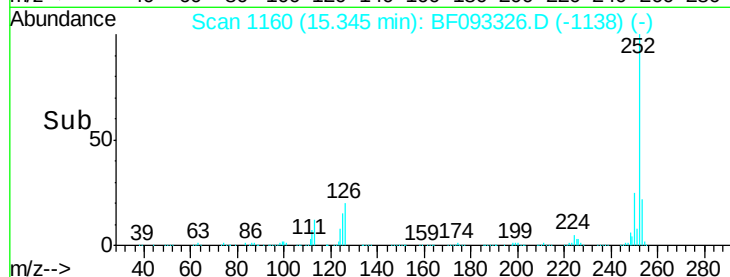
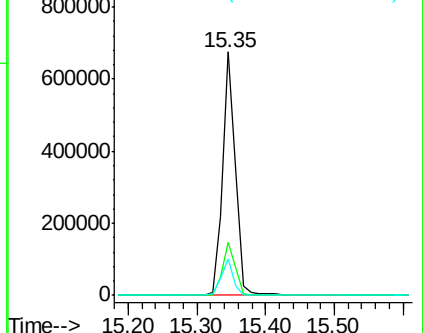
125 15.0 10.0 15.0



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: 38.02 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.06 min

Lab File: BF093326.D

Acq: 2 Mar 2017 17:47

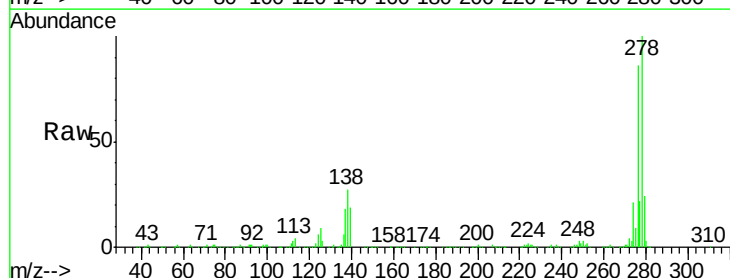
Tgt Ion:278 Resp: 693677

Ion Ratio Lower Upper

278 100

139 18.8 14.8 22.2

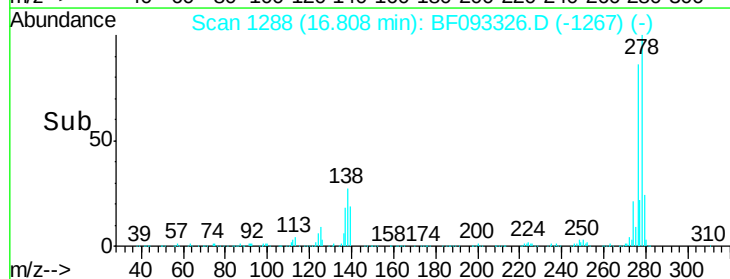
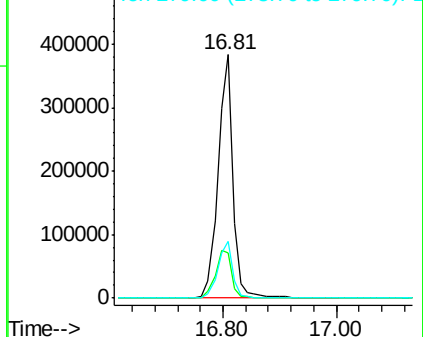
279 23.5 19.8 29.6

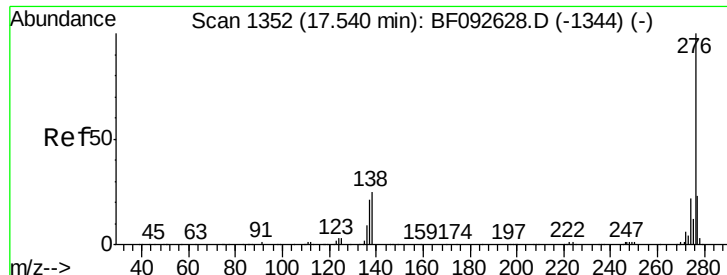


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.94 ng

RT: 17.22 min Scan# 1324

Delta R.T. -0.07 min

Lab File: BF093326.D

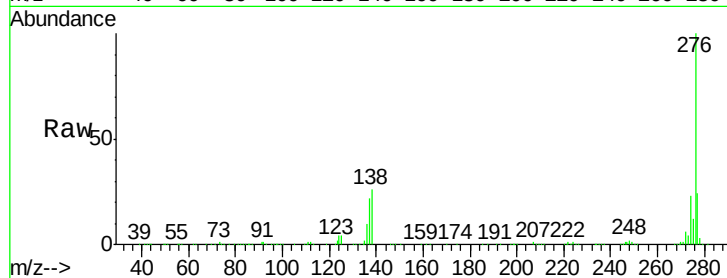
Acq: 2 Mar 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB97286BSD



Tgt Ion:	276	Resp:	699288
Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	25.9	16.0	24.0

