

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093653.D
 Acq On : 14 Mar 2017 12:40
 Operator : SJ/MA
 Sample : PB97542BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97542BS

Quant Time: Mar 15 02:31:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	176901	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	747119	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	341260	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	614945	20.00	ng	0.00
75) Chrysene-d12	13.90	240	446975	20.00	ng	0.01
86) Perylene-d12	15.31	264	315220	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1344462	126.49	ng	-0.01
7) Phenol-d6	6.37	99	1687806	125.92	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1138956	84.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	316263	142.24	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1689615	92.09	ng	0.00
78) Terphenyl-d14	12.84	244	1421054	82.66	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	164880	28.16	ng	# 79
3) Pyridine	2.89	79	411967	27.60	ng	87
4) n-Nitrosodimethylamine	2.86	42	288228	40.43	ng	80
6) Aniline	6.39	93	554748	30.16	ng	95
8) 2-Chlorophenol	6.50	128	499258	41.92	ng	96
9) Benzaldehyde	6.30	77	37931	3.00	ng	86
10) Phenol	6.39	94	670313	40.81	ng	93
11) bis(2-Chloroethyl)ether	6.45	93	566258	42.66	ng	89
12) 1,3-Dichlorobenzene	6.64	146	526069	38.59	ng	# 91
13) 1,4-Dichlorobenzene	6.72	146	551113	39.49	ng	99
14) 1,2-Dichlorobenzene	6.88	146	482667	39.05	ng	96
15) Benzyl Alcohol	6.88	79	362819	37.97	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	870908	39.49	ng	52
17) 2-Methylphenol	7.00	107	430673	42.76	ng	# 88
18) Hexachloroethane	7.21	117	191076	40.60	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	388198	42.13	ng	# 94
20) 3+4-Methylphenols	7.16	107	626588	47.96	ng	# 72
22) Acetophenone	7.13	105	716364	39.84	ng	# 99
24) Nitrobenzene	7.30	77	588571	38.89	ng	96
25) Isophorone	7.54	82	1072477	39.50	ng	# 93
26) 2-Nitrophenol	7.62	139	284312	41.18	ng	# 88
27) 2,4-Dimethylphenol	7.68	122	420821	37.47	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	709013	41.36	ng	99
29) 2,4-Dichlorophenol	7.89	162	433793	41.05	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	414532	36.89	ng	95
31) Naphthalene	8.02	128	1397984	37.34	ng	99
32) Benzoic acid	7.85	122	244412	41.87	ng	97
33) 4-Chloroaniline	8.10	127	332404	21.88	ng	# 93
34) Hexachlorobutadiene	8.14	225	223193	38.56	ng	98
35) Caprolactam	8.48	113	88315	24.47	ng	# 43
36) 4-Chloro-3-methylphenol	8.60	107	500215	44.35	ng	95
37) 2-Methylnaphthalene	8.72	142	924881	38.83	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	398622	42.78	ng	99
40) Hexachlorocyclopentadiene	8.86	237	187383	79.74	ng	96

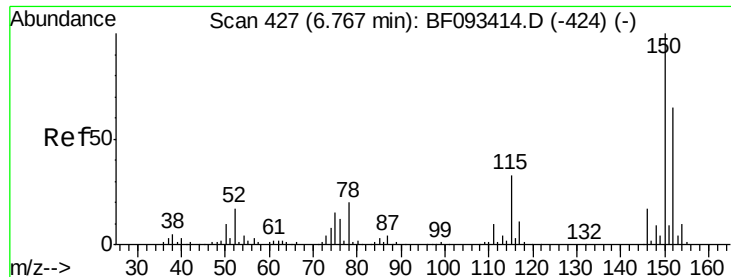
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	265267	45.56	nq	95
43) 2,4,5-Trichlorophenol	9.08	196	241116	38.60	nq #	88
45) 1,1'-Biphenyl	9.18	154	1084694	43.63	nq	96
46) 2-Chloronaphthalene	9.21	162	889066	46.72	nq	97
47) 2-Nitroaniline	9.33	65	315182	46.85	nq	96
48) Acenaphthylene	9.62	152	1391025	44.32	nq	99
49) Dimethylphthalate	9.50	163	1078104	47.65	nq	100
50) 2,6-Dinitrotoluene	9.57	165	231626	46.66	nq #	75
51) Acenaphthene	9.80	154	848224	45.71	nq	97
52) 3-Nitroaniline	9.75	138	172809	28.97	nq	84
53) 2,4-Dinitrophenol	9.88	184	184342	81.54	nq #	69
54) Dibenzofuran	9.97	168	1144811	49.29	nq	98
55) 4-Nitrophenol	9.97	139	734033	253.39	nq #	12
56) 2,4-Dinitrotoluene	9.98	165	312669	51.27	nq #	80
57) Fluorene	10.31	166	902902	45.87	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	232754	52.79	nq	94
59) Diethylphthalate	10.20	149	1076467	49.78	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	401962	45.56	nq	94
61) 4-Nitroaniline	10.37	138	251401	41.22	nq	96
62) Azobenzene	10.46	77	1239002	50.43	nq	92
64) 4,6-Dinitro-2-methylphenol	10.40	198	139317	34.97	nq	85
65) n-Nitrosodiphenylamine	10.42	169	809978	39.45	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	250686	38.55	nq	98
67) Hexachlorobenzene	10.86	284	245700	39.57	nq #	80
68) Atrazine	10.96	200	207265	34.49	nq	100
69) Pentachlorophenol	11.08	266	126928	59.21	nq	96
70) Phenanthrene	11.27	178	1343231	38.27	nq	99
71) Anthracene	11.33	178	1397525	39.36	nq	99
72) Carbazole	11.50	167	1322191	39.64	nq	98
73) Di-n-butylphthalate	11.82	149	1646431	42.66	nq #	96
74) Fluoranthene	12.47	202	1402048	41.35	nq	93
76) Benzidine	12.61	184	357279	24.31	nq	97
77) Pyrene	12.69	202	1390272	42.77	nq	100
79) Butylbenzylphthalate	13.31	149	655663	47.91	nq	97
80) Benzo(a)anthracene	13.89	228	1144764	43.37	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	303317	32.81	nq #	96
82) Chrysene	13.92	228	900302	36.87	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	894391	46.89	nq	100
84) Di-n-octyl phthalate	14.47	149	1408759	44.31	nq	97
85) Indeno(1,2,3-cd)pyrene	16.65	276	803309	39.30	nq #	94
87) Benzo(b)fluoranthene	14.91	252	1643602	85.61	nq	99
88) Benzo(k)fluoranthene	14.91	252	1643602	88.78	nq	98
89) Benzo(a)pyrene	15.24	252	776483	44.26	nq #	95
90) Dibenzo(a,h)anthracene	16.64	278	679400	46.81	nq #	94
91) Benzo(g,h,i)perylene	17.05	276	730632	49.04	nq #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093653.D

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BNA_M

ClientSampled :

PB97542BS

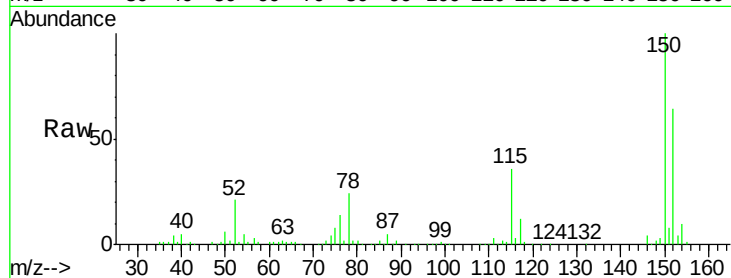
Tot Ion:152 Resp: 176901

Ion Ratio Lower Upper

152 100

150 156.2 124.9 187.3

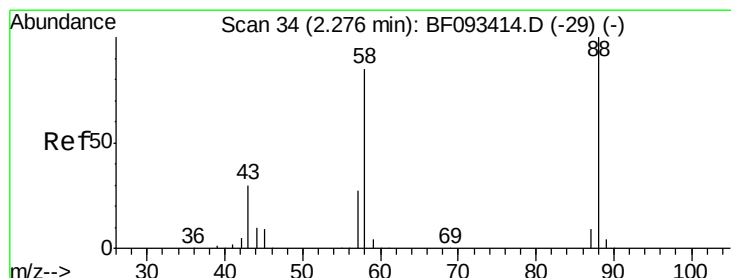
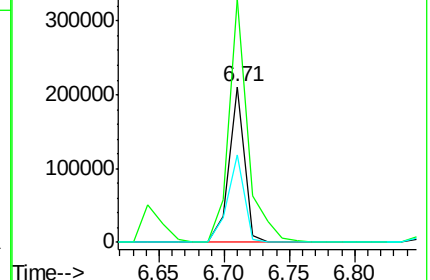
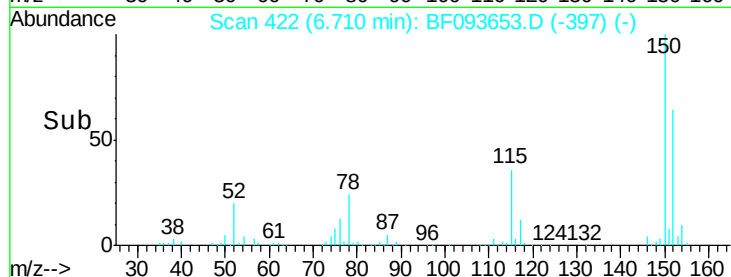
115 56.0 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.16 ng

RT: 2.22 min Scan# 29

Delta R.T. 0.03 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

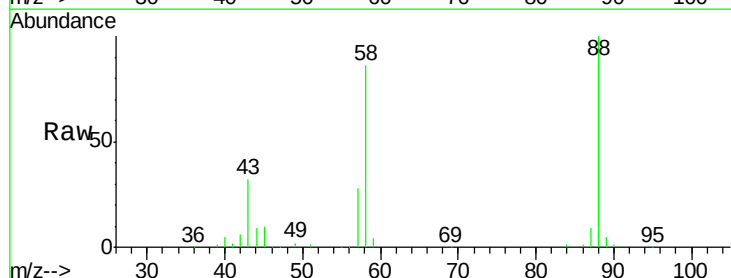
Tgt Ion: 88 Resp: 164880

Ion Ratio Lower Upper

88 100

58 92.8 57.8 86.8#

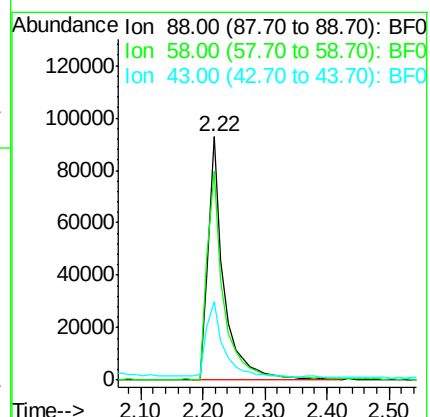
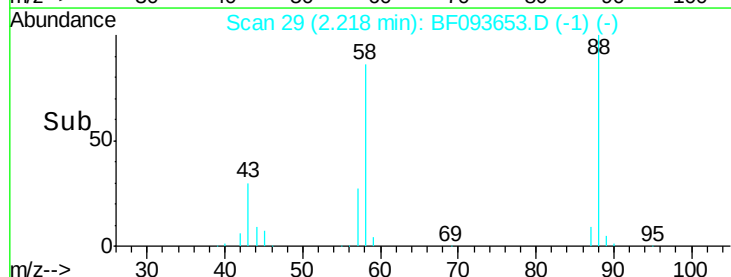
43 33.8 22.3 33.5#

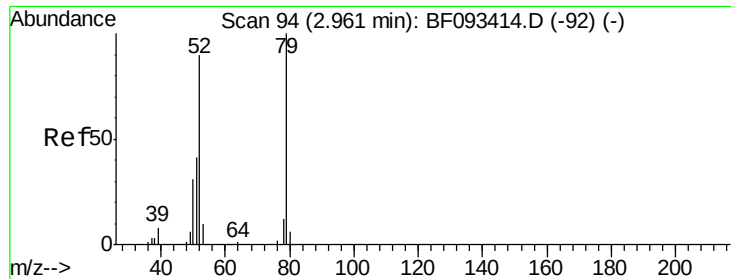


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.60 ng

RT: 2.89 min Scan# 88

Delta R.T. 0.03 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

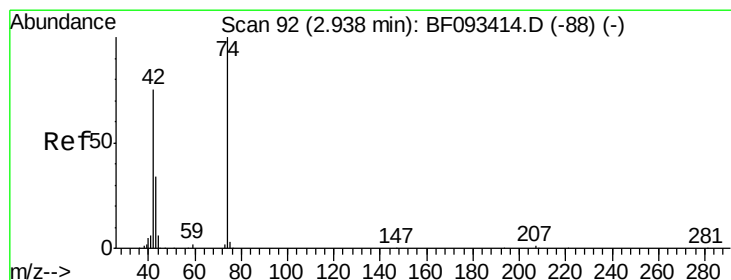
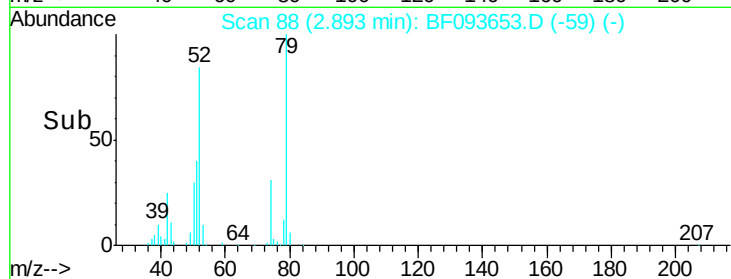
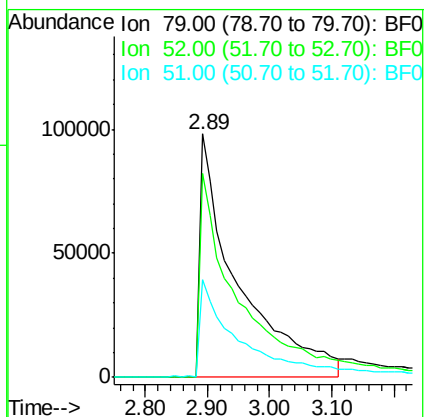
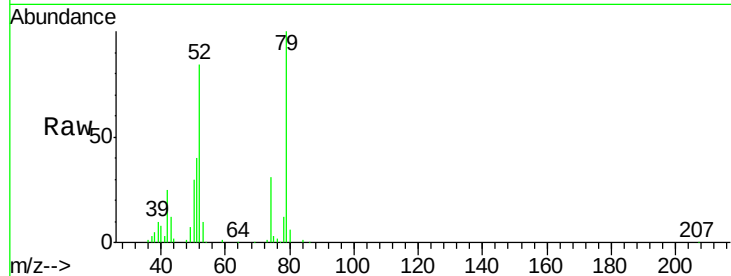
Tot Ion: 79 Resp: 411967

Ion Ratio Lower Upper

79 100

52 83.6 57.1 85.7

51 40.4 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 40.43 ng

RT: 2.86 min Scan# 85

Delta R.T. 0.02 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

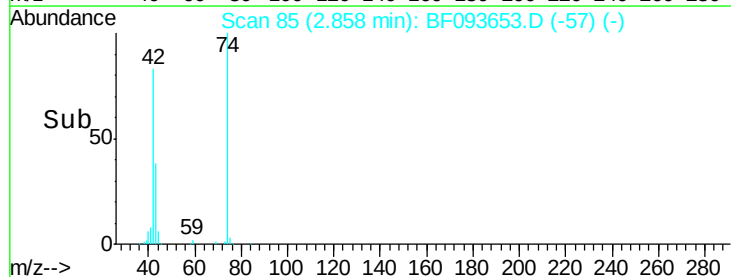
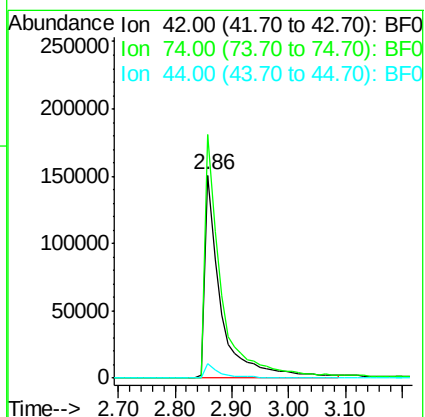
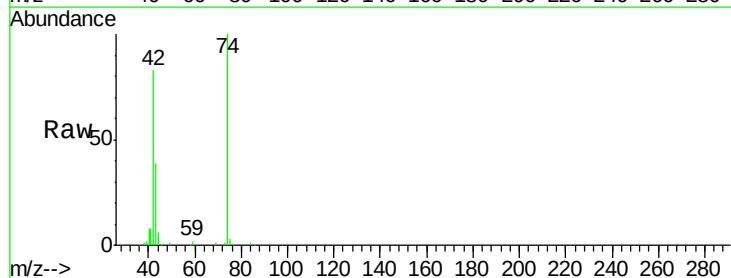
Tgt Ion: 42 Resp: 288228

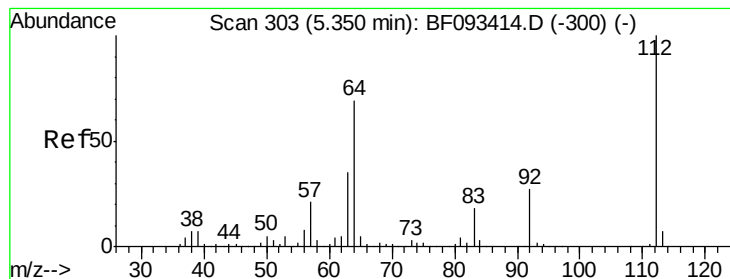
Ion Ratio Lower Upper

42 100

74 120.0 117.0 175.4

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 126.49 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

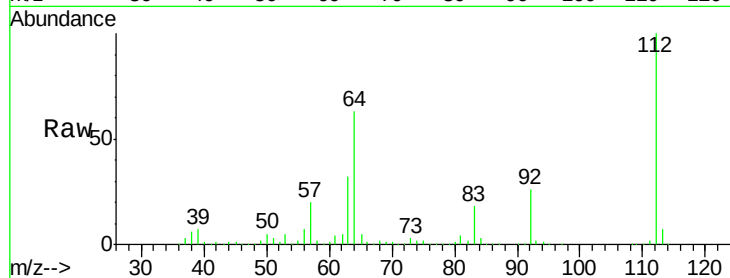
Tot Ion:112 Resp: 1344462

Ion Ratio Lower Upper

112 100

64 62.8 46.1 69.1

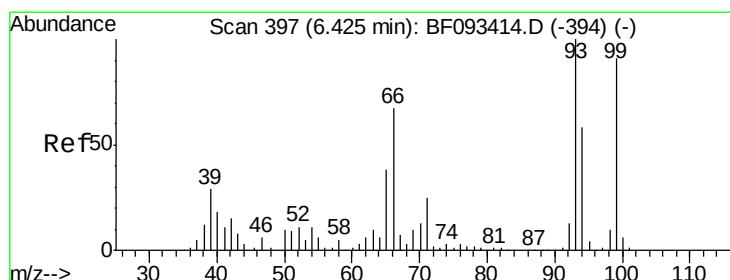
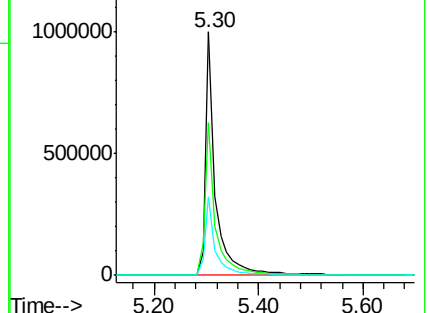
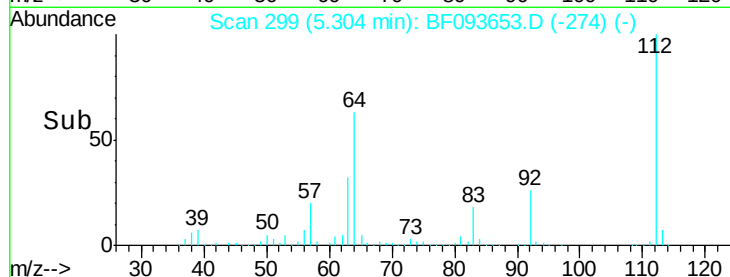
63 32.3 23.8 35.6



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: 30.16 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

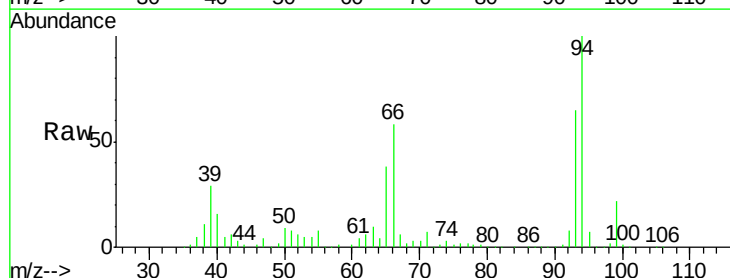
Tgt Ion: 93 Resp: 554748

Ion Ratio Lower Upper

93 100

66 90.3 76.2 114.2

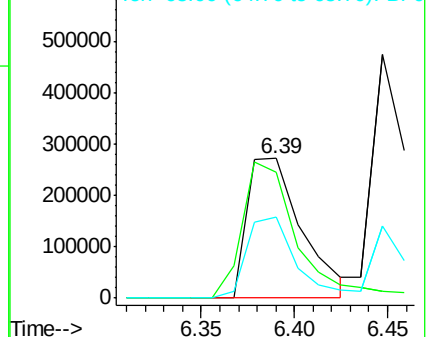
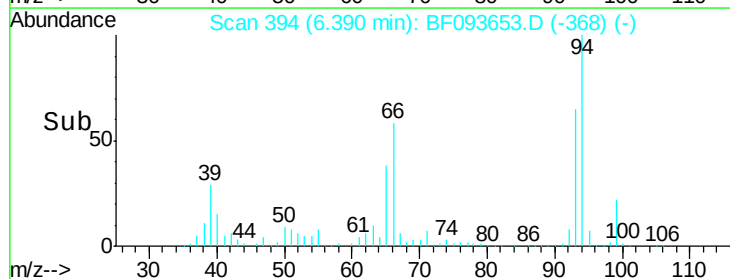
65 58.1 49.3 73.9

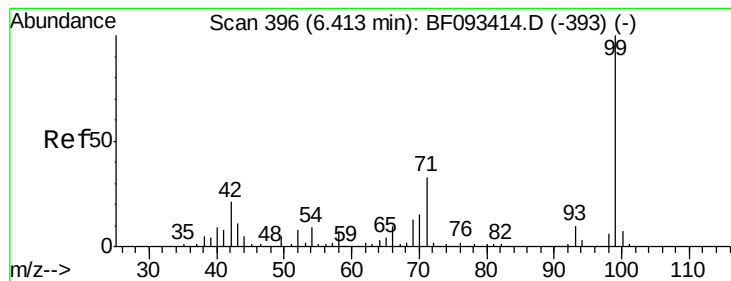


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.92 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

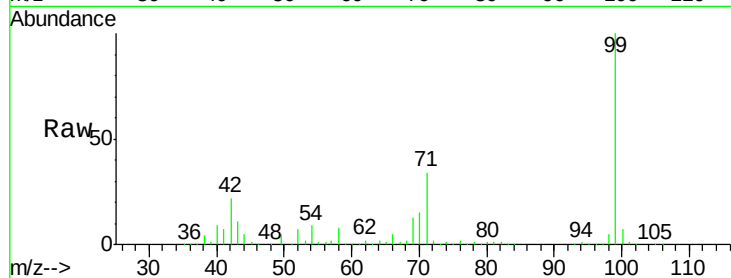
BNA_M

ClientSampleId :

PB97542BS

Tot Ion: 99 Resp: 1687806

Ion	Ratio	Lower	Upper
99	100		
42	22.1	15.6	23.4
71	34.0	27.5	41.3

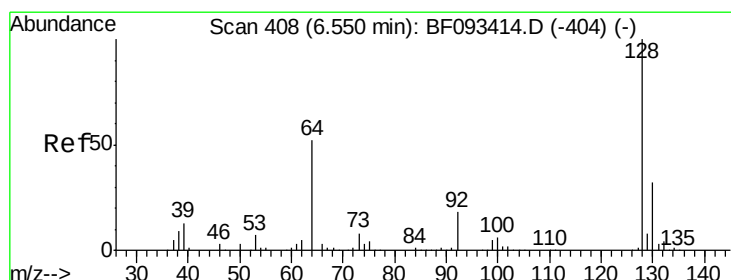
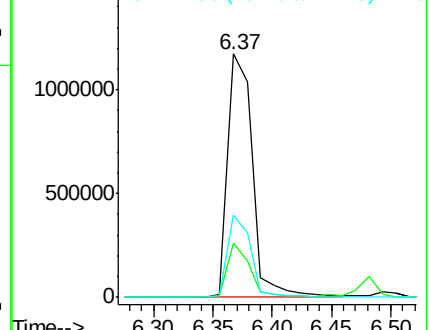
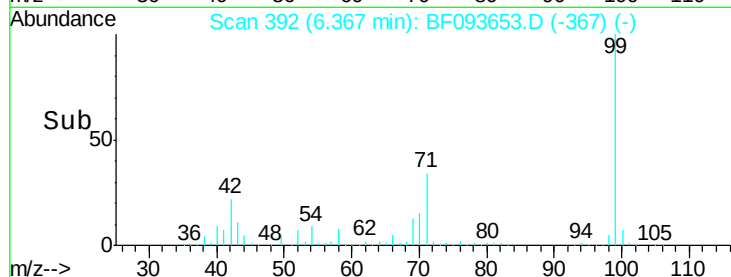


Abundance

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: 41.92 ng

RT: 6.50 min Scan# 404

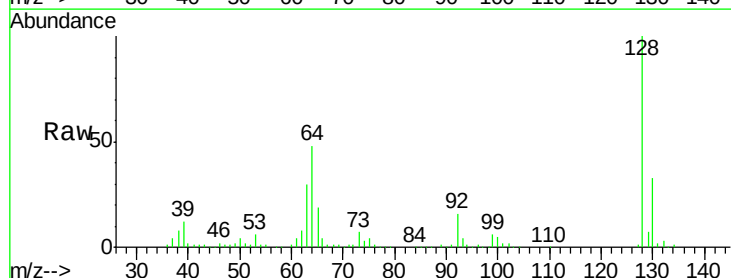
Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Tgt Ion: 128 Resp: 499258

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.3	52.3
64	47.9	32.2	72.2

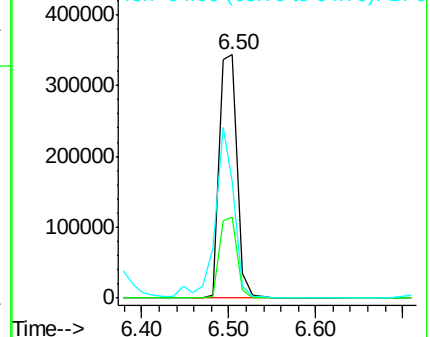
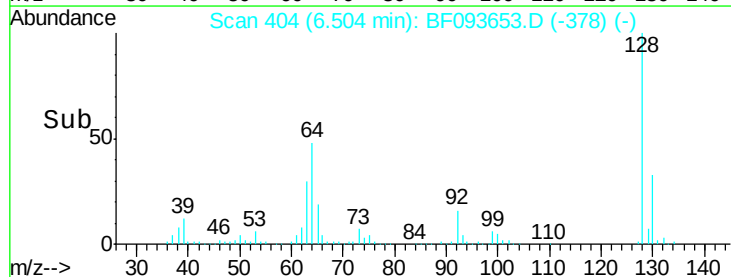


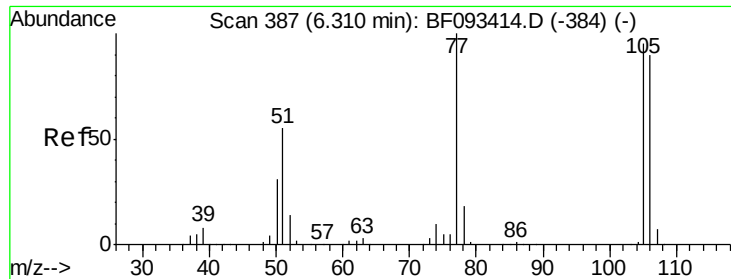
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

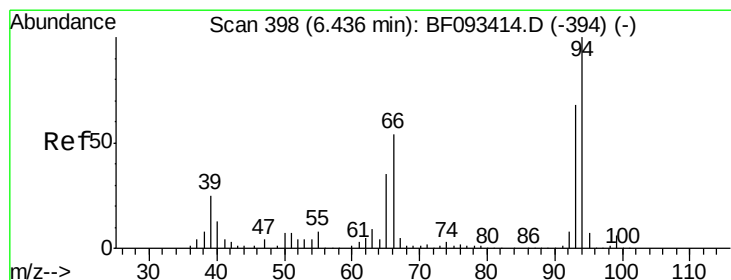
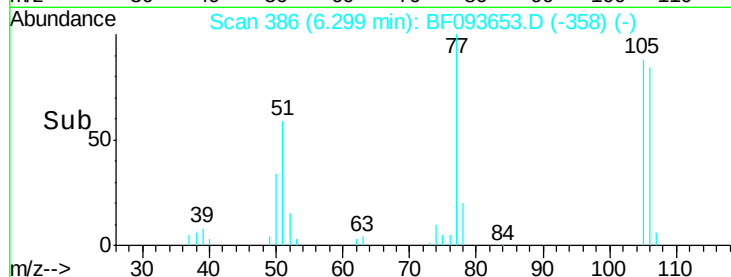
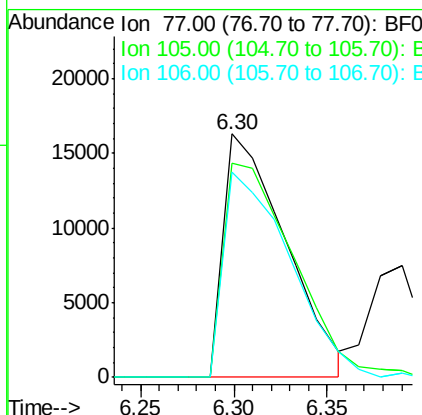
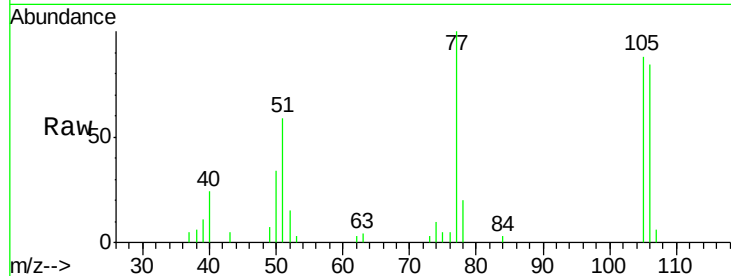




#9
Benzaldehyde
Concen: 3.00 ng
RT: 6.30 min Scan# 386
Delta R.T. 0.02 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

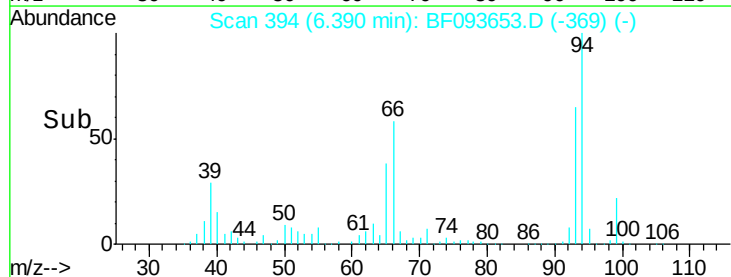
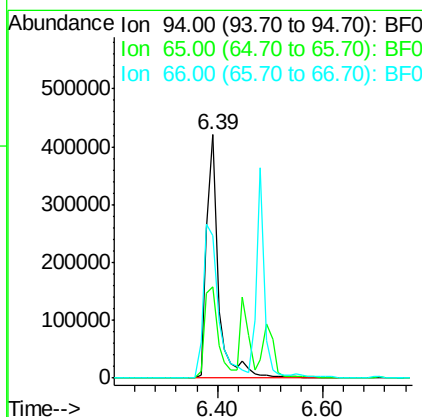
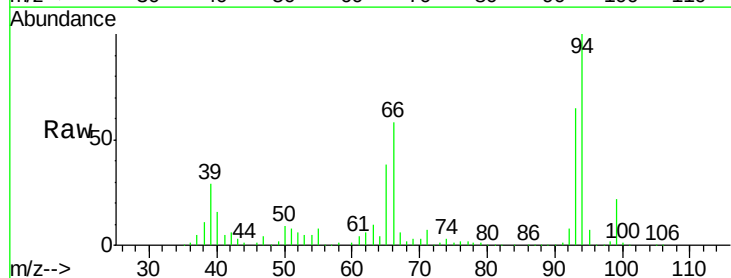
Instrument :
BNA_M
ClientSampleId :
PB97542BS

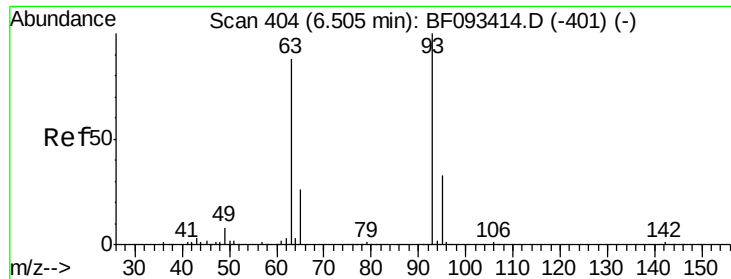
Tot Ion: 77 Resp: 37931
Ion Ratio Lower Upper
77 100
105 88.1 83.9 123.9
106 84.4 77.6 117.6



#10
Phenol
Concen: 40.81 ng
RT: 6.39 min Scan# 394
Delta R.T. -0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Tgt Ion: 94 Resp: 670313
Ion Ratio Lower Upper
94 100
65 37.5 21.4 61.4
66 58.3 44.0 84.0

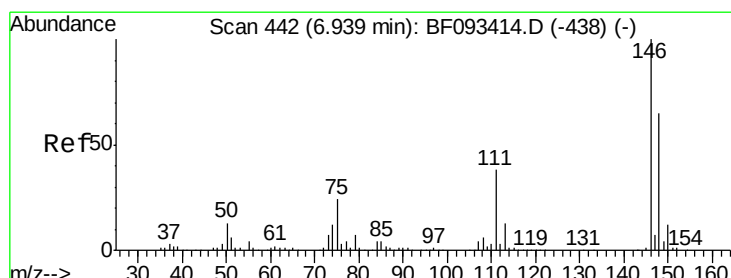
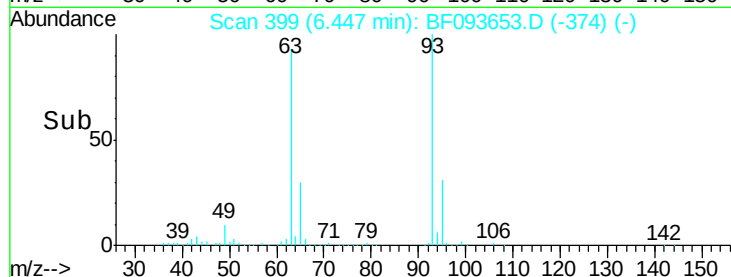
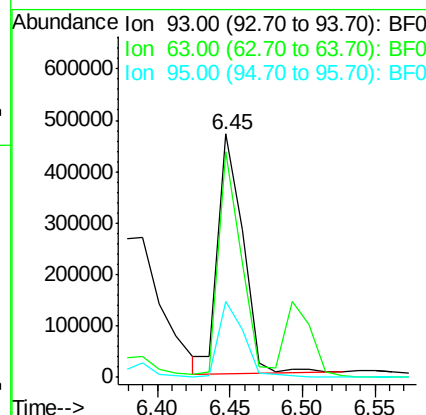
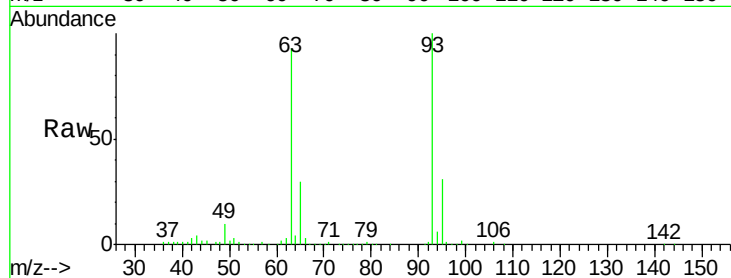




#11
bis(2-Chloroethyl)ether
Concen: 42.66 ng
RT: 6.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

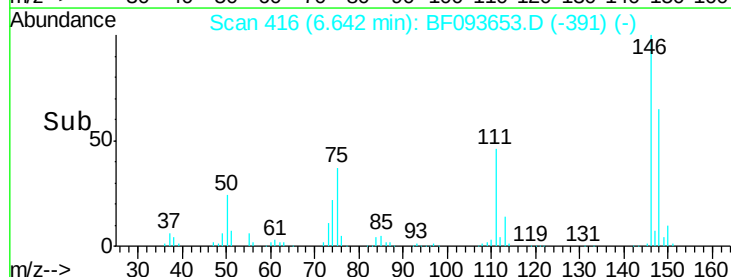
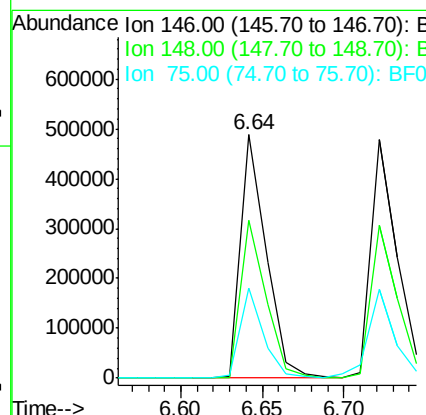
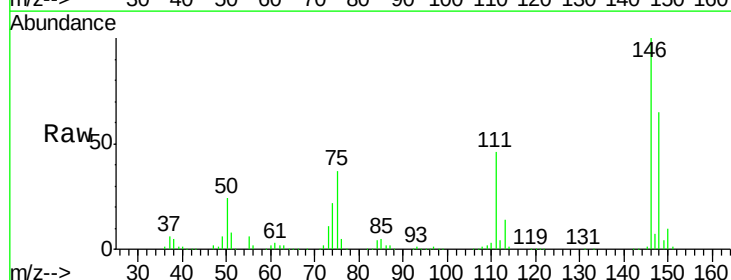
Instrument :
BNA_M
ClientSampleId :
PB97542BS

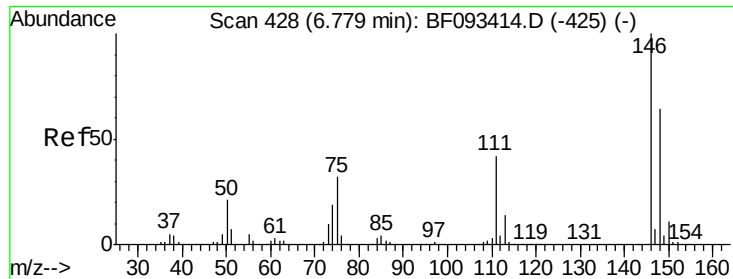
Tot Ion: 93 Resp: 566258
Ion Ratio Lower Upper
93 100
63 92.8 60.4 100.4
95 31.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.59 ng
RT: 6.64 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Tgt Ion: 146 Resp: 526069
Ion Ratio Lower Upper
146 100
148 64.7 53.4 80.0
75 36.9 18.5 27.7#

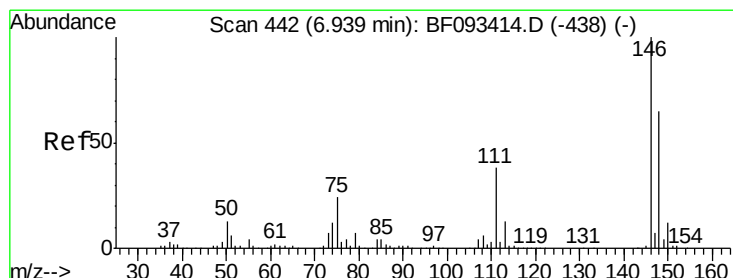
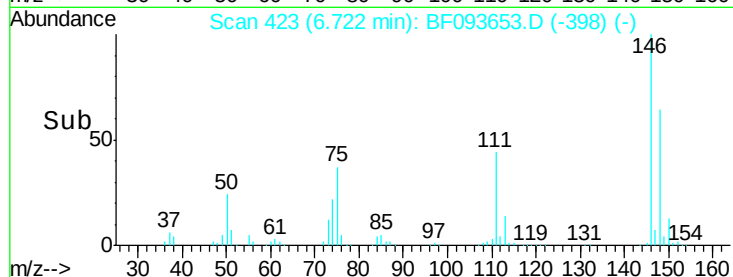
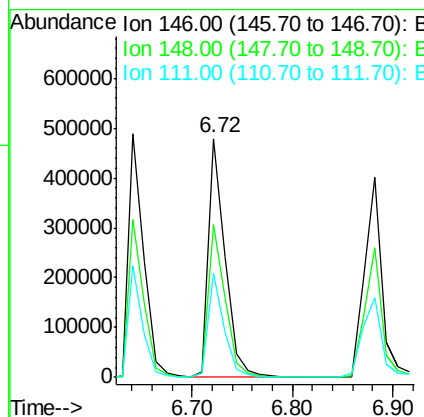
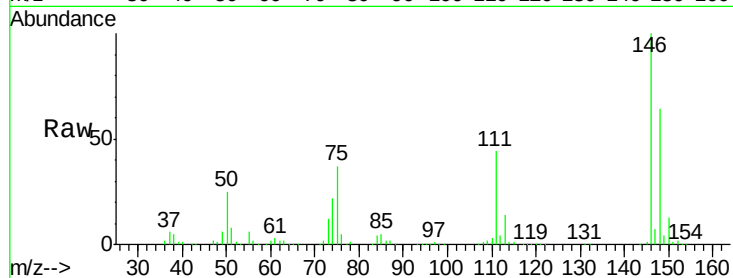




#13
 1,4-Dichlorobenzene
 Concen: 39.49 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093653.D
 Acq: 14 Mar 2017 12:40

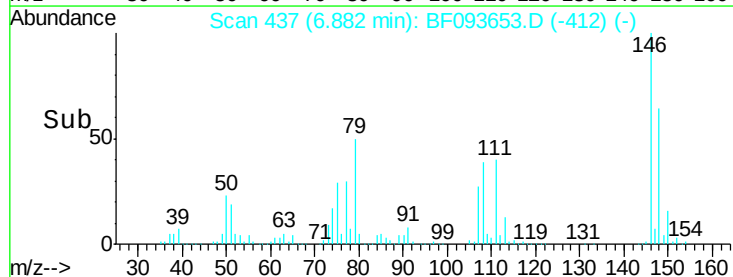
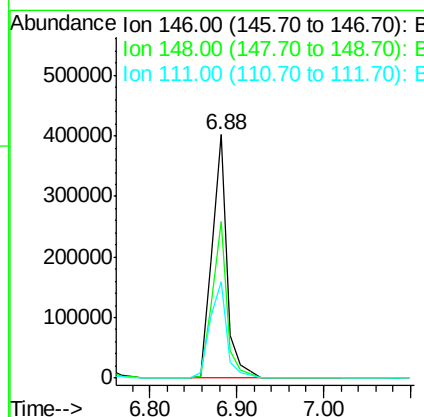
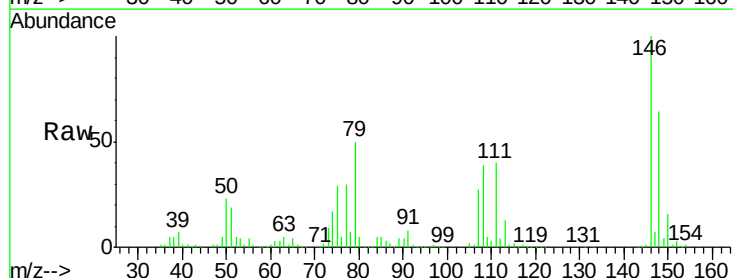
Instrument :
 BNA_M
 ClientSampleID :
 PB97542BS

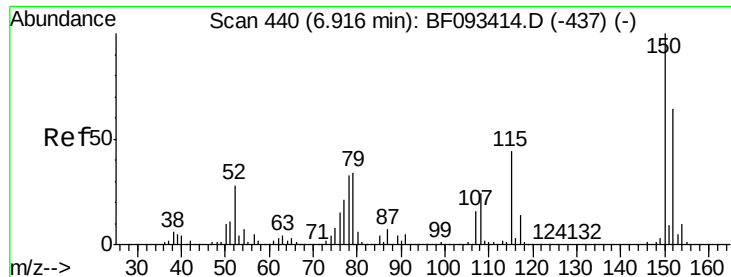
Tot Ion:146 Resp: 551113
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.6 76.0
 111 43.7 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 39.05 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093653.D
 Acq: 14 Mar 2017 12:40

Tgt Ion:146 Resp: 482667
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 39.8 36.2 54.2

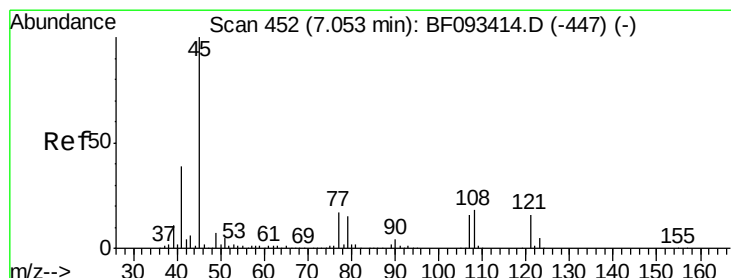
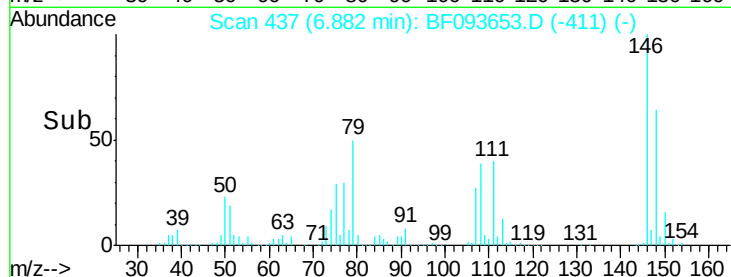
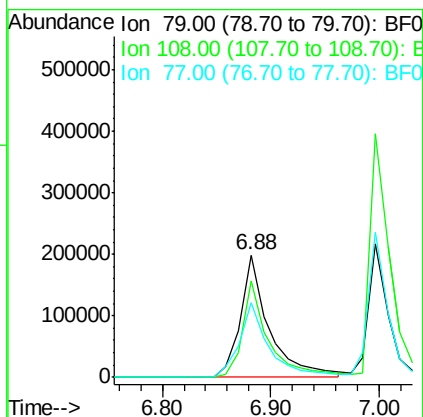
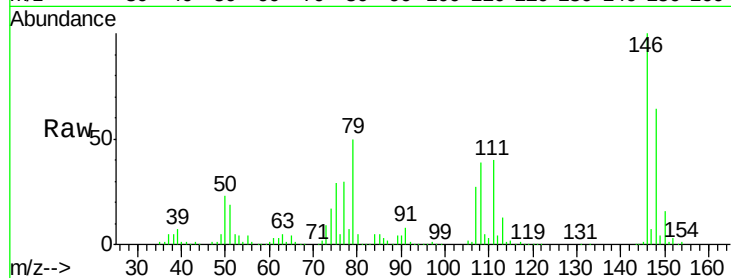




#15
Benzyl Alcohol
Concen: 37.97 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

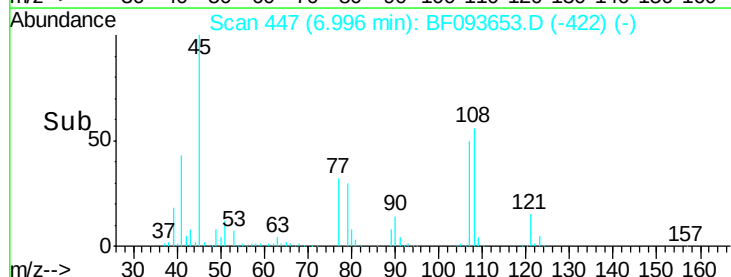
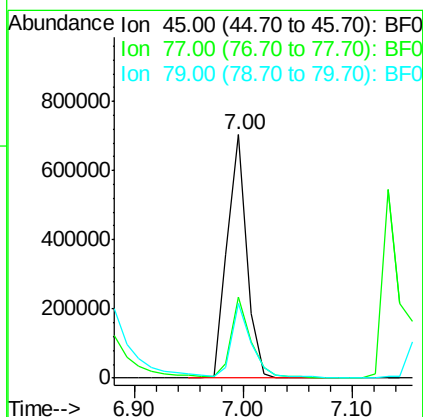
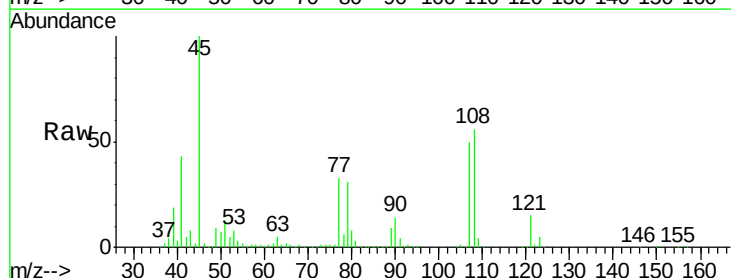
Instrument :
BNA_M
ClientSampleID :
PB97542BS

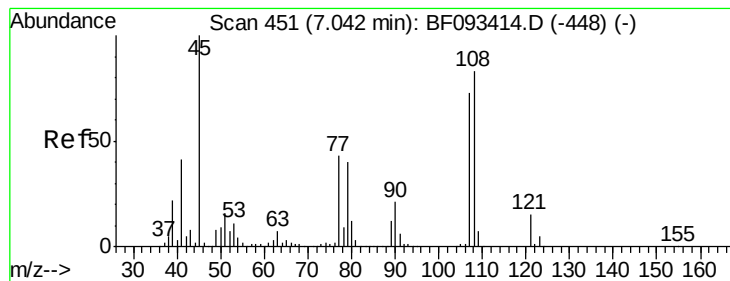
Tot Ion: 79 Resp: 362819
Ion Ratio Lower Upper
79 100
108 79.0 61.4 92.0
77 61.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.49 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Tgt Ion: 45 Resp: 870908
Ion Ratio Lower Upper
45 100
77 33.4 0.0 34.6
79 30.8 0.0 31.2

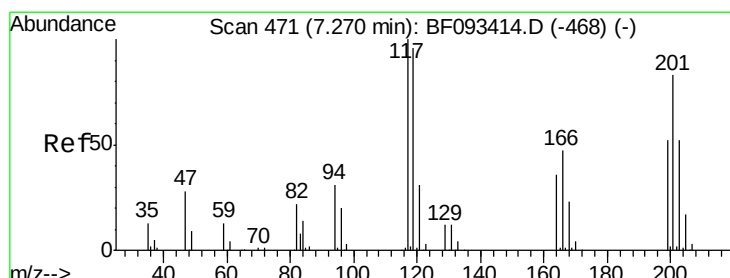
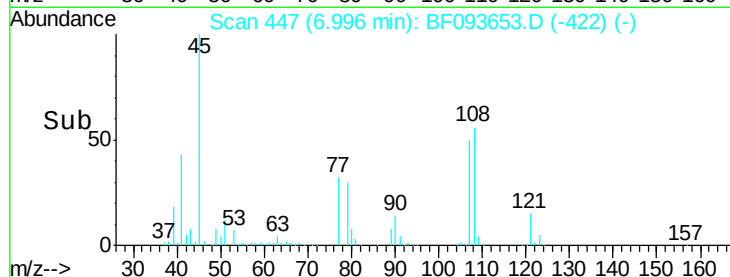
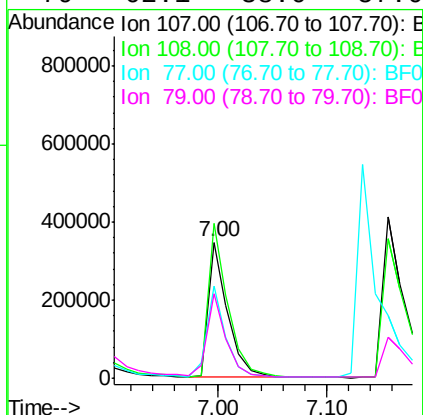
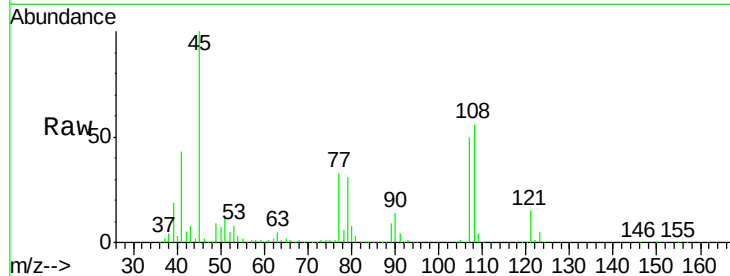




#17
2-Methylphenol
Concen: 42.76 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

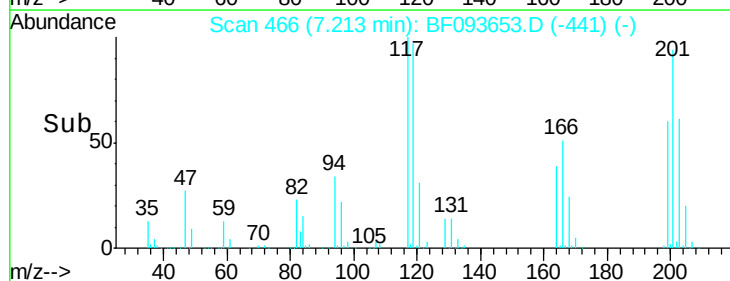
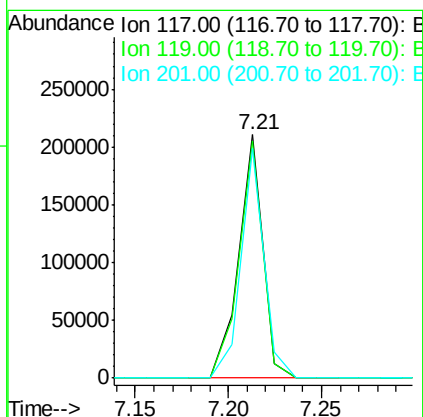
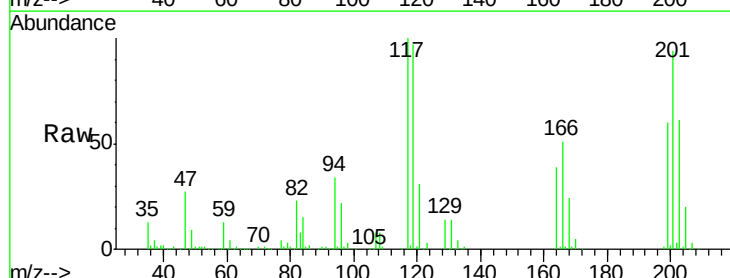
Instrument :
BNA_M
ClientSampleId :
PB97542BS

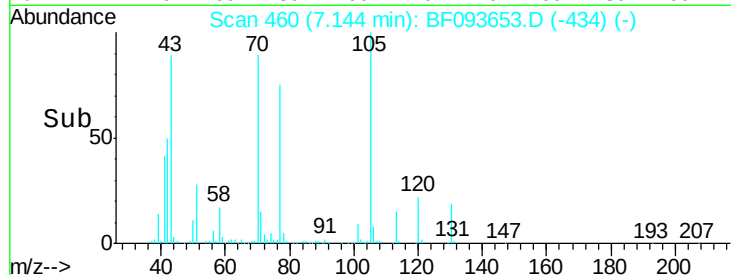
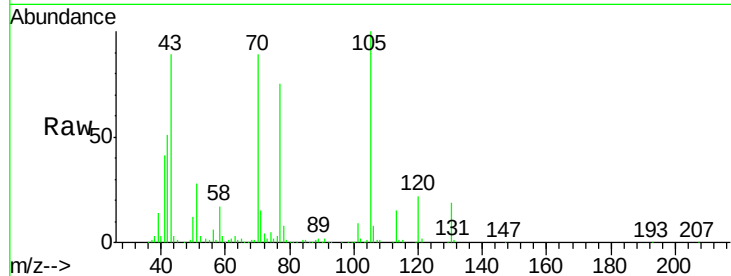
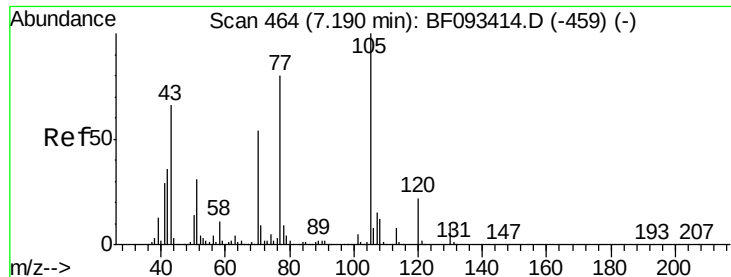
Tot Ion:107 Resp: 430673
Ion Ratio Lower Upper
107 100
108 113.5 93.0 139.6
77 67.5 39.8 59.8#
79 62.1 38.0 57.0#



#18
Hexachloroethane
Concen: 40.60 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Tgt Ion:117 Resp: 191076
Ion Ratio Lower Upper
117 100
119 97.4 78.1 117.1
201 94.3 78.6 117.8

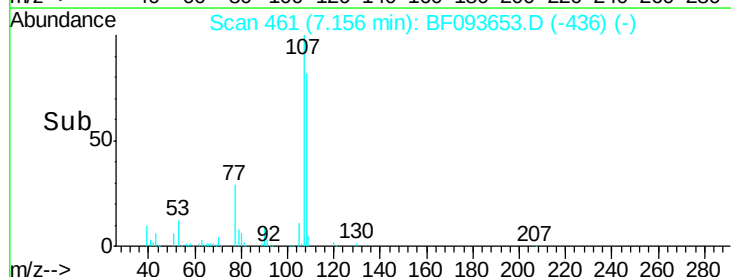
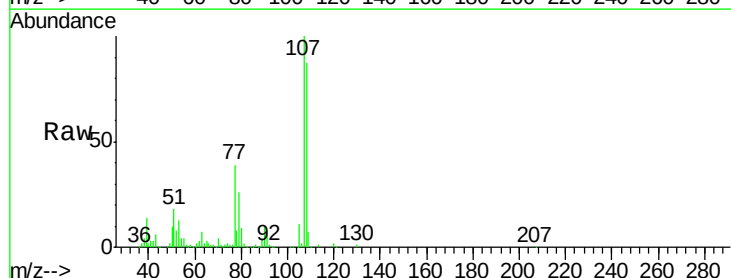
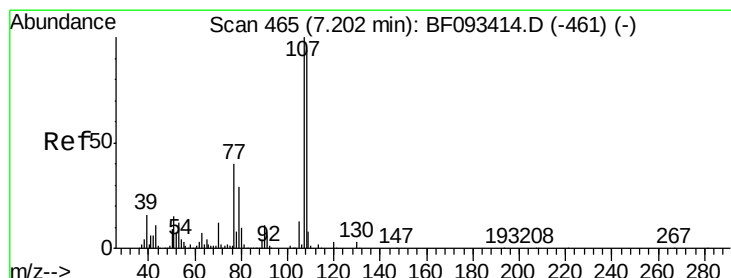
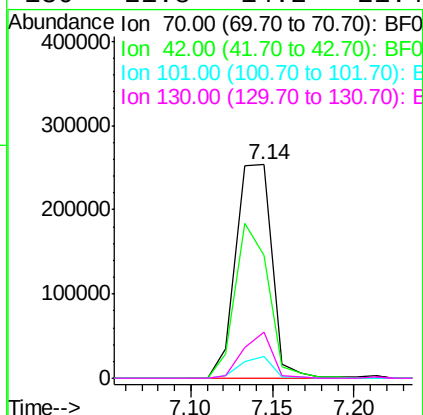




#19
n-Nitroso-di-n-propylamine
Concen: 42.13 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

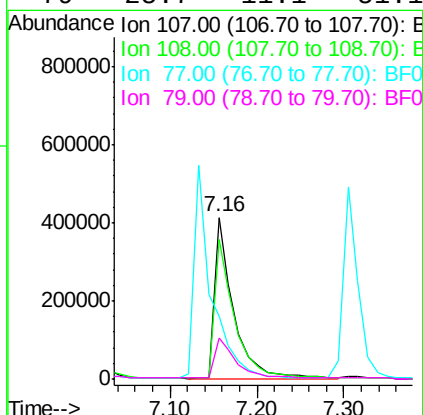
Instrument :
BNA_M
ClientSampleId :
PB97542BS

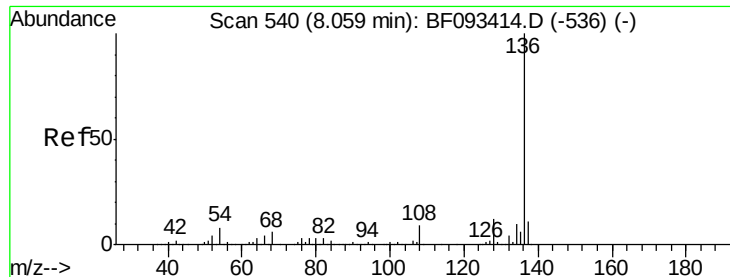
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.4	49.4	74.0
101	10.5	7.4	11.2
130	21.8	14.2	21.4#



#20
3+4-Methylphenols
Concen: 47.96 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	73.0	113.0
77	39.2	71.3	111.3#
79	25.7	11.1	51.1

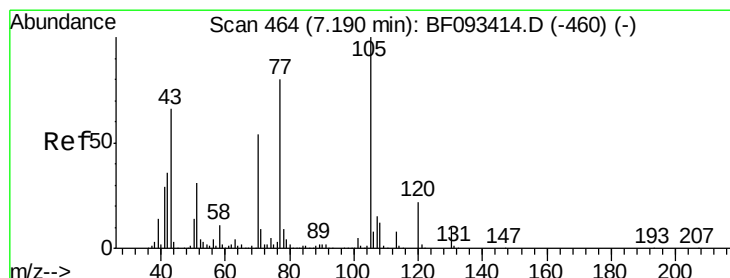
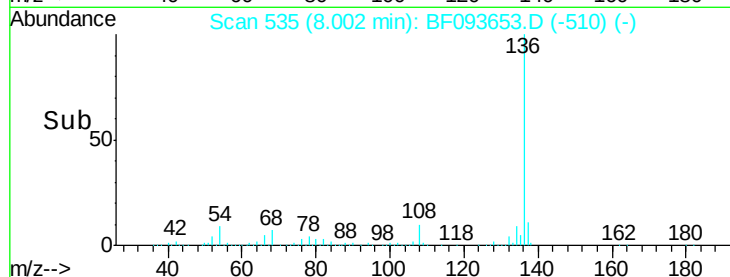
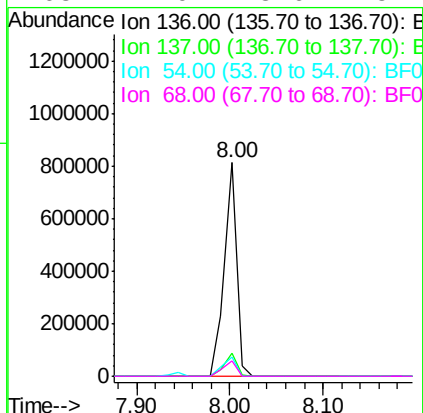
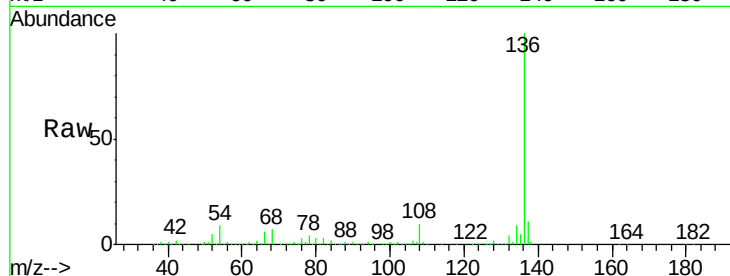




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

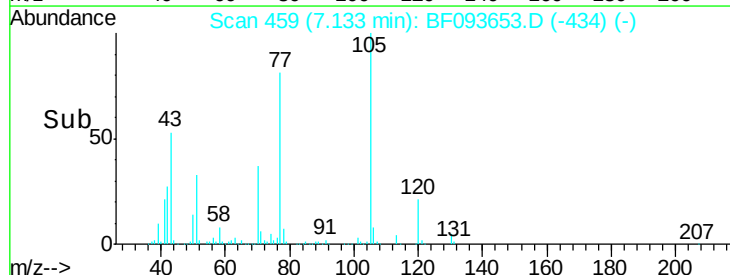
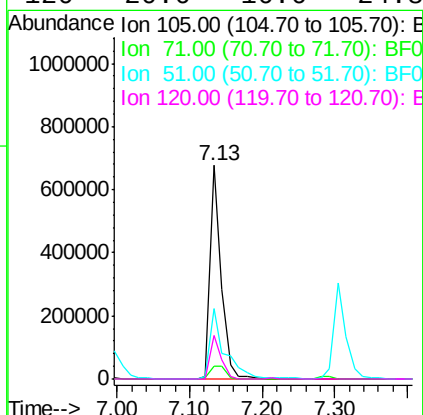
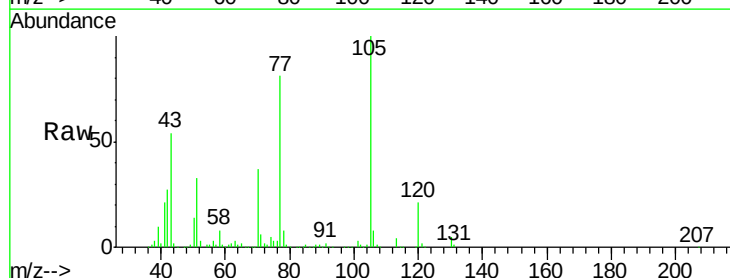
Instrument :
BNA_M
ClientSampleId :
PB97542BS

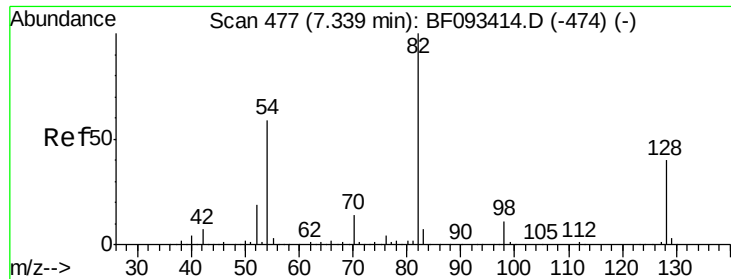
Tot Ion:136	Resp:	747119
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.4 12.6
54	9.1	4.5 6.7#
68	7.0	3.6 5.4#



#22
Acetophenone
Concen: 39.84 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Tgt Ion:105	Resp:	716364
Ion Ratio	Lower	Upper
105	100	
71	6.2	3.2 4.8#
51	32.7	26.2 39.4
120	20.6	16.6 24.8

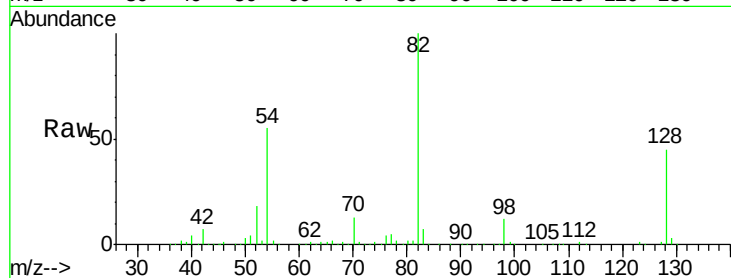




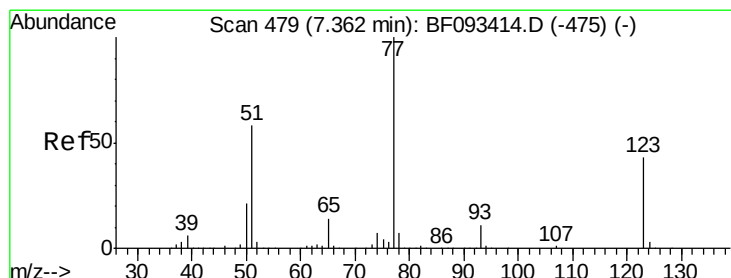
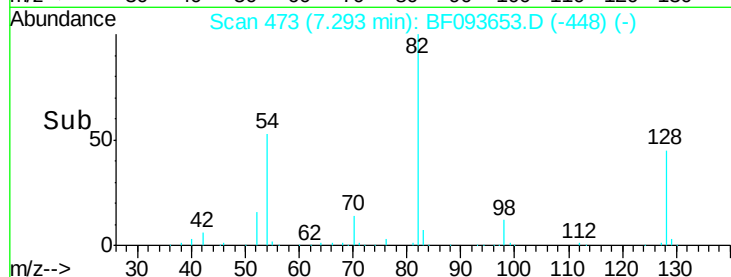
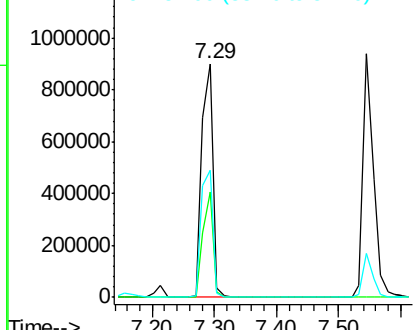
#23
Nitrobenzene-d5
Concen: 84.58 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Instrument :
BNA_M
ClientSampleId :
PB97542BS

Tot Ion: 82 Resp: 1138956
Ion Ratio Lower Upper
82 100
128 45.2 34.6 52.0
54 54.6 39.5 59.3

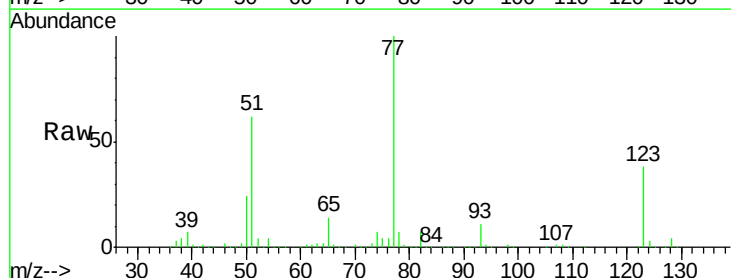


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

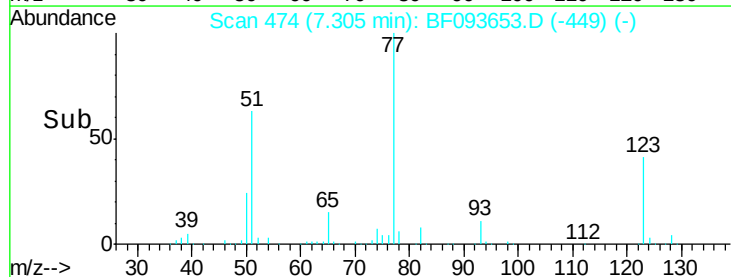
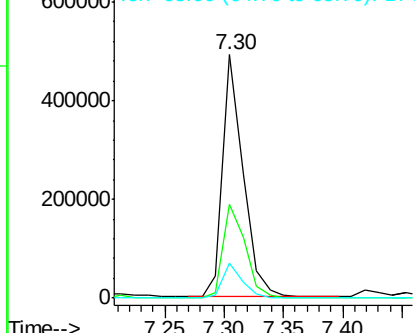


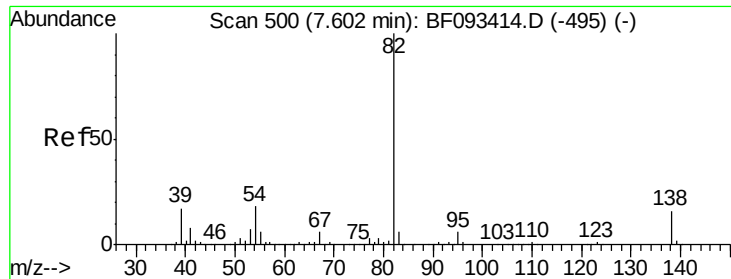
#24
Nitrobenzene
Concen: 38.89 ng
RT: 7.30 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Tgt Ion: 77 Resp: 588571
Ion Ratio Lower Upper
77 100
123 38.4 33.0 49.4
65 14.4 11.2 16.8



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





#25

Isophorone

Concen: 39.50 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

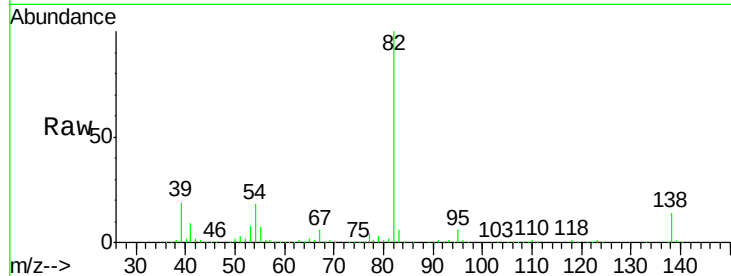
Tot Ion: 82 Resp: 1072477

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

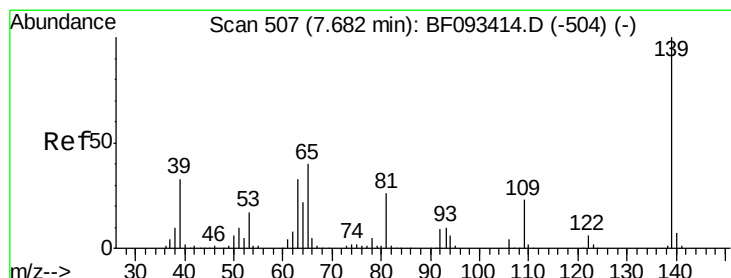
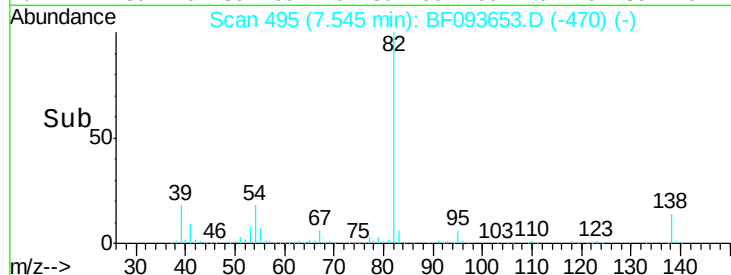
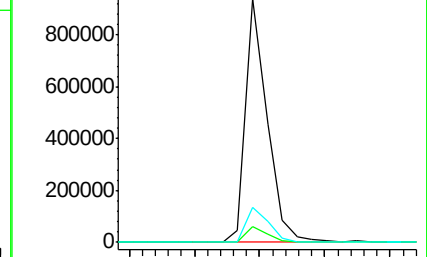
138 14.4 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.18 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

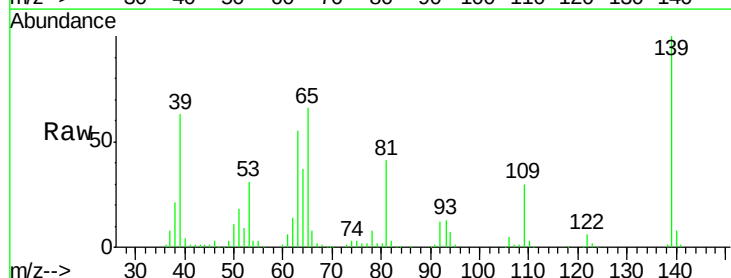
Tgt Ion: 139 Resp: 284312

Ion Ratio Lower Upper

139 100

109 30.3 23.3 34.9

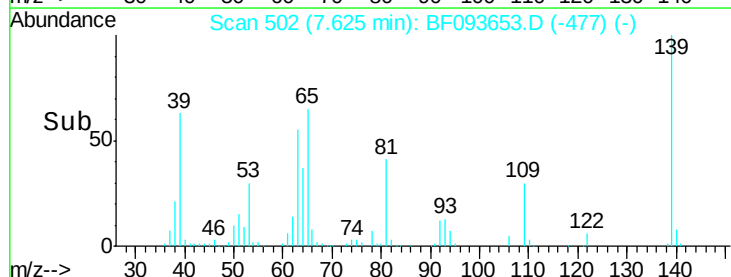
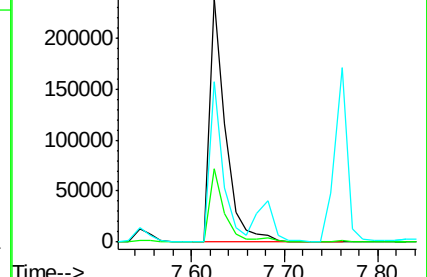
65 65.9 42.7 64.1#

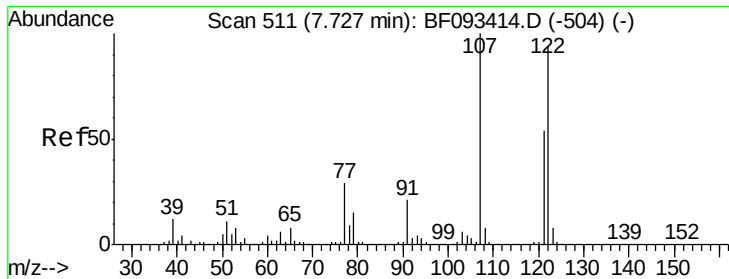


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.47 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

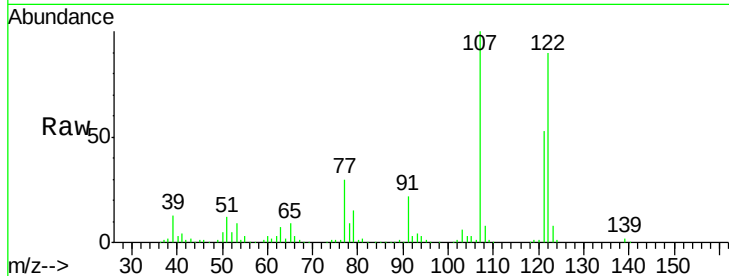
Tot Ion:122 Resp: 420821

Ion Ratio Lower Upper

122 100

107 111.1 94.1 141.1

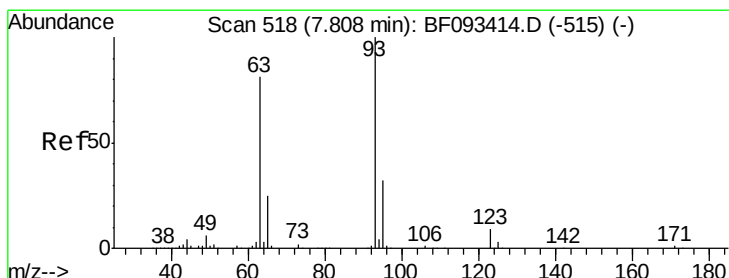
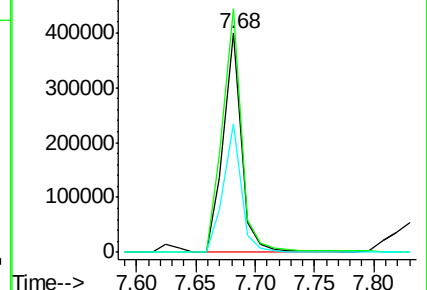
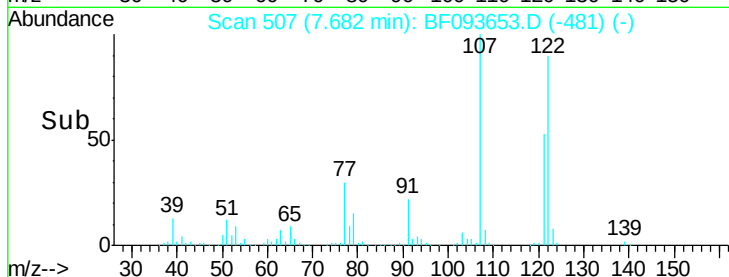
121 58.9 46.0 69.0



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: 41.36 ng

RT: 7.76 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

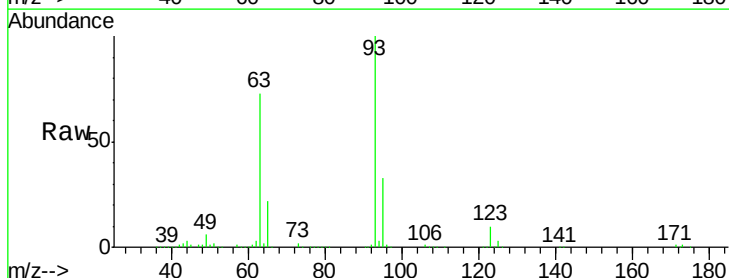
Tgt Ion: 93 Resp: 709013

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

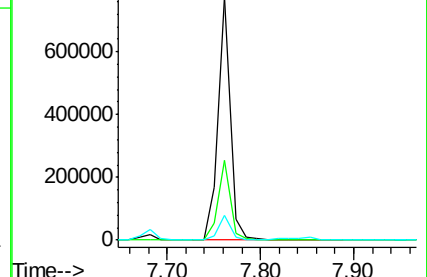
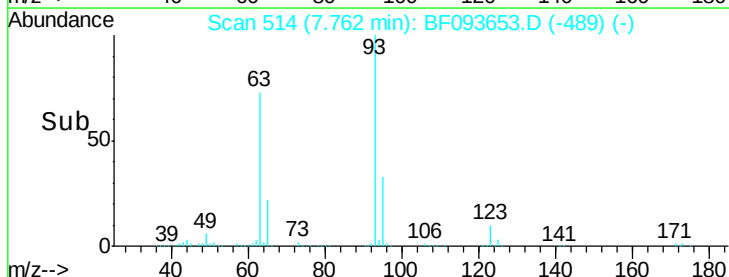
123 9.9 8.6 13.0

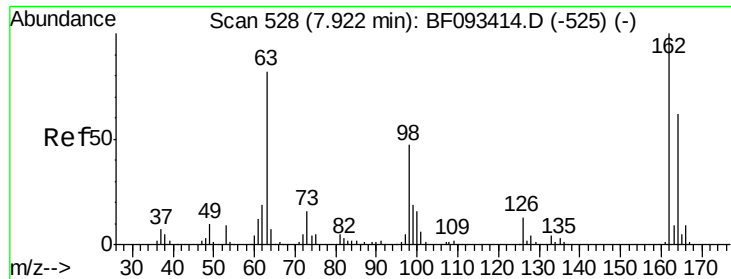


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

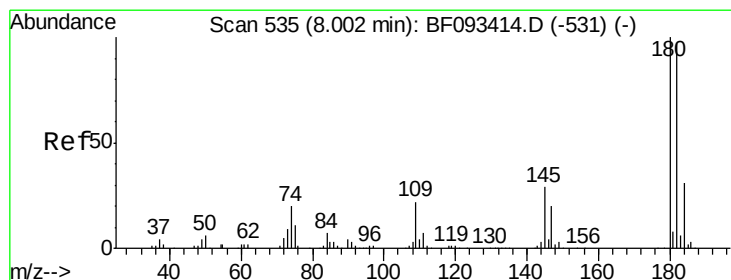
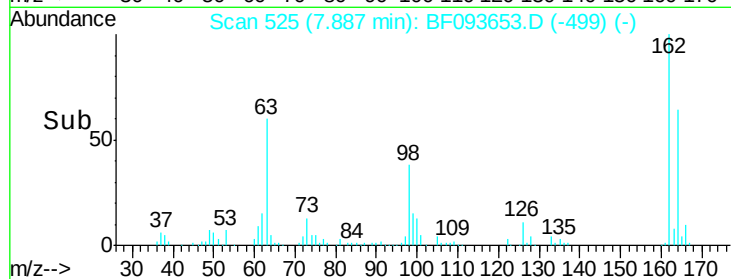
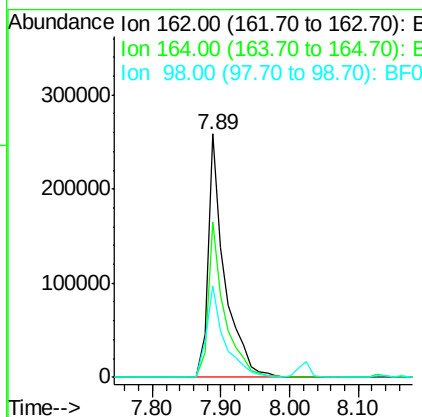
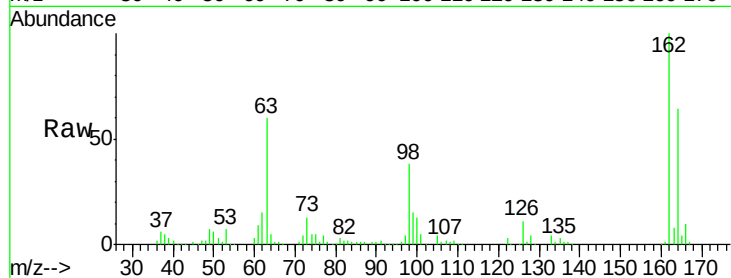




#29
 2,4-Dichlorophenol
 Concen: 41.05 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093653.D
 Acq: 14 Mar 2017 12:40

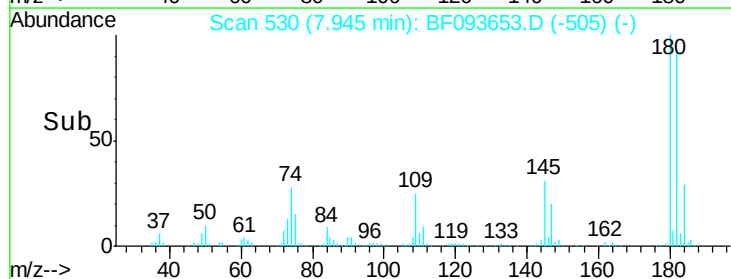
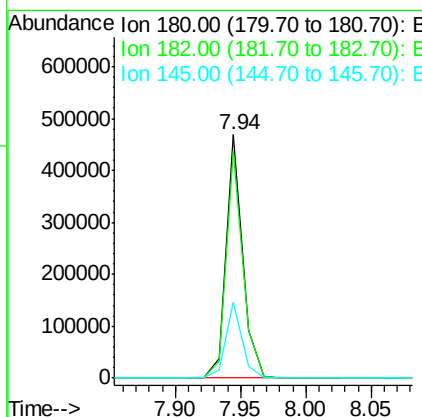
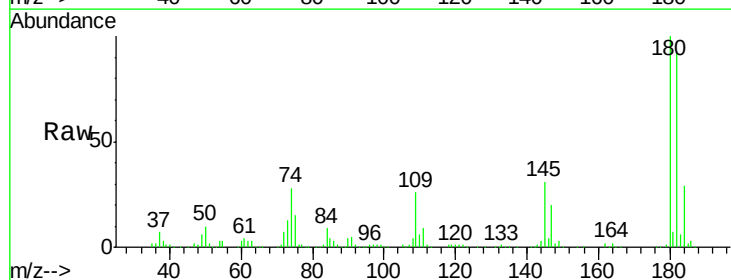
Instrument :
 BNA_M
 ClientSampleId :
 PB97542BS

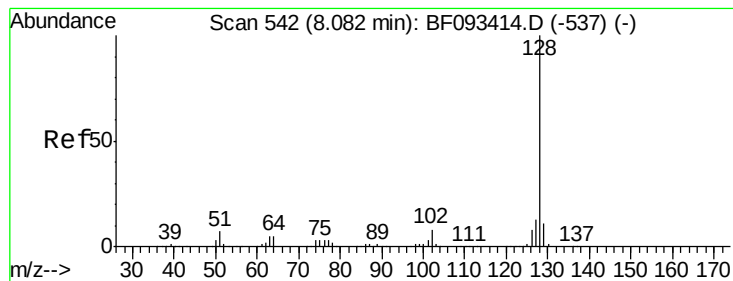
Tot Ion:162 Resp: 433793
 Ion Ratio Lower Upper
 162 100
 164 64.0 46.8 86.8
 98 37.7 9.1 49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.89 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093653.D
 Acq: 14 Mar 2017 12:40

Tgt Ion:180 Resp: 414532
 Ion Ratio Lower Upper
 180 100
 182 93.3 78.2 117.4
 145 31.4 21.6 32.4





#31

Naphthalene

Concen: 37.34 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

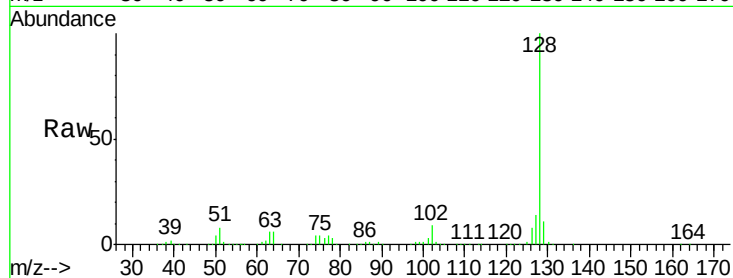
Tot Ion:128 Resp: 1397984

Ion Ratio Lower Upper

128 100

129 10.9 9.5 14.3

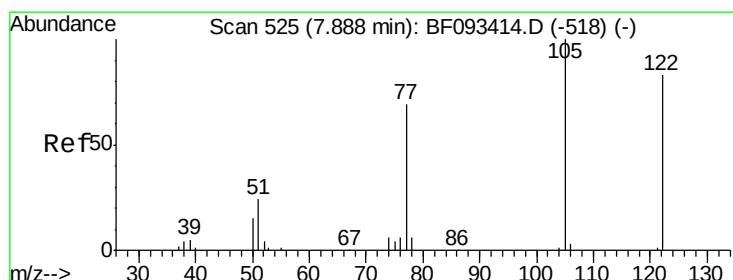
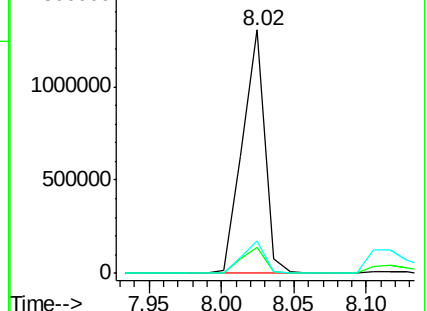
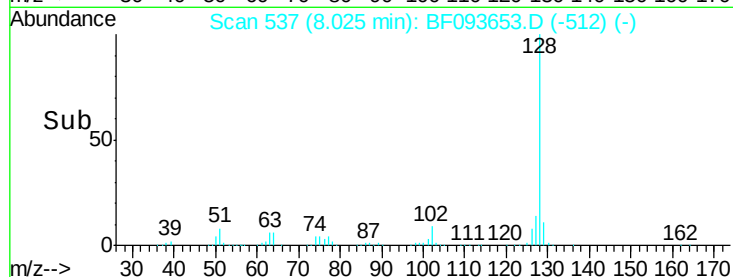
127 13.5 10.8 16.2



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: 41.87 ng

RT: 7.85 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

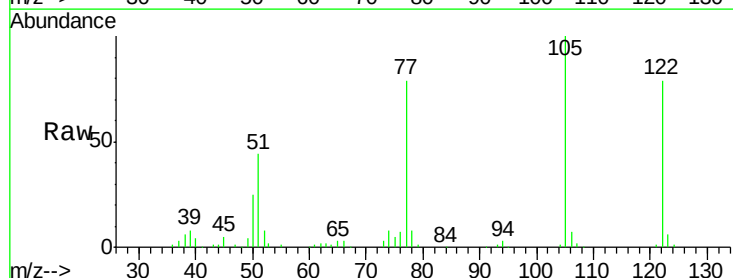
Tgt Ion:122 Resp: 244412

Ion Ratio Lower Upper

122 100

105 126.7 107.2 147.2

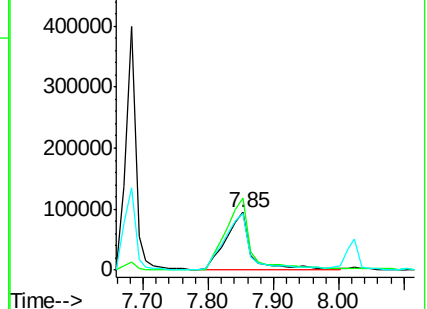
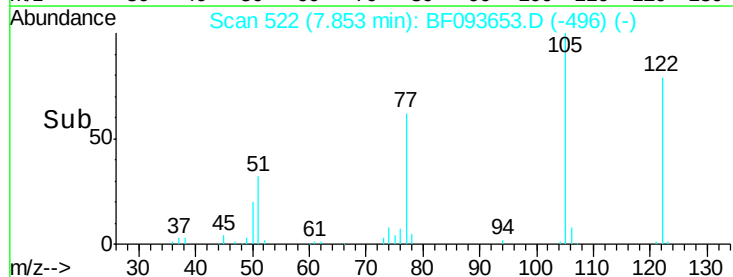
77 99.9 74.5 114.5

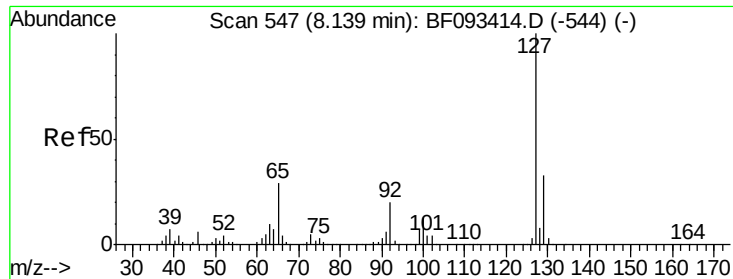


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

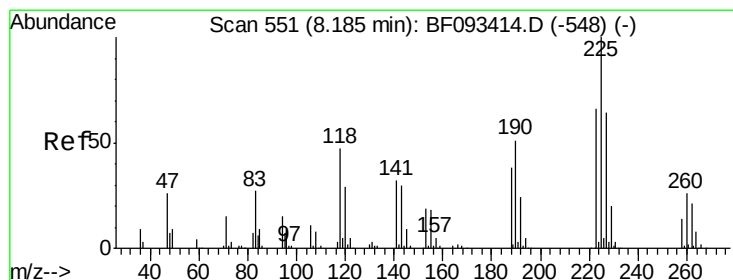
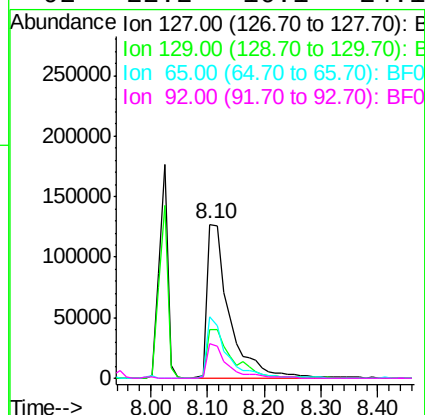
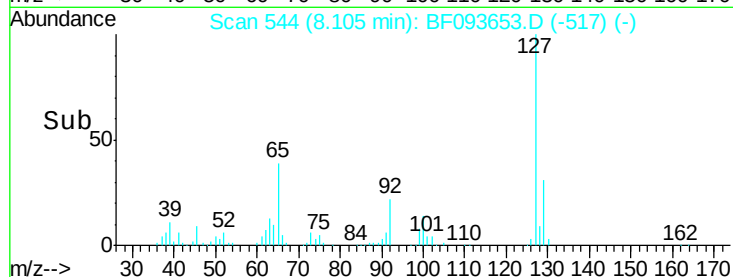
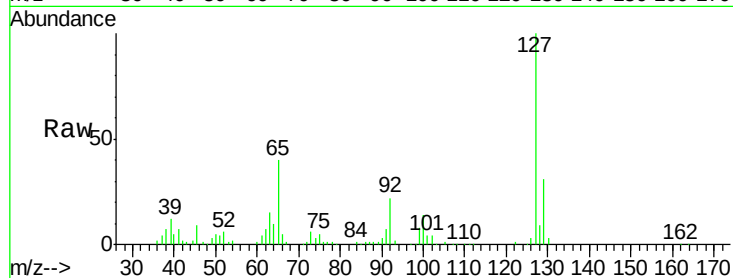




#33
4-Chloroaniline
Concen: 21.88 ng
RT: 8.10 min Scan# 544
Delta R.T. 0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

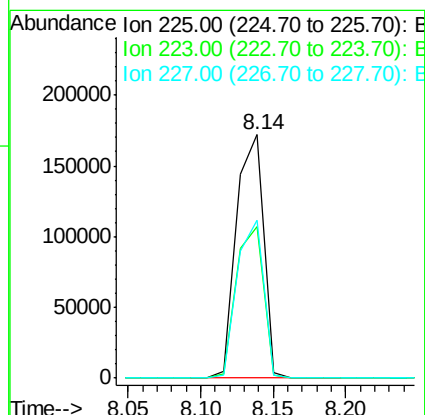
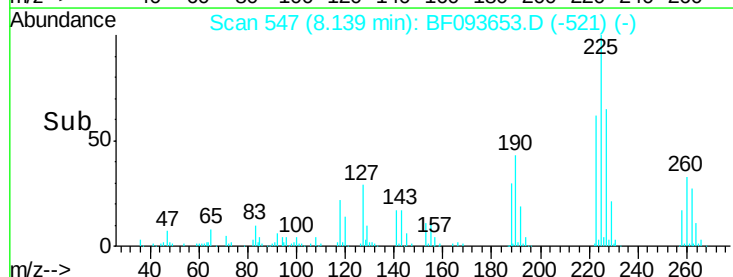
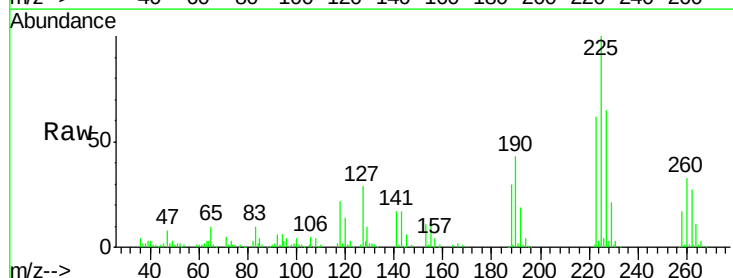
Instrument :
BNA_M
ClientSampleId :
PB97542BS

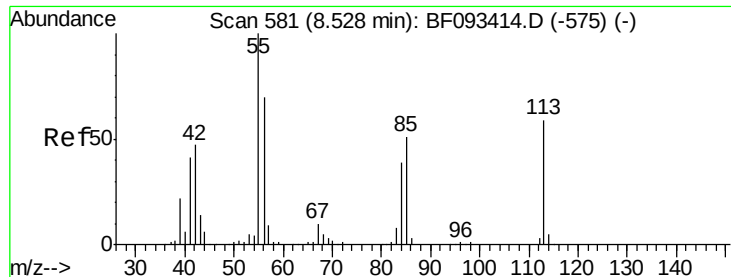
Tot Ion:	127	Resp:	332404
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.3	39.5
65	39.9	25.8	38.8#
92	22.2	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.56 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Tgt Ion:	225	Resp:	223193
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	64.7	50.6	76.0

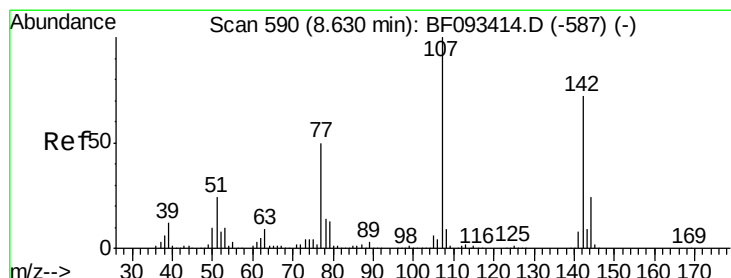
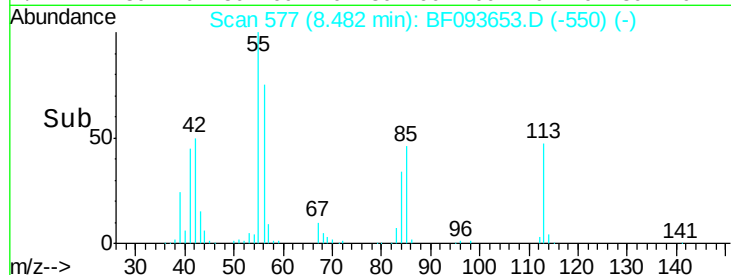
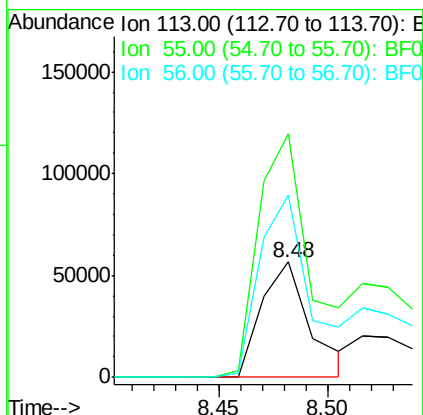
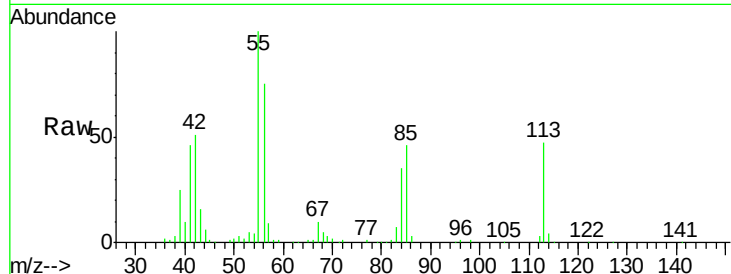




#35
 Caprolactam
 Concen: 24.47 ng
 RT: 8.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF093653.D
 Acq: 14 Mar 2017 12:40

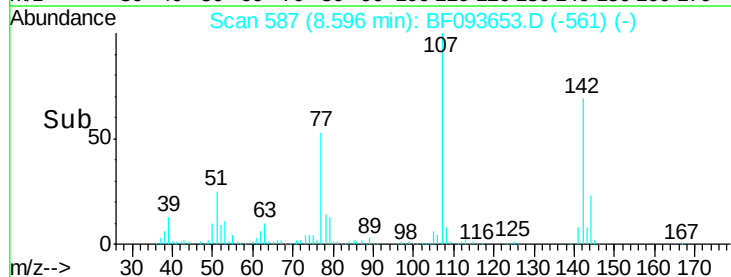
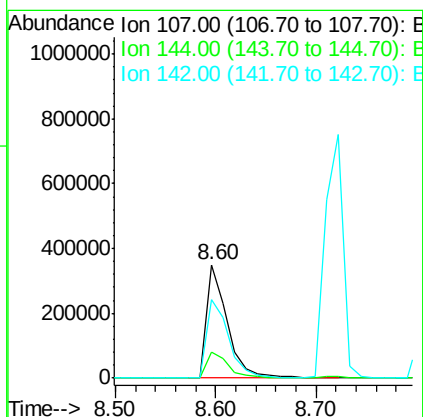
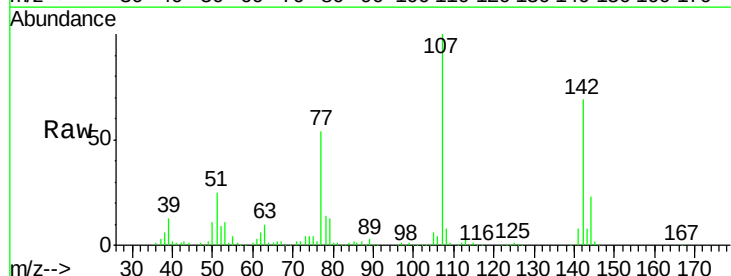
Instrument :
 BNA_M
 ClientSampleId :
 PB97542BS

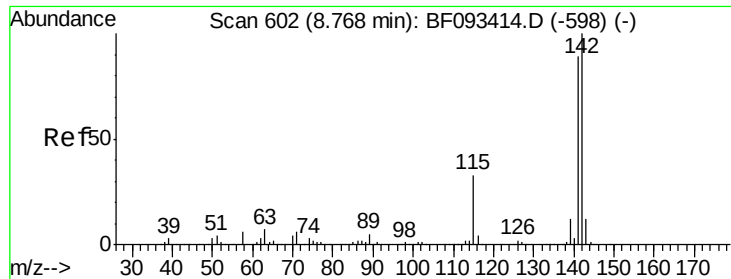
Tot Ion:113 Resp: 88315
 Ion Ratio Lower Upper
 113 100
 55 211.1 119.2 159.2#
 56 157.8 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 44.35 ng
 RT: 8.60 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF093653.D
 Acq: 14 Mar 2017 12:40

Tgt Ion:107 Resp: 500215
 Ion Ratio Lower Upper
 107 100
 144 22.5 19.3 28.9
 142 69.1 59.0 88.6

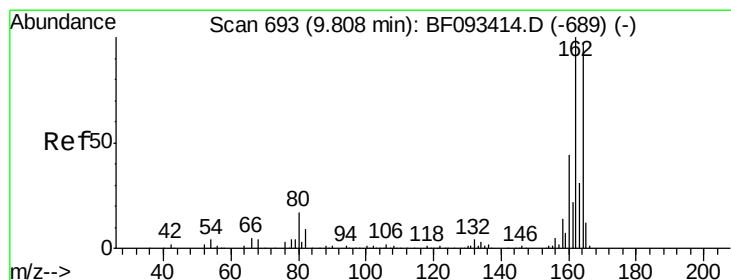
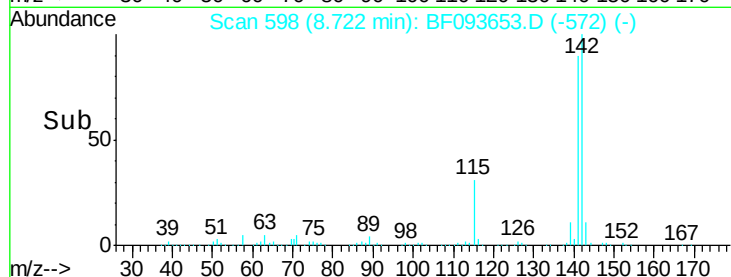
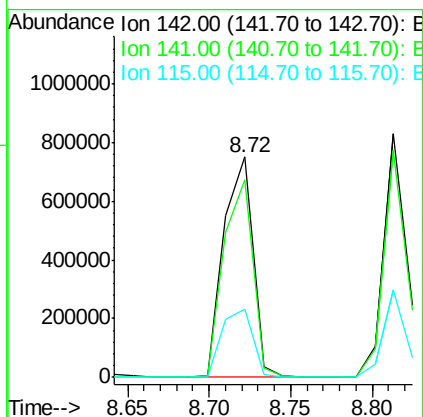
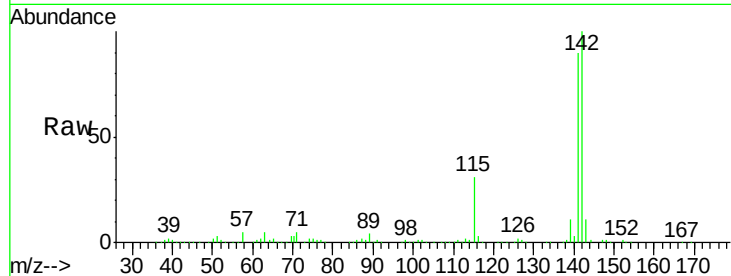




#37
2-Methylnaphthalene
Concen: 38.83 ng
RT: 8.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

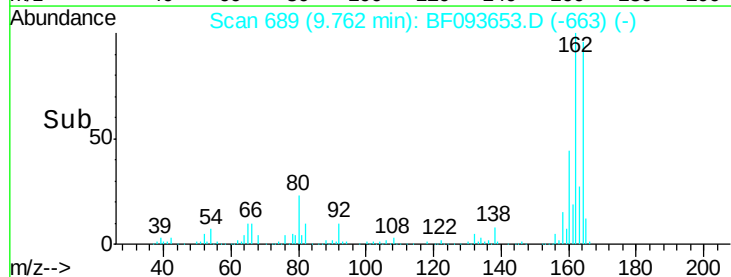
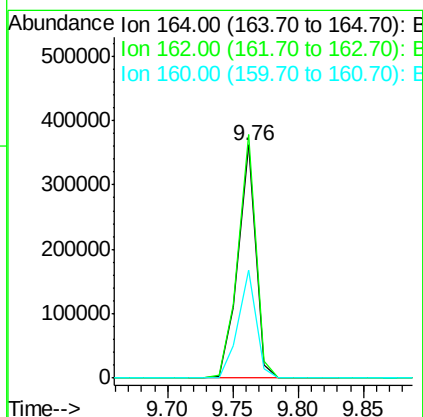
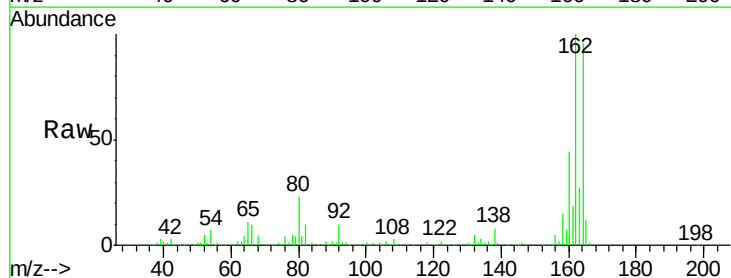
Instrument :
BNA_M
ClientSampled :
PB97542BS

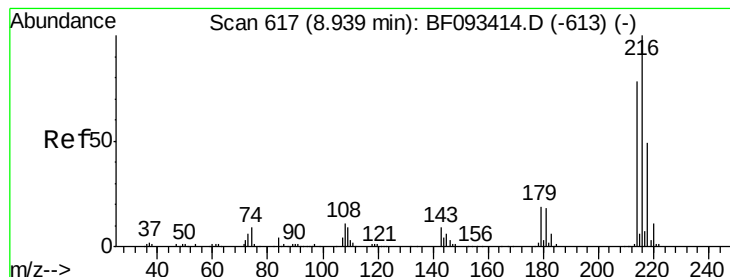
Tot Ion:142 Resp: 924881
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.6
115 30.9 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Tgt Ion:164 Resp: 341260
Ion Ratio Lower Upper
164 100
162 104.4 80.2 120.2
160 46.4 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.78 ng

RT: 8.89 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

Tot Ion:216 Resp: 398622

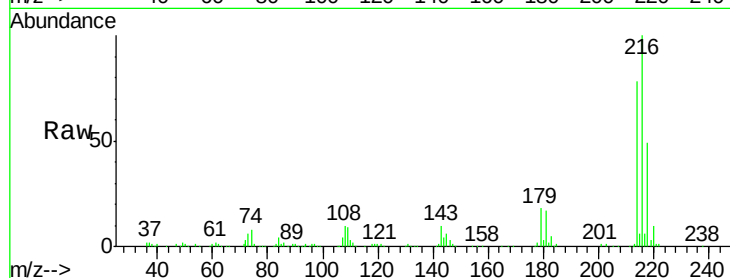
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.0

179 21.2 17.4 26.2

108 19.6 15.6 23.4

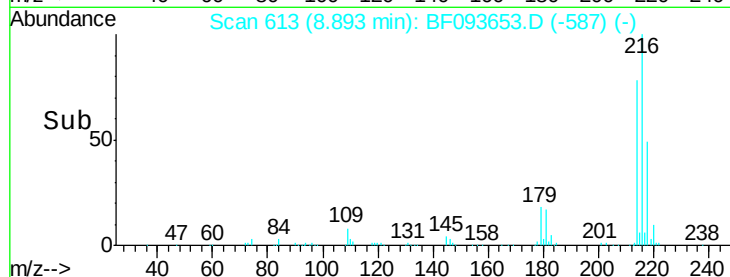


Abundance Ion 216.00 (215.70 to 216.70): E

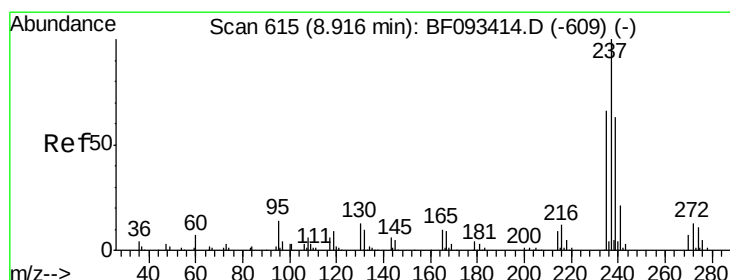
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 79.74 ng

RT: 8.86 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

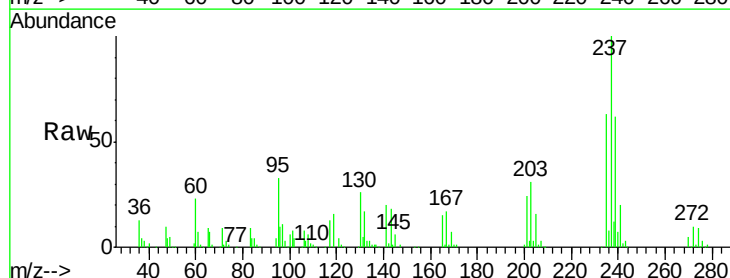
Tgt Ion:237 Resp: 187383

Ion Ratio Lower Upper

237 100

235 62.6 41.2 81.2

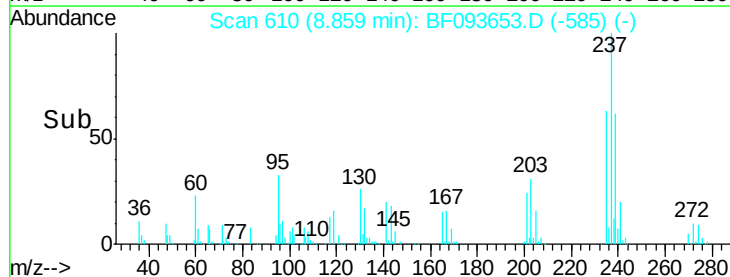
272 10.2 0.0 35.4



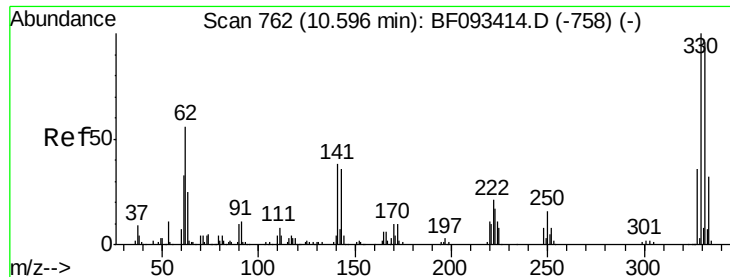
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



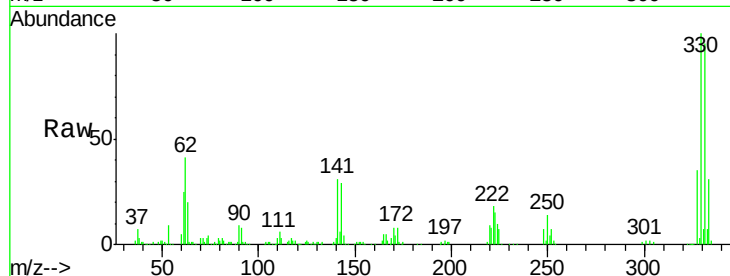
Time-->



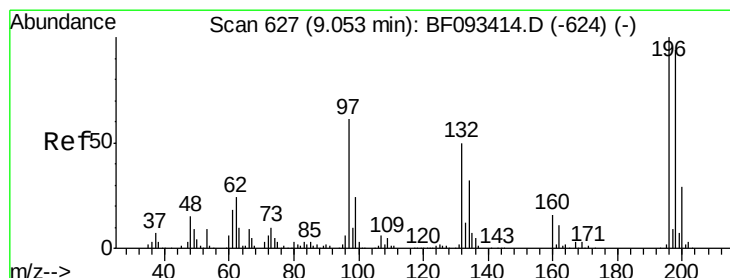
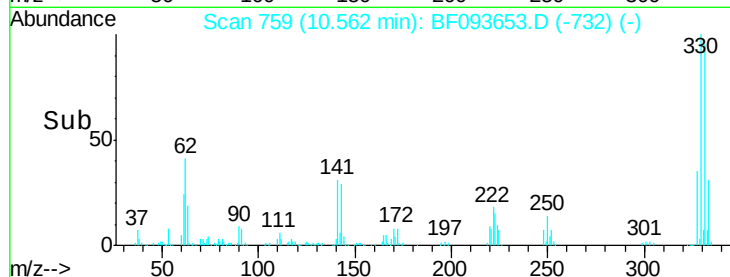
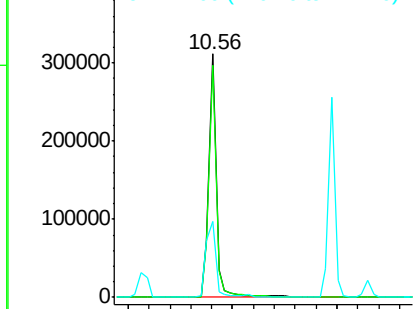
#41
 2,4,6-Tribromophenol
 Concen: 142.24 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093653.D
 Acq: 14 Mar 2017 12:40

Instrument :
 BNA_M
 ClientSampleId :
 PB97542BS

Tot Ion:330 Resp: 316263
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 40.2 34.1 51.1

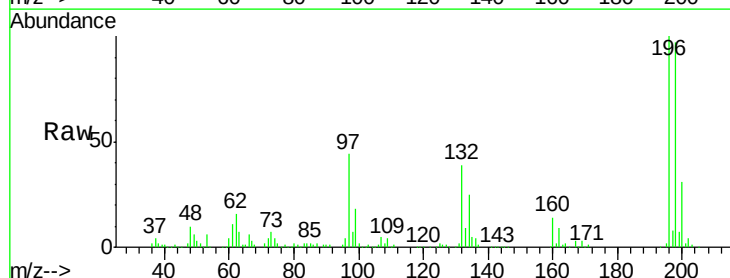


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

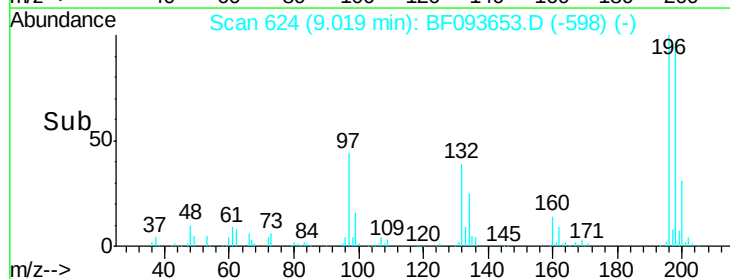
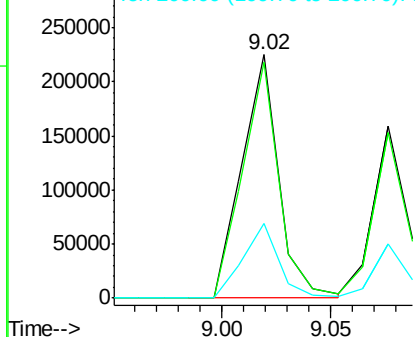


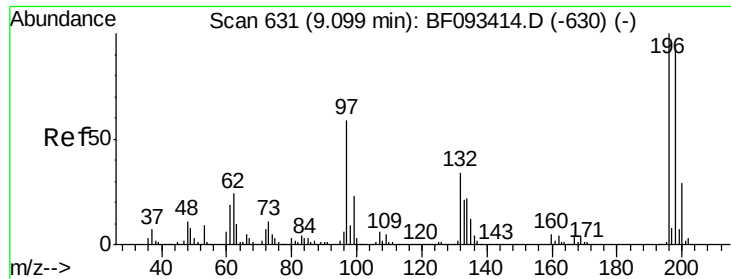
#42
 2,4,6-Trichlorophenol
 Concen: 45.56 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093653.D
 Acq: 14 Mar 2017 12:40

Tgt Ion:196 Resp: 265267
 Ion Ratio Lower Upper
 196 100
 198 97.1 82.1 123.1
 200 30.9 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

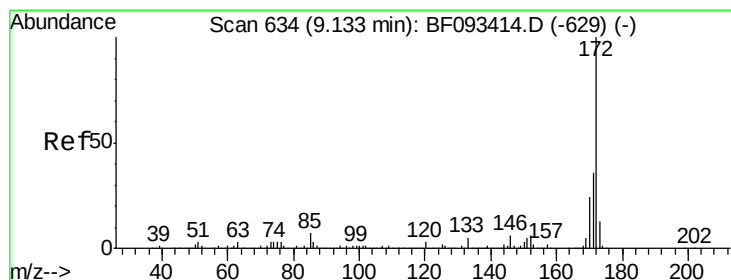
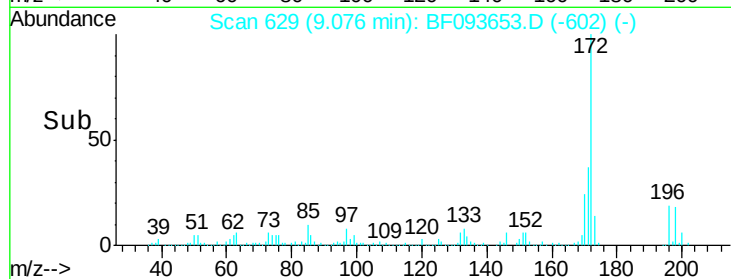
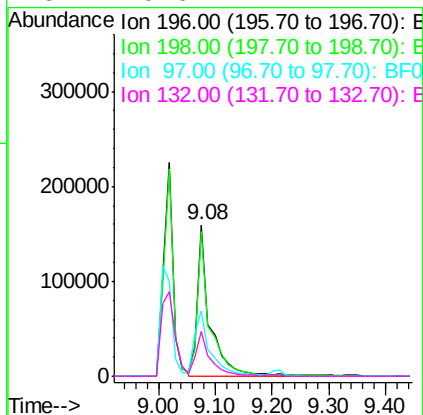
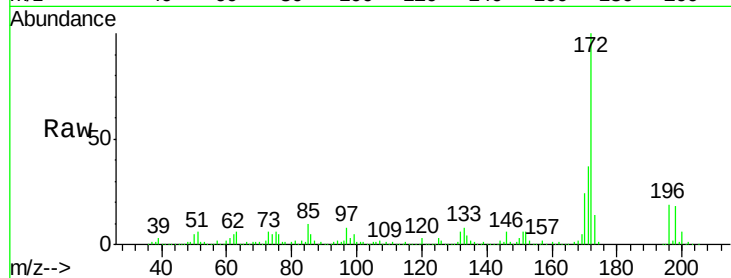




#43
2,4,5-Trichlorophenol
Concen: 38.60 ng
RT: 9.08 min Scan# 629
Delta R.T. 0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

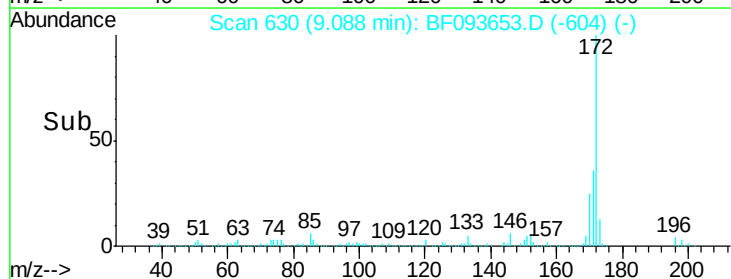
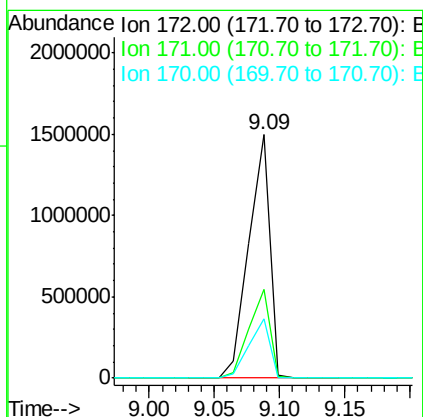
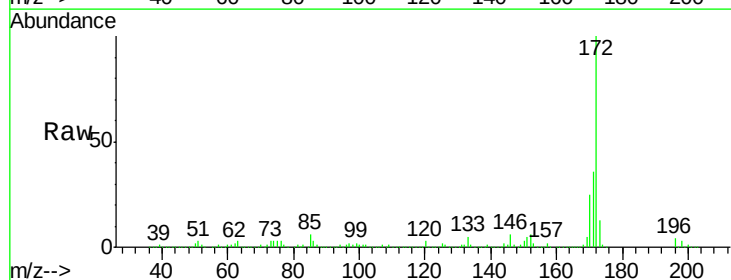
Instrument :
BNA_M
ClientSampleId :
PB97542BS

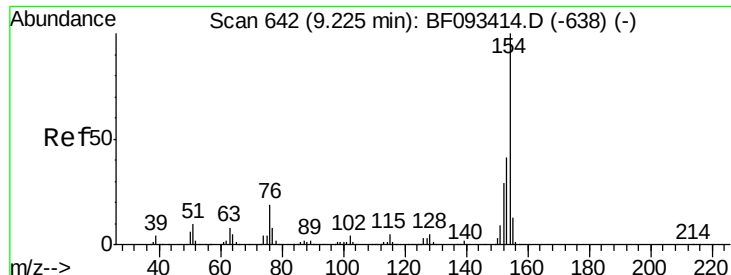
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	79.4	119.2
97	43.6	51.5	77.3#
132	29.6	27.4	41.2



#44
2-Fluorobiphenyl
Concen: 92.09 ng
RT: 9.09 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.5	20.2	30.4





#45

1,1'-Biphenyl

Concen: 43.63 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

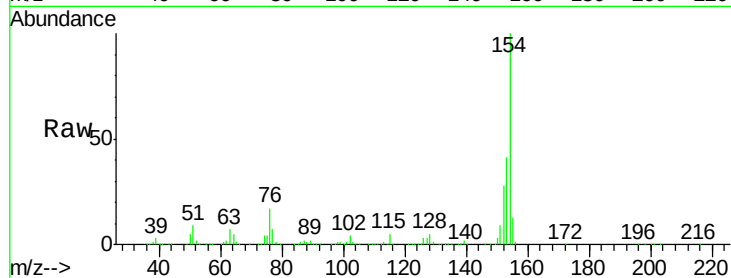
Tot Ion:154 Resp: 1084694

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

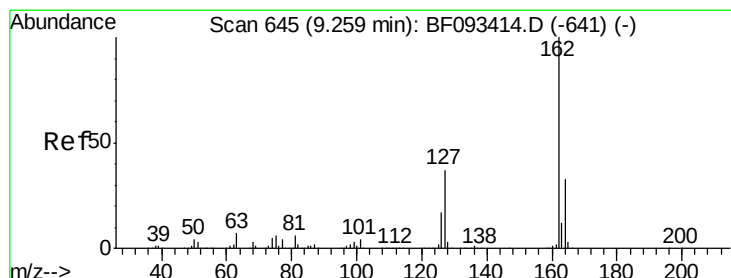
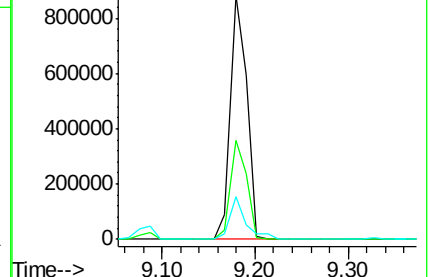
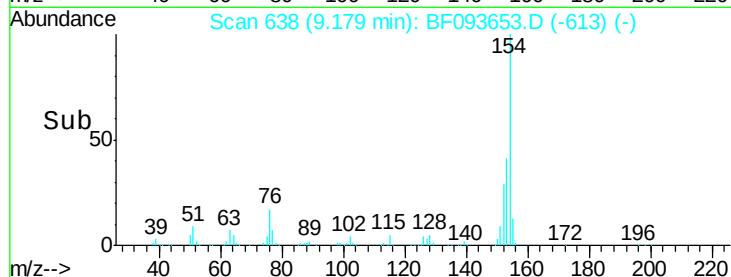
76 17.3 0.0 30.5



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: 46.72 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

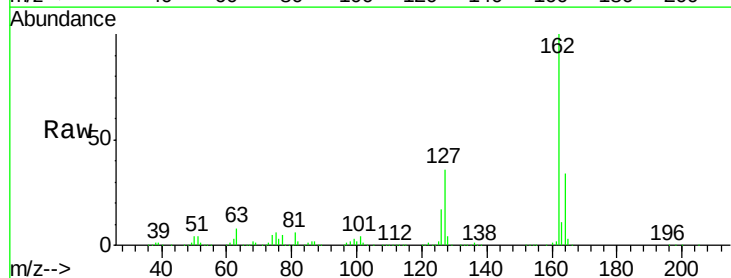
Tgt Ion:162 Resp: 889066

Ion Ratio Lower Upper

162 100

127 36.2 30.7 46.1

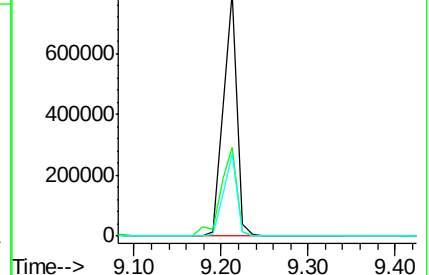
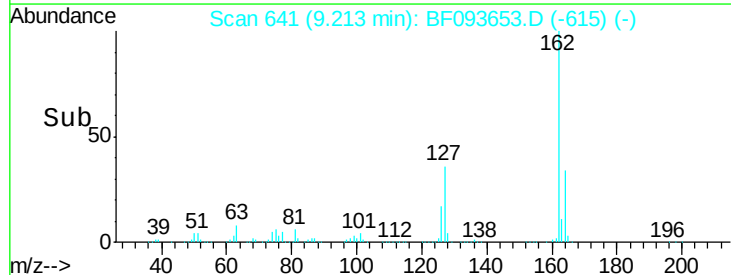
164 33.6 27.6 41.4

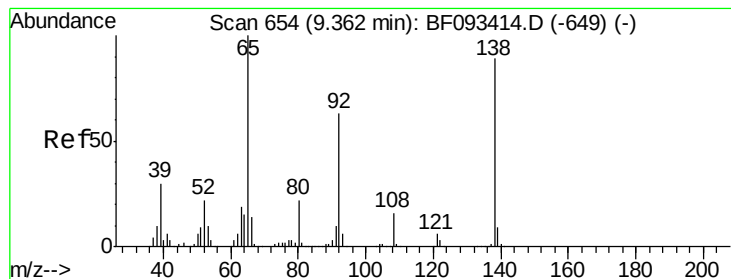


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.85 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

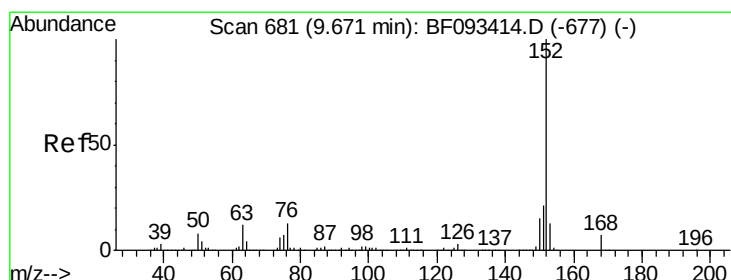
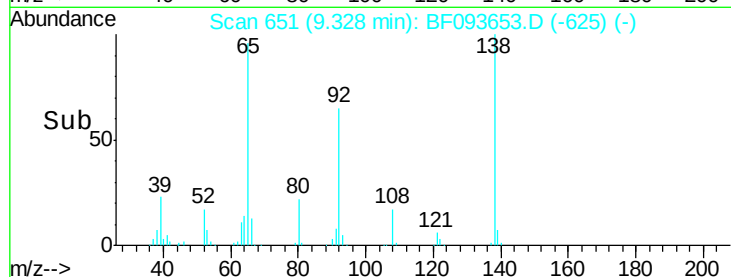
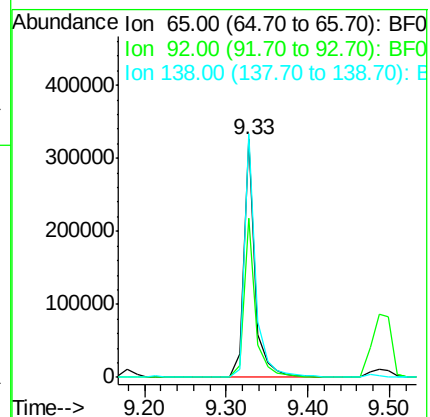
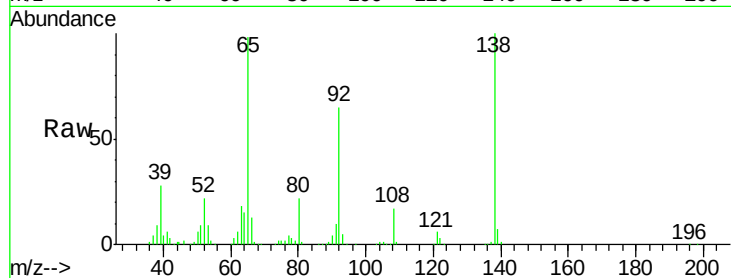
Tot Ion: 65 Resp: 315182

Ion Ratio Lower Upper

65 100

92 66.7 53.9 80.9

138 102.4 76.8 115.2



#48

Acenaphthylene

Concen: 44.32 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

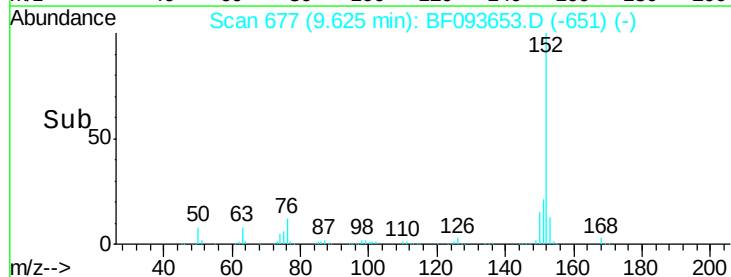
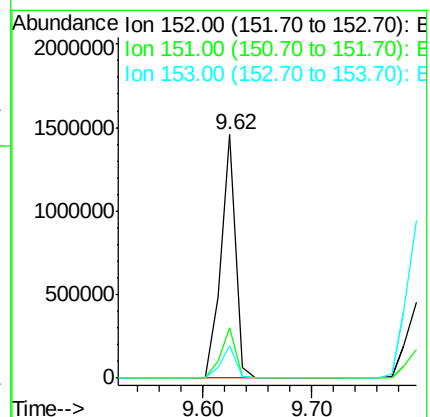
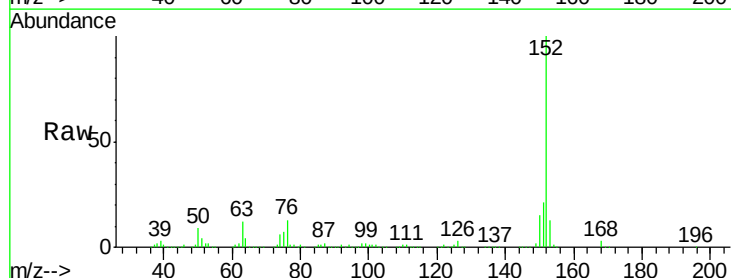
Tgt Ion: 152 Resp: 1391025

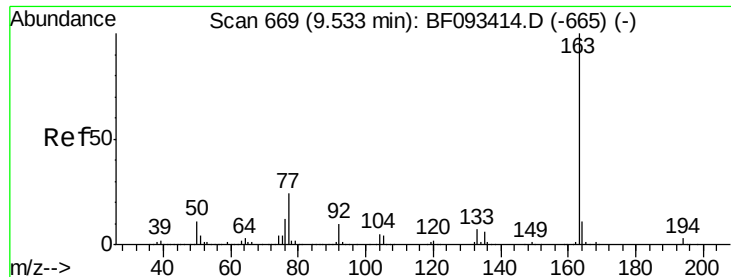
Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

153 13.3 11.4 17.2





#49

Dimethylphthalate

Concen: 47.65 ng

RT: 9.50 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

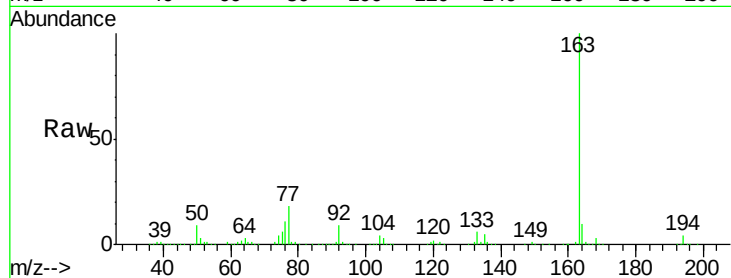
Tot Ion:163 Resp: 1078104

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

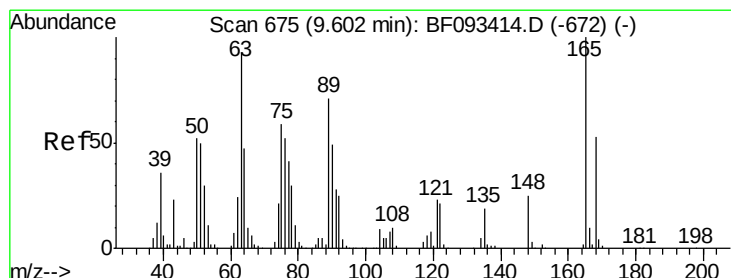
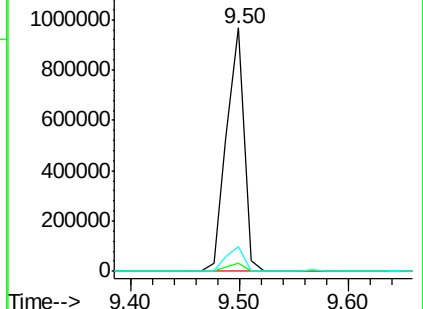
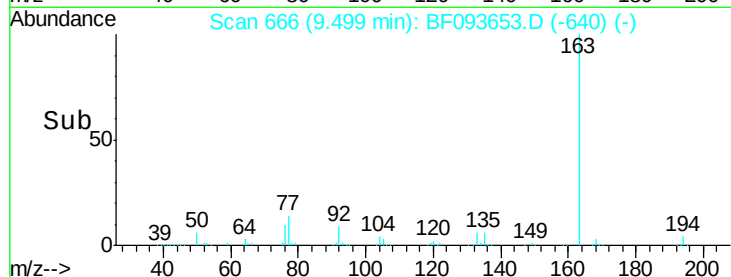
164 10.1 8.0 12.0



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: 46.66 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

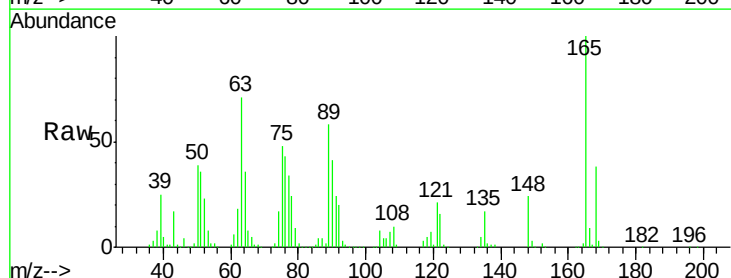
Tgt Ion:165 Resp: 231626

Ion Ratio Lower Upper

165 100

63 71.0 36.2 54.4#

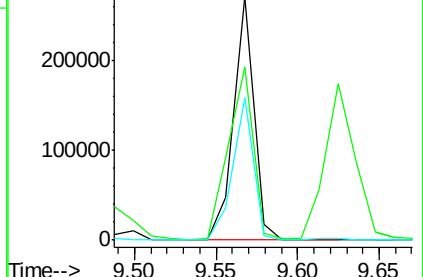
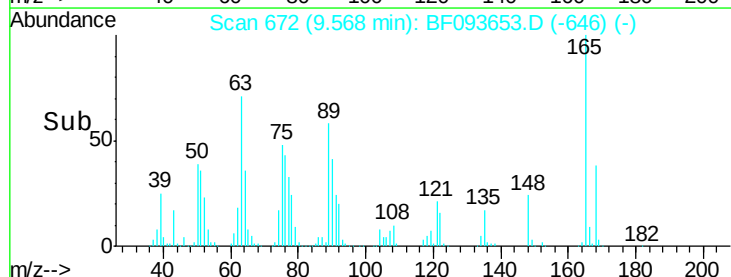
89 58.5 40.2 60.4

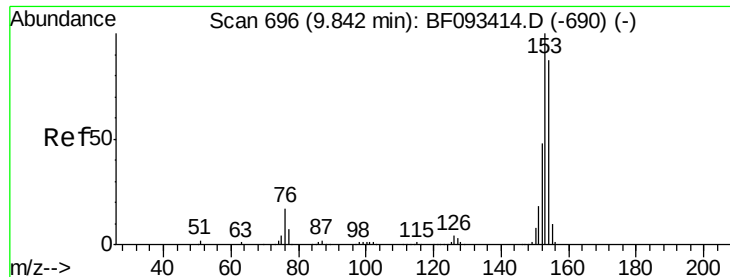


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.71 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

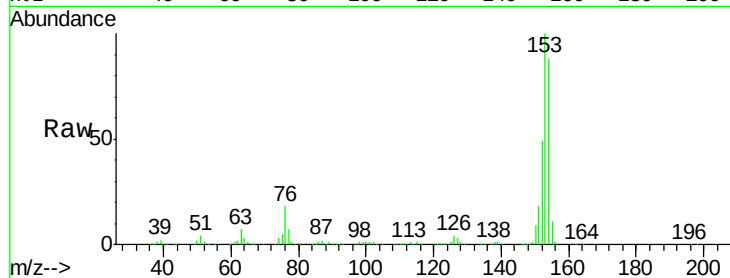
Tot Ion:154 Resp: 848224

Ion Ratio Lower Upper

154 100

153 113.1 88.6 133.0

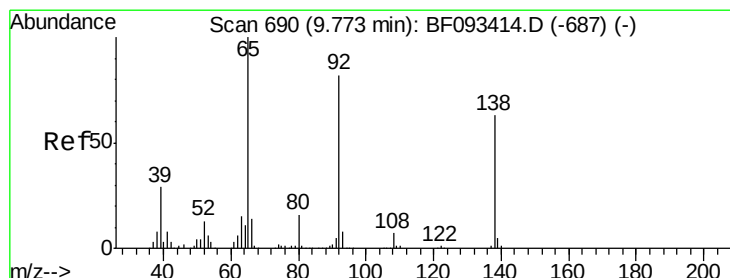
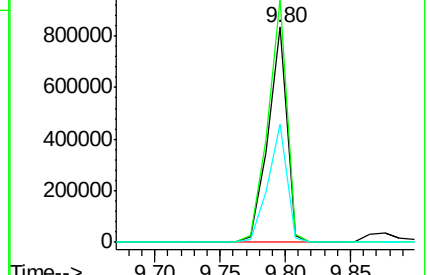
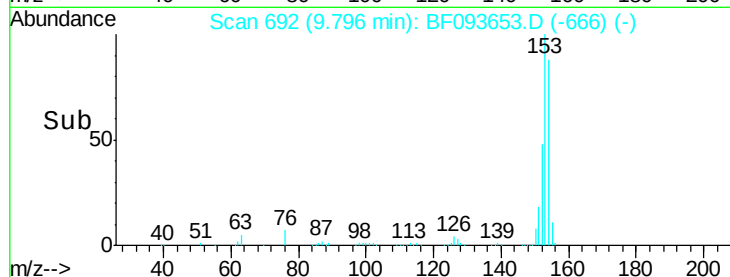
152 54.9 41.6 62.4



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: 28.97 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

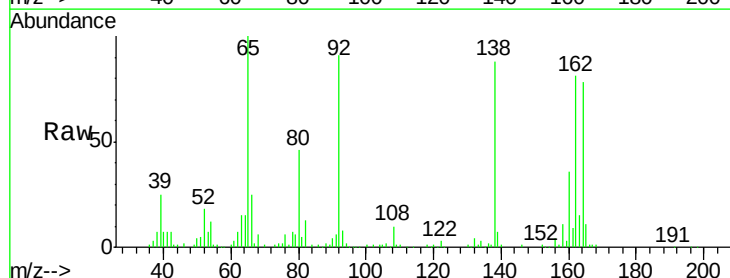
Tgt Ion:138 Resp: 172809

Ion Ratio Lower Upper

138 100

108 11.7 8.5 12.7

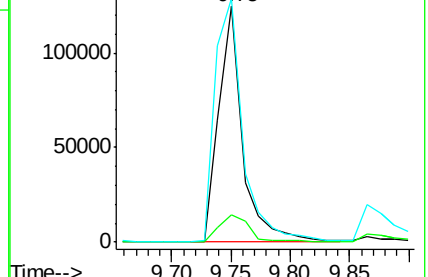
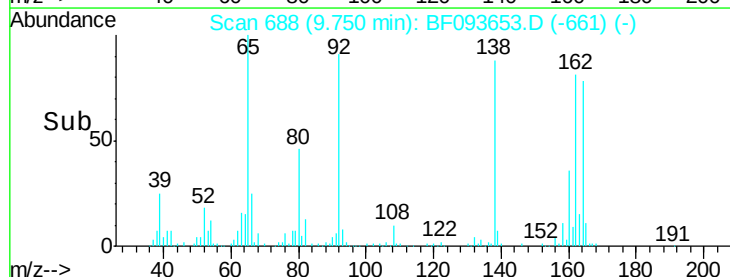
92 103.4 97.8 146.8

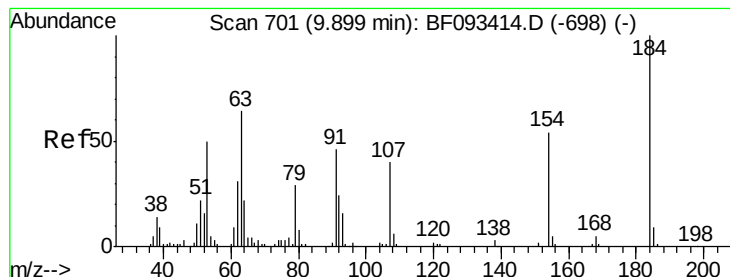


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 81.54 ng

RT: 9.88 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

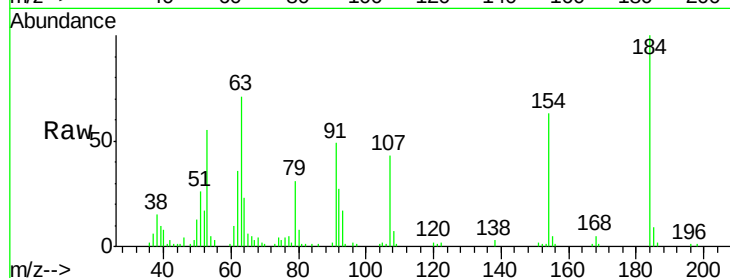
Tot Ion:184 Resp: 184342

Ion Ratio Lower Upper

184 100

63 71.4 28.4 42.6#

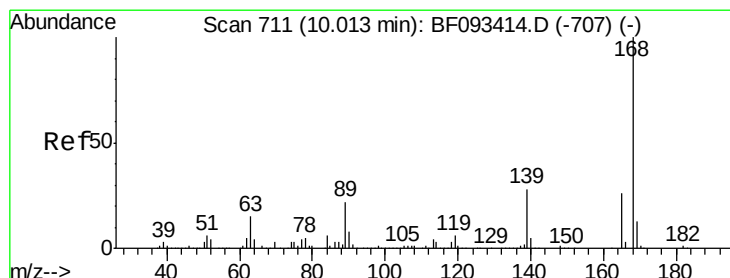
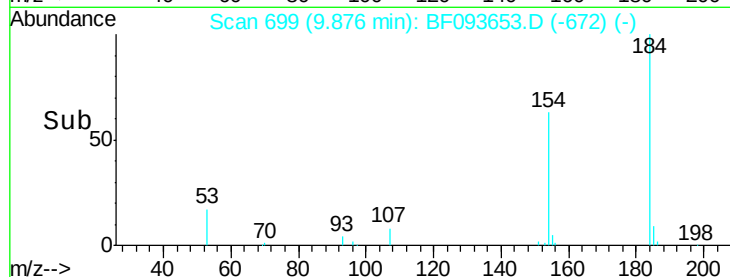
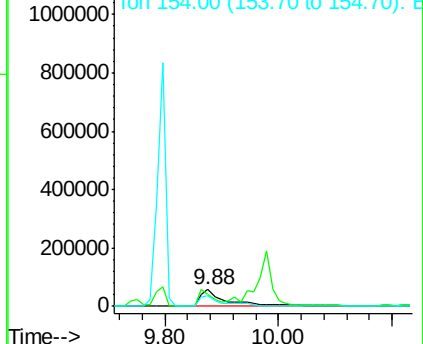
154 63.4 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 49.29 ng

RT: 9.97 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

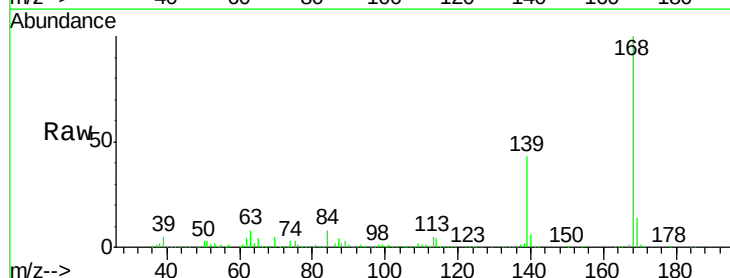
Tgt Ion:168 Resp: 1144811

Ion Ratio Lower Upper

168 100

139 42.5 32.6 49.0

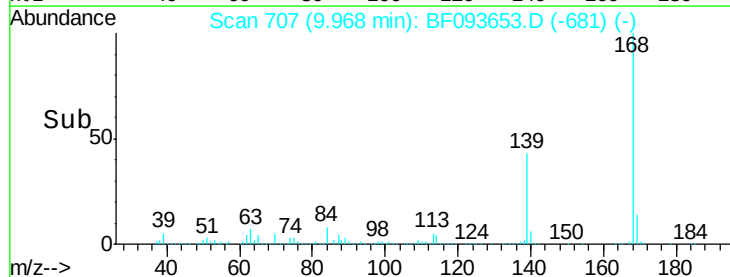
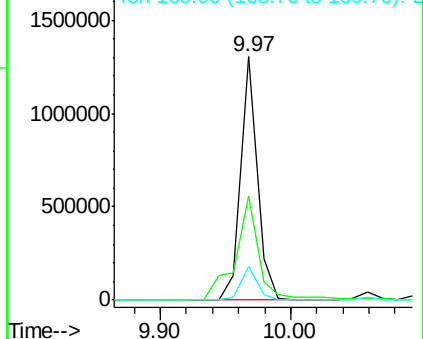
169 13.8 11.3 16.9

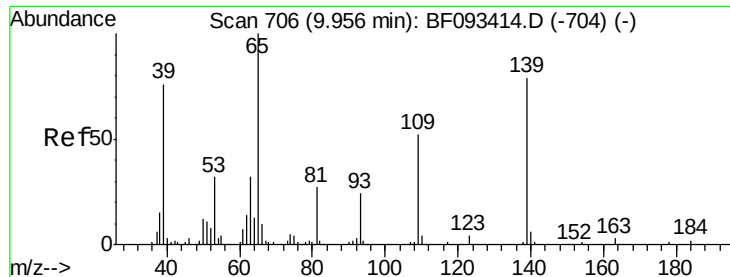


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

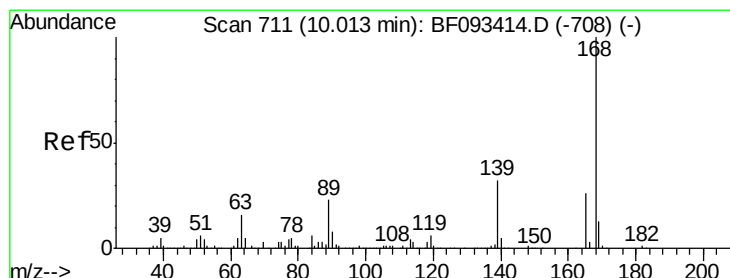
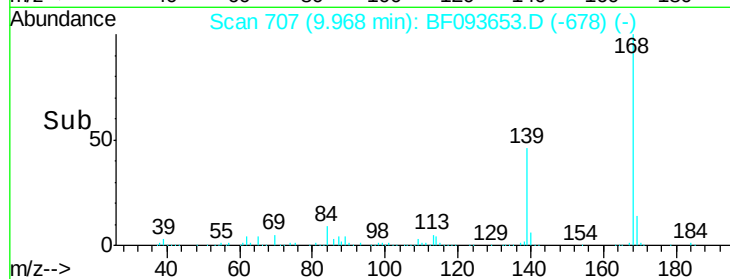
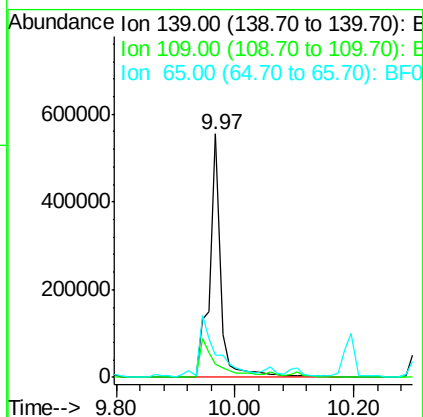
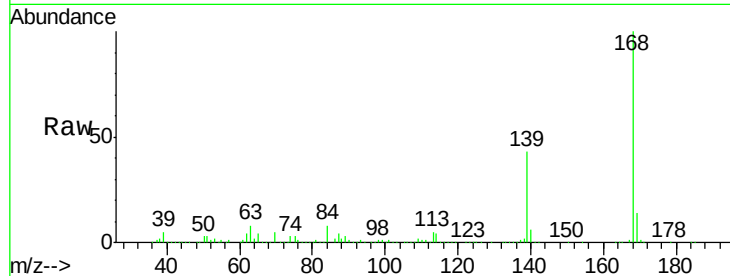




#55
4-Nitrophenol
Concen: 253.39 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

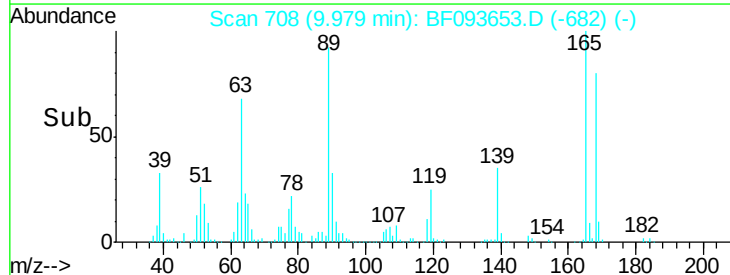
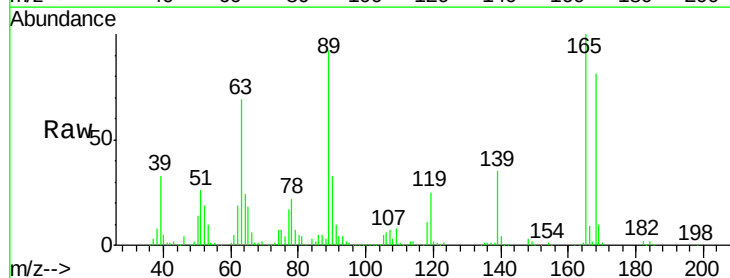
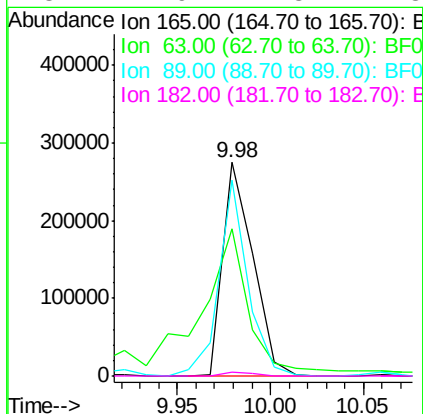
Instrument :
BNA_M
ClientSampleId :
PB97542BS

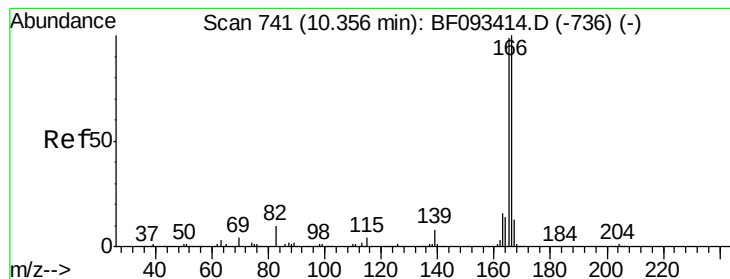
Tot Ion	Ratio	Lower	Upper
139	100		
109	5.6	52.2	92.2#
65	9.1	85.8	125.8#



#56
2,4-Dinitrotoluene
Concen: 51.27 ng
RT: 9.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.8	40.2	60.4#
89	91.6	62.5	93.7
182	1.9	1.8	2.8





#57

Fluorene

Concen: 45.87 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

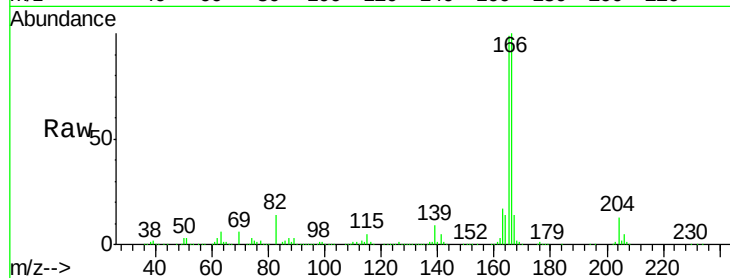
Tot Ion:166 Resp: 902902

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

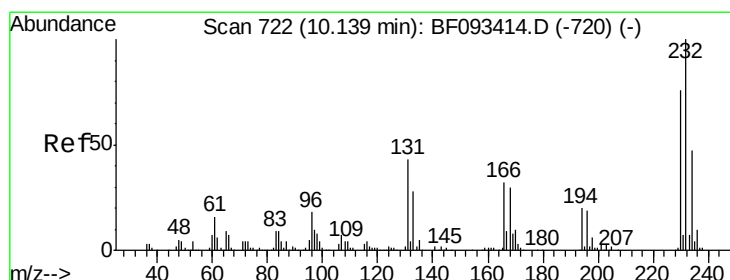
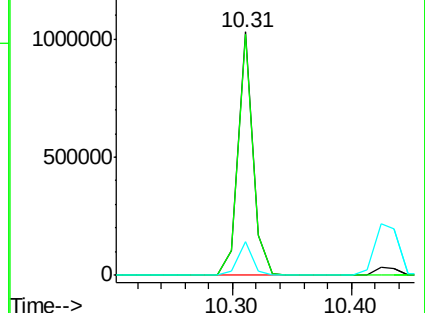
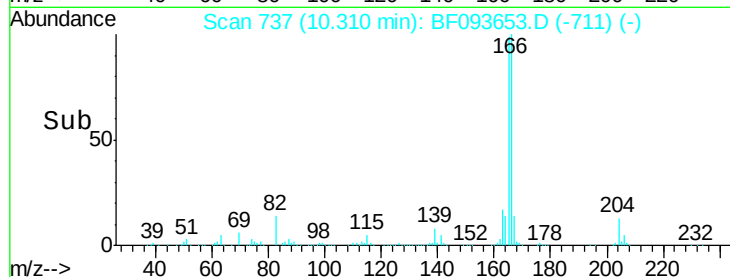
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.79 ng

RT: 10.10 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Tgt Ion:232 Resp: 232754

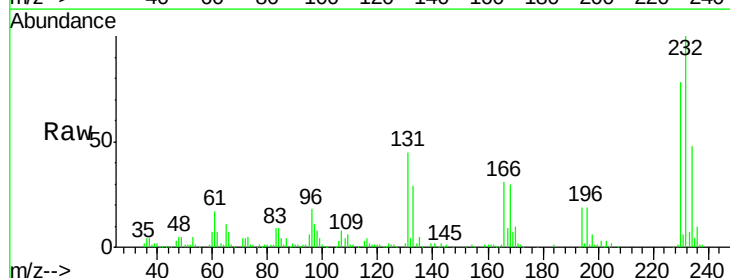
Ion Ratio Lower Upper

232 100

131 44.2 40.1 60.1

130 2.3 1.8 2.8

166 32.3 26.6 39.8

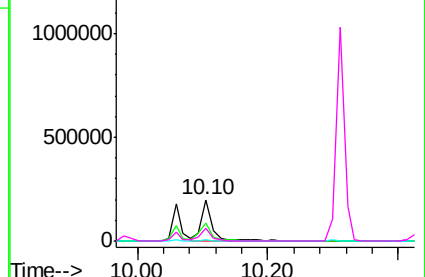
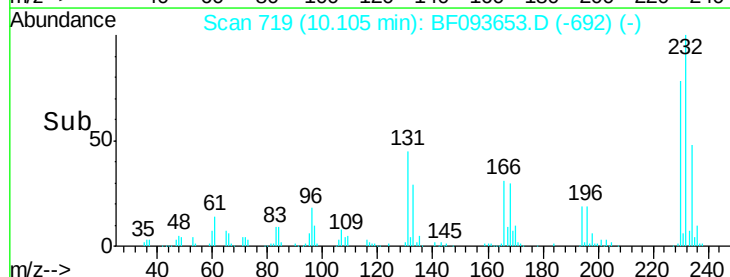


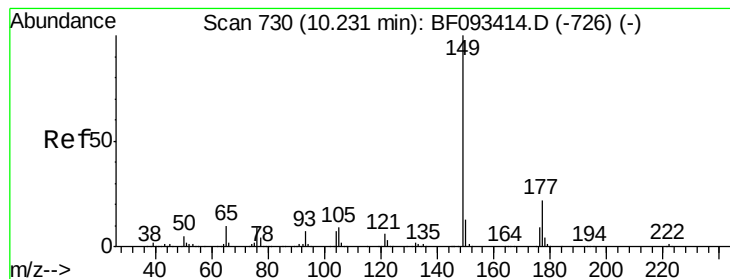
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.78 ng

RT: 10.20 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

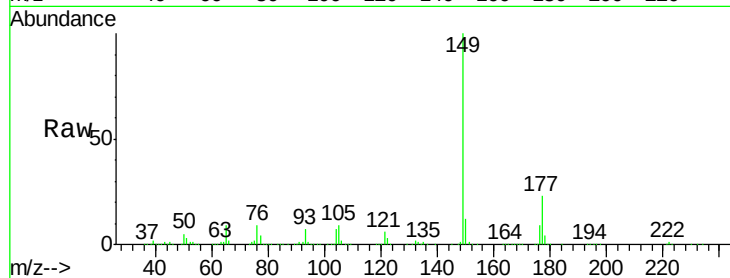
Tot Ion:149 Resp: 1076467

Ion Ratio Lower Upper

149 100

177 22.6 16.6 25.0

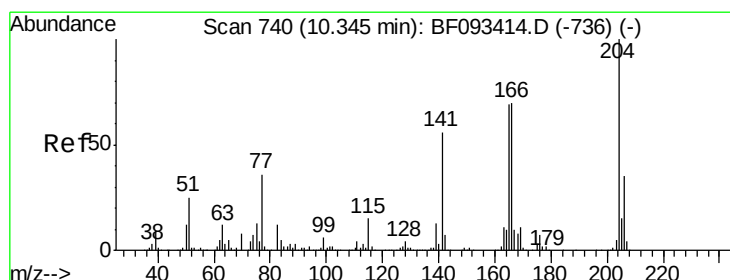
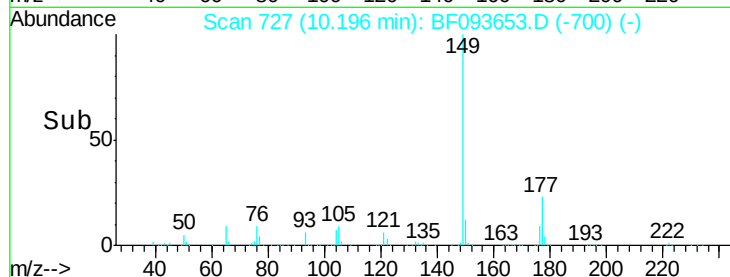
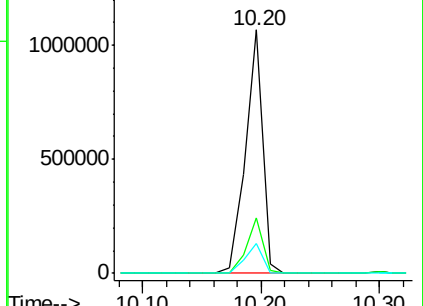
150 12.4 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.56 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

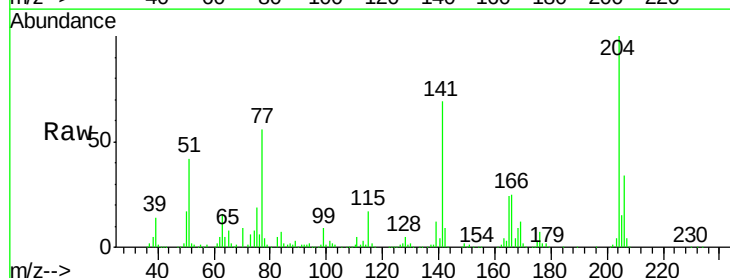
Tgt Ion:204 Resp: 401962

Ion Ratio Lower Upper

204 100

206 34.4 25.8 38.6

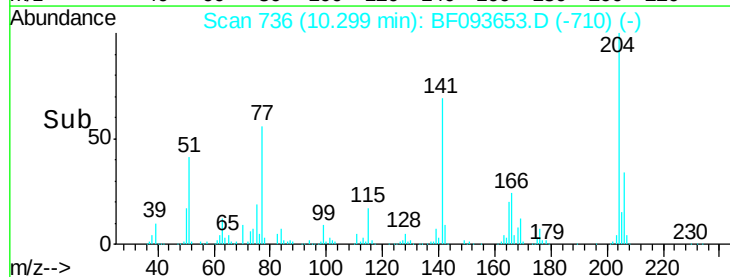
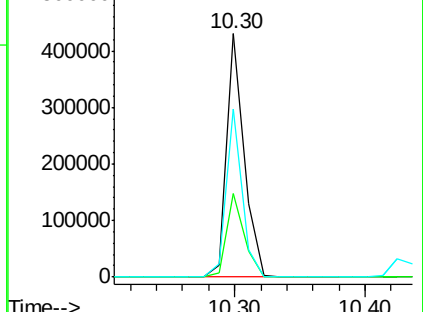
141 68.8 59.4 89.0

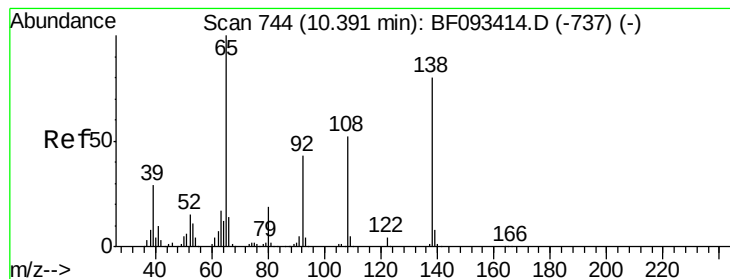


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.22 ng

RT: 10.37 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

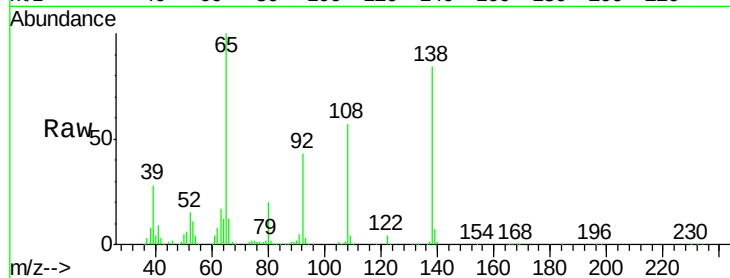
Tot Ion:138 Resp: 251401

Ion Ratio Lower Upper

138 100

92 51.7 31.7 71.7

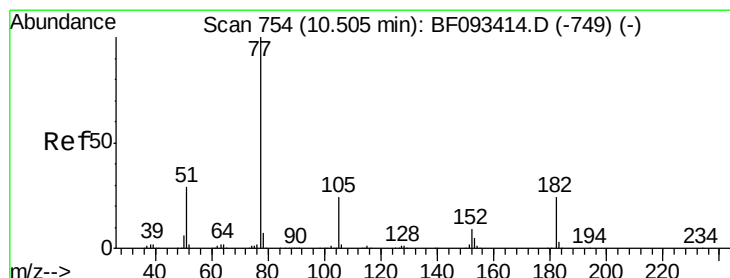
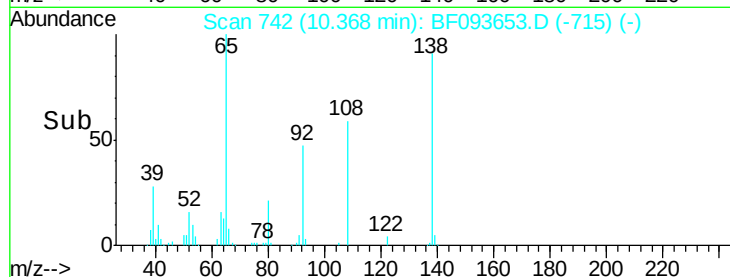
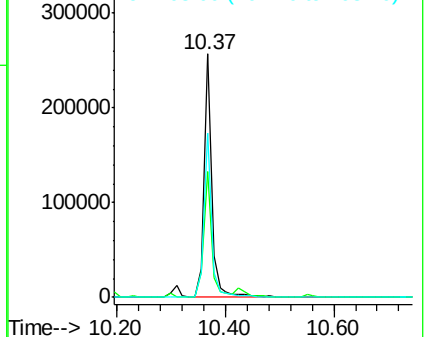
108 67.4 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.43 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Tgt Ion: 77 Resp: 1239002

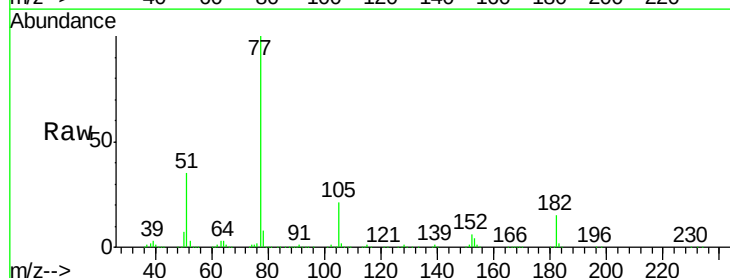
Ion Ratio Lower Upper

77 100

182 14.9 0.0 39.3

105 21.2 2.3 42.3

51 34.6 8.9 48.9

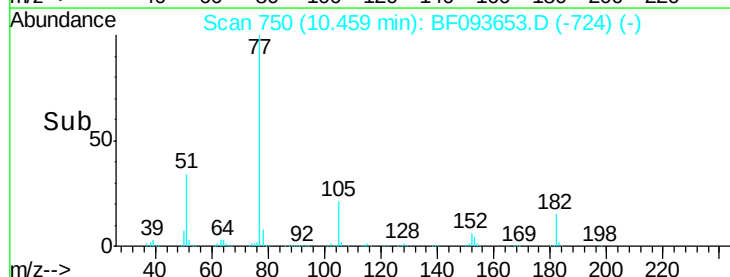
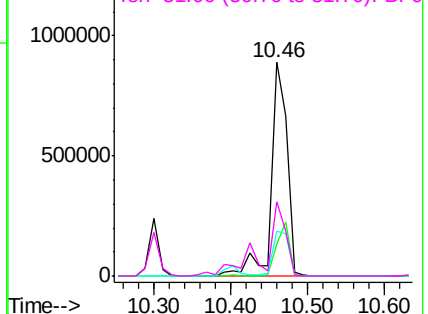


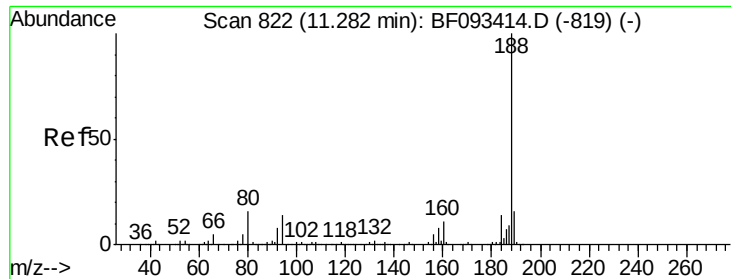
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

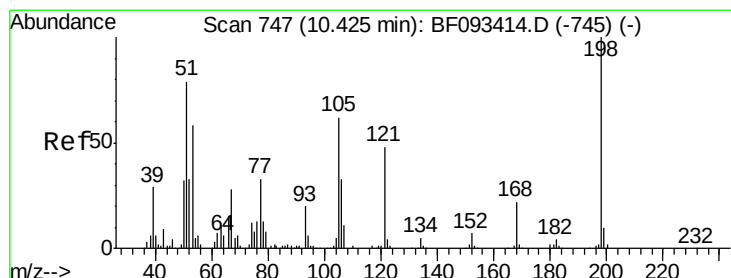
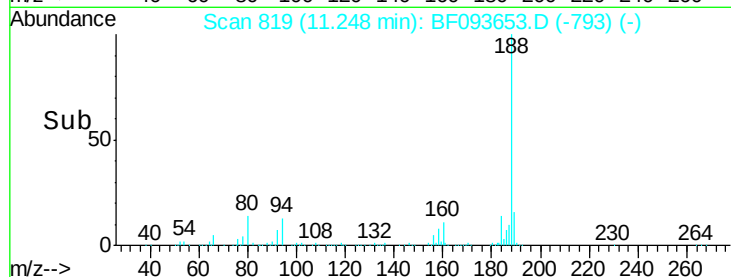
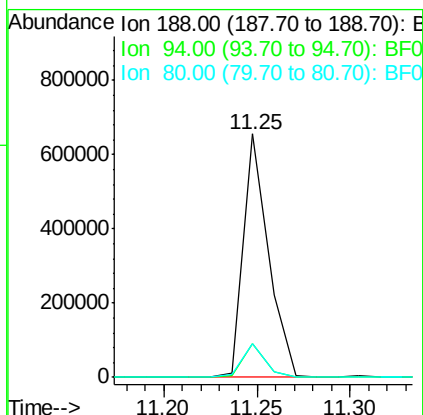
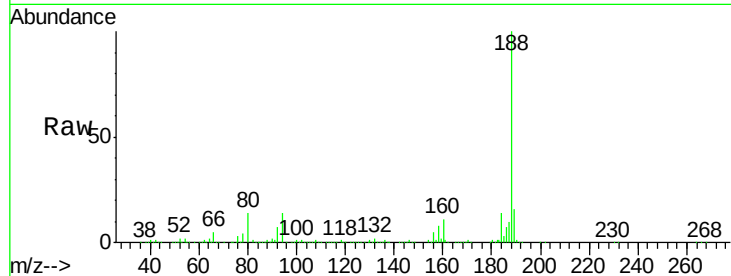




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

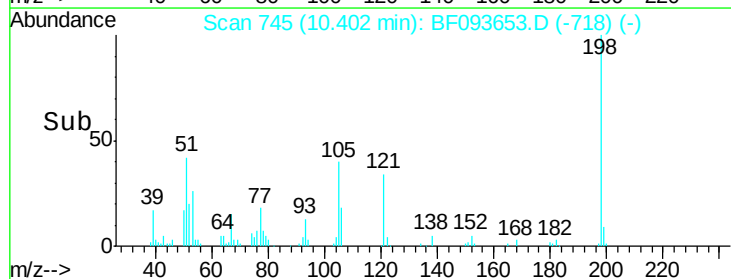
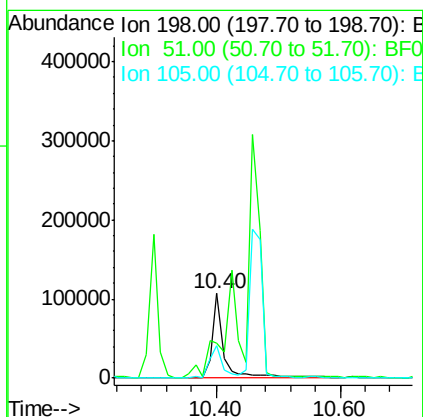
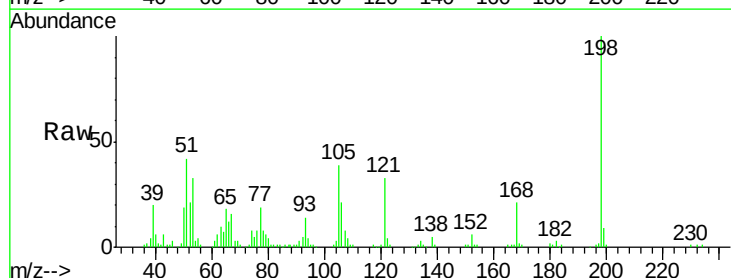
Instrument :
BNA_M
ClientSampleId :
PB97542BS

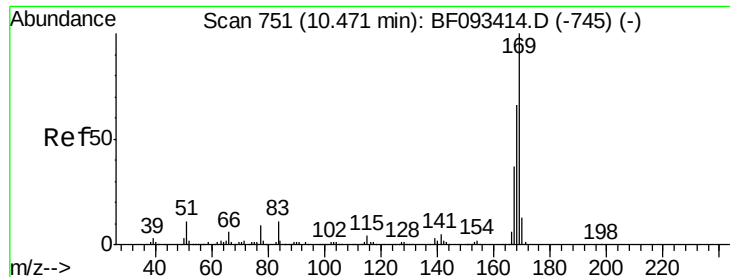
Tot Ion:188 Resp: 614945
Ion Ratio Lower Upper
188 100
94 13.7 10.0 15.0
80 14.1 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 34.97 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Tgt Ion:198 Resp: 139317
Ion Ratio Lower Upper
198 100
51 42.1 6.7 46.7
105 39.1 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 39.45 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

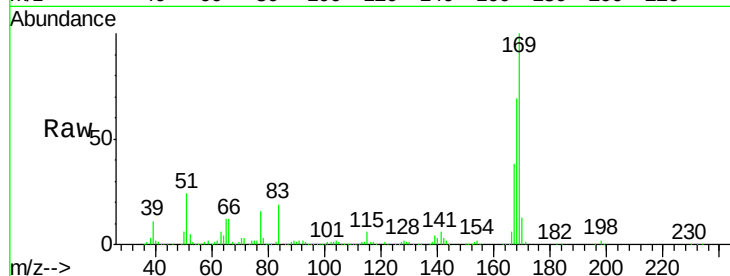
Tot Ion:169 Resp: 809978

Ion Ratio Lower Upper

169 100

168 68.6 54.2 81.2

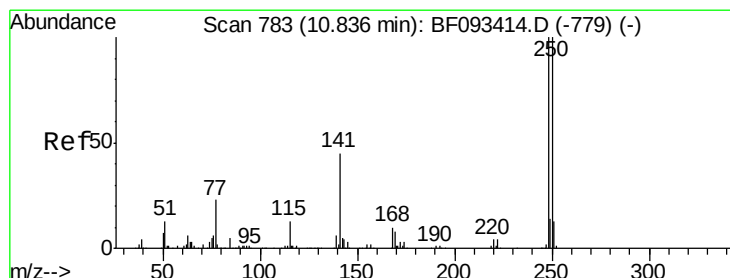
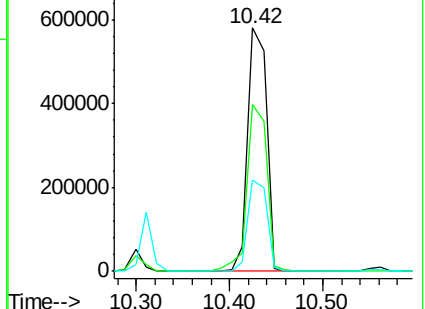
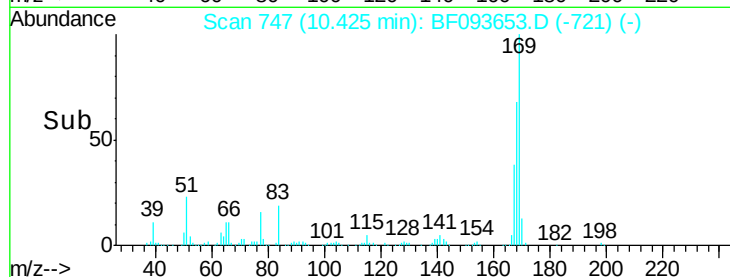
167 37.7 30.2 45.4



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: 38.55 ng

RT: 10.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

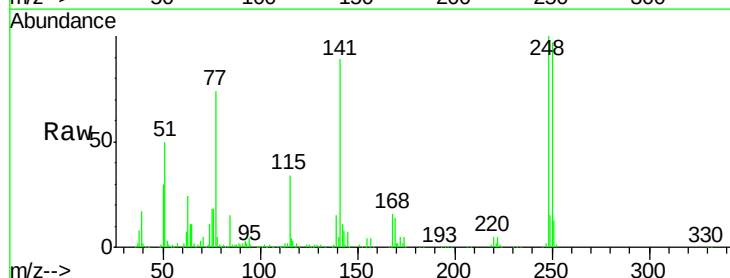
Tgt Ion:248 Resp: 250686

Ion Ratio Lower Upper

248 100

250 96.9 76.9 115.3

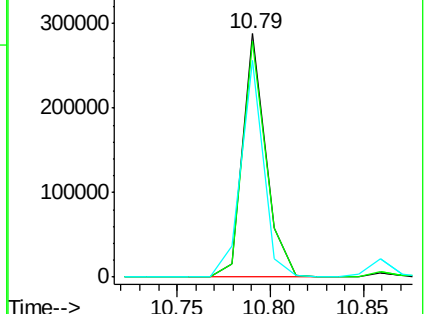
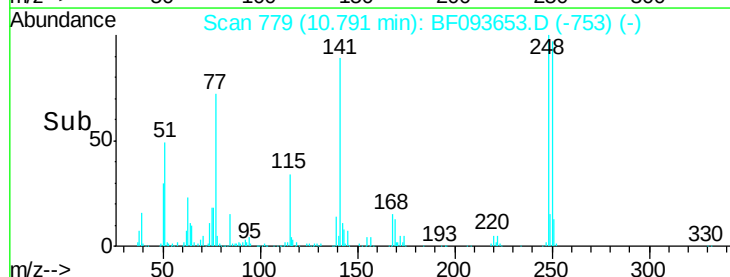
141 89.1 68.2 102.4

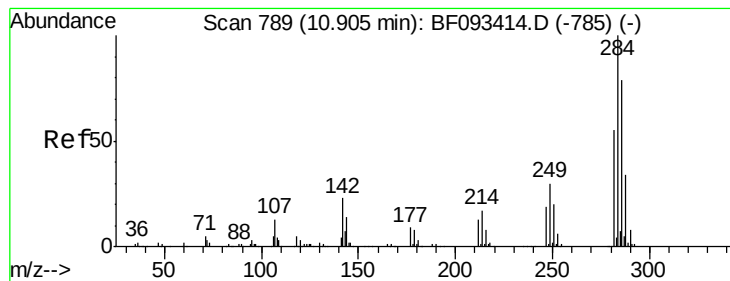


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.57 ng

RT: 10.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

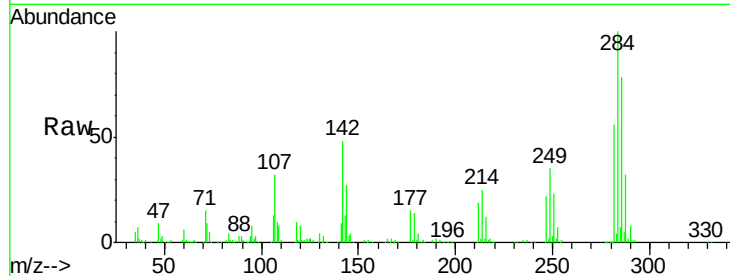
Tot Ion:284 Resp: 245700

Ion Ratio Lower Upper

284 100

142 47.5 22.6 33.8#

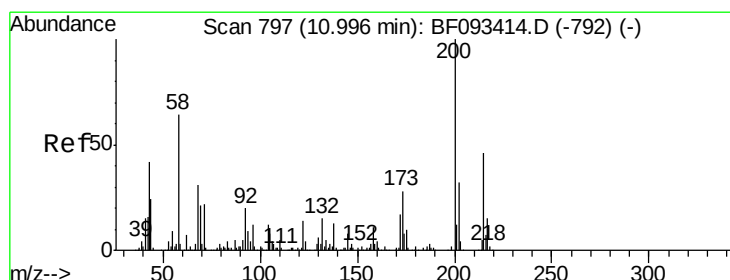
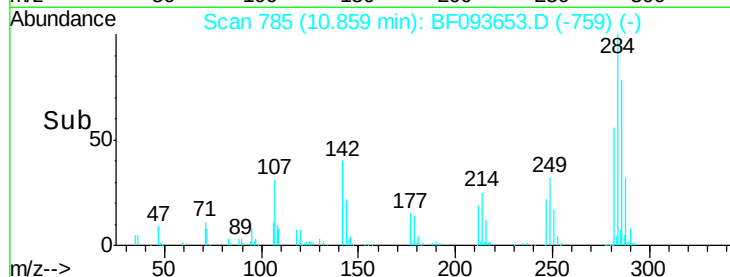
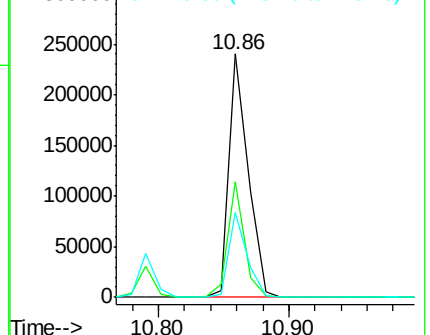
249 35.0 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.49 ng

RT: 10.96 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

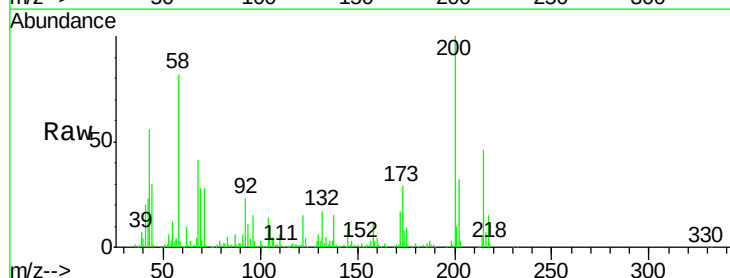
Tgt Ion:200 Resp: 207265

Ion Ratio Lower Upper

200 100

173 29.4 9.6 49.6

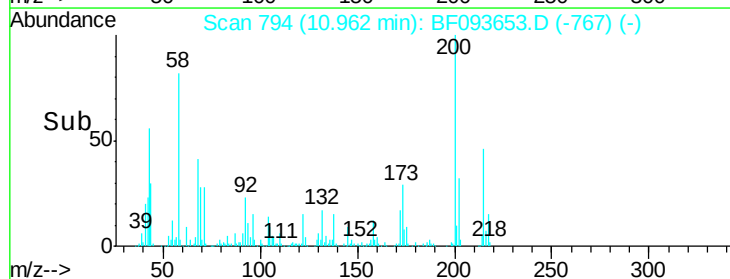
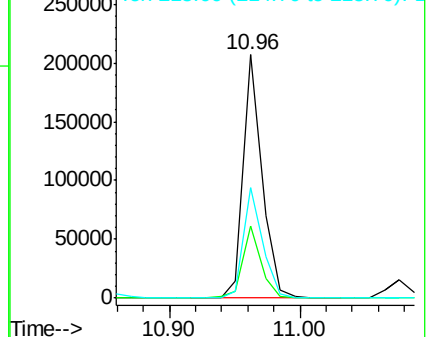
215 45.6 25.7 65.7

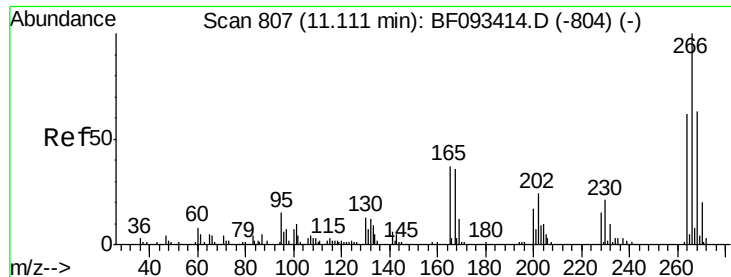


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

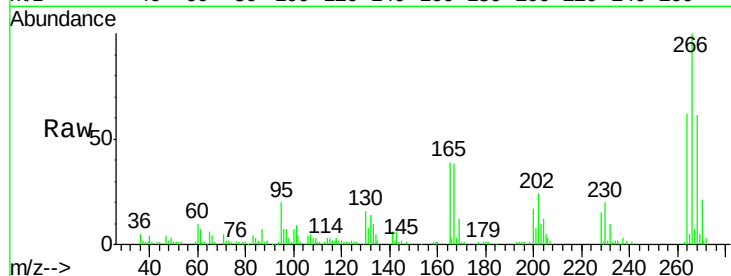




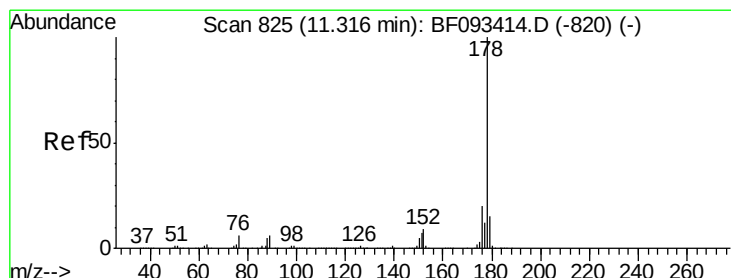
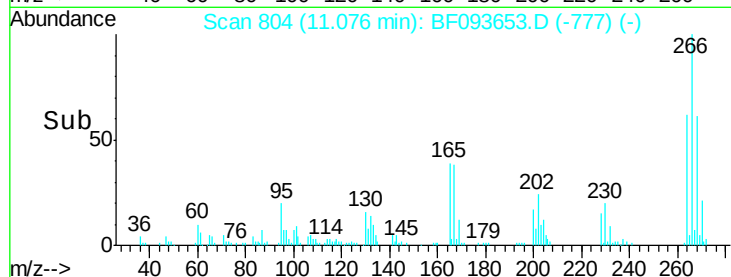
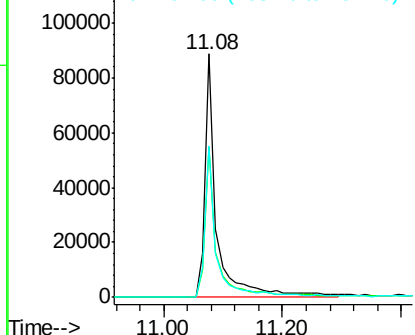
#69
 Pentachlorophenol
 Concen: 59.21 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093653.D
 Acq: 14 Mar 2017 12:40

Instrument :
 BNA_M
 ClientSampleId :
 PB97542BS

Tot Ion:266 Resp: 126928
 Ion Ratio Lower Upper
 266 100
 268 61.4 53.3 79.9
 264 62.2 50.3 75.5

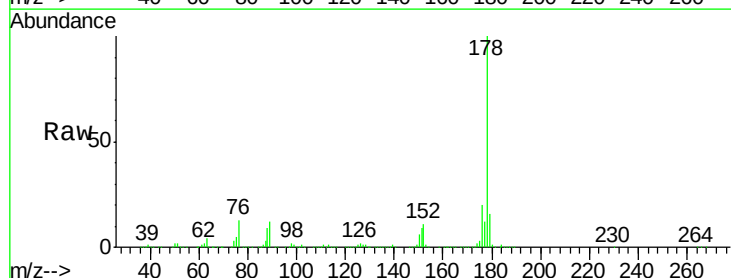


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

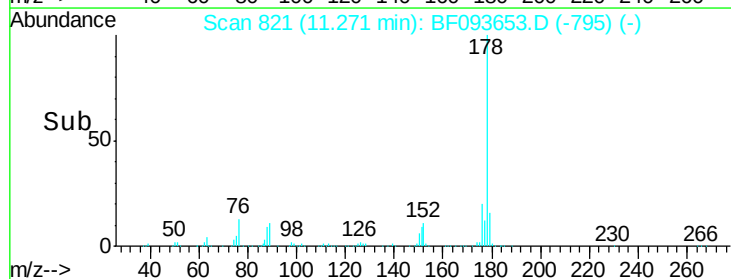
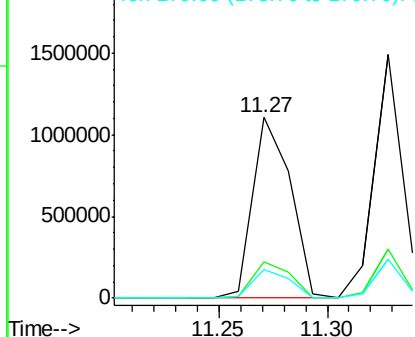


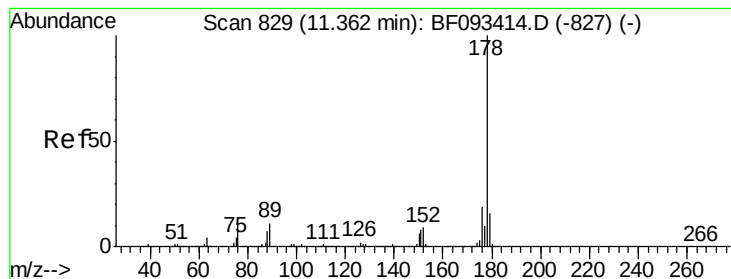
#70
 Phenanthrene
 Concen: 38.27 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093653.D
 Acq: 14 Mar 2017 12:40

Tgt Ion:178 Resp: 1343231
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 16.1 12.8 19.2



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





#71

Anthracene

Concen: 39.36 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

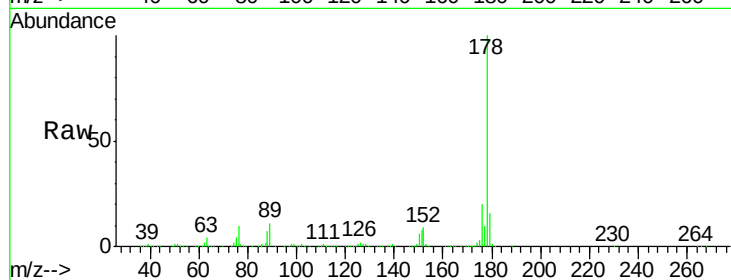
Tot Ion:178 Resp: 1397525

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

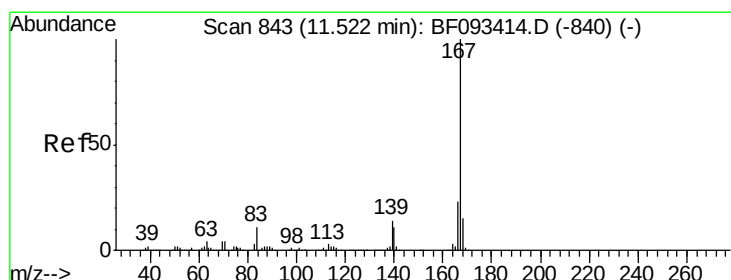
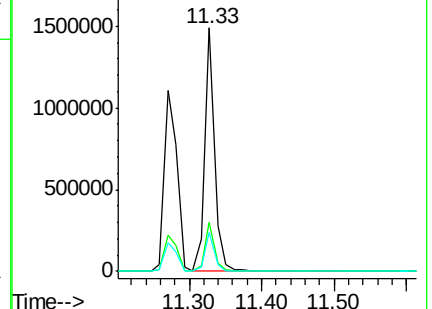
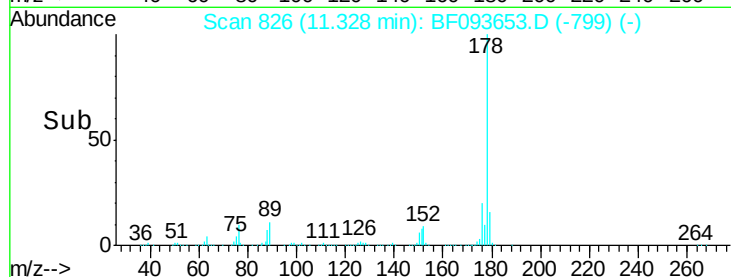
179 16.0 13.2 19.8



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: 39.64 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

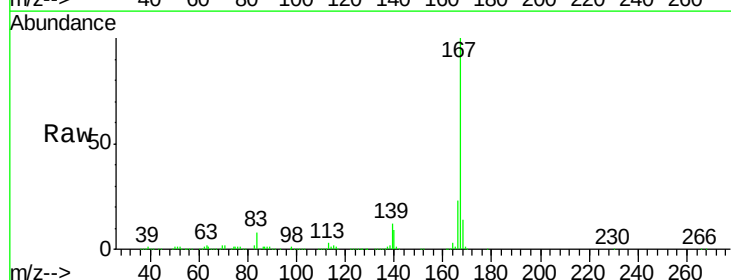
Tgt Ion:167 Resp: 1322191

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

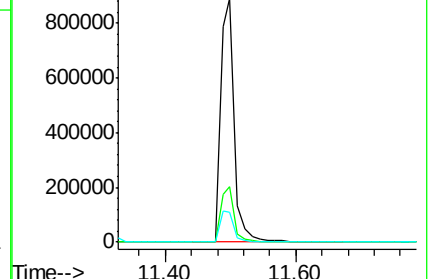
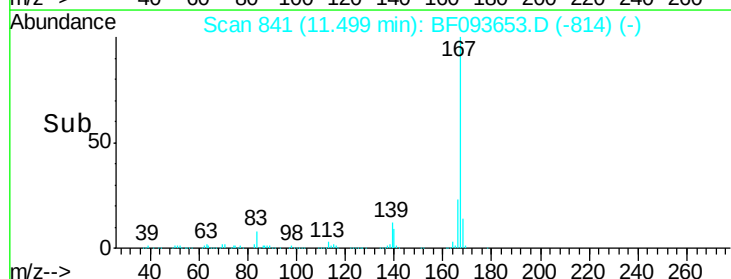
139 12.5 11.4 17.2

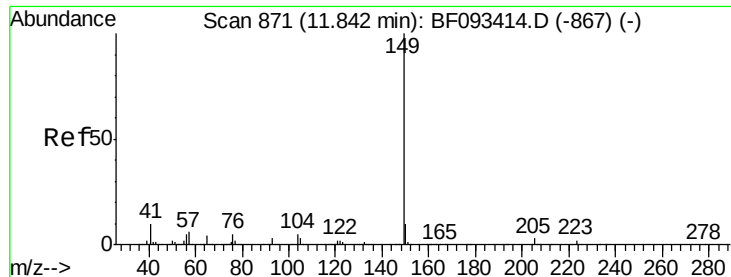


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.66 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

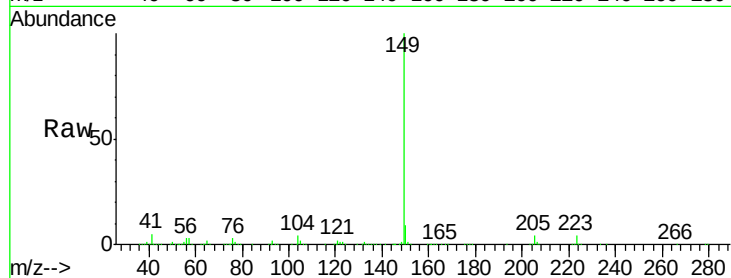
Tot Ion:149 Resp: 1646431

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

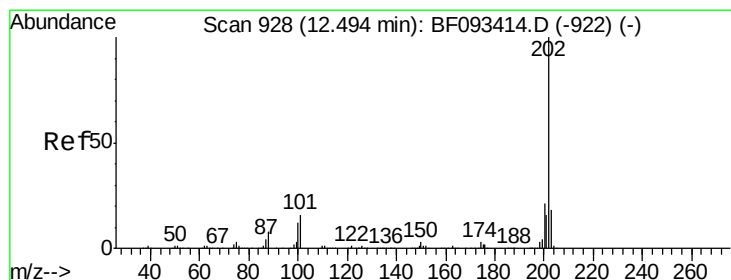
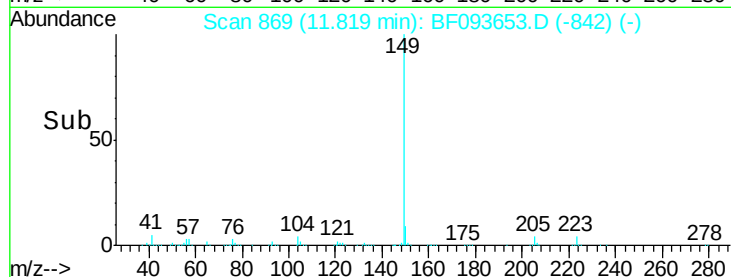
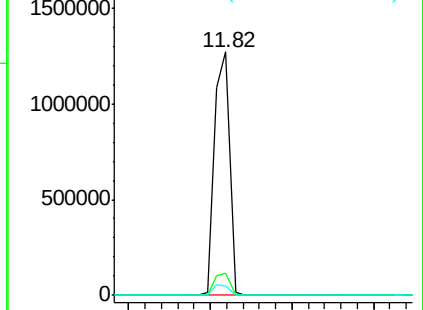
104 3.6 4.6 7.0#



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: 41.35 ng

RT: 12.47 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

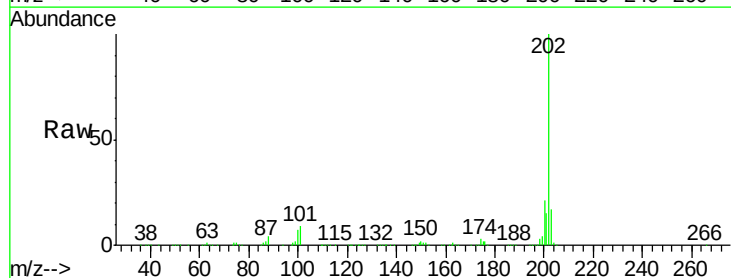
Tgt Ion:202 Resp: 1402048

Ion Ratio Lower Upper

202 100

101 9.1 0.0 34.6

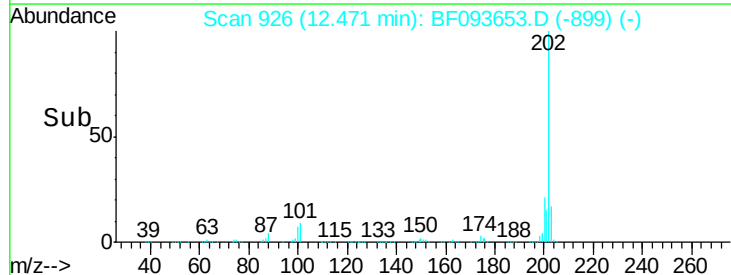
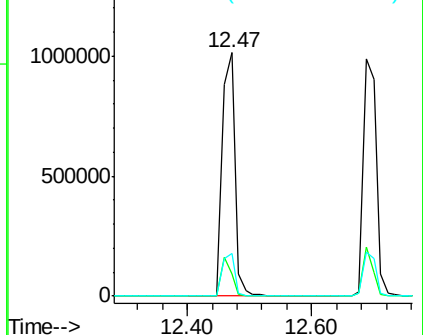
203 17.5 0.0 38.7

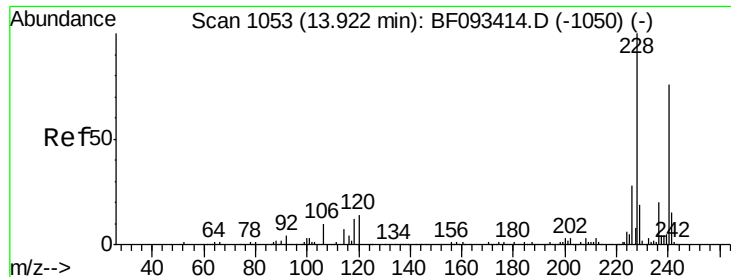


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

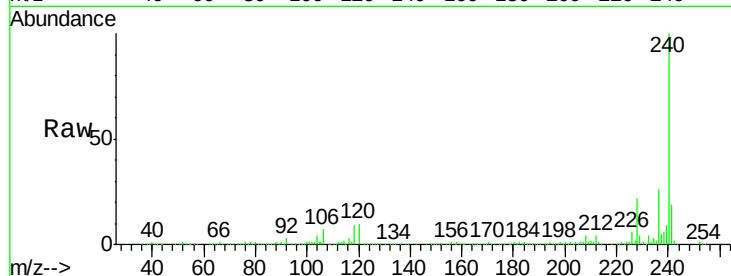
Tot Ion:240 Resp: 446975

Ion Ratio Lower Upper

240 100

120 10.4 12.9 19.3#

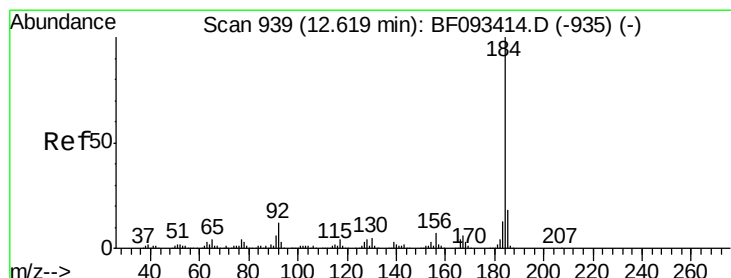
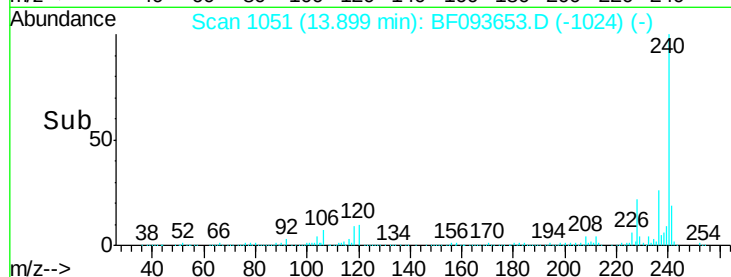
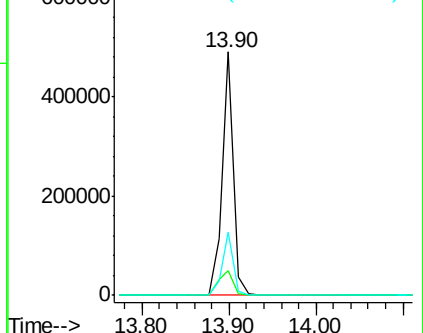
236 26.2 20.9 31.3



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: 24.31 ng

RT: 12.61 min Scan# 938

Delta R.T. 0.02 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

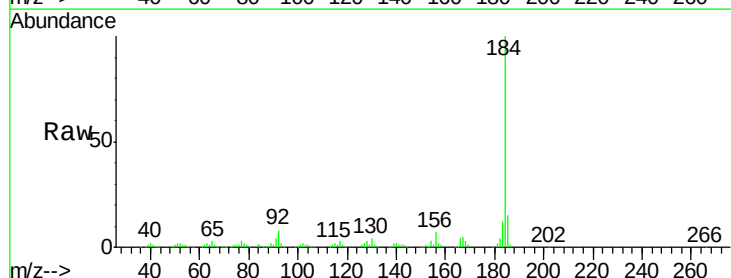
Tgt Ion:184 Resp: 357279

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.0

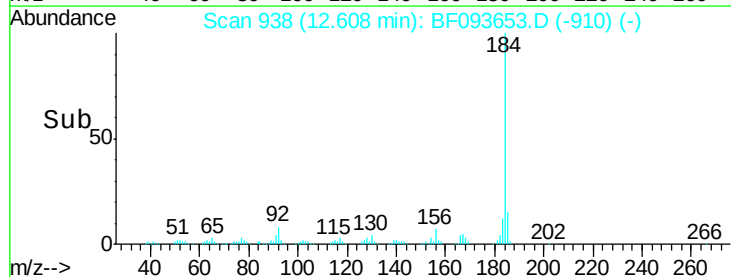
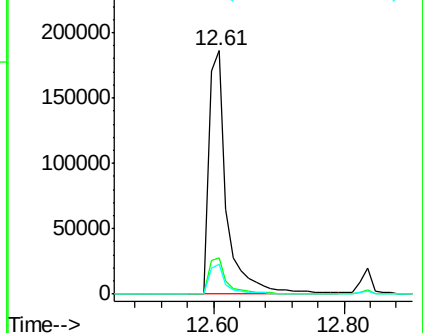
183 12.0 9.2 13.8

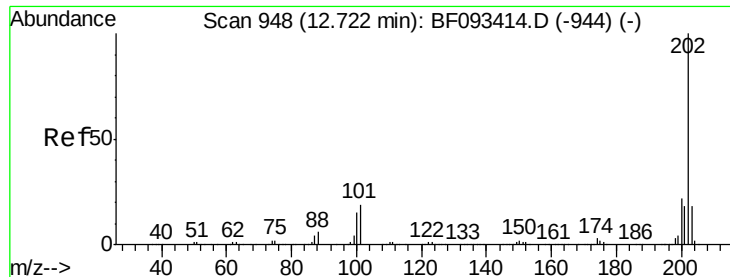


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

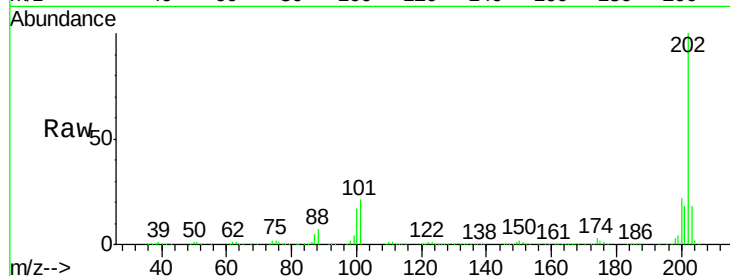




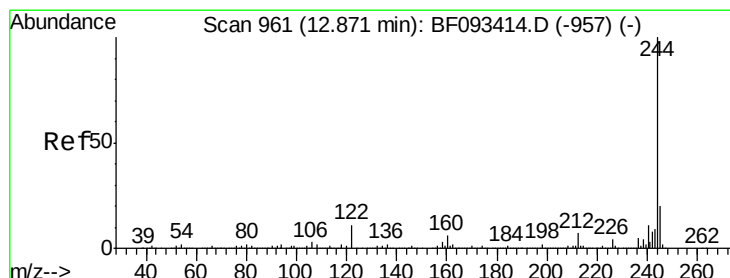
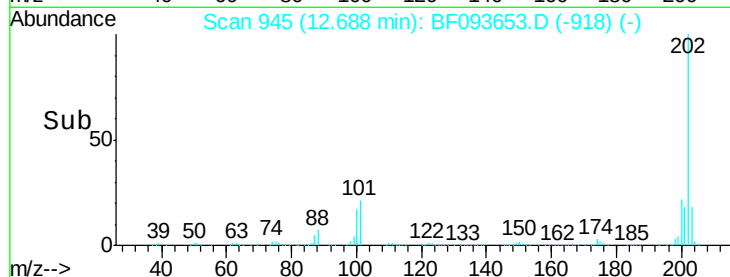
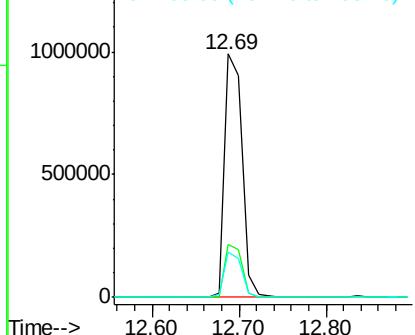
#77
Pvrene
Concen: 42.77 ng
RT: 12.69 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Instrument :
BNA_M
ClientSampleId :
PB97542BS

Tot Ion:202 Resp: 1390272
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 18.4 14.7 22.1

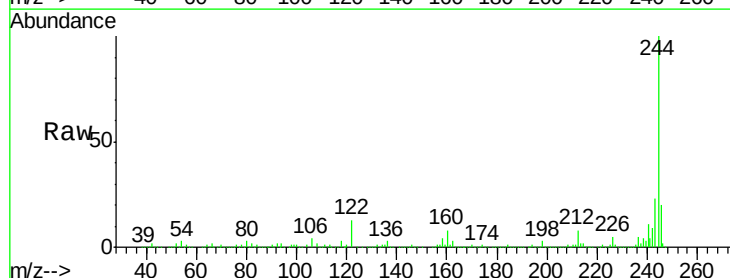


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

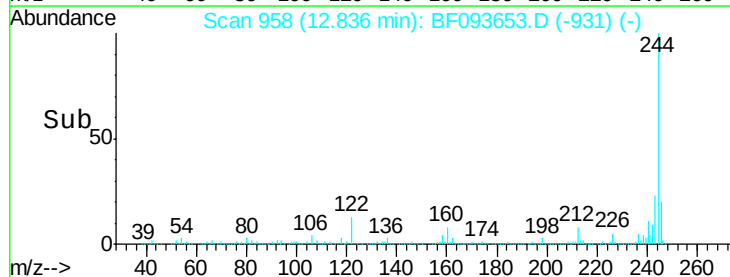
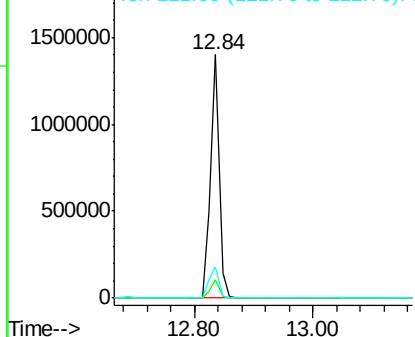


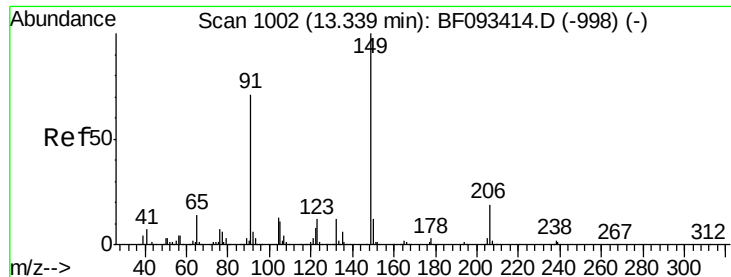
#78
Terphenyl-d14
Concen: 82.66 ng
RT: 12.84 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Tgt Ion:244 Resp: 1421054
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 12.6 11.4 17.2



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

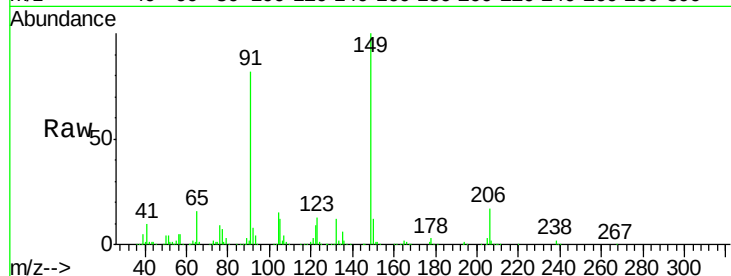




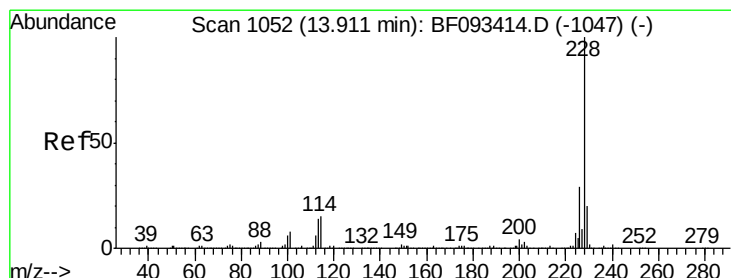
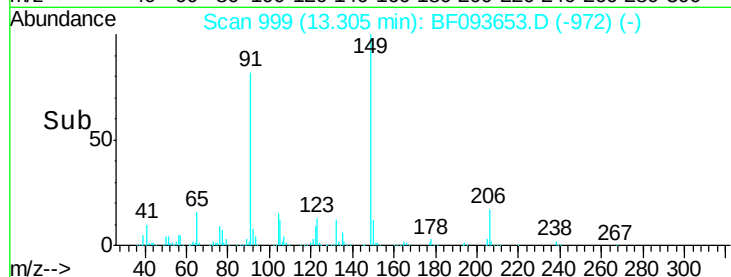
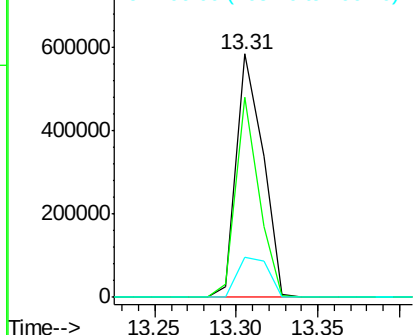
#79
Butylbenzylphthalate
Concen: 47.91 ng
RT: 13.31 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Instrument :
BNA_M
ClientSampleId :
PB97542BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.2	63.9	95.9
206	16.6	14.6	21.8

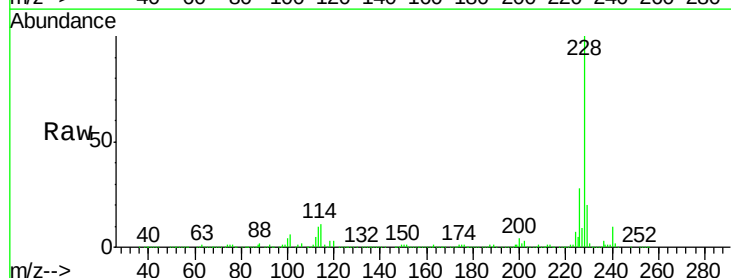


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

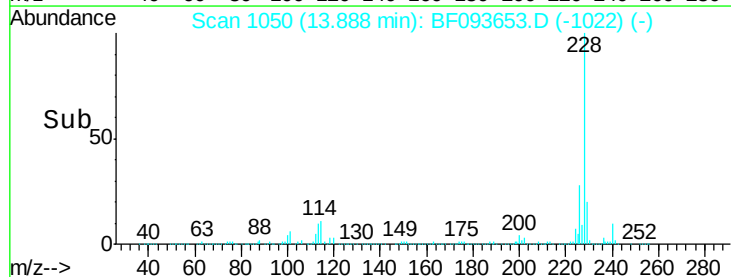
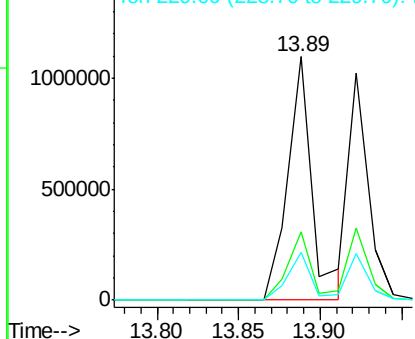


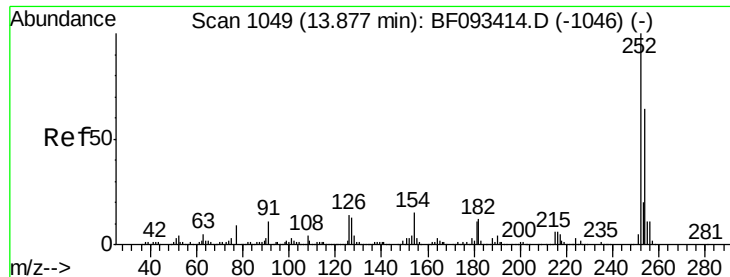
#80
Benzo(a)anthracene
Concen: 43.37 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

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



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





#81

3,3'-Dichlorobenzidine

Concen: 32.81 ng

RT: 13.85 min Scan# 1047

Delta R.T. 0.02 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

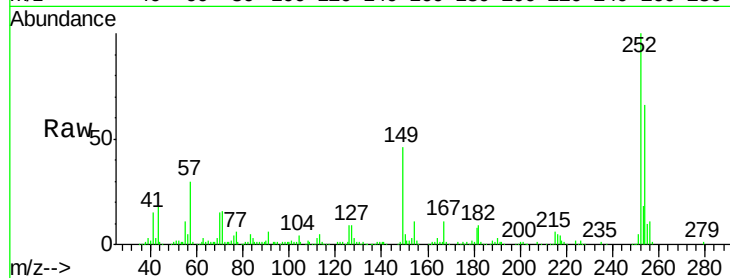
Tot Ion:252 Resp: 303317

Ion Ratio Lower Upper

252 100

254 65.6 52.3 78.5

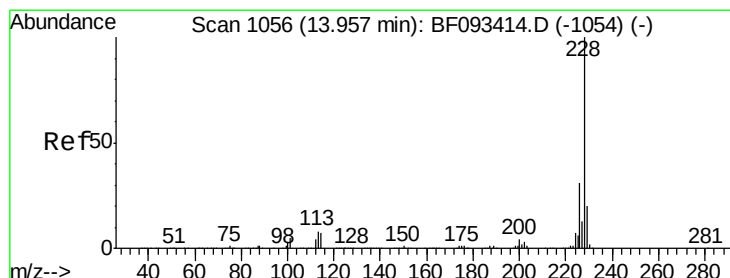
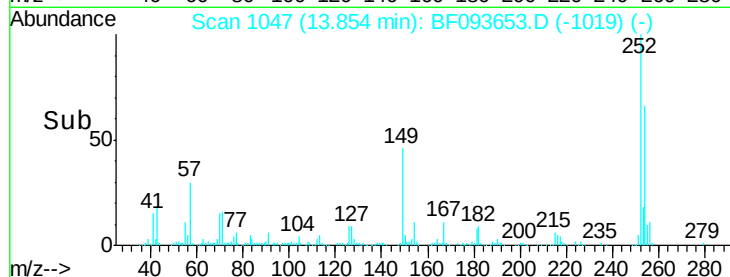
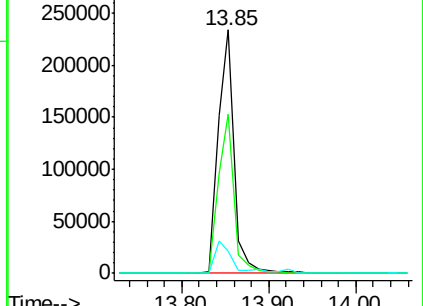
126 8.9 13.6 20.4#



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: 36.87 ng

RT: 13.92 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

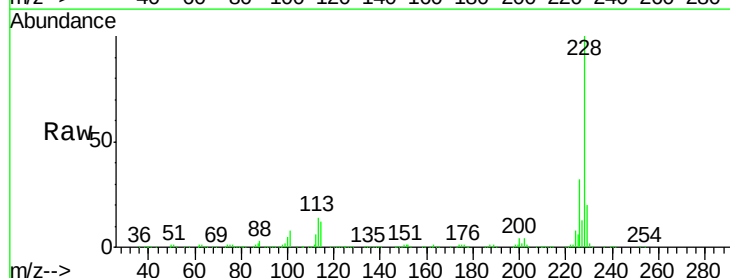
Tgt Ion:228 Resp: 900302

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.0

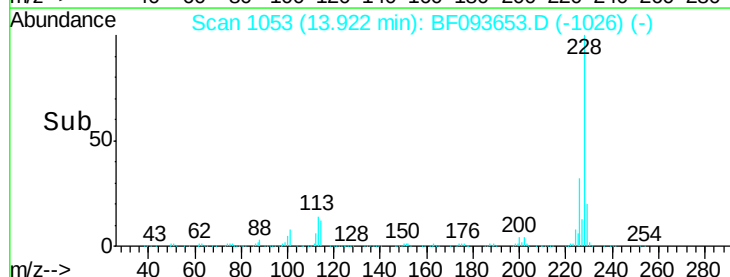
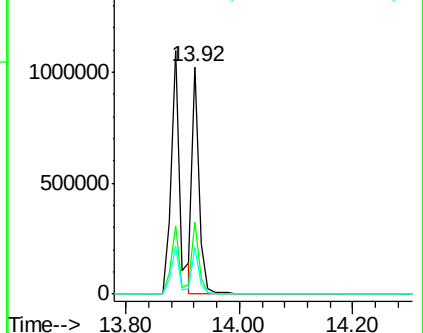
229 20.2 16.2 24.2

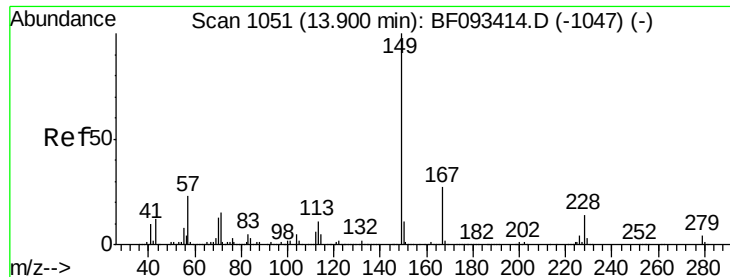


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.89 ng

RT: 13.87 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

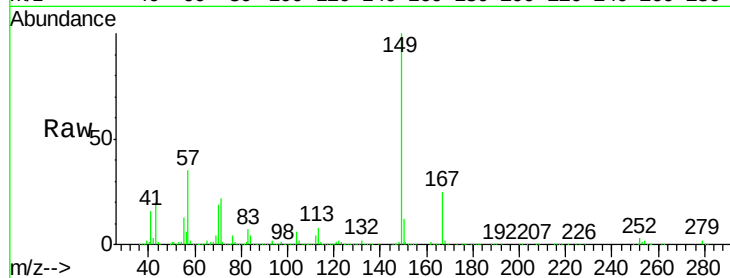
Tot Ion:149 Resp: 894391

Ion Ratio Lower Upper

149 100

167 25.4 20.2 30.4

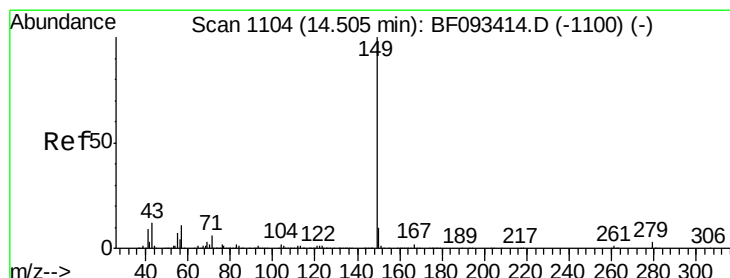
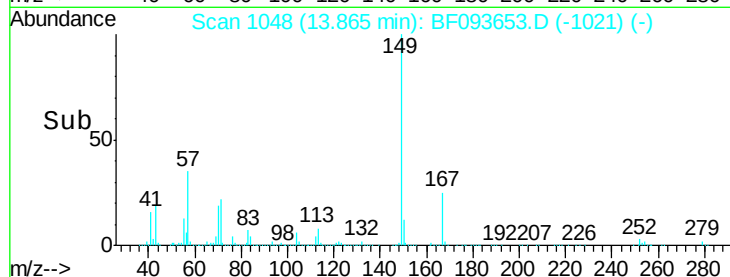
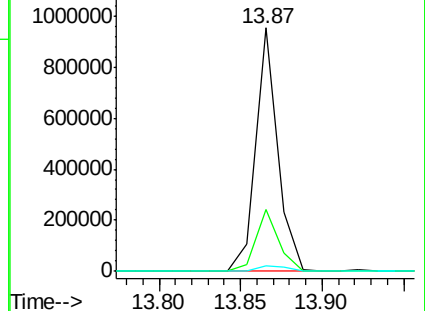
279 2.3 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.31 ng

RT: 14.47 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

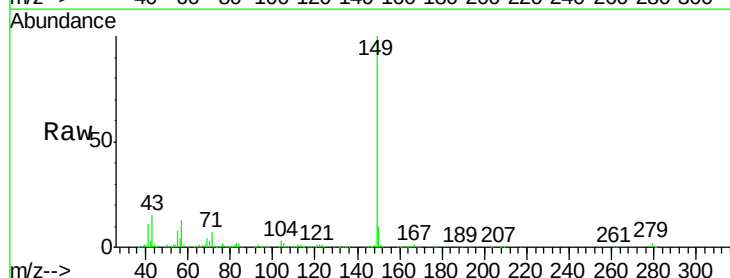
Tgt Ion:149 Resp: 1408759

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

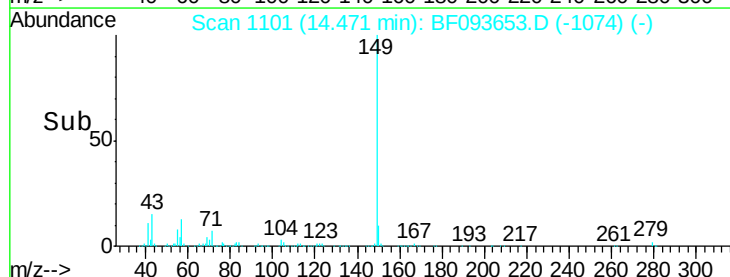
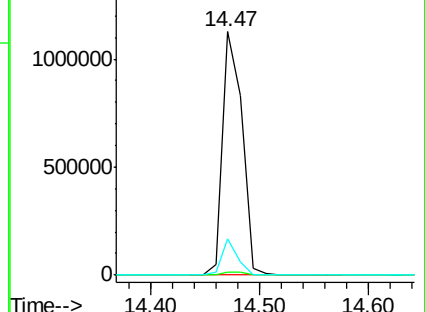
43 12.3 8.9 13.3

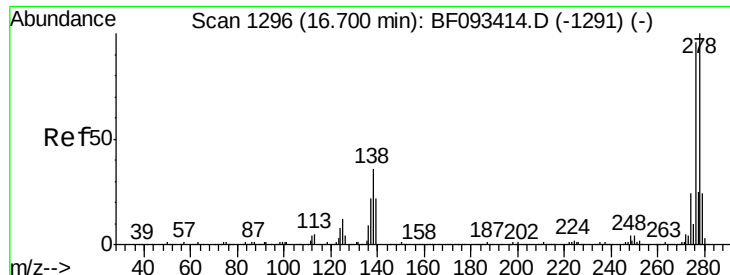


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

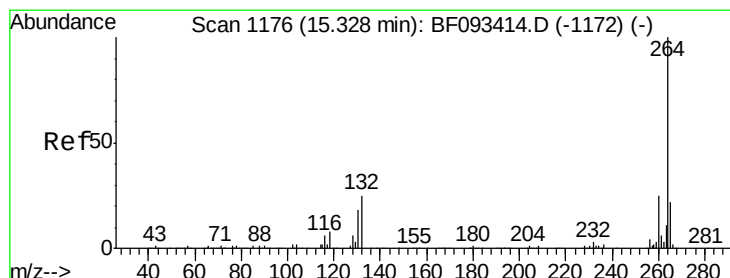
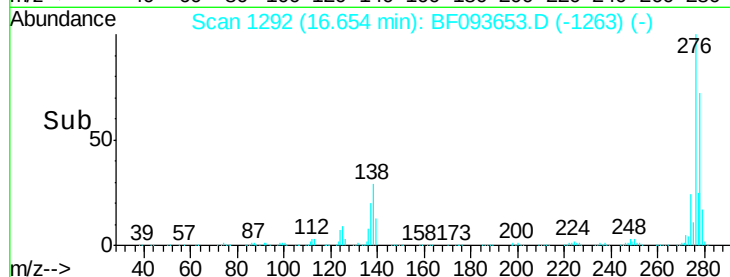
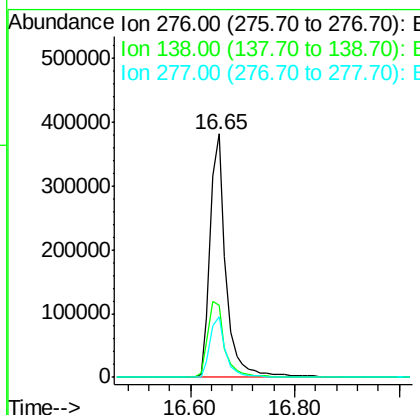
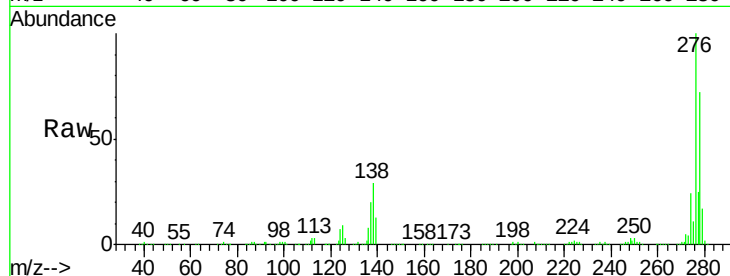




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.30 ng
 RT: 16.65 min Scan# 1292
 Delta R.T. 0.03 min
 Lab File: BF093653.D
 Acq: 14 Mar 2017 12:40

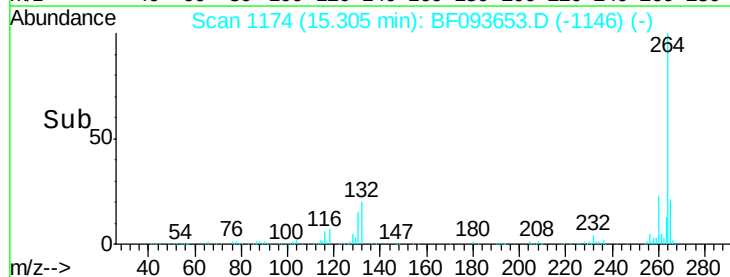
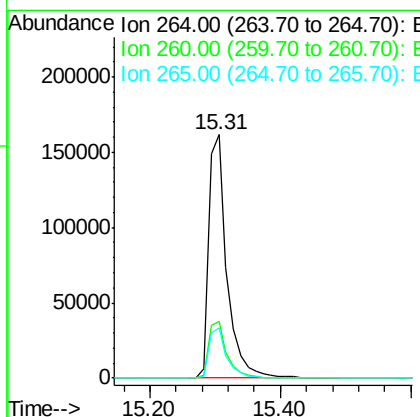
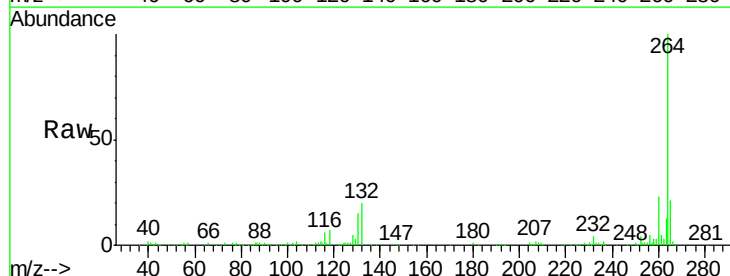
Instrument :
 BNA_M
 ClientSampleID :
 PB97542BS

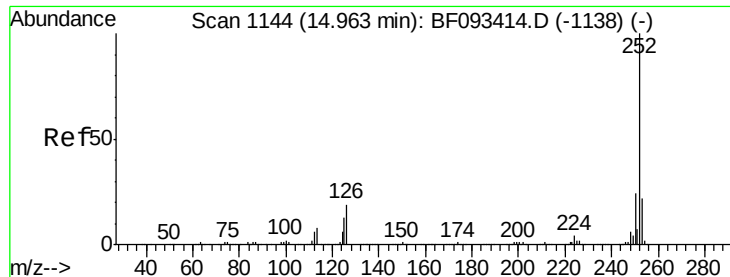
Tot Ion:276 Resp: 803309
 Ion Ratio Lower Upper
 276 100
 138 33.4 21.8 32.6#
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093653.D
 Acq: 14 Mar 2017 12:40

Tgt Ion:264 Resp: 315220
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.8 17.4 26.0

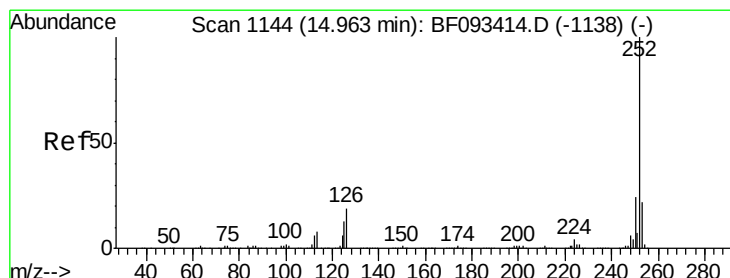
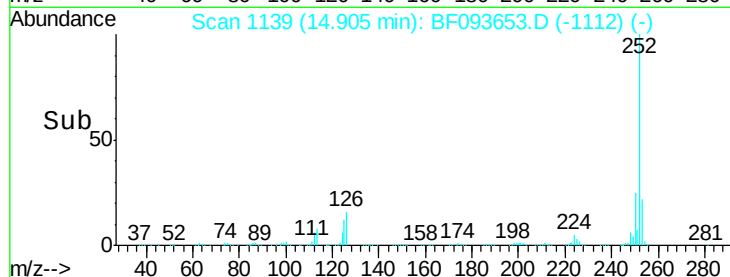
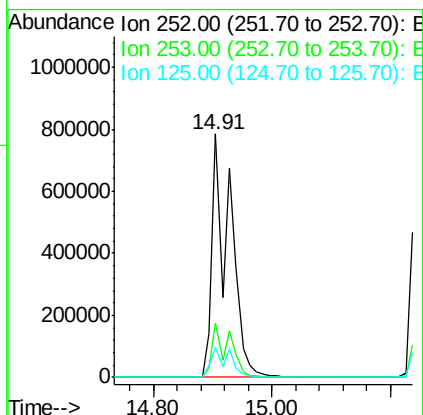
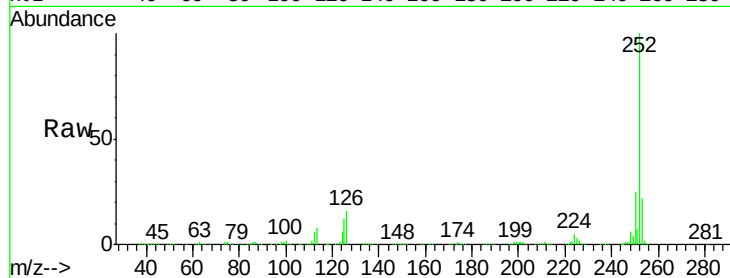




#87
Benzo(b)fluoranthene
Concen: 85.61 ng
RT: 14.91 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

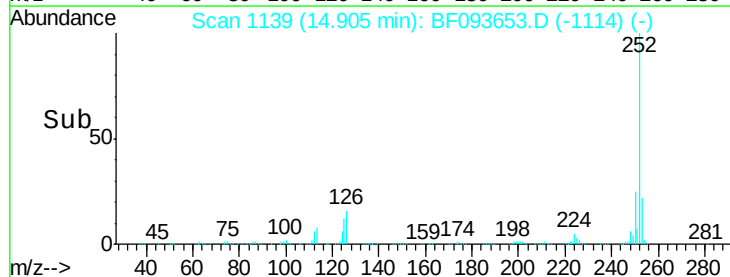
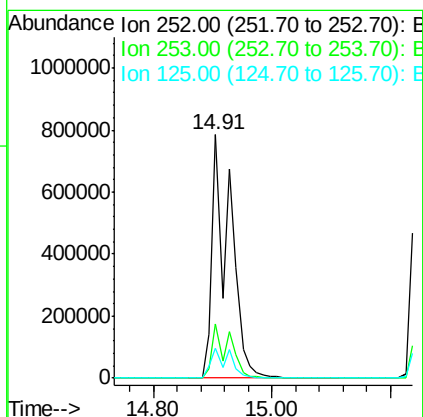
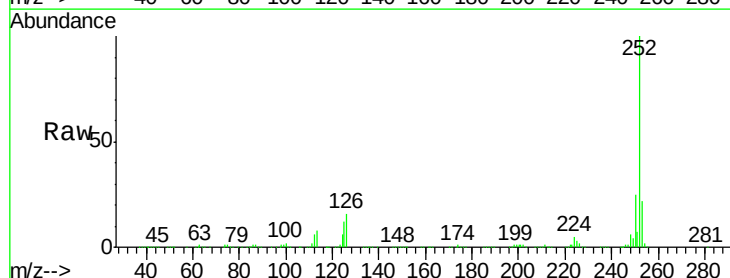
Instrument :
BNA_M
ClientSampleId :
PB97542BS

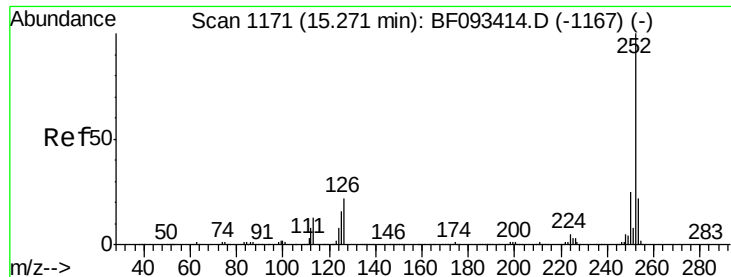
Tot Ion:252 Resp: 1643602
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 12.1 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 88.78 ng
RT: 14.91 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Tgt Ion:252 Resp: 1643602
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 12.1 8.9 13.3

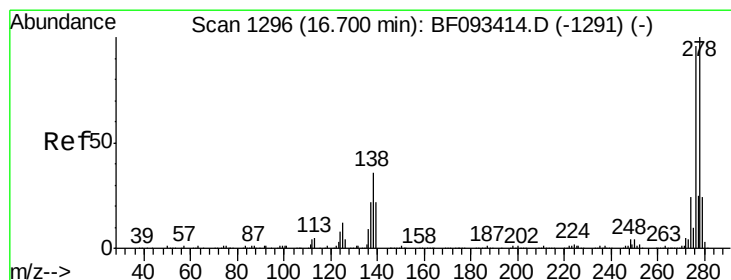
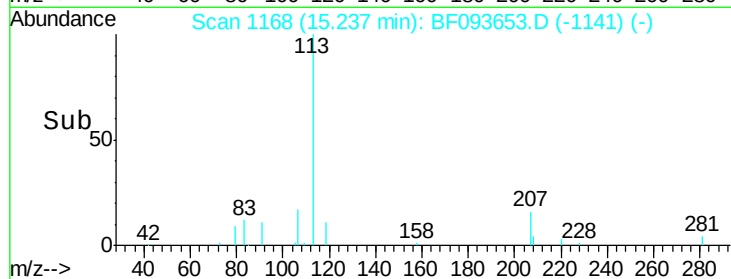
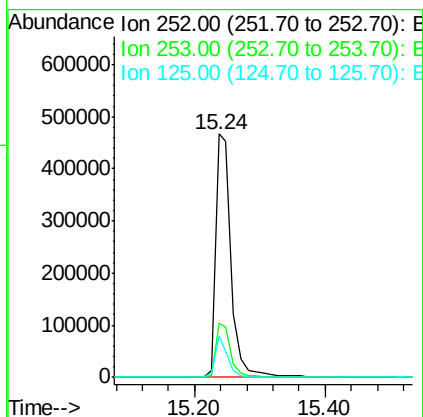
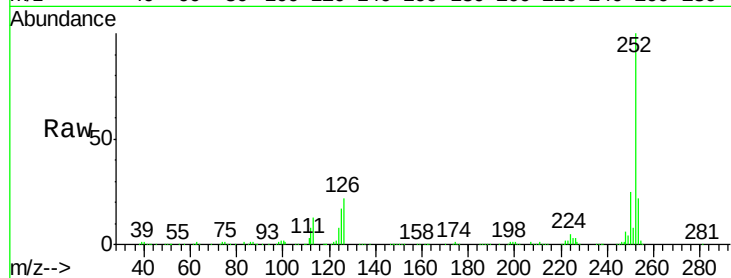




#89
Benzo(a)pyrene
Concen: 44.26 ng
RT: 15.24 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

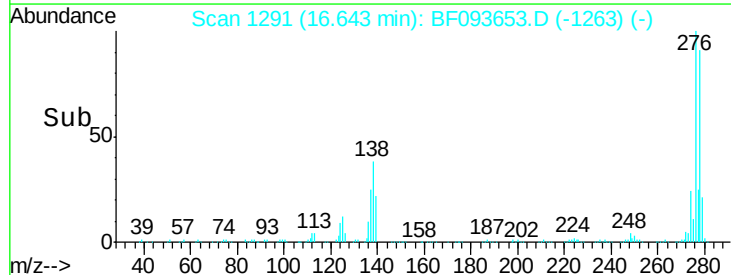
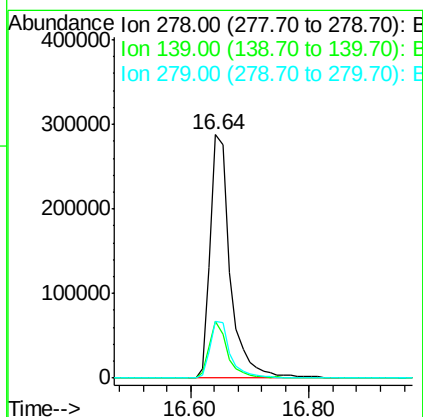
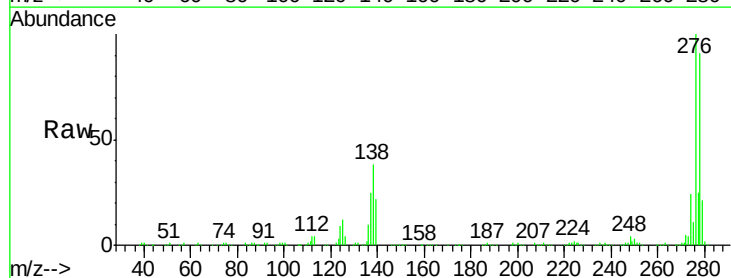
Instrument :
BNA_M
ClientSampleId :
PB97542BS

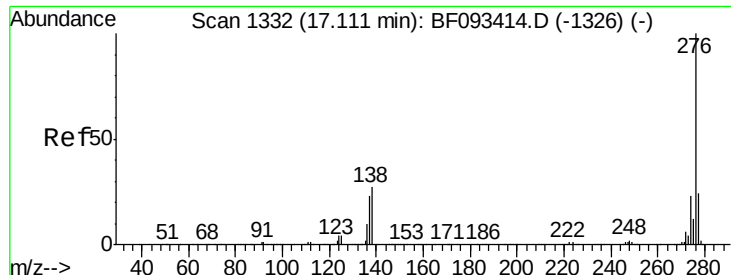
Tot Ion:252 Resp: 776483
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 16.8 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 46.81 ng
RT: 16.64 min Scan# 1291
Delta R.T. 0.02 min
Lab File: BF093653.D
Acq: 14 Mar 2017 12:40

Tgt Ion:278 Resp: 679400
Ion Ratio Lower Upper
278 100
139 23.6 14.8 22.2#
279 23.5 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 49.04 ng

RT: 17.05 min Scan# 1327

Delta R.T. 0.03 min

Lab File: BF093653.D

Acq: 14 Mar 2017 12:40

Instrument :

BNA_M

ClientSampleId :

PB97542BS

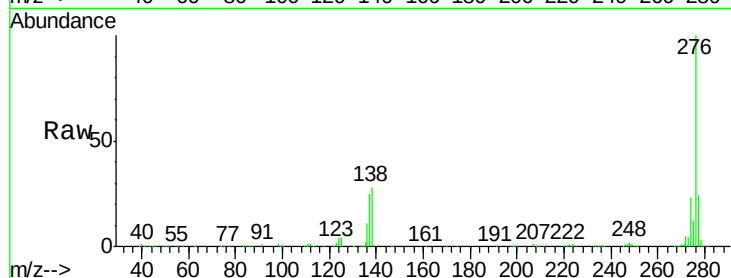
Tot Ion:276 Resp: 730632

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 28.1 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

