

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
 Data File : BF093655.D
 Acq On : 14 Mar 2017 13:36
 Operator : SJ/MA
 Sample : PB97559BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97558BS

Quant Time: Mar 15 02:32:19 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	174013	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	785768	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	360475	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	648896	20.00	ng	0.00
75) Chrysene-d12	13.90	240	501680	20.00	ng	0.01
86) Perylene-d12	15.31	264	353232	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1062375	101.61	ng	-0.01
7) Phenol-d6	6.37	99	1232514	93.48	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1176612	83.08	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	219276	93.37	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1830771	94.47	ng	0.00
78) Terphenyl-d14	12.84	244	1359445	70.45	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	226327	39.30	ng	# 82
3) Pyridine	2.94	79	532678	36.28	ng	# 77
4) n-Nitrosodimethylamine	2.93	42	316902	45.19	ng	# 85
6) Aniline	6.40	93	217509	12.02	ng	# 82
8) 2-Chlorophenol	6.49	128	530405	45.28	ng	# 86
9) Benzaldehyde	6.26	77	313834	38.21	ng	# 98
10) Phenol	6.38	94	752912	46.60	ng	# 81
11) bis(2-Chloroethyl)ether	6.45	93	540142	41.36	ng	# 91
12) 1,3-Dichlorobenzene	6.88	146	489359	36.50	ng	# 95
13) 1,4-Dichlorobenzene	6.72	146	580937	42.32	ng	# 98
14) 1,2-Dichlorobenzene	6.88	146	513815	42.26	ng	# 96
15) Benzyl Alcohol	6.88	79	375739	39.98	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	900674	41.52	ng	# 47
17) 2-Methylphenol	7.00	107	430682	43.47	ng	# 87
18) Hexachloroethane	7.21	117	204447	44.16	ng	# 98
19) n-Nitroso-di-n-propylamine	7.14	70	416126	45.91	ng	# 96
20) 3+4-Methylphenols	7.16	107	656897	51.12	ng	# 71
22) Acetophenone	7.13	105	733825	38.81	ng	# 97
24) Nitrobenzene	7.30	77	606283	38.09	ng	# 98
25) Isophorone	7.54	82	1103322	38.63	ng	# 93
26) 2-Nitrophenol	7.62	139	292571	40.29	ng	# 90
27) 2,4-Dimethylphenol	7.68	122	476725	40.35	ng	# 96
28) bis(2-Chloroethoxy)methane	7.76	93	739591	41.02	ng	# 100
29) 2,4-Dichlorophenol	7.89	162	465372	41.87	ng	# 93
30) 1,2,4-Trichlorobenzene	7.94	180	449221	38.01	ng	# 95
31) Naphthalene	8.02	128	1514129	38.45	ng	# 99
32) Benzoic acid	7.85	122	247876	40.38	ng	# 95
33) 4-Chloroaniline	8.15	127	64310	4.02	ng	# 100
34) Hexachlorobutadiene	8.14	225	241612	39.69	ng	# 98
35) Caprolactam	8.48	113	96952	25.54	ng	# 46
36) 4-Chloro-3-methylphenol	8.61	107	486507	41.01	ng	# 95
37) 2-Methylnaphthalene	8.72	142	988284	39.45	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	426151	43.29	ng	# 98
40) Hexachlorocyclopentadiene	8.86	237	222719	88.21	ng	# 95

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

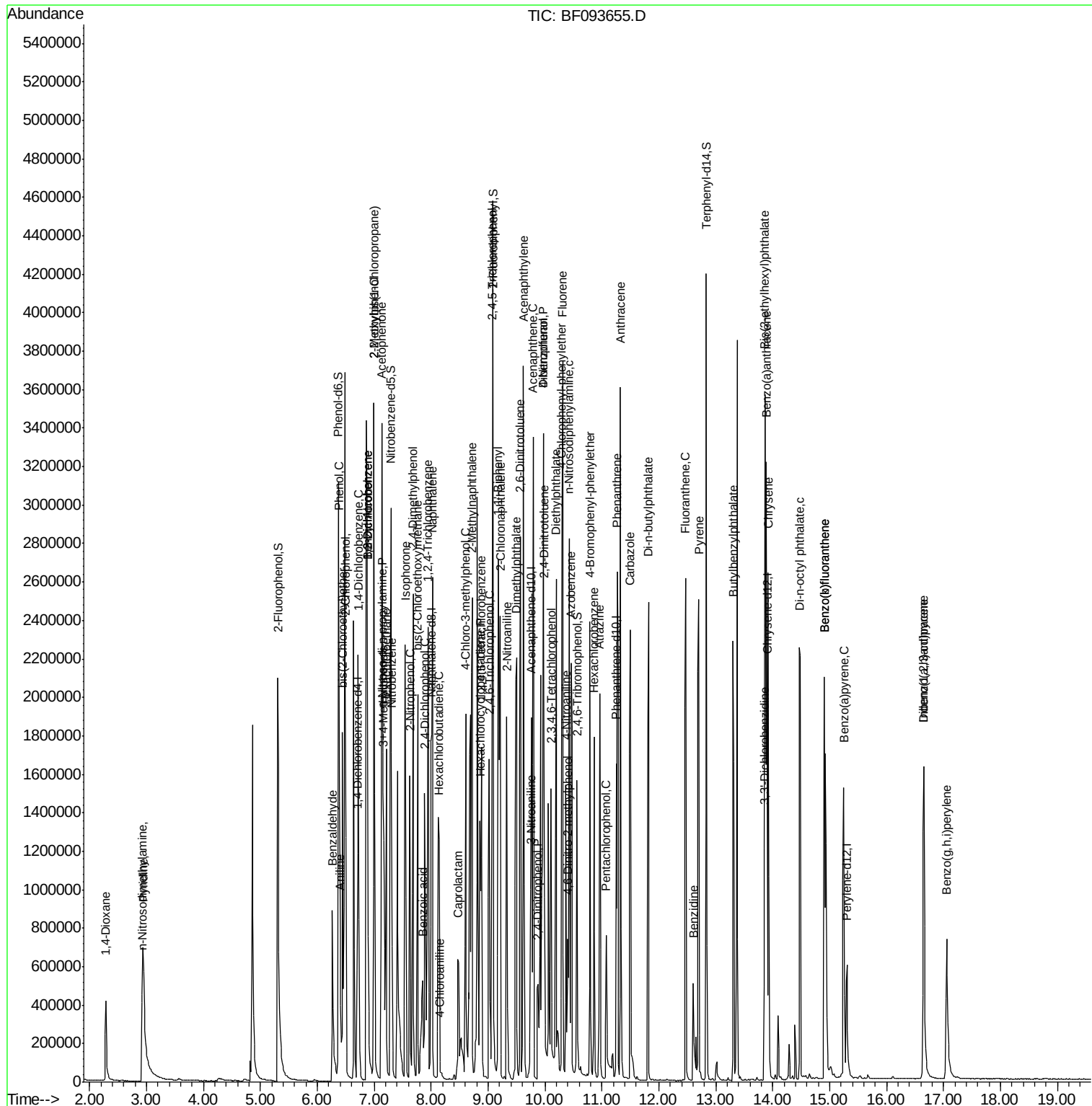
42) 2,4,6-Trichlorophenol	9.02	196	288782	46.96	nq	94
43) 2,4,5-Trichlorophenol	9.08	196	237243	35.95	nq	# 89
45) 1,1'-Biphenyl	9.18	154	1150715	43.82	nq	96
46) 2-Chloronaphthalene	9.21	162	952485	47.39	nq	98
47) 2-Nitroaniline	9.33	65	348028	48.98	nq	98
48) Acenaphthylene	9.62	152	1465591	44.21	nq	98
49) Dimethylphthalate	9.50	163	1105204	46.25	nq	100
50) 2,6-Dinitrotoluene	9.57	165	236936	45.18	nq	# 63
51) Acenaphthene	9.80	154	876000	44.69	nq	96
52) 3-Nitroaniline	9.75	138	88918	14.11	nq	# 95
53) 2,4-Dinitrophenol	9.88	184	118845	49.77	nq	# 68
54) Dibenzofuran	9.97	168	1188103	48.42	nq	97
55) 4-Nitrophenol	9.97	139	754272	246.50	nq	# 13
56) 2,4-Dinitrotoluene	9.98	165	316686	49.16	nq	# 73
57) Fluorene	10.31	166	899213	43.25	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	232925	50.02	nq	98
59) Diethylphthalate	10.20	149	1108508	48.53	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	412907	44.31	nq	96
61) 4-Nitroaniline	10.37	138	237117	36.80	nq	98
62) Azobenzene	10.46	77	1326247	51.10	nq	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	136885	32.56	nq	# 79
65) n-Nitrosodiphenylamine	10.42	169	823765	38.02	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	255726	37.27	nq	97
67) Hexachlorobenzene	10.86	284	243795	37.21	nq	# 69
68) Atrazine	10.96	200	238791	37.65	nq	99
69) Pentachlorophenol	11.08	266	123912	54.77	nq	97
70) Phenanthrene	11.27	178	1407925	38.01	nq	99
71) Anthracene	11.33	178	1405644	37.52	nq	99
72) Carbazole	11.50	167	1349160	38.33	nq	98
73) Di-n-butylphthalate	11.82	149	1708318	41.95	nq	# 96
74) Fluoranthene	12.47	202	1433925	40.08	nq	94
76) Benzidine	12.61	184	367235	22.26	nq	97
77) Pyrene	12.70	202	1444783	39.60	nq	99
79) Butylbenzylphthalate	13.31	149	700032	45.58	nq	92
80) Benzo(a)anthracene	13.89	228	1098480	37.08	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	231593	22.32	nq	# 96
82) Chrysene	13.92	228	986199	35.98	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	915432	42.76	nq	100
84) Di-n-octyl phthalate	14.48	149	1564833	43.86	nq	97
85) Indeno(1,2,3-cd)pyrene	16.65	276	759858	33.12	nq	# 93
87) Benzo(b)fluoranthene	14.91	252	1751620	81.42	nq	98
88) Benzo(k)fluoranthene	14.91	252	1752611	84.48	nq	# 96
89) Benzo(a)pyrene	15.25	252	826327	42.03	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	638521	39.26	nq	97
91) Benzo(g,h,i)perylene	17.05	276	668622	40.05	nq	# 92

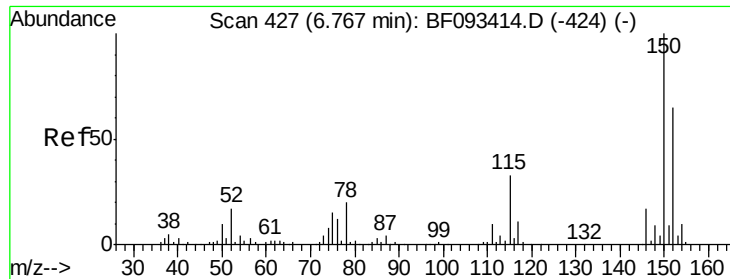
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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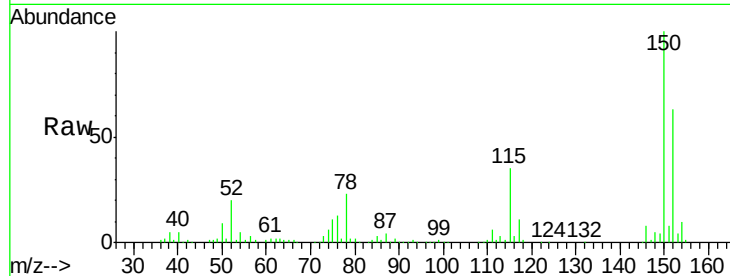


#1

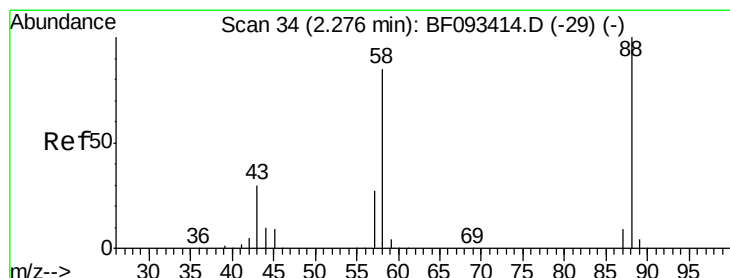
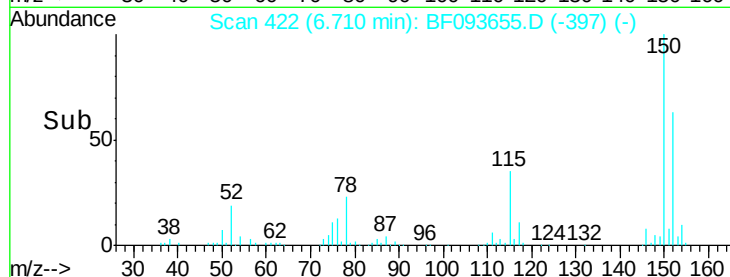
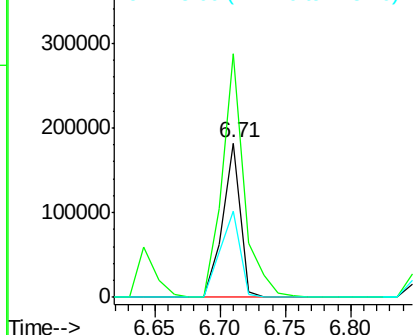
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Instrument :
BNA_M
ClientSampleId :
PB97558BS

Tot Ion:152 Resp: 174013
Ion Ratio Lower Upper
152 100
150 158.0 124.9 187.3
115 55.9 46.0 69.0



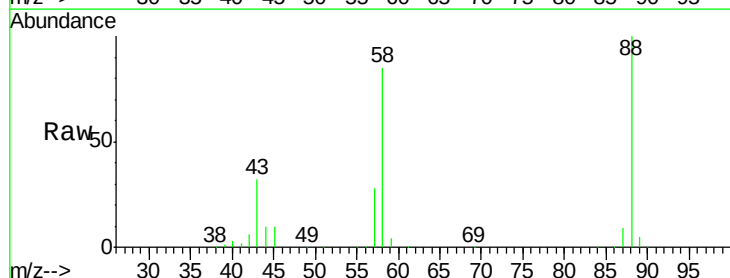
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



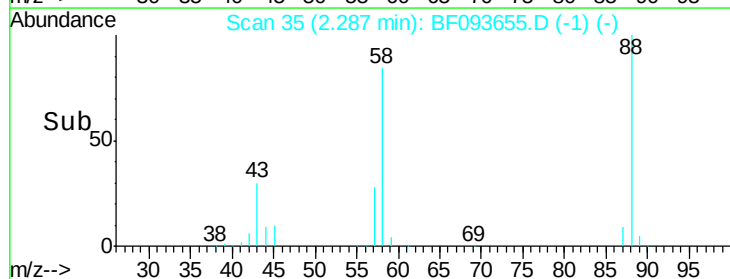
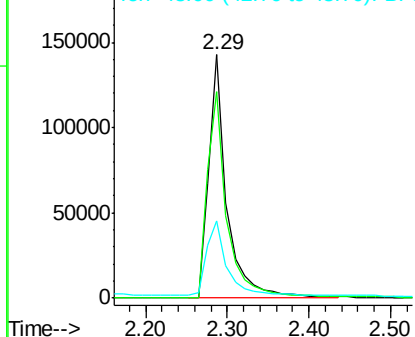
#2

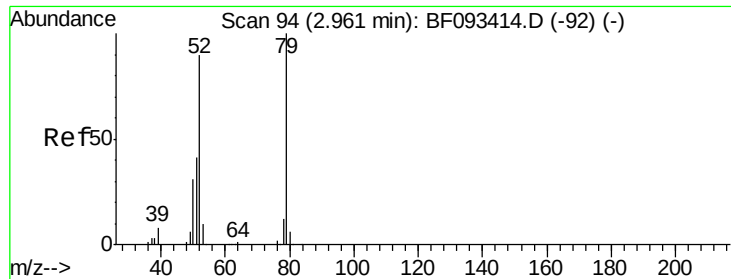
1,4-Dioxane
Concen: 39.30 ng
RT: 2.29 min Scan# 35
Delta R.T. 0.10 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Tgt Ion: 88 Resp: 226327
Ion Ratio Lower Upper
88 100
58 89.8 57.8 86.8#
43 34.0 22.3 33.5#



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





#3

Pvridine

Concen: 36.28 ng

RT: 2.94 min Scan# 92

Delta R.T. 0.08 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

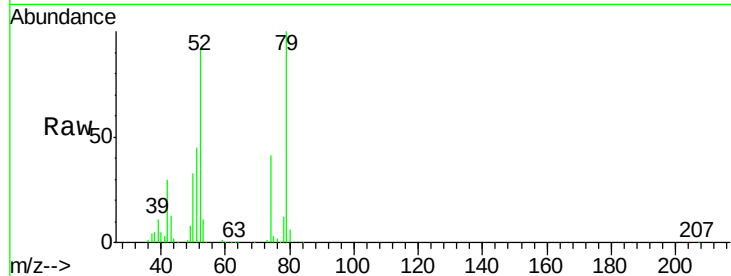
Tot Ion: 79 Resp: 532678

Ion Ratio Lower Upper

79 100

52 91.8 57.1 85.7#

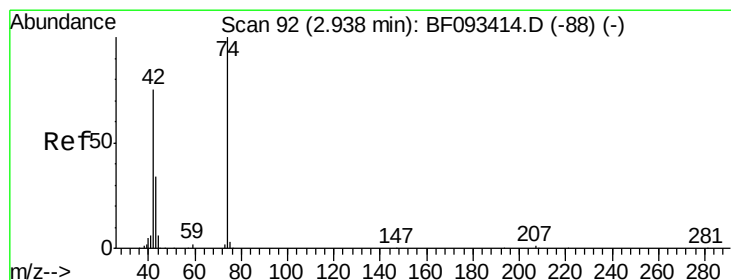
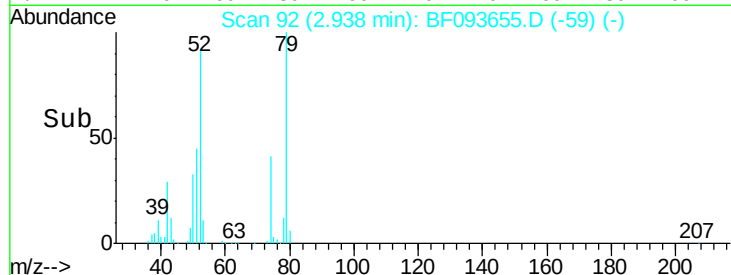
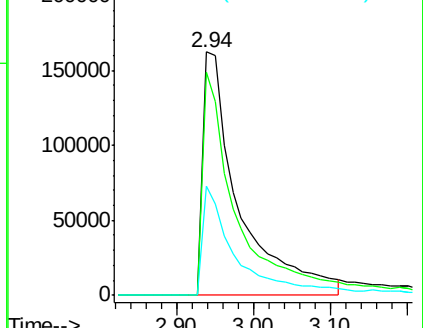
51 45.1 27.3 40.9#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 45.19 ng

RT: 2.93 min Scan# 91

Delta R.T. 0.09 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

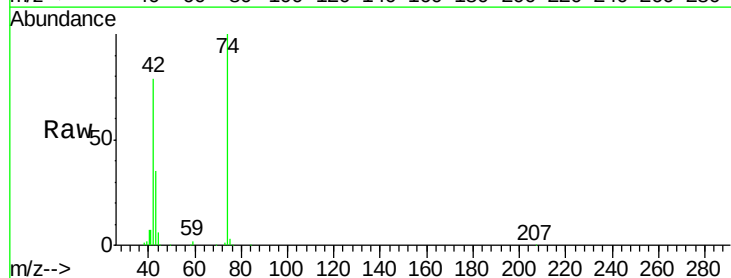
Tgt Ion: 42 Resp: 316902

Ion Ratio Lower Upper

42 100

74 127.0 117.0 175.4

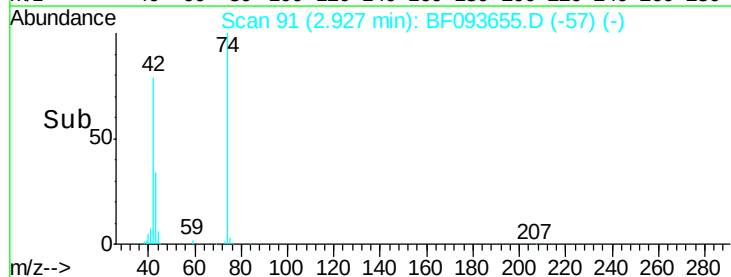
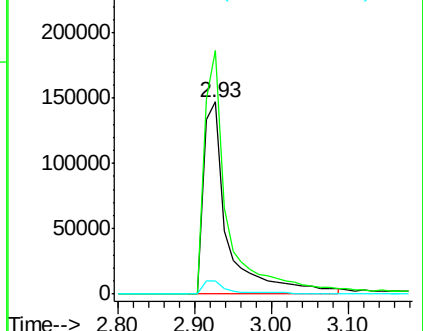
44 7.2 5.5 8.3

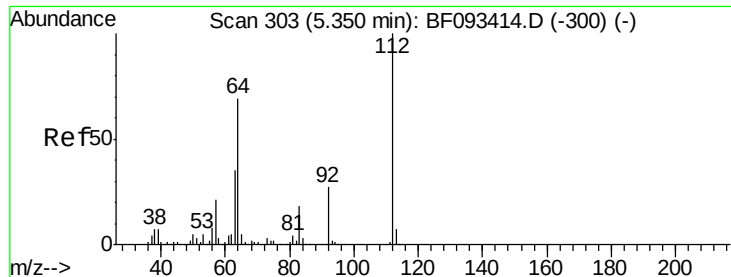


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 101.61 ng

RT: 5.30 min Scan# 299

Delta R.T. -0.01 min

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Acq: 14 Mar 2017 13:36

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ClientSampleId :

PB97558BS

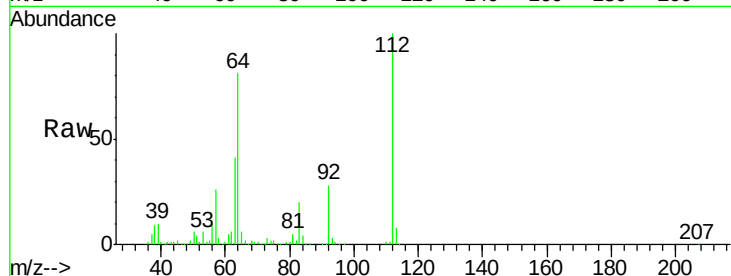
Tot Ion:112 Resp: 1062375

Ion Ratio Lower Upper

112 100

64 80.7 46.1 69.1#

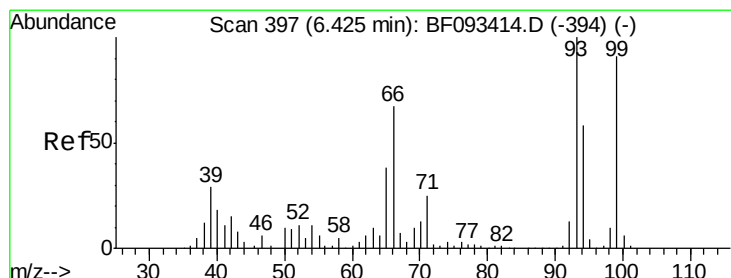
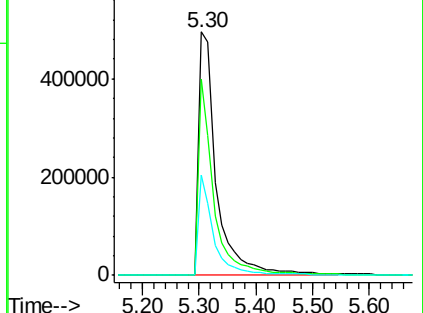
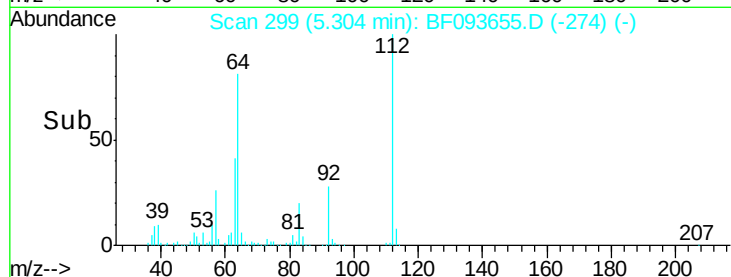
63 41.1 23.8 35.6#



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: 12.02 ng

RT: 6.40 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

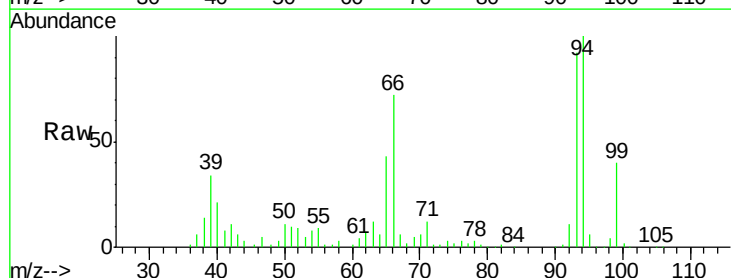
Tgt Ion: 93 Resp: 217509

Ion Ratio Lower Upper

93 100

66 78.4 76.2 114.2

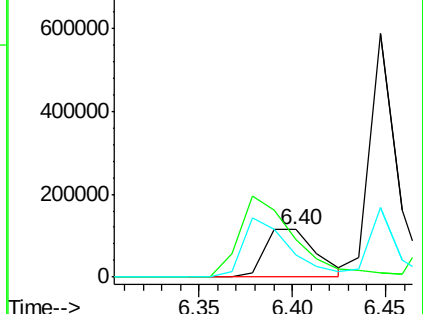
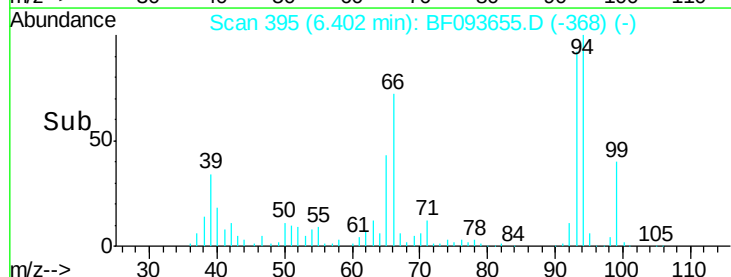
65 46.8 49.3 73.9#

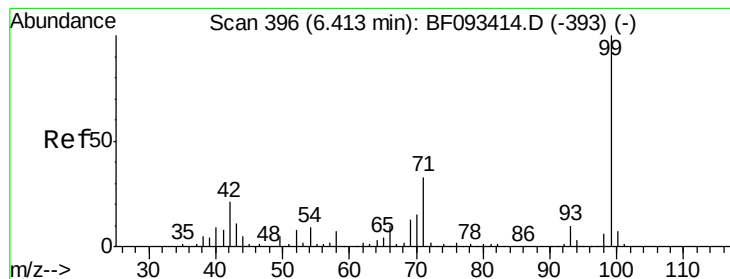


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 93.48 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

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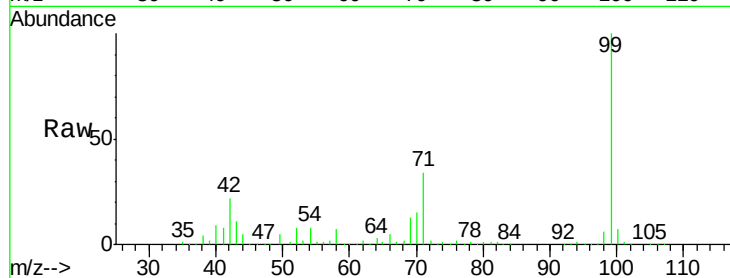
Tot Ion: 99 Resp: 1232514

Ion Ratio Lower Upper

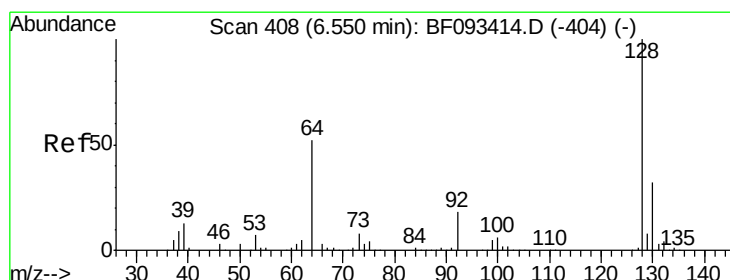
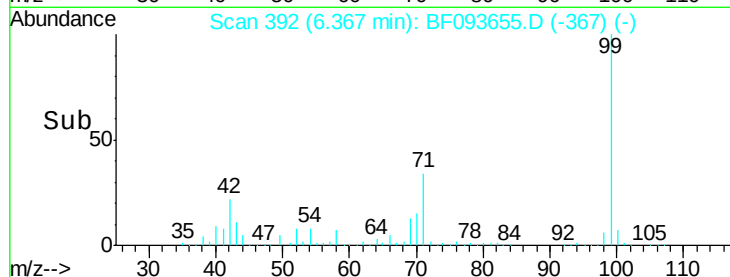
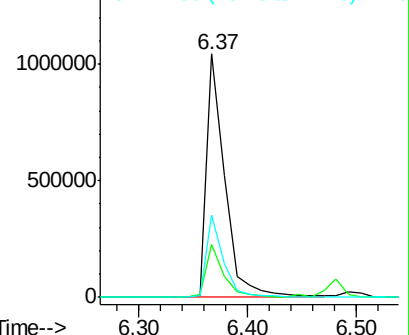
99 100

42 21.6 15.6 23.4

71 33.8 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: 45.28 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

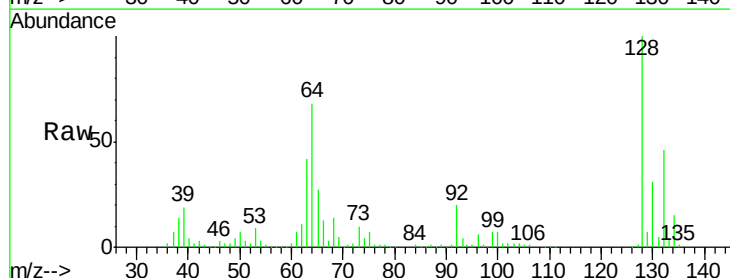
Tgt Ion: 128 Resp: 530405

Ion Ratio Lower Upper

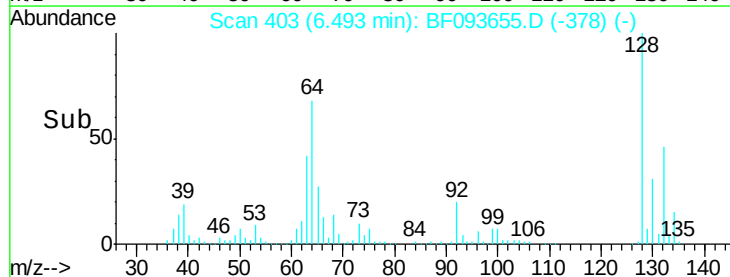
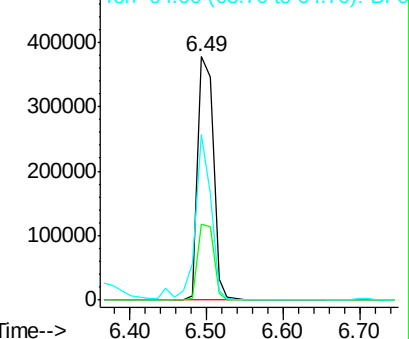
128 100

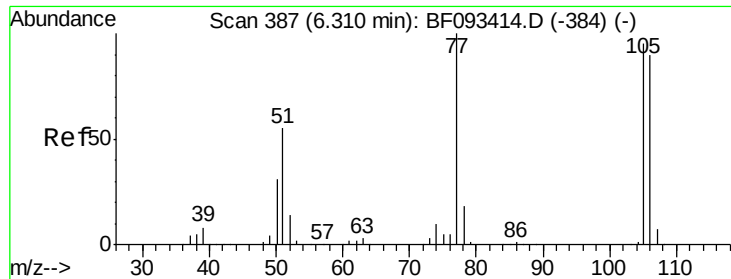
130 31.4 12.3 52.3

64 68.0 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: 38.21 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

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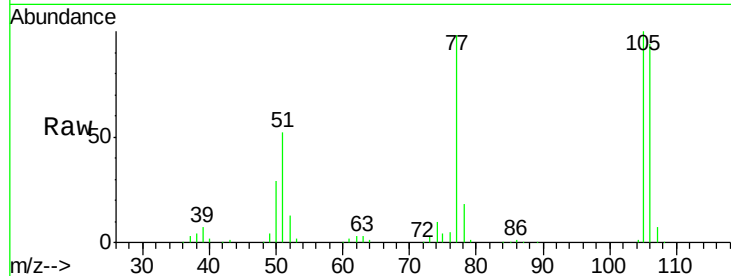
Tot Ion: 77 Resp: 313834

Ion Ratio Lower Upper

77 100

105 102.1 83.9 123.9

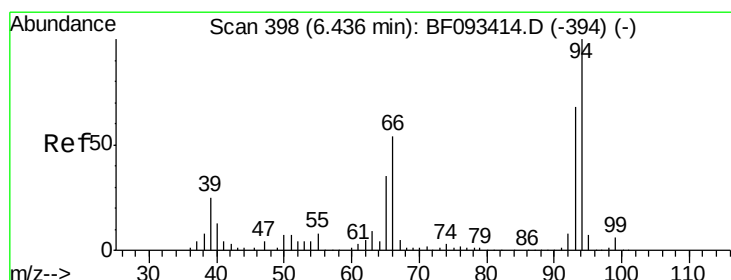
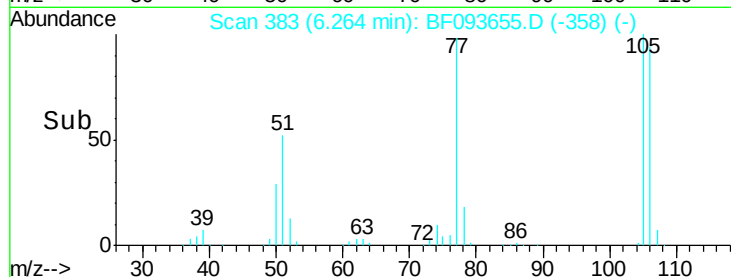
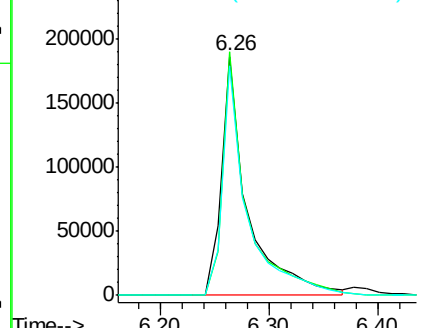
106 96.0 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.60 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

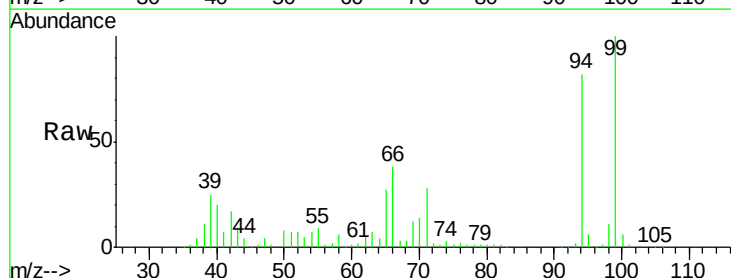
Tgt Ion: 94 Resp: 752912

Ion Ratio Lower Upper

94 100

65 33.1 21.4 61.4

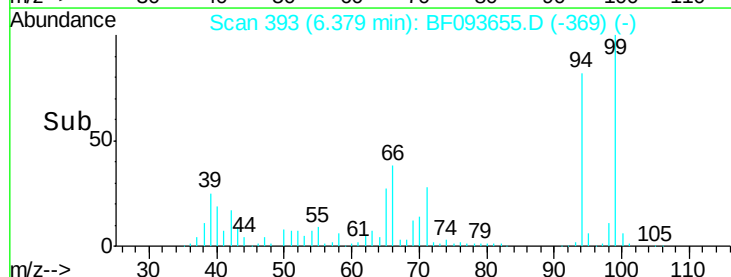
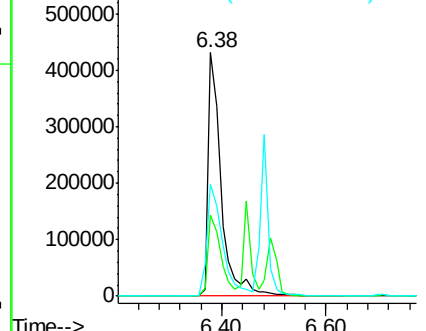
66 45.7 44.0 84.0

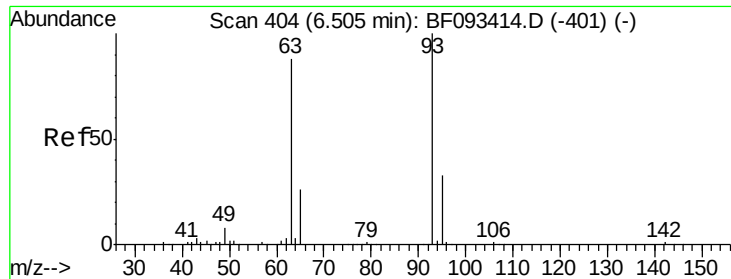


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

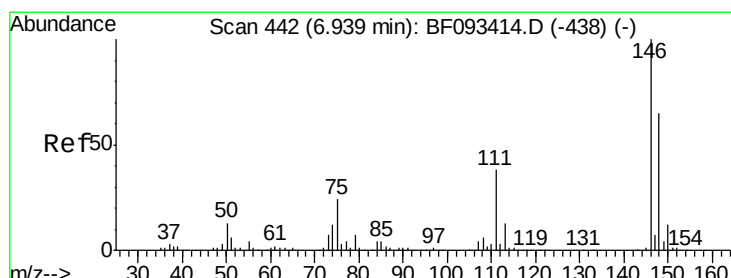
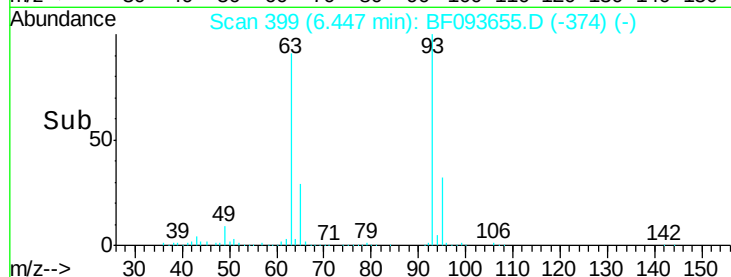
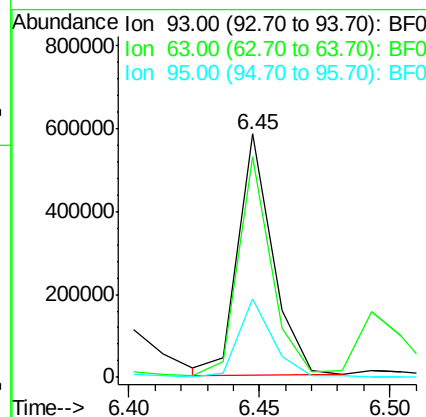
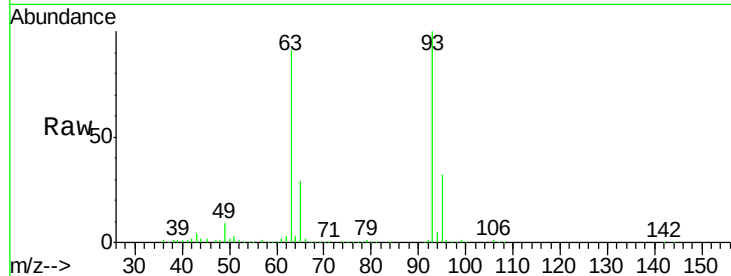




#11
bis(2-Chloroethyl)ether
Concen: 41.36 ng
RT: 6.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

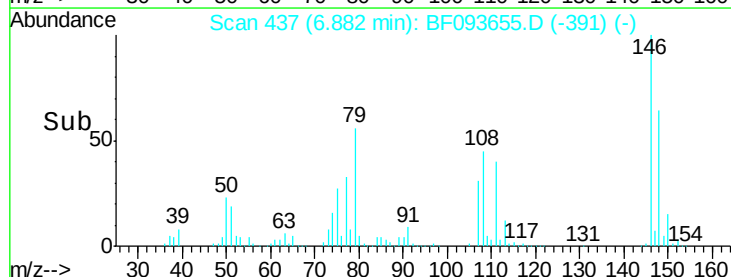
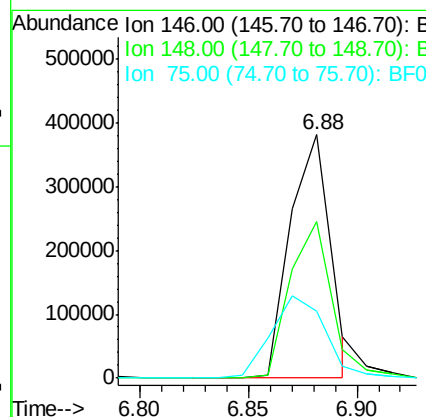
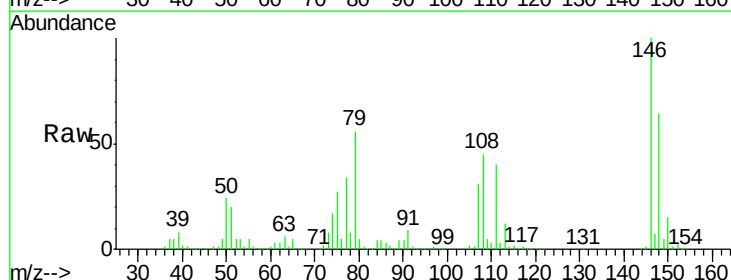
Instrument :
BNA_M
ClientSampleId :
PB97558BS

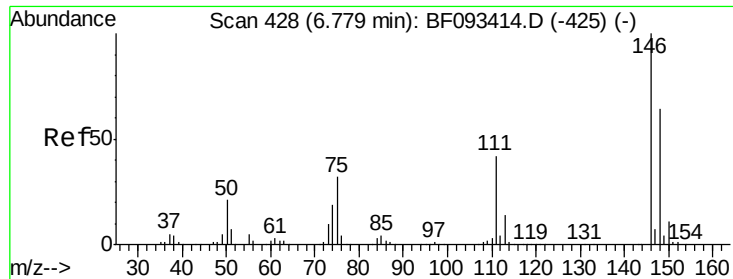
Tot Ion: 93 Resp: 540142
Ion Ratio Lower Upper
93 100
63 90.5 60.4 100.4
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 36.50 ng
RT: 6.88 min Scan# 437
Delta R.T. 0.23 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Tgt Ion: 146 Resp: 489359
Ion Ratio Lower Upper
146 100
148 64.2 53.4 80.0
75 27.4 18.5 27.7

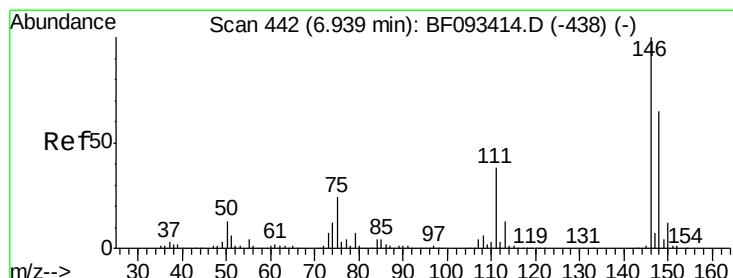
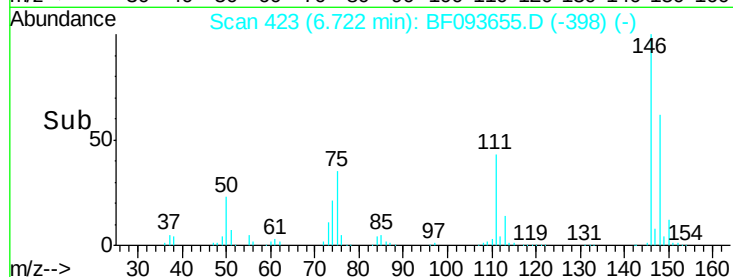
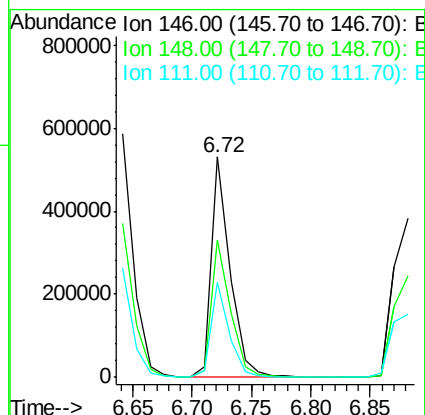
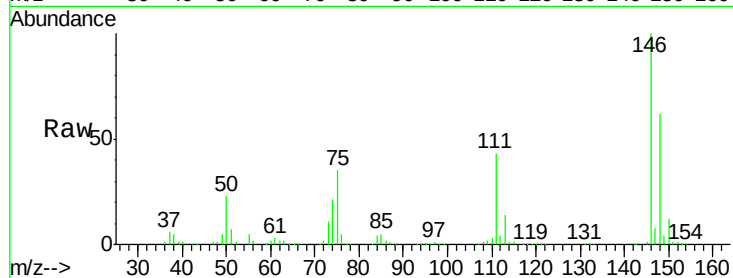




#13
 1,4-Dichlorobenzene
 Concen: 42.32 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

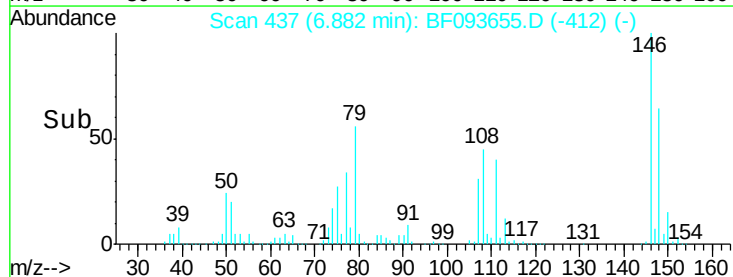
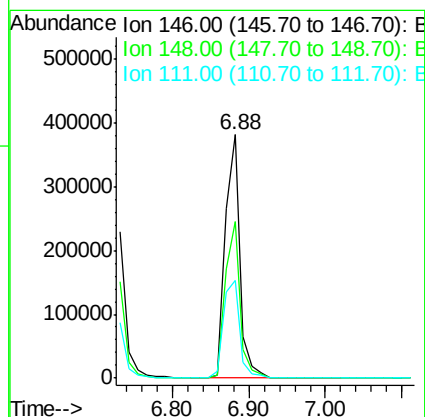
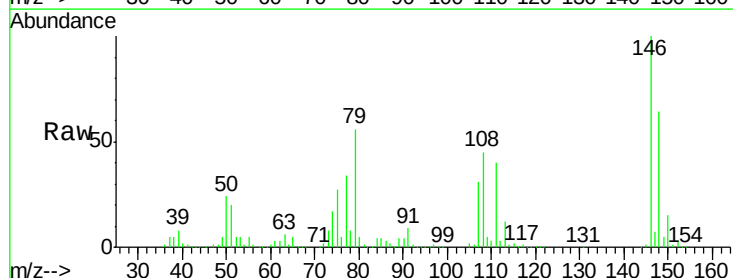
Instrument :
 BNA_M
 ClientSampleId :
 PB97558BS

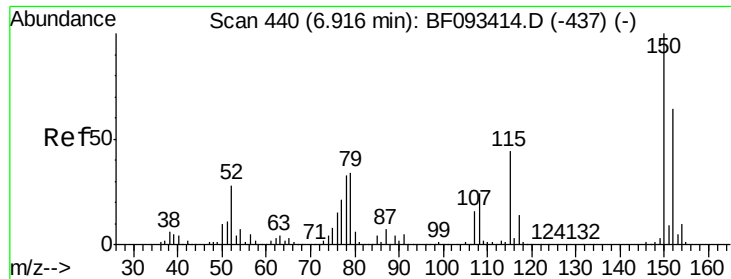
Tot Ion:146 Resp: 580937
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.6 76.0
 111 43.1 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 42.26 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

Tgt Ion:146 Resp: 513815
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 111 40.0 36.2 54.2

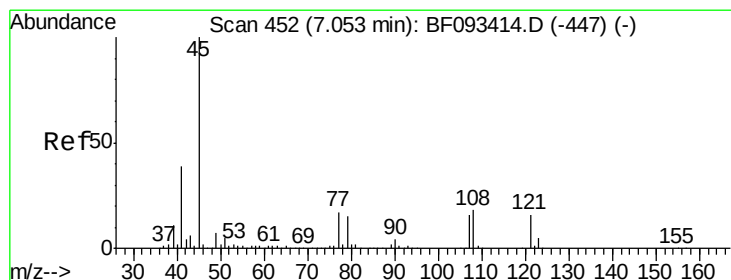
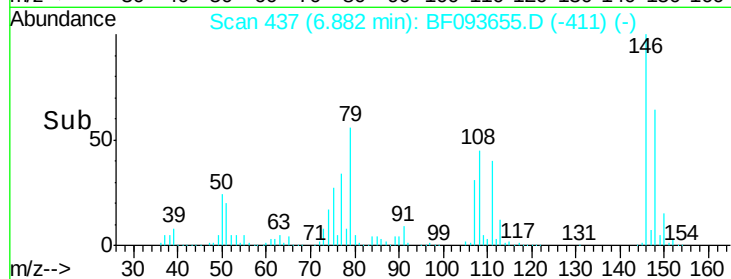
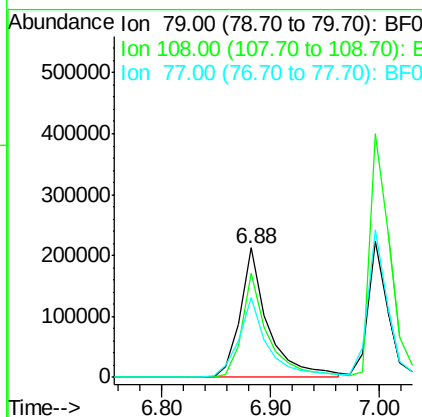
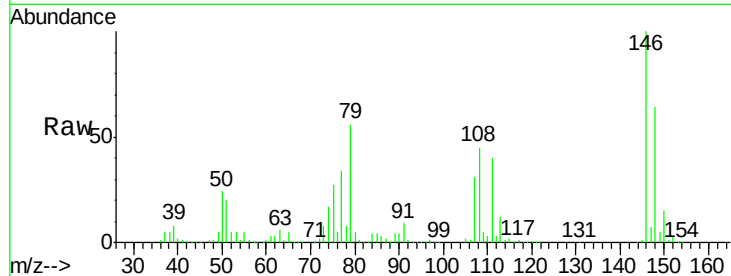




#15
Benzyl Alcohol
Concen: 39.98 ng
RT: 6.88 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

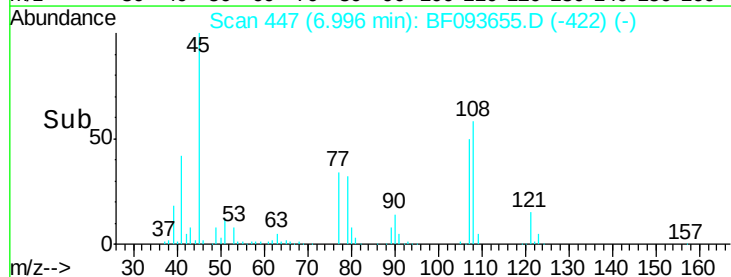
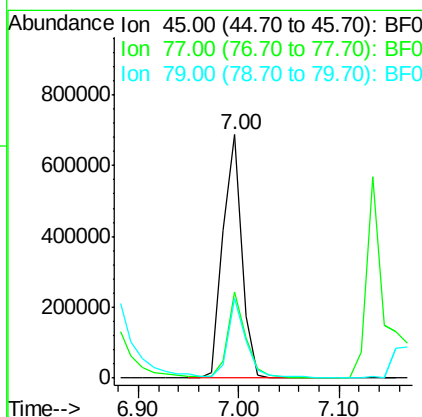
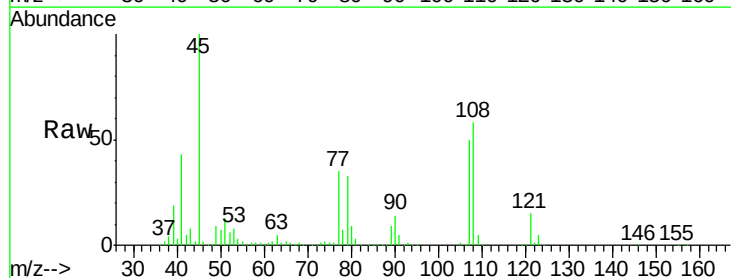
Instrument :
BNA_M
ClientSampleId :
PB97558BS

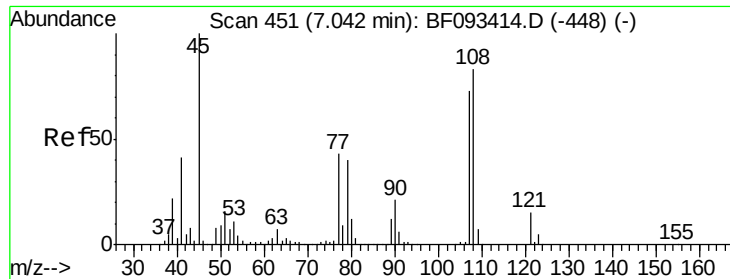
Tot Ion: 79 Resp: 375739
Ion Ratio Lower Upper
79 100
108 80.7 61.4 92.0
77 61.6 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.52 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Tgt Ion: 45 Resp: 900674
Ion Ratio Lower Upper
45 100
77 35.3 0.0 34.6#
79 32.6 0.0 31.2#

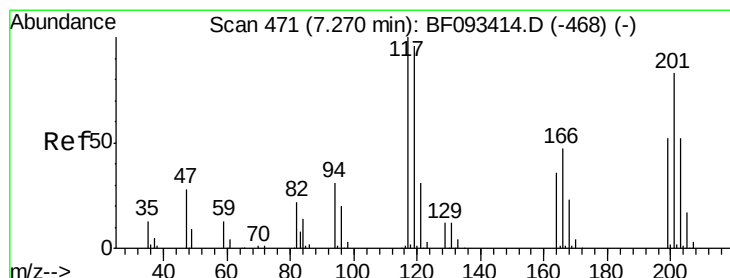
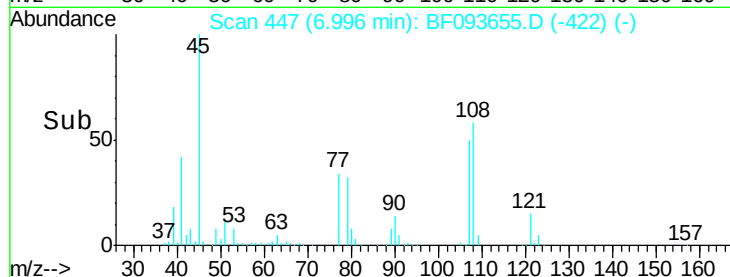
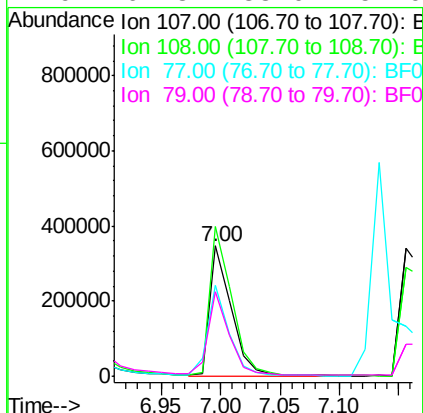
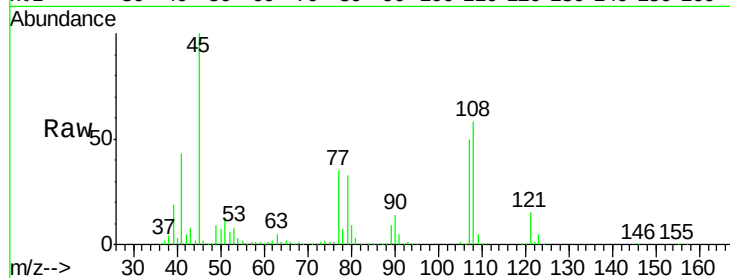




#17
2-Methylphenol
Concen: 43.47 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

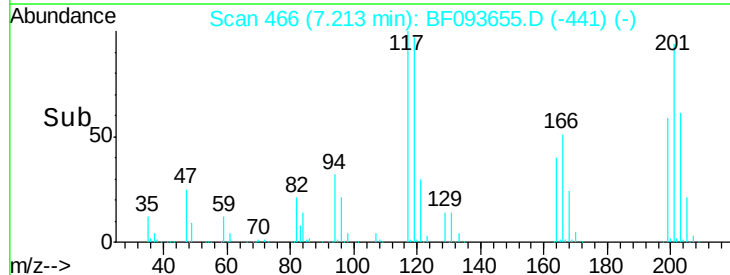
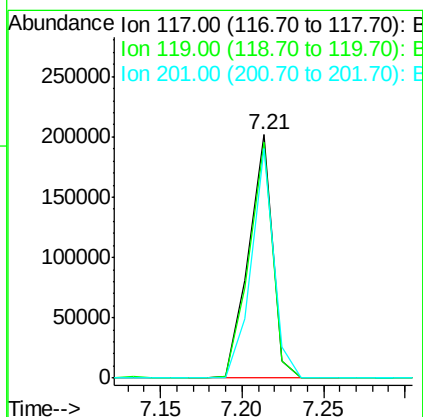
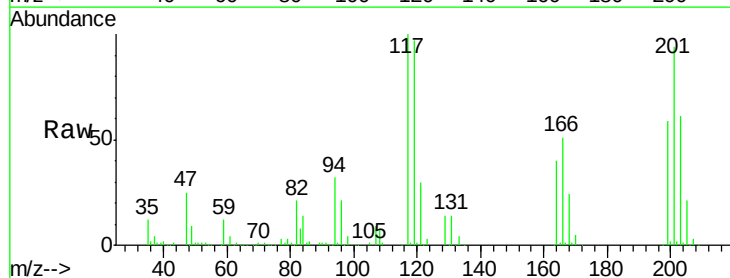
Instrument :
BNA_M
ClientSampleId :
PB97558BS

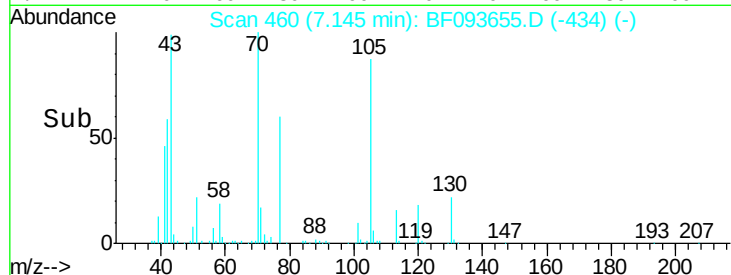
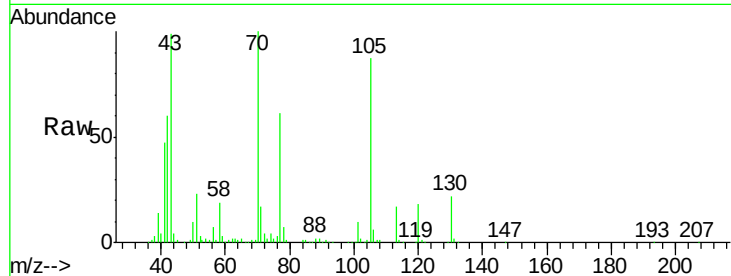
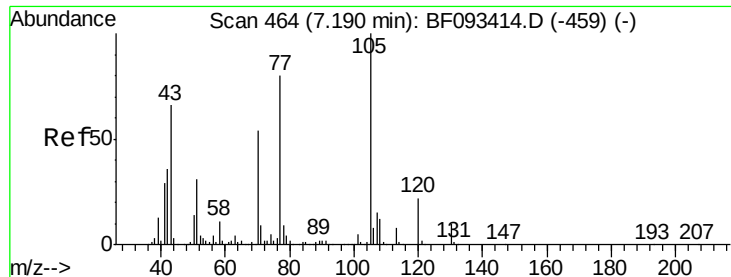
Tot Ion:107 Resp: 430682
Ion Ratio Lower Upper
107 100
108 115.5 93.0 139.6
77 70.1 39.8 59.8#
79 64.8 38.0 57.0#



#18
Hexachloroethane
Concen: 44.16 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Tgt Ion:117 Resp: 204447
Ion Ratio Lower Upper
117 100
119 96.8 78.1 117.1
201 94.4 78.6 117.8

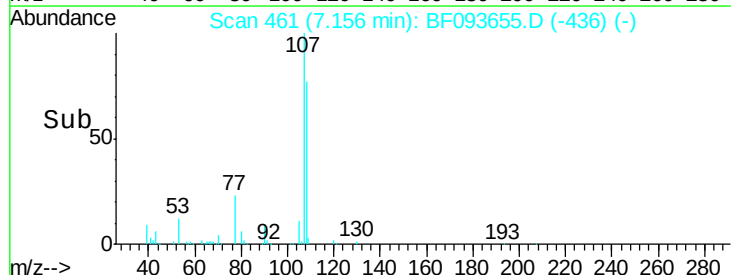
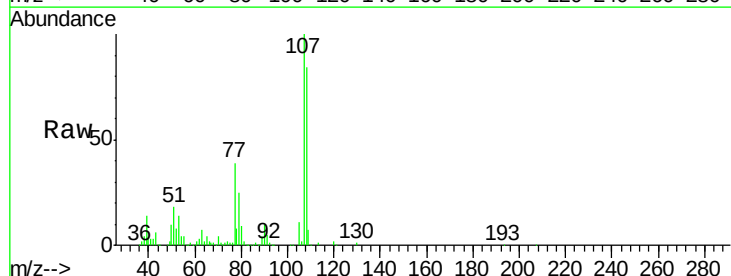
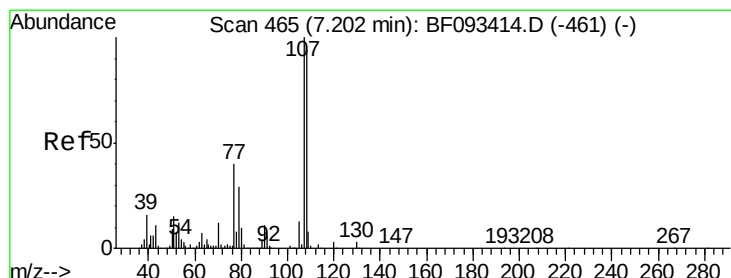
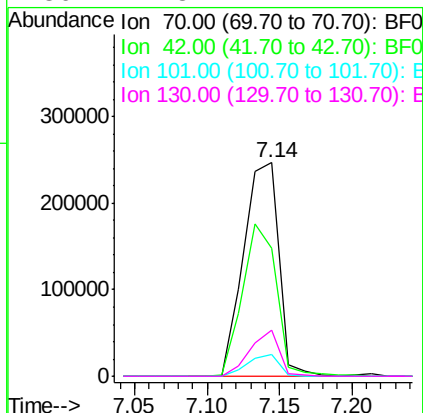




#19
n-Nitroso-di-n-propylamine
Concen: 45.91 ng
RT: 7.14 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

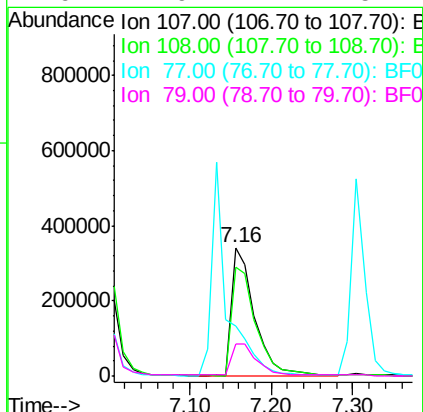
Instrument :
BNA_M
ClientSampleId :
PB97558BS

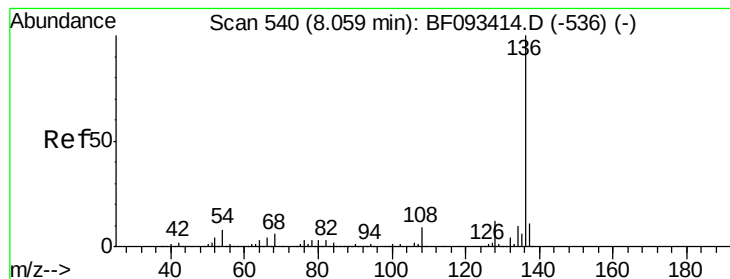
Tot Ion: 70 Resp: 416126
Ion Ratio Lower Upper
70 100
42 59.7 49.4 74.0
101 10.4 7.4 11.2
130 21.8 14.2 21.4#



#20
3+4-Methylphenols
Concen: 51.12 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Tgt Ion: 107 Resp: 656897
Ion Ratio Lower Upper
107 100
108 84.5 73.0 113.0
77 38.6 71.3 111.3#
79 24.9 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: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

Tot Ion:136 Resp: 785768

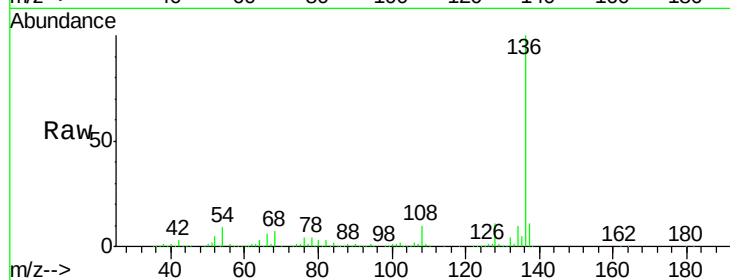
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 9.2 4.5 6.7#

68 6.5 3.6 5.4#



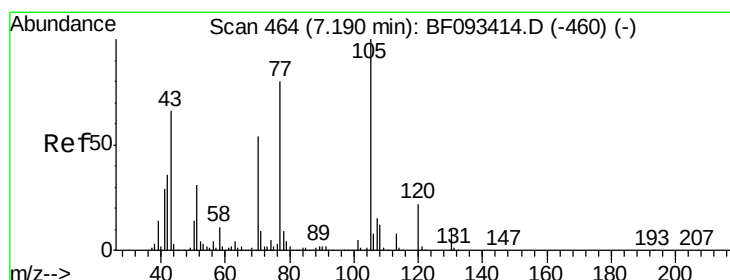
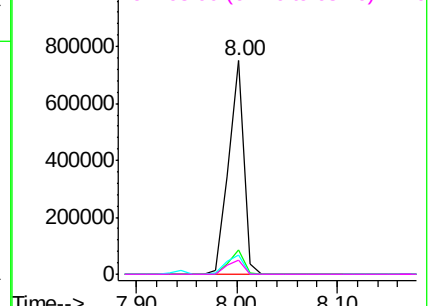
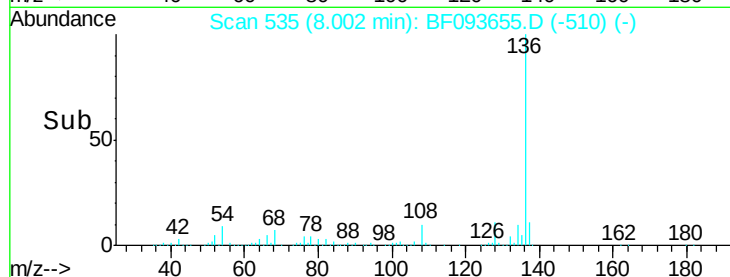
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.81 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Tgt Ion:105 Resp: 733825

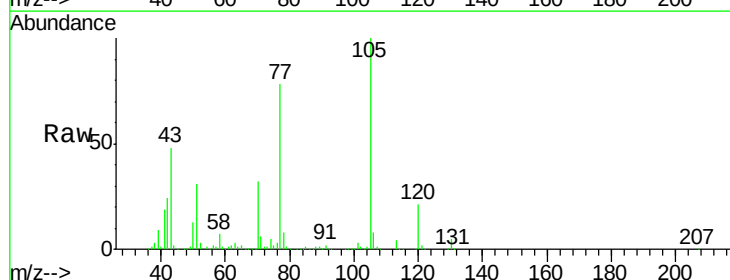
Ion Ratio Lower Upper

105 100

71 5.5 3.2 4.8#

51 31.0 26.2 39.4

120 21.2 16.6 24.8



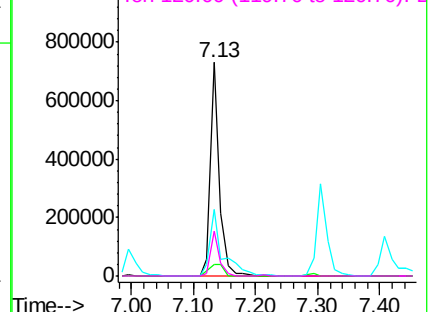
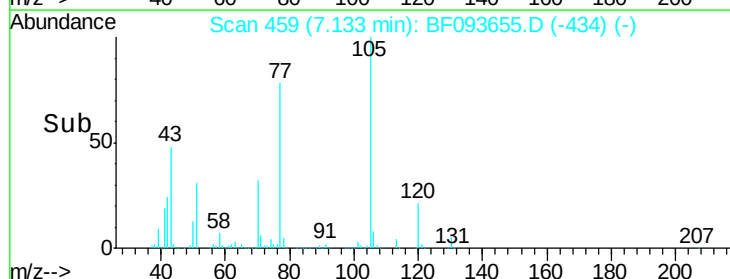
Abundance

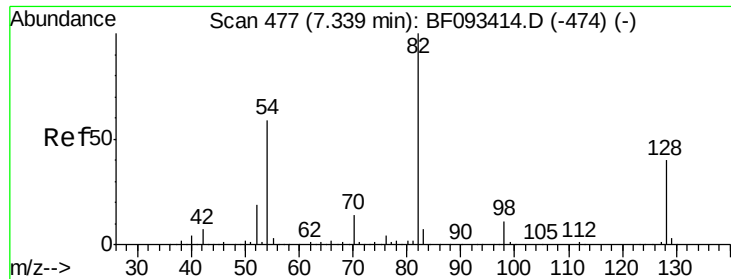
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



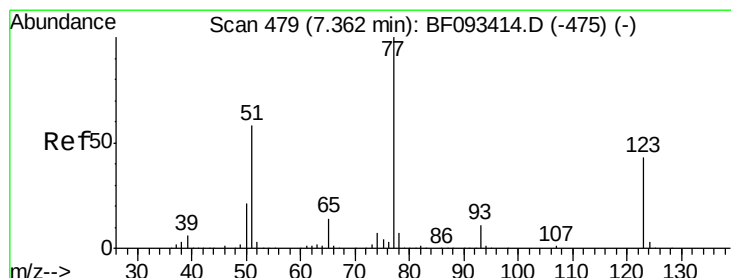
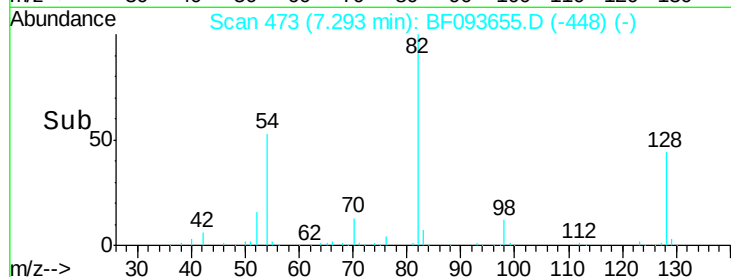
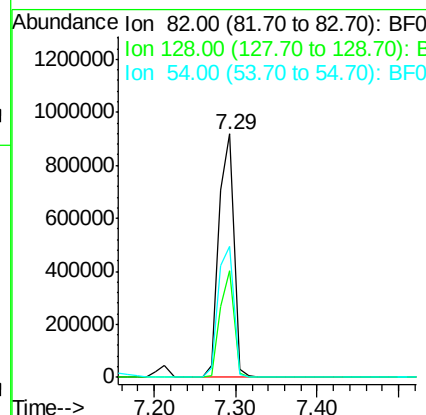
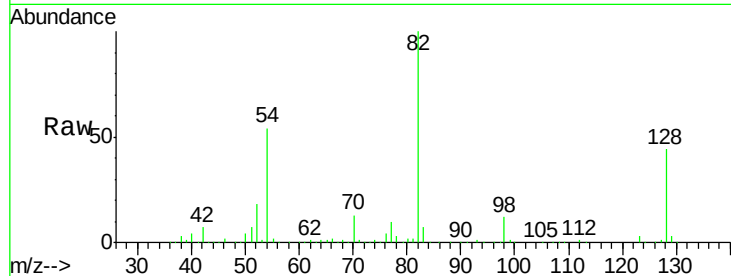


#23
 Nitrobenzene-d5
 Concen: 83.08 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

Instrument :
 BNA_M
 ClientSampleID :
 PB97558BS

Tot Ion: 82 Resp: 1176612

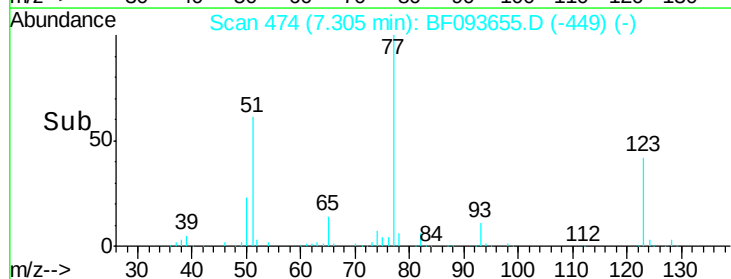
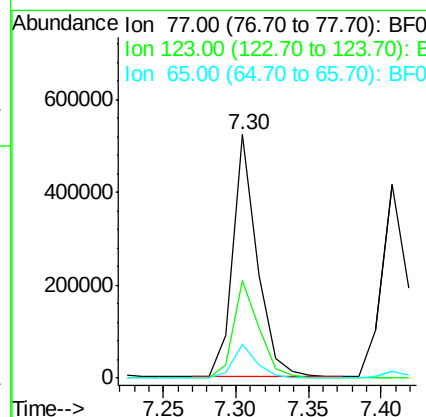
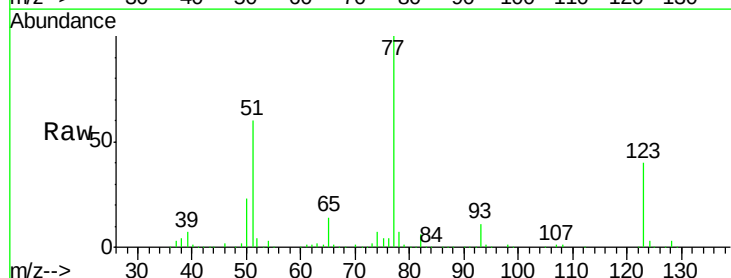
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	52.0
54	53.7	39.5	59.3

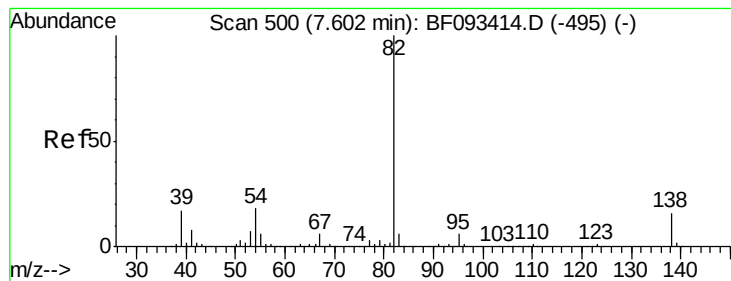


#24
 Nitrobenzene
 Concen: 38.09 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

Tgt Ion: 77 Resp: 606283

Ion	Ratio	Lower	Upper
77	100		
123	40.0	33.0	49.4
65	14.1	11.2	16.8





#25

Isophorone

Concen: 38.63 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

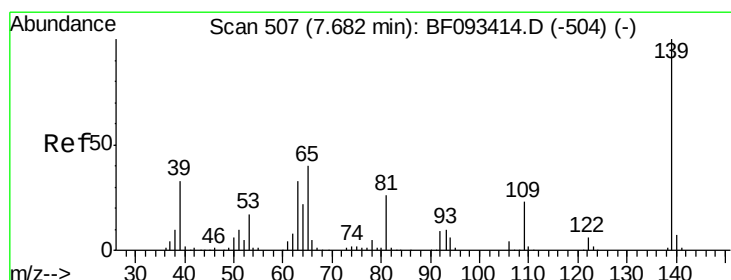
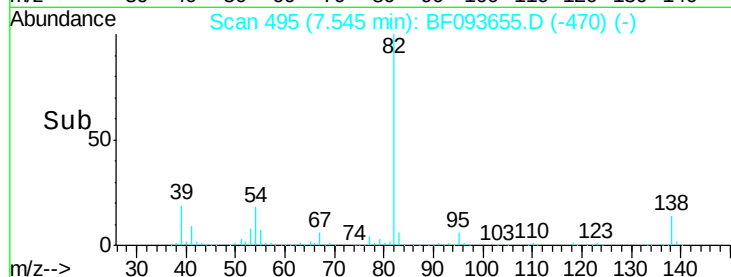
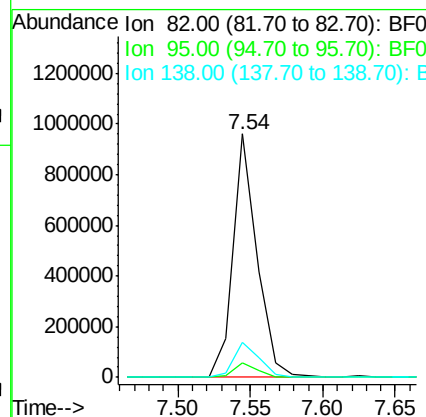
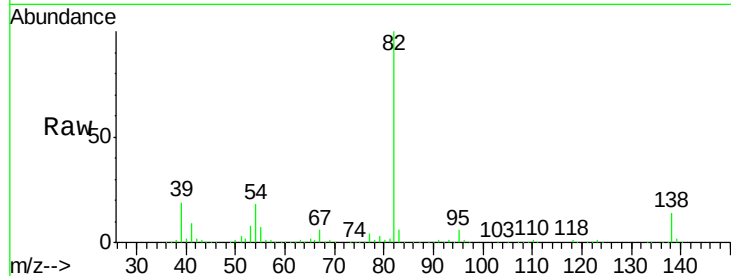
Tot Ion: 82 Resp: 1103322

Ion Ratio Lower Upper

82 100

95 6.2 5.6 8.4

138 14.2 14.6 22.0#



#26

2-Nitrophenol

Concen: 40.29 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

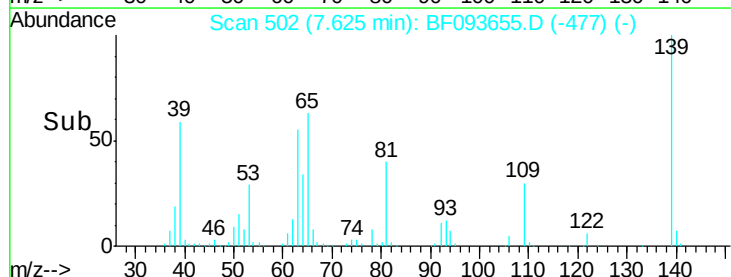
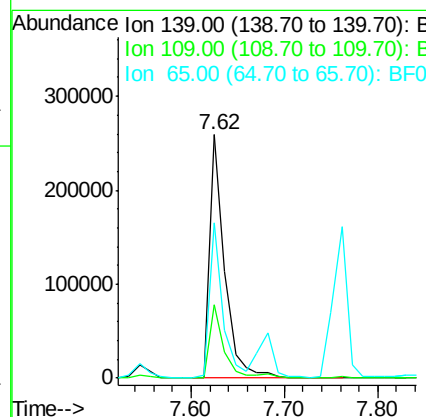
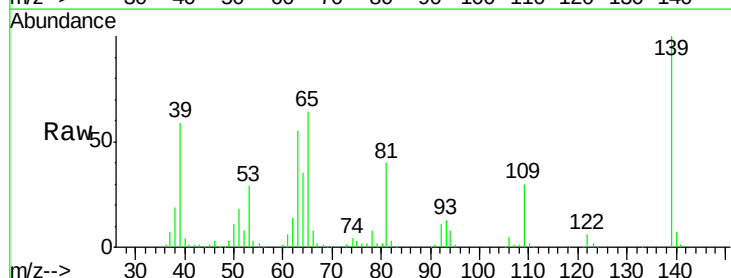
Tgt Ion: 139 Resp: 292571

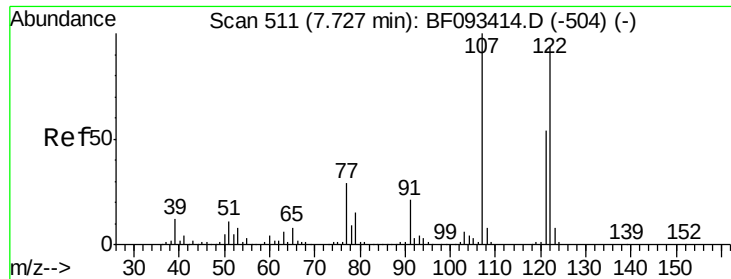
Ion Ratio Lower Upper

139 100

109 30.2 23.3 34.9

65 63.9 42.7 64.1

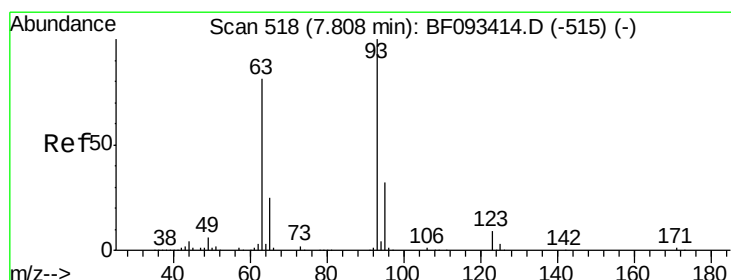
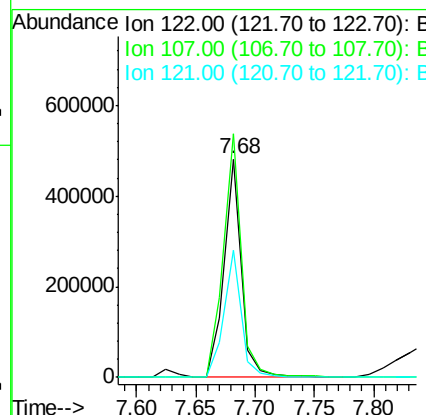
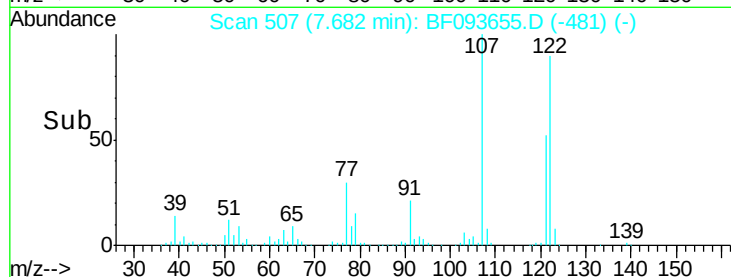
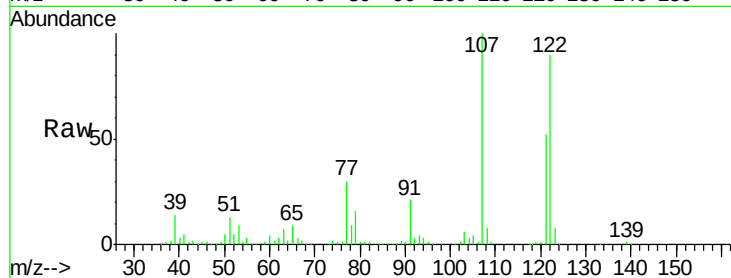




#27
 2,4-Dimethylphenol
 Concen: 40.35 ng
 RT: 7.68 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

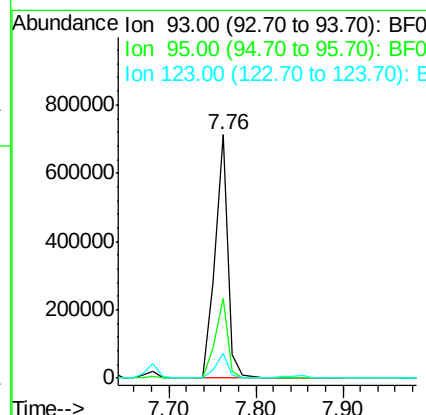
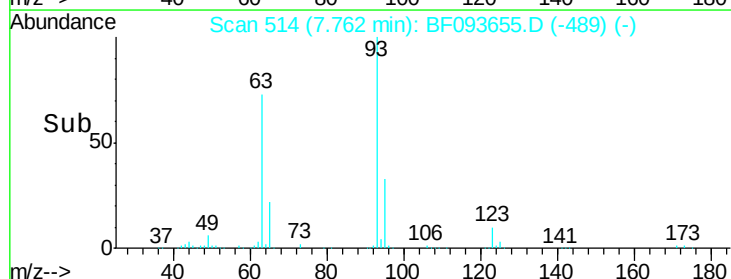
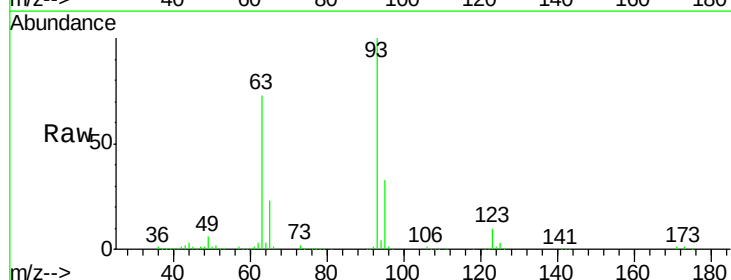
Instrument :
 BNA_M
 ClientSampleId :
 PB97558BS

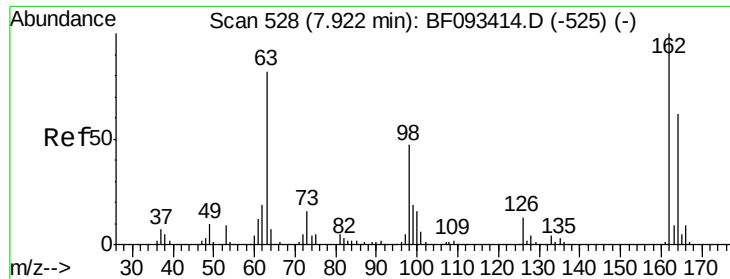
Tot Ion:122 Resp: 476725
 Ion Ratio Lower Upper
 122 100
 107 111.6 94.1 141.1
 121 58.4 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.02 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

Tgt Ion: 93 Resp: 739591
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 10.3 8.6 13.0

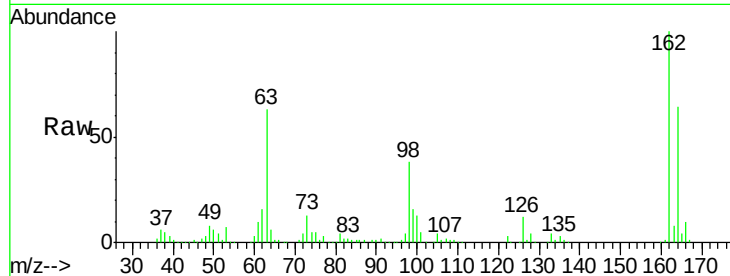




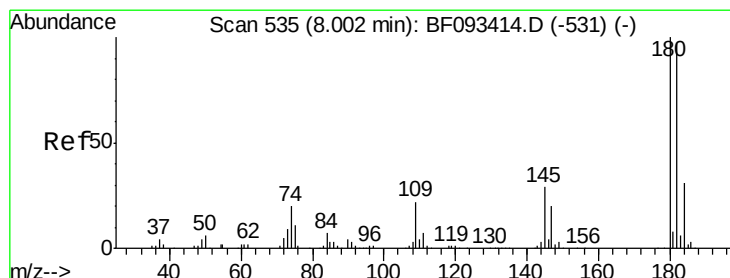
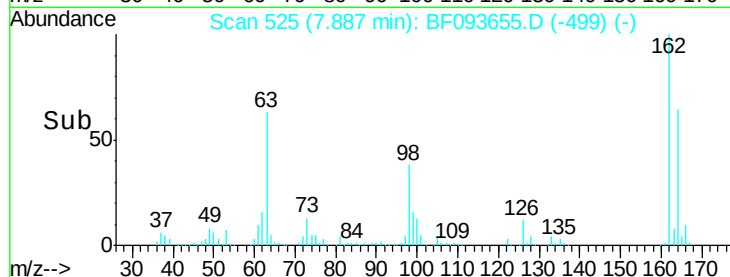
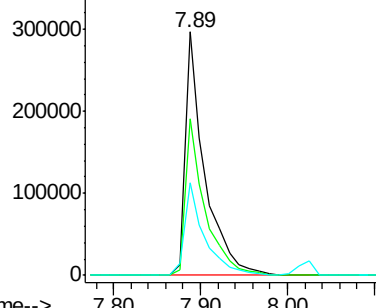
#29
 2,4-Dichlorophenol
 Concen: 41.87 ng
 RT: 7.89 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

Instrument :
 BNA_M
 ClientSampleId :
 PB97558BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	46.8	86.8
98	38.2	9.1	49.1

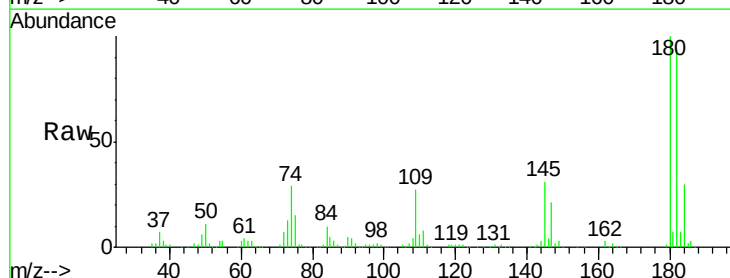


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

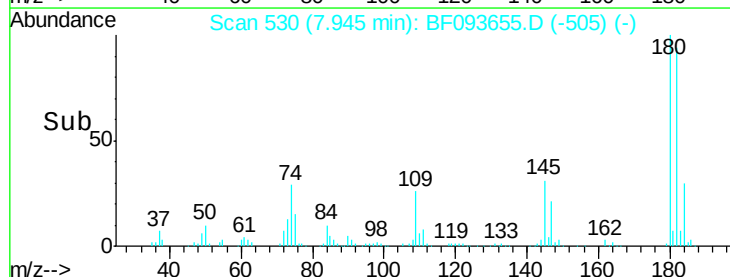
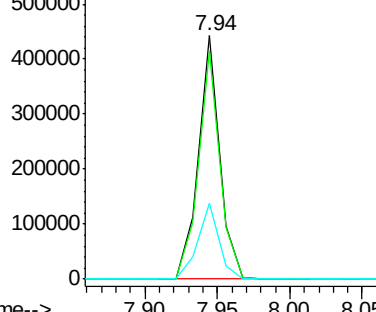


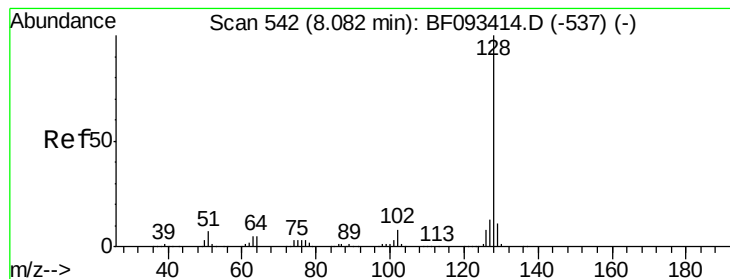
#30
 1,2,4-Trichlorobenzene
 Concen: 38.01 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	78.2	117.4
145	31.2	21.6	32.4



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





#31

Naphthalene

Concen: 38.45 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

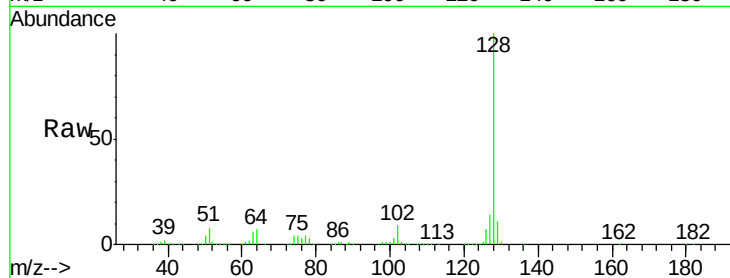
Tot Ion:128 Resp: 1514129

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

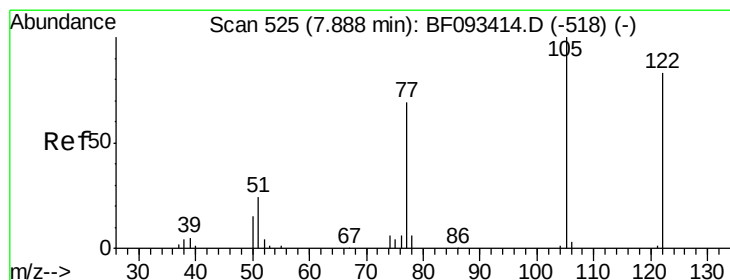
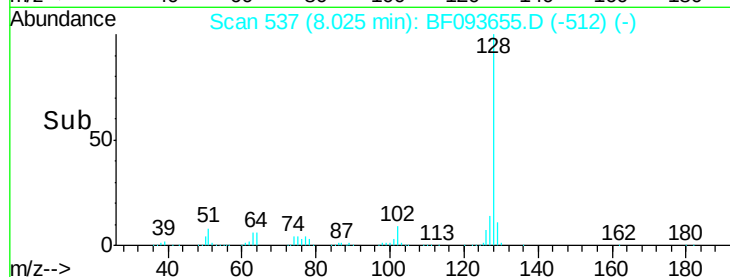
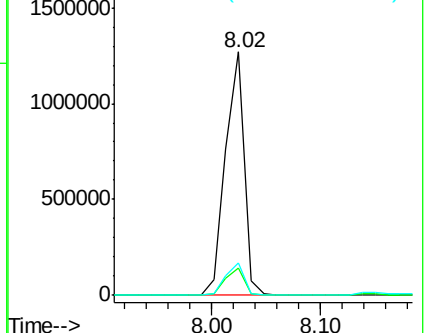
127 13.6 10.8 16.2



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: 40.38 ng

RT: 7.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

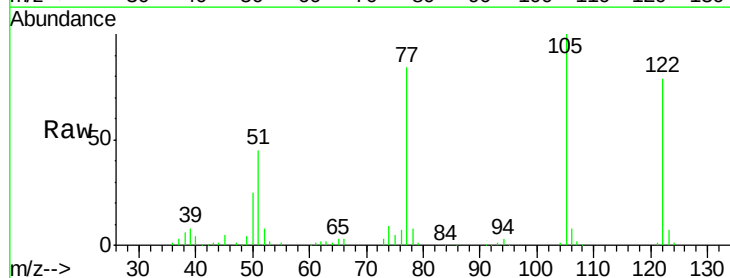
Tgt Ion:122 Resp: 247876

Ion Ratio Lower Upper

122 100

105 126.2 107.2 147.2

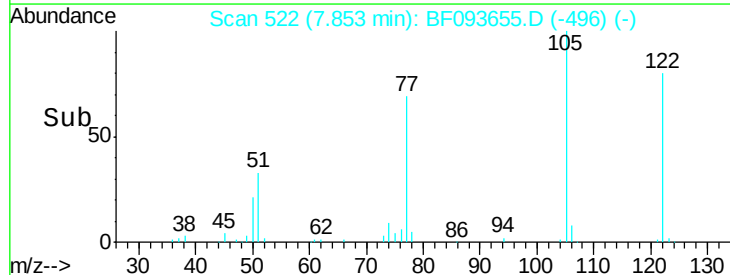
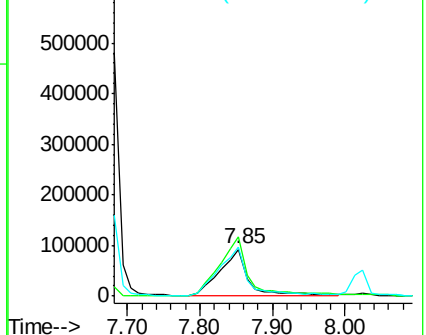
77 105.6 74.5 114.5

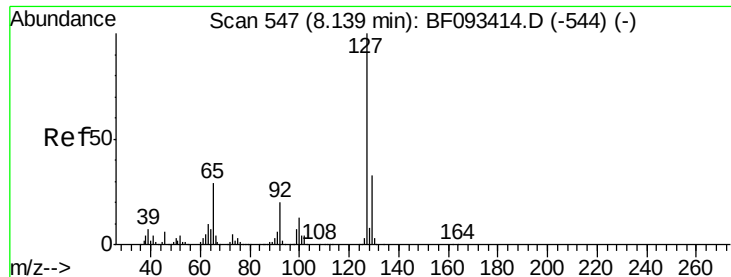


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

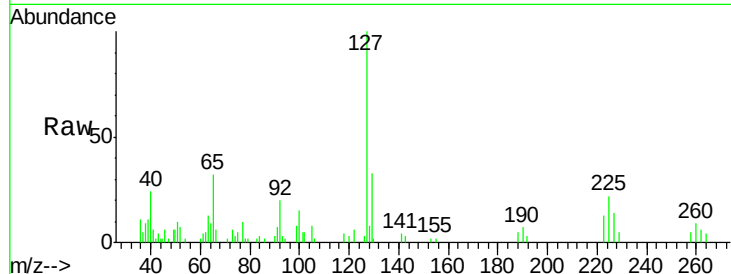




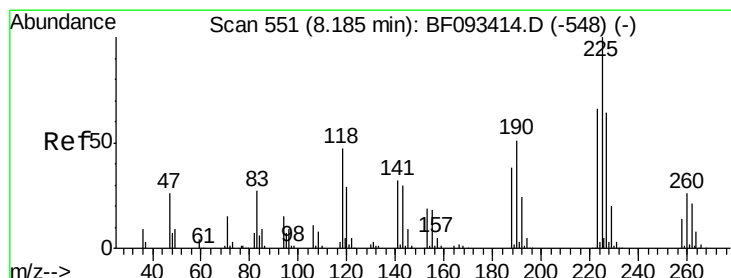
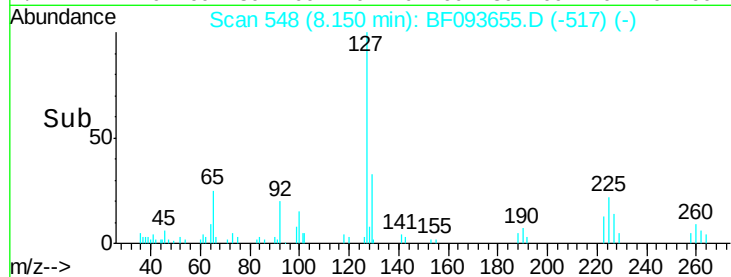
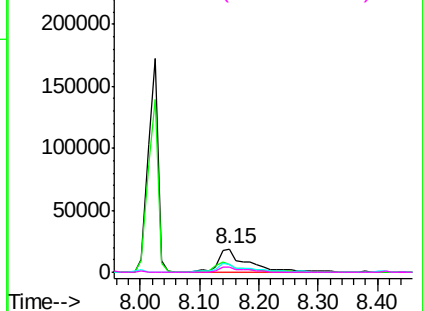
#33
4-Chloroaniline
Concen: 4.02 ng
RT: 8.15 min Scan# 548
Delta R.T. 0.06 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Instrument :
BNA_M
ClientSampleId :
PB97558BS

Tot Ion:	127	Resp:	64310
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	32.2	25.8	38.8
92	19.7	16.1	24.1

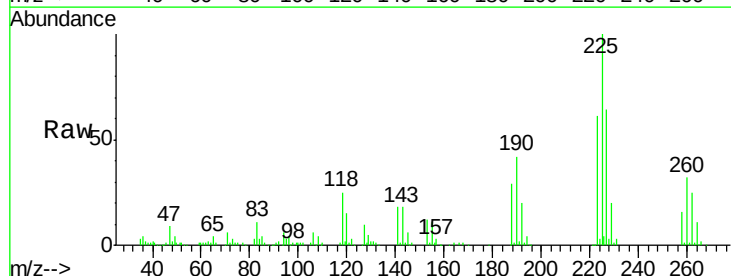


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

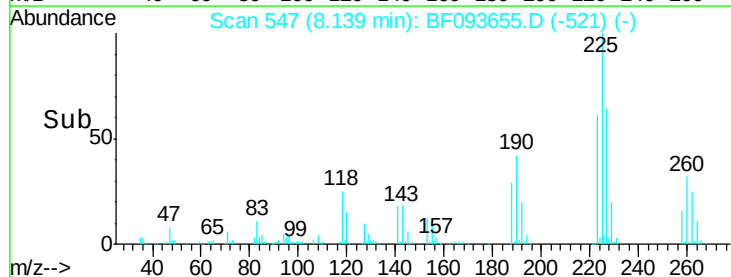
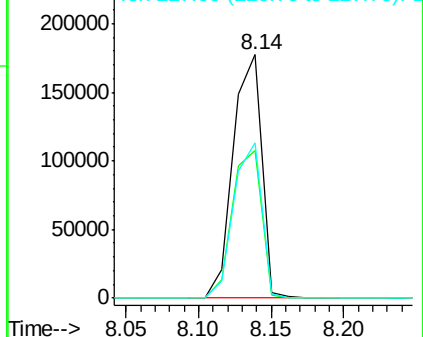


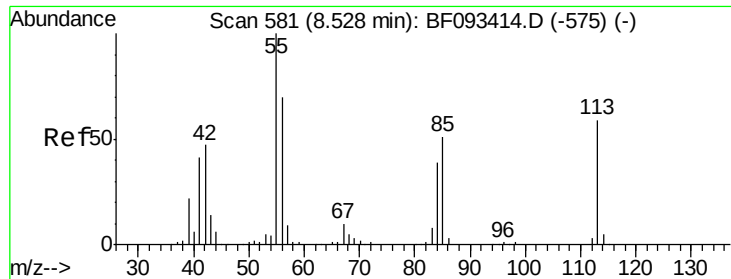
#34
Hexachlorobutadiene
Concen: 39.69 ng
RT: 8.14 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Tgt Ion:	225	Resp:	241612
Ion	Ratio	Lower	Upper
225	100		
223	60.7	51.0	76.6
227	63.9	50.6	76.0



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

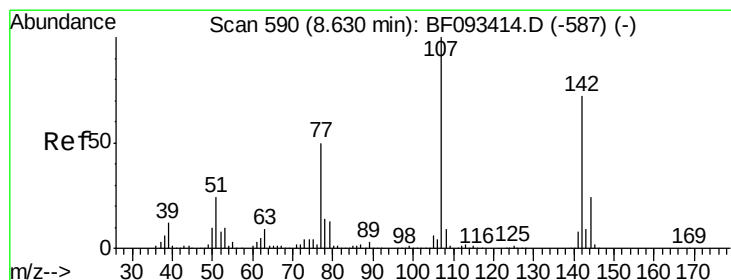
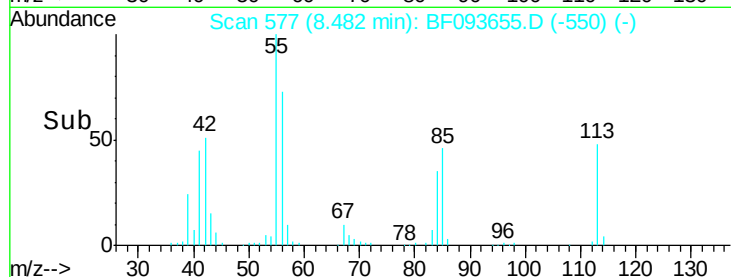
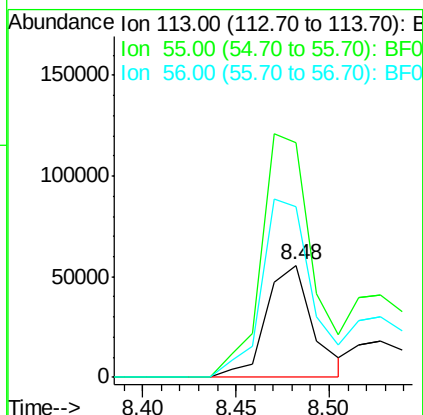
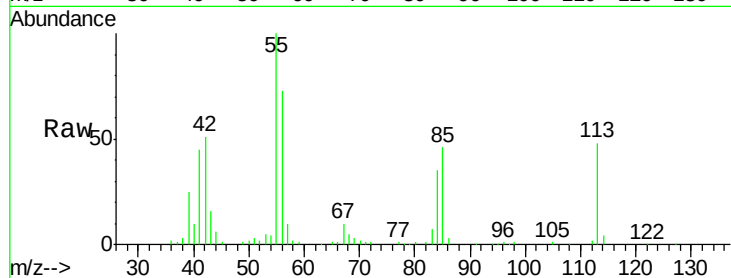




#35
Caprolactam
Concen: 25.54 ng
RT: 8.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

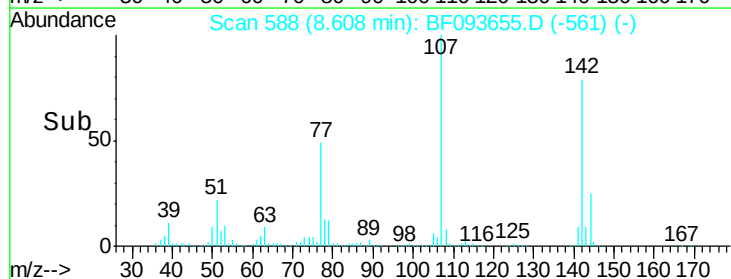
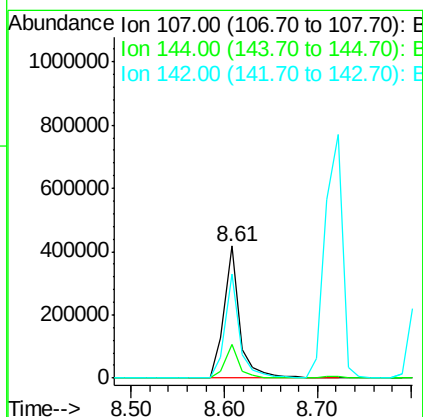
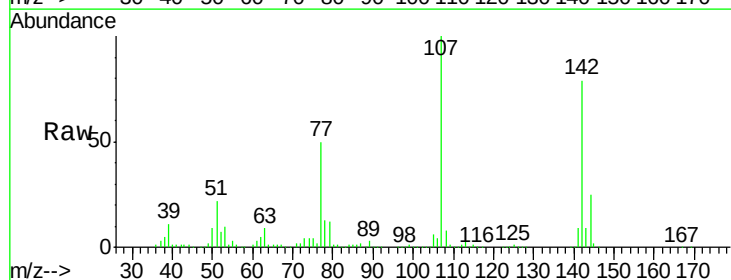
Instrument :
BNA_M
ClientSampleId :
PB97558BS

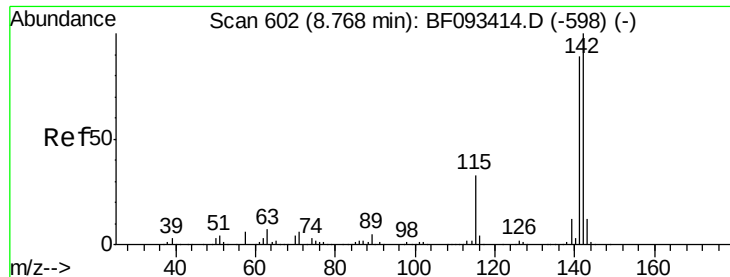
Tot Ion:113 Resp: 96952
Ion Ratio Lower Upper
113 100
55 209.9 119.2 159.2#
56 152.3 83.8 123.8#



#36
4-Chloro-3-methylphenol
Concen: 41.01 ng
RT: 8.61 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Tgt Ion:107 Resp: 486507
Ion Ratio Lower Upper
107 100
144 25.4 19.3 28.9
142 79.1 59.0 88.6

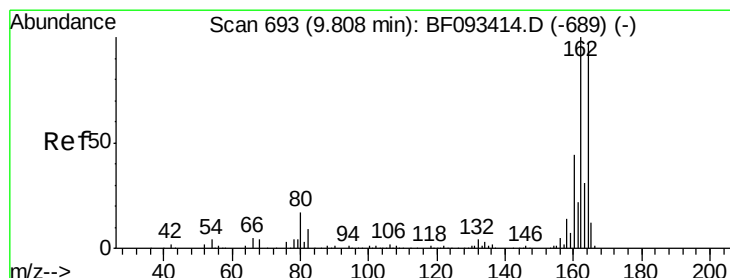
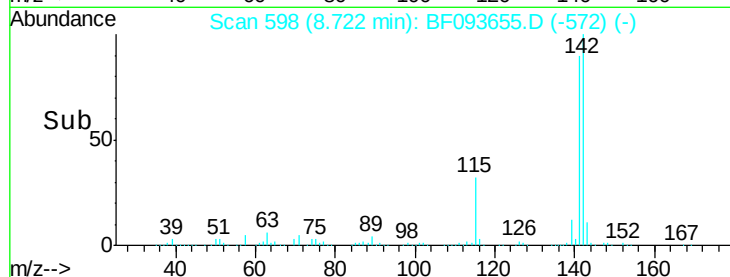
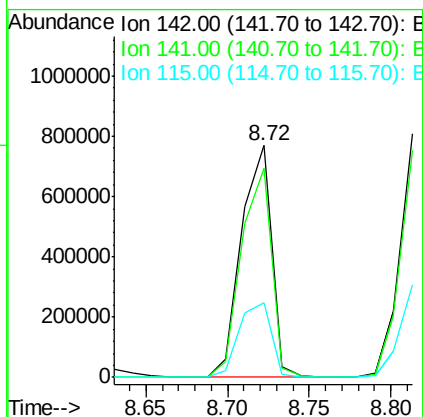
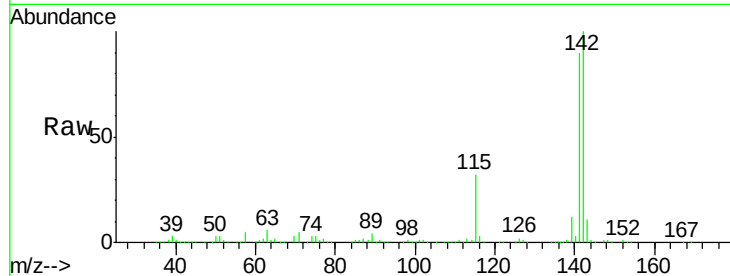




#37
2-Methylnaphthalene
Concen: 39.45 ng
RT: 8.72 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

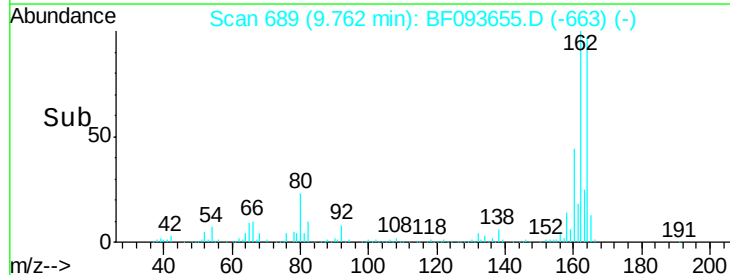
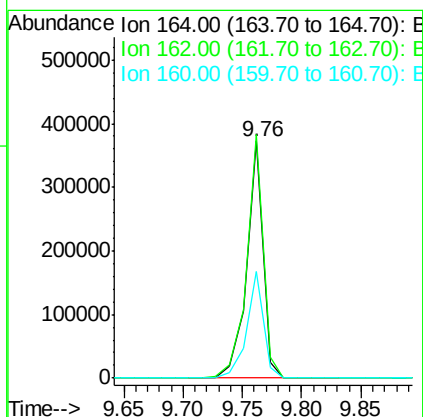
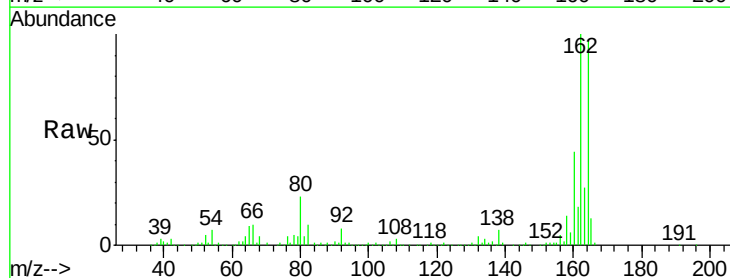
Instrument :
BNA_M
ClientSampleId :
PB97558BS

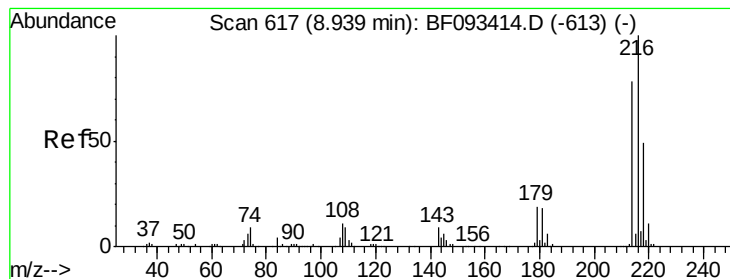
Tot Ion:142 Resp: 988284
Ion Ratio Lower Upper
142 100
141 90.2 71.0 106.6
115 32.4 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Tgt Ion:164 Resp: 360475
Ion Ratio Lower Upper
164 100
162 102.7 80.2 120.2
160 45.1 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.29 ng

RT: 8.88 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

Tot Ion:216 Resp: 426151

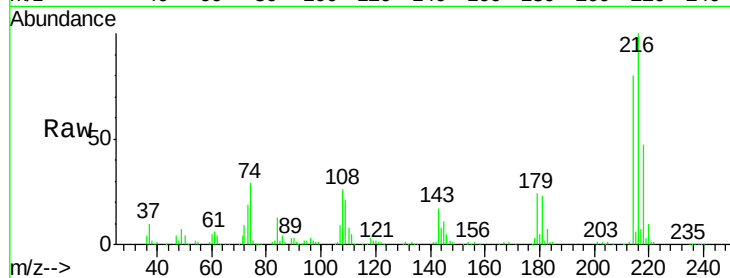
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.0

179 21.8 17.4 26.2

108 22.6 15.6 23.4

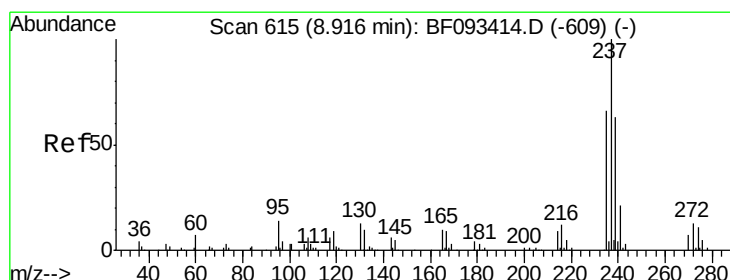
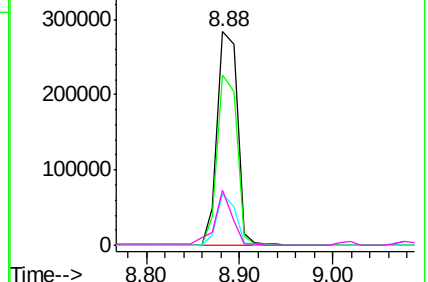
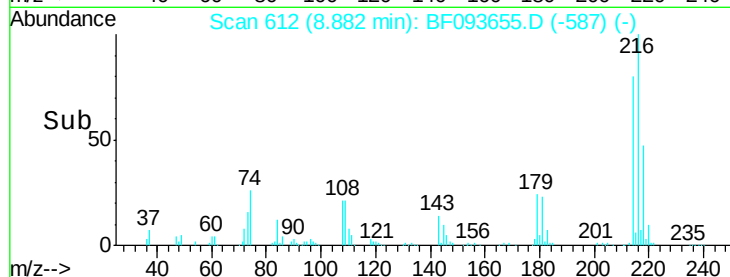


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 88.21 ng

RT: 8.86 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

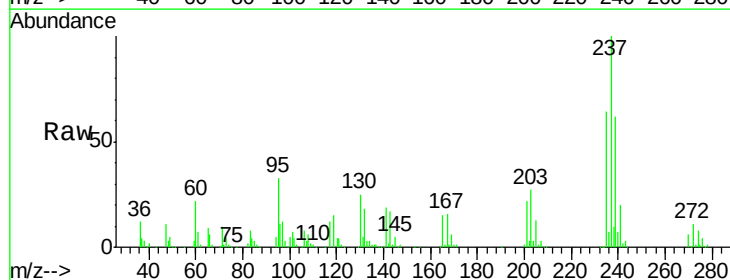
Tgt Ion:237 Resp: 222719

Ion Ratio Lower Upper

237 100

235 63.9 41.2 81.2

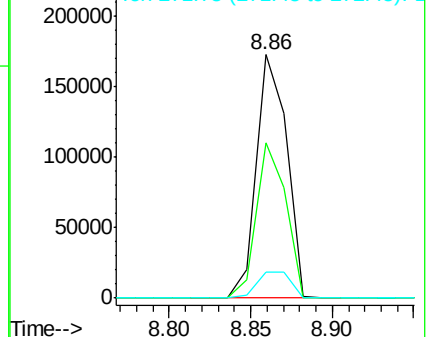
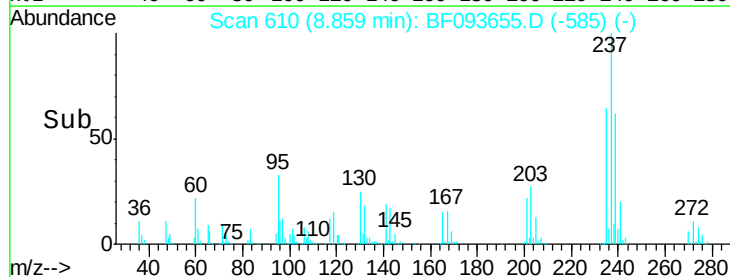
272 10.7 0.0 35.4

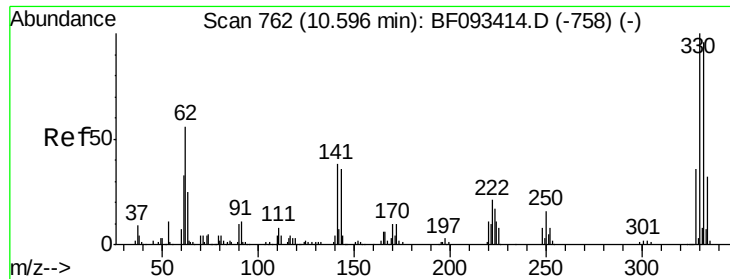


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

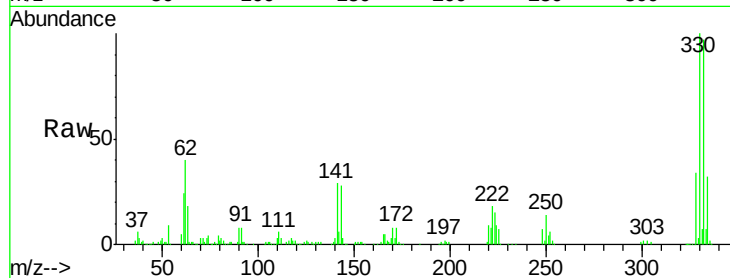




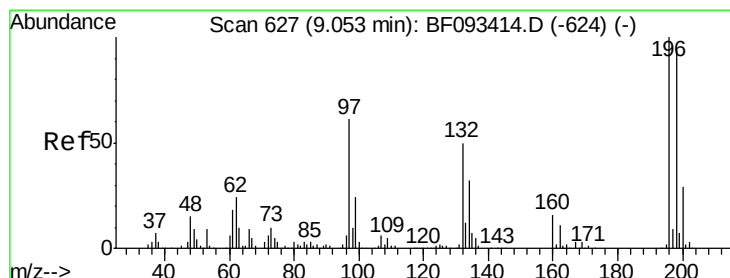
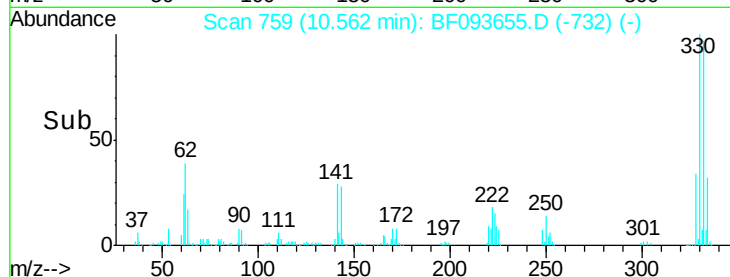
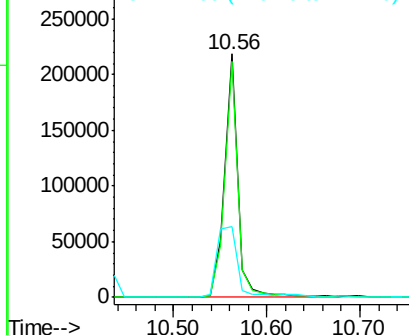
#41
 2,4,6-Tribromophenol
 Concen: 93.37 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

Instrument :
 BNA_M
 ClientSampleId :
 PB97558BS

Tot Ion:330 Resp: 219276
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.2
 141 43.9 34.1 51.1

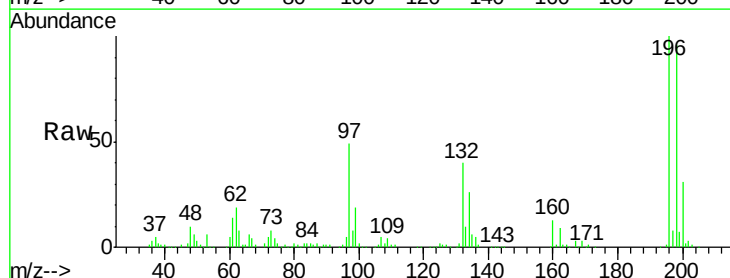


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

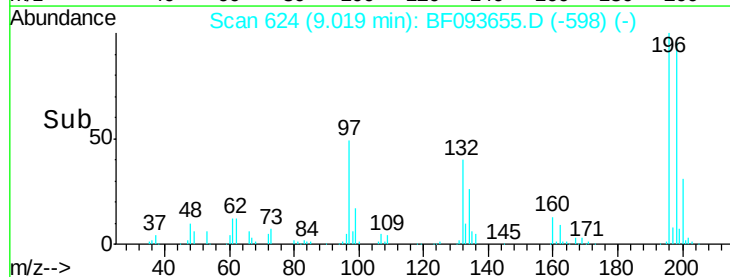
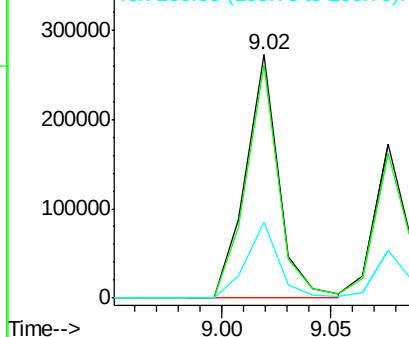


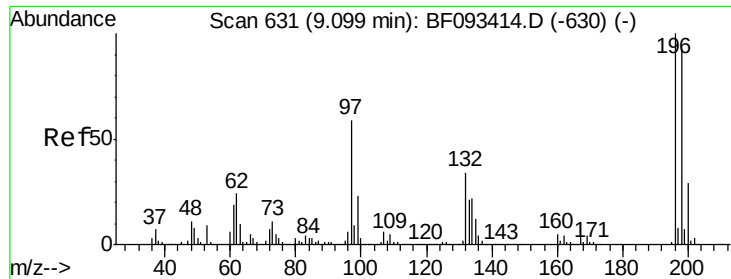
#42
 2,4,6-Trichlorophenol
 Concen: 46.96 ng
 RT: 9.02 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

Tgt Ion:196 Resp: 288782
 Ion Ratio Lower Upper
 196 100
 198 95.6 82.1 123.1
 200 31.0 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

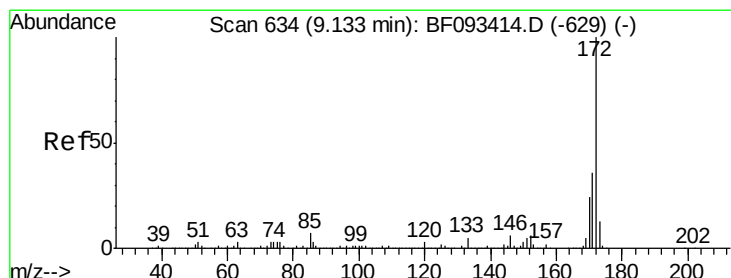
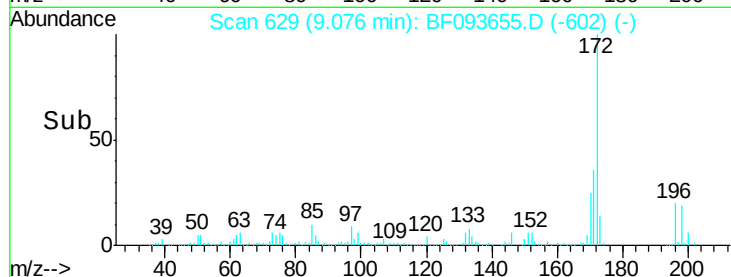
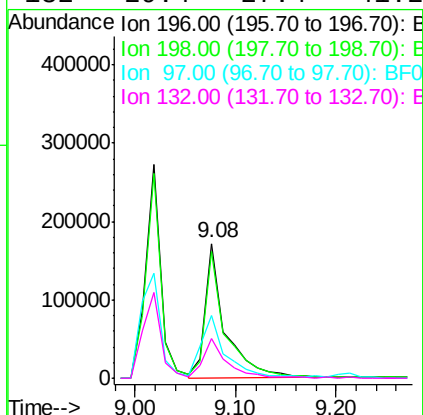
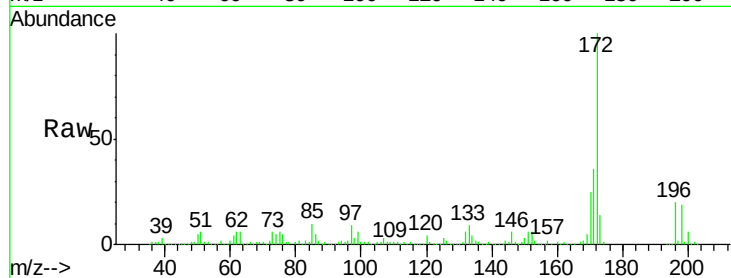




#43
 2,4,5-Trichlorophenol
 Concen: 35.95 ng
 RT: 9.08 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

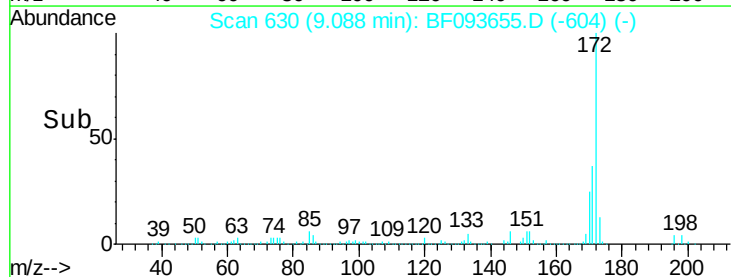
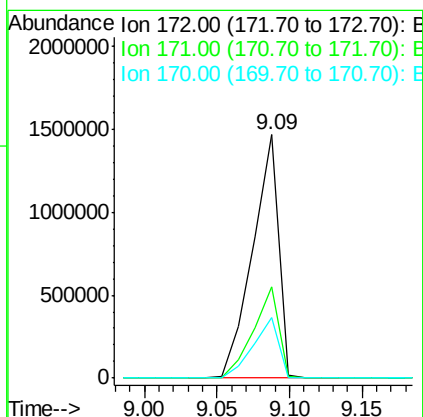
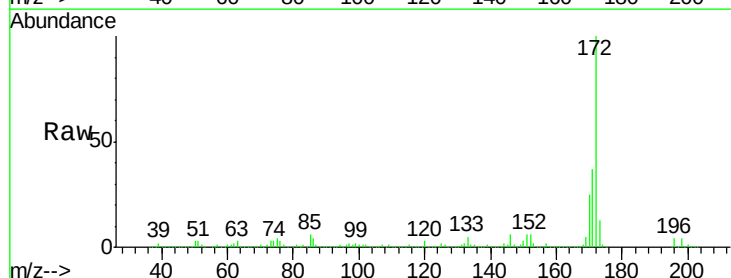
Instrument :
 BNA_M
 ClientSampleId :
 PB97558BS

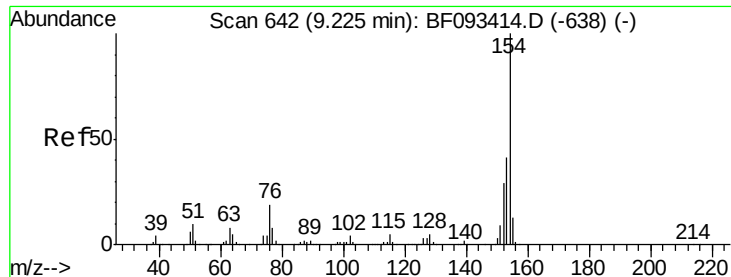
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	79.4	119.2
97	46.8	51.5	77.3#
132	29.4	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 94.47 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.4	44.0
170	25.0	20.2	30.4





#45

1,1'-Biphenyl

Concen: 43.82 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampled :

PB97558BS

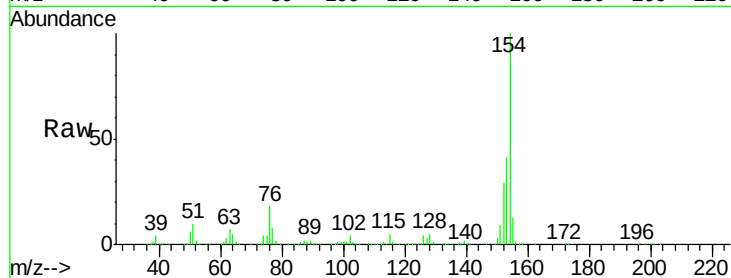
Tot Ion:154 Resp: 1150715

Ion Ratio Lower Upper

154 100

153 40.6 20.9 60.9

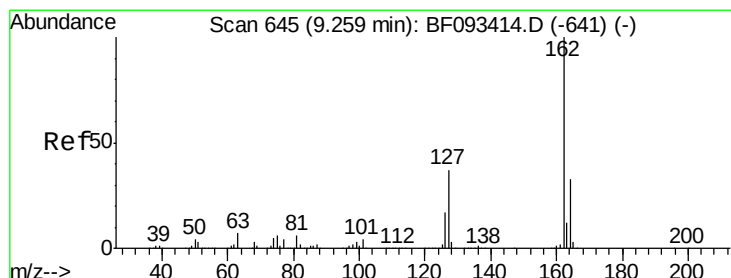
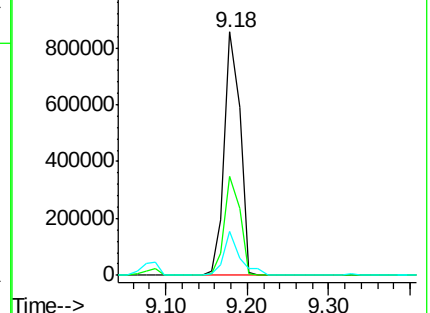
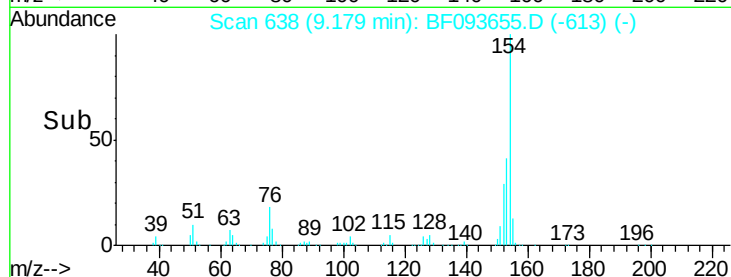
76 17.9 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.39 ng

RT: 9.21 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

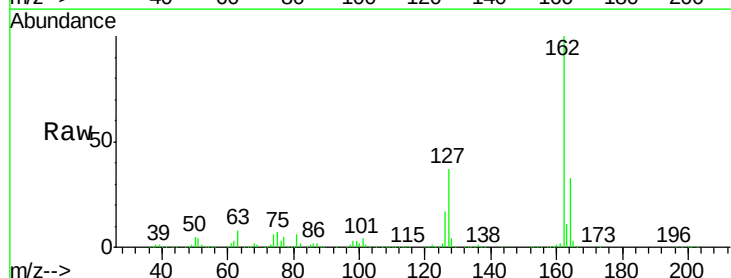
Tgt Ion:162 Resp: 952485

Ion Ratio Lower Upper

162 100

127 37.0 30.7 46.1

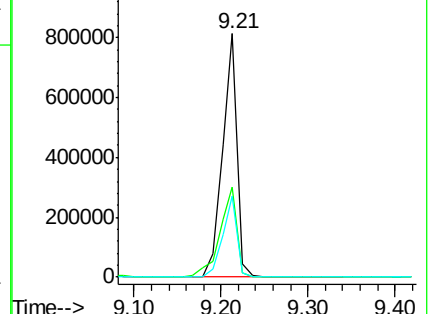
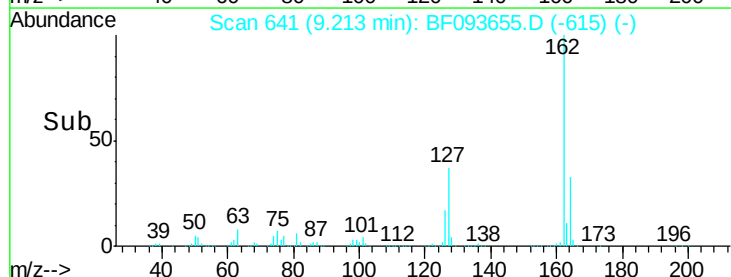
164 33.3 27.6 41.4

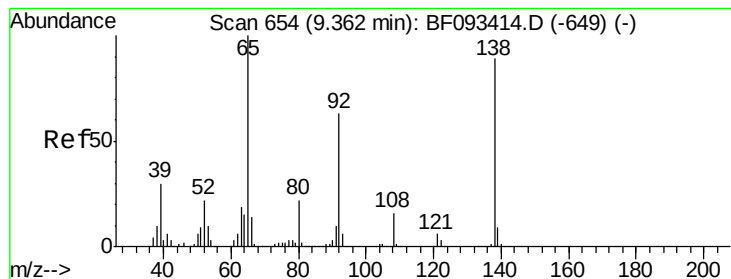


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.98 ng

RT: 9.33 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

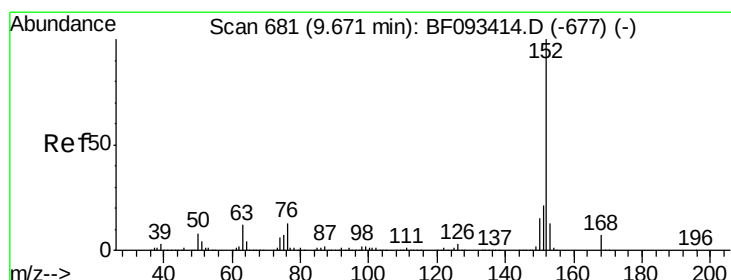
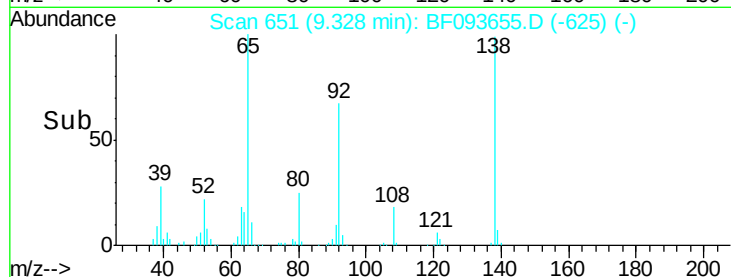
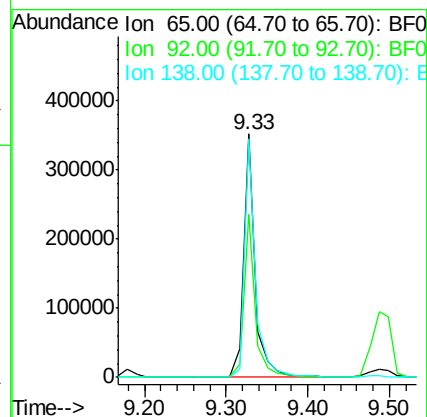
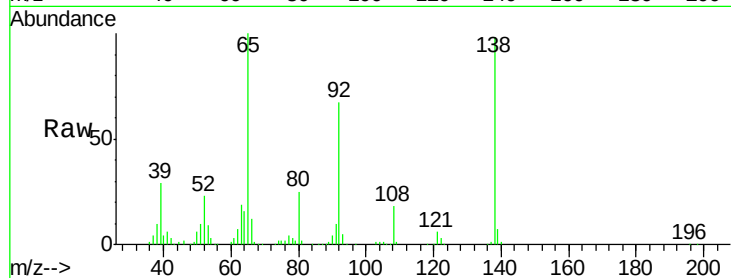
Tot Ion: 65 Resp: 348028

Ion Ratio Lower Upper

65 100

92 67.0 53.9 80.9

138 98.2 76.8 115.2



#48

Acenaphthylene

Concen: 44.21 ng

RT: 9.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

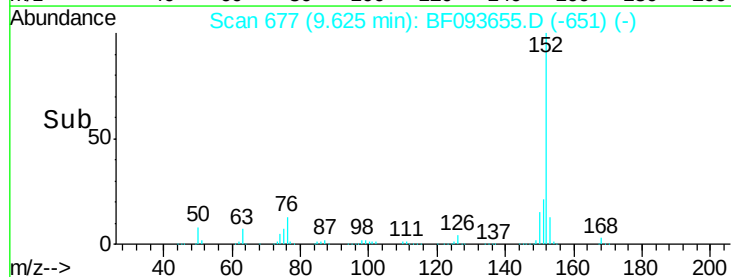
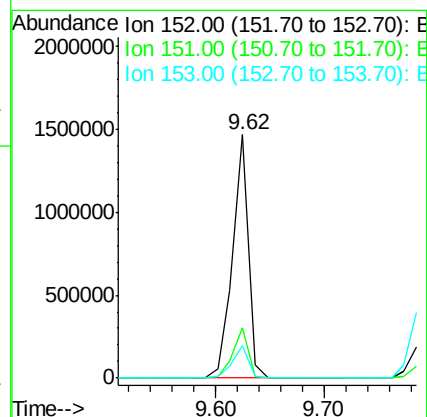
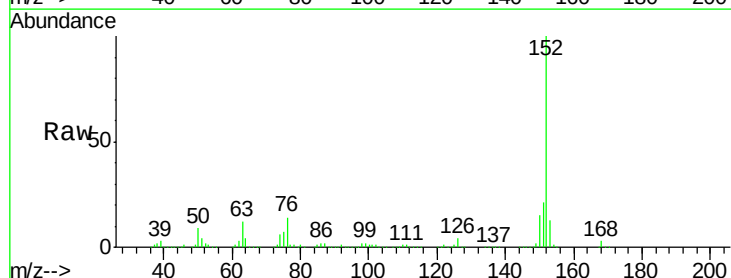
Tgt Ion: 152 Resp: 1465591

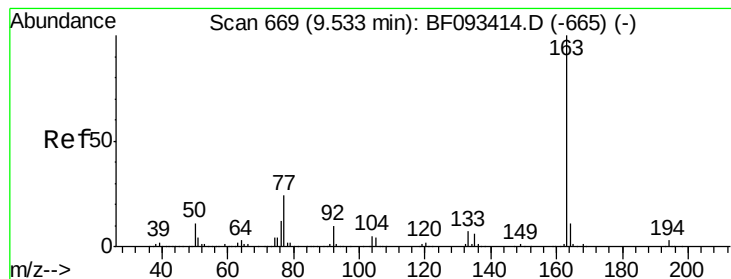
Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

153 13.4 11.4 17.2





#49

Dimethylphthalate

Concen: 46.25 ng

RT: 9.50 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

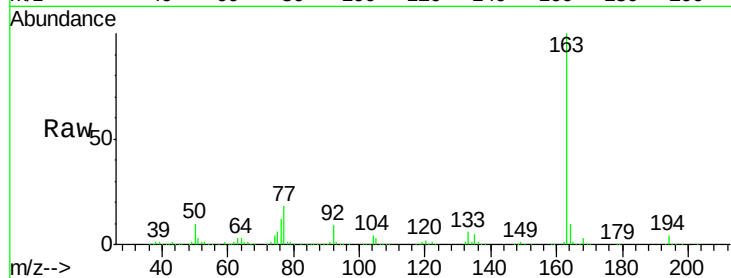
Tot Ion:163 Resp: 1105204

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

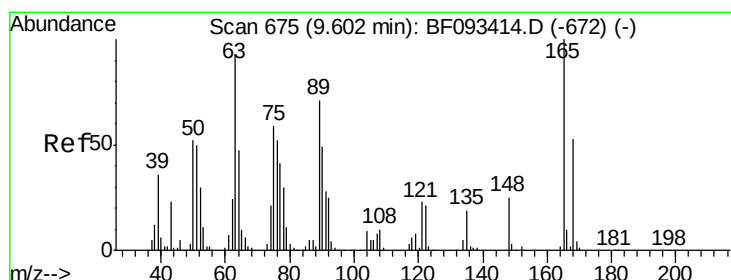
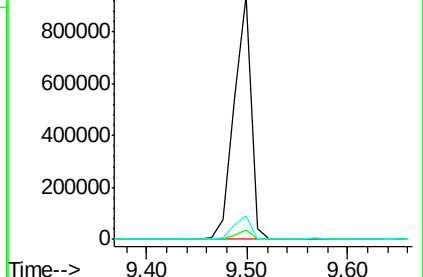
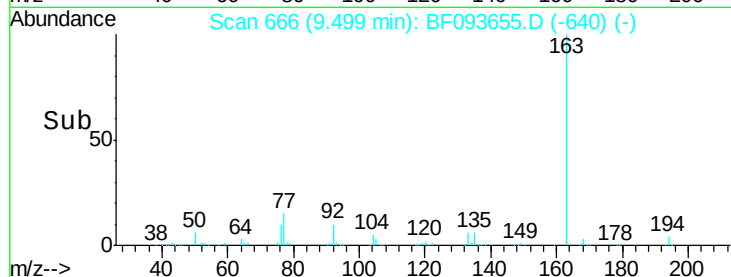
164 9.8 8.0 12.0



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: 45.18 ng

RT: 9.57 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

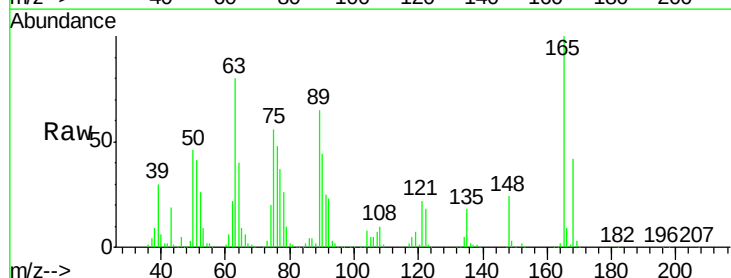
Tgt Ion:165 Resp: 236936

Ion Ratio Lower Upper

165 100

63 80.5 36.2 54.4#

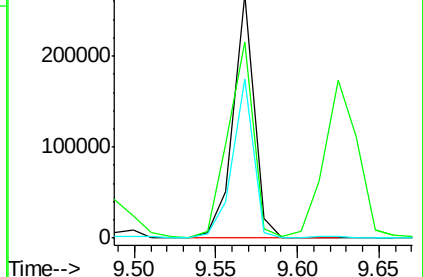
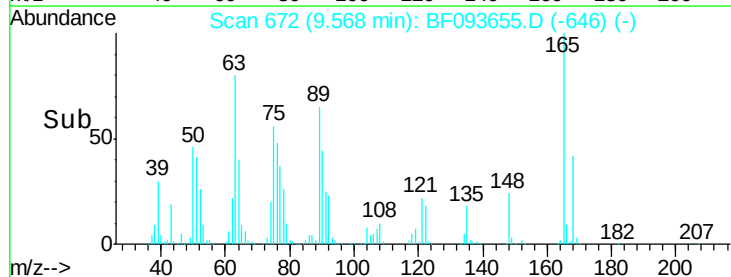
89 65.3 40.2 60.4#

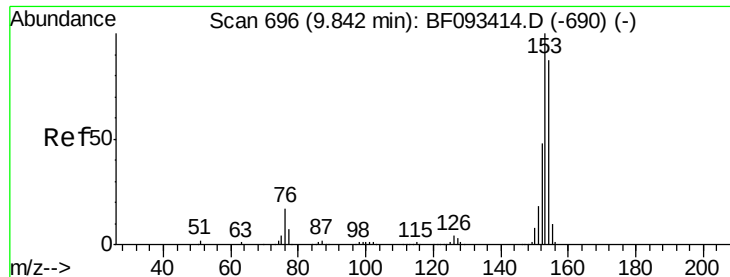


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.69 ng

RT: 9.80 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

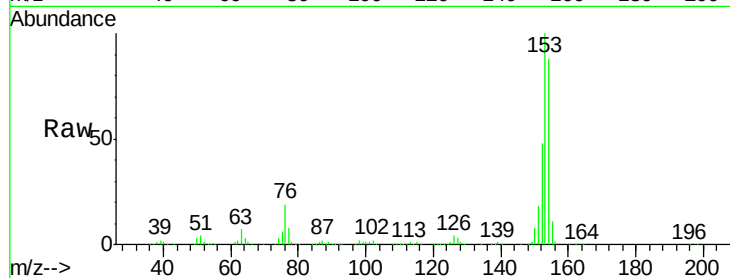
Tot Ion:154 Resp: 876000

Ion Ratio Lower Upper

154 100

153 114.2 88.6 133.0

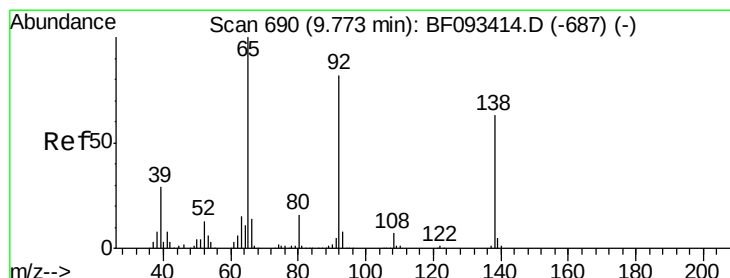
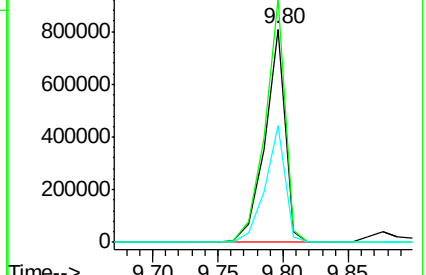
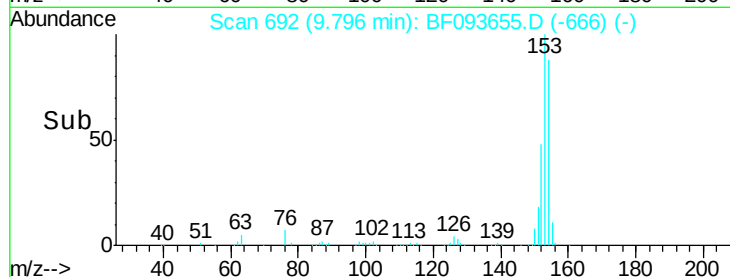
152 54.9 41.6 62.4



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: 14.11 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

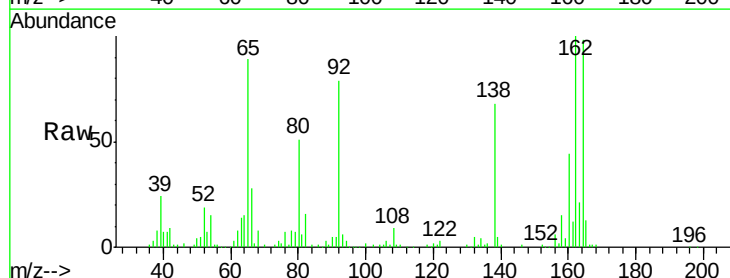
Tgt Ion:138 Resp: 88918

Ion Ratio Lower Upper

138 100

108 13.8 8.5 12.7#

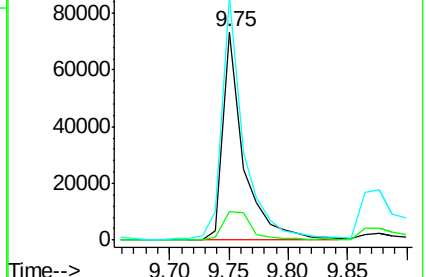
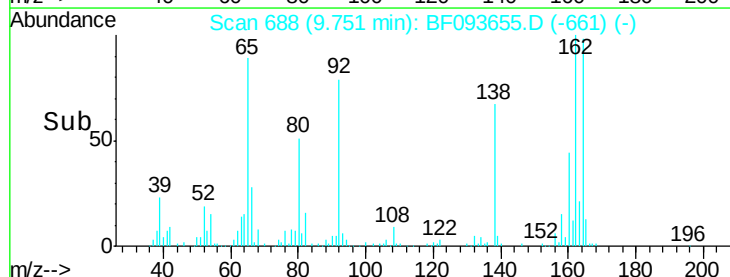
92 117.1 97.8 146.8

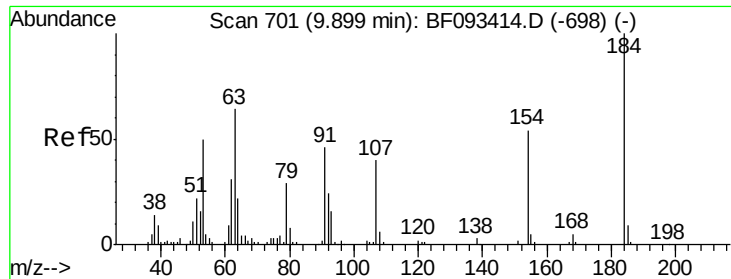


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

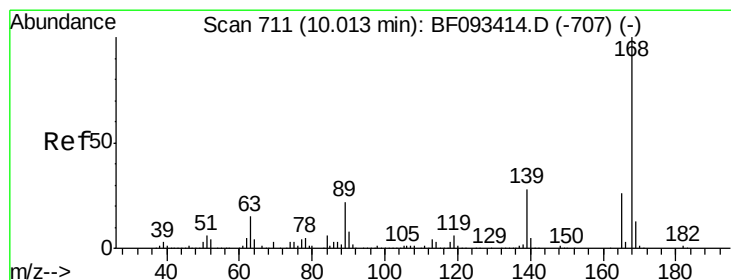
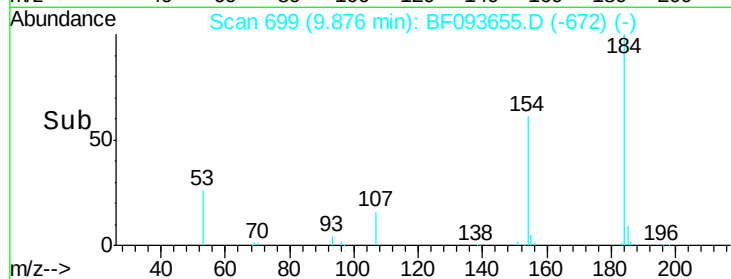
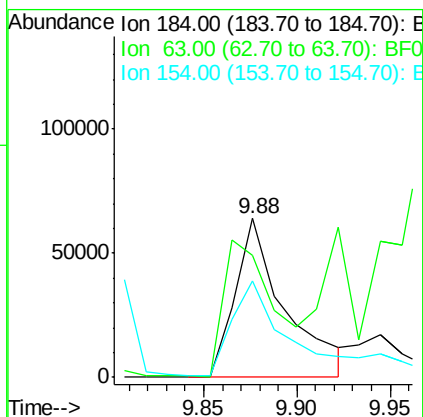
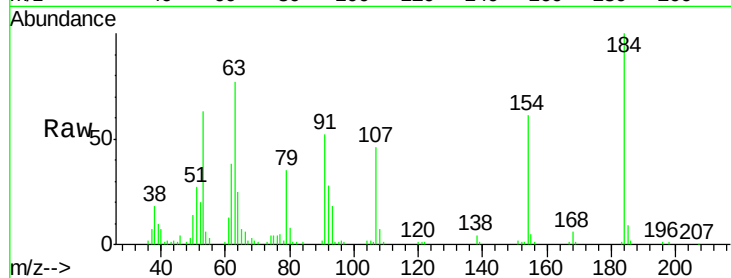




#53
2,4-Dinitrophenol
Concen: 49.77 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

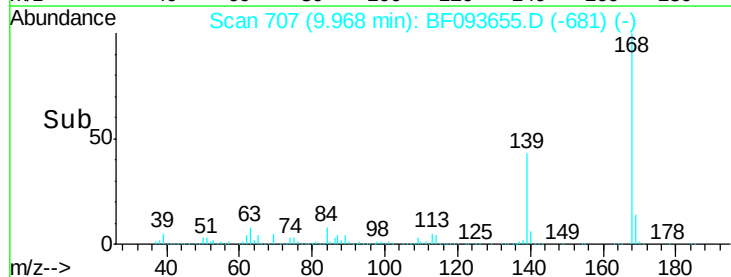
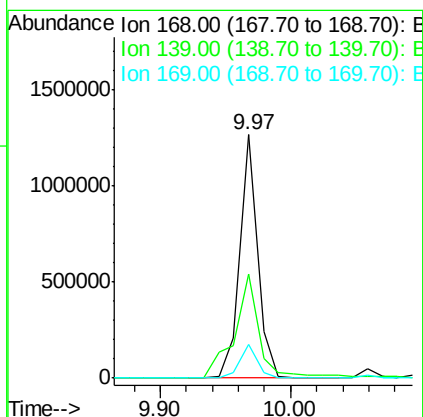
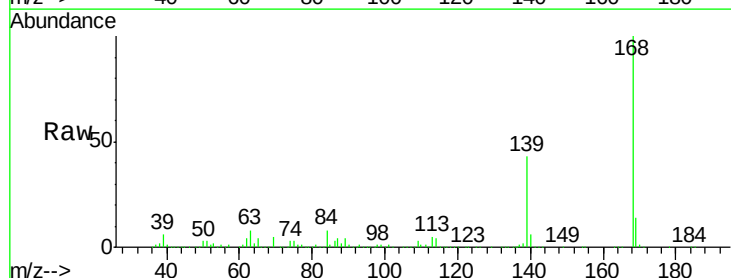
Instrument :
BNA_M
ClientSampleId :
PB97558BS

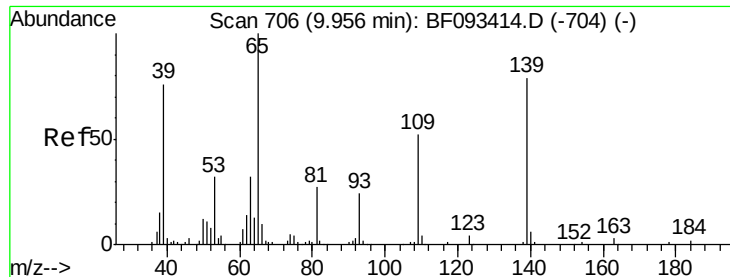
Tot Ion:184 Resp: 118845
Ion Ratio Lower Upper
184 100
63 76.8 28.4 42.6#
154 60.6 44.3 66.5



#54
Dibenzofuran
Concen: 48.42 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Tgt Ion:168 Resp: 1188103
Ion Ratio Lower Upper
168 100
139 42.9 32.6 49.0
169 13.7 11.3 16.9

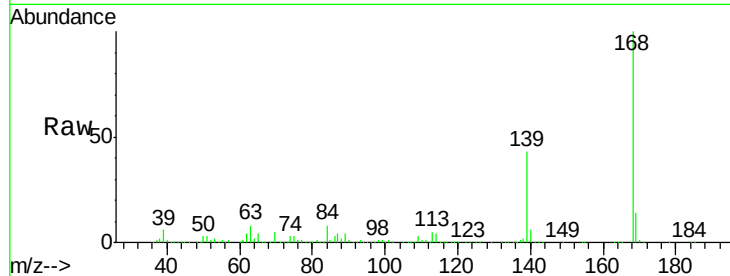




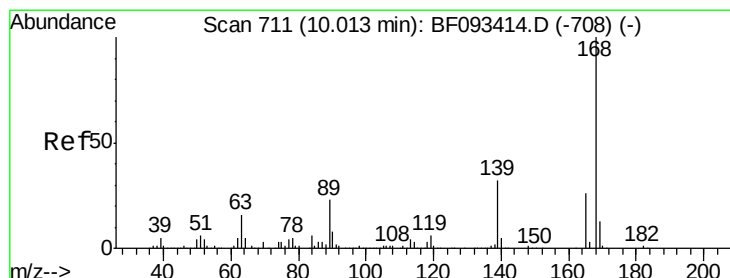
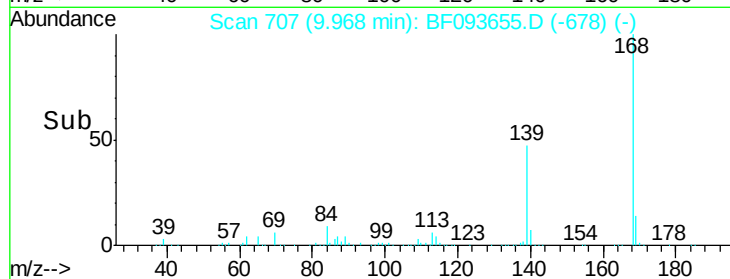
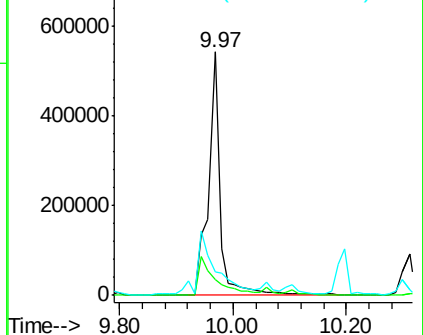
#55
4-Nitrophenol
Concen: 246.50 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Instrument :
BNA_M
ClientSampled :
PB97558BS

Tot Ion:139 Resp: 754272
Ion Ratio Lower Upper
139 100
109 6.3 52.2 92.2#
65 9.7 85.8 125.8#



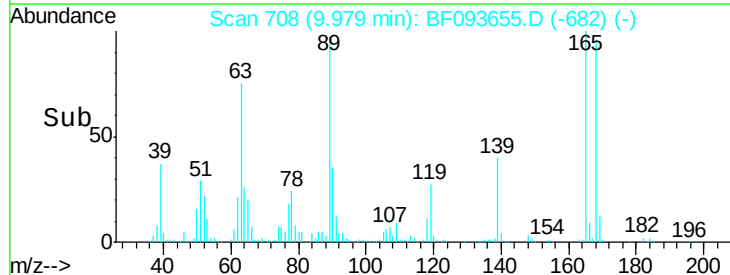
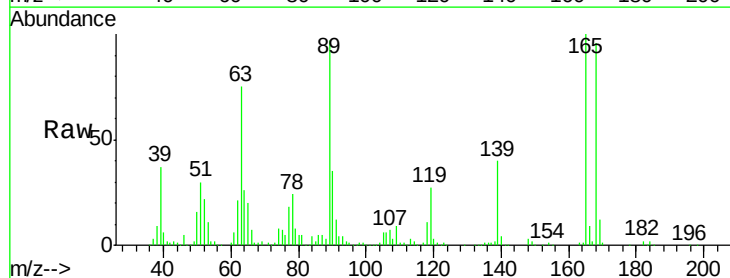
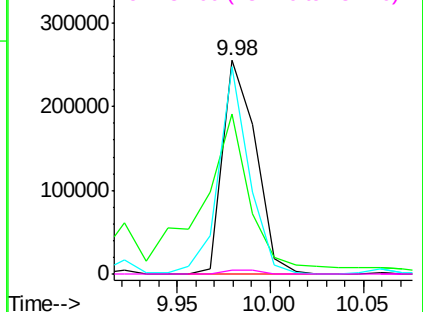
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

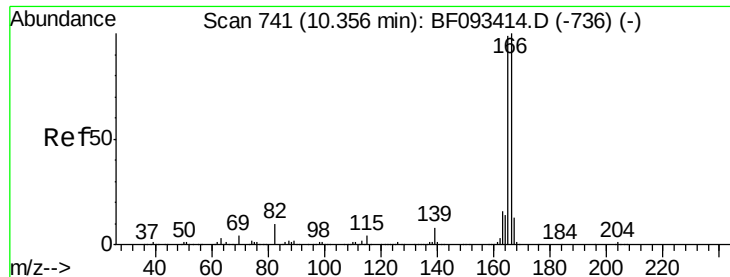


#56
2,4-Dinitrotoluene
Concen: 49.16 ng
RT: 9.98 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Tgt Ion:165 Resp: 316686
Ion Ratio Lower Upper
165 100
63 75.0 40.2 60.4#
89 96.8 62.5 93.7#
182 2.1 1.8 2.8

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

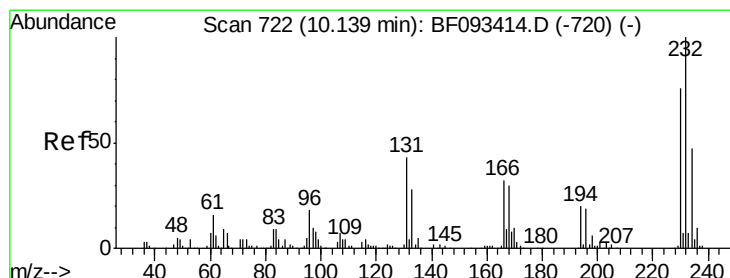
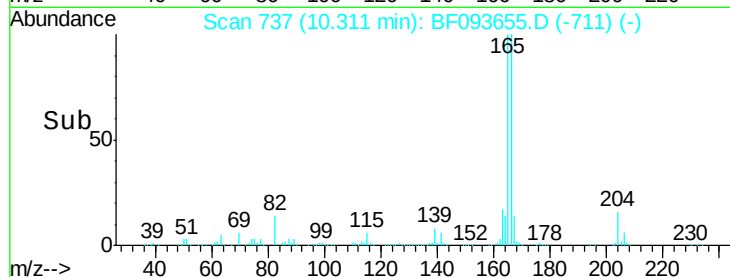
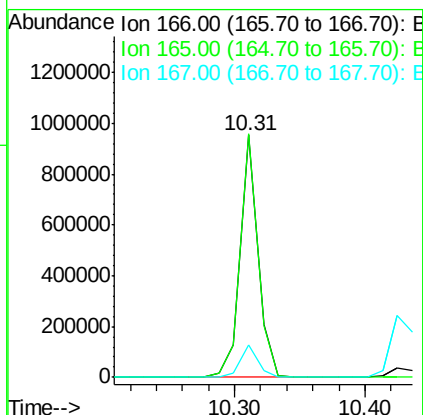
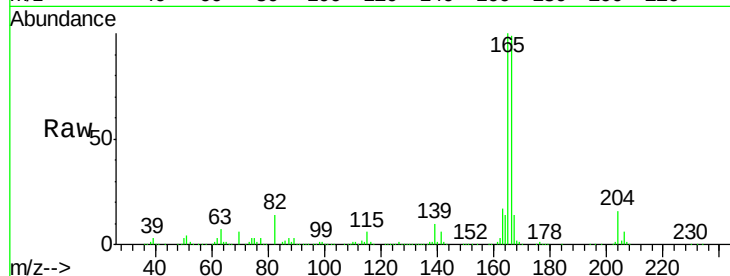




#57
 Fluorene
 Concen: 43.25 ng
 RT: 10.31 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

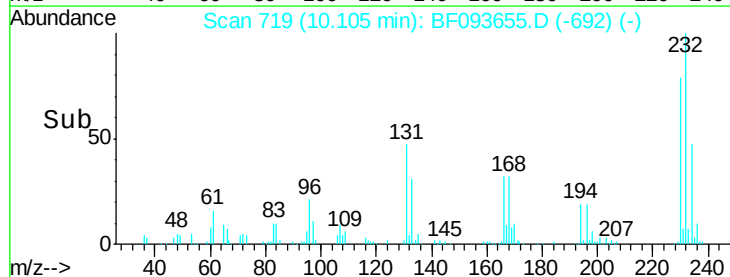
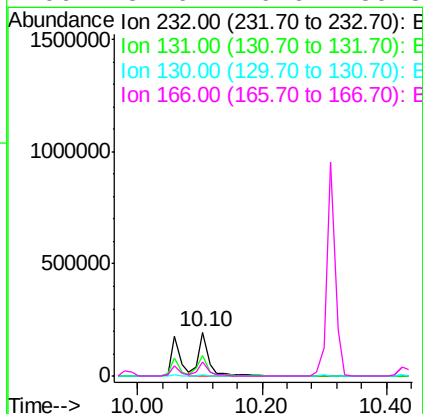
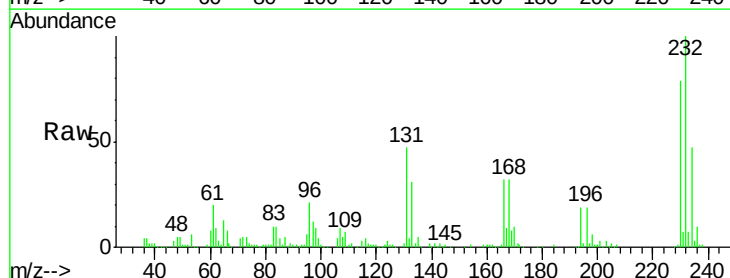
Instrument :
 BNA_M
 ClientSampleId :
 PB97558BS

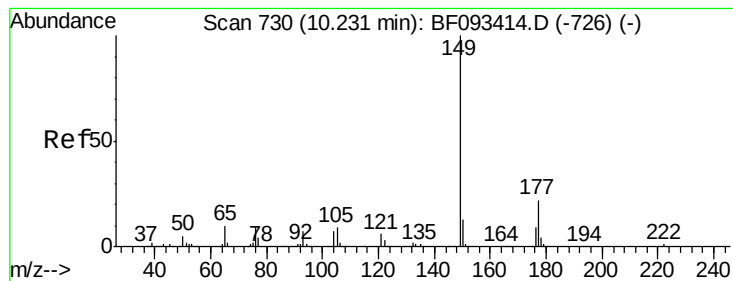
Tot Ion:166 Resp: 899213
 Ion Ratio Lower Upper
 166 100
 165 100.6 77.8 116.8
 167 13.6 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.02 ng
 RT: 10.10 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

Tgt Ion:232 Resp: 232925
 Ion Ratio Lower Upper
 232 100
 131 48.9 40.1 60.1
 130 2.4 1.8 2.8
 166 31.6 26.6 39.8





#59

Diethylphthalate

Concen: 48.53 ng

RT: 10.20 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampled :

PB97558BS

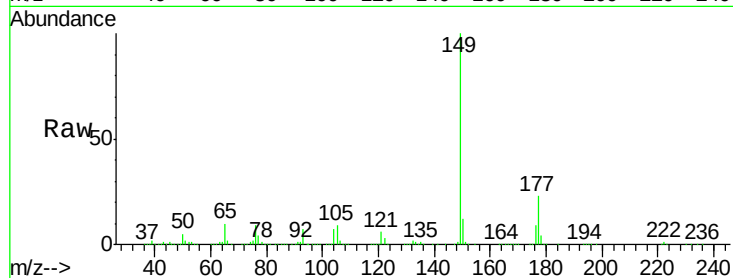
Tot Ion:149 Resp: 1108508

Ion Ratio Lower Upper

149 100

177 22.5 16.6 25.0

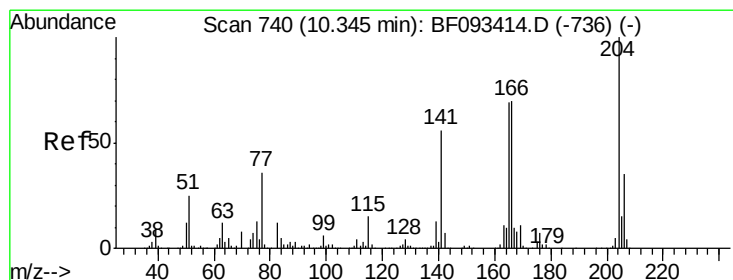
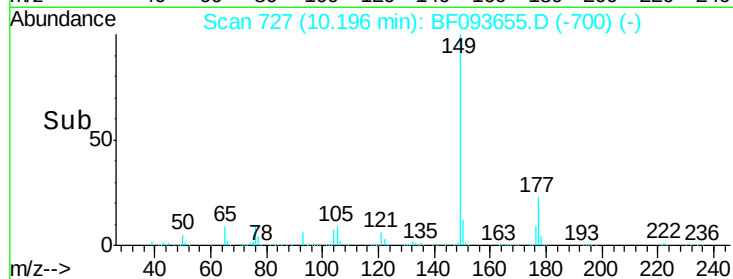
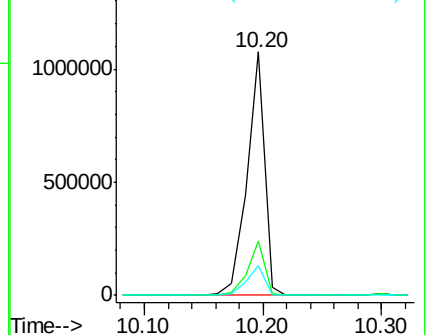
150 12.5 10.4 15.6



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: 44.31 ng

RT: 10.30 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

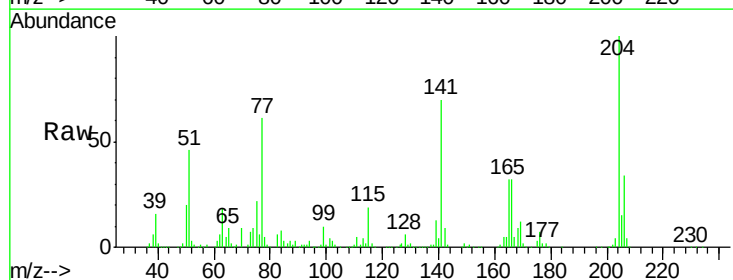
Tgt Ion:204 Resp: 412907

Ion Ratio Lower Upper

204 100

206 34.1 25.8 38.6

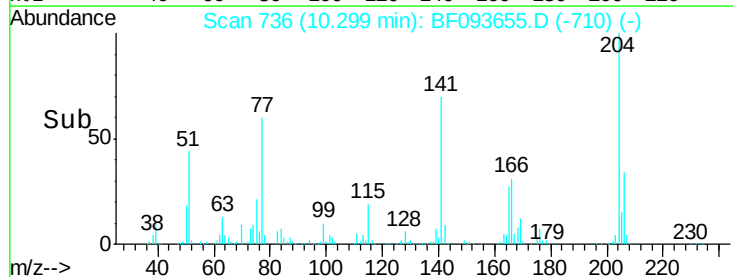
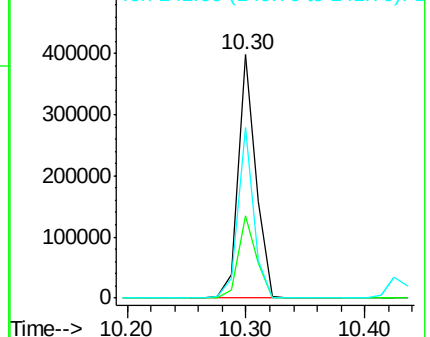
141 70.2 59.4 89.0

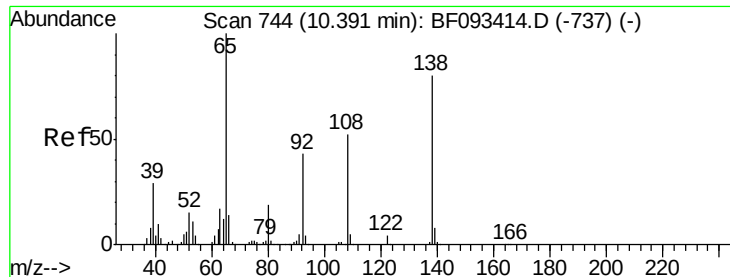


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

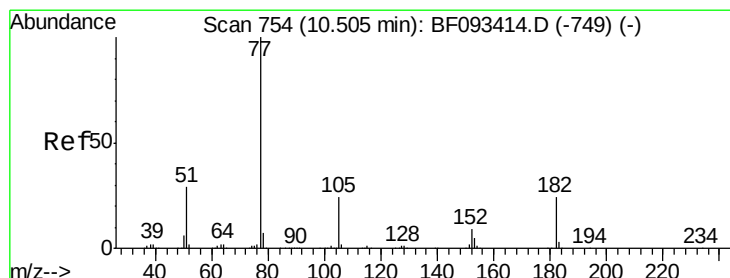
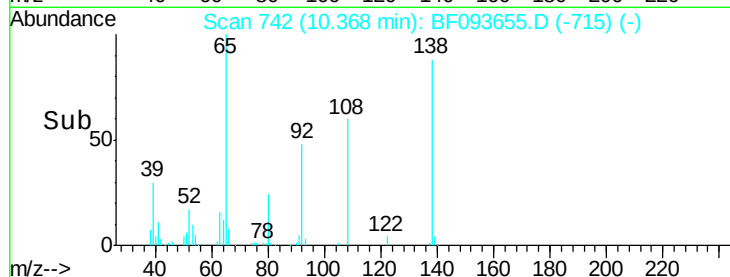
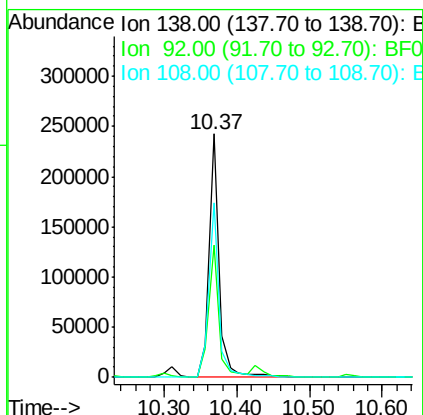
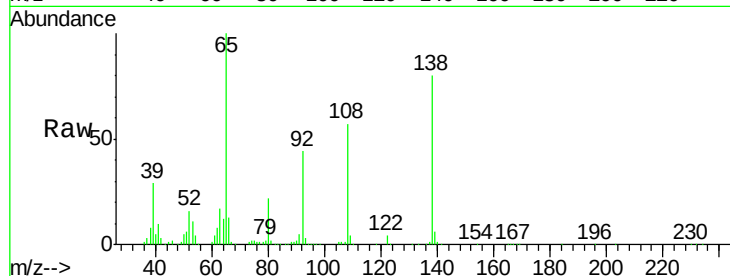




#61
4-Nitroaniline
Concen: 36.80 ng
RT: 10.37 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

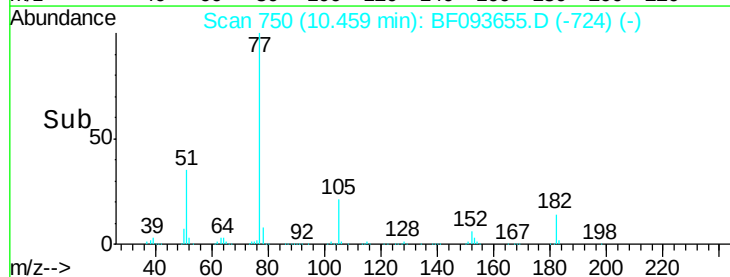
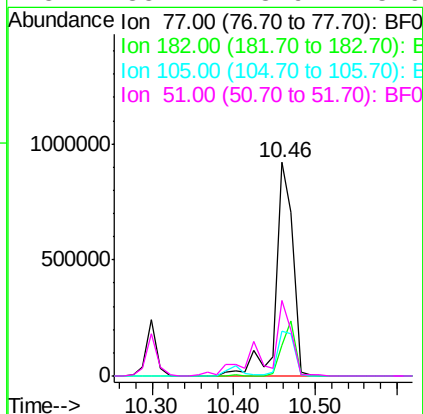
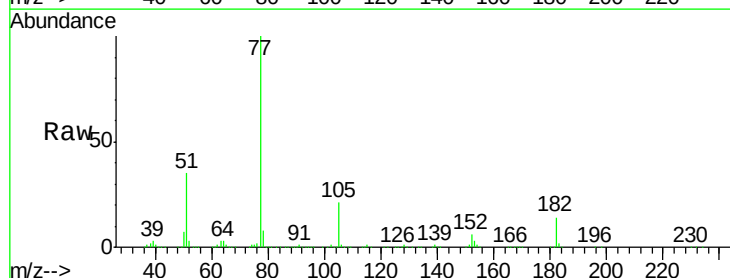
Instrument :
BNA_M
ClientSampleId :
PB97558BS

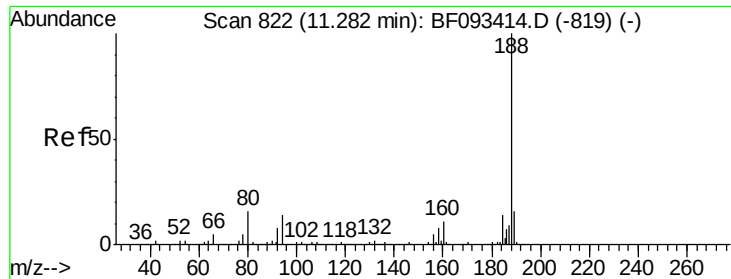
Tot Ion:138 Resp: 237117
Ion Ratio Lower Upper
138 100
92 54.4 31.7 71.7
108 71.5 52.6 92.6



#62
Azobenzene
Concen: 51.10 ng
RT: 10.46 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Tgt Ion: 77 Resp: 1326247
Ion Ratio Lower Upper
77 100
182 14.3 0.0 39.3
105 21.0 2.3 42.3
51 35.1 8.9 48.9

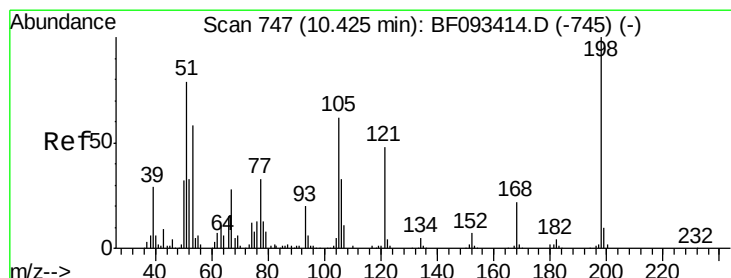
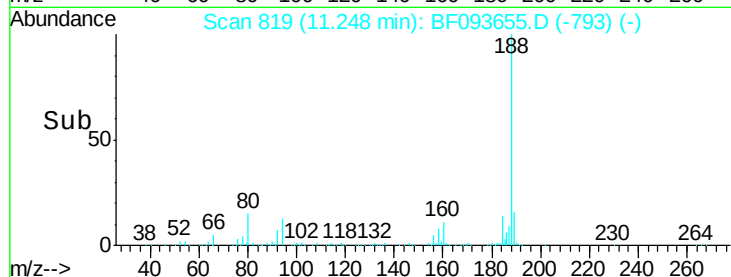
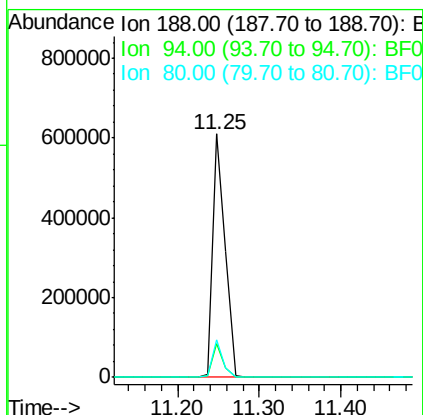
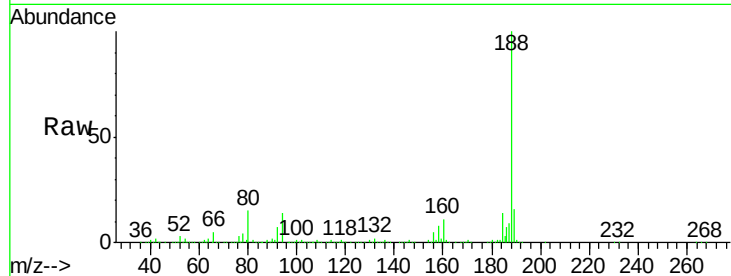




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

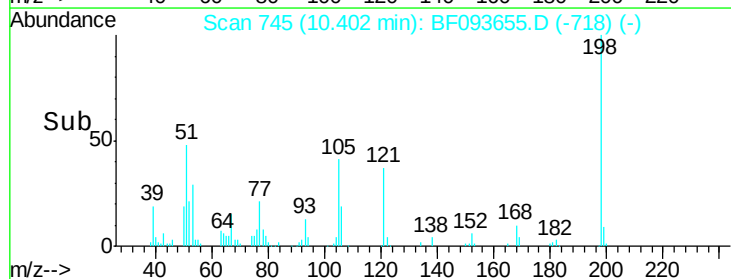
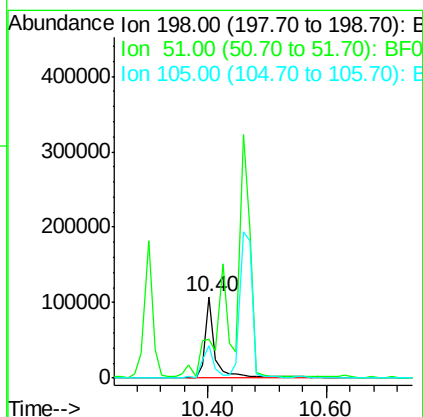
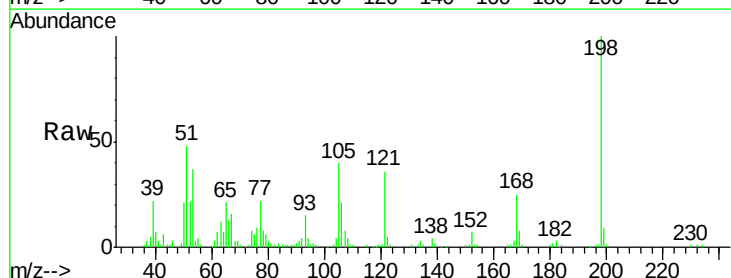
Instrument :
BNA_M
ClientSampleId :
PB97558BS

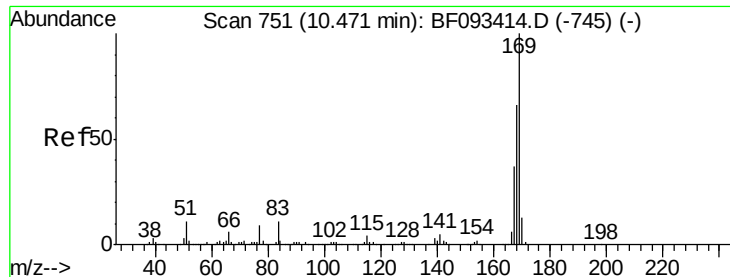
Tot Ion:188 Resp: 648896
Ion Ratio Lower Upper
188 100
94 13.9 10.0 15.0
80 15.3 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 32.56 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Tgt Ion:198 Resp: 136885
Ion Ratio Lower Upper
198 100
51 48.3 6.7 46.7#
105 39.8 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 38.02 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

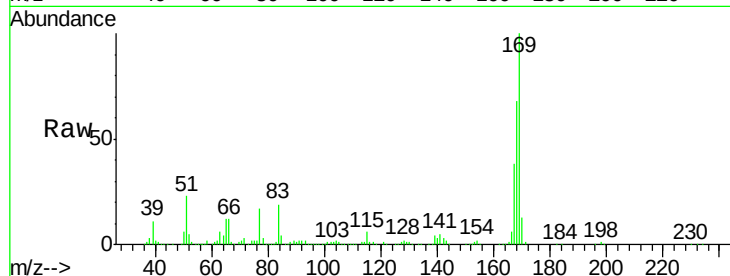
Tot Ion:169 Resp: 823765

Ion Ratio Lower Upper

169 100

168 68.2 54.2 81.2

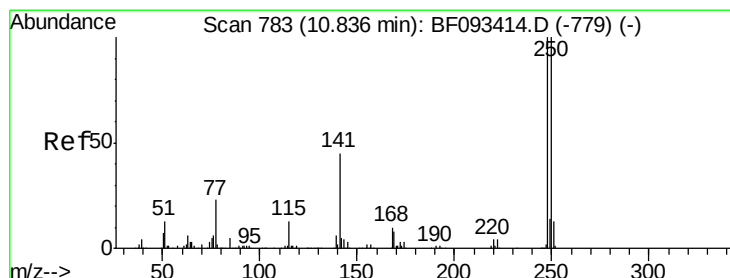
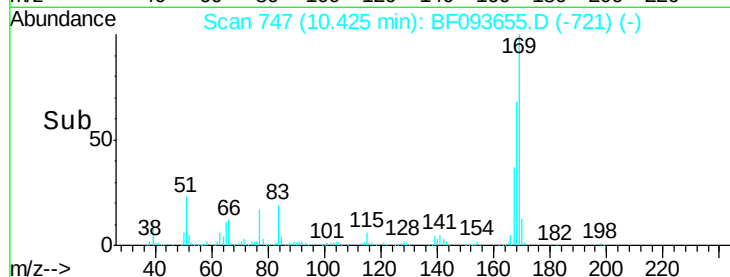
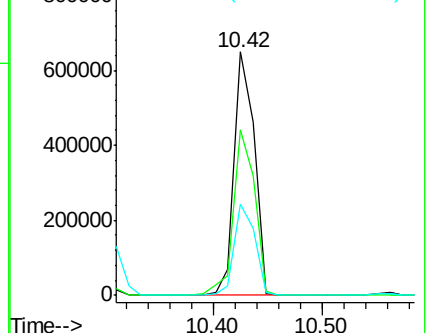
167 37.6 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.27 ng

RT: 10.79 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

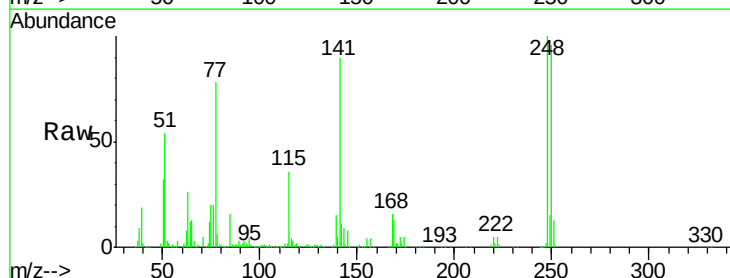
Tgt Ion:248 Resp: 255726

Ion Ratio Lower Upper

248 100

250 95.6 76.9 115.3

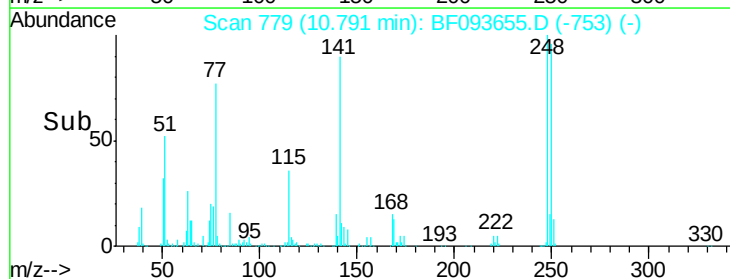
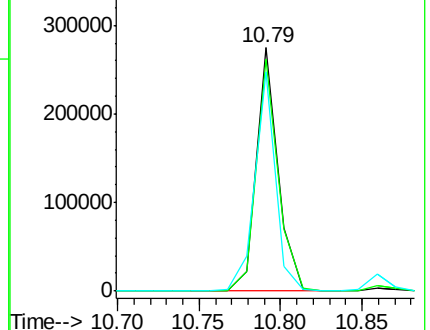
141 90.1 68.2 102.4

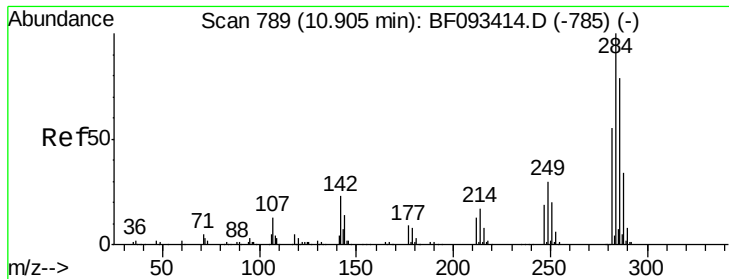


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.21 ng

RT: 10.86 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampled :

PB97558BS

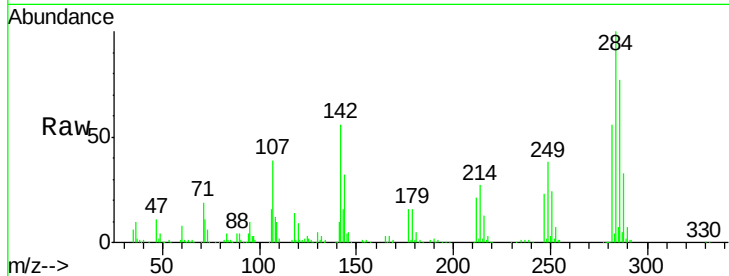
Tot Ion:284 Resp: 243795

Ion Ratio Lower Upper

284 100

142 56.3 22.6 33.8#

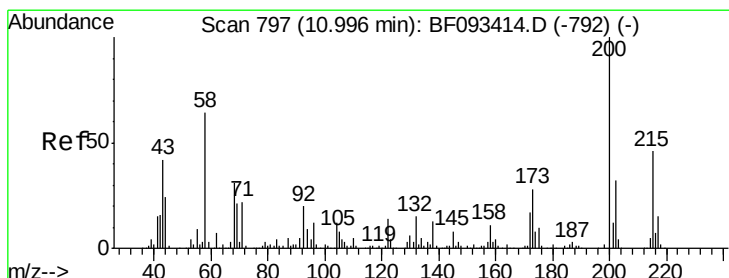
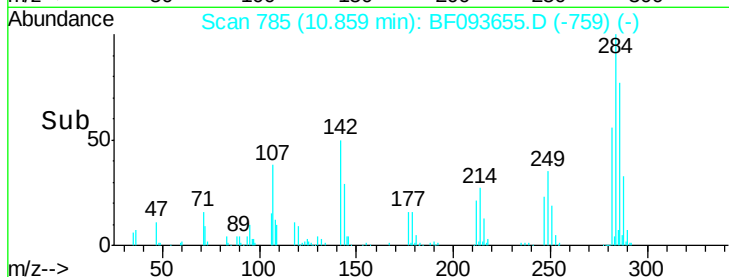
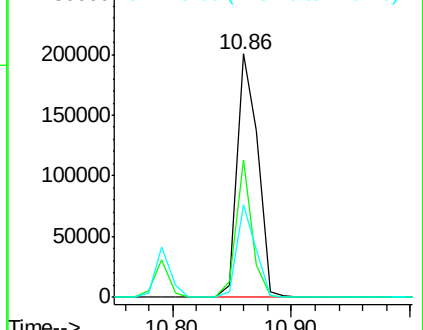
249 37.9 25.4 38.0



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: 37.65 ng

RT: 10.96 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

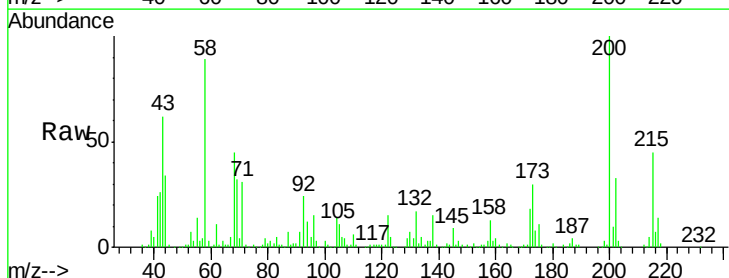
Tgt Ion:200 Resp: 238791

Ion Ratio Lower Upper

200 100

173 29.9 9.6 49.6

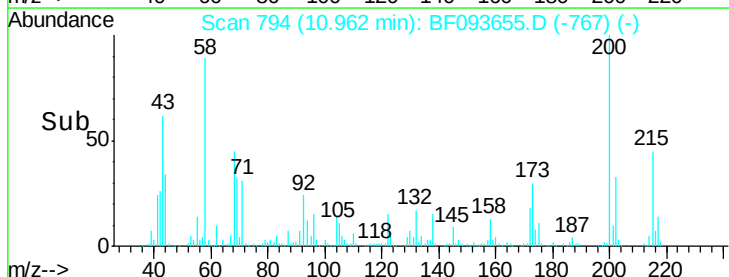
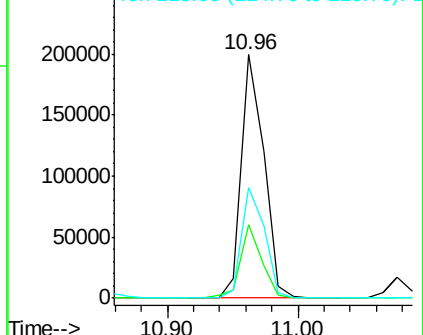
215 45.1 25.7 65.7

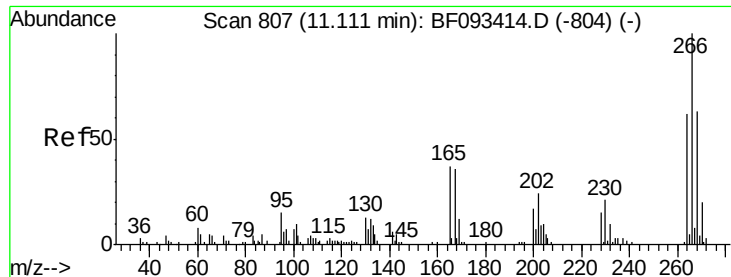


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

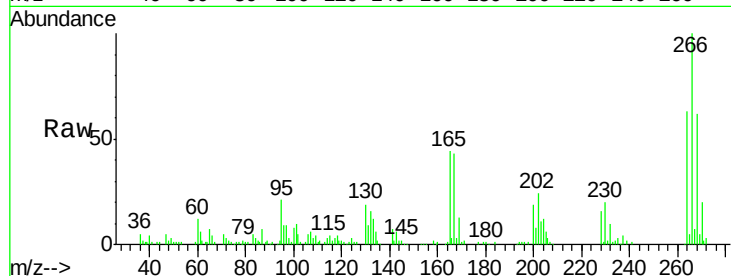




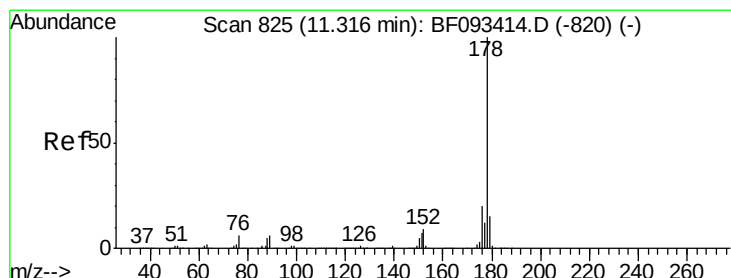
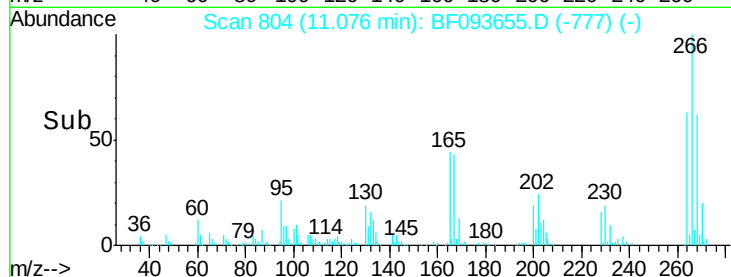
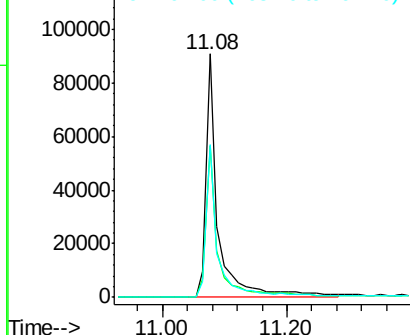
#69
 Pentachlorophenol
 Concen: 54.77 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

Instrument :
 BNA_M
 ClientSampleId :
 PB97558BS

Tot Ion:266 Resp: 123912
 Ion Ratio Lower Upper
 266 100
 268 62.1 53.3 79.9
 264 62.7 50.3 75.5

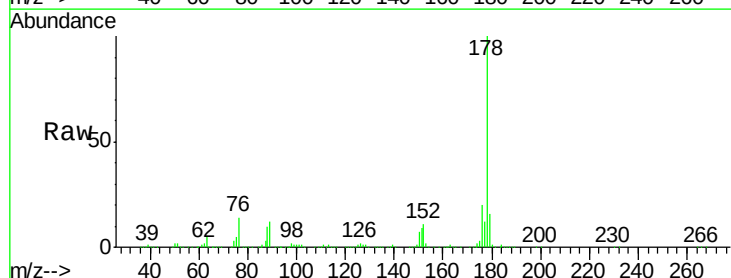


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

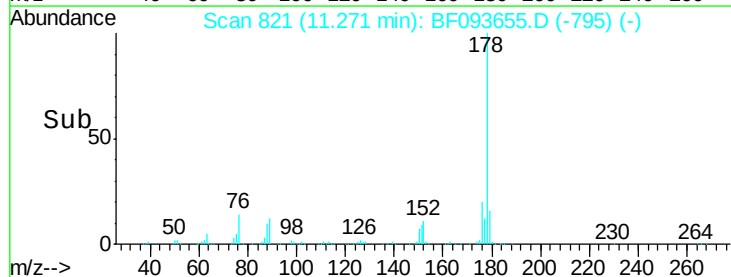
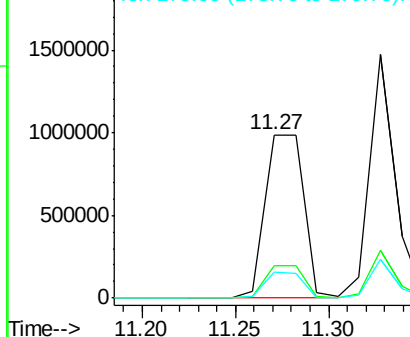


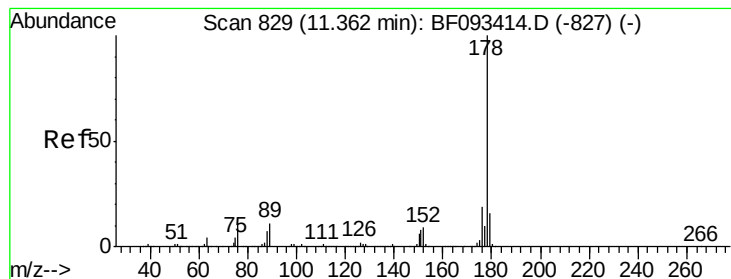
#70
 Phenanthrene
 Concen: 38.01 ng
 RT: 11.27 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

Tgt Ion:178 Resp: 1407925
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.8 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: 37.52 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

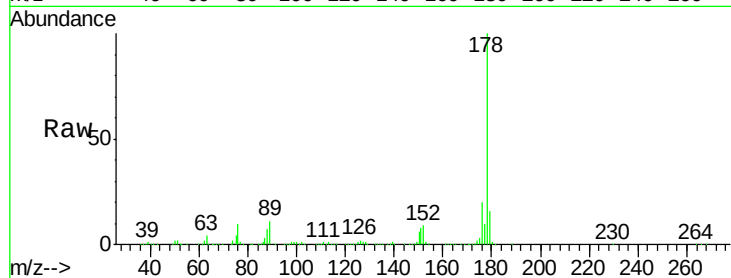
Tot Ion:178 Resp: 1405644

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

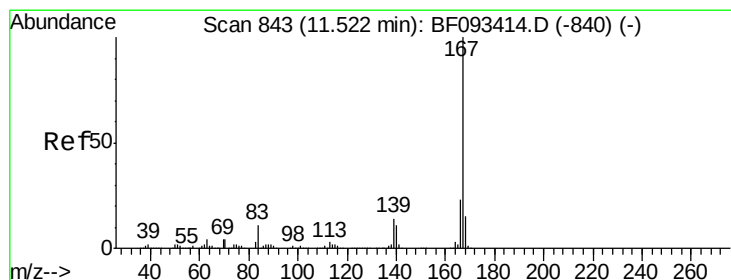
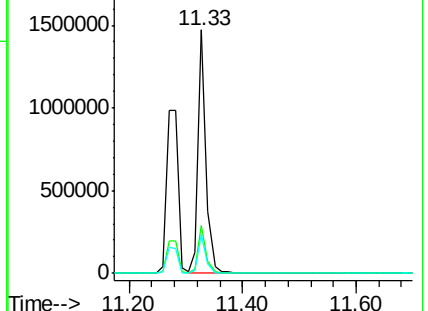
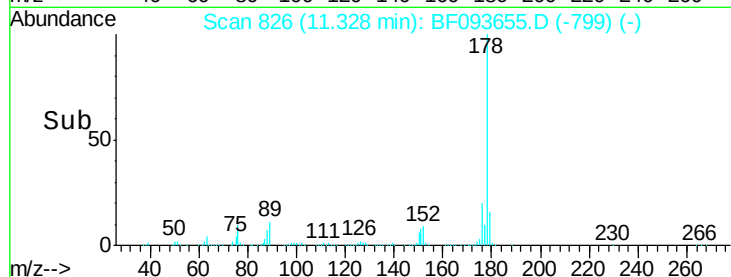
179 15.8 13.2 19.8



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: 38.33 ng

RT: 11.50 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

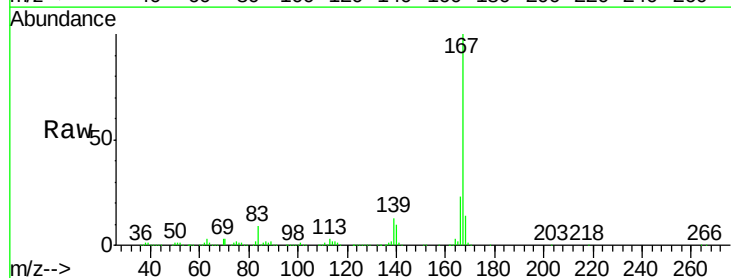
Tgt Ion:167 Resp: 1349160

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

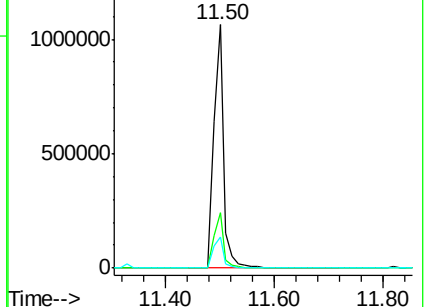
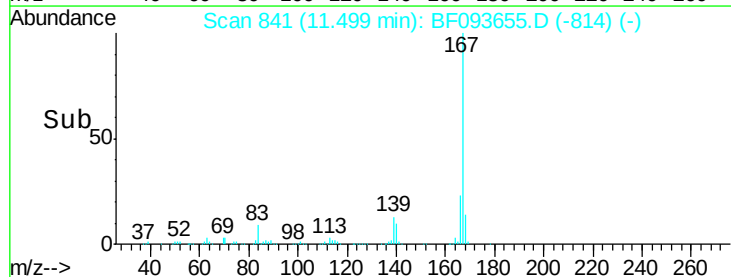
139 12.6 11.4 17.2

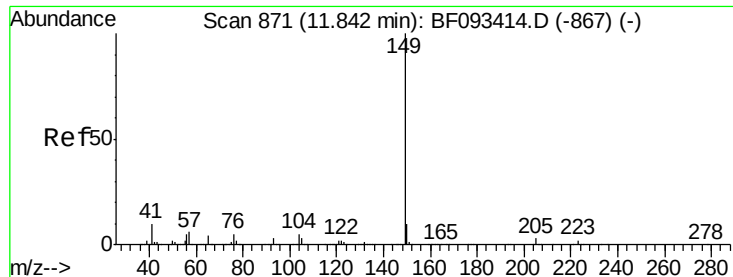


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.95 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

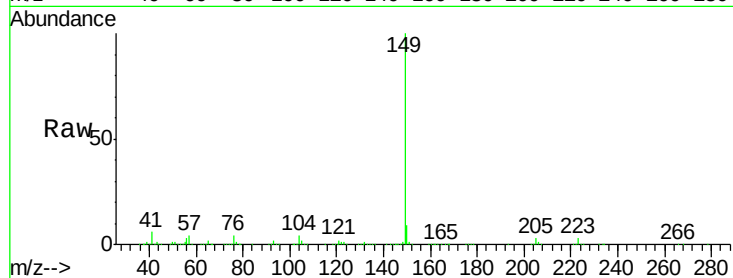
Tot Ion:149 Resp: 1708318

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

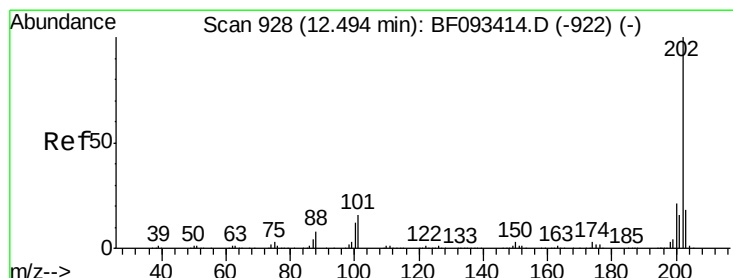
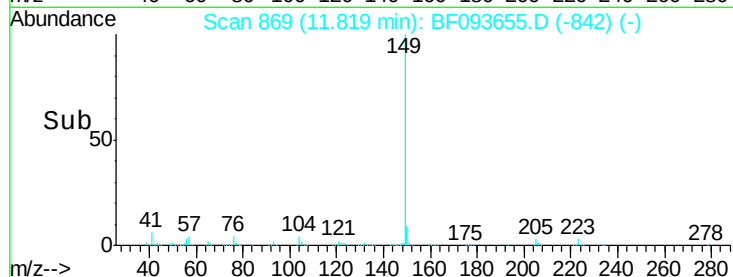
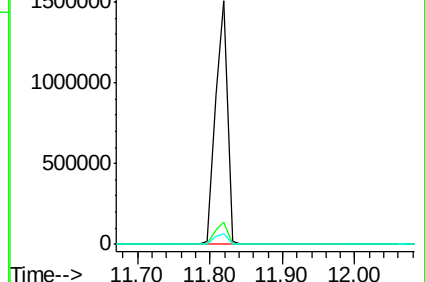
104 4.1 4.6 7.0#



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: 40.08 ng

RT: 12.47 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

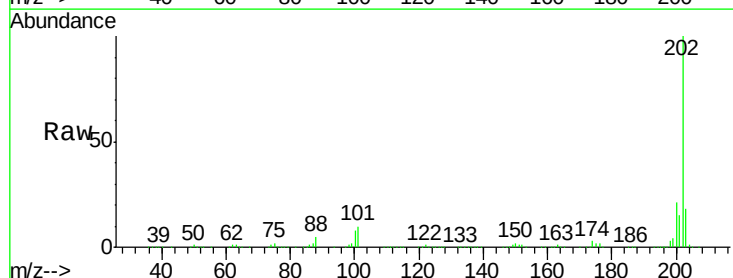
Tgt Ion:202 Resp: 1433925

Ion Ratio Lower Upper

202 100

101 10.1 0.0 34.6

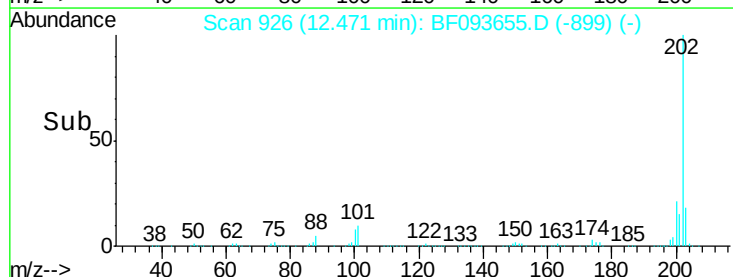
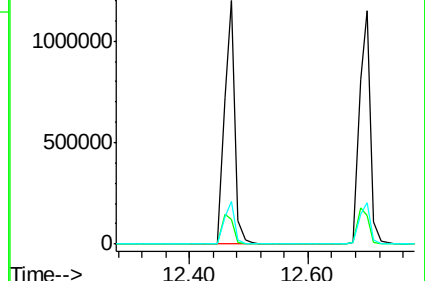
203 17.5 0.0 38.7

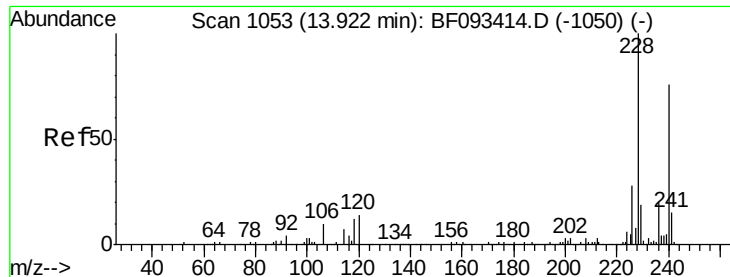


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

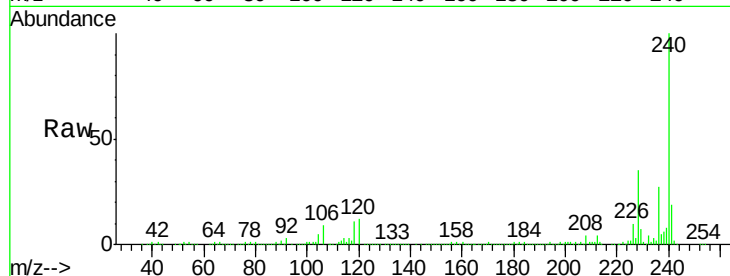
Tot Ion:240 Resp: 501680

Ion Ratio Lower Upper

240 100

120 12.3 12.9 19.3#

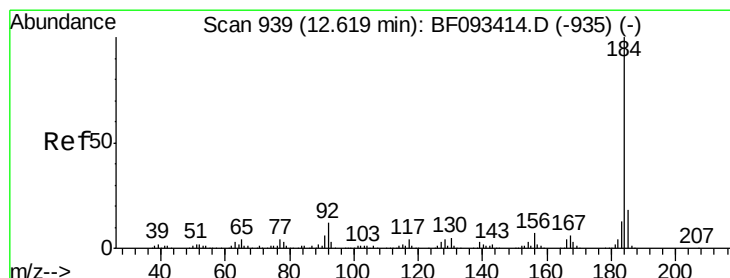
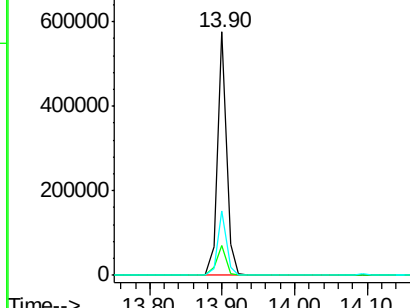
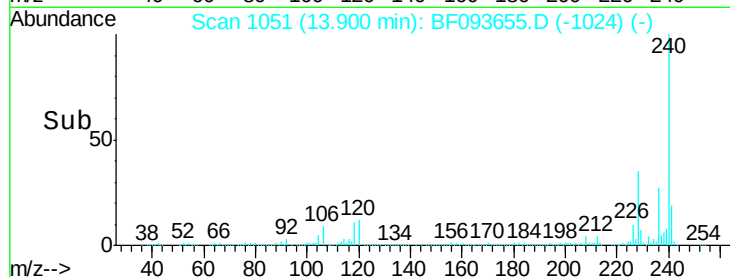
236 26.6 20.9 31.3



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: 22.26 ng

RT: 12.61 min Scan# 938

Delta R.T. 0.02 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

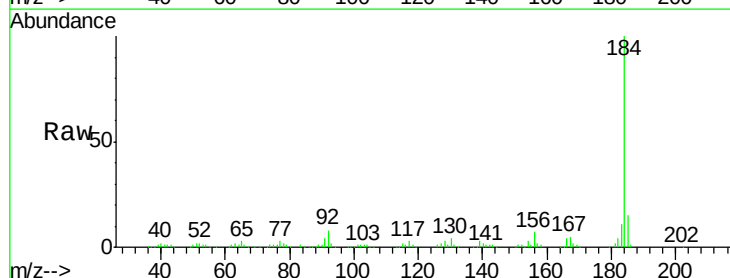
Tgt Ion:184 Resp: 367235

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

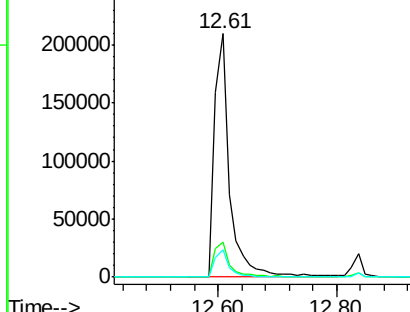
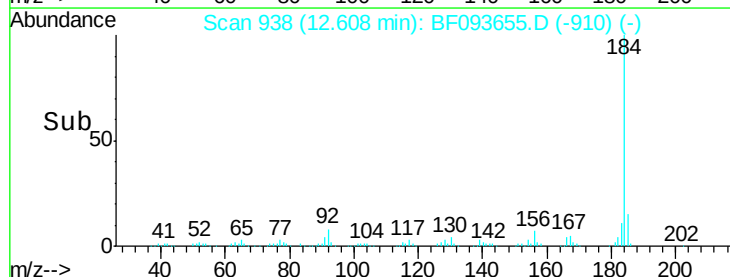
183 11.2 9.2 13.8

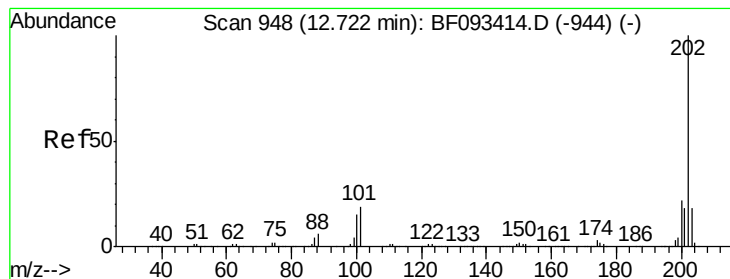


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.60 ng

RT: 12.70 min Scan# 946

Delta R.T. 0.02 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

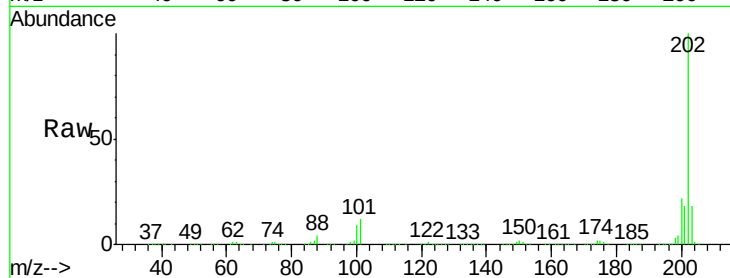
Tot Ion:202 Resp: 1444783

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

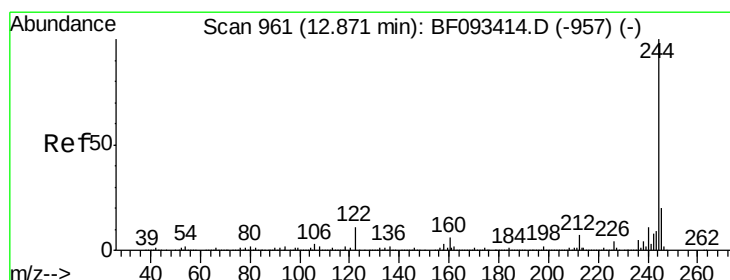
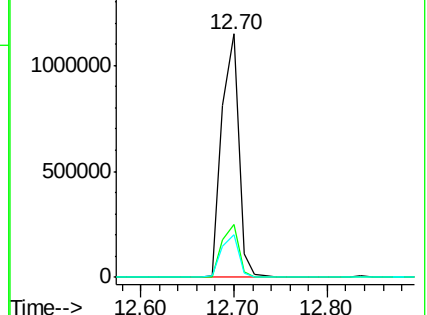
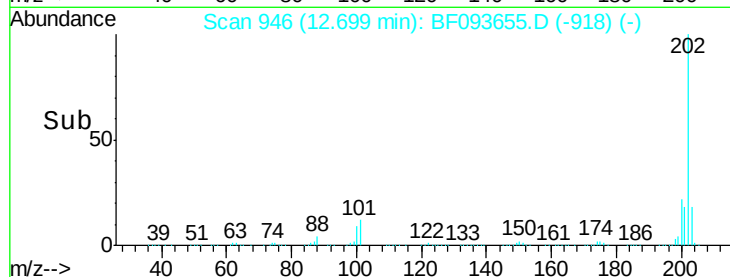
203 17.6 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.45 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

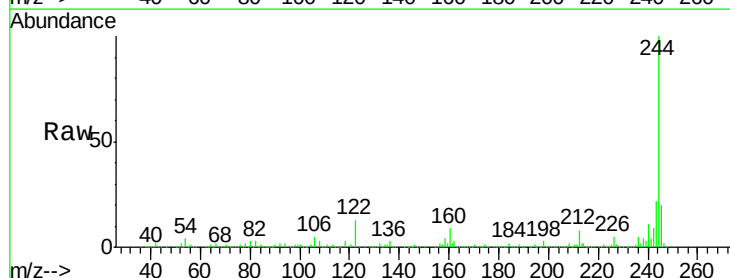
Tgt Ion:244 Resp: 1359445

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

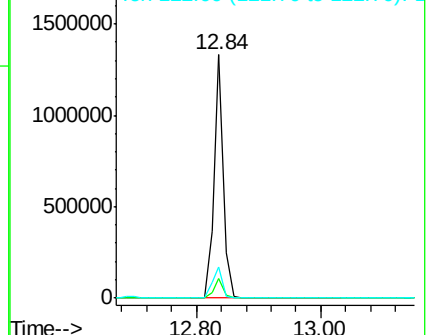
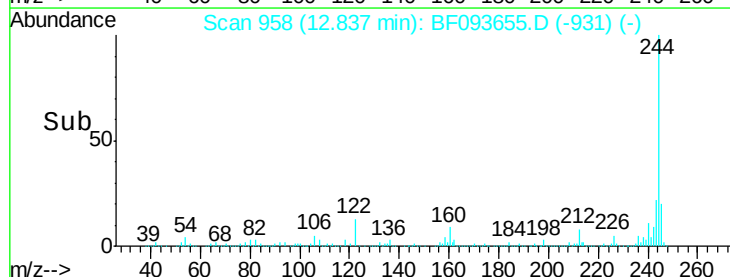
122 13.0 11.4 17.2

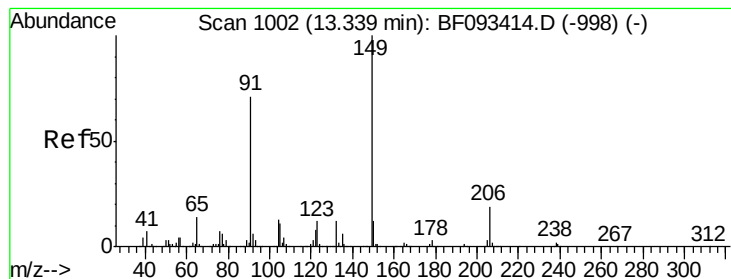


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.58 ng

RT: 13.31 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

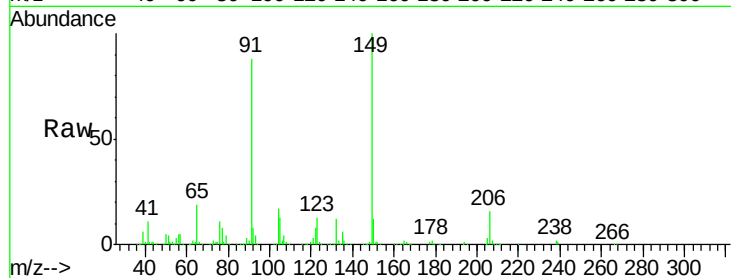
Tot Ion:149 Resp: 700032

Ion Ratio Lower Upper

149 100

91 87.7 63.9 95.9

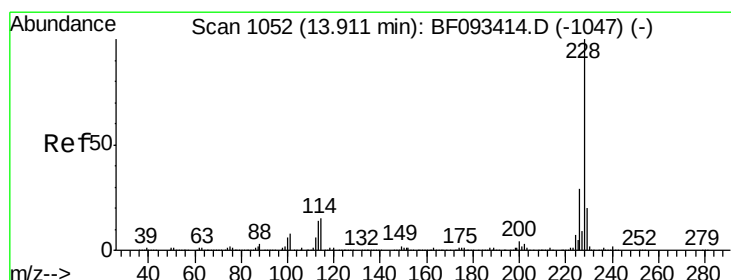
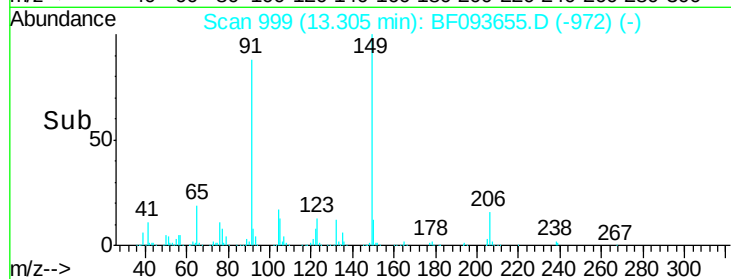
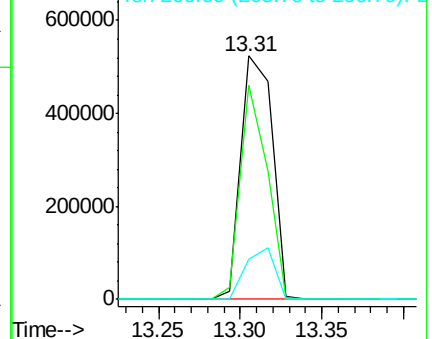
206 16.2 14.6 21.8



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: 37.08 ng

RT: 13.89 min Scan# 1050

Delta R.T. 0.02 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

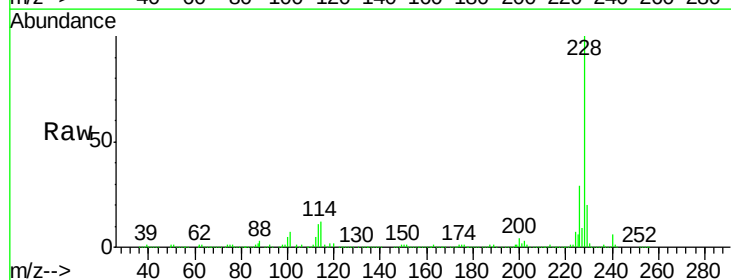
Tgt Ion:228 Resp: 1098480

Ion Ratio Lower Upper

228 100

226 28.7 22.4 33.6

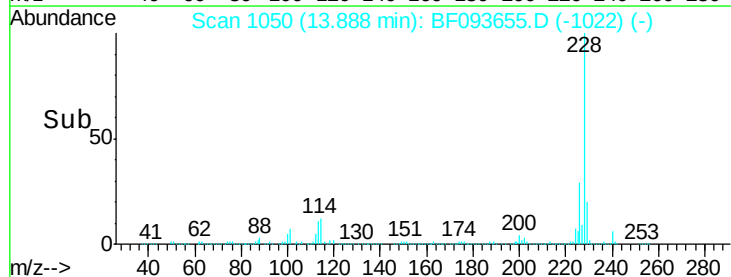
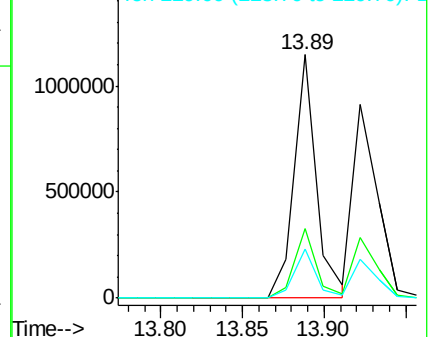
229 20.2 16.2 24.4

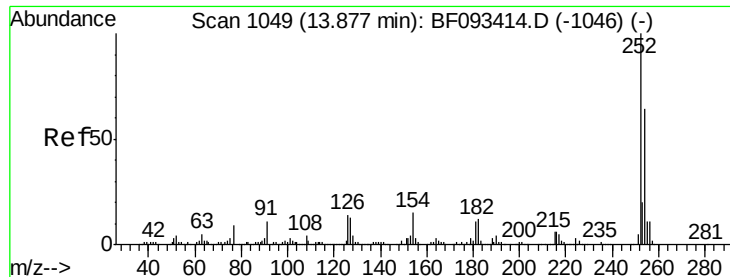


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

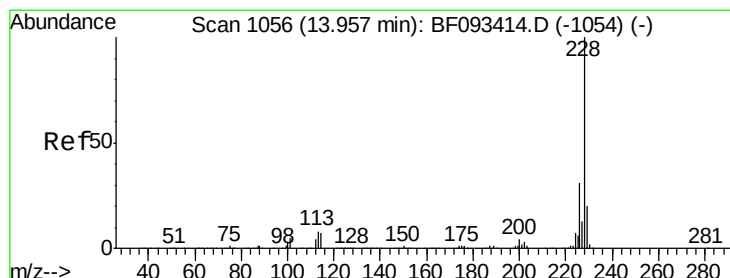
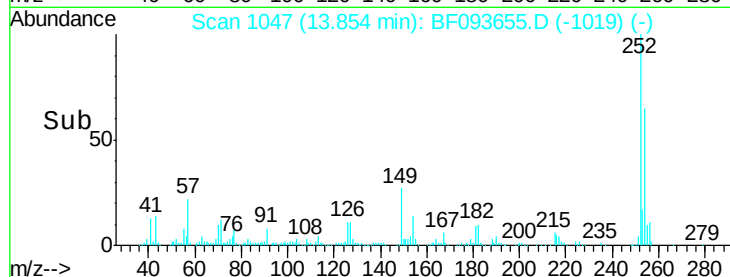
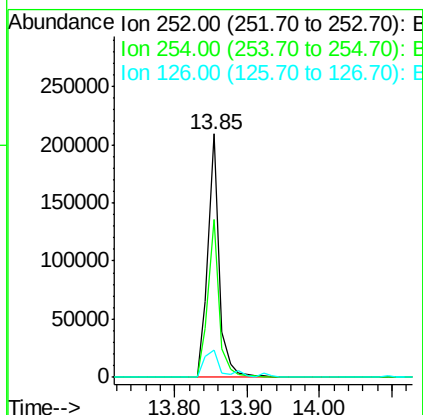
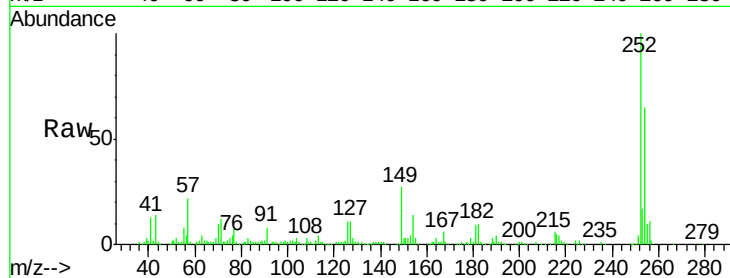




#81
 3,3'-Dichlorobenzidine
 Concen: 22.32 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. 0.02 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

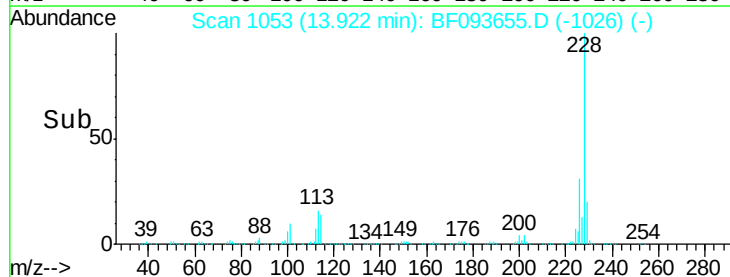
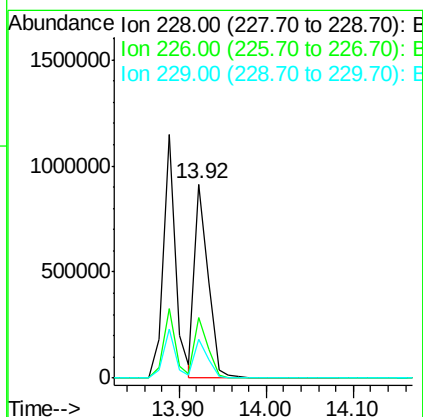
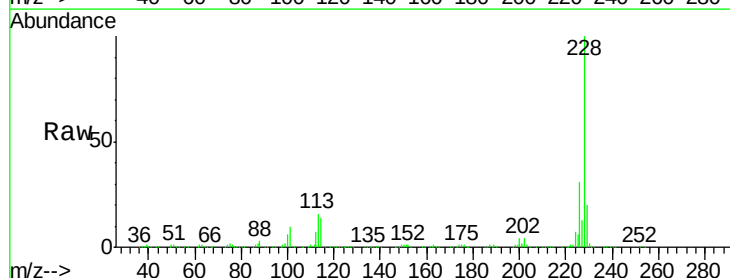
Instrument :
 BNA_M
 ClientSampled :
 PB97558BS

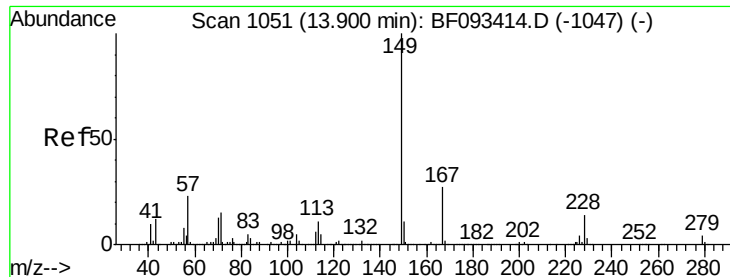
Tot Ion:252 Resp: 231593
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.3 78.5
 126 11.1 13.6 20.4#



#82
 Chrysene
 Concen: 35.98 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093655.D
 Acq: 14 Mar 2017 13:36

Tgt Ion:228 Resp: 986199
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.0
 229 20.2 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.76 ng

RT: 13.87 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

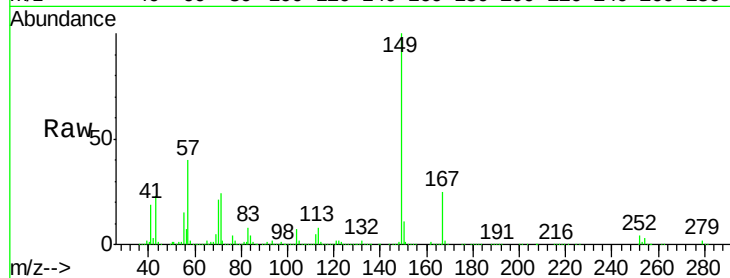
Tot Ion:149 Resp: 915432

Ion Ratio Lower Upper

149 100

167 25.4 20.2 30.4

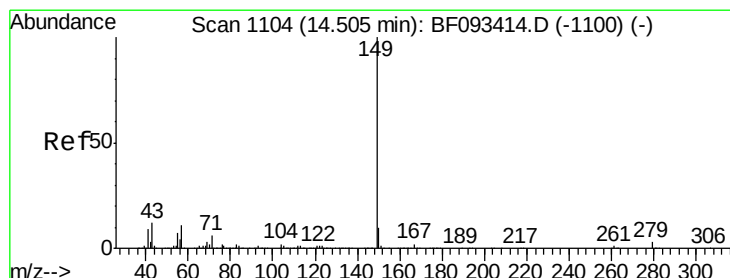
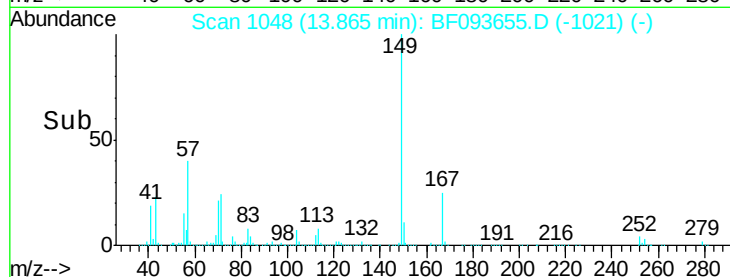
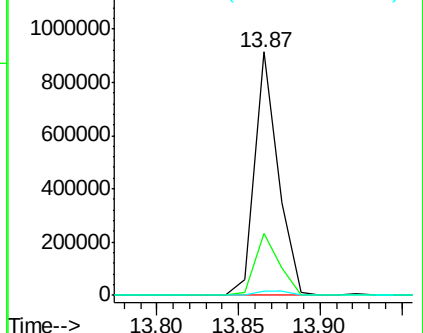
279 2.0 1.8 2.8



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: 43.86 ng

RT: 14.48 min Scan# 1102

Delta R.T. 0.02 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

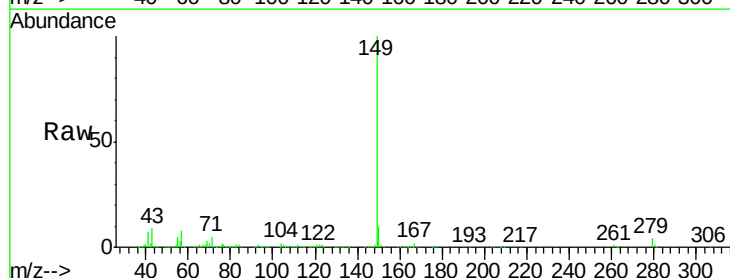
Tgt Ion:149 Resp: 1564833

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

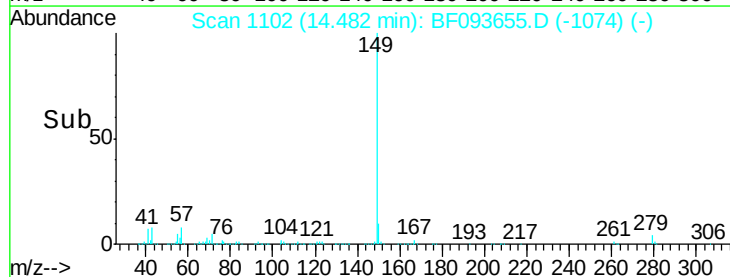
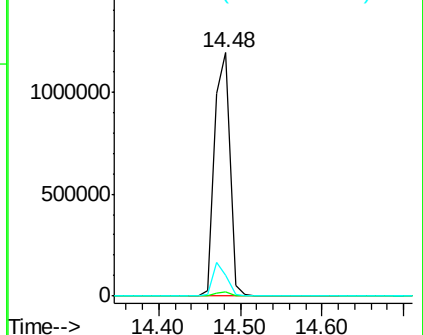
43 12.3 8.9 13.3

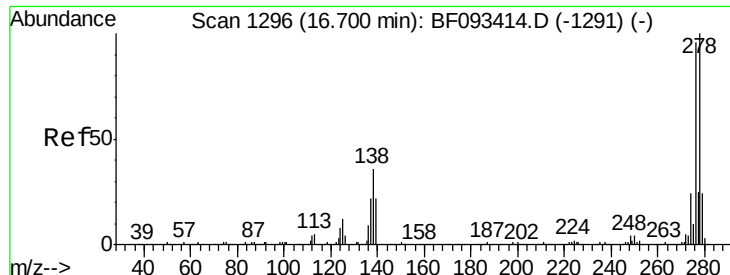


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

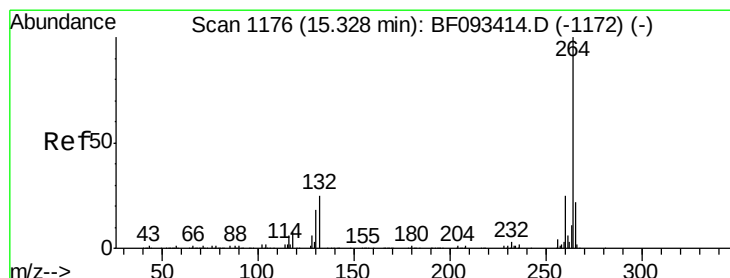
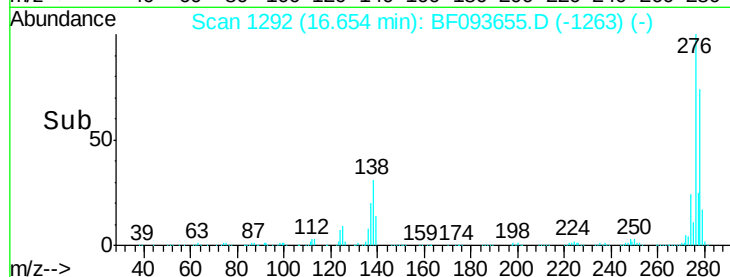
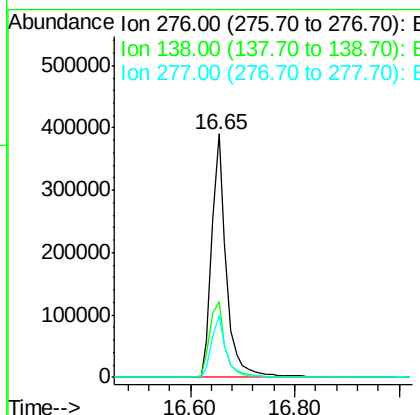
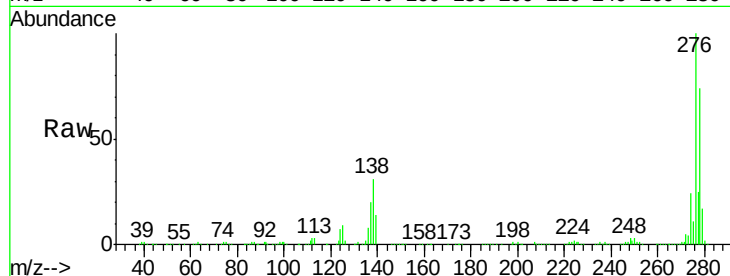




#85
Indeno(1,2,3-cd)pyrene
Concen: 33.12 ng
RT: 16.65 min Scan# 1292
Delta R.T. 0.03 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

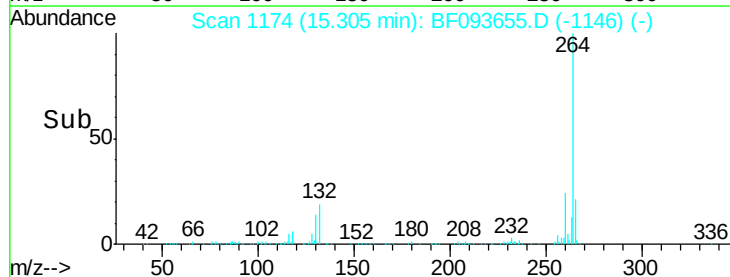
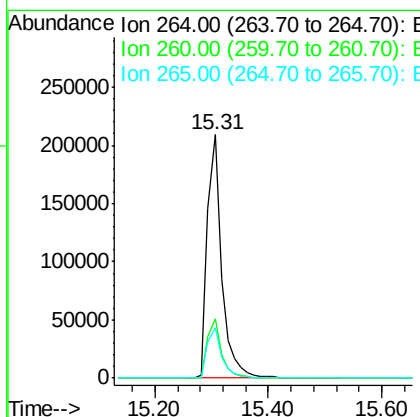
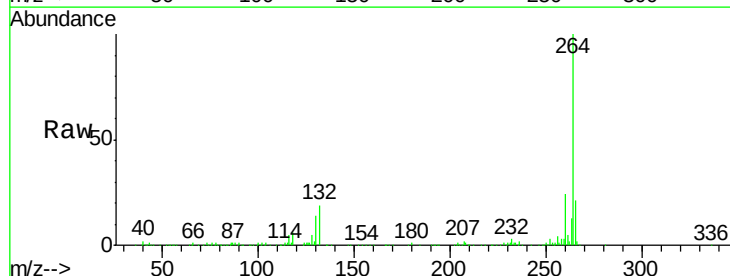
Instrument :
BNA_M
ClientSampleId :
PB97558BS

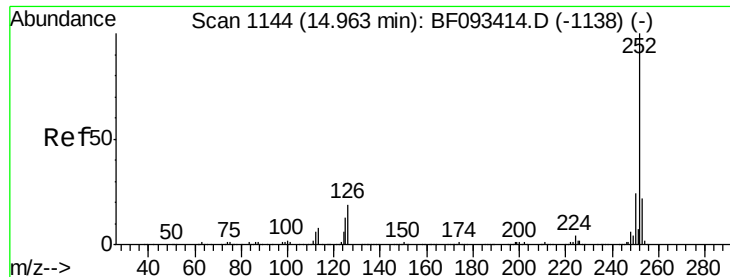
Tot Ion:276 Resp: 759858
Ion Ratio Lower Upper
276 100
138 33.7 21.8 32.6#
277 25.2 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093655.D
Acq: 14 Mar 2017 13:36

Tgt Ion:264 Resp: 353232
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 20.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 81.42 ng

RT: 14.91 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

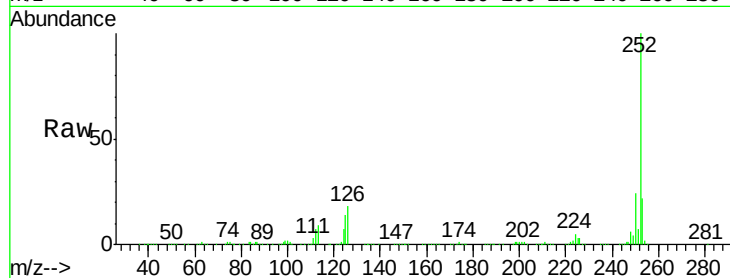
Tot Ion:252 Resp: 1751620

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

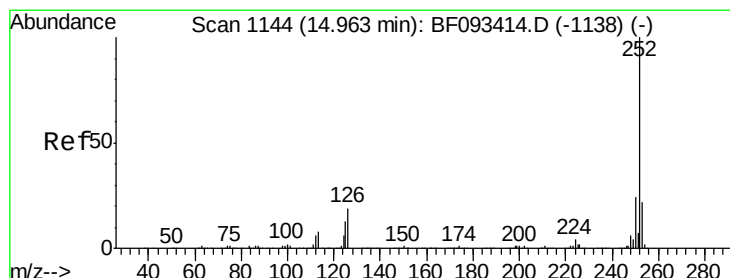
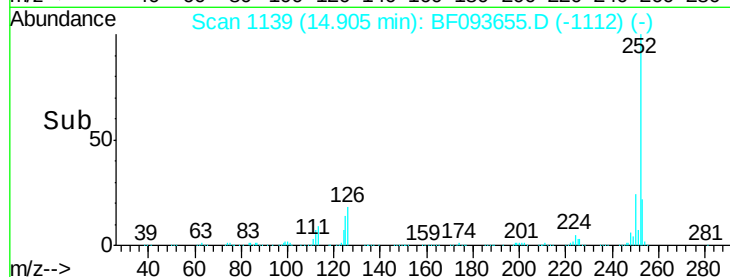
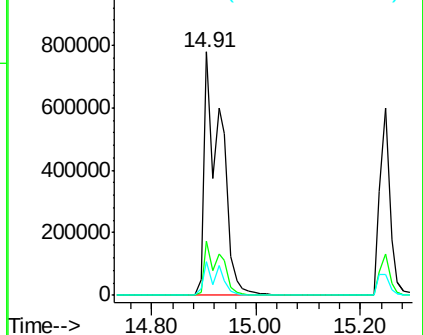
125 13.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 84.48 ng

RT: 14.91 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

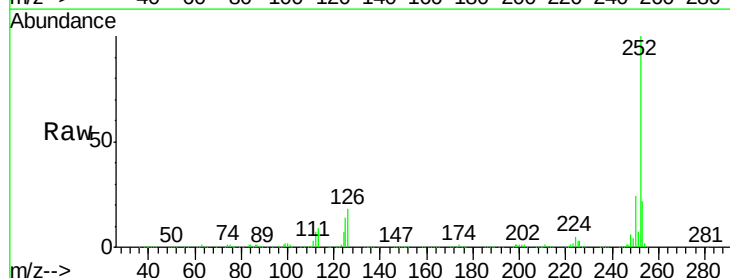
Tgt Ion:252 Resp: 1752611

Ion Ratio Lower Upper

252 100

253 22.3 18.5 27.7

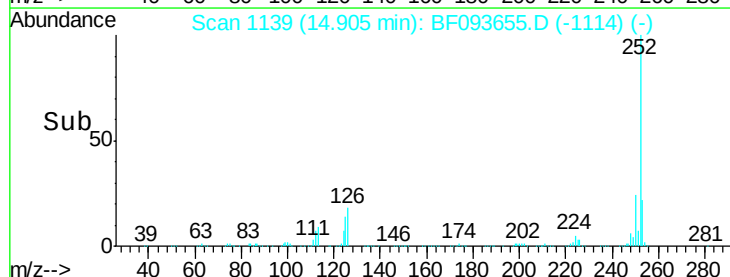
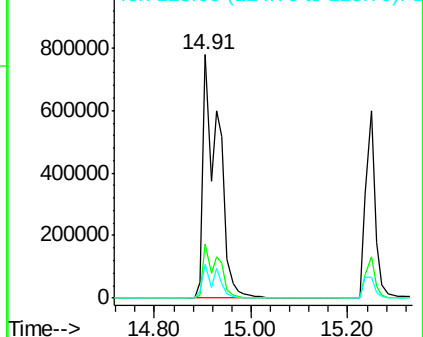
125 13.9 8.9 13.3#

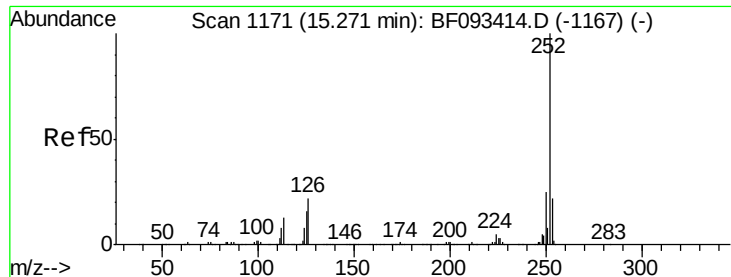


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.03 ng

RT: 15.25 min Scan# 1169

Delta R.T. 0.02 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

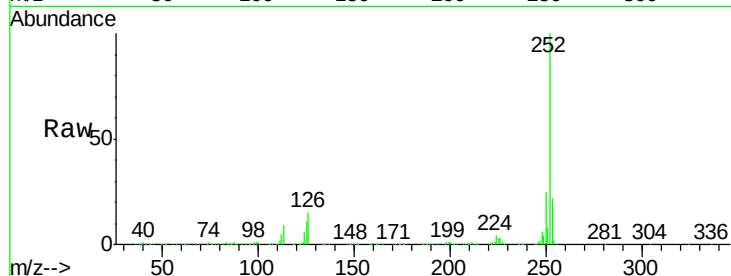
Tot Ion:252 Resp: 826327

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

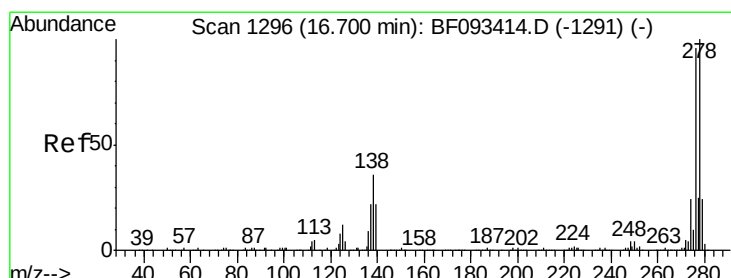
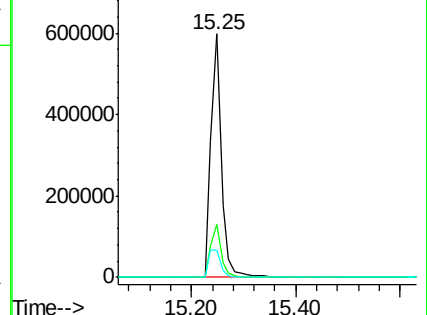
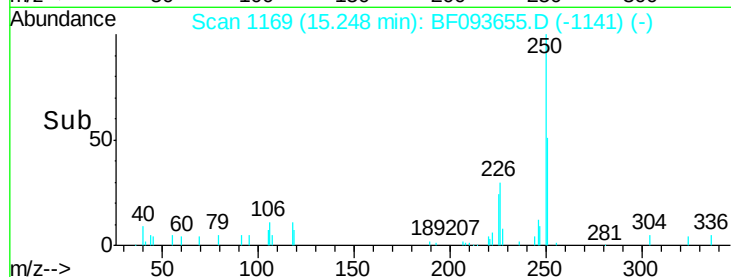
125 11.3 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.26 ng

RT: 16.65 min Scan# 1292

Delta R.T. 0.03 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

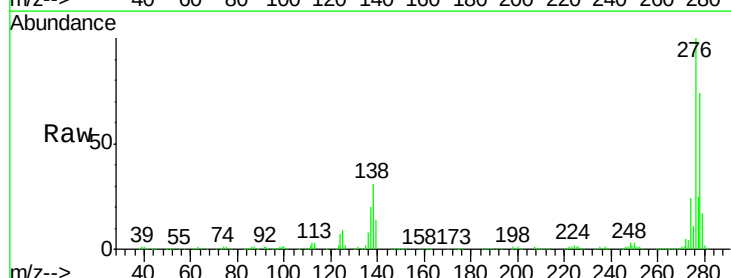
Tgt Ion:278 Resp: 638521

Ion Ratio Lower Upper

278 100

139 19.2 14.8 22.2

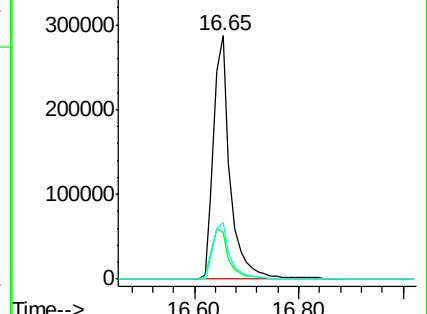
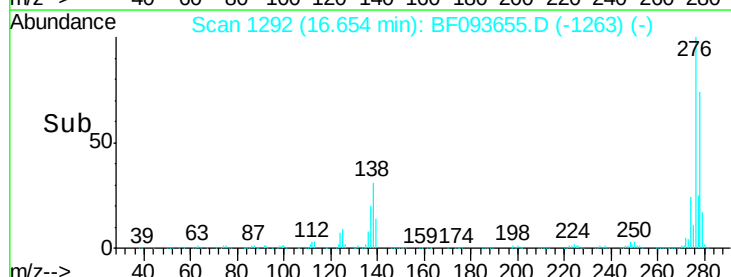
279 23.0 19.8 29.6

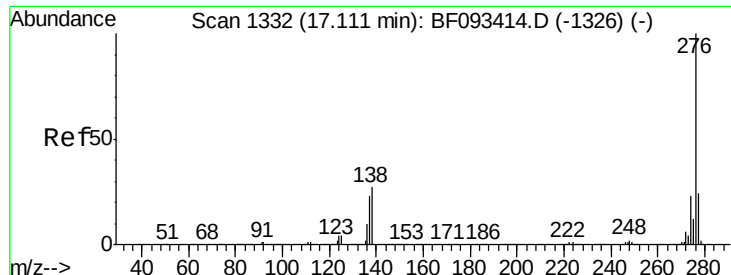


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.05 ng

RT: 17.05 min Scan# 1327

Delta R.T. 0.03 min

Lab File: BF093655.D

Acq: 14 Mar 2017 13:36

Instrument :

BNA_M

ClientSampleId :

PB97558BS

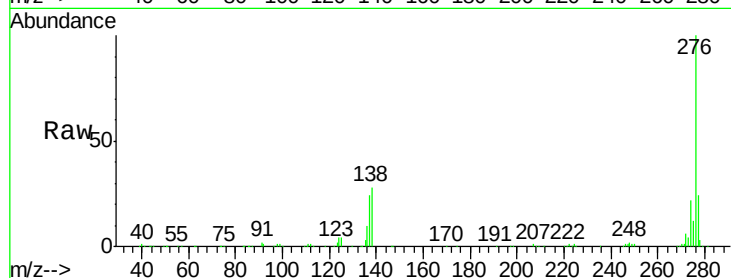
Tot Ion:276 Resp: 668622

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 28.4 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

