

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093336.D
 Acq On : 2 Mar 2017 22:23
 Operator : SJ/MA
 Sample : PB97297BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Quant Time: Mar 03 00:18:18 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	152237	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	596962	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	284122	20.00	ng	-0.05
63) Phenanthrene-d10	11.34	188	522026	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	411644	20.00	ng	-0.05
86) Perylene-d12	15.39	264	320925	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1164532	131.24	ng	-0.06
7) Phenol-d6	6.45	99	1539874	134.87	ng	-0.03
23) Nitrobenzene-d5	7.37	82	963254	89.86	ng	-0.06
41) 2,4,6-Tribromophenol	10.65	330	290982	141.60	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1467751	93.59	ng	-0.05
78) Terphenyl-d14	12.92	244	1337035	76.32	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	163609	34.12	ng	# 81
3) Pyridine	3.07	79	530153	43.48	ng	# 79
4) n-Nitrosodimethylamine	3.04	42	286559	50.06	ng	85
6) Aniline	6.46	93	465793	29.91	ng	87
8) 2-Chlorophenol	6.58	128	434001	44.33	ng	86
9) Benzaldehyde	6.34	77	123745	15.13	ng	82
10) Phenol	6.46	94	626650	46.91	ng	86
11) bis(2-Chloroethyl)ether	6.53	93	449287	42.14	ng	91
12) 1,3-Dichlorobenzene	6.73	146	470577	41.04	ng	# 88
13) 1,4-Dichlorobenzene	6.81	146	485914	41.87	ng	100
14) 1,2-Dichlorobenzene	6.97	146	453841	40.90	ng	96
15) Benzyl Alcohol	6.96	79	354832	41.98	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	755854	40.80	ng	91
17) 2-Methylphenol	7.07	107	369300	43.97	ng	98
18) Hexachloroethane	7.30	117	169401	42.76	ng	# 83
19) n-Nitroso-di-n-propylamine	7.22	70	321523	44.24	ng	96
20) 3+4-Methylphenols	7.23	107	484699	48.27	ng	# 76
22) Acetophenone	7.22	105	614170	45.06	ng	# 98
24) Nitrobenzene	7.39	77	514783	46.77	ng	98
25) Isophorone	7.63	82	933510	46.73	ng	94
26) 2-Nitrophenol	7.71	139	253902	48.52	ng	96
27) 2,4-Dimethylphenol	7.76	122	436775	47.53	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	613764	46.39	ng	99
29) 2,4-Dichlorophenol	7.96	162	388685	45.35	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	374484	40.55	ng	95
31) Naphthalene	8.11	128	1220456	40.33	ng	99
32) Benzoic acid	7.92	122	177934	36.24	ng	94
33) 4-Chloroaniline	8.17	127	316499	26.67	ng	94
34) Hexachlorobutadiene	8.22	225	201492	39.65	ng	100
35) Caprolactam	8.56	113	89893	33.35	ng	# 54
36) 4-Chloro-3-methylphenol	8.67	107	413382	46.26	ng	97
37) 2-Methylnaphthalene	8.81	142	837624	43.11	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	384525	48.21	ng	99
40) Hexachlorocyclopentadiene	8.96	237	216008	60.03	ng	96

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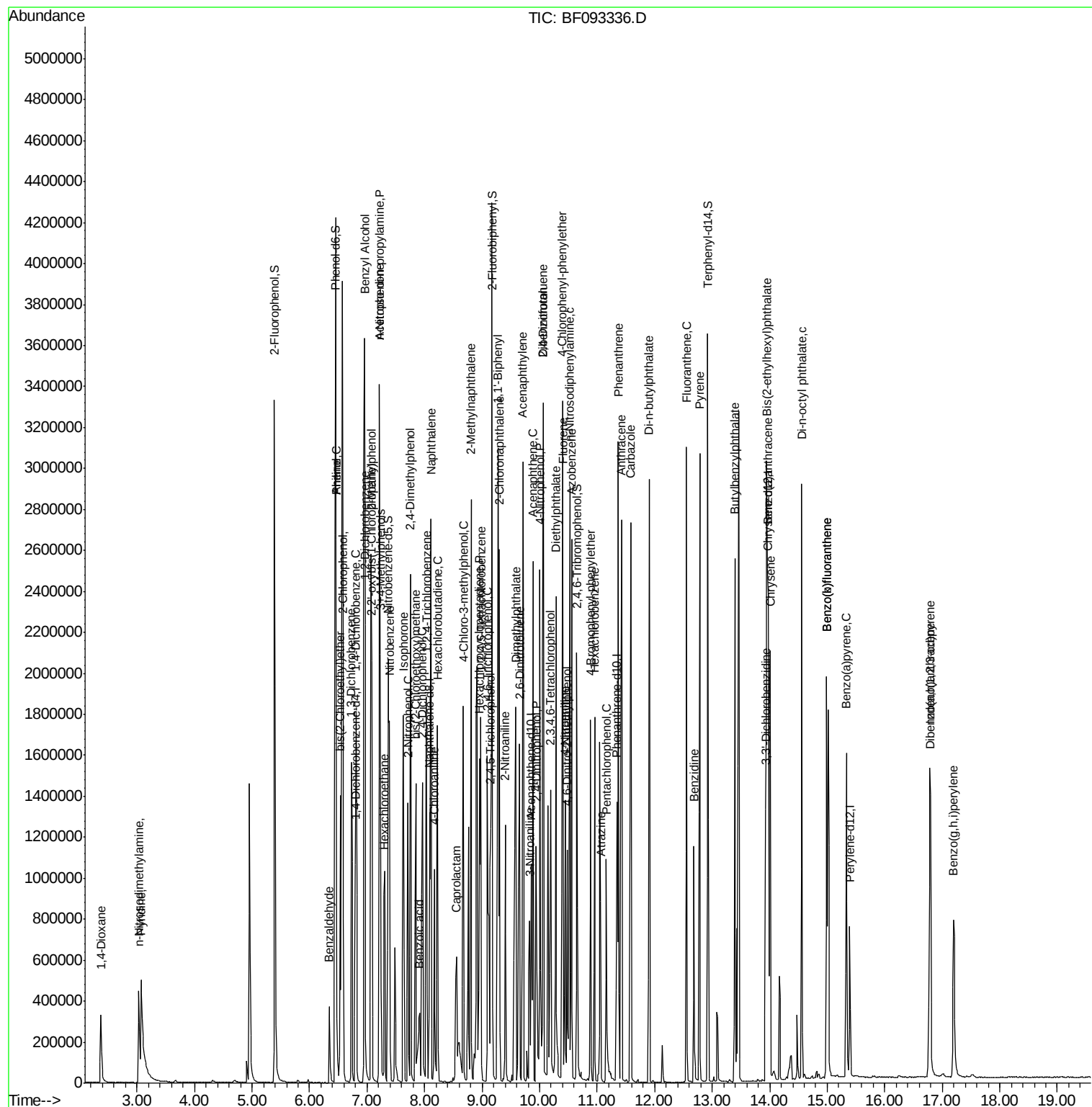
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	244900	46.73	ng	90
43) 2,4,5-Trichlorophenol	9.15	196	253102	44.08	ng #	85
45) 1,1'-Biphenyl	9.28	154	1037063	50.41	ng	99
46) 2-Chloronaphthalene	9.30	162	773037	48.03	ng	97
47) 2-Nitroaniline	9.40	65	276437	51.09	ng	87
48) Acenaphthylene	9.71	152	1186825	42.69	ng	99
49) Dimethylphthalate	9.58	163	986093	51.53	ng	100
50) 2,6-Dinitrotoluene	9.65	165	232811	56.33	ng	96
51) Acenaphthene	9.88	154	709226	42.67	ng	96
52) 3-Nitroaniline	9.82	138	166065	35.11	ng	83
53) 2,4-Dinitrophenol	9.94	184	228553	107.01	ng #	48
54) Dibenzofuran	10.06	168	1068548	48.06	ng	93
55) 4-Nitrophenol	10.01	139	216220	63.47	ng	91
56) 2,4-Dinitrotoluene	10.06	165	271248	49.30	ng	95
57) Fluorene	10.41	166	866541	50.66	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	217118	56.68	ng	92
59) Diethylphthalate	10.28	149	882968	48.96	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	392578	47.77	ng #	86
61) 4-Nitroaniline	10.44	138	228588	47.19	ng	94
62) Azobenzene	10.56	77	1096243	58.83	ng	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	152882	48.11	ng #	50
65) n-Nitrosodiphenylamine	10.52	169	793286	47.57	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	237738	43.59	ng #	89
67) Hexachlorobenzene	10.96	284	229846	42.65	ng #	93
68) Atrazine	11.06	200	251357	46.97	ng	90
69) Pentachlorophenol	11.16	266	180201	66.14	ng	99
70) Phenanthrene	11.37	178	1156521	38.67	ng	99
71) Anthracene	11.42	178	1345186	44.79	ng	99
72) Carbazole	11.58	167	1275730	44.44	ng	98
73) Di-n-butylphthalate	11.90	149	1427910	45.99	ng #	98
74) Fluoranthene	12.56	202	1292237	41.89	ng	97
76) Benzidine	12.68	184	506741	28.89	ng	96
77) Pyrene	12.78	202	1317265	42.76	ng	99
79) Butylbenzylphthalate	13.39	149	615953	49.24	ng	99
80) Benzo(a)anthracene	13.96	228	1069453	42.48	ng	100
81) 3,3'-Dichlorobenzidine	13.93	252	260062	28.98	ng #	98
82) Chrysene	14.01	228	1053523	44.69	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	911231	53.26	ng #	96
84) Di-n-octyl phthalate	14.56	149	1418708	50.92	ng	97
85) Indeno(1,2,3-cd)pyrene	16.79	276	744234	40.76	ng #	93
87) Benzo(b)fluoranthene	14.99	252	1740319	82.39	ng	98
88) Benzo(k)fluoranthene	14.99	252	1741763	95.50	ng	97
89) Benzo(a)pyrene	15.33	252	805131	44.06	ng #	97
90) Dibenzo(a,h)anthracene	16.80	278	625900	42.38	ng	98
91) Benzo(g,h,i)perylene	17.20	276	649310	43.52	ng #	90

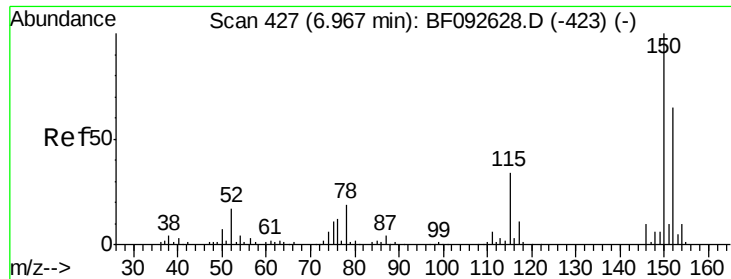
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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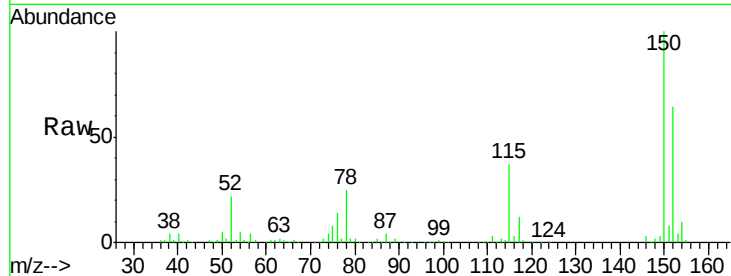


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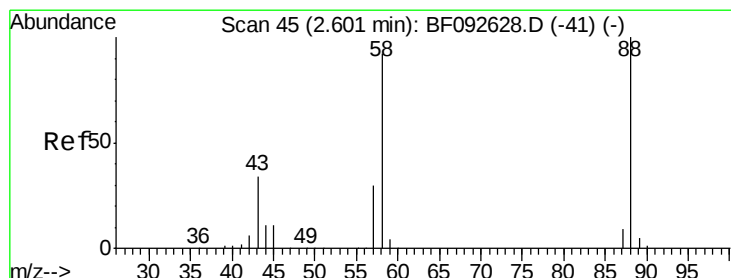
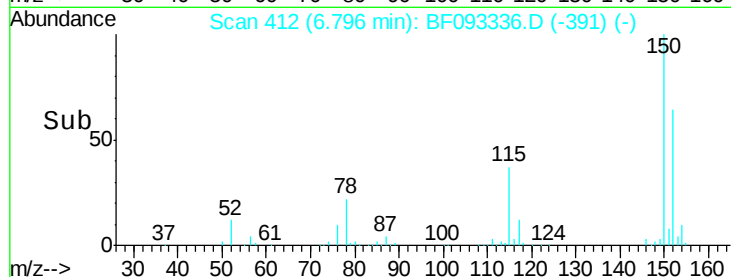
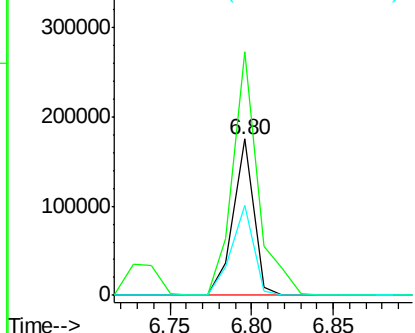
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tgt Ion:152 Resp: 152237
Ion Ratio Lower Upper
152 100
150 155.9 124.9 187.3
115 57.4 46.0 69.0



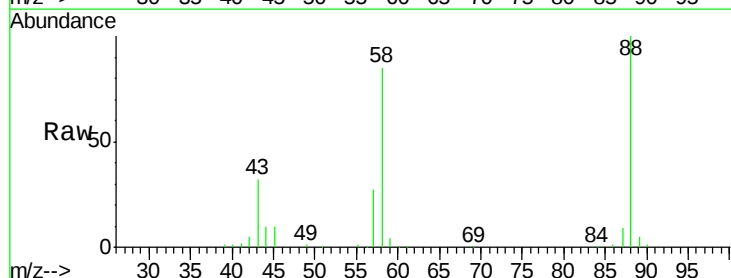
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



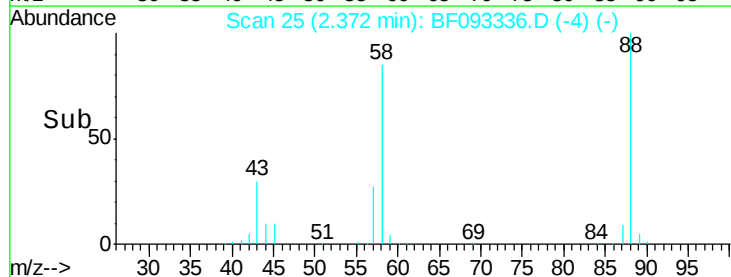
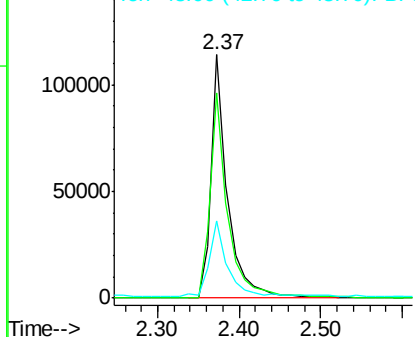
#2

1,4-Dioxane
Concen: 34.12 ng
RT: 2.37 min Scan# 25
Delta R.T. -0.06 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion: 88 Resp: 163609
Ion Ratio Lower Upper
88 100
58 91.1 57.8 86.8#
43 33.4 22.3 33.5



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





#3

Pyridine

Concen: 43.48 ng

RT: 3.07 min Scan# 86

Delta R.T. -0.08 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

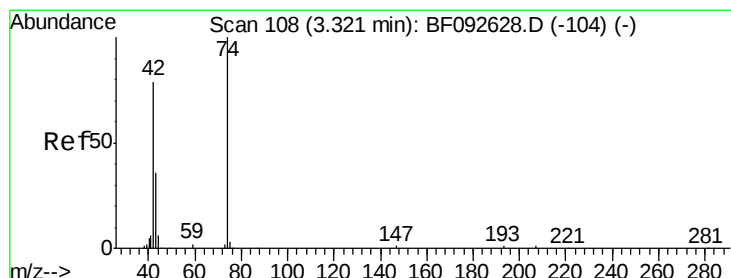
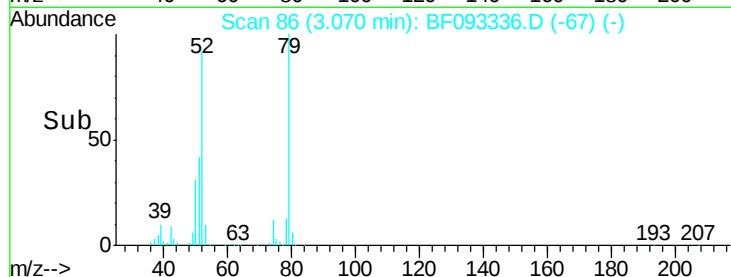
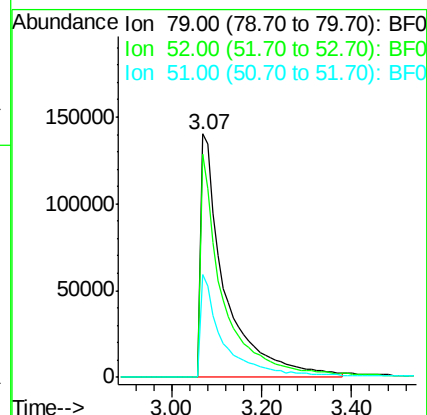
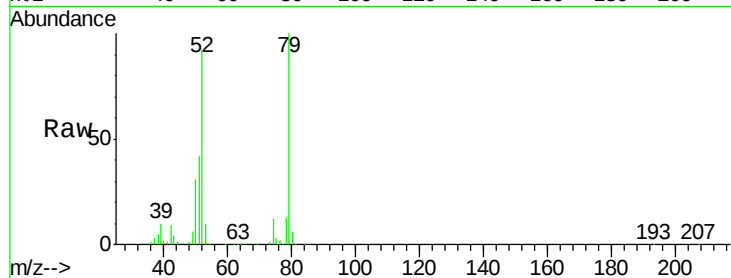
Tgt Ion: 79 Resp: 530153

Ion Ratio Lower Upper

79 100

52 91.6 57.1 85.7#

51 42.1 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 50.06 ng

RT: 3.04 min Scan# 83

Delta R.T. -0.07 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

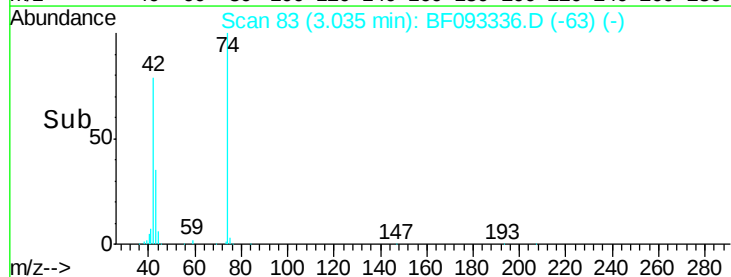
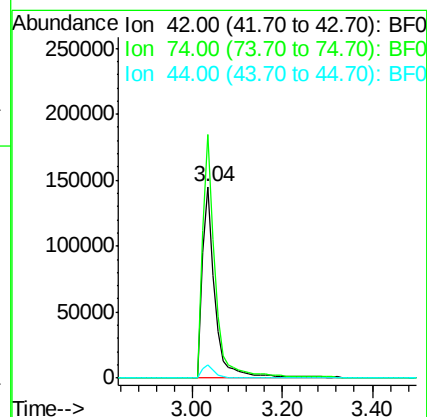
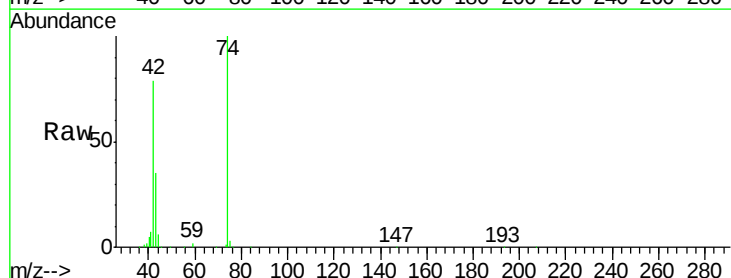
Tgt Ion: 42 Resp: 286559

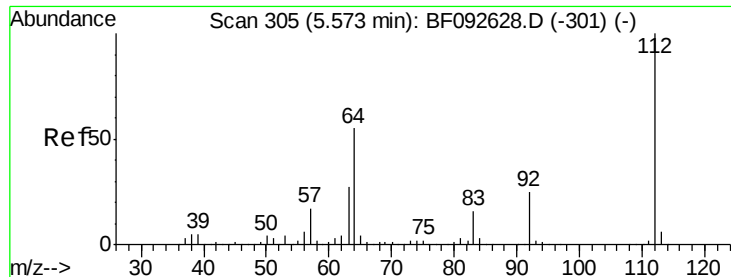
Ion Ratio Lower Upper

42 100

74 127.1 117.0 175.4

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 131.24 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

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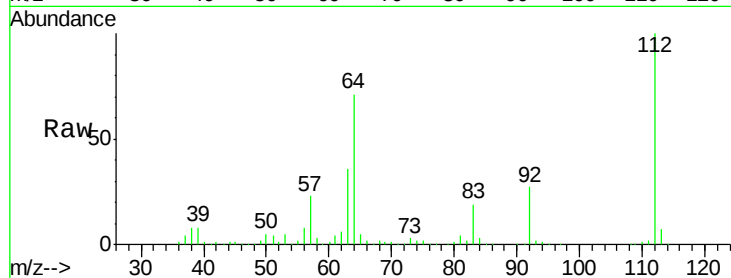
Tgt Ion: 112 Resp: 1164532

Ion Ratio Lower Upper

112 100

64 70.9 46.1 69.1#

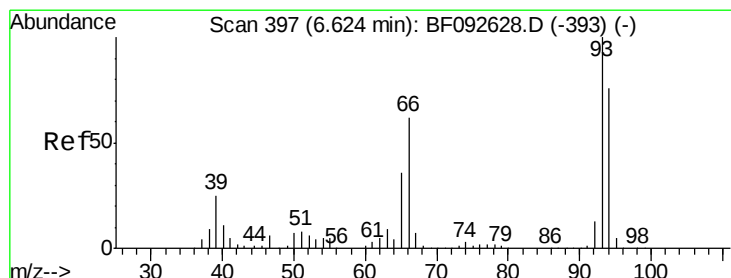
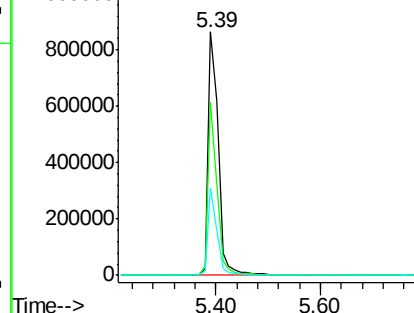
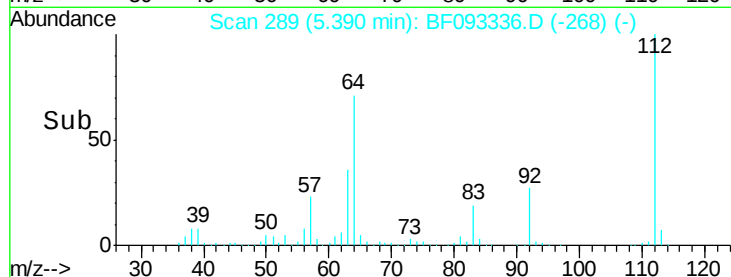
63 36.1 23.8 35.6#



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: 29.91 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

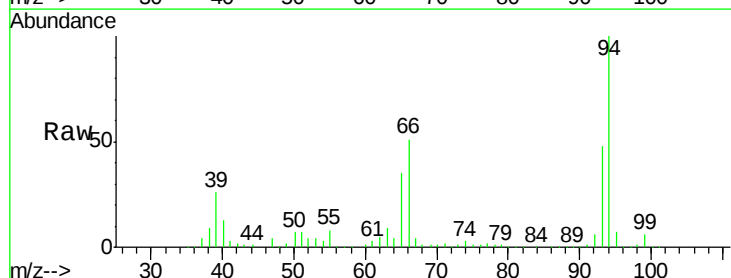
Tgt Ion: 93 Resp: 465793

Ion Ratio Lower Upper

93 100

66 106.4 76.2 114.2

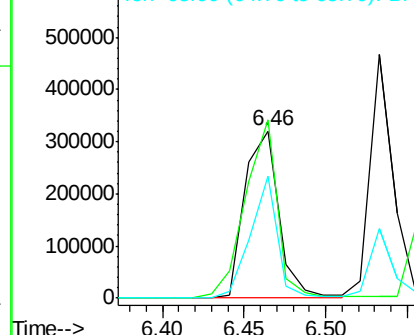
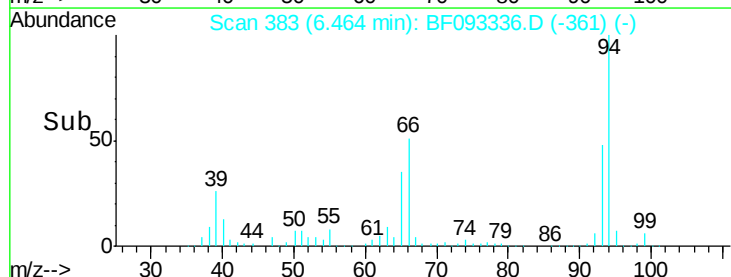
65 72.8 49.3 73.9

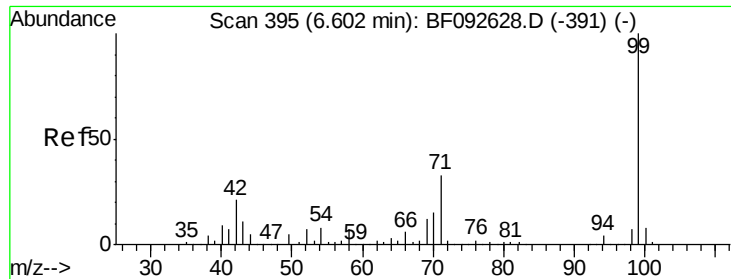


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.87 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

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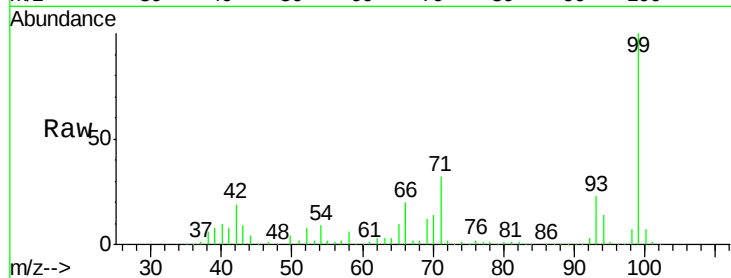
Tgt Ion: 99 Resp: 1539874

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

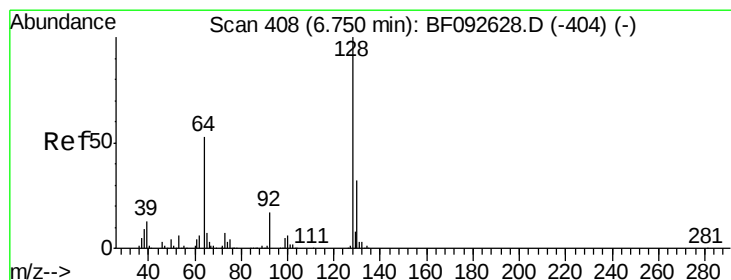
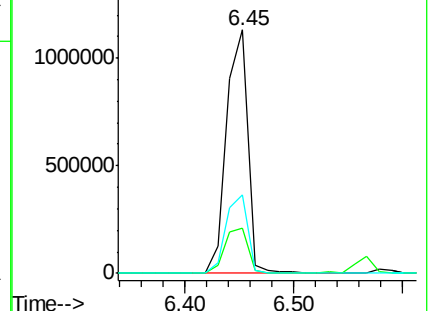
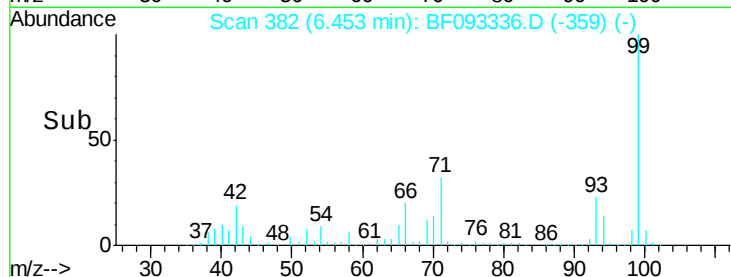
71 32.1 27.5 41.3



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: 44.33 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

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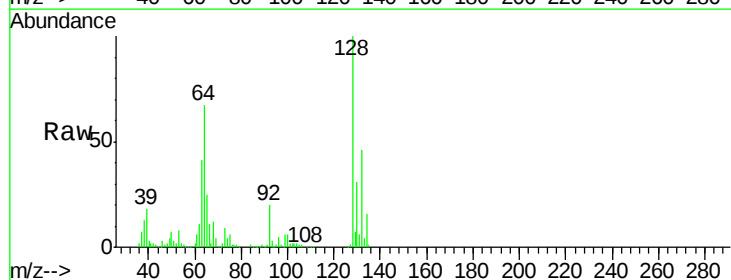
Tgt Ion: 128 Resp: 434001

Ion Ratio Lower Upper

128 100

130 30.7 12.3 52.3

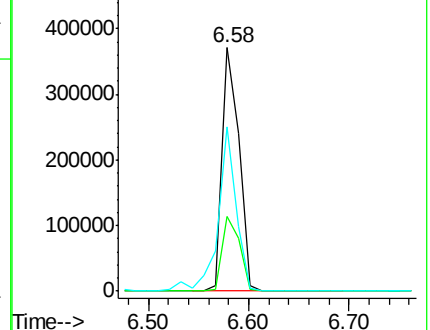
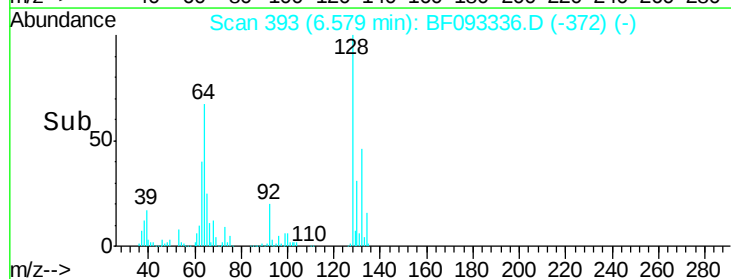
64 67.4 32.2 72.2



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: 15.13 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

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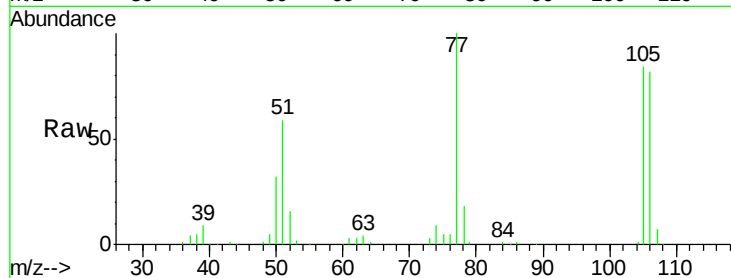
Tgt Ion: 77 Resp: 123745

Ion Ratio Lower Upper

77 100

105 84.0 83.9 123.9

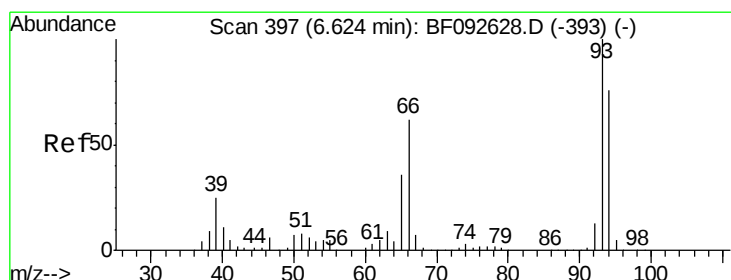
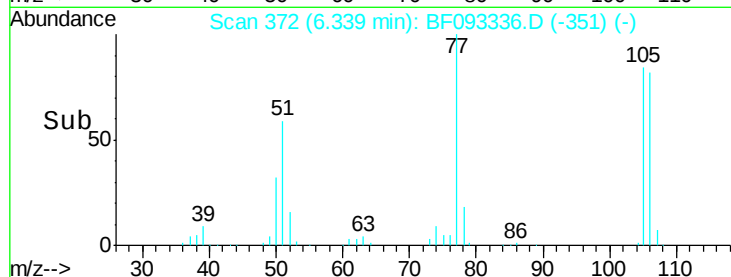
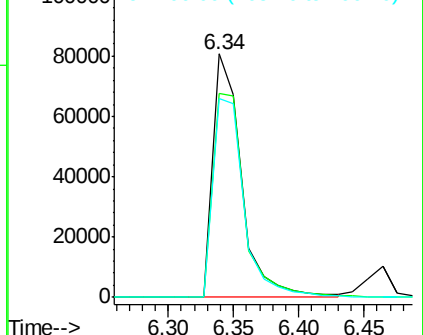
106 81.8 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.91 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

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Acq: 2 Mar 2017 22:23

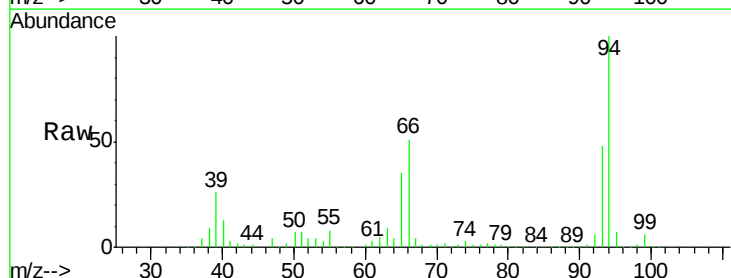
Tgt Ion: 94 Resp: 626650

Ion Ratio Lower Upper

94 100

65 35.0 21.4 61.4

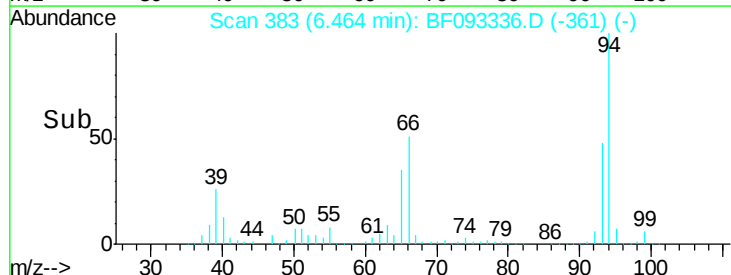
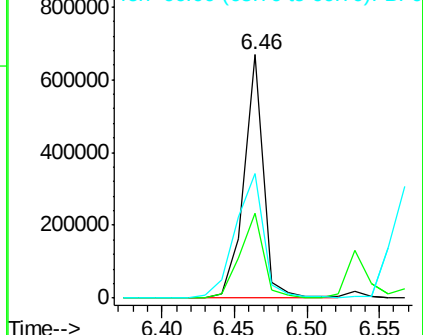
66 51.1 44.0 84.0



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

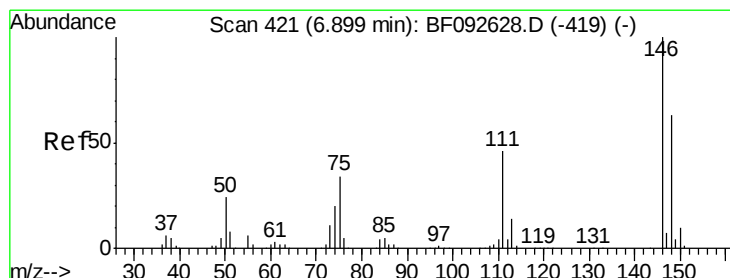
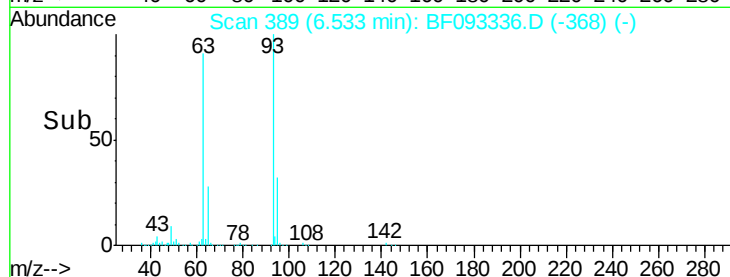
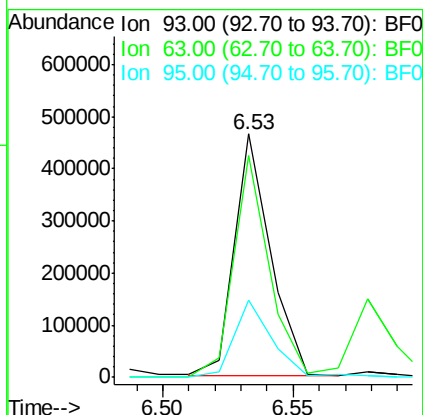
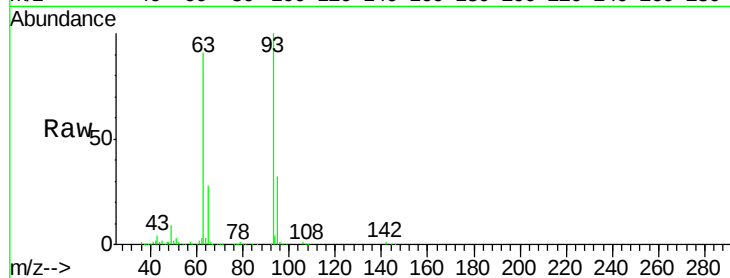




#11
bis(2-Chloroethyl)ether
Concen: 42.14 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.06 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

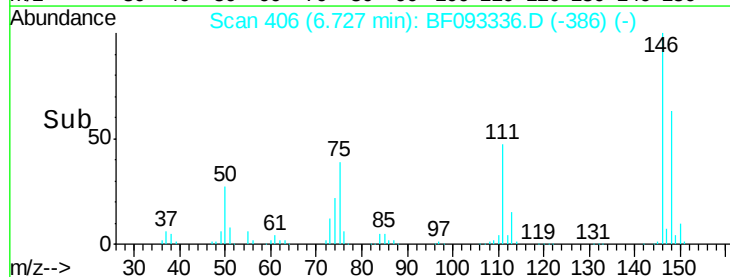
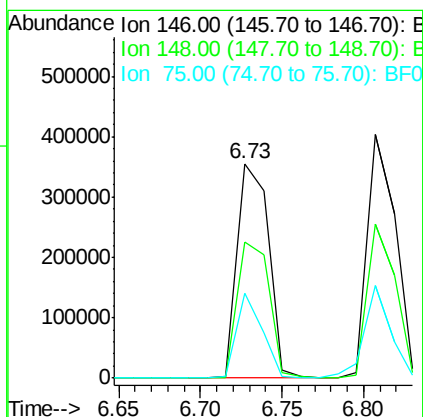
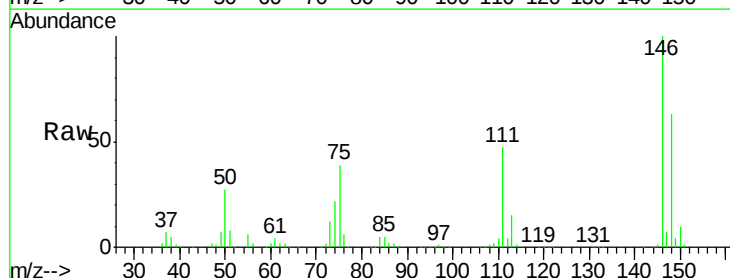
Instrument :
BNA_F
ClientSampleId :
PB97297BS

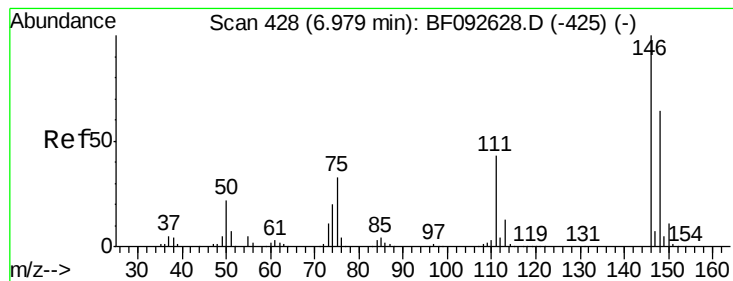
Tgt Ion: 93 Resp: 449287
Ion Ratio Lower Upper
93 100
63 90.9 60.4 100.4
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.04 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.07 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion: 146 Resp: 470577
Ion Ratio Lower Upper
146 100
148 63.4 53.4 80.0
75 39.4 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 41.87 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.07 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

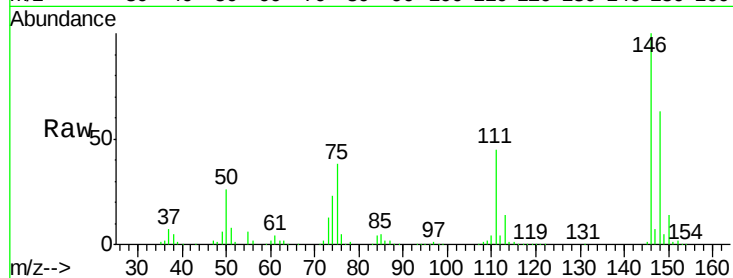
Tgt Ion:146 Resp: 485914

Ion Ratio Lower Upper

146 100

148 63.0 50.6 76.0

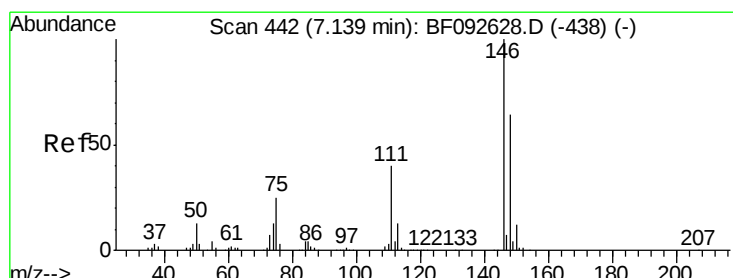
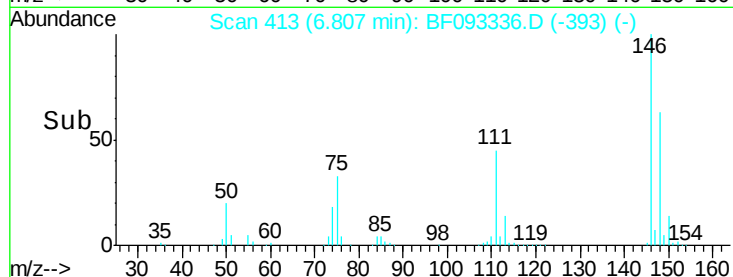
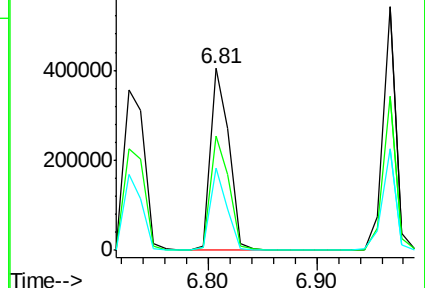
111 45.3 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.90 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.06 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

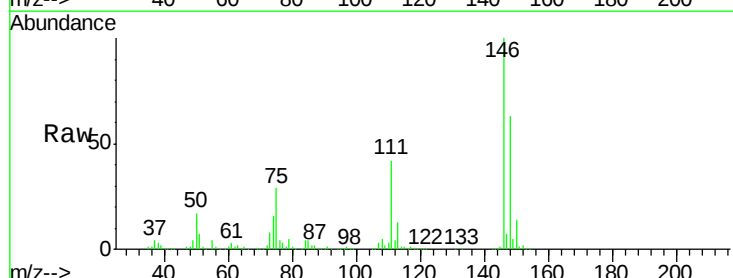
Tgt Ion:146 Resp: 453841

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

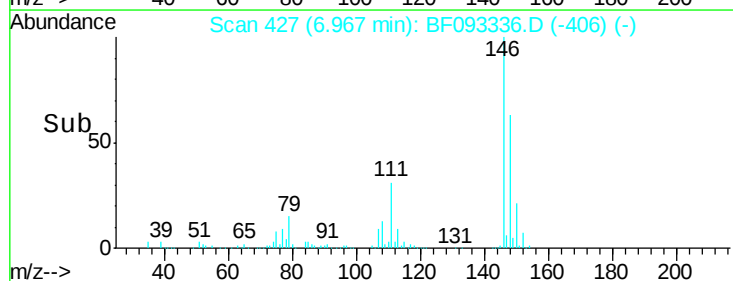
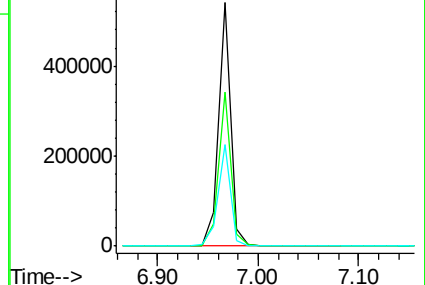
111 41.7 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

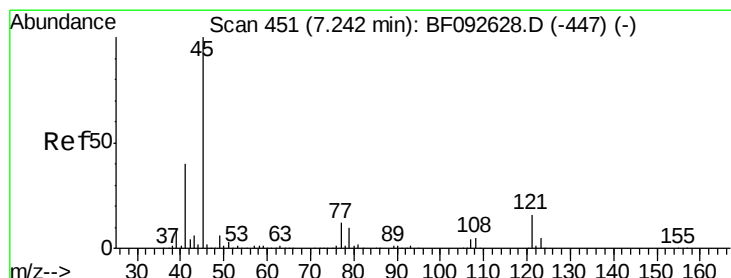
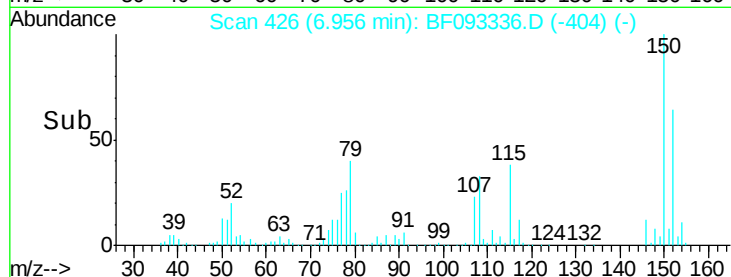
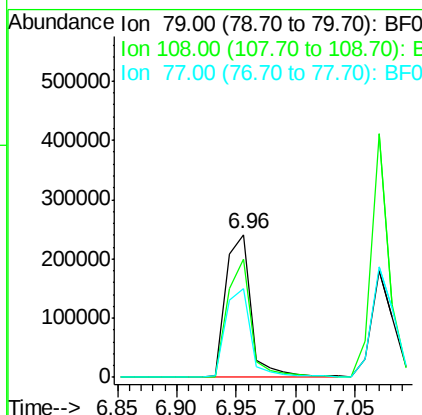
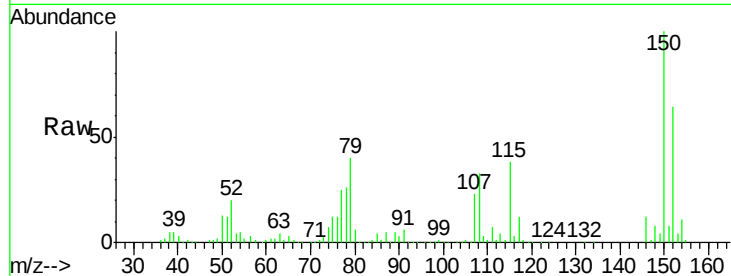




#15
Benzyl Alcohol
Concen: 41.98 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

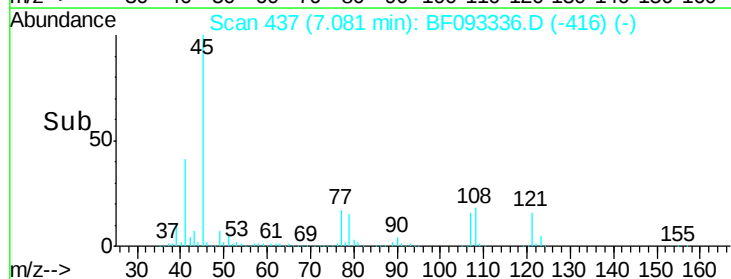
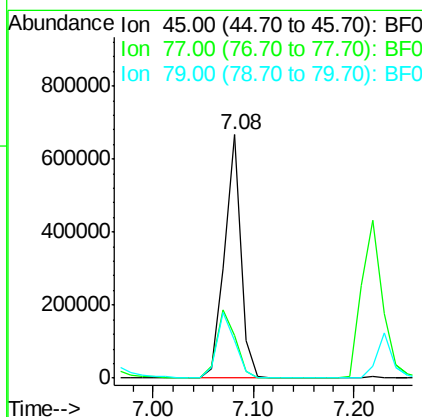
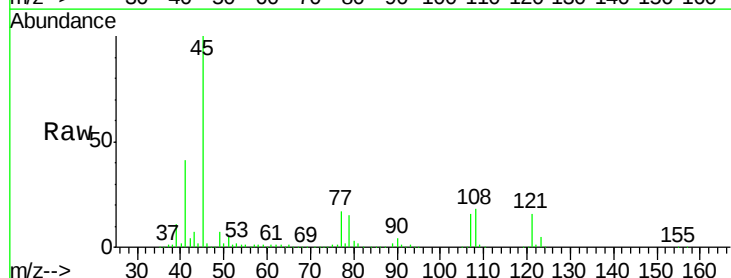
Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tgt Ion: 79 Resp: 354832
Ion Ratio Lower Upper
79 100
108 82.5 61.4 92.0
77 62.4 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.80 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.06 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion: 45 Resp: 755854
Ion Ratio Lower Upper
45 100
77 17.4 0.0 34.6
79 15.4 0.0 31.2

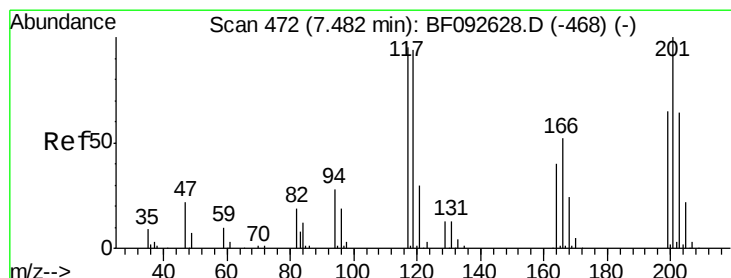
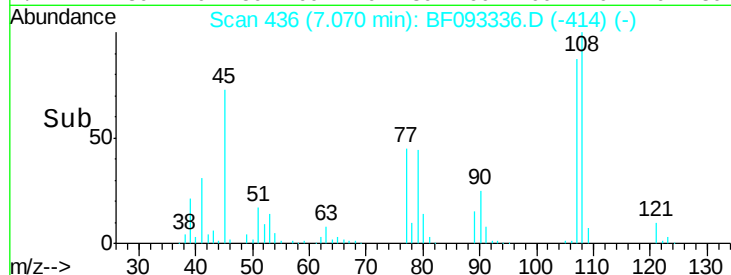
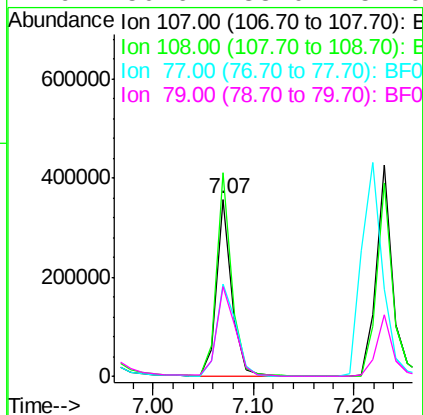
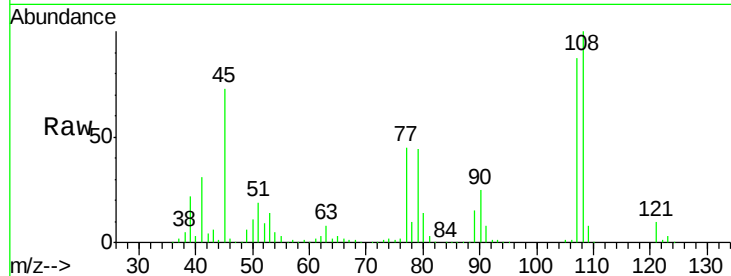




#17
2-Methylphenol
Concen: 43.97 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

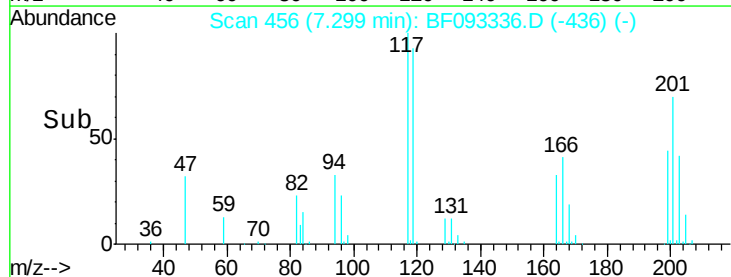
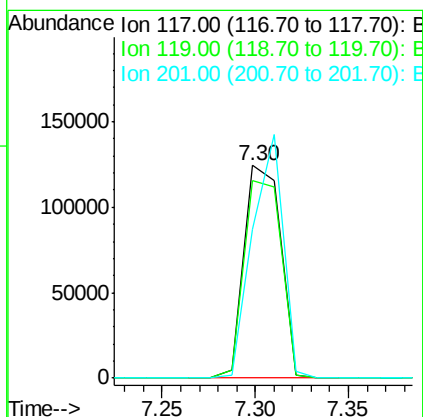
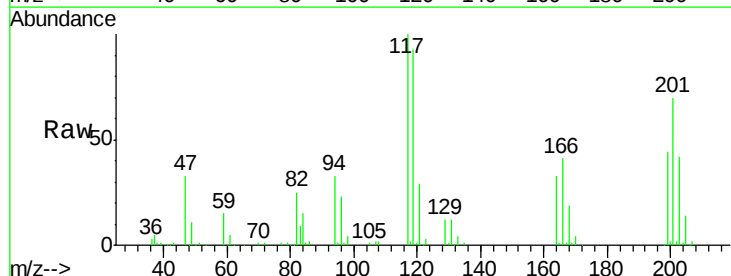
Instrument :
BNA_F
ClientSampleId :
PB97297BS

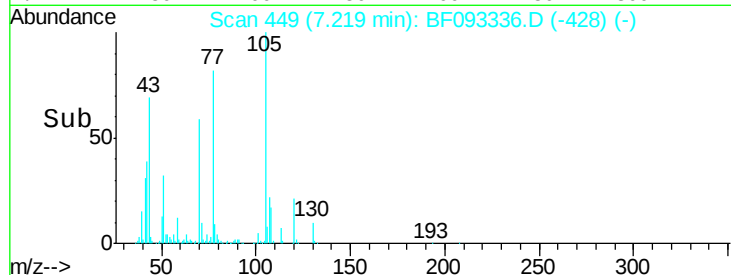
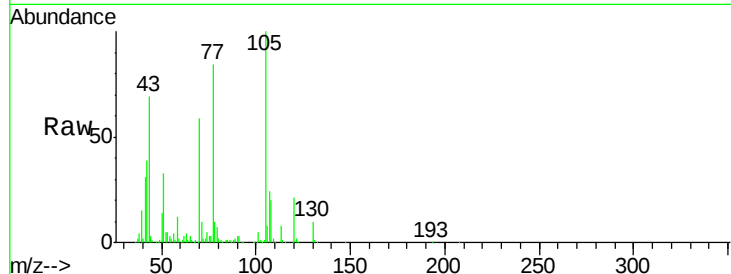
Tgt Ion:107 Resp: 369300
Ion Ratio Lower Upper
107 100
108 115.2 93.0 139.6
77 52.3 39.8 59.8
79 50.6 38.0 57.0



#18
Hexachloroethane
Concen: 42.76 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.07 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion:117 Resp: 169401
Ion Ratio Lower Upper
117 100
119 92.6 78.1 117.1
201 69.8 78.6 117.8#

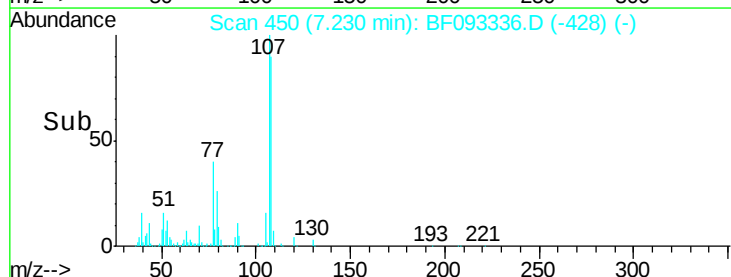
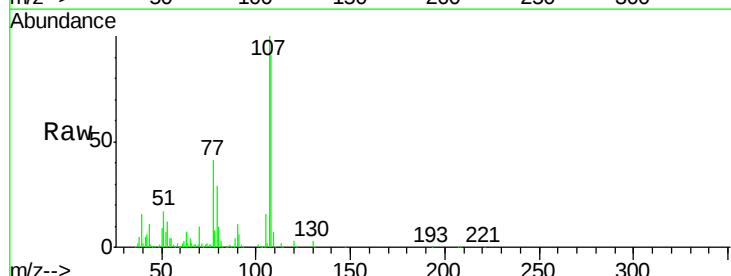
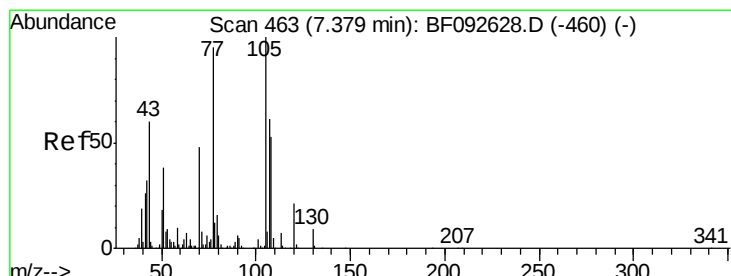
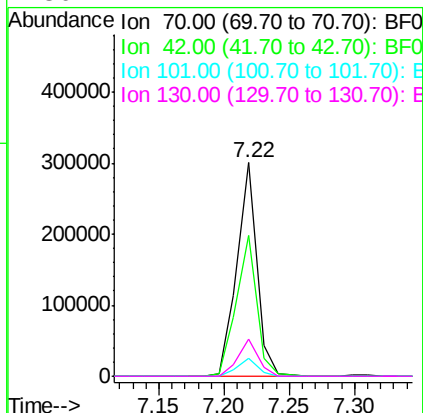




#19
n-Nitroso-di-n-propylamine
Concen: 44.24 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

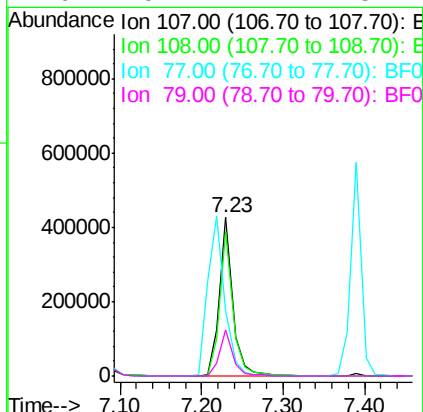
Instrument :
BNA_F
ClientSampleId :
PB97297BS

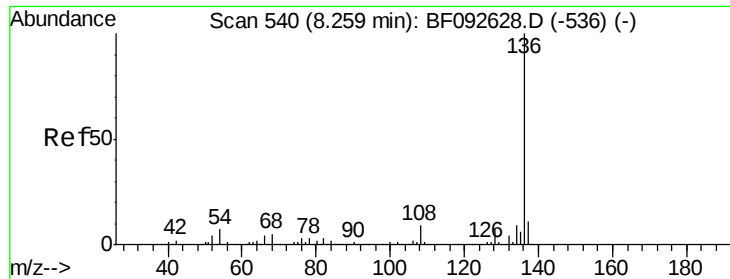
Tgt Ion:	70	Resp:	321523
Ion	Ratio	Lower	Upper
70	100		
42	65.8	49.4	74.0
101	8.5	7.4	11.2
130	17.2	14.2	21.4



#20
3+4-Methylphenols
Concen: 48.27 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion:	107	Resp:	484699
Ion	Ratio	Lower	Upper
107	100		
108	91.4	73.0	113.0
77	41.1	71.3	111.3#
79	29.1	11.1	51.1

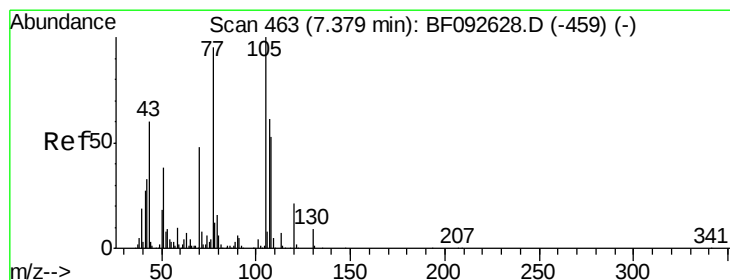
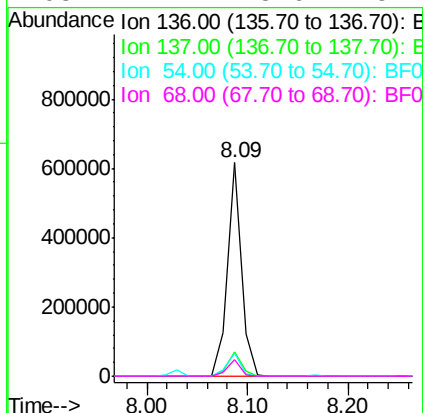
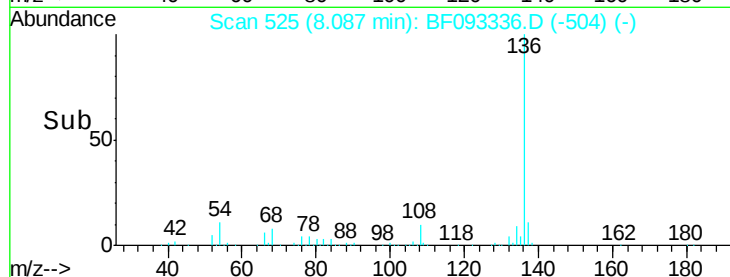
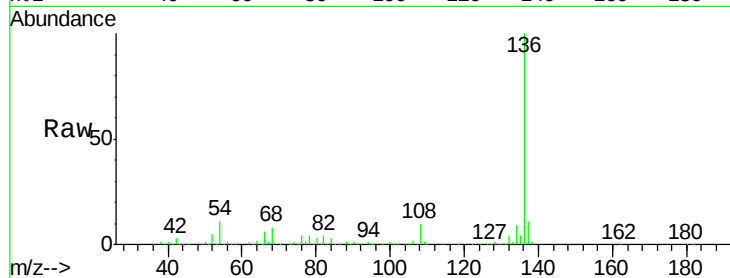




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

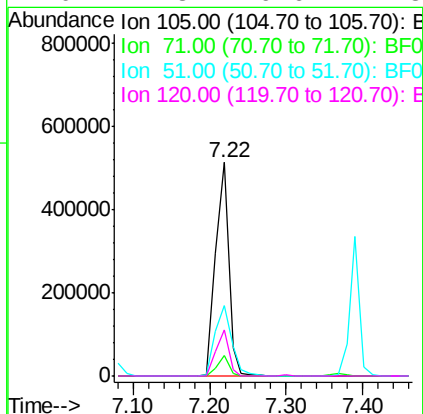
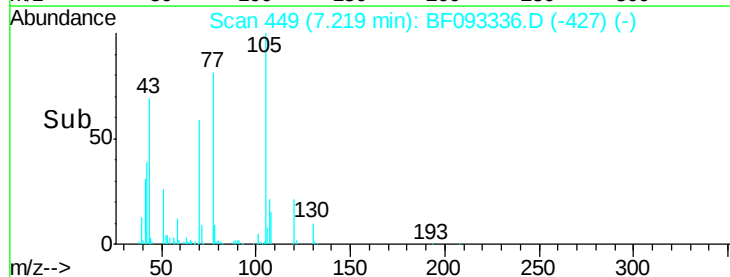
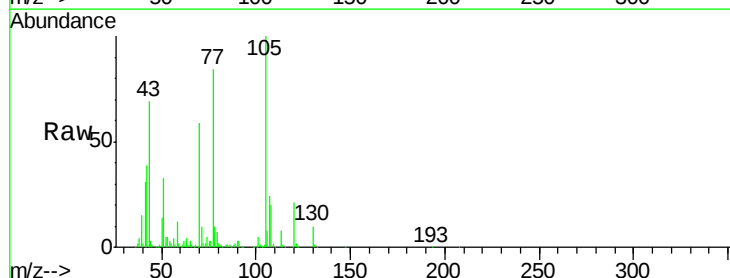
Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tgt Ion:	136	Resp:	596962
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.0	4.5	6.7#
68	7.7	3.6	5.4#



#22
Acetophenone
Concen: 45.06 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion:	105	Resp:	614170
Ion	Ratio	Lower	Upper
105	100		
71	9.6	3.2	4.8#
51	32.8	26.2	39.4
120	21.3	16.6	24.8

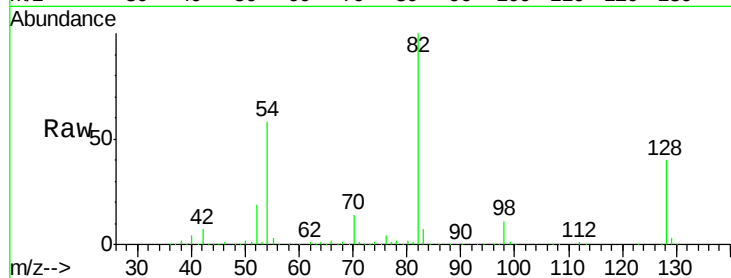




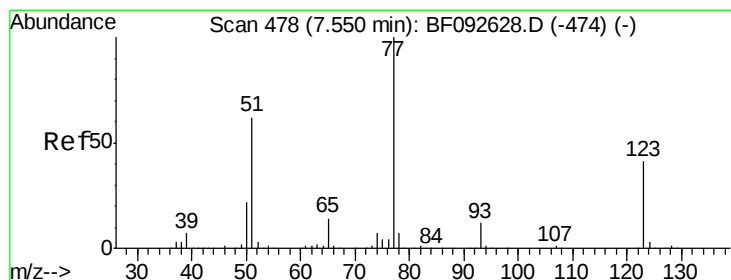
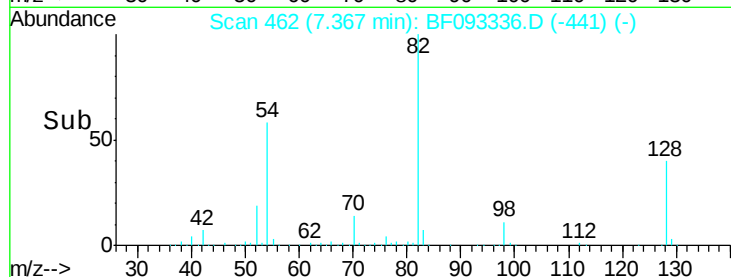
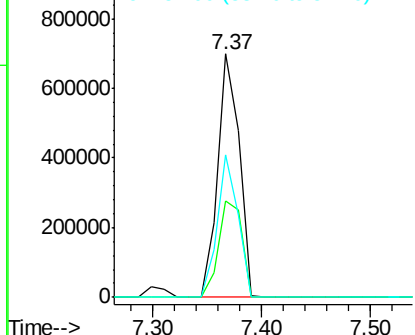
#23
 Nitrobenzene-d5
 Concen: 89.86 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.06 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Tgt Ion: 82 Resp: 963254
 Ion Ratio Lower Upper
 82 100
 128 39.7 34.6 52.0
 54 58.3 39.5 59.3

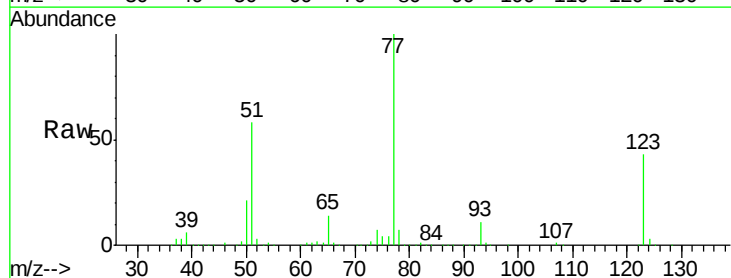


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

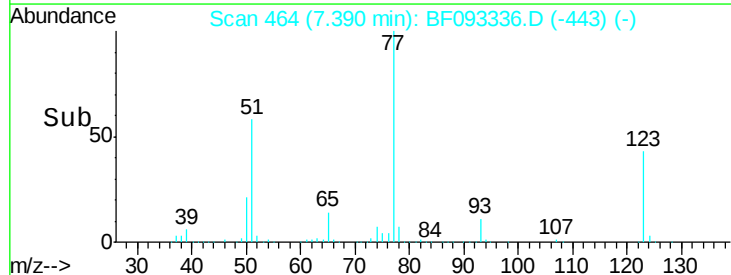
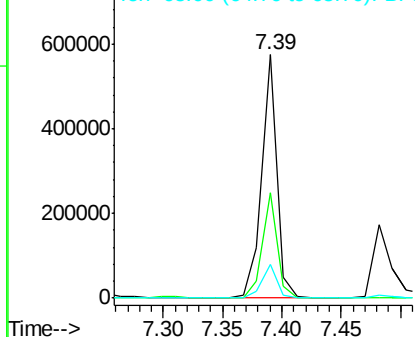


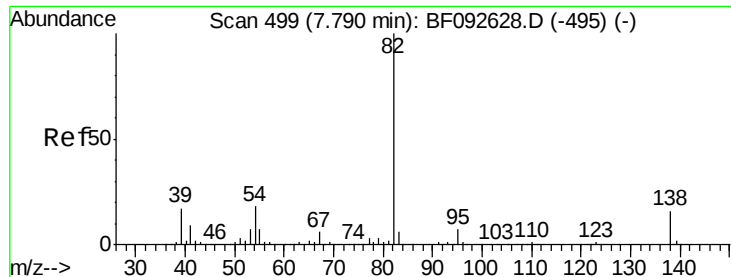
#24
 Nitrobenzene
 Concen: 46.77 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.06 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion: 77 Resp: 514783
 Ion Ratio Lower Upper
 77 100
 123 43.2 33.0 49.4
 65 14.0 11.2 16.8



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





#25

Isophorone

Concen: 46.73 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

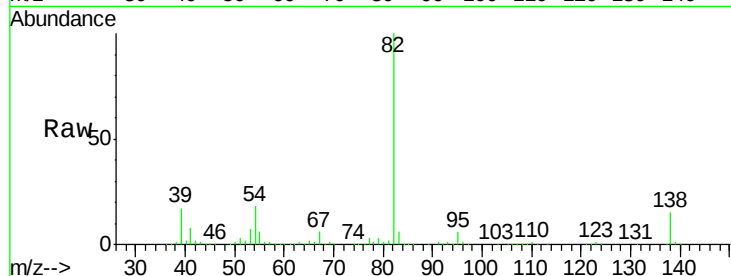
Tgt Ion: 82 Resp: 933510

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

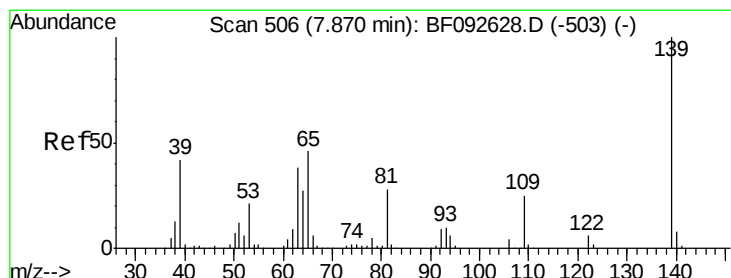
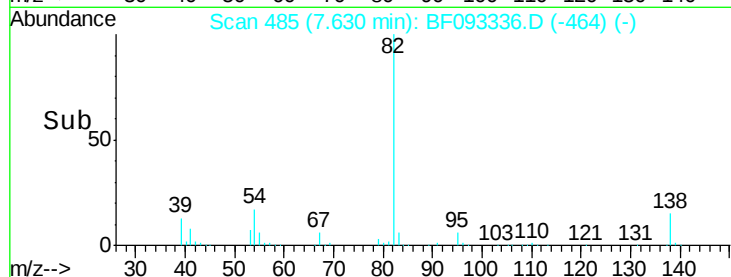
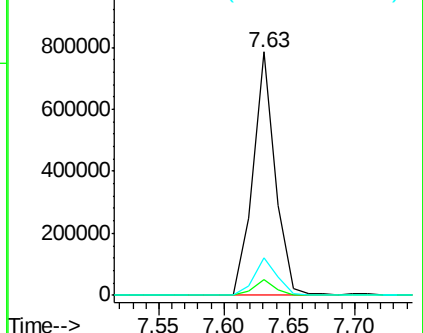
138 15.2 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.52 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

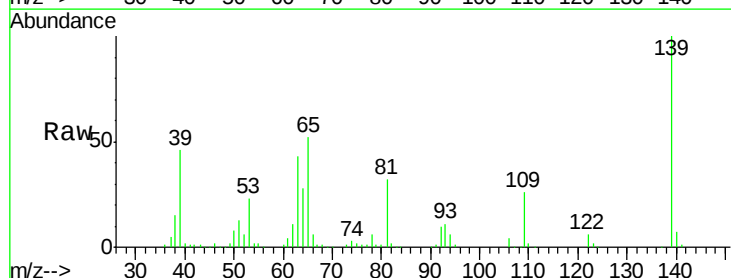
Tgt Ion: 139 Resp: 253902

Ion Ratio Lower Upper

139 100

109 25.7 23.3 34.9

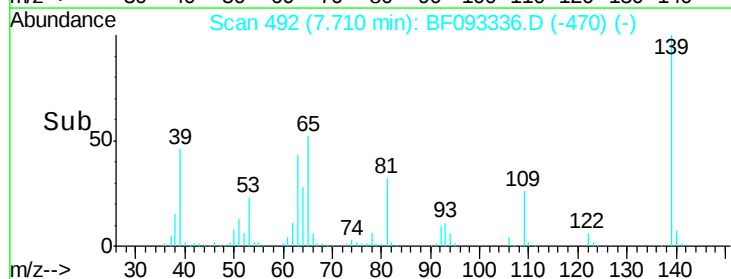
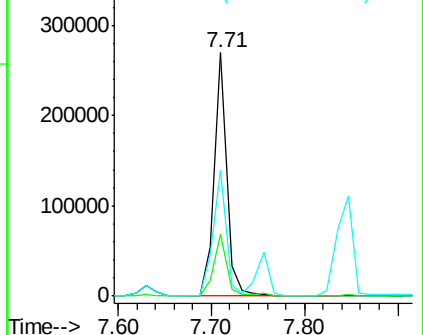
65 51.7 42.7 64.1

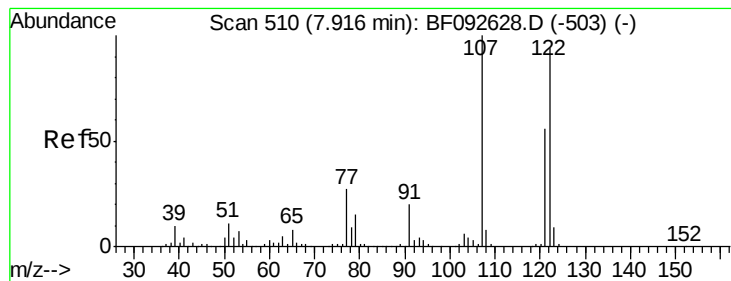


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 47.53 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

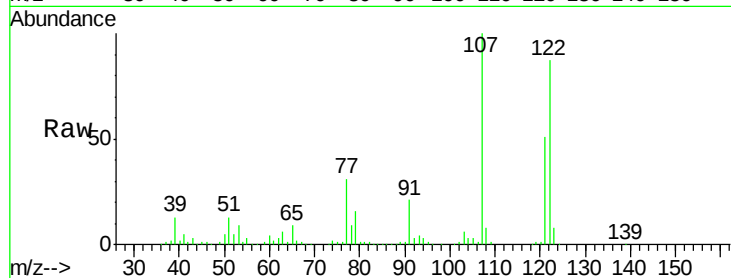
Tgt Ion:122 Resp: 436775

Ion Ratio Lower Upper

122 100

107 115.0 94.1 141.1

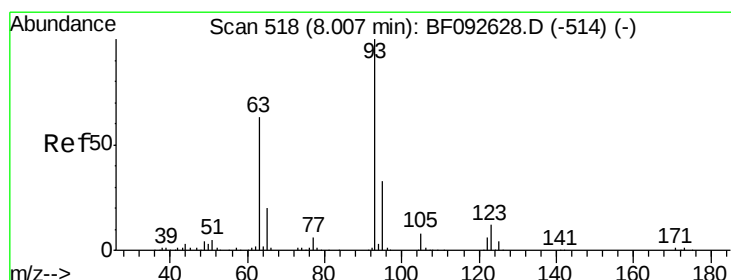
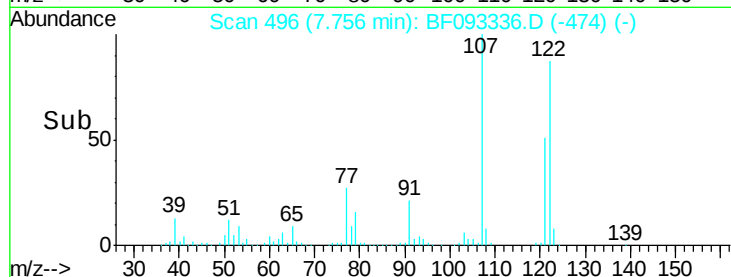
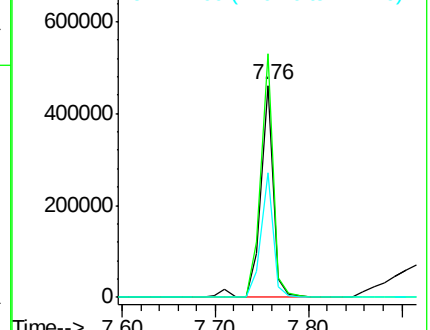
121 58.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.39 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.05 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

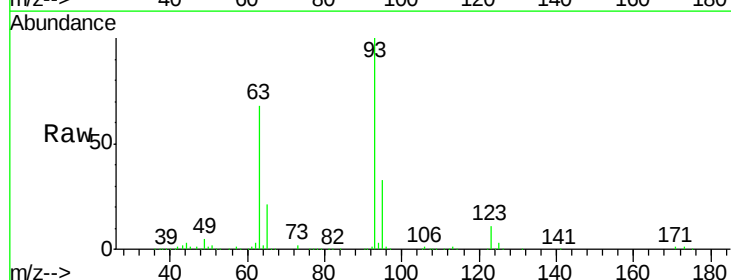
Tgt Ion: 93 Resp: 613764

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

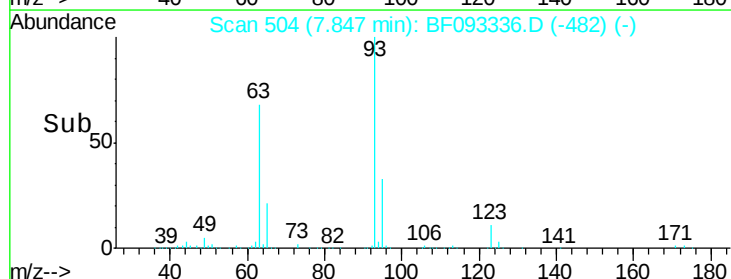
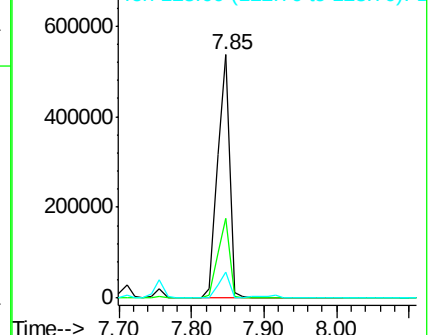
123 10.5 8.6 13.0

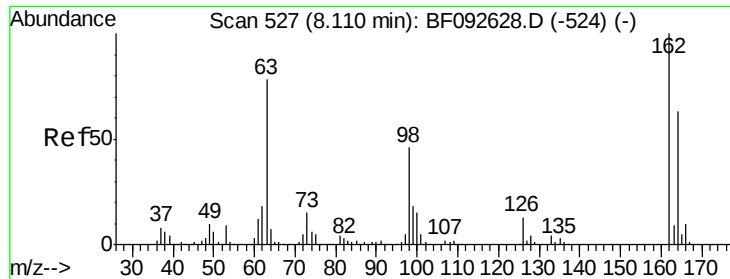


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

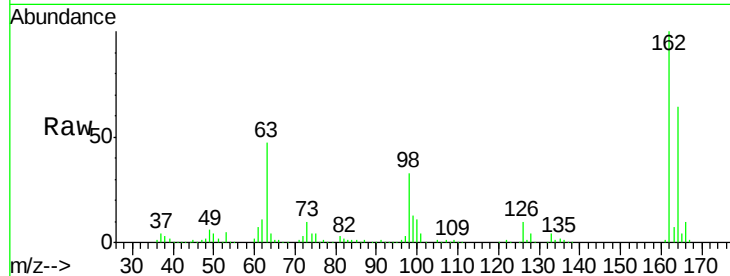




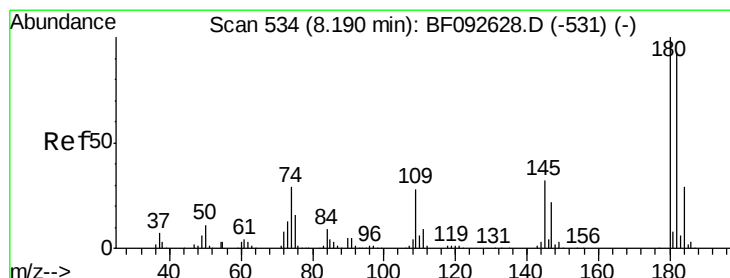
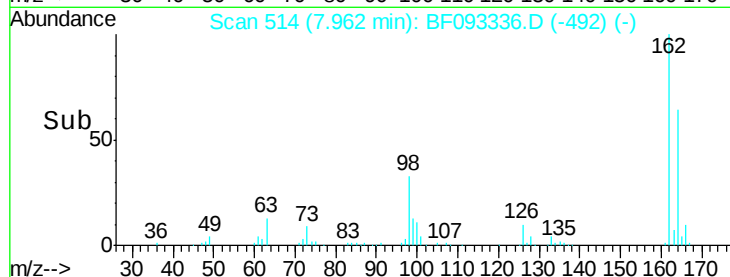
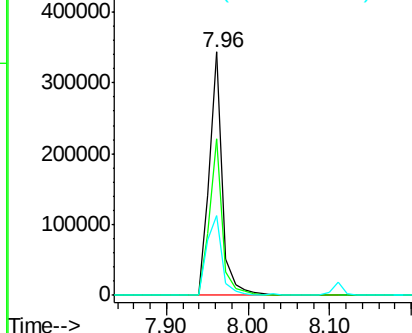
#29
 2,4-Dichlorophenol
 Concen: 45.35 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	46.8	86.8
98	32.8	9.1	49.1

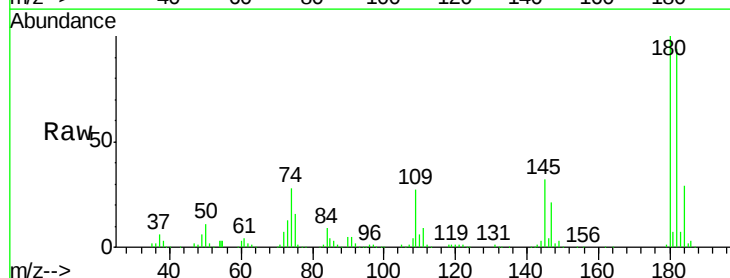


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

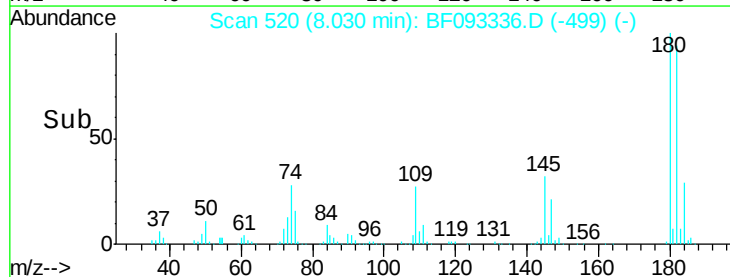
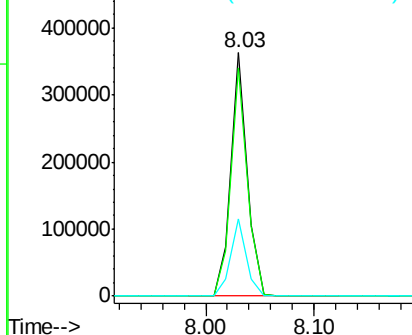


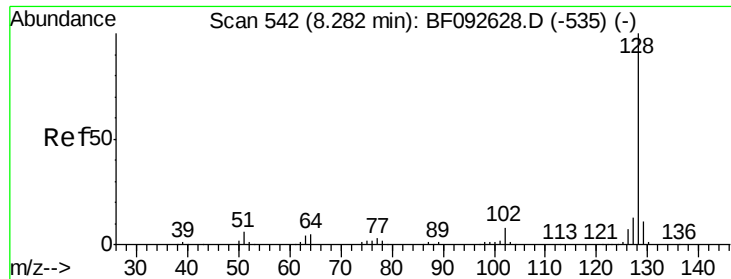
#30
 1,2,4-Trichlorobenzene
 Concen: 40.55 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.06 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	78.2	117.4
145	31.8	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

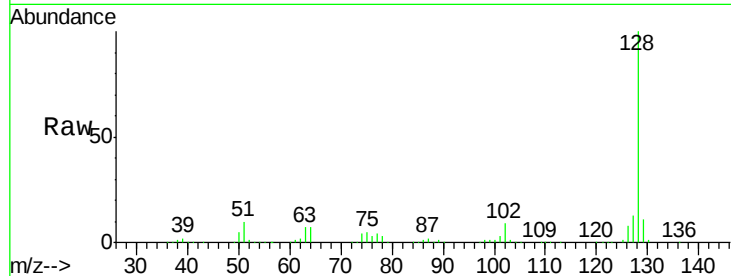




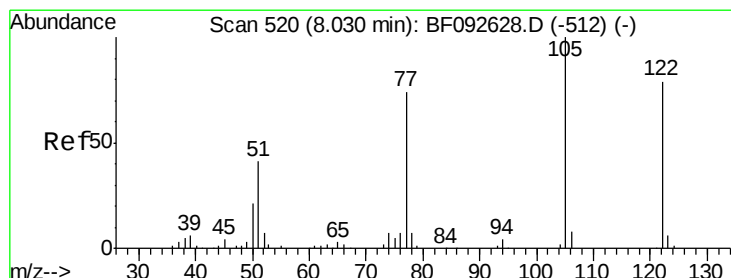
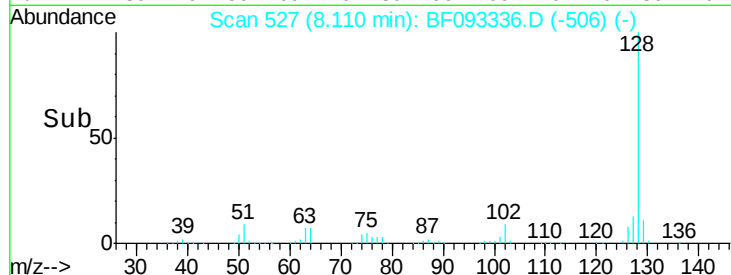
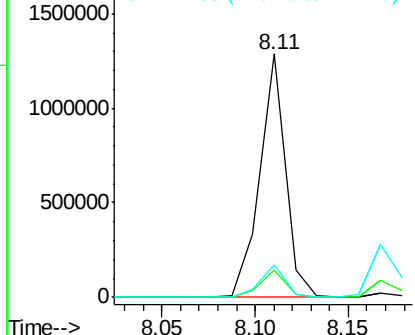
#31
Naphthalene
Concen: 40.33 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tgt Ion:128 Resp: 1220456
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.3 10.8 16.2

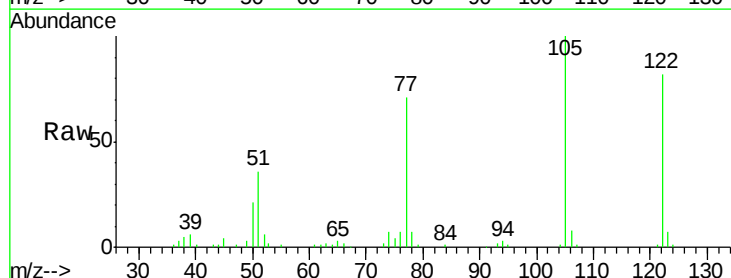


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

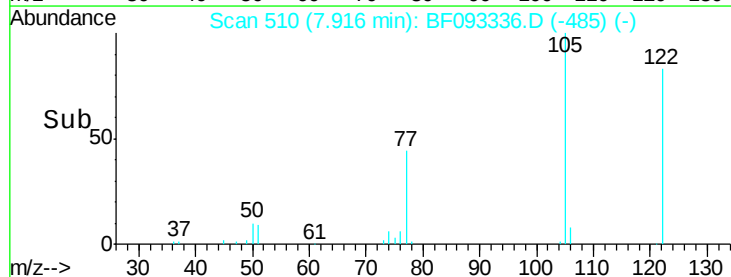
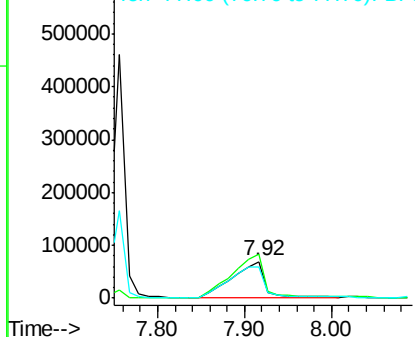


#32
Benzoic acid
Concen: 36.24 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion:122 Resp: 177934
Ion Ratio Lower Upper
122 100
105 121.5 107.2 147.2
77 86.3 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

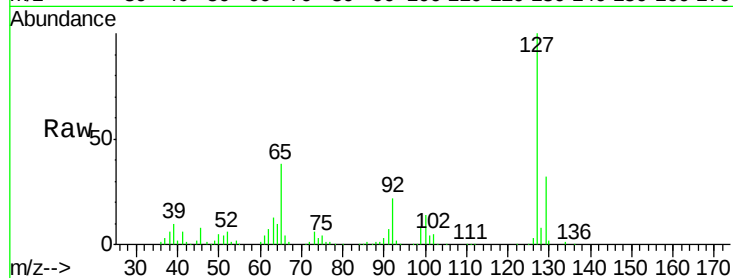




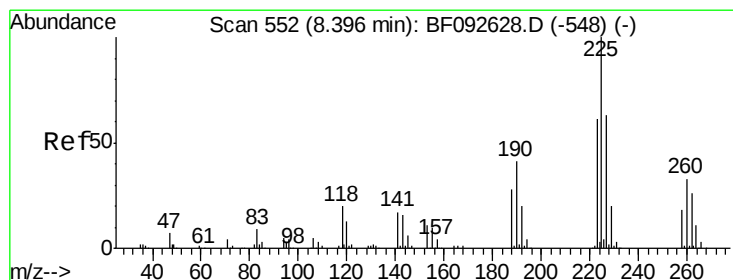
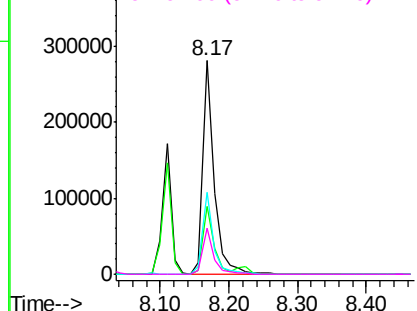
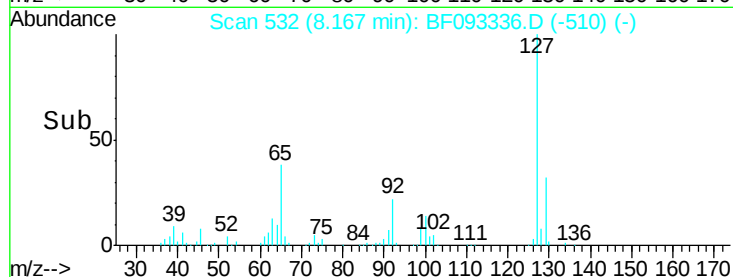
#33
4-Chloroaniline
Concen: 26.67 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tgt Ion:	127	Resp:	316499
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	38.4	25.8	38.8
92	21.6	16.1	24.1

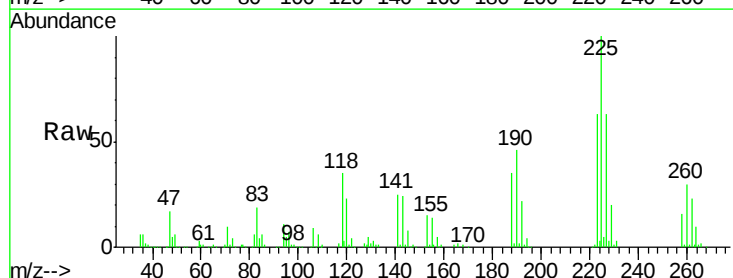


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

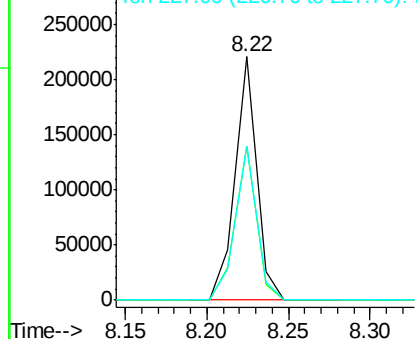
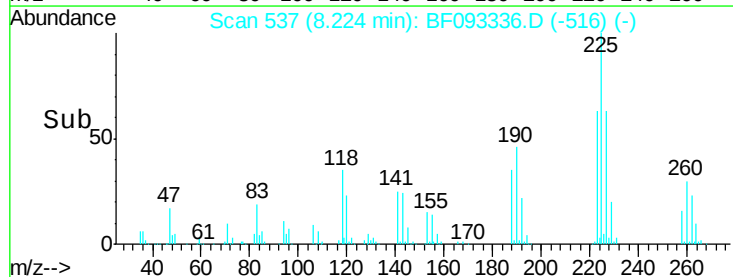


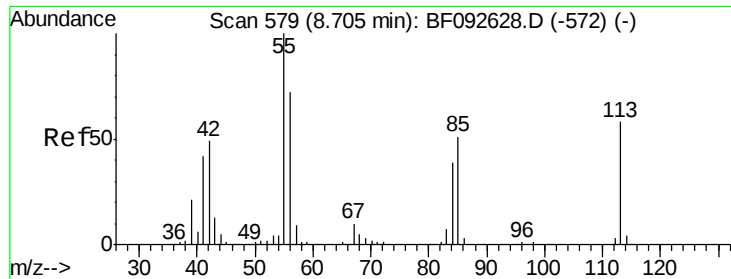
#34
Hexachlorobutadiene
Concen: 39.65 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion:	225	Resp:	201492
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	63.3	50.6	76.0



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

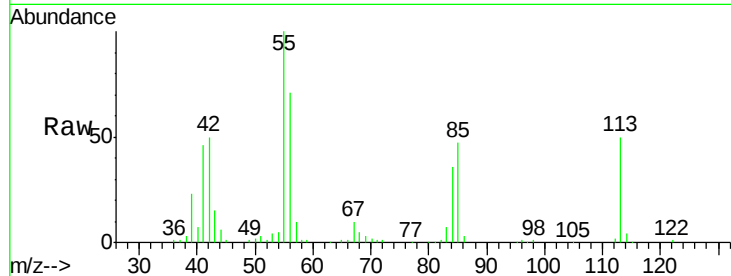




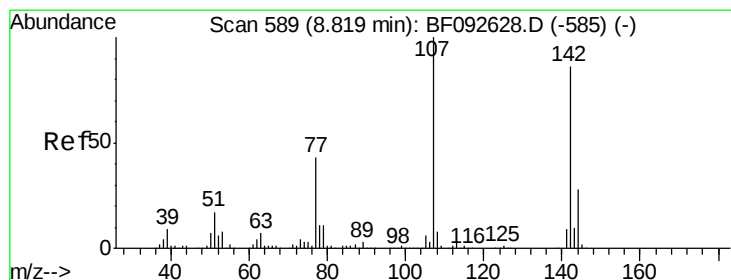
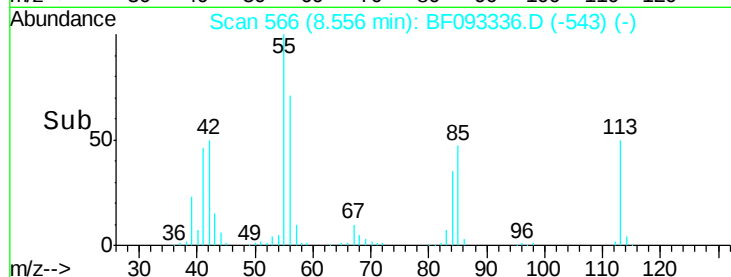
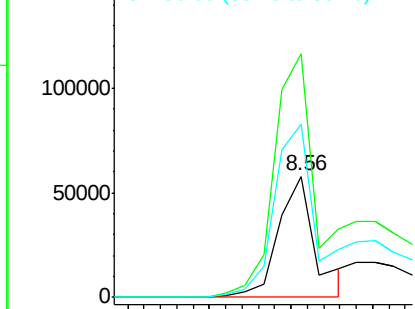
#35
 Caprolactam
 Concen: 33.35 ng
 RT: 8.56 min Scan# 566
 Delta R.T. -0.03 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Tgt Ion:113 Resp: 89893
 Ion Ratio Lower Upper
 113 100
 55 201.6 119.2 159.2#
 56 143.0 83.8 123.8#

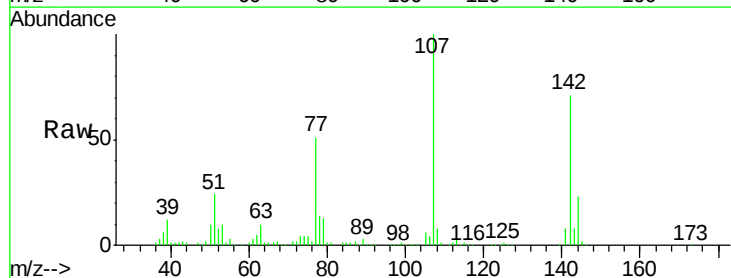


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

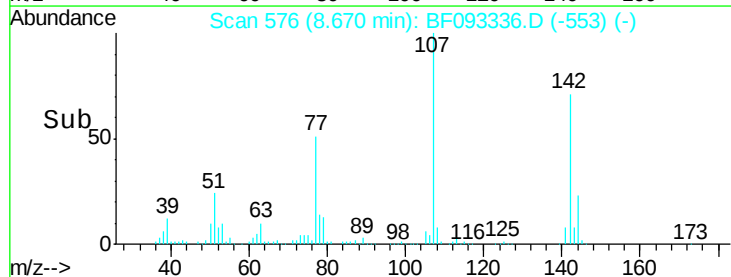
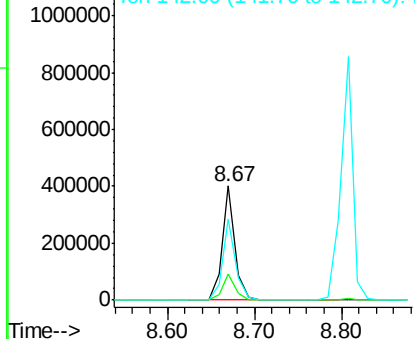


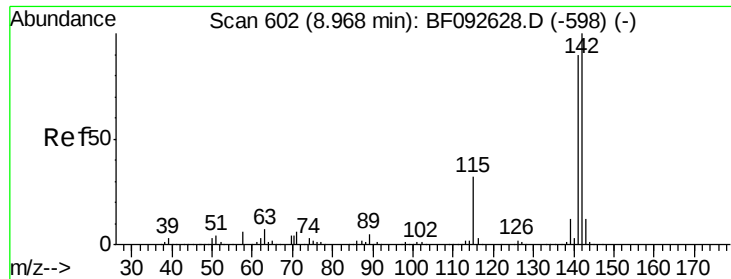
#36
 4-Chloro-3-methylphenol
 Concen: 46.26 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion:107 Resp: 413382
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.3 28.9
 142 71.5 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

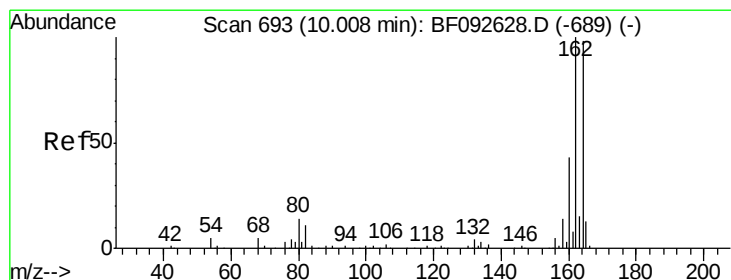
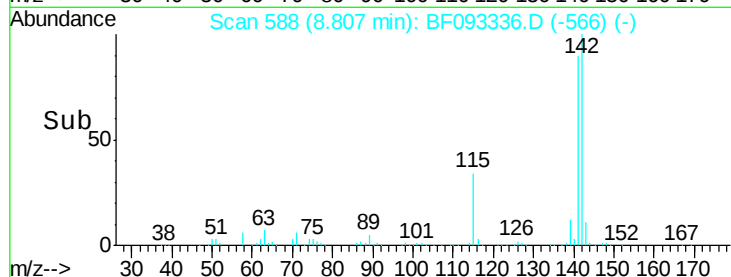
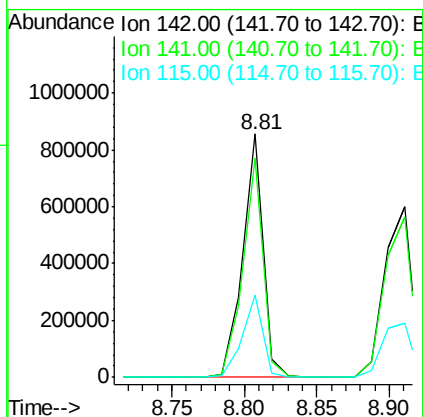
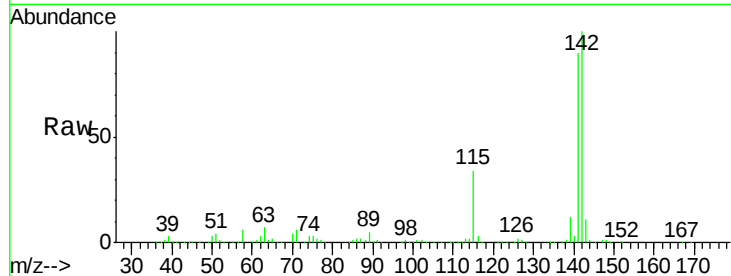




#37
 2-Methylnaphthalene
 Concen: 43.11 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

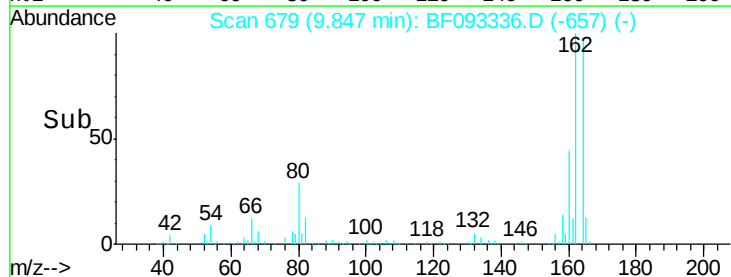
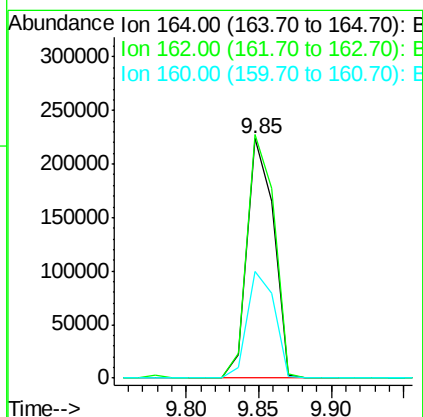
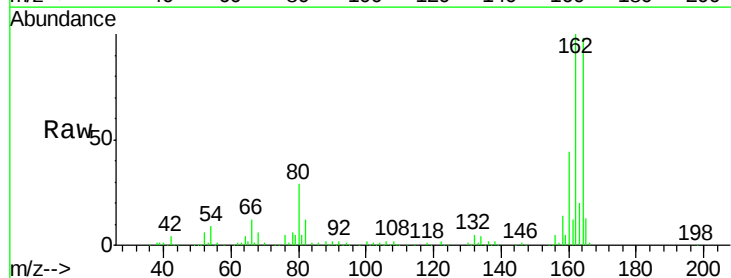
Instrument :
 BNA_F
 ClientSampled :
 PB97297BS

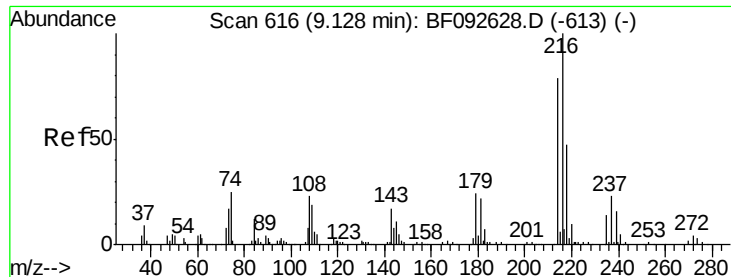
Tgt Ion:142 Resp: 837624
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.0 106.6
 115 33.7 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion:164 Resp: 284122
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.2 120.2
 160 44.7 36.9 55.3

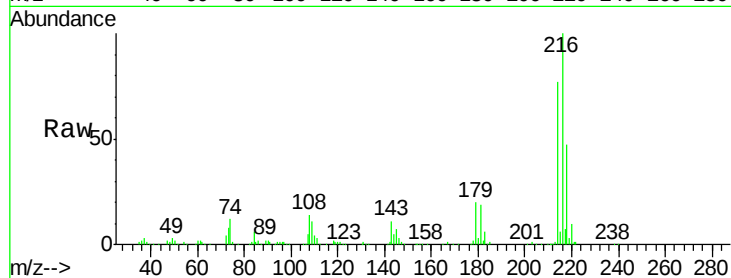




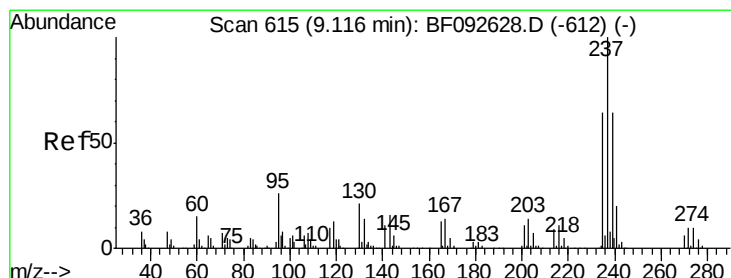
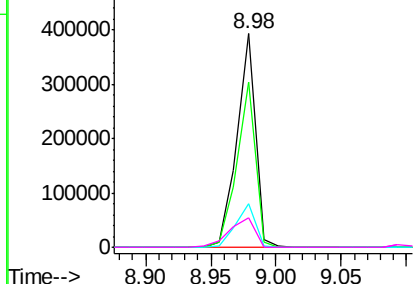
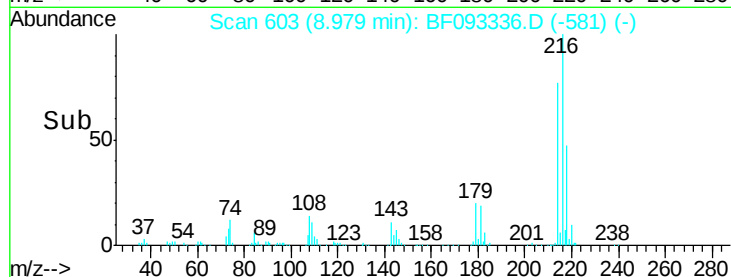
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.21 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.05 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Tgt Ion:	216	Resp:	384525
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.4	95.0
179	21.3	17.4	26.2
108	19.9	15.6	23.4

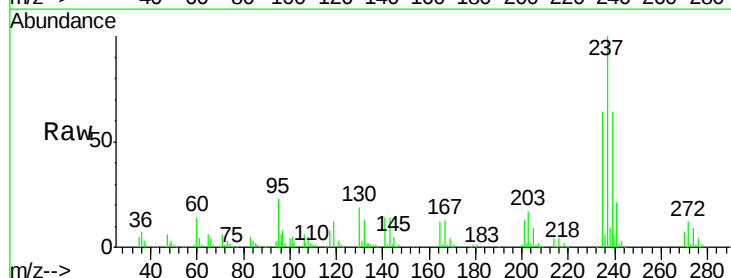


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

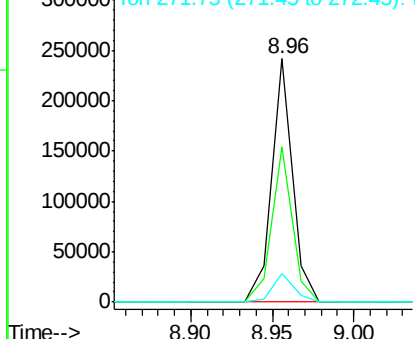
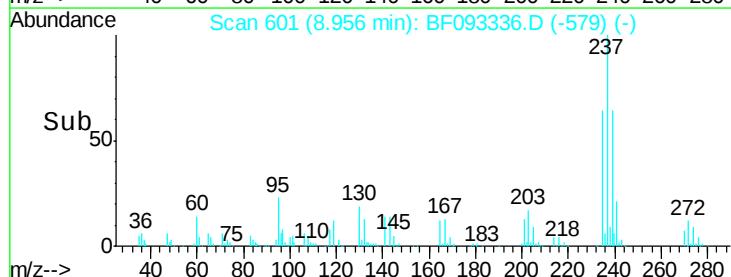


#40
 Hexachlorocyclopentadiene
 Concen: 60.03 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.05 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion:	237	Resp:	216008
Ion	Ratio	Lower	Upper
237	100		
235	63.9	41.2	81.2
272	12.0	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

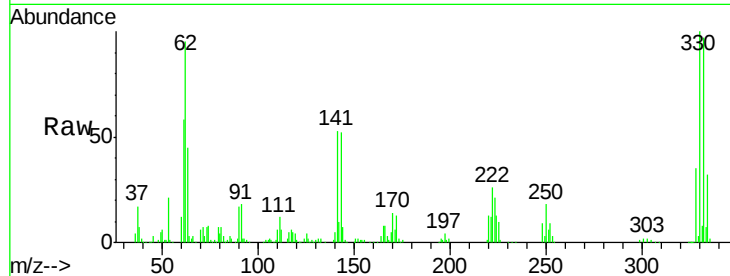




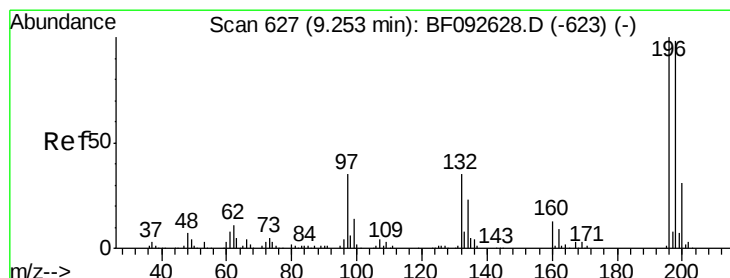
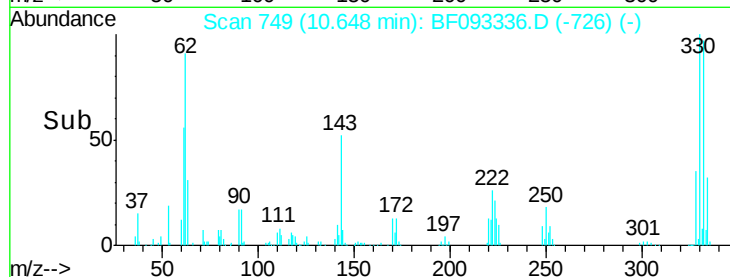
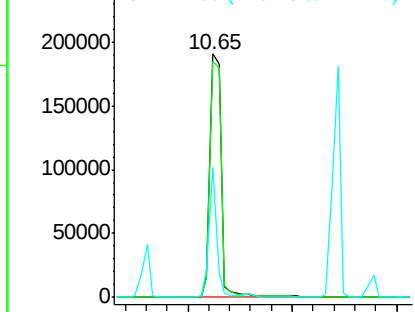
#41
 2,4,6-Tribromophenol
 Concen: 141.60 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Tgt Ion:330 Resp: 290982
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 35.5 34.1 51.1

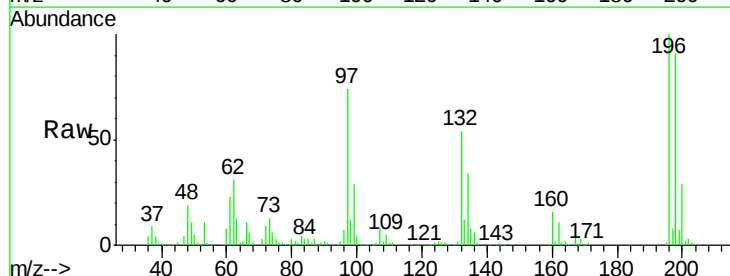


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

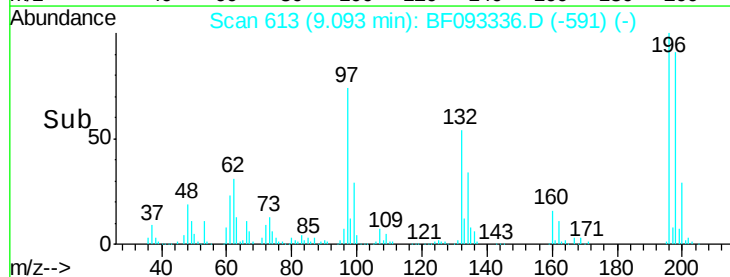
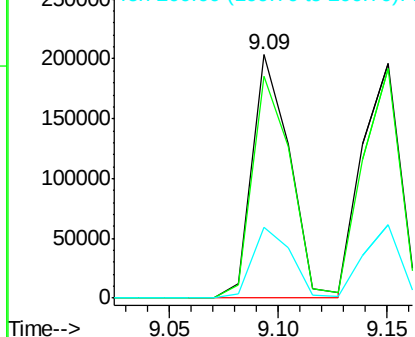


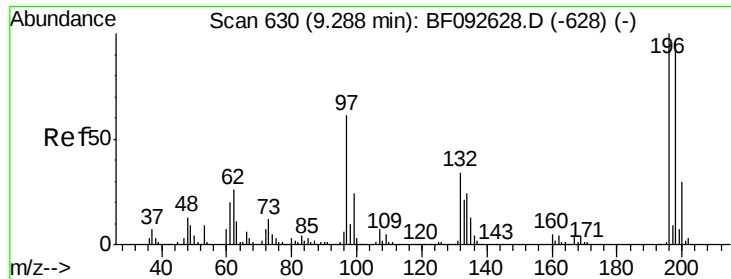
#42
 2,4,6-Trichlorophenol
 Concen: 46.73 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion:196 Resp: 244900
 Ion Ratio Lower Upper
 196 100
 198 91.3 82.1 123.1
 200 29.1 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

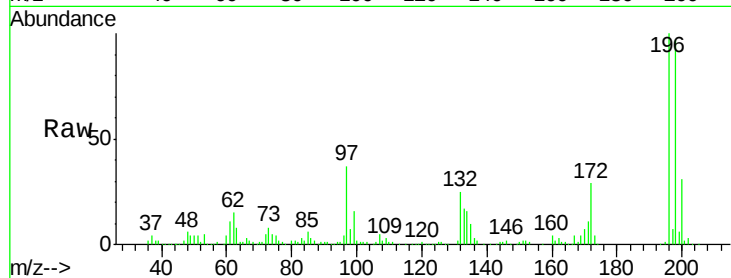




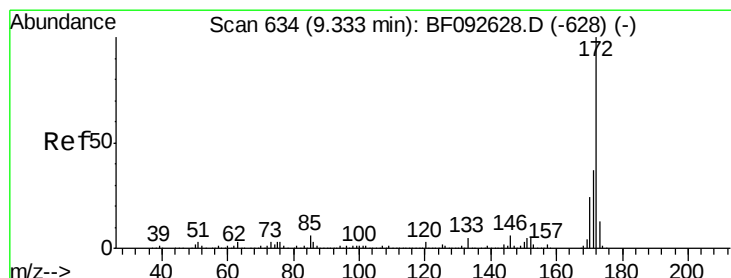
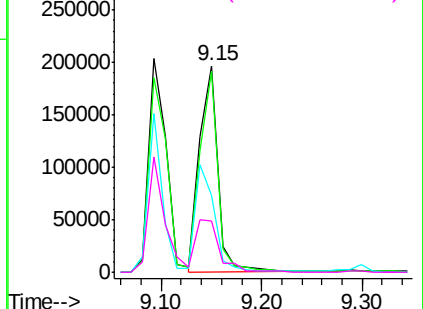
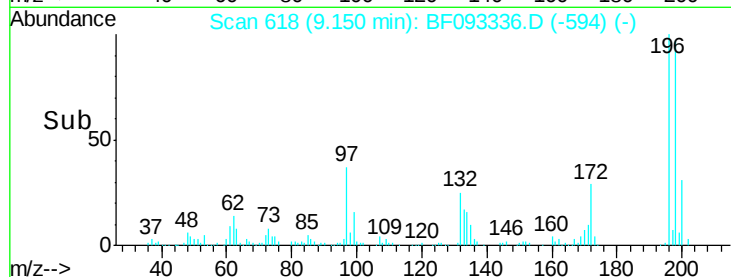
#43
 2,4,5-Trichlorophenol
 Concen: 44.08 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Tgt Ion:196 Resp: 253102
 Ion Ratio Lower Upper
 196 100
 198 97.4 79.4 119.2
 97 37.2 51.5 77.3#
 132 25.0 27.4 41.2#

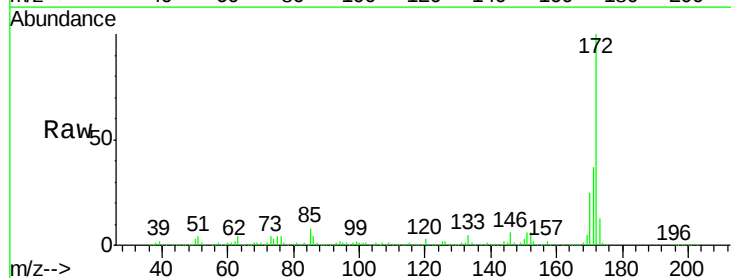


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

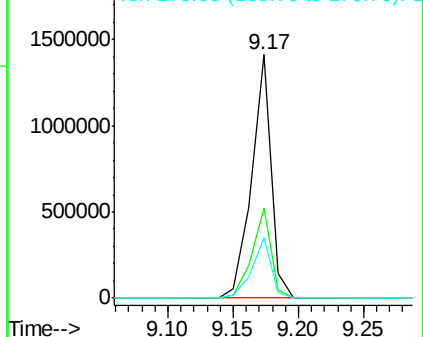
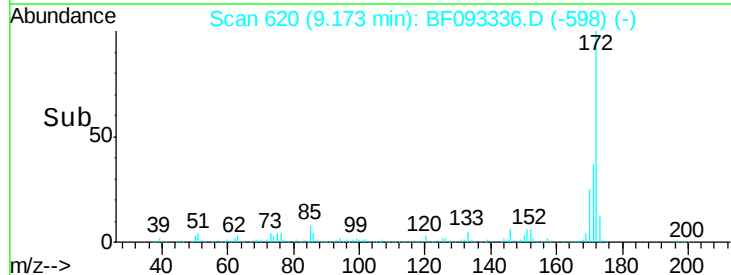


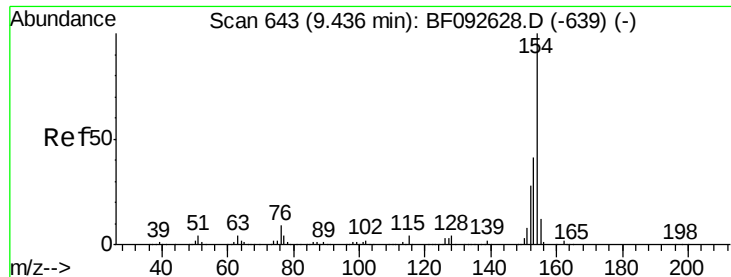
#44
 2-Fluorobiphenyl
 Concen: 93.59 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion:172 Resp: 1467751
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 25.0 20.2 30.4



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

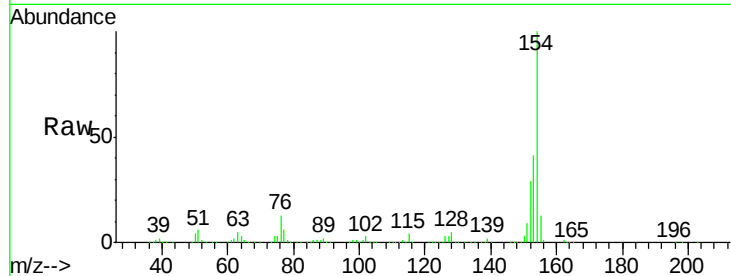




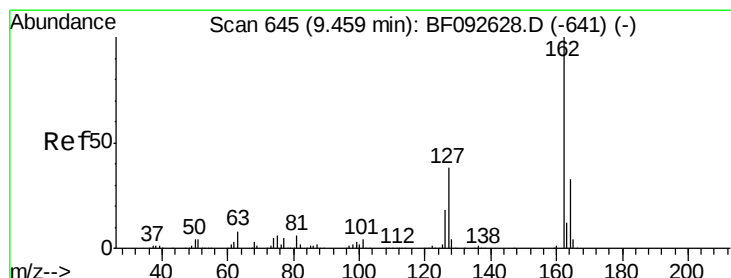
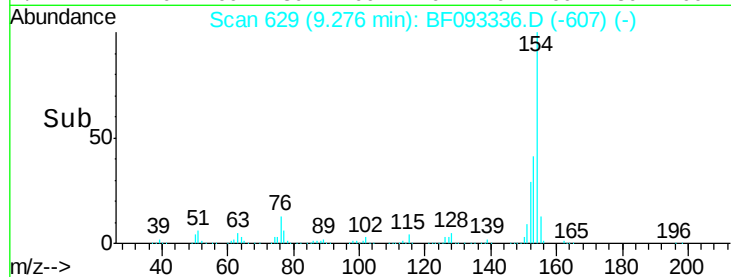
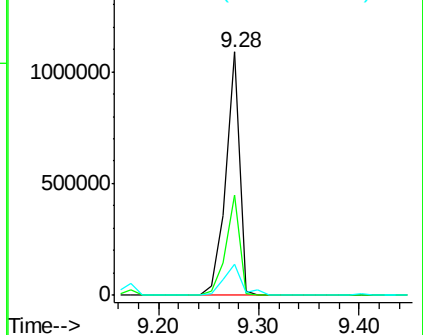
#45
 1,1'-Biphenyl
 Concen: 50.41 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.05 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Tgt Ion:154 Resp: 1037063
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.9 60.9
 76 13.0 0.0 30.5

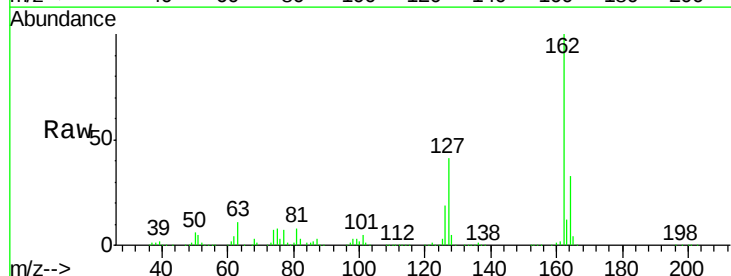


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

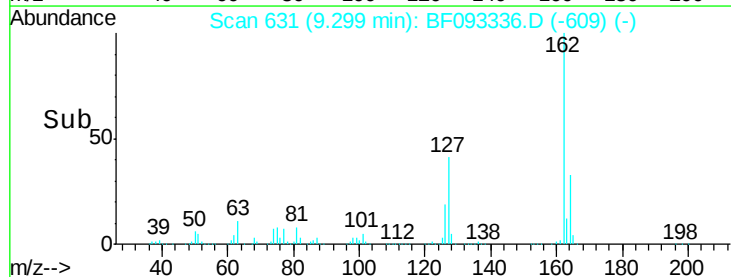
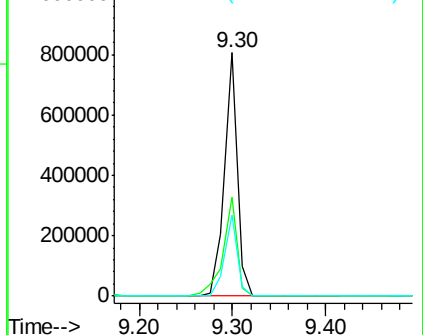


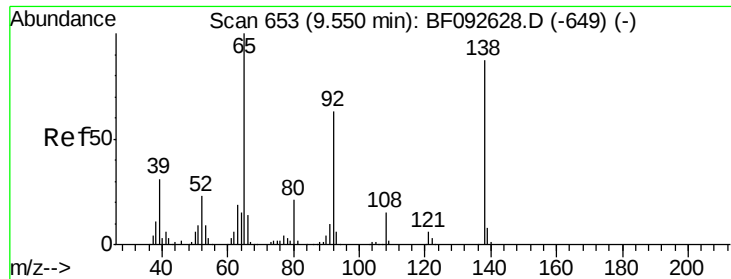
#46
 2-Chloronaphthalene
 Concen: 48.03 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.05 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion:162 Resp: 773037
 Ion Ratio Lower Upper
 162 100
 127 40.8 30.7 46.1
 164 33.2 27.6 41.4



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





#47

2-Nitroaniline

Concen: 51.09 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.05 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

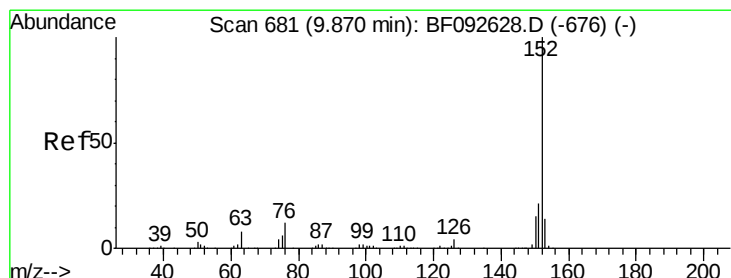
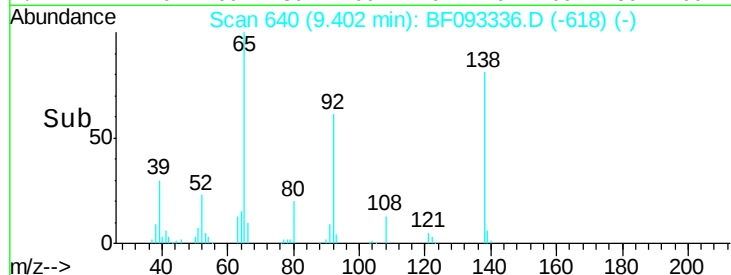
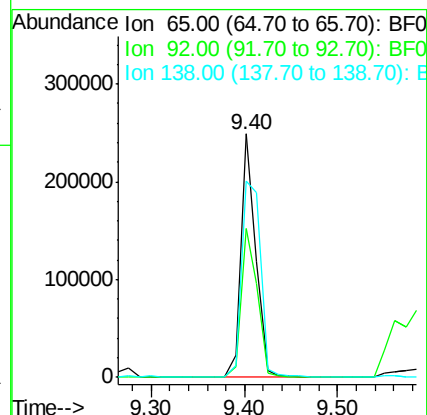
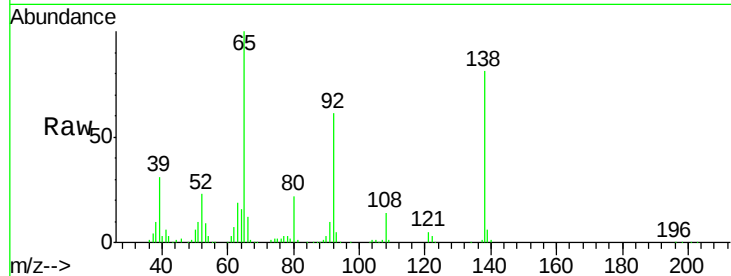
Tgt Ion: 65 Resp: 276437

Ion Ratio Lower Upper

65 100

92 60.9 53.9 80.9

138 80.5 76.8 115.2



#48

Acenaphthylene

Concen: 42.69 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

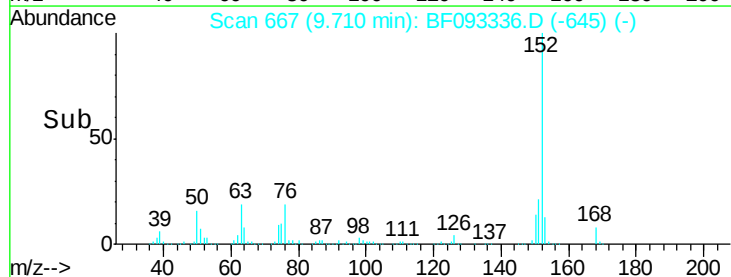
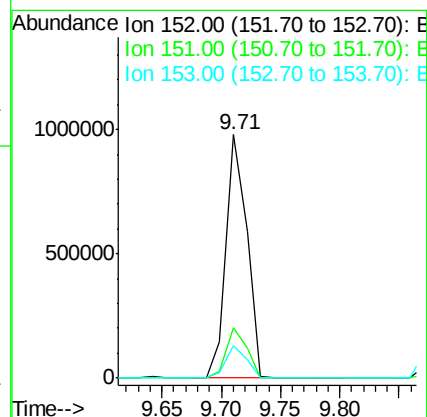
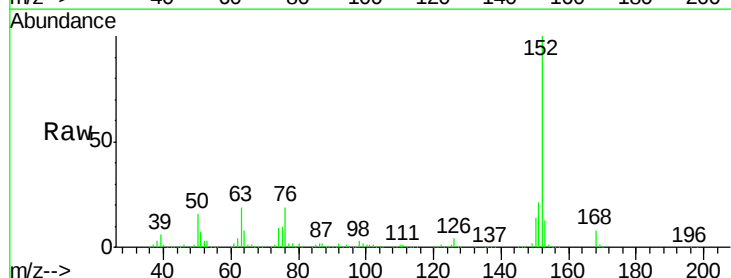
Tgt Ion: 152 Resp: 1186825

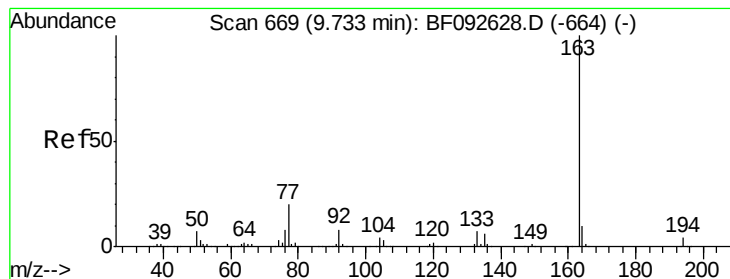
Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

153 13.3 11.4 17.2





#49

Dimethylphthalate

Concen: 51.53 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

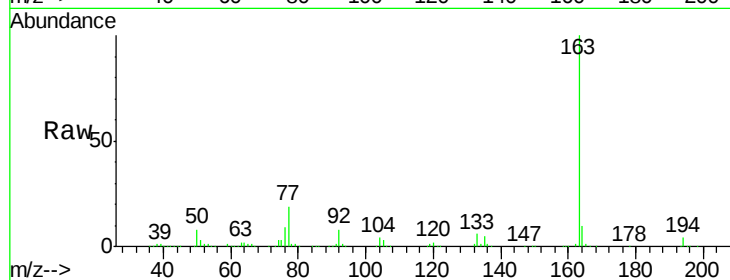
Tgt Ion:163 Resp: 986093

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

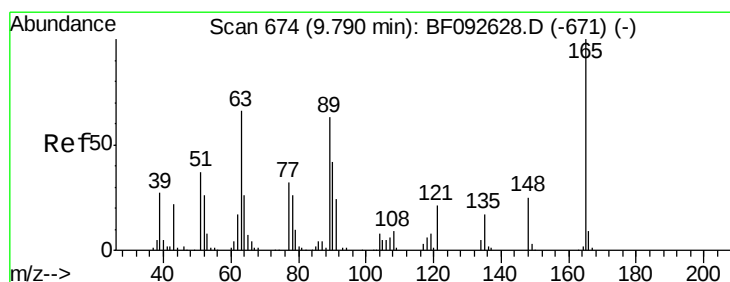
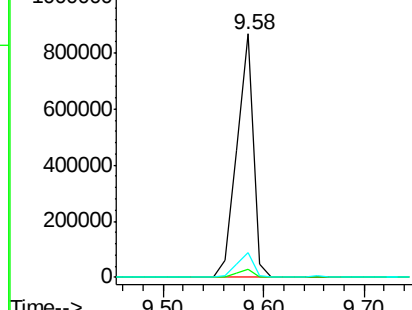
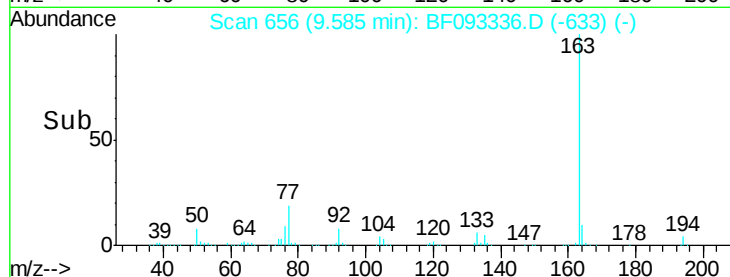
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 56.33 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.03 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

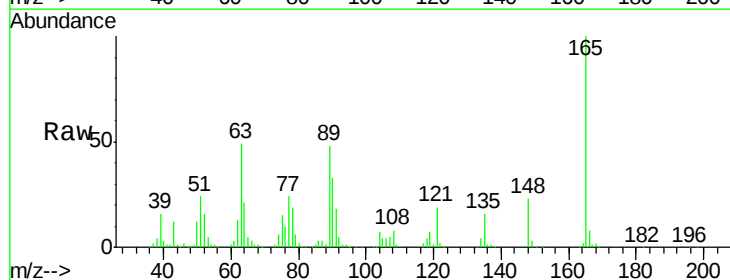
Tgt Ion:165 Resp: 232811

Ion Ratio Lower Upper

165 100

63 49.1 36.2 54.4

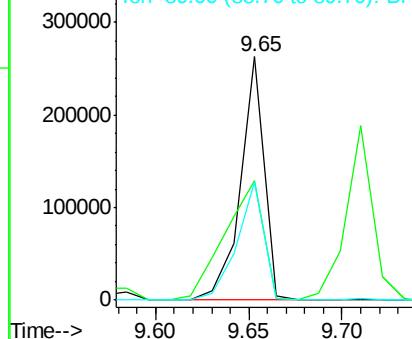
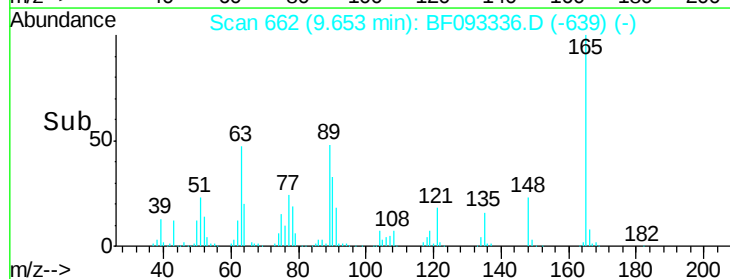
89 48.3 40.2 60.4

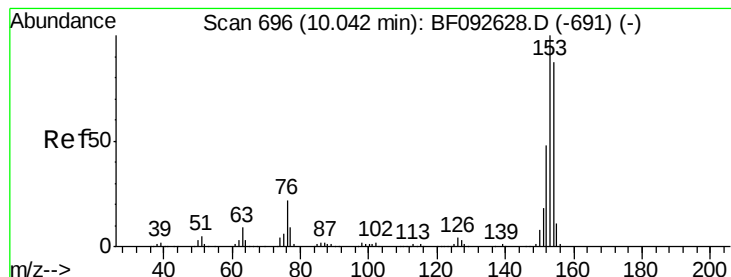


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.67 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

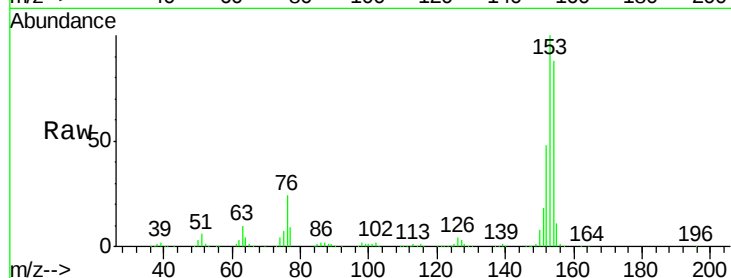
Tgt Ion:154 Resp: 709226

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

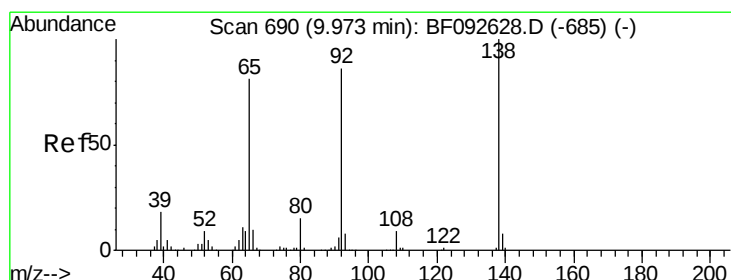
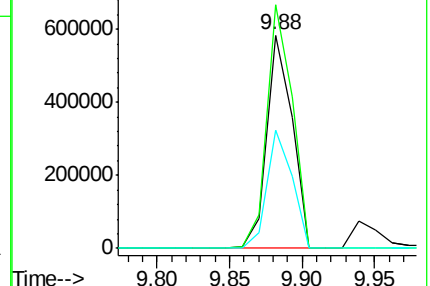
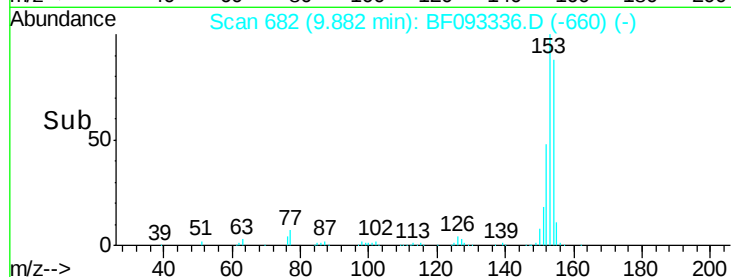
152 55.2 41.6 62.4



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: 35.11 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

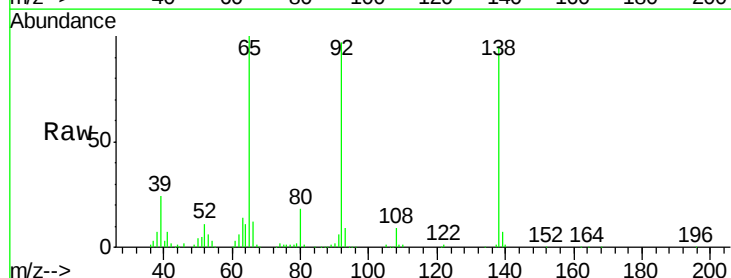
Tgt Ion:138 Resp: 166065

Ion Ratio Lower Upper

138 100

108 9.5 8.5 12.7

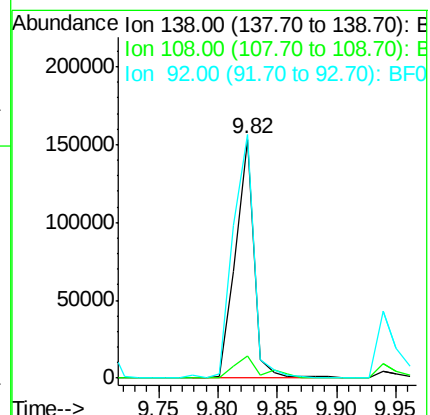
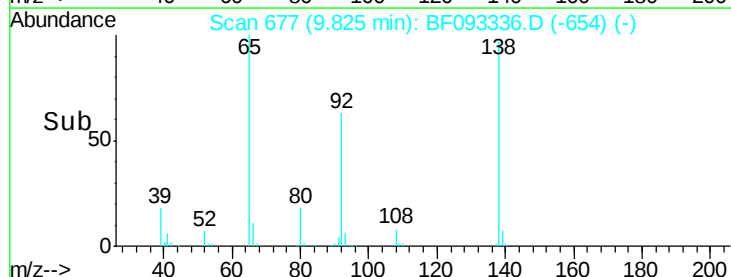
92 102.0 97.8 146.8

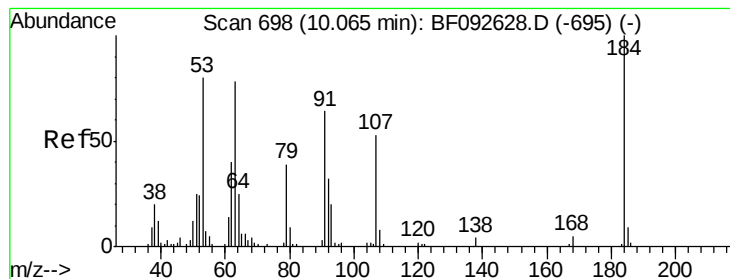


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 107.01 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

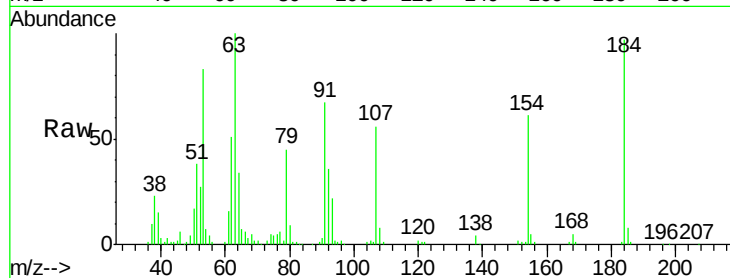
Tgt Ion:184 Resp: 228553

Ion Ratio Lower Upper

184 100

63 103.2 28.4 42.6#

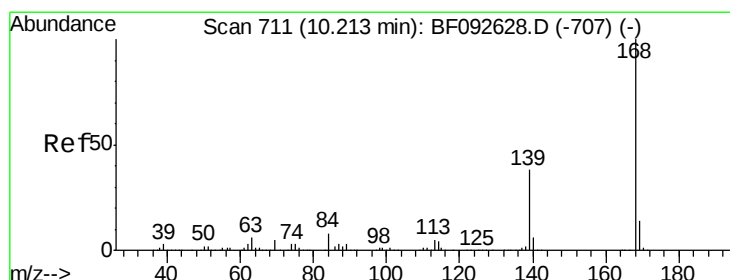
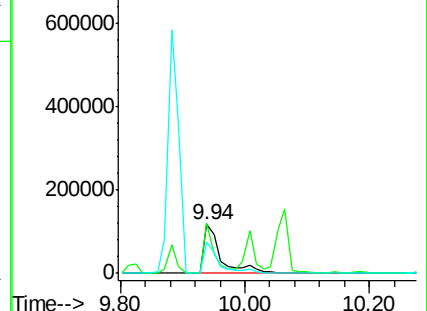
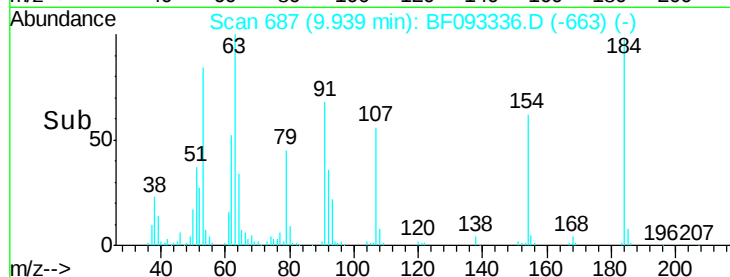
154 63.3 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 48.06 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

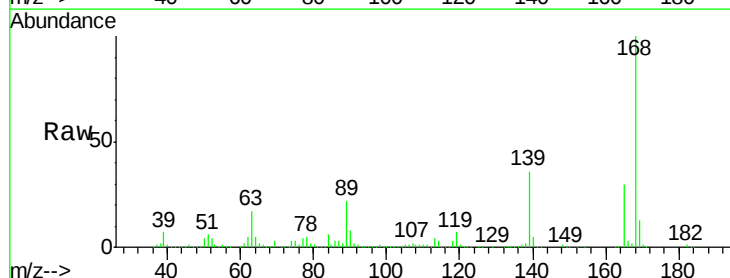
Tgt Ion:168 Resp: 1068548

Ion Ratio Lower Upper

168 100

139 35.7 32.6 49.0

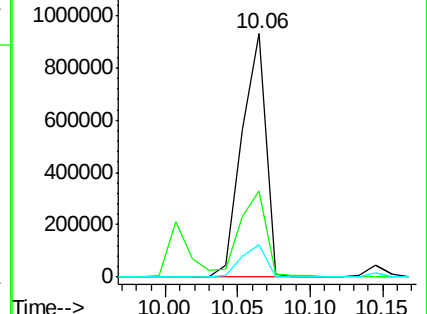
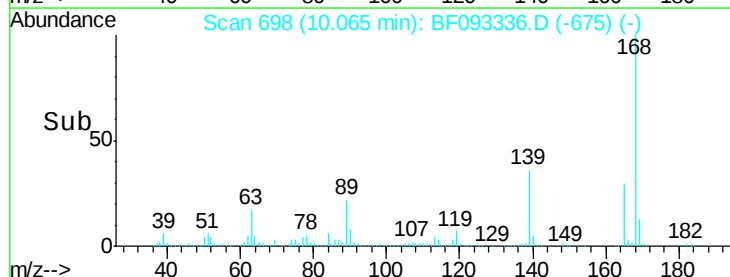
169 13.2 11.3 16.9

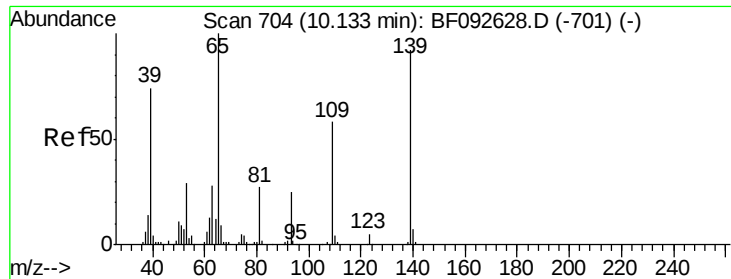


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

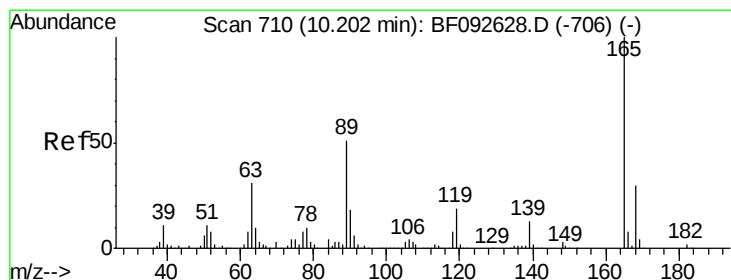
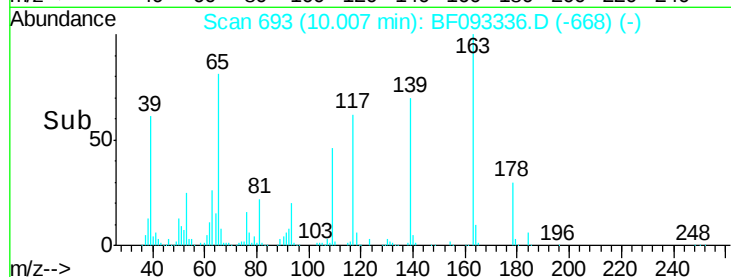
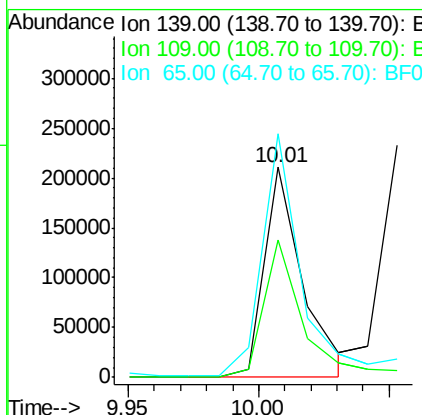
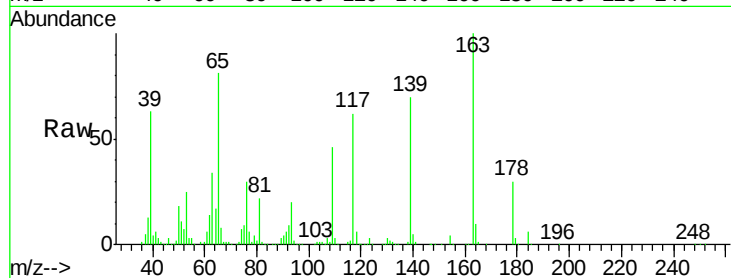




#55
4-Nitrophenol
Concen: 63.47 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

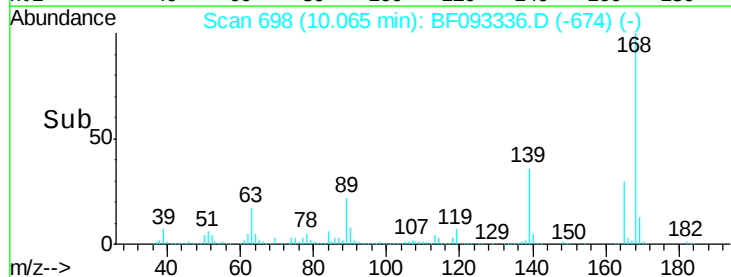
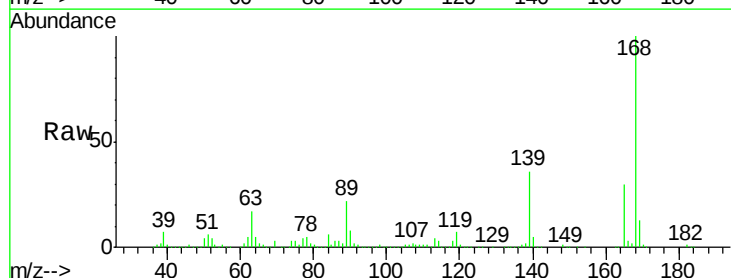
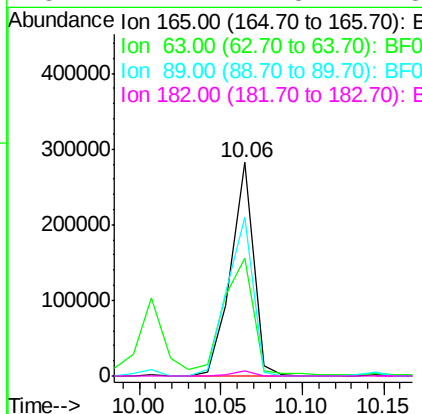
Instrument :
BNA_F
ClientSampleId :
PB97297BS

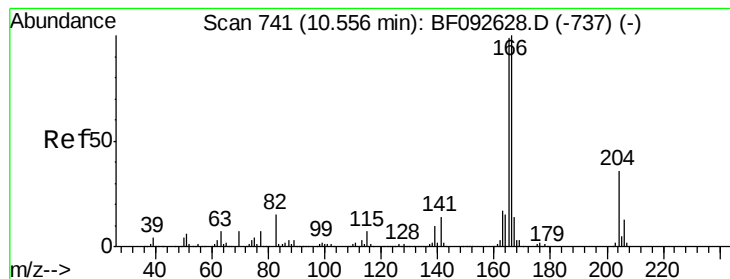
Tgt Ion:139 Resp: 216220
Ion Ratio Lower Upper
139 100
109 65.5 52.2 92.2
65 115.8 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 49.30 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion:165 Resp: 271248
Ion Ratio Lower Upper
165 100
63 55.1 40.2 60.4
89 74.1 62.5 93.7
182 2.4 1.8 2.8





#57

Fluorene

Concen: 50.66 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

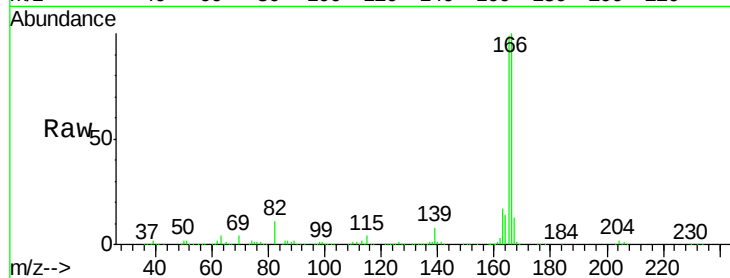
Tgt Ion:166 Resp: 866541

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

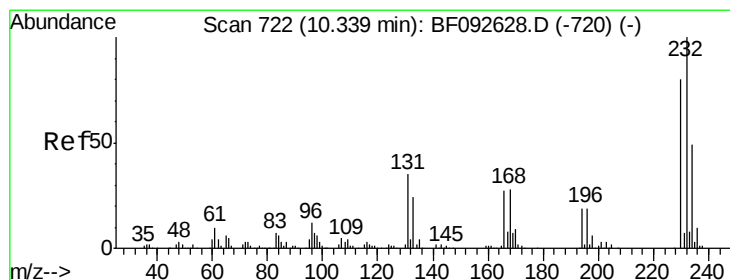
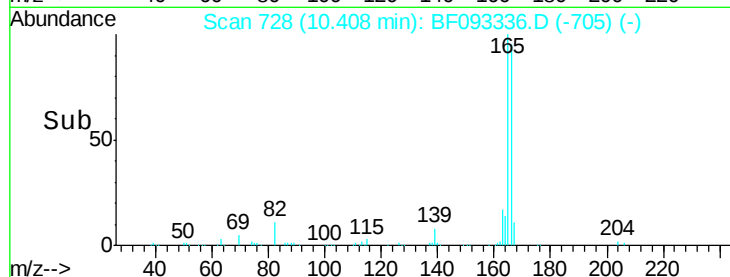
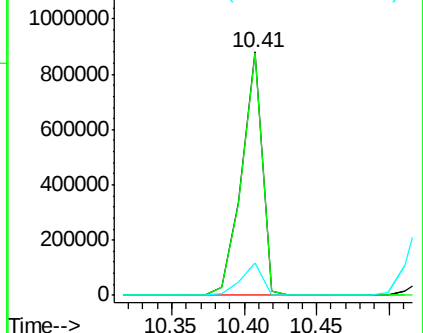
167 13.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.68 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.03 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Tgt Ion:232 Resp: 217118

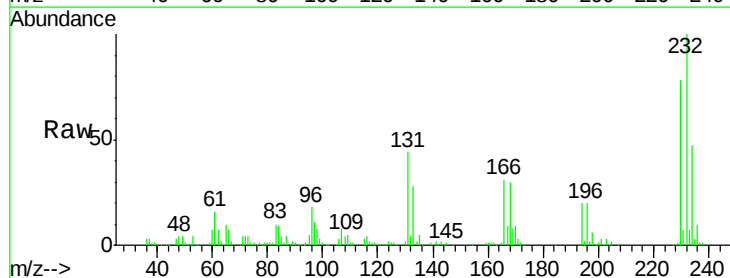
Ion Ratio Lower Upper

232 100

131 43.8 40.1 60.1

130 2.3 1.8 2.8

166 29.2 26.6 39.8

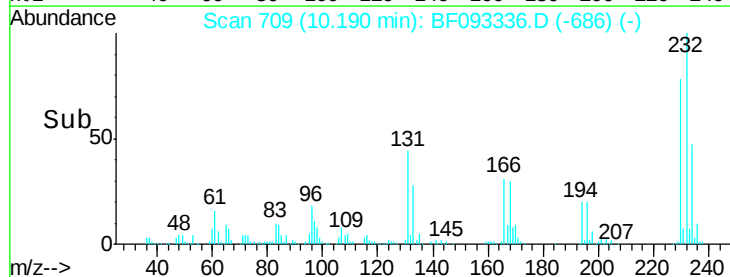
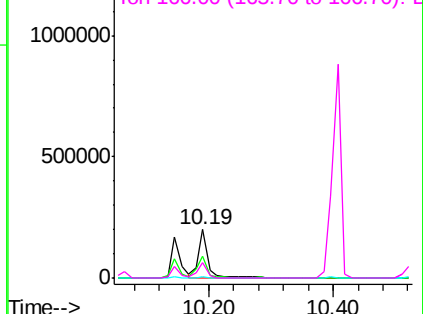


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.96 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

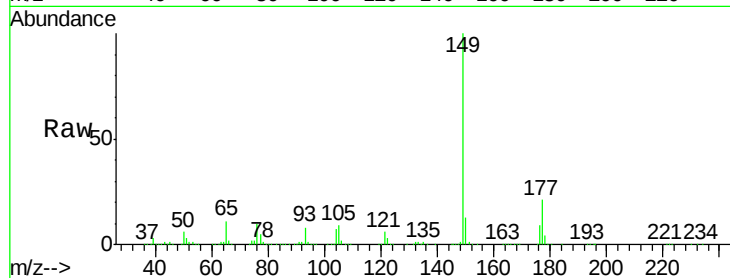
Tgt Ion:149 Resp: 882968

Ion Ratio Lower Upper

149 100

177 21.4 16.6 25.0

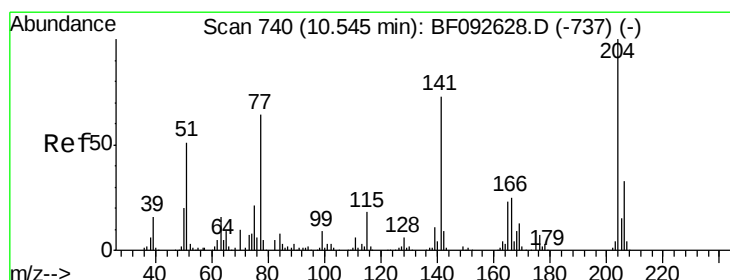
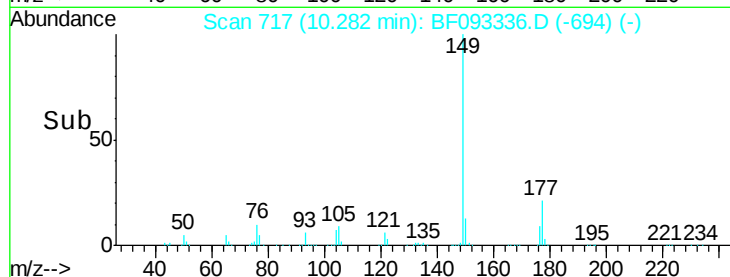
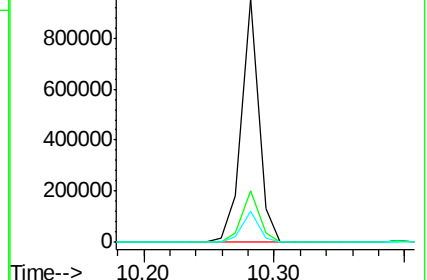
150 12.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.77 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

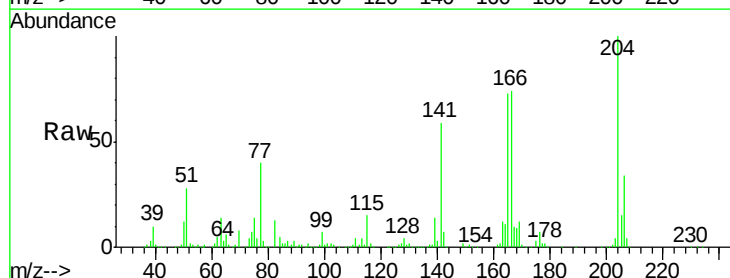
Tgt Ion:204 Resp: 392578

Ion Ratio Lower Upper

204 100

206 34.4 25.8 38.6

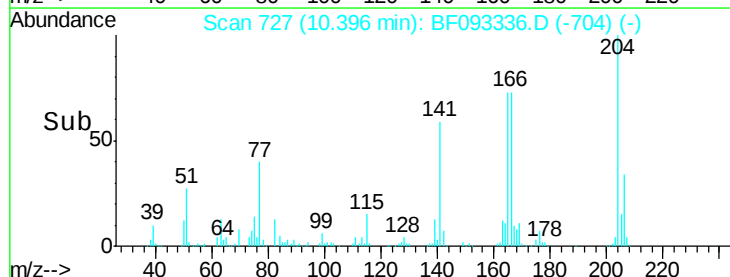
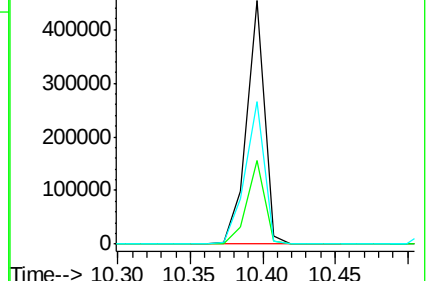
141 58.7 59.4 89.0#

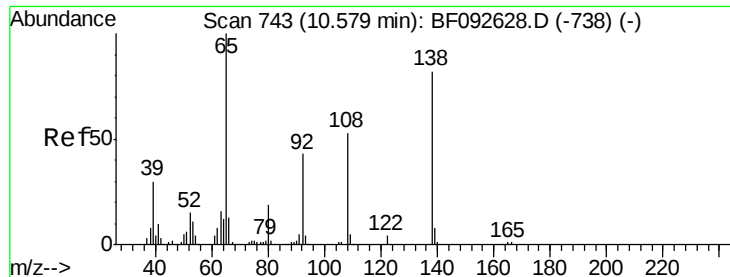


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

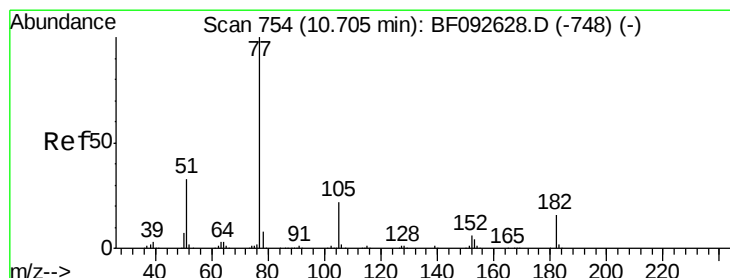
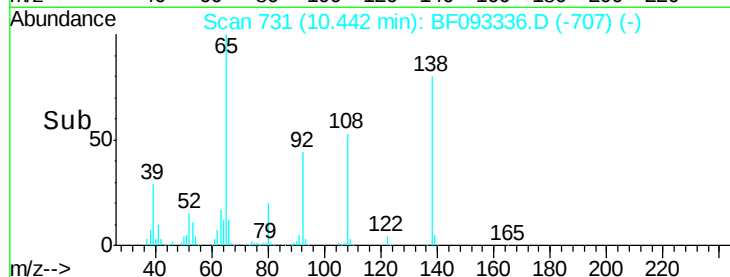
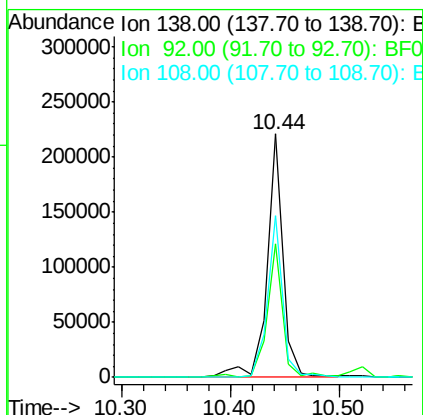
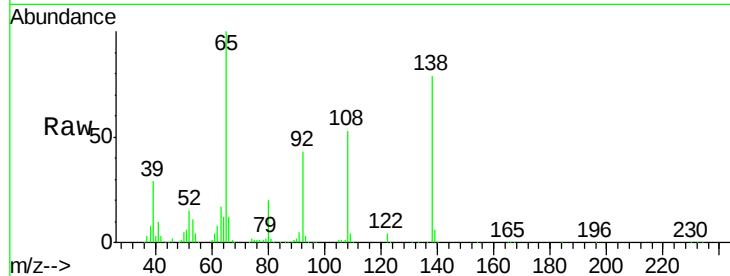




#61
4-Nitroaniline
Concen: 47.19 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

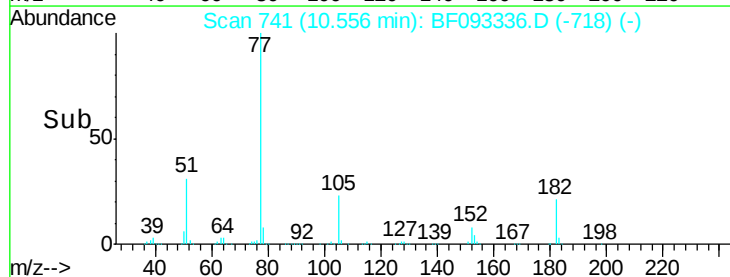
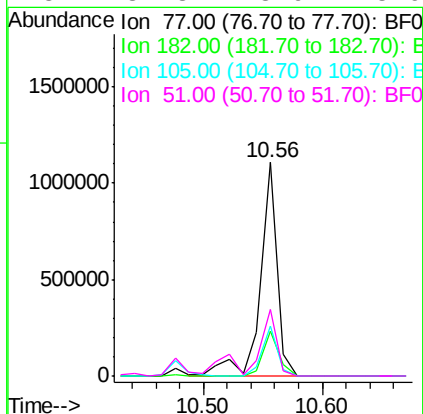
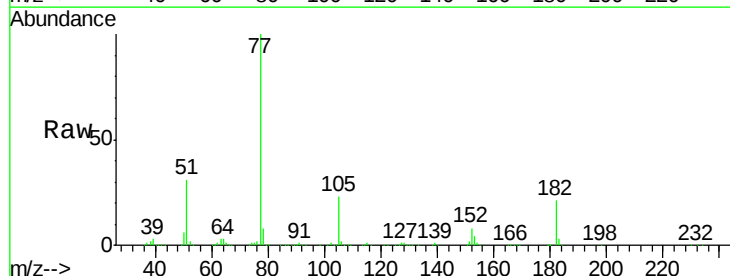
Instrument :
BNA_F
ClientSampleId :
PB97297BS

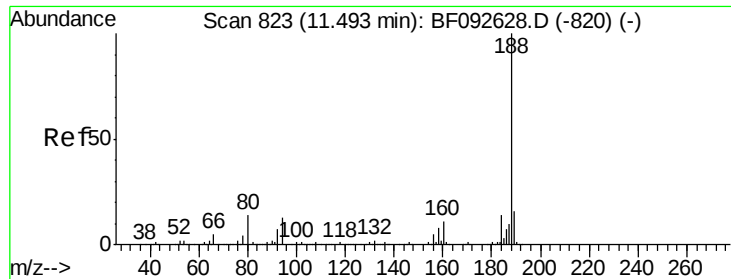
Tgt Ion:138 Resp: 228588
Ion Ratio Lower Upper
138 100
92 54.8 31.7 71.7
108 66.6 52.6 92.6



#62
Azobenzene
Concen: 58.83 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion: 77 Resp: 1096243
Ion Ratio Lower Upper
77 100
182 20.8 0.0 39.3
105 23.4 2.3 42.3
51 31.3 8.9 48.9

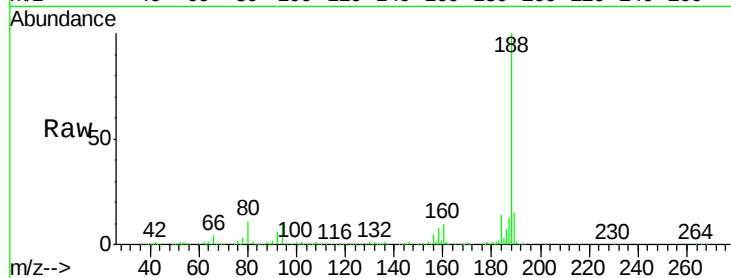




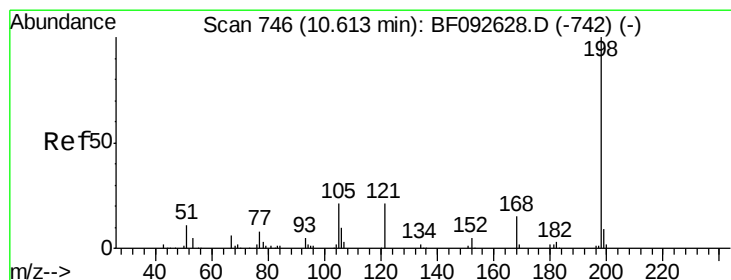
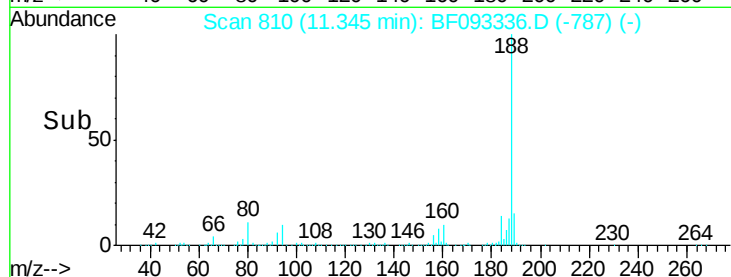
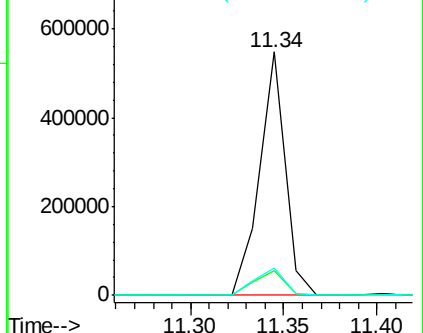
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tgt Ion:188 Resp: 522026
Ion Ratio Lower Upper
188 100
94 10.3 10.0 15.0
80 11.0 11.2 16.8#

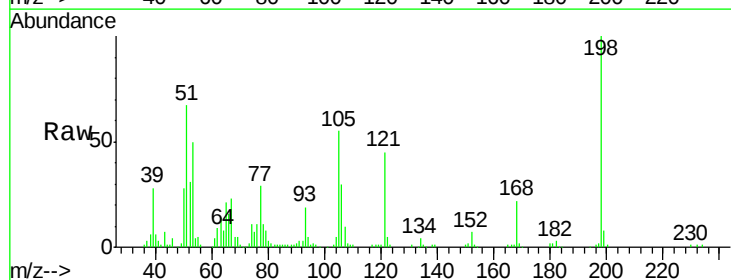


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

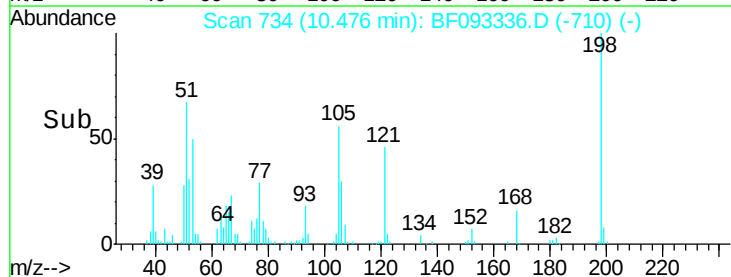
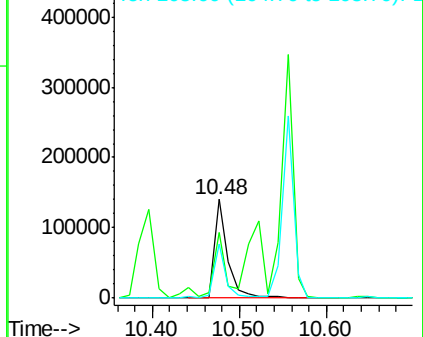


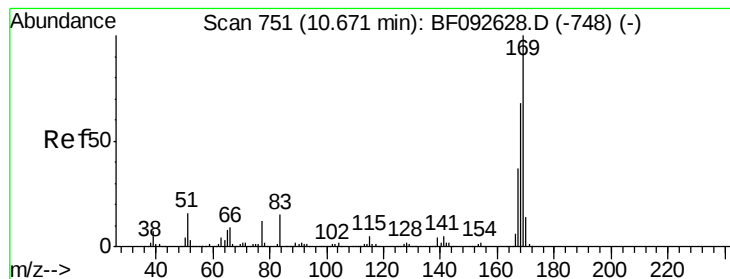
#64
4,6-Dinitro-2-methylphenol
Concen: 48.11 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion:198 Resp: 152882
Ion Ratio Lower Upper
198 100
51 66.5 6.7 46.7#
105 54.9 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 47.57 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

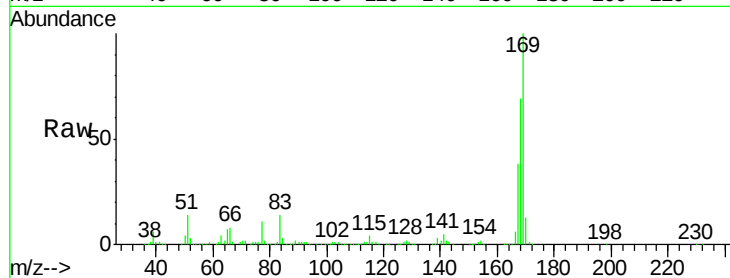
Tgt Ion:169 Resp: 793286

Ion Ratio Lower Upper

169 100

168 68.5 54.2 81.2

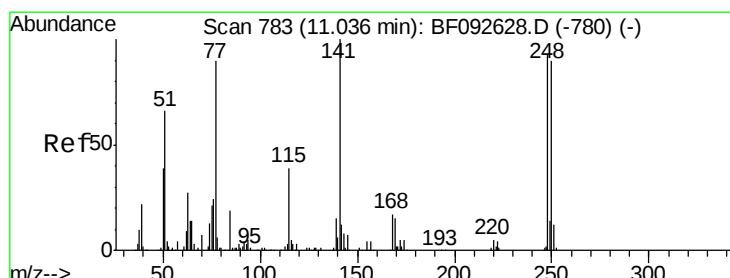
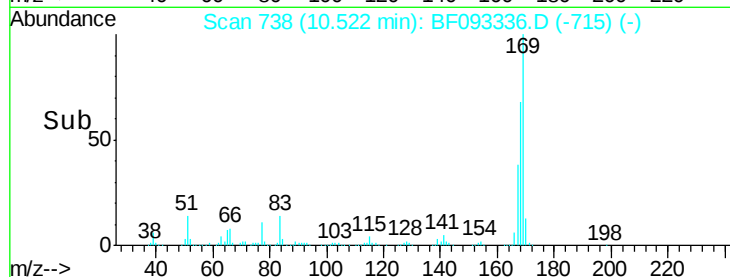
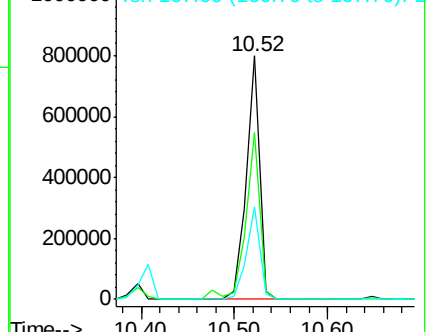
167 38.2 30.2 45.4



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: 43.59 ng

RT: 10.89 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

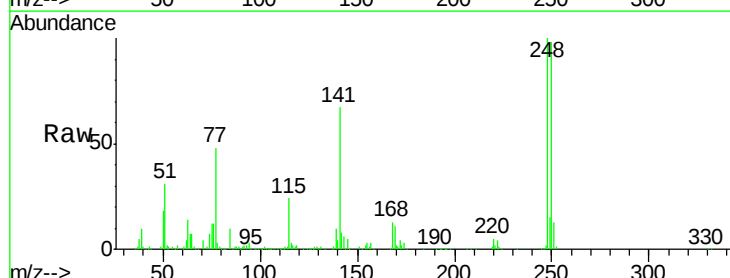
Tgt Ion:248 Resp: 237738

Ion Ratio Lower Upper

248 100

250 97.8 76.9 115.3

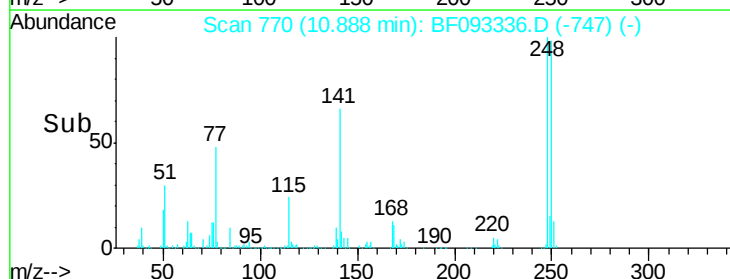
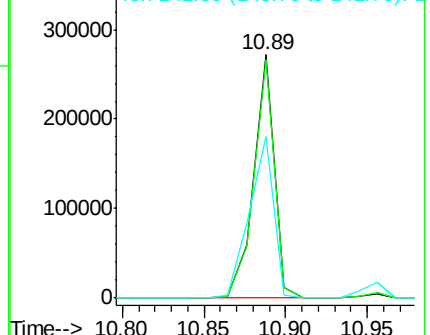
141 66.5 68.2 102.4#

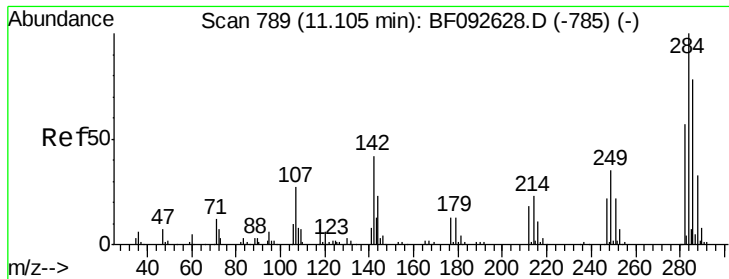


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

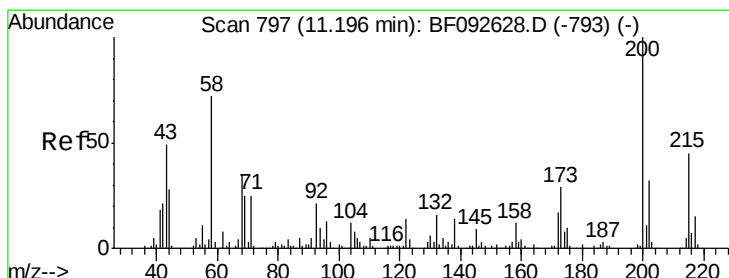
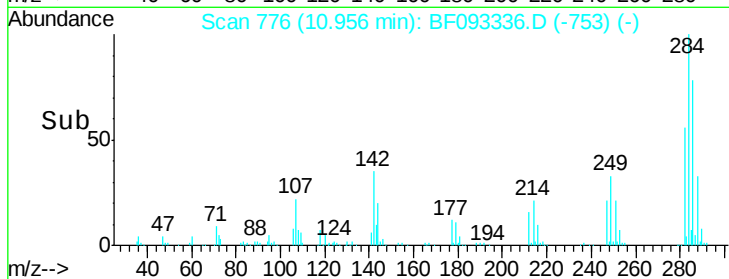
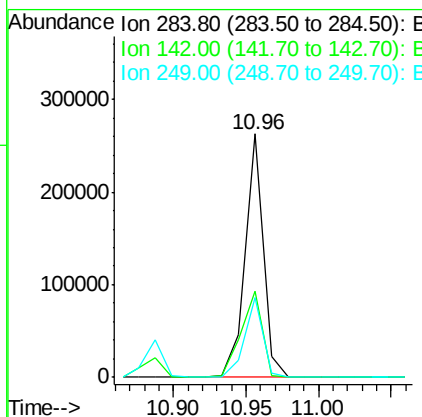
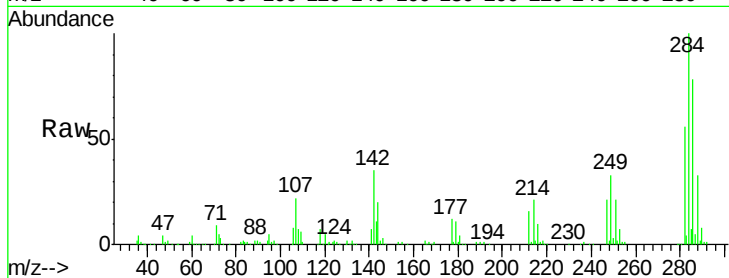




#67
Hexachlorobenzene
Concen: 42.65 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.03 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

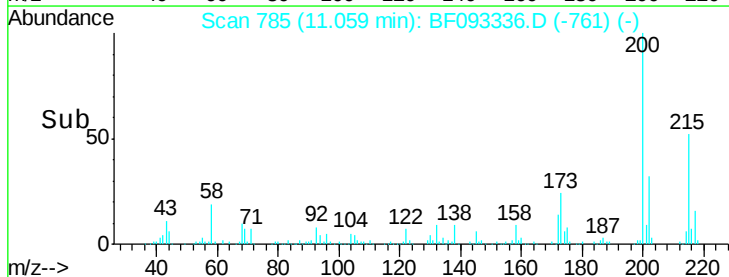
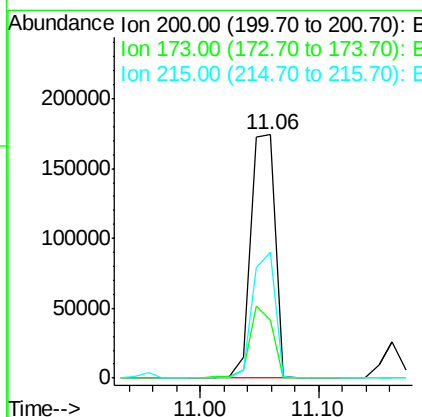
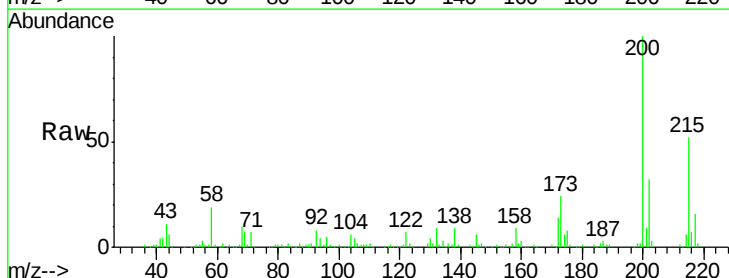
Instrument :
BNA_F
ClientSampleId :
PB97297BS

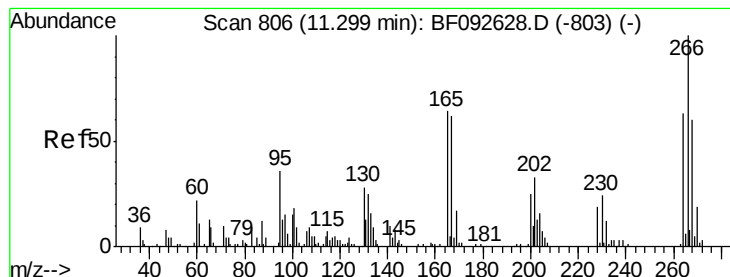
Tgt Ion:284 Resp: 229846
Ion Ratio Lower Upper
284 100
142 35.3 22.6 33.8#
249 32.7 25.4 38.0



#68
Atrazine
Concen: 46.97 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion:200 Resp: 251357
Ion Ratio Lower Upper
200 100
173 23.9 9.6 49.6
215 51.9 25.7 65.7





#69

Pentachlorophenol

Concen: 66.14 ng

RT: 11.16 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

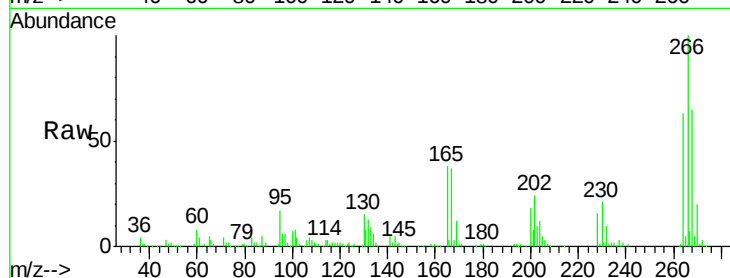
Tgt Ion:266 Resp: 180201

Ion Ratio Lower Upper

266 100

268 65.1 53.3 79.9

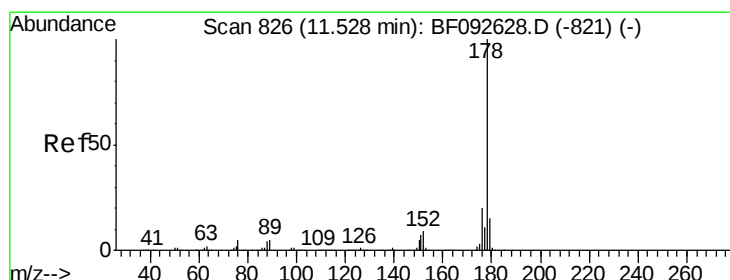
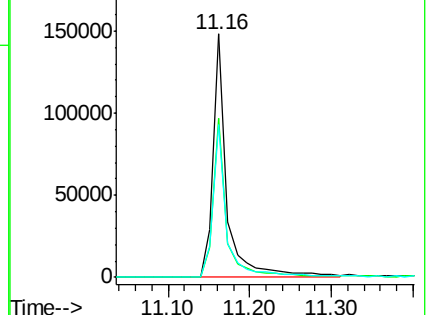
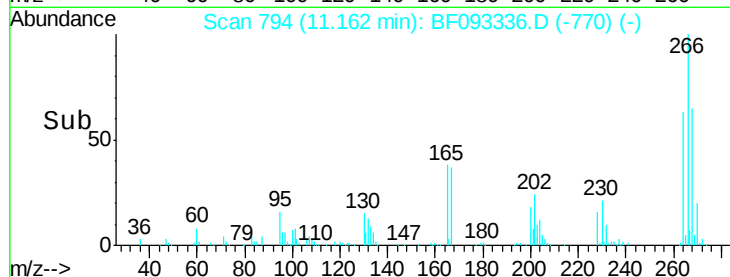
264 62.9 50.3 75.5



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: 38.67 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

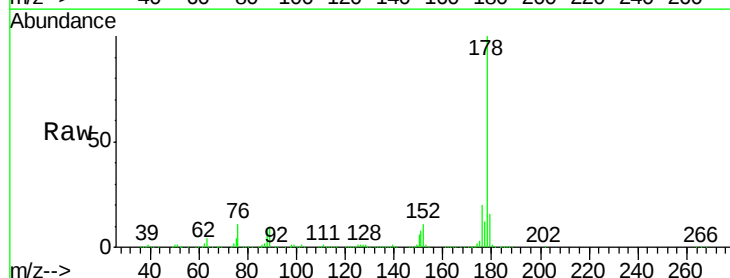
Tgt Ion:178 Resp: 1156521

Ion Ratio Lower Upper

178 100

176 20.1 16.6 25.0

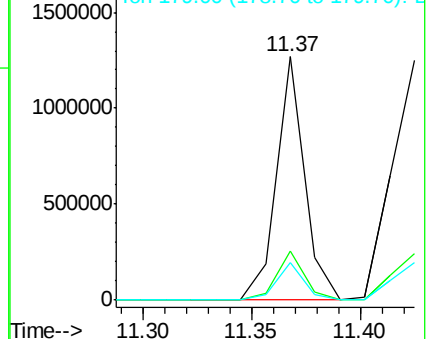
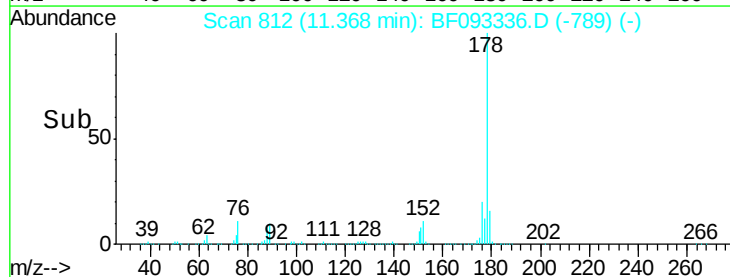
179 15.6 12.8 19.2

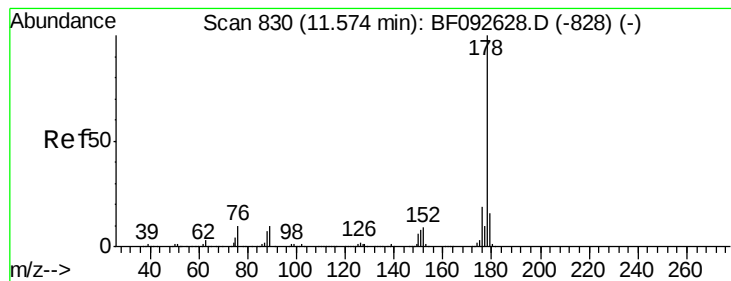


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 44.79 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.03 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

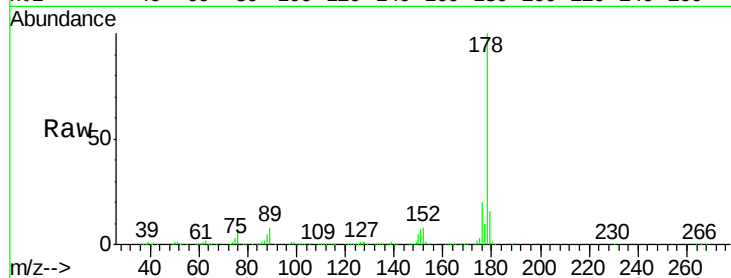
Tgt Ion:178 Resp: 1345186

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

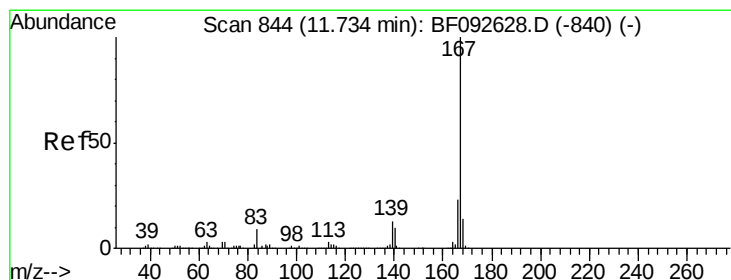
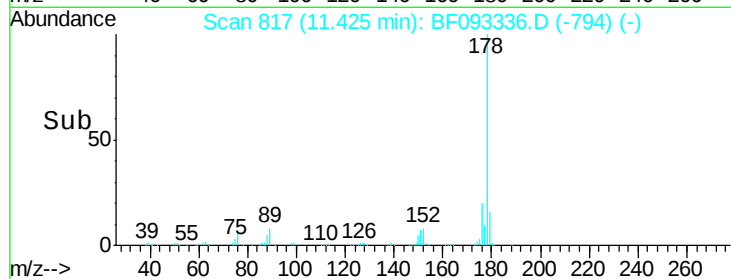
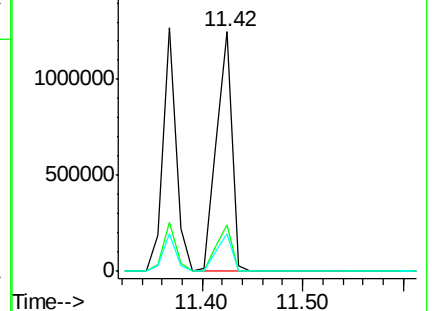
179 15.7 13.2 19.8



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: 44.44 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

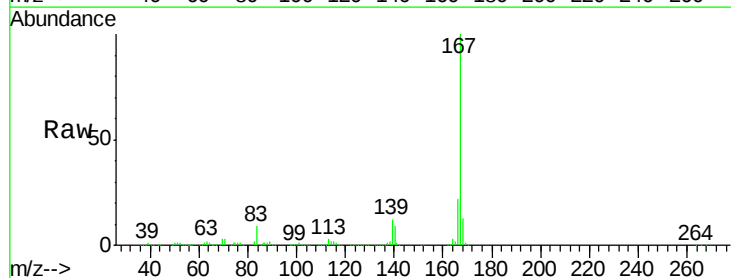
Tgt Ion:167 Resp: 1275730

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

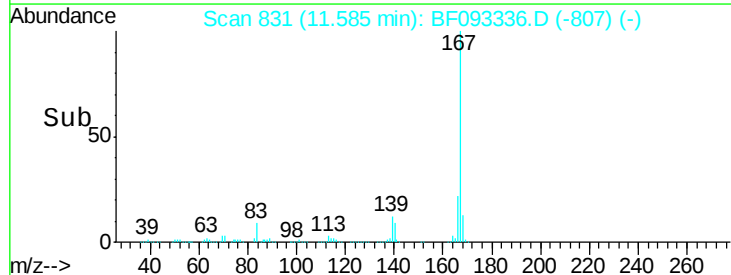
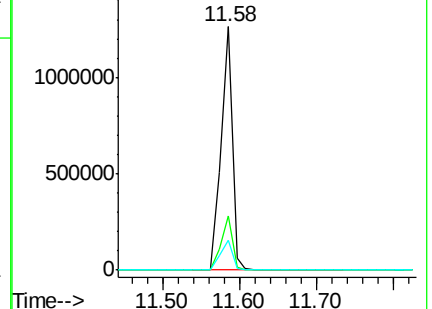
139 12.4 11.4 17.2



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: 45.99 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

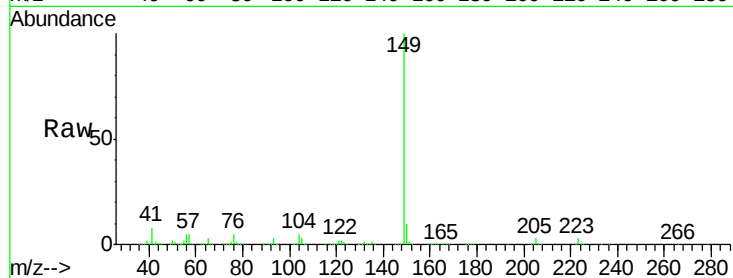
Tgt Ion:149 Resp: 1427910

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

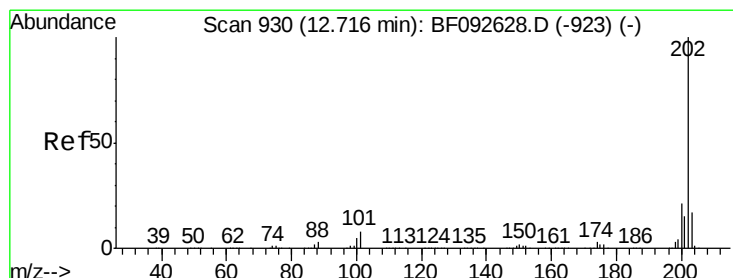
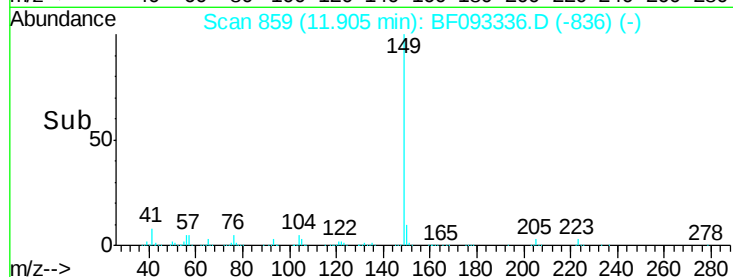
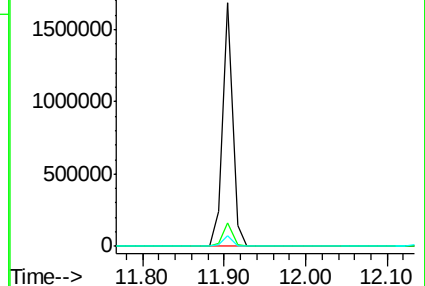
104 4.6 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.89 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

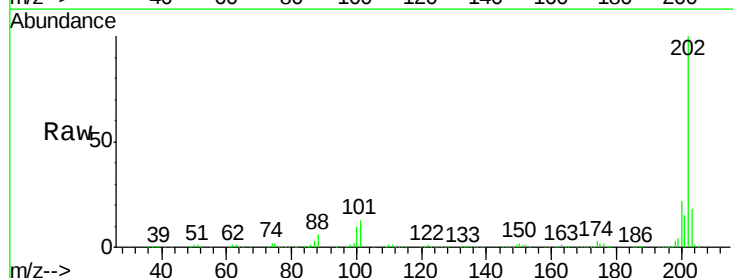
Tgt Ion:202 Resp: 1292237

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.6

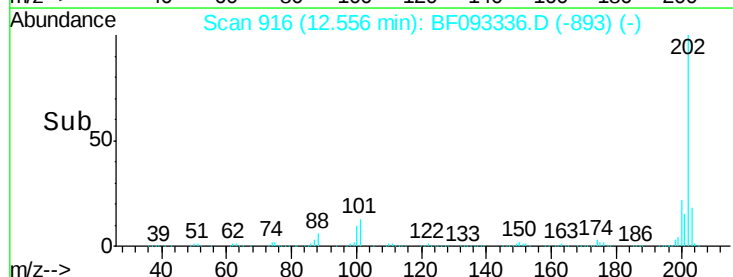
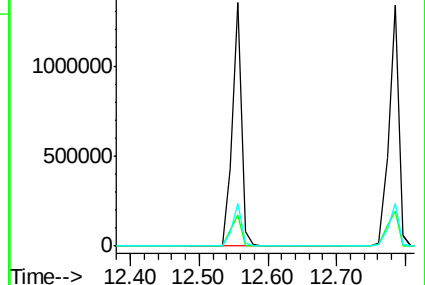
203 17.7 0.0 38.7

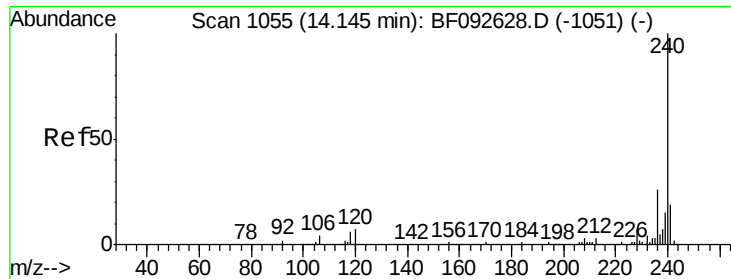


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

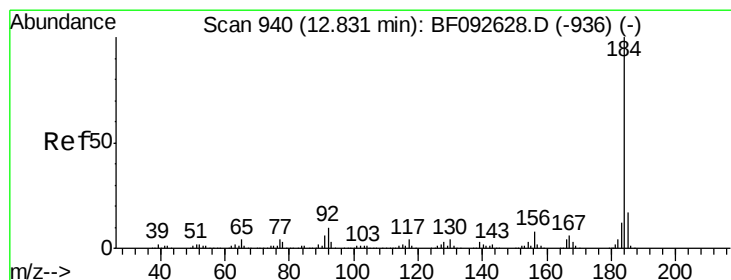
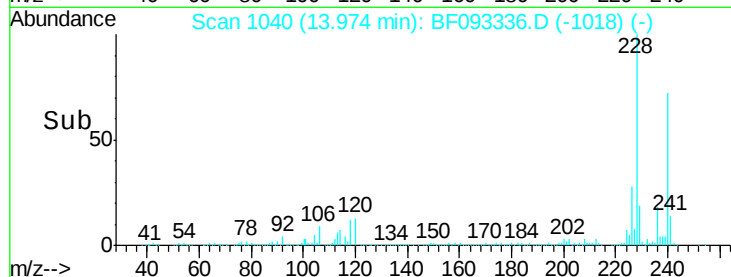
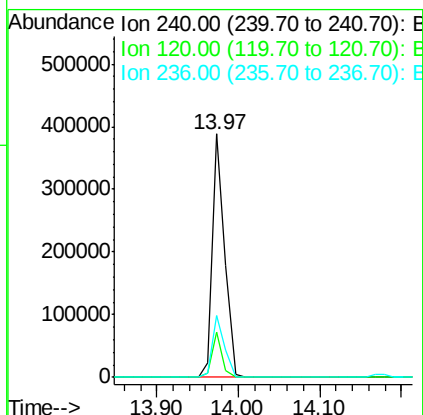
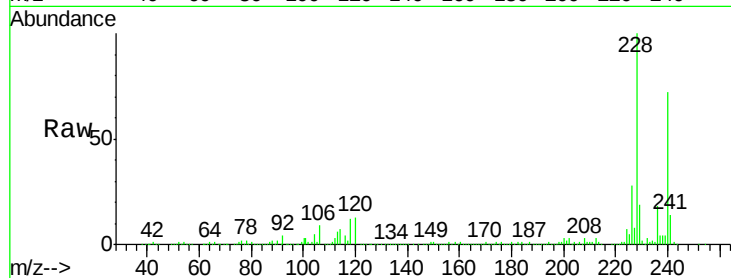




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

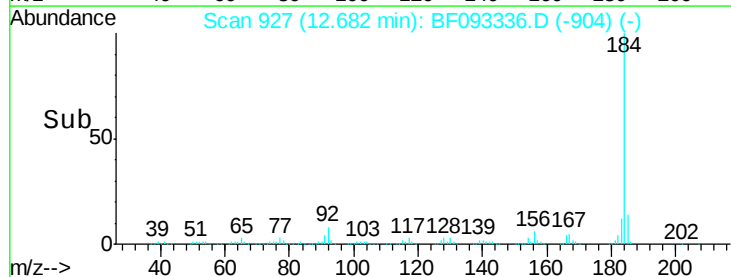
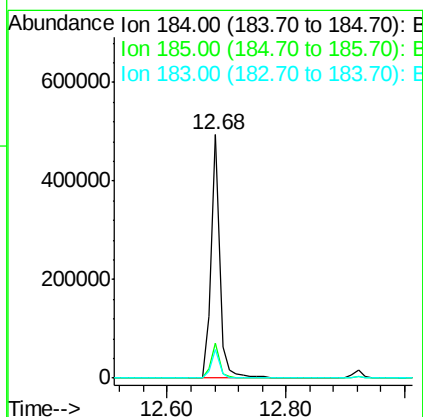
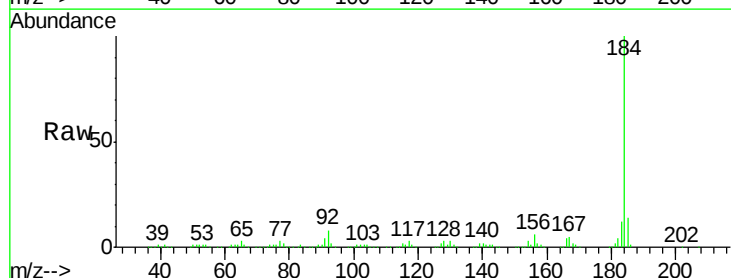
Instrument :
BNA_F
ClientSampleId :
PB97297BS

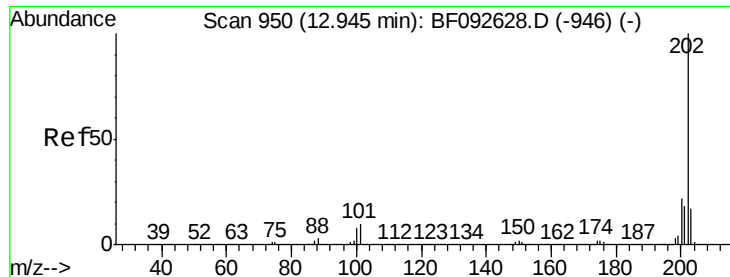
Tgt Ion:240 Resp: 411644
Ion Ratio Lower Upper
240 100
120 18.8 12.9 19.3
236 25.5 20.9 31.3



#76
Benzidine
Concen: 28.89 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.03 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion:184 Resp: 506741
Ion Ratio Lower Upper
184 100
185 14.4 13.4 20.0
183 12.0 9.2 13.8

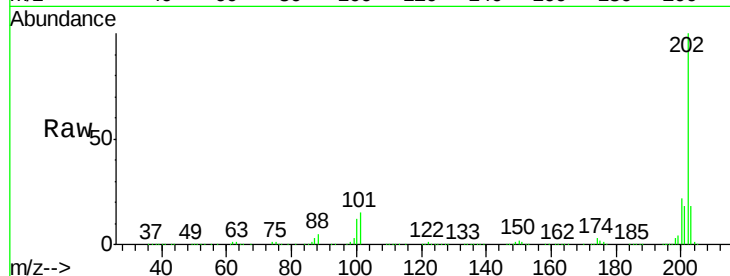




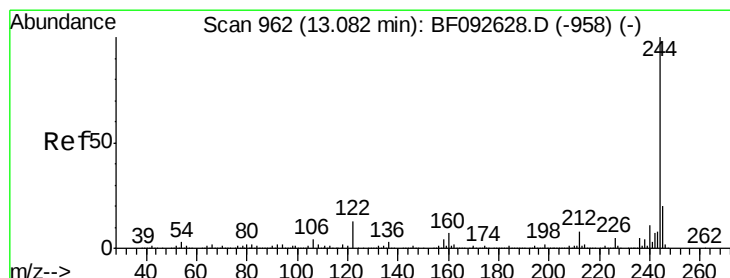
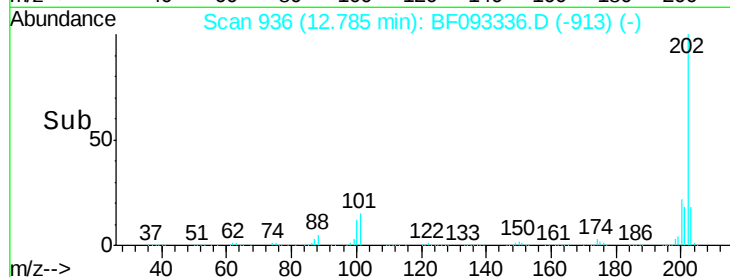
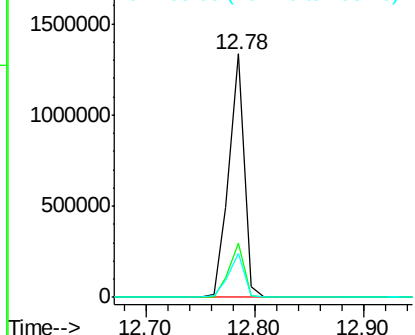
#77
 Pyrene
 Concen: 42.76 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.03 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Tgt Ion: 202 Resp: 1317265
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.7 26.5
 203 18.0 14.7 22.1

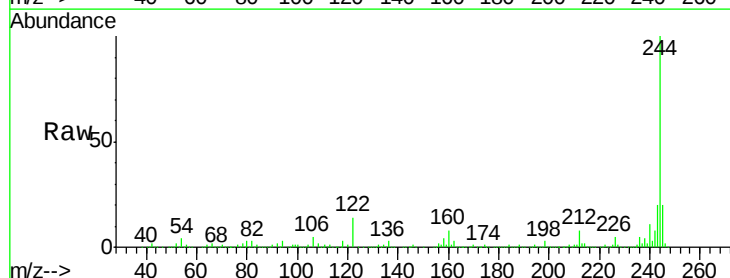


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

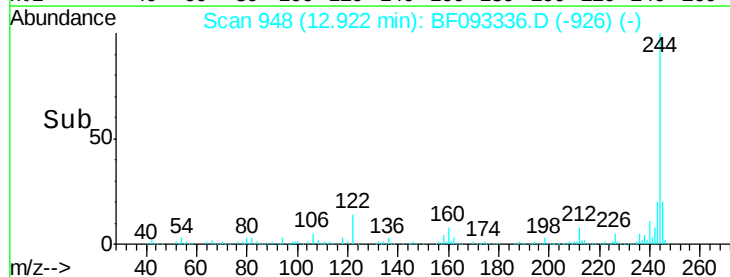
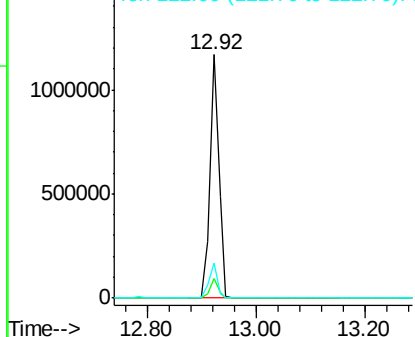


#78
 Terphenyl-d14
 Concen: 76.32 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.05 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion: 244 Resp: 1337035
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.2 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

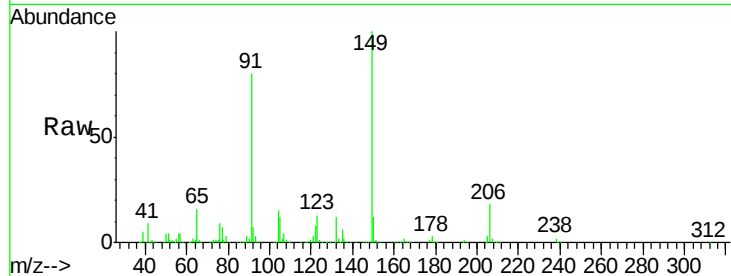




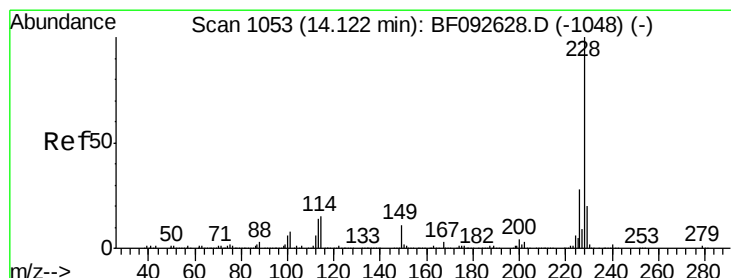
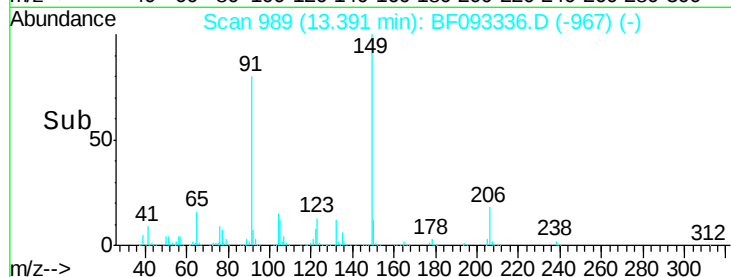
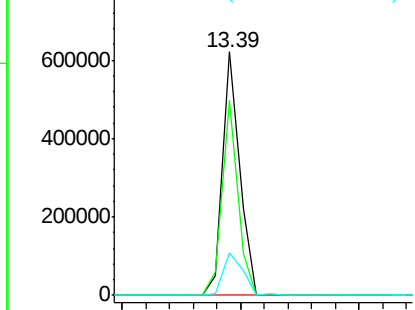
#79
Butylbenzylphthalate
Concen: 49.24 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tgt Ion:149 Resp: 615953
Ion Ratio Lower Upper
149 100
91 80.2 63.9 95.9
206 17.5 14.6 21.8

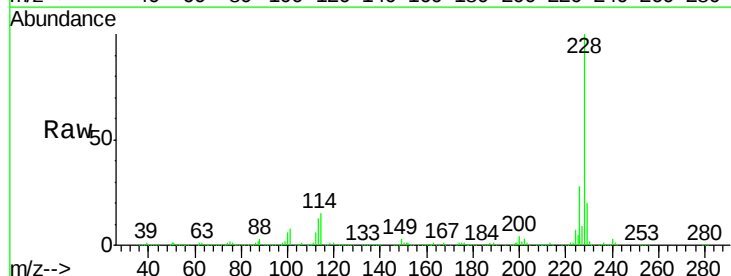


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

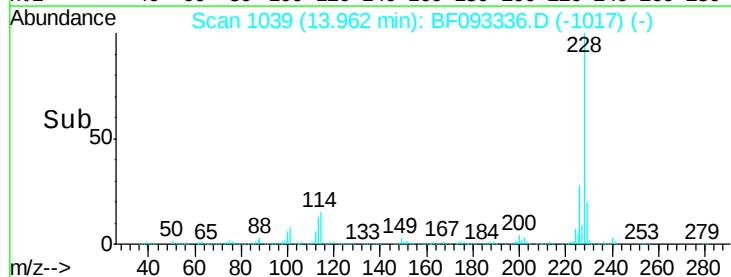
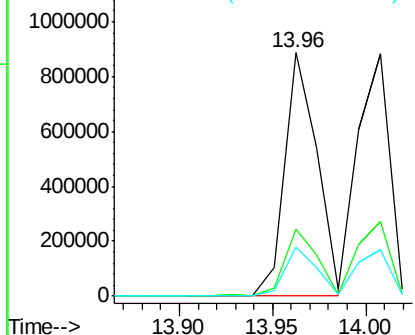


#80
Benzo(a)anthracene
Concen: 42.48 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion:228 Resp: 1069453
Ion Ratio Lower Upper
228 100
226 27.6 22.4 33.6
229 20.4 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

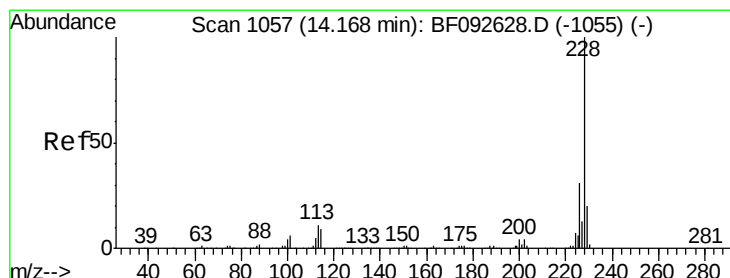
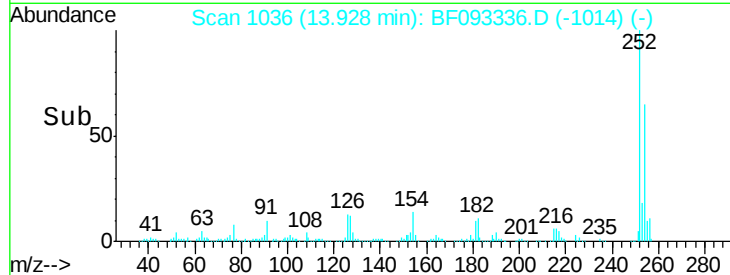
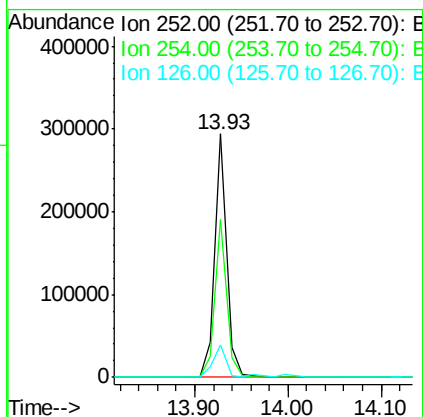
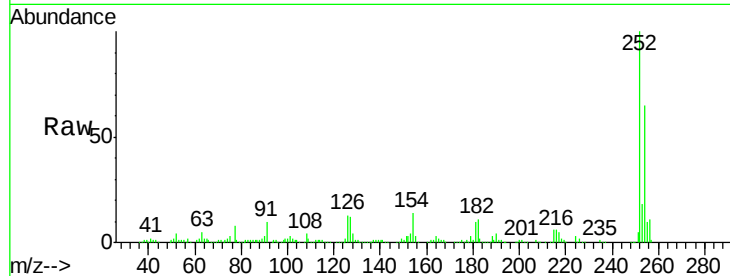




#81
 3,3'-Dichlorobenzidine
 Concen: 28.98 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

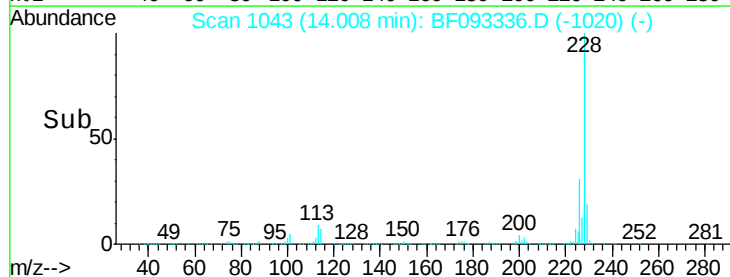
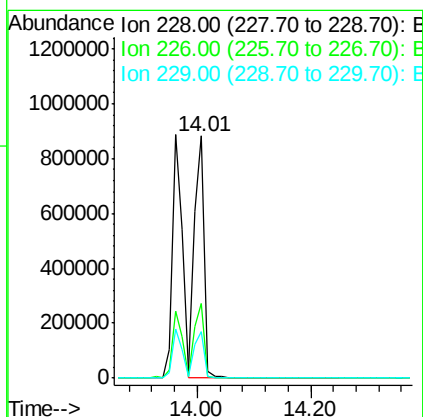
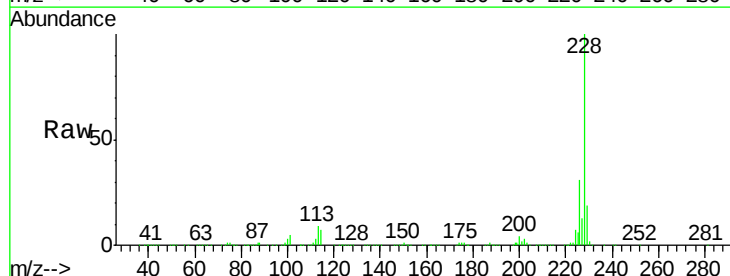
Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

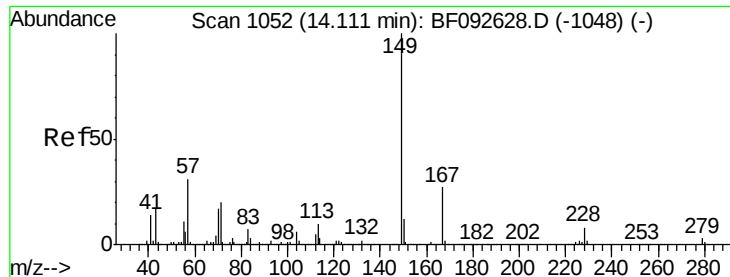
Tgt Ion: 252 Resp: 260062
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.3 78.5
 126 13.2 13.6 20.4#



#82
 Chrysene
 Concen: 44.69 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion: 228 Resp: 1053523
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.0
 229 19.1 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.26 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

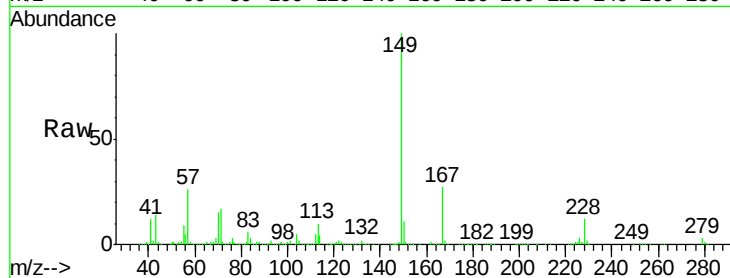
Tgt Ion:149 Resp: 911231

Ion Ratio Lower Upper

149 100

167 27.1 20.2 30.4

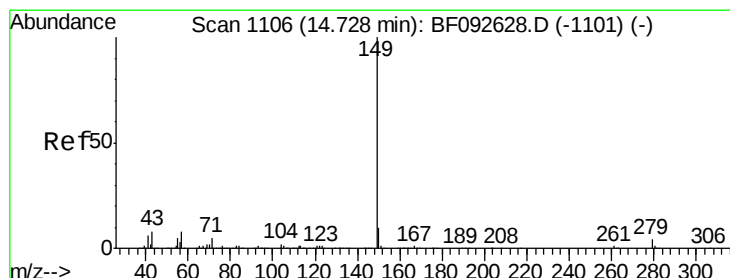
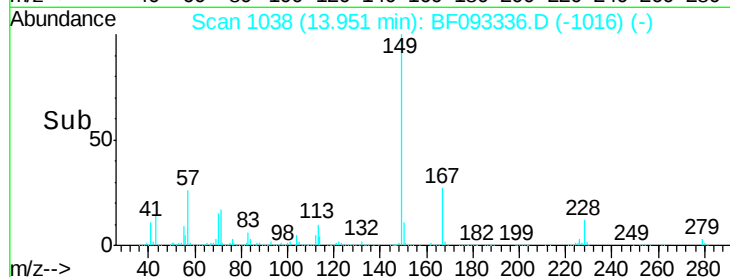
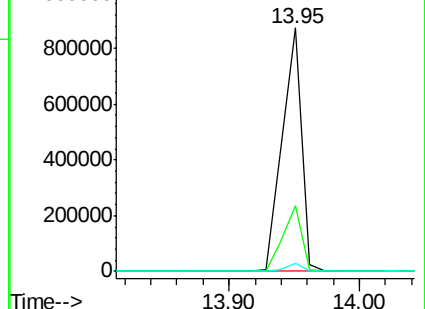
279 3.4 1.8 2.8#



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: 50.92 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.05 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

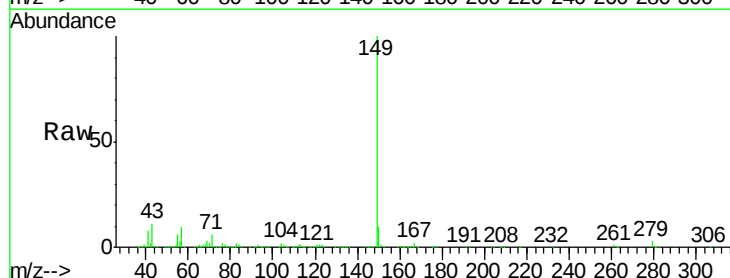
Tgt Ion:149 Resp: 1418708

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

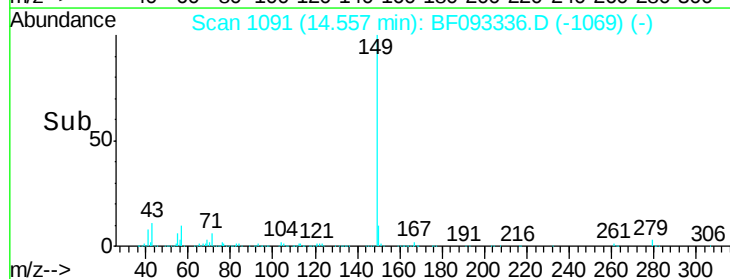
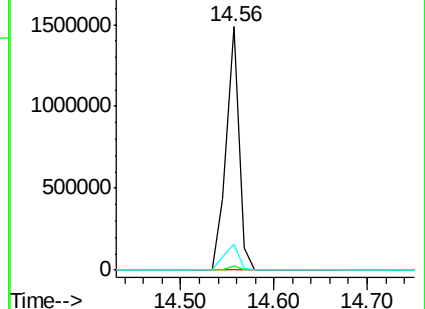
43 12.2 8.9 13.3

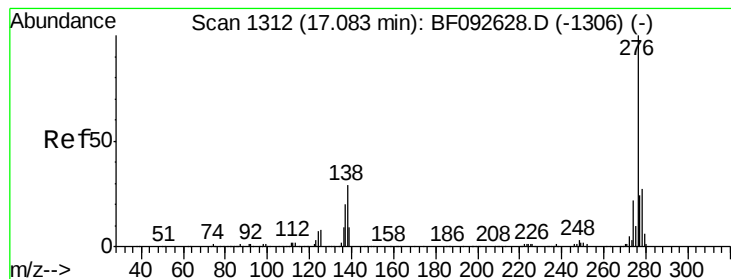


Abundance Ion 149.00 (148.70 to 149.70): E

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: 40.76 ng

RT: 16.79 min Scan# 1286

Delta R.T. -0.07 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

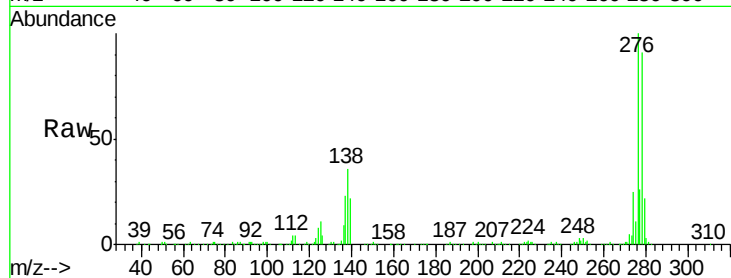
Tgt Ion:276 Resp: 744234

Ion Ratio Lower Upper

276 100

138 34.0 21.8 32.6#

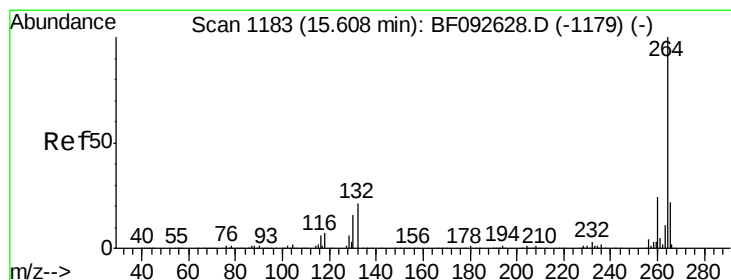
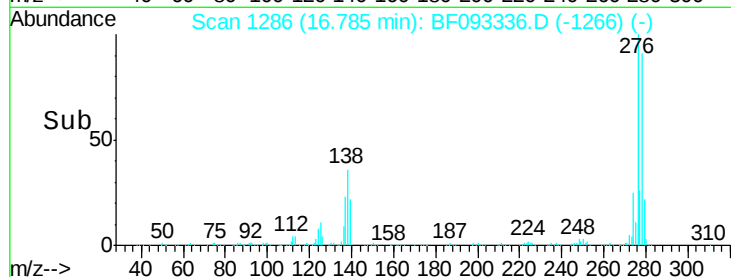
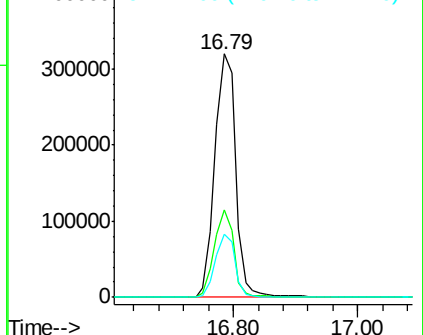
277 24.9 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

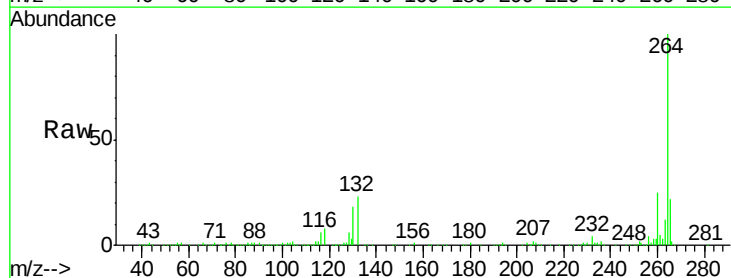
Tgt Ion:264 Resp: 320925

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

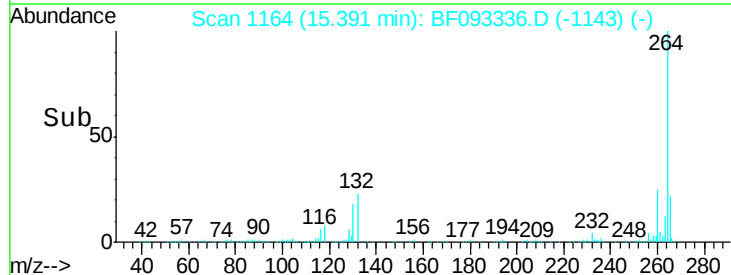
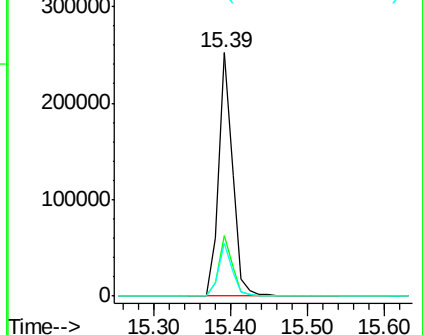
265 21.8 17.4 26.0

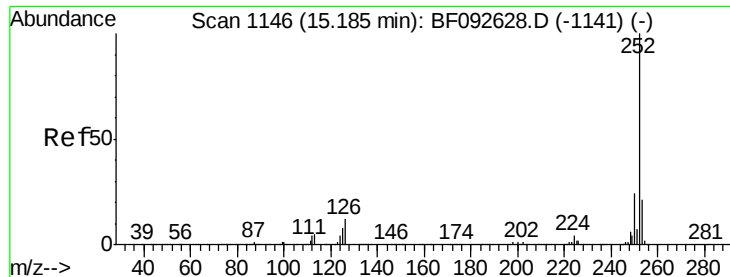


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 82.39 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.05 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

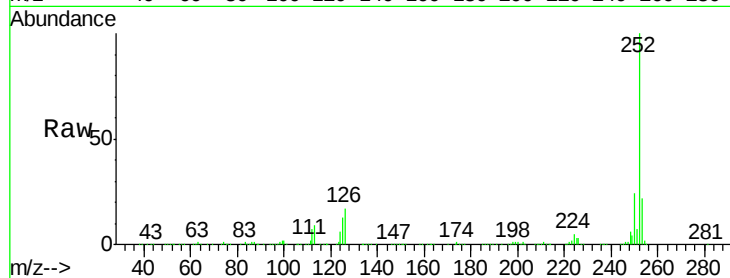
Tgt Ion:252 Resp: 1740319

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.4

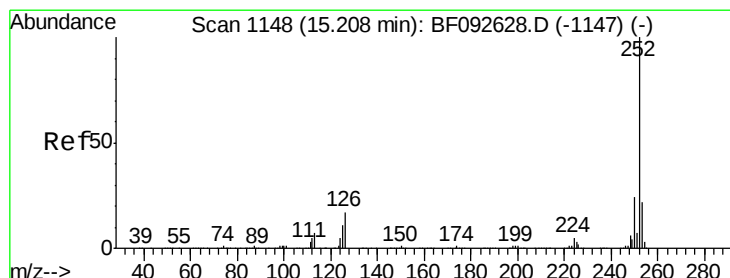
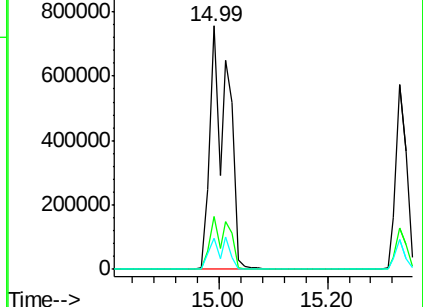
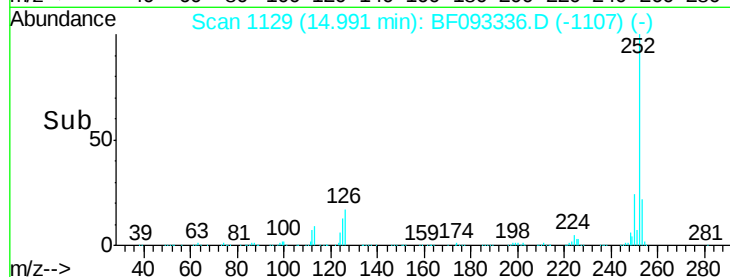
125 12.7 9.8 14.6



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: 95.50 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.08 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

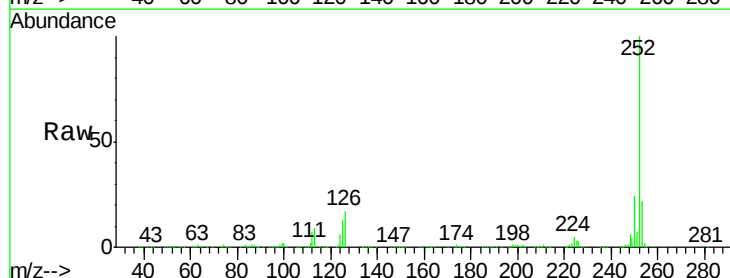
Tgt Ion:252 Resp: 1741763

Ion Ratio Lower Upper

252 100

253 21.6 18.5 27.7

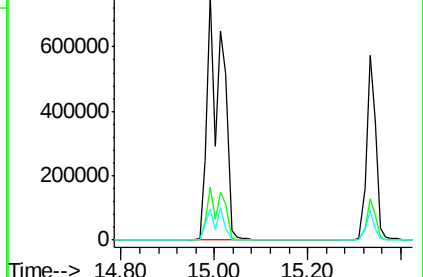
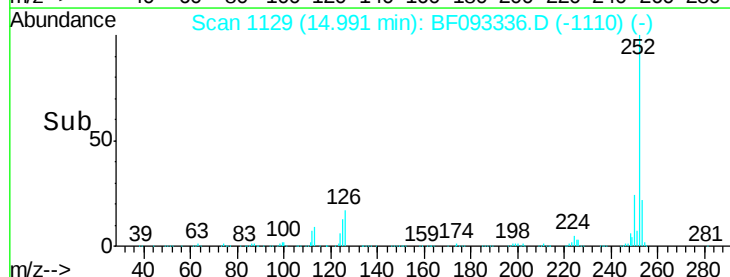
125 12.7 8.9 13.3

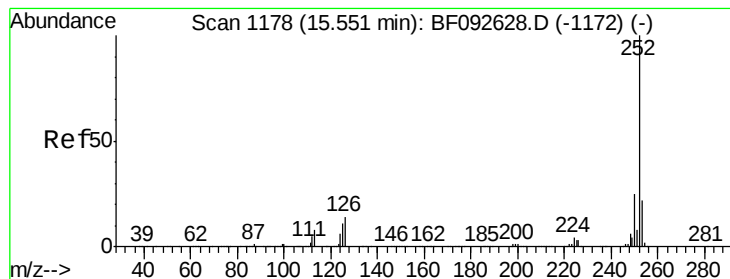


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

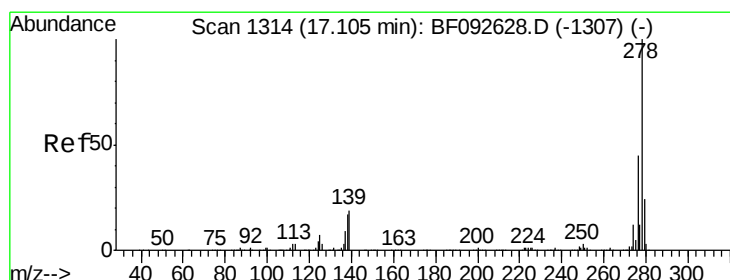
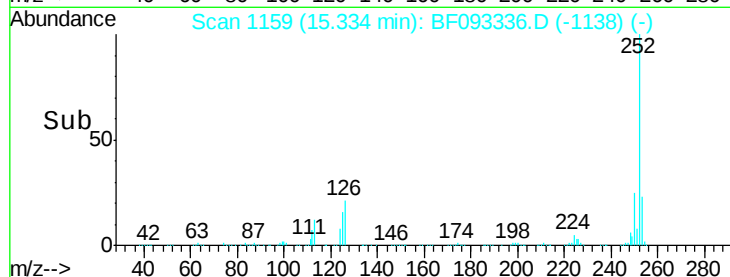
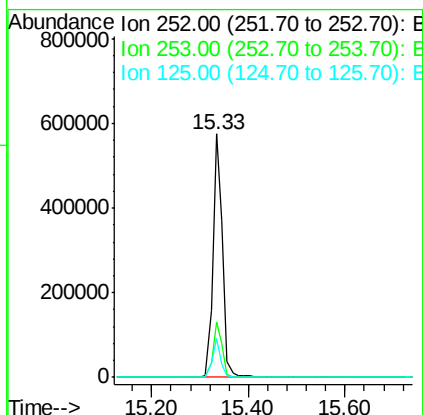
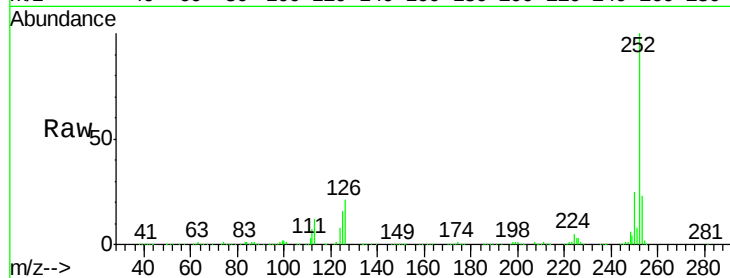




#89
Benzo(a)pyrene
Concen: 44.06 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.06 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

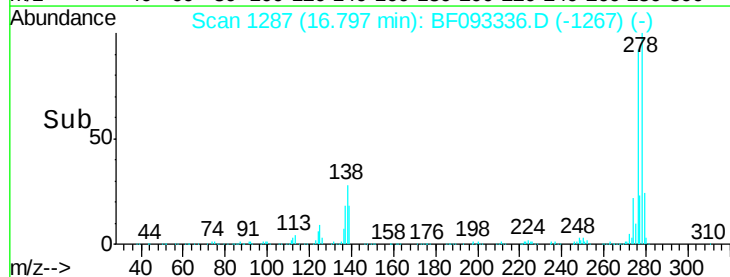
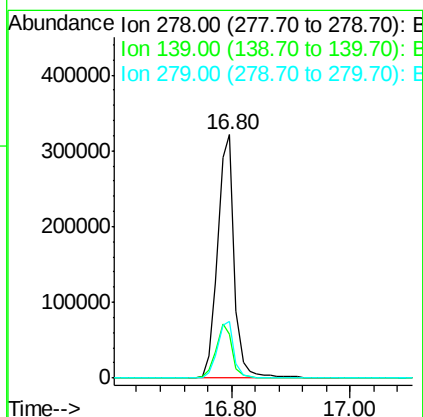
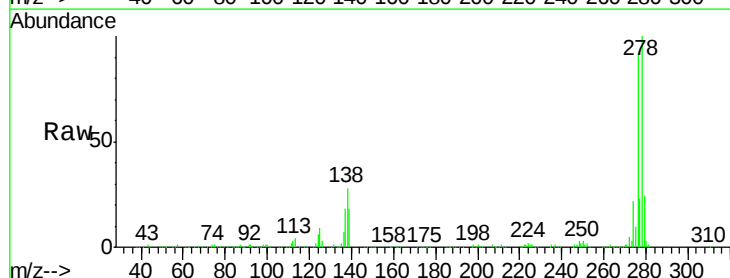
Instrument :
BNA_F
ClientSampleId :
PB97297BS

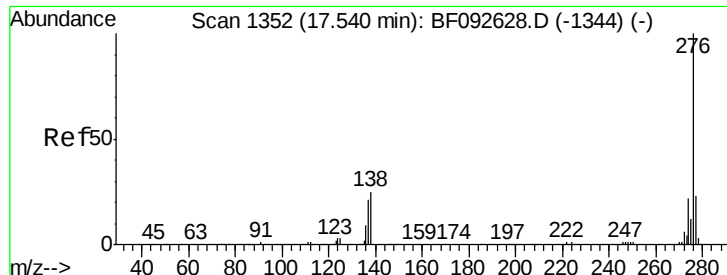
Tgt Ion:252 Resp: 805131
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 16.1 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 42.38 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.07 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion:278 Resp: 625900
Ion Ratio Lower Upper
278 100
139 18.2 14.8 22.2
279 23.5 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 43.52 ng

RT: 17.20 min Scan# 1322

Delta R.T. -0.09 min

Lab File: BF093336.D

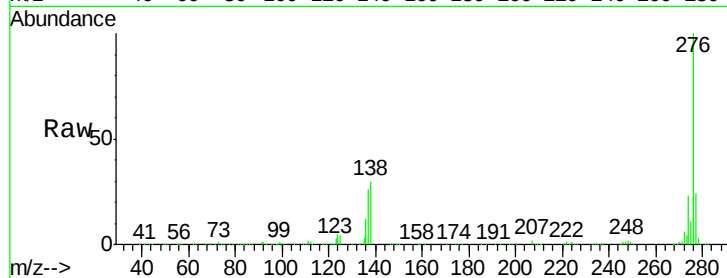
Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS



Tgt Ion:	276	Resp:	649310
Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	29.9	16.0	24.0

