

Data File : BF093051.D
Acq On : 21 Feb 2017 1:44
Operator : SJ/MA
Sample : I1913-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Quant Time: Feb 21 02:30:52 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	6.84	152	154584	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	599240	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	283661	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	476643	20.00	ng	0.00
75) Chrysene-d12	14.01	240	306195	20.00	ng	-0.01
86) Perylene-d12	15.44	264	292763	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1148694	127.49	ng	0.00
7) Phenol-d6	6.50	99	1638144	141.30	ng	0.01
23) Nitrobenzene-d5	7.42	82	1024728	95.23	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	266914	130.10	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1657600	105.87	ng	0.00
78) Terphenyl-d14	12.96	244	1116086	85.65	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	188321	38.68	ng	# 84
3) Pyridine	3.20	79	490470	39.62	ng	88
4) n-Nitrosodimethylamine	3.15	42	259416	44.63	ng	89
6) Aniline	6.51	93	292610	18.50	ng	# 61
8) 2-Chlorophenol	6.64	128	471544	47.44	ng	95
9) Benzaldehyde	6.38	77	92003	11.08	ng	# 81
10) Phenol	6.51	94	649036	47.85	ng	78
11) bis(2-Chloroethyl)ether	6.59	93	485716	44.86	ng	97
12) 1,3-Dichlorobenzene	6.78	146	510334	43.83	ng	# 94
13) 1,4-Dichlorobenzene	6.86	146	546657	46.39	ng	96
14) 1,2-Dichlorobenzene	7.01	146	470633	41.77	ng	96
15) Benzyl Alcohol	6.99	79	383588	44.69	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	794805	42.26	ng	99
17) 2-Methylphenol	7.12	107	402190	47.16	ng	96
18) Hexachloroethane	7.36	117	178149	44.29	ng	# 88
19) n-Nitroso-di-n-propylamine	7.26	70	330958	44.84	ng	95
20) 3+4-Methylphenols	7.28	107	478769	46.96	ng	# 78
22) Acetophenone	7.26	105	621400	45.42	ng	# 95
24) Nitrobenzene	7.44	77	476319	43.11	ng	98
25) Isophorone	7.68	82	929902	46.37	ng	95
26) 2-Nitrophenol	7.76	139	266595	50.76	ng	94
27) 2,4-Dimethylphenol	7.80	122	458410	49.70	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	627659	47.26	ng	100
29) 2,4-Dichlorophenol	8.01	162	388897	45.20	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	400324	43.18	ng	# 94
31) Naphthalene	8.16	128	1259191	41.45	ng	99
32) Benzoic acid	7.92	122	126868	27.82	ng	94
33) 4-Chloroaniline	8.21	127	109729	9.21	ng	98
34) Hexachlorobutadiene	8.28	225	215491	42.25	ng	98
35) Caprolactam	8.59	113	90679	33.51	ng	# 55
36) 4-Chloro-3-methylphenol	8.70	107	390569	43.54	ng	98
37) 2-Methylnaphthalene	8.85	142	895871	45.93	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	380131	47.74	ng	99
40) Hexachlorocyclopentadiene	9.00	237	270080	75.18	ng	95

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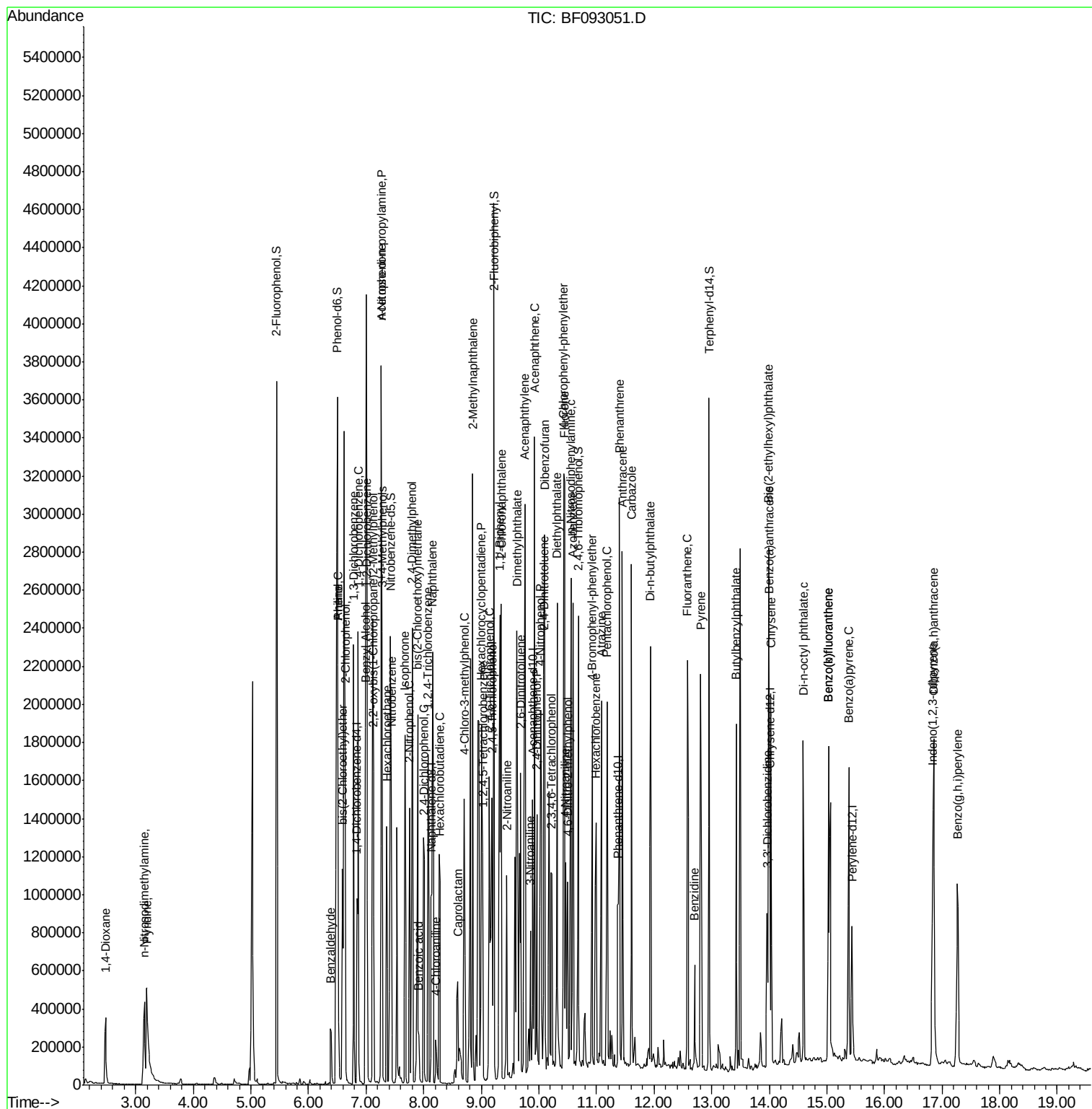
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	286127	54.69	ng	93
43) 2,4,5-Trichlorophenol	9.18	196	275068	47.98	ng	# 84
45) 1,1'-Biphenyl	9.32	154	1040479	50.66	ng	99
46) 2-Chloronaphthalene	9.34	162	861388	53.61	ng	97
47) 2-Nitroaniline	9.45	65	271128	50.19	ng	# 67
48) Acenaphthylene	9.76	152	1260714	45.42	ng	99
49) Dimethylphthalate	9.62	163	1391413	72.82	ng	99
50) 2,6-Dinitrotoluene	9.69	165	227783	55.20	ng	96
51) Acenaphthene	9.93	154	738028	44.47	ng	96
52) 3-Nitroaniline	9.85	138	123883	26.23	ng	94
53) 2,4-Dinitrophenol	9.96	184	163132	77.85	ng	# 63
54) Dibenzofuran	10.10	168	1067119	48.07	ng	95
55) 4-Nitrophenol	10.03	139	321304	94.47	ng	84
56) 2,4-Dinitrotoluene	10.09	165	255759	46.56	ng	96
57) Fluorene	10.44	166	850290	49.79	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	203068	53.10	ng	95
59) Diethylphthalate	10.32	149	852659	47.35	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	362584	44.20	ng	90
61) 4-Nitroaniline	10.46	138	194955	40.31	ng	93
62) Azobenzene	10.59	77	960986	51.66	ng	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	156539	53.62	ng	88
65) n-Nitrosodiphenylamine	10.56	169	768056	50.44	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	231692	46.53	ng	92
67) Hexachlorobenzene	10.99	284	225127	45.75	ng	94
68) Atrazine	11.08	200	228346	46.73	ng	99
69) Pentachlorophenol	11.18	266	225483	87.97	ng	98
70) Phenanthrene	11.40	178	1258923	46.10	ng	98
71) Anthracene	11.45	178	1113682	40.61	ng	98
72) Carbazole	11.61	167	1023000	39.02	ng	98
73) Di-n-butylphthalate	11.94	149	1372640	48.42	ng	# 96
74) Fluoranthene	12.58	202	1102331	39.13	ng	97
76) Benzidine	12.70	184	217755	16.69	ng	98
77) Pyrene	12.81	202	1029879	44.94	ng	99
79) Butylbenzylphthalate	13.42	149	434475	46.69	ng	99
80) Benzo(a)anthracene	14.00	228	773100	41.28	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	179898	26.95	ng	# 96
82) Chrysene	14.03	228	663843	37.86	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	586354	46.08	ng	98
84) Di-n-octyl phthalate	14.59	149	957600	46.21	ng	100
85) Indeno(1,2,3-cd)pyrene	16.84	276	890248	65.55	ng	# 94
87) Benzo(b)fluoranthene	15.03	252	1500245	77.86	ng	98
88) Benzo(k)fluoranthene	15.03	252	1500245	90.17	ng	97
89) Benzo(a)pyrene	15.38	252	744093	44.64	ng	98
90) Dibenzo(a,h)anthracene	16.85	278	729548	54.16	ng	# 94
91) Benzo(g,h,i)perylene	17.27	276	791714	58.17	ng	# 90

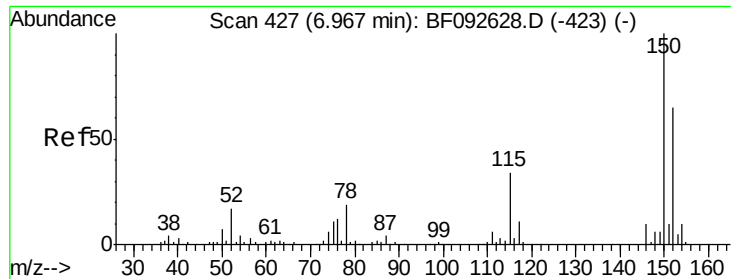
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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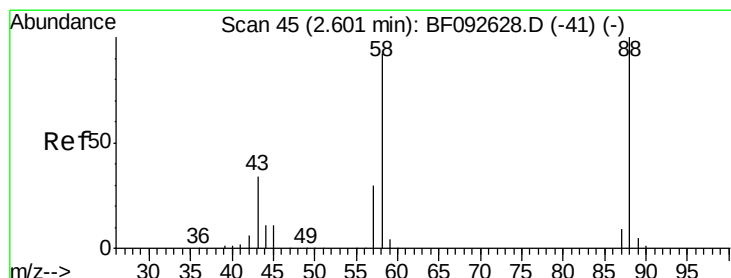
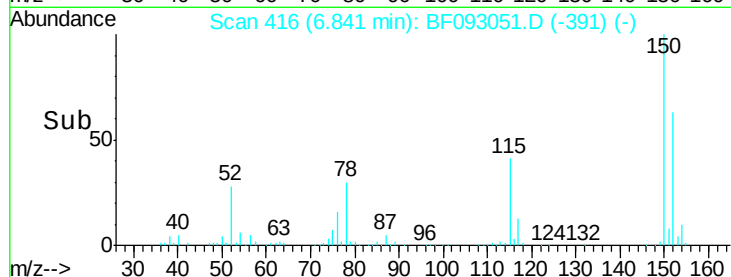
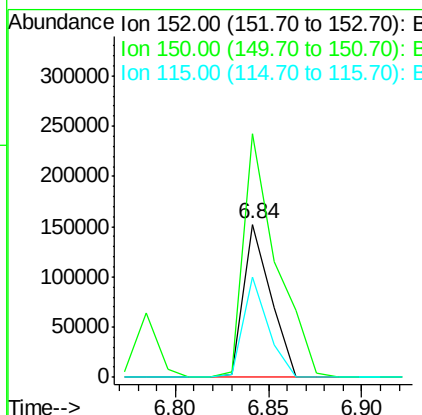
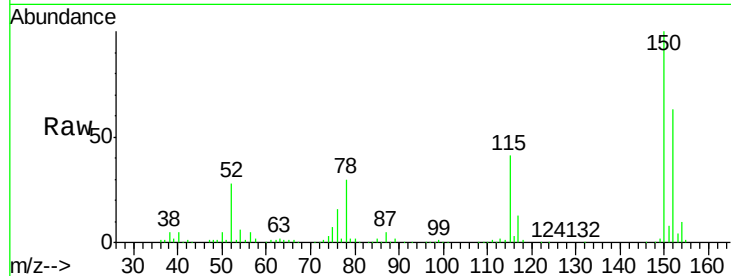




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

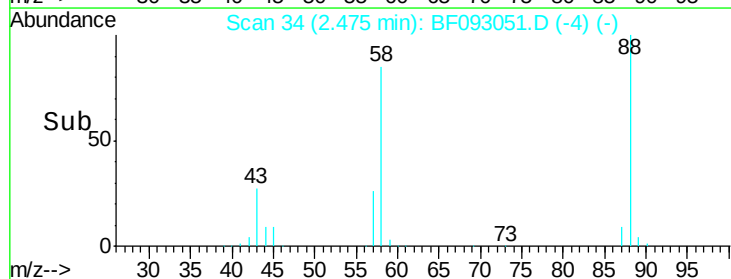
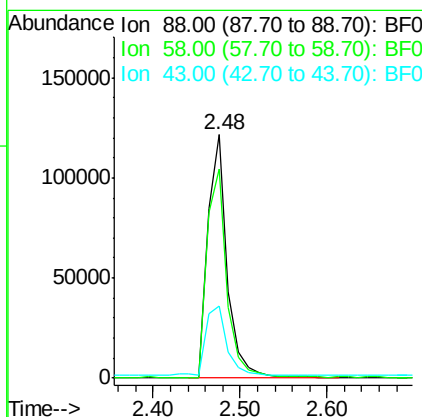
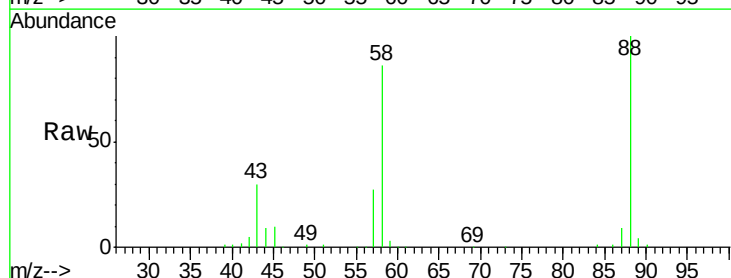
Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

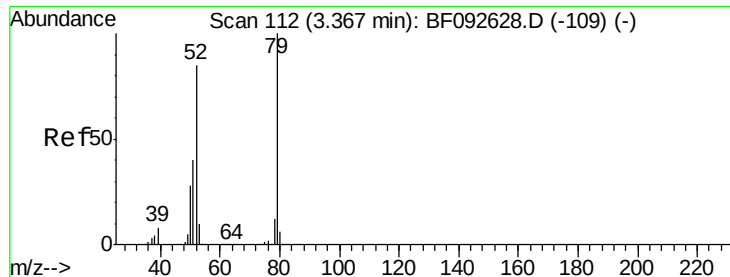
Tgt Ion:152 Resp: 154584
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.9 187.3
 115 65.5 46.0 69.0



#2
 1,4-Dioxane
 Concen: 38.68 ng
 RT: 2.48 min Scan# 34
 Delta R.T. 0.05 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion: 88 Resp: 188321
 Ion Ratio Lower Upper
 88 100
 58 88.0 57.8 86.8#
 43 32.3 22.3 33.5





#3

Pyridine

Concen: 39.62 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.05 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

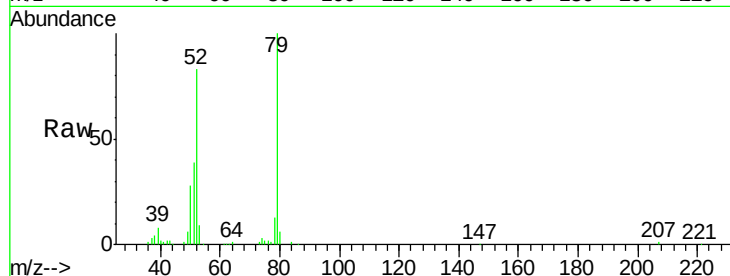
Tgt Ion: 79 Resp: 490470

Ion Ratio Lower Upper

79 100

52 83.1 57.1 85.7

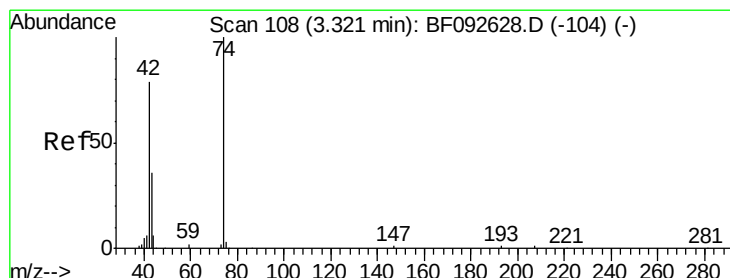
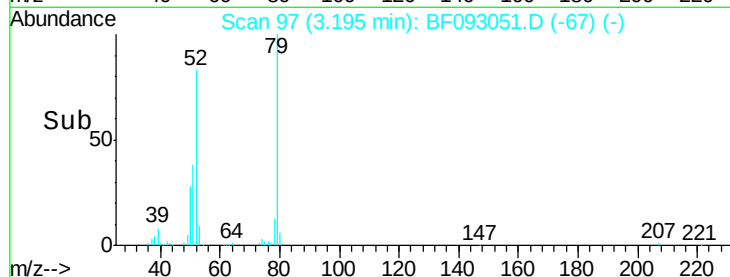
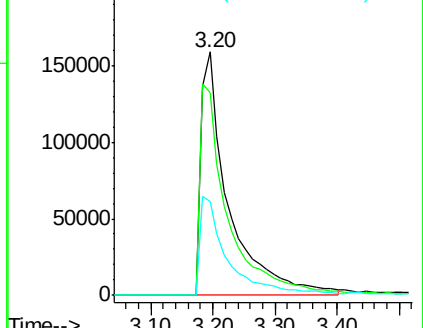
51 38.7 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.63 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.05 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

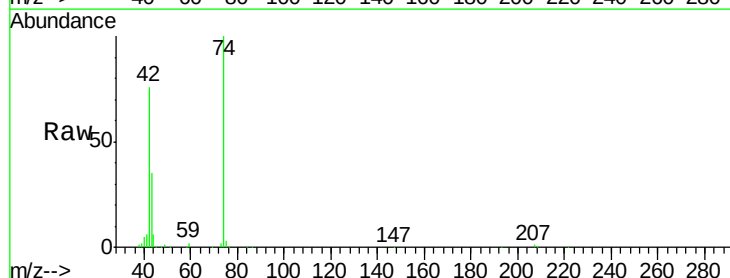
Tgt Ion: 42 Resp: 259416

Ion Ratio Lower Upper

42 100

74 131.5 117.0 175.4

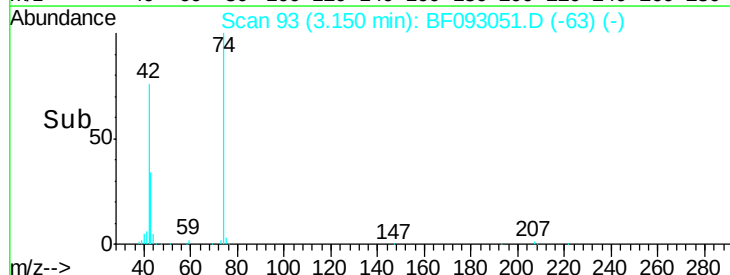
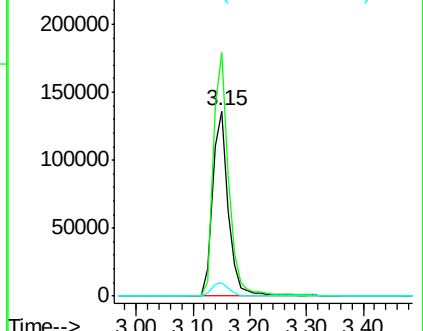
44 7.4 5.5 8.3

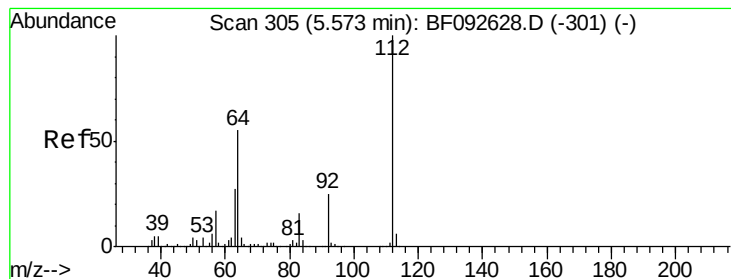


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.49 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

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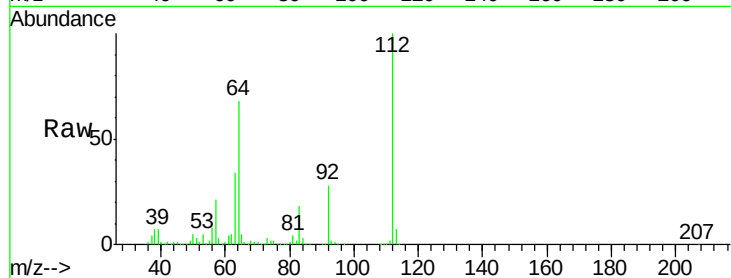
Tgt Ion: 112 Resp: 1148694

Ion Ratio Lower Upper

112 100

64 68.2 46.1 69.1

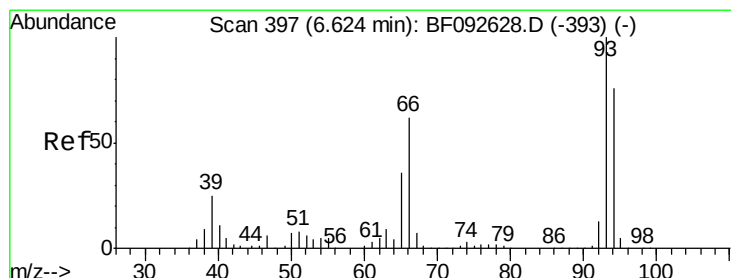
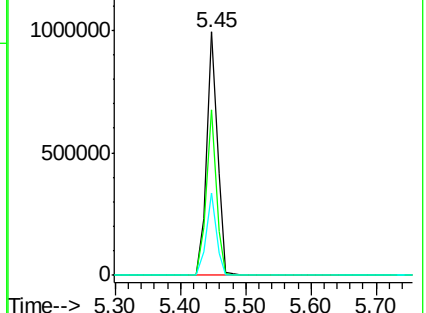
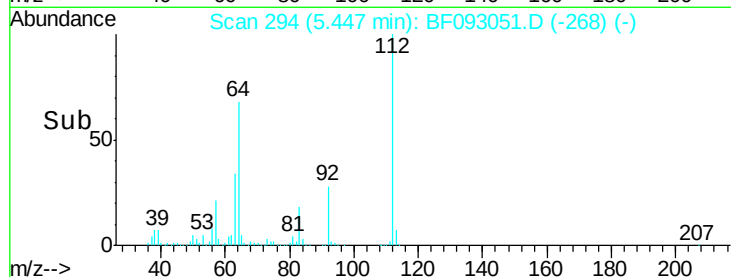
63 34.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.50 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

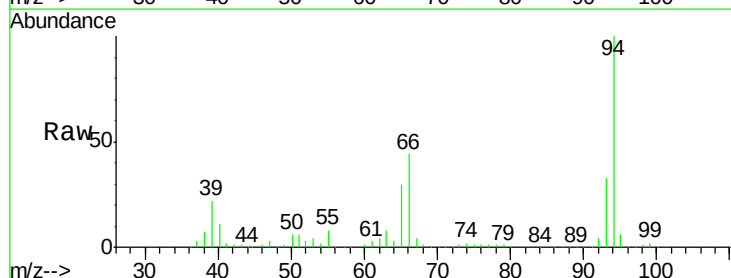
Tgt Ion: 93 Resp: 292610

Ion Ratio Lower Upper

93 100

66 133.2 76.2 114.2#

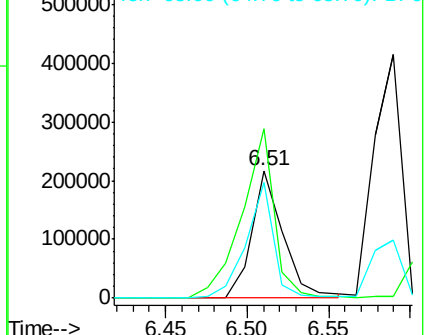
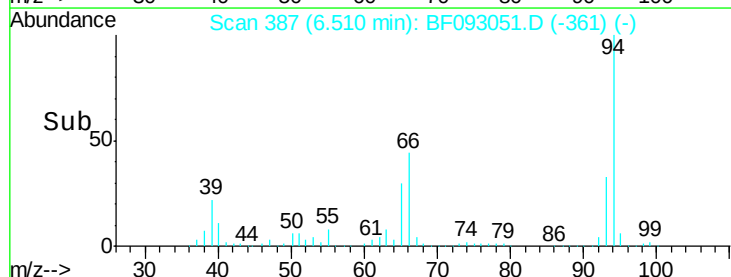
65 91.0 49.3 73.9#

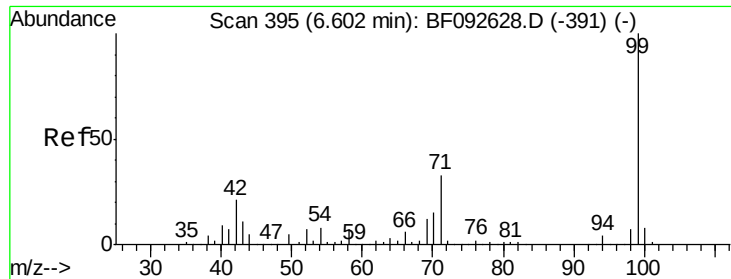


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 141.30 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093051.D

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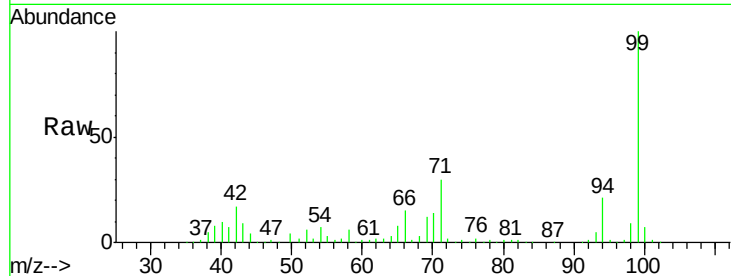
Tgt Ion: 99 Resp: 1638144

Ion Ratio Lower Upper

99 100

42 17.2 15.6 23.4

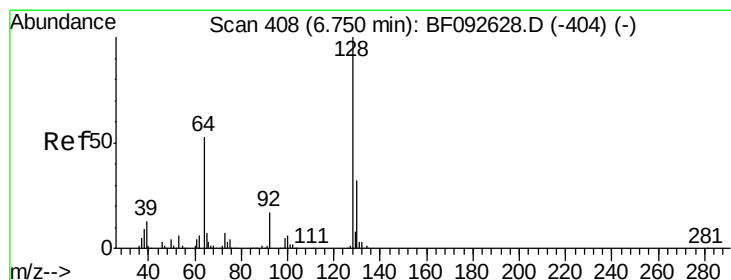
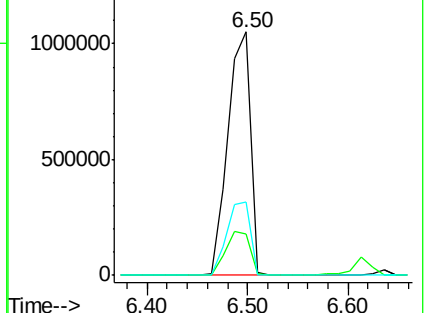
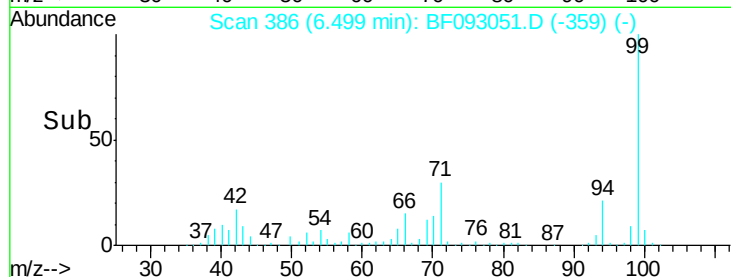
71 30.1 27.5 41.3



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: 47.44 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

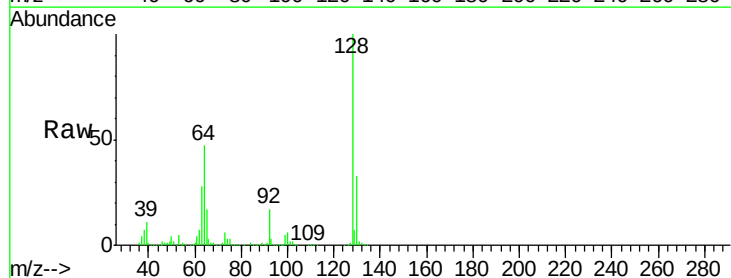
Tgt Ion: 128 Resp: 471544

Ion Ratio Lower Upper

128 100

130 32.7 12.3 52.3

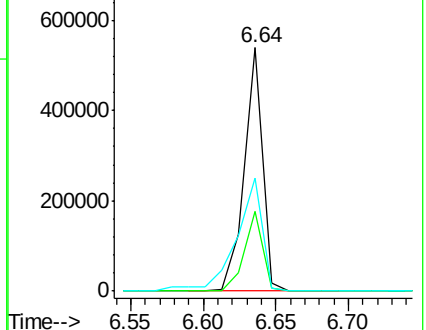
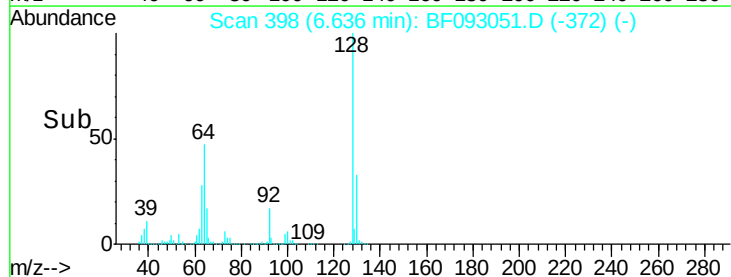
64 46.6 32.2 72.2

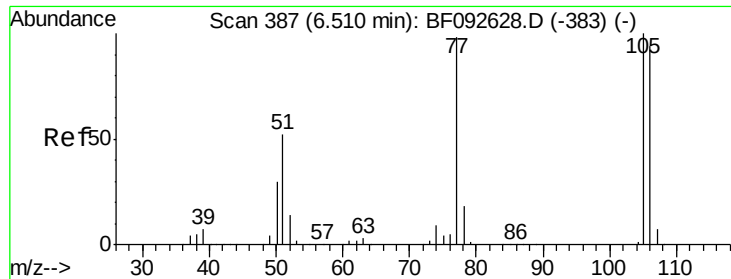


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.08 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

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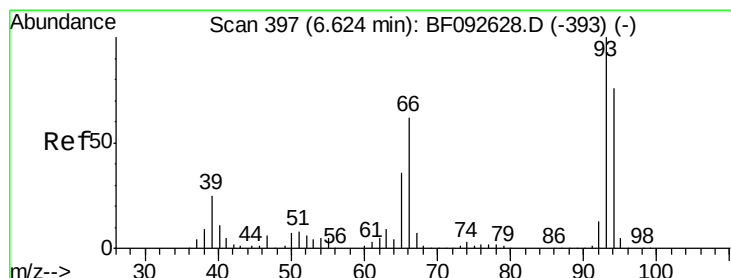
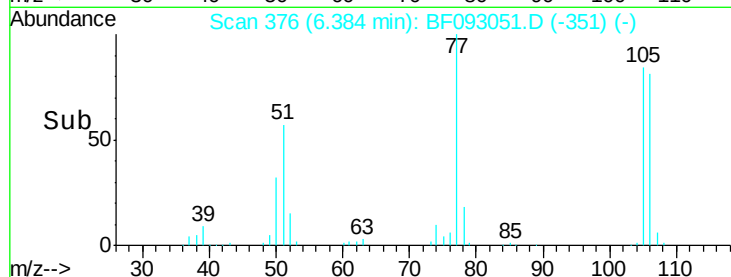
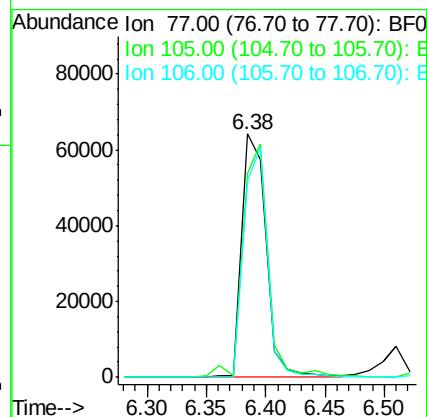
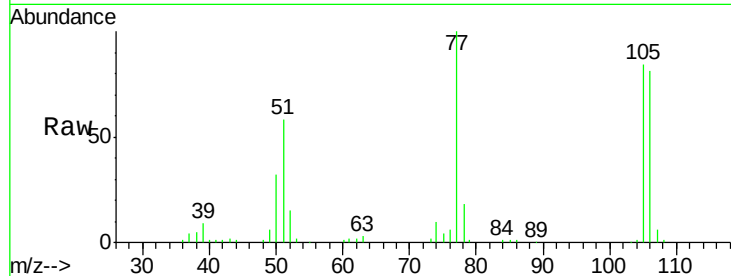
Tgt Ion: 77 Resp: 92003

Ion Ratio Lower Upper

77 100

105 83.7 83.9 123.9#

106 80.7 77.6 117.6



#10

Phenol

Concen: 47.85 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

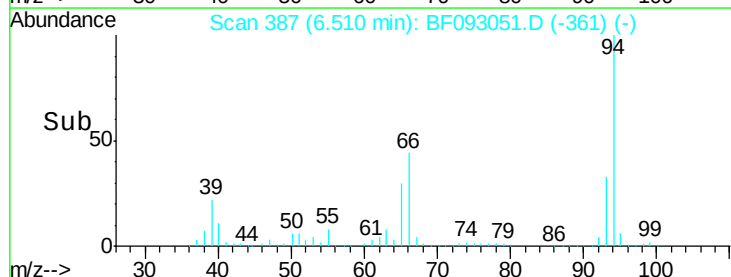
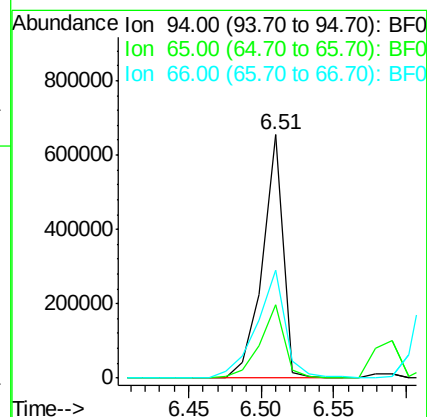
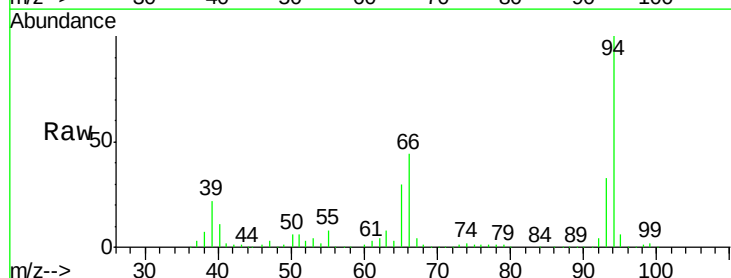
Tgt Ion: 94 Resp: 649036

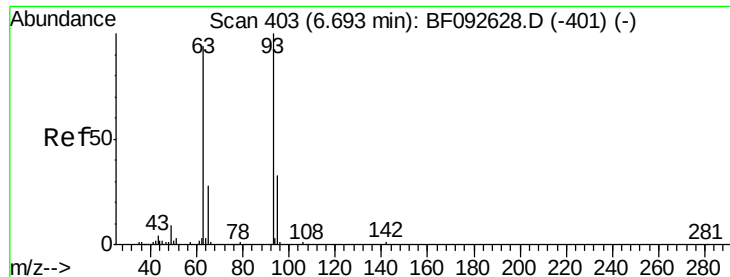
Ion Ratio Lower Upper

94 100

65 30.1 21.4 61.4

66 44.1 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 44.86 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

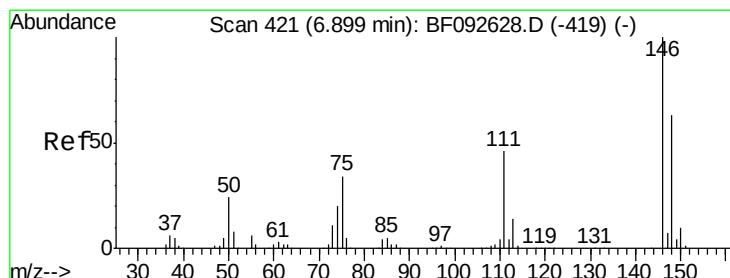
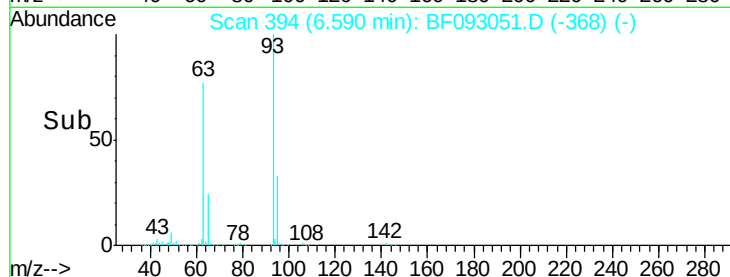
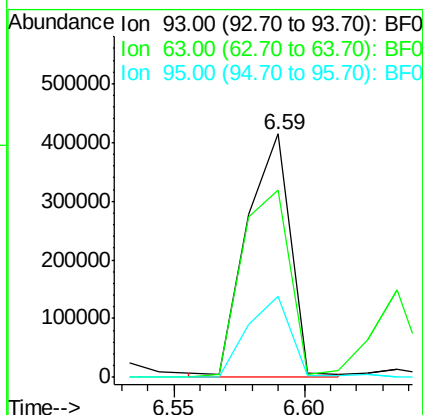
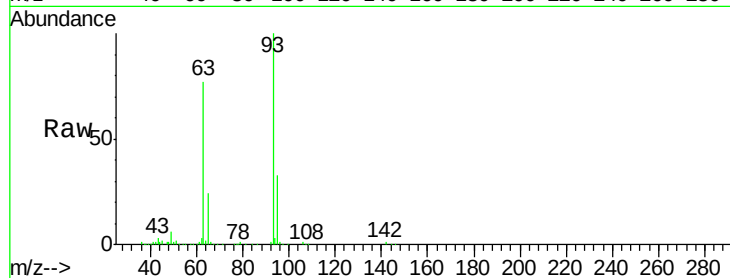
Tgt Ion: 93 Resp: 485716

Ion Ratio Lower Upper

93 100

63 77.1 60.4 100.4

95 33.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 43.83 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

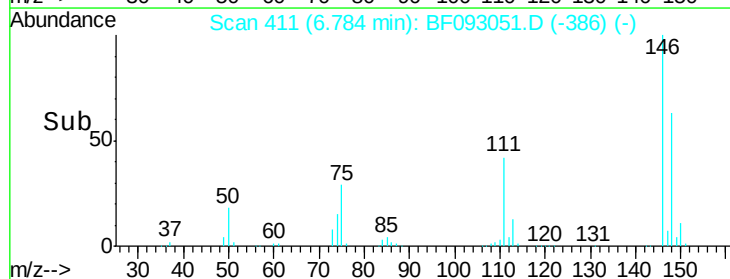
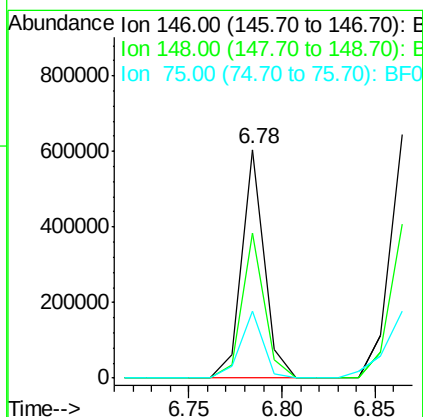
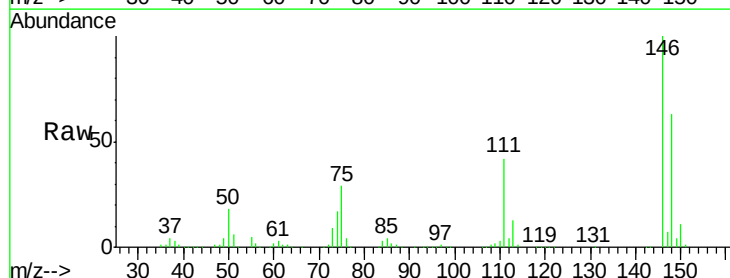
Tgt Ion: 146 Resp: 510334

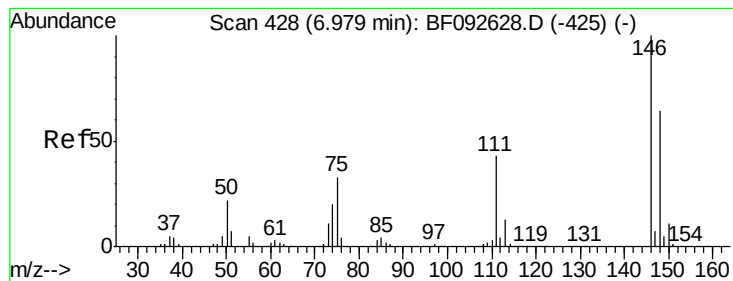
Ion Ratio Lower Upper

146 100

148 63.3 53.4 80.0

75 29.2 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 46.39 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

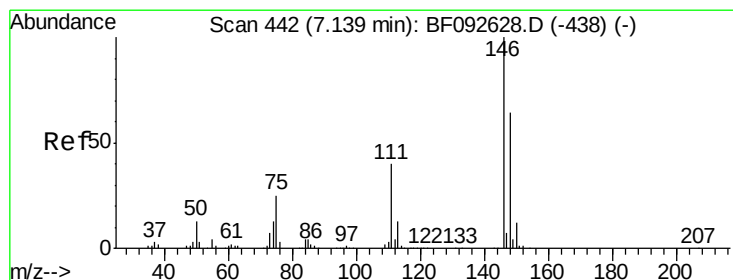
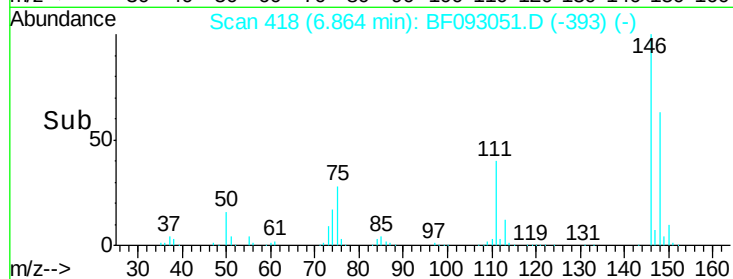
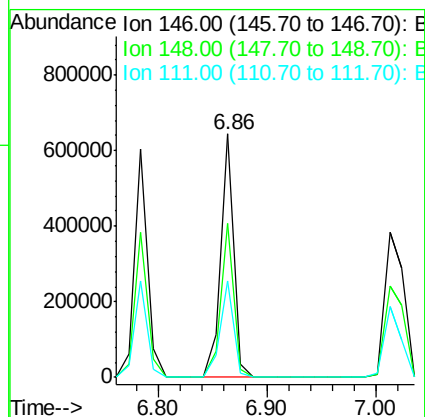
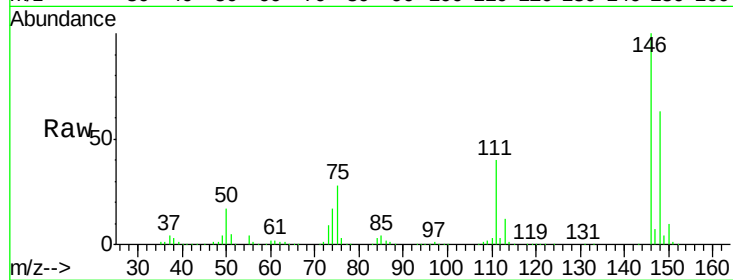
Tgt Ion:146 Resp: 546657

Ion Ratio Lower Upper

146 100

148 63.4 50.6 76.0

111 39.5 36.2 54.4



#14

1,2-Dichlorobenzene

Concen: 41.77 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

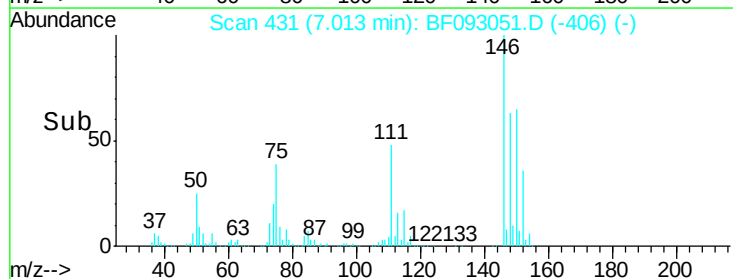
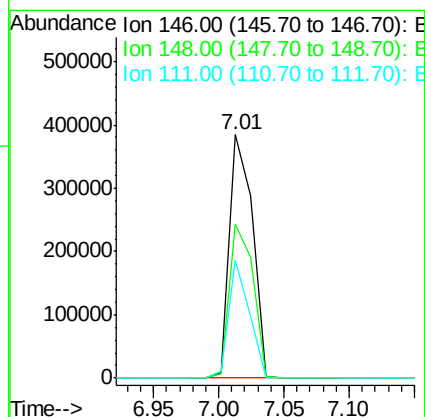
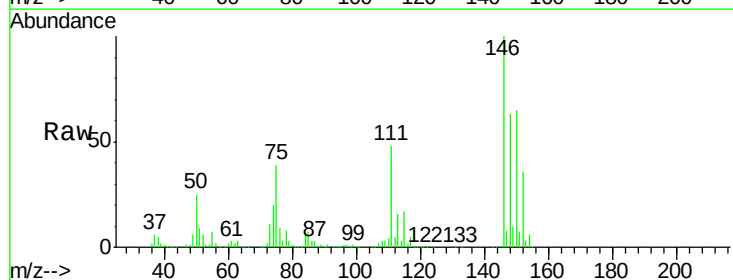
Tgt Ion:146 Resp: 470633

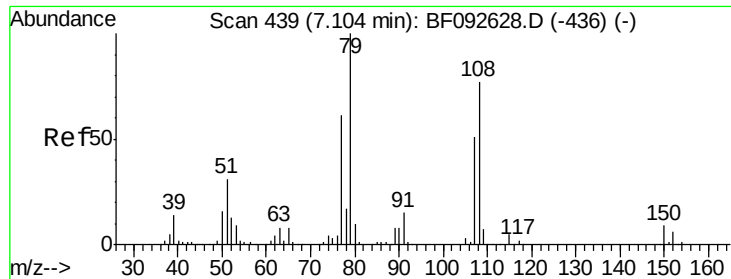
Ion Ratio Lower Upper

146 100

148 63.1 52.2 78.2

111 48.4 36.2 54.2

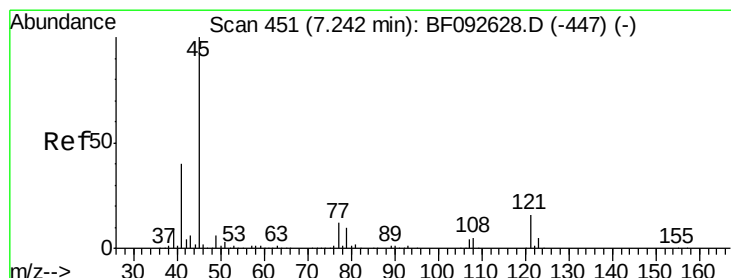
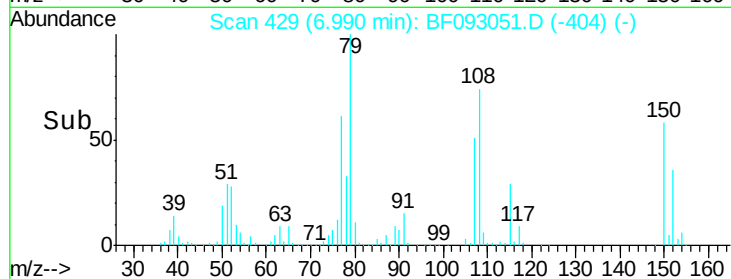
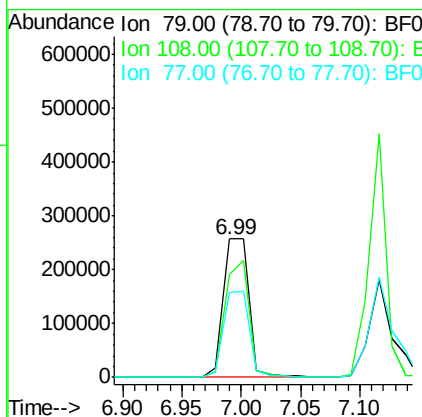
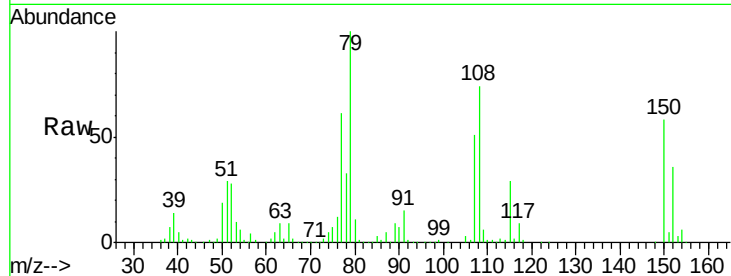




#15
Benzyl Alcohol
Concen: 44.69 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

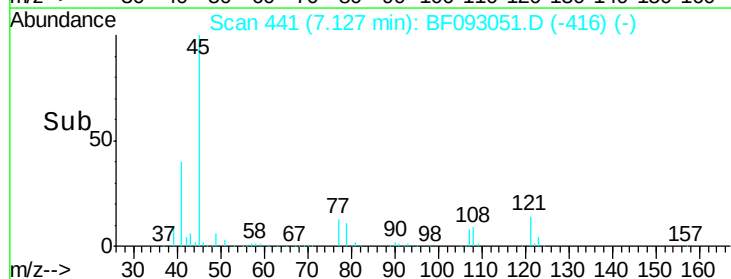
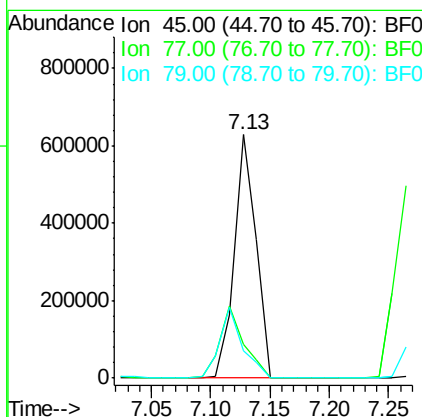
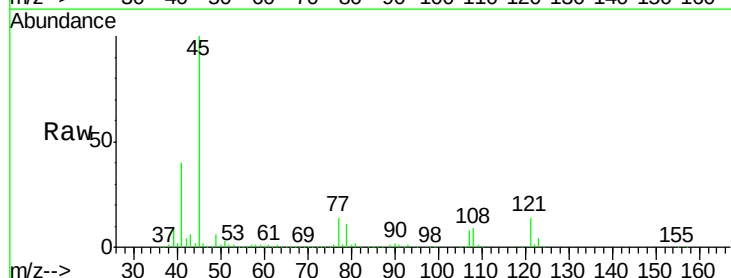
Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

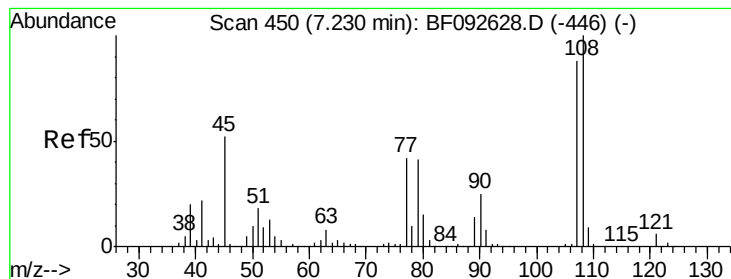
Tgt Ion: 79 Resp: 383588
Ion Ratio Lower Upper
79 100
108 74.0 61.4 92.0
77 61.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.26 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion: 45 Resp: 794805
Ion Ratio Lower Upper
45 100
77 13.8 0.0 34.6
79 11.3 0.0 31.2





#17

2-Methylphenol

Concen: 47.16 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

Tgt Ion:107 Resp: 402190

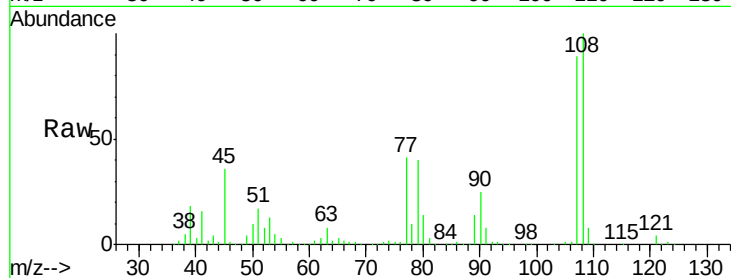
Ion Ratio Lower Upper

107 100

108 112.8 93.0 139.6

77 46.2 39.8 59.8

79 45.5 38.0 57.0

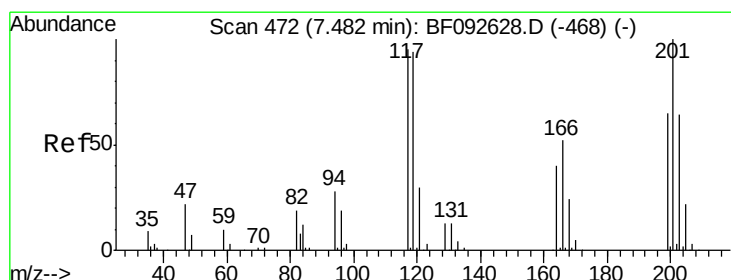
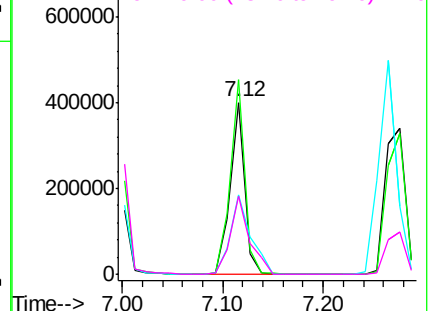
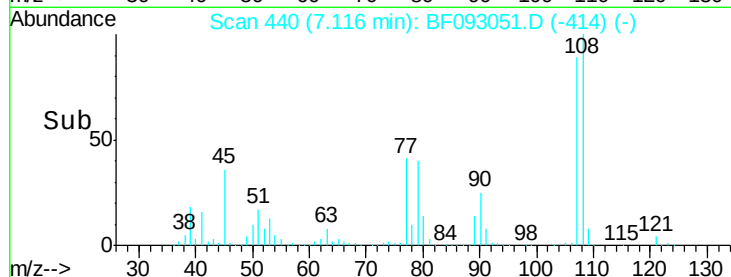


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 44.29 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

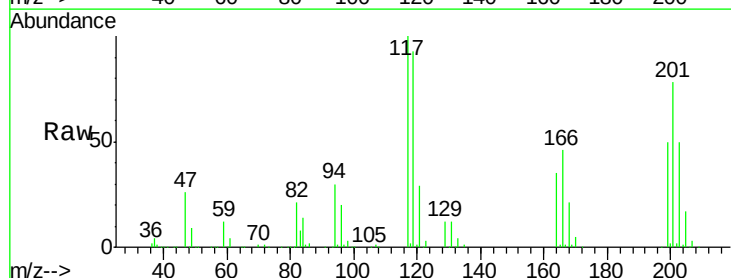
Tgt Ion:117 Resp: 178149

Ion Ratio Lower Upper

117 100

119 93.1 78.1 117.1

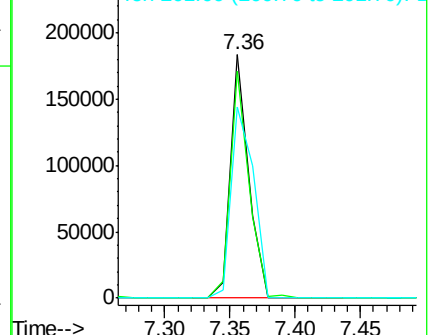
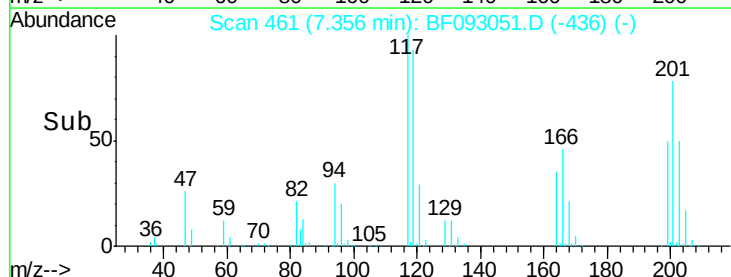
201 78.4 78.6 117.8#

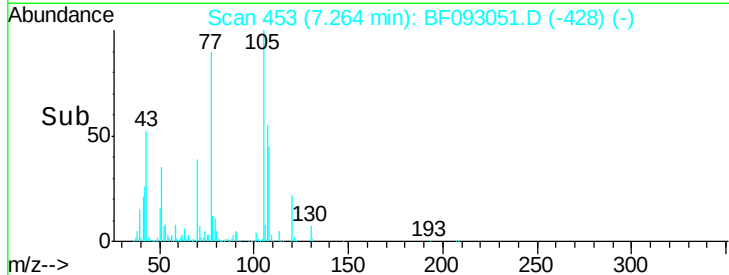
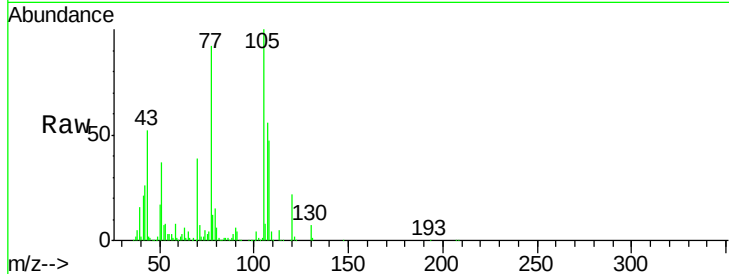
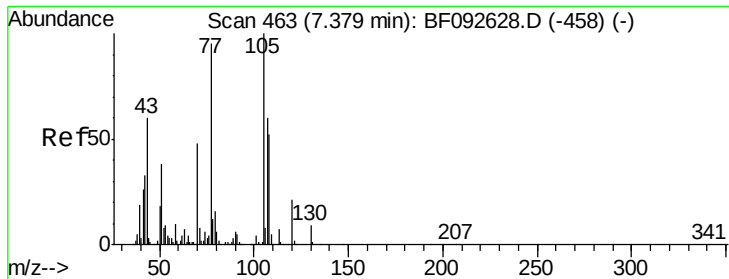


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

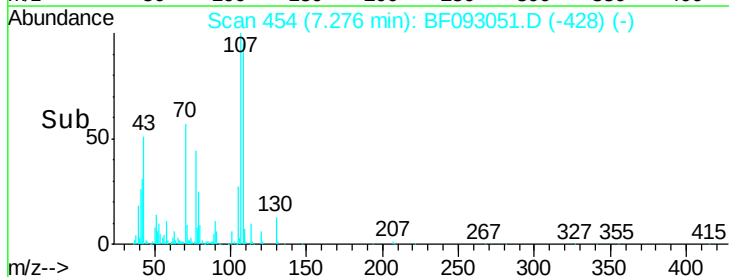
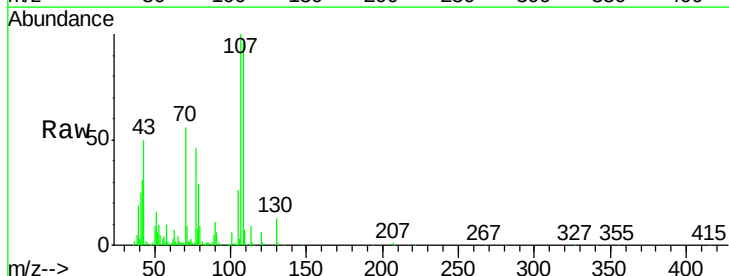
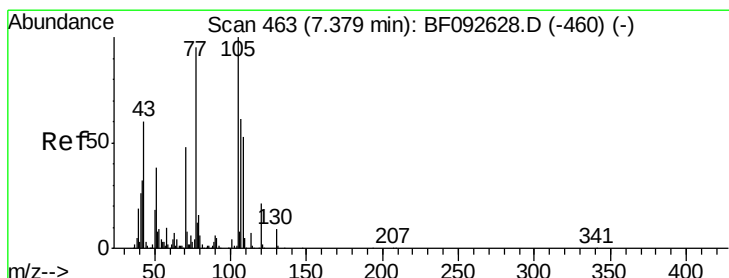
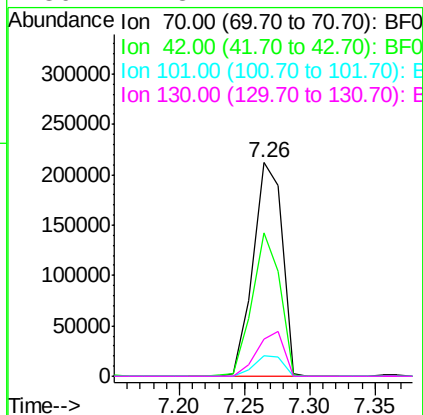




#19
n-Nitroso-di-n-propylamine
Concen: 44.84 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

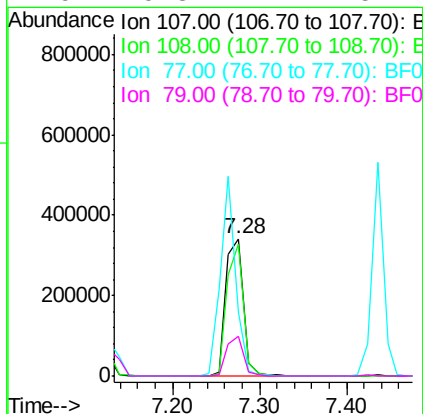
Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

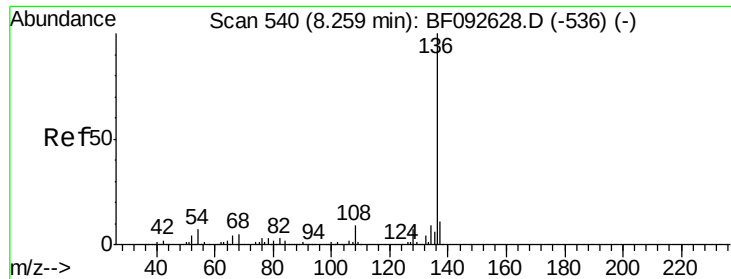
Tgt Ion:	70	Resp:	330958
Ion Ratio	Lower	Upper	
70	100		
42	67.2	49.4	74.0
101	9.4	7.4	11.2
130	17.3	14.2	21.4



#20
3+4-Methylphenols
Concen: 46.96 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion:	107	Resp:	478769
Ion Ratio	Lower	Upper	
107	100		
108	96.2	73.0	113.0
77	46.3	71.3	111.3#
79	29.3	11.1	51.1

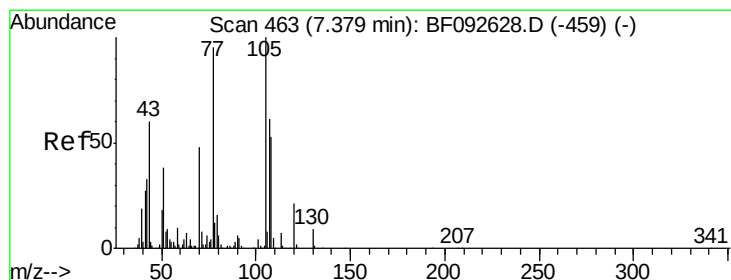
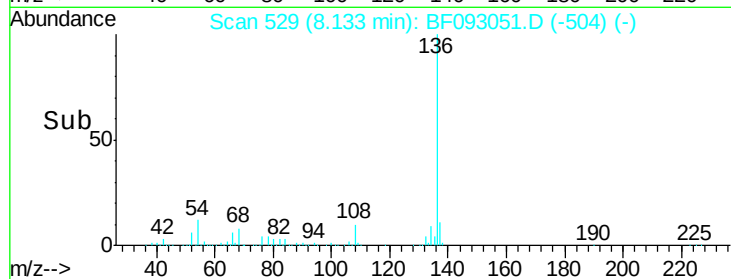
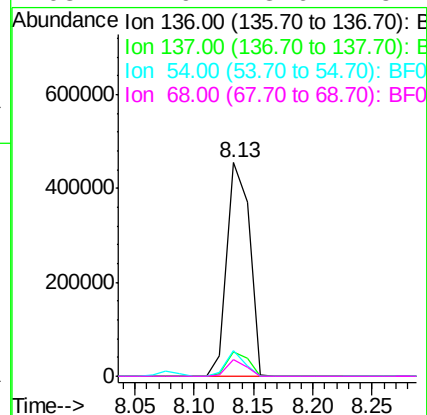
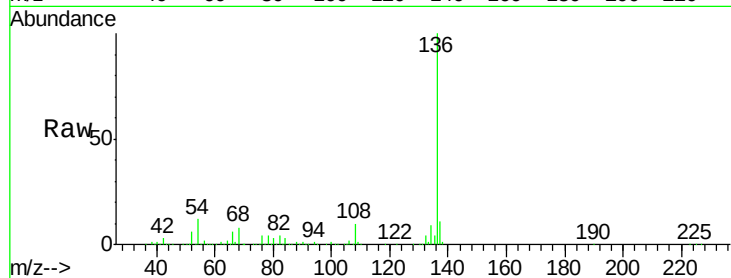




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

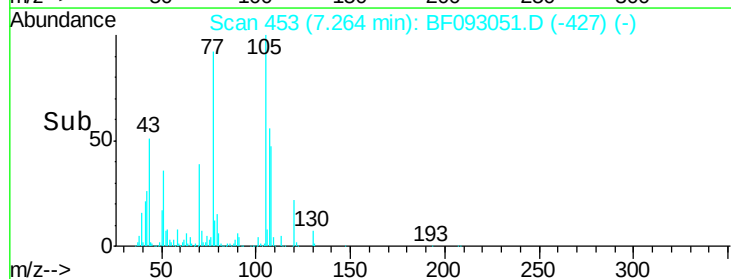
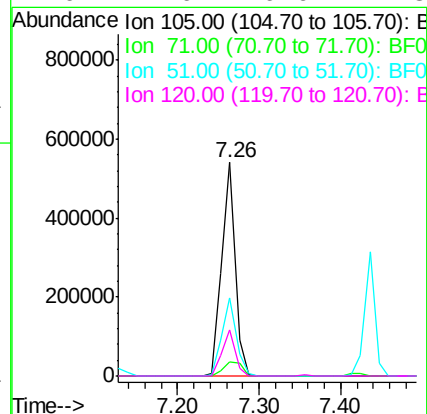
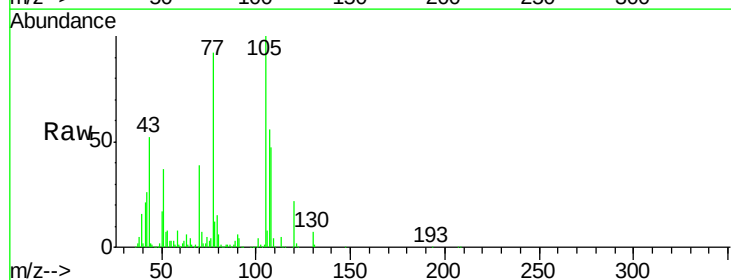
Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

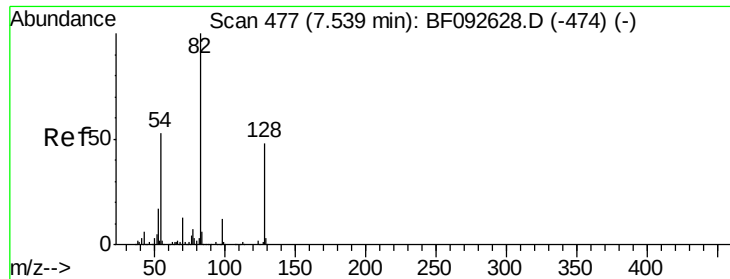
Tgt Ion:	136	Resp:	599240
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.4	12.6
54	12.2	4.5	6.7#
68	7.9	3.6	5.4#



#22
Acetophenone
Concen: 45.42 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion:	105	Resp:	621400
Ion Ratio	Lower	Upper	
105	100		
71	6.8	3.2	4.8#
51	36.6	26.2	39.4
120	21.6	16.6	24.8

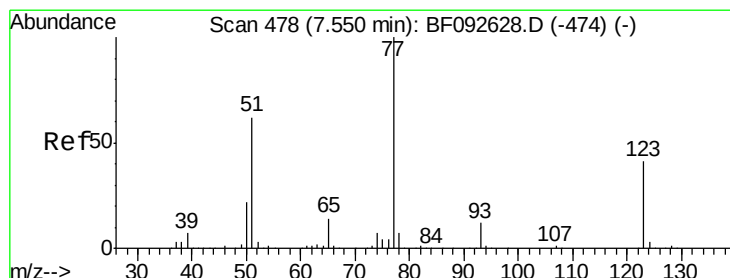
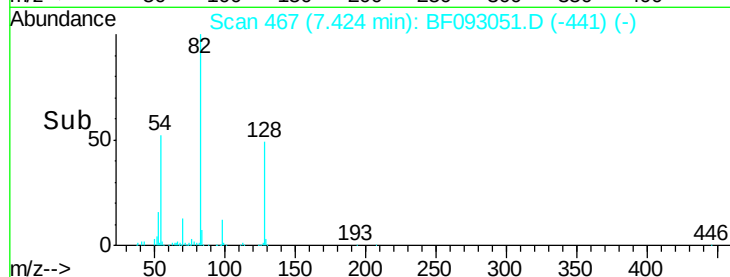
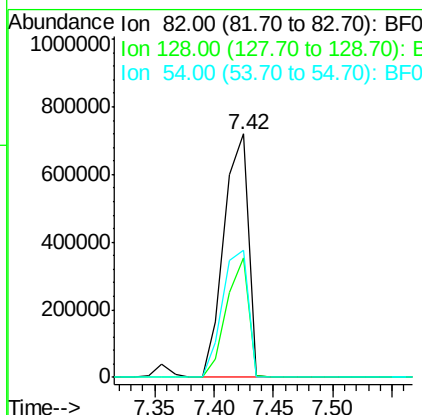
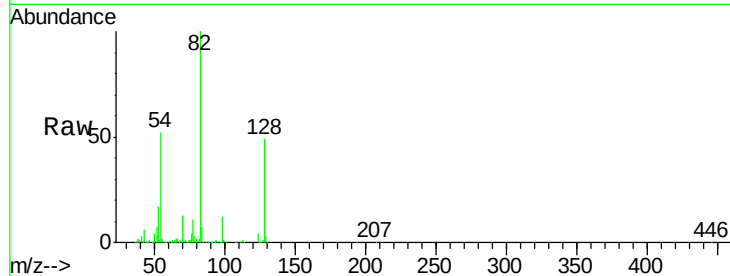




#23
 Nitrobenzene-d5
 Concen: 95.23 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

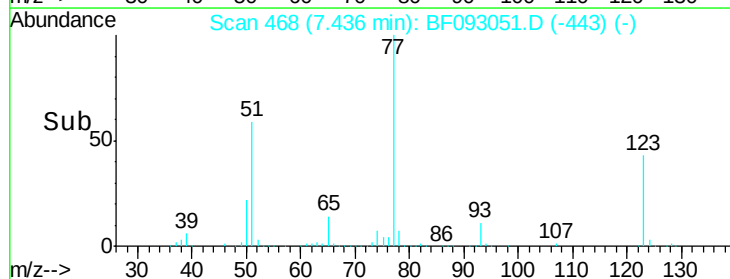
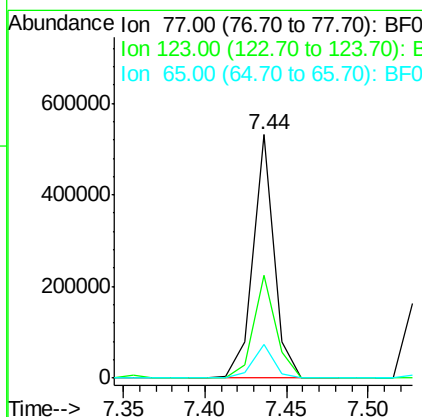
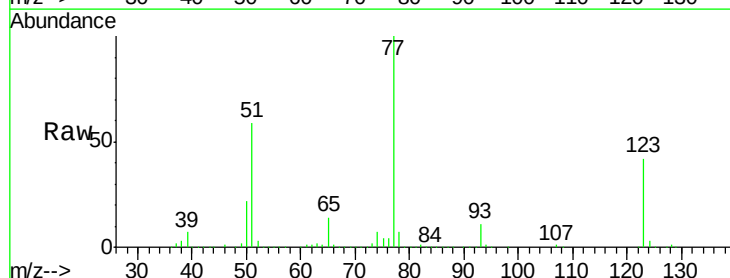
Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

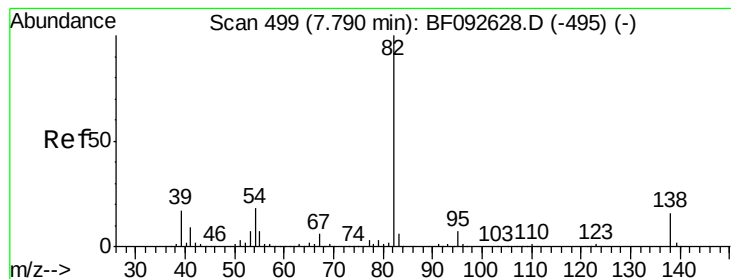
Tgt Ion: 82 Resp: 1024728
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.6 52.0
 54 52.2 39.5 59.3



#24
 Nitrobenzene
 Concen: 43.11 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion: 77 Resp: 476319
 Ion Ratio Lower Upper
 77 100
 123 42.4 33.0 49.4
 65 13.8 11.2 16.8





#25

Isophorone

Concen: 46.37 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

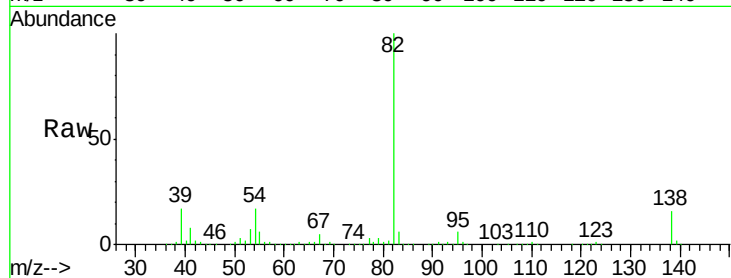
Tgt Ion: 82 Resp: 929902

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

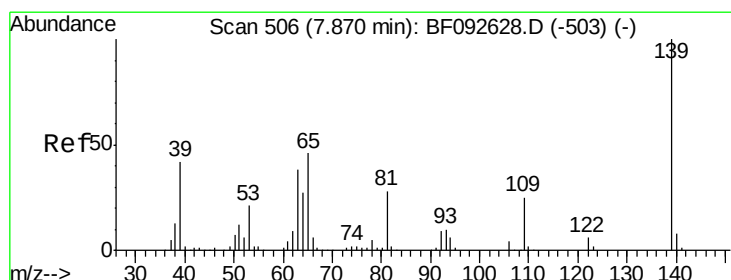
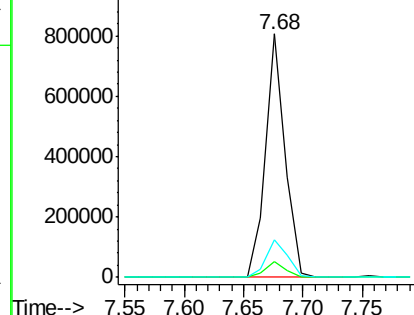
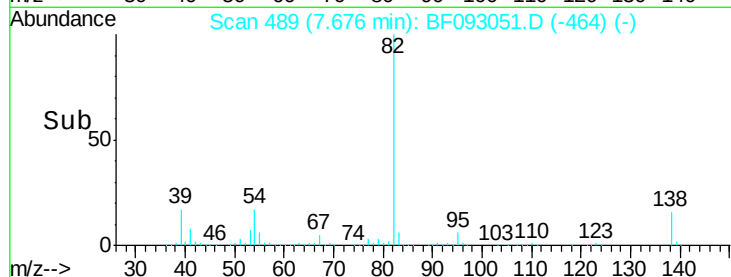
138 15.5 14.6 22.0



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: 50.76 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

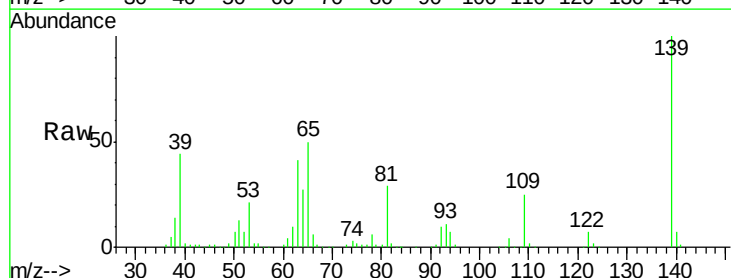
Tgt Ion: 139 Resp: 266595

Ion Ratio Lower Upper

139 100

109 25.1 23.3 34.9

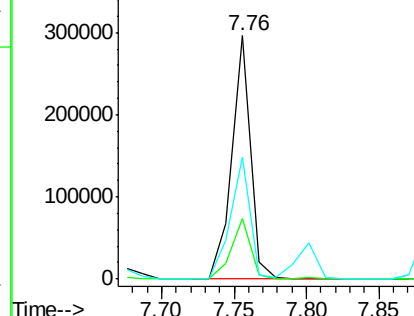
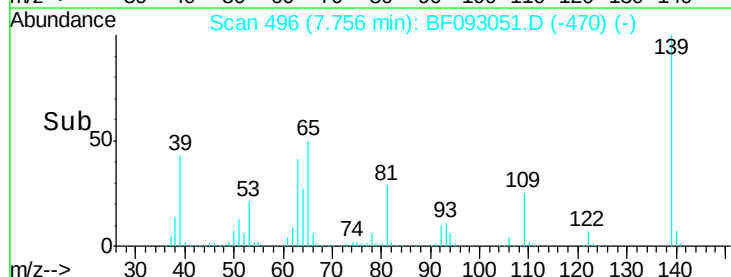
65 50.2 42.7 64.1

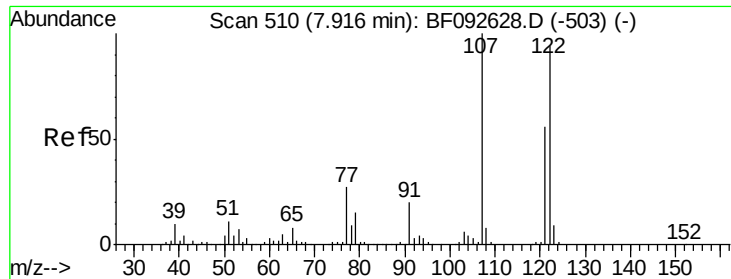


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 49.70 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

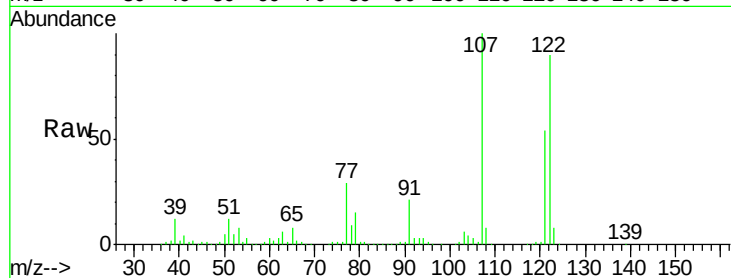
Tgt Ion:122 Resp: 458410

Ion Ratio Lower Upper

122 100

107 111.0 94.1 141.1

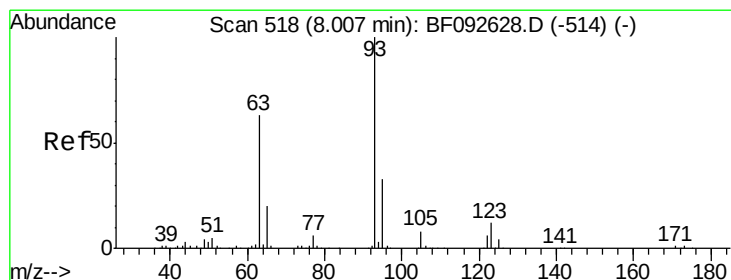
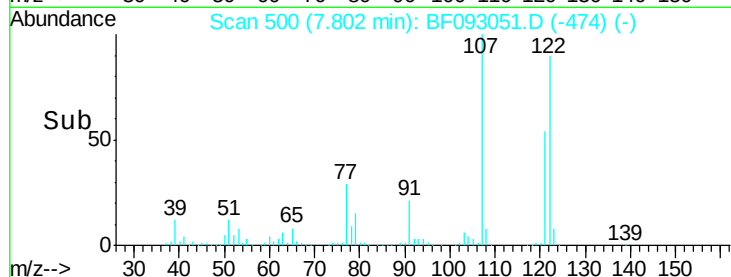
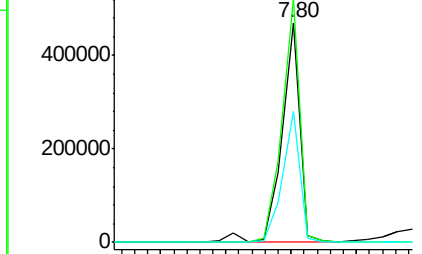
121 59.7 46.0 69.0



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: 47.26 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

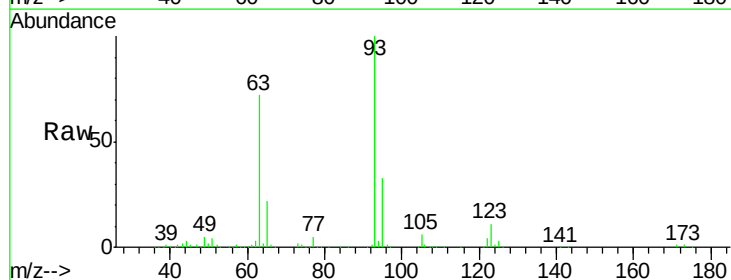
Tgt Ion: 93 Resp: 627659

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

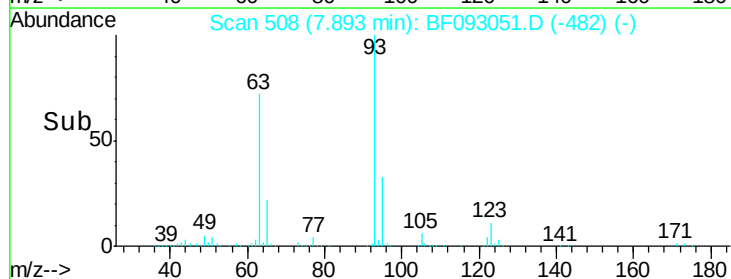
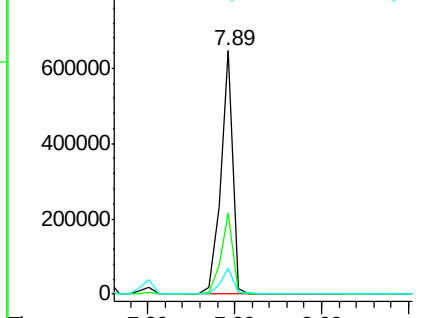
123 10.7 8.6 13.0

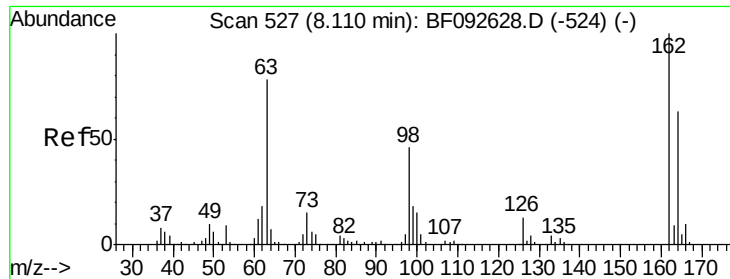


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

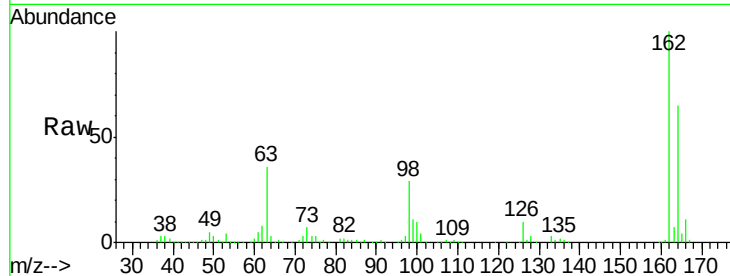




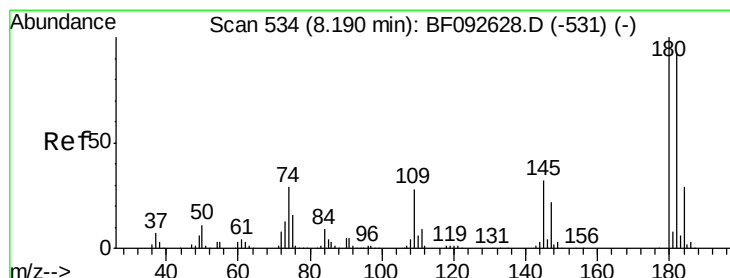
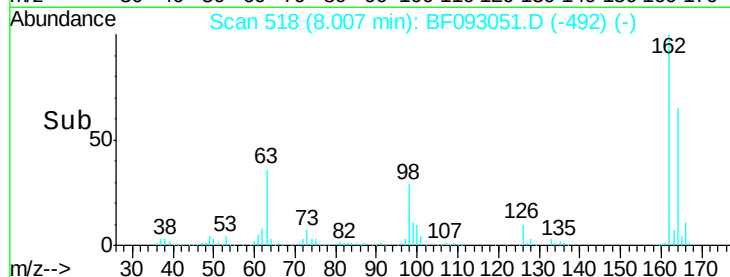
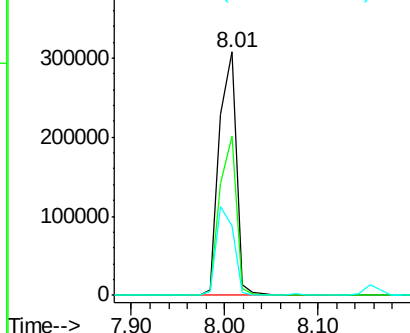
#29
 2,4-Dichlorophenol
 Concen: 45.20 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	46.8	86.8
98	28.8	9.1	49.1

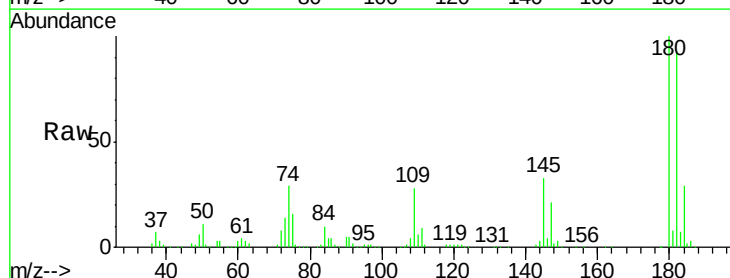


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

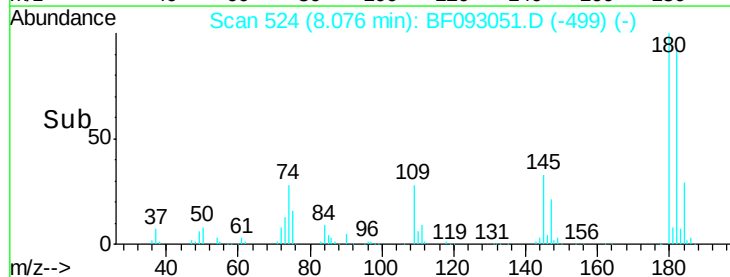
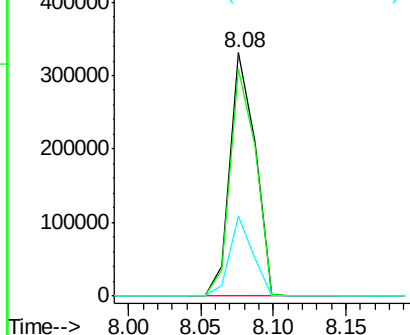


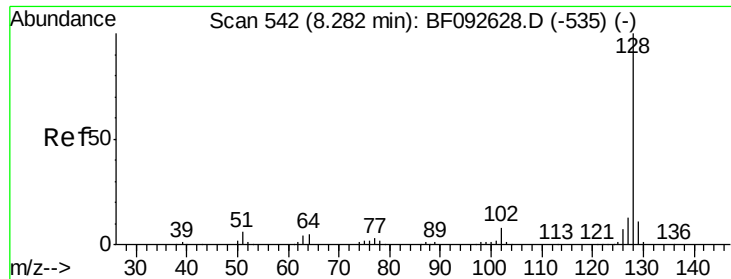
#30
 1,2,4-Trichlorobenzene
 Concen: 43.18 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	78.2	117.4
145	32.6	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

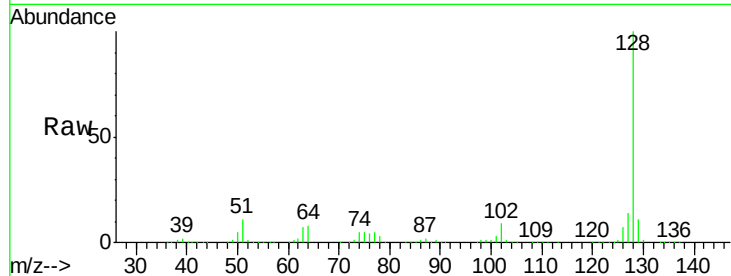




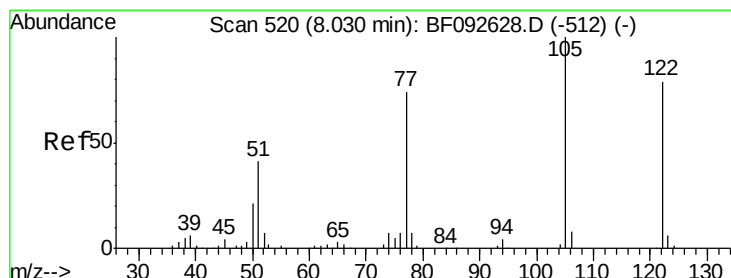
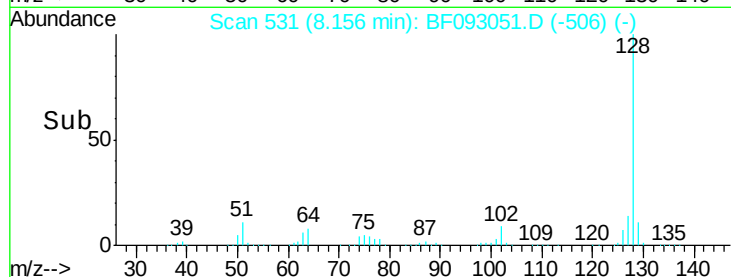
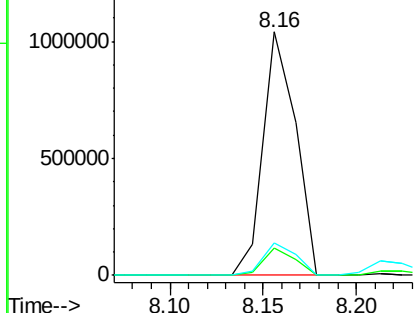
#31
Naphthalene
Concen: 41.45 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tgt Ion:128 Resp: 1259191
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.5 10.8 16.2

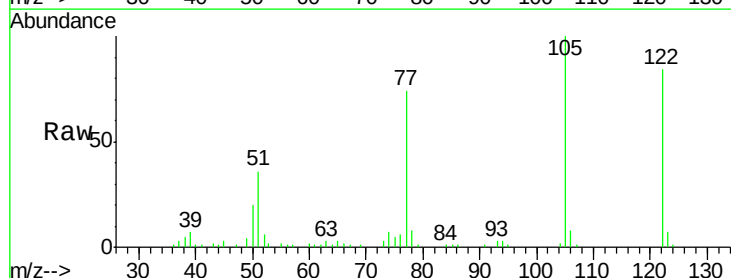


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

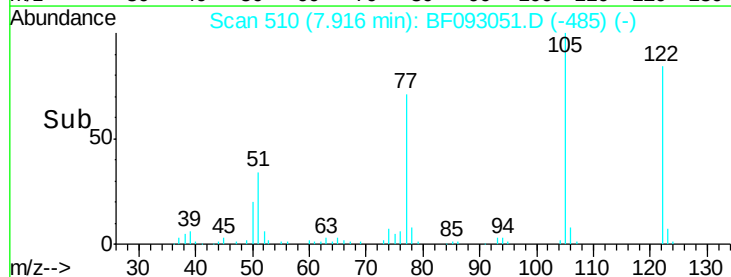
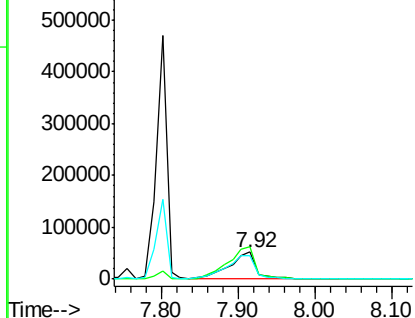


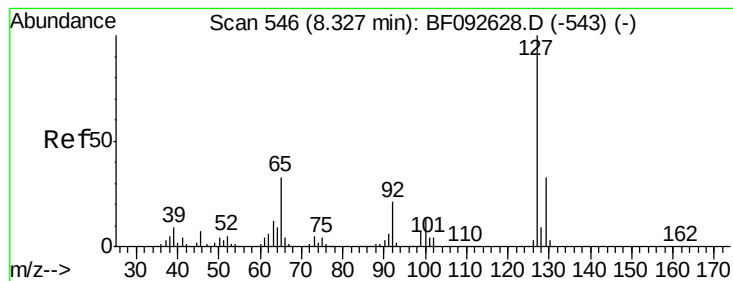
#32
Benzoic acid
Concen: 27.82 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion:122 Resp: 126868
Ion Ratio Lower Upper
122 100
105 119.4 107.2 147.2
77 88.8 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: 9.21 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

Tgt Ion:127 Resp: 109729

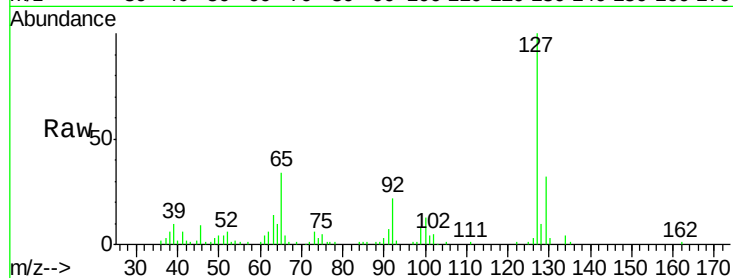
Ion Ratio Lower Upper

127 100

129 32.3 26.3 39.5

65 33.6 25.8 38.8

92 21.7 16.1 24.1

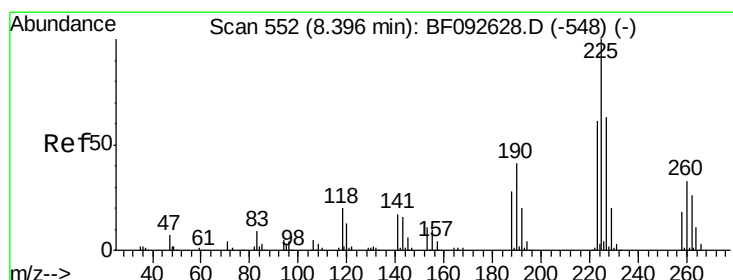
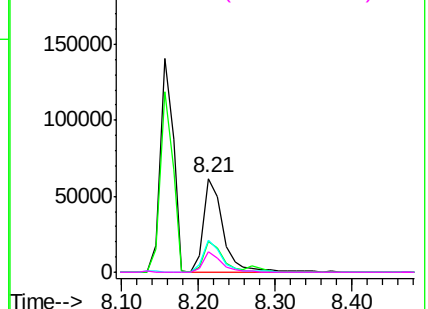
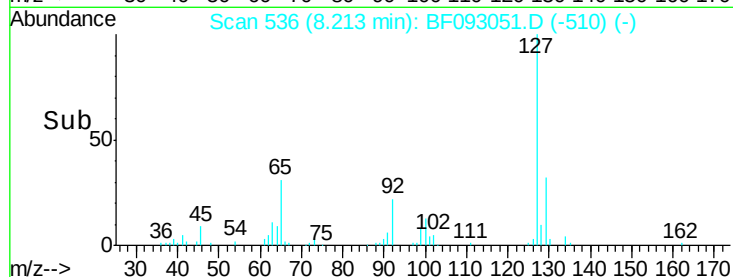


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 42.25 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

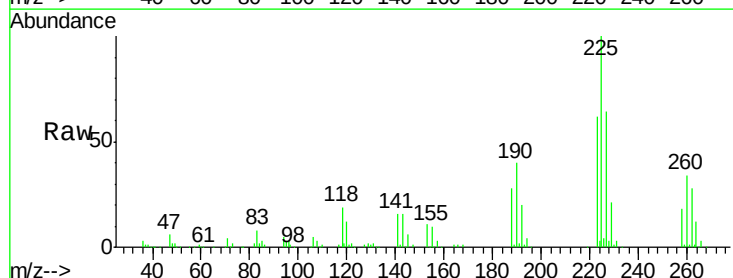
Tgt Ion:225 Resp: 215491

Ion Ratio Lower Upper

225 100

223 61.6 51.0 76.6

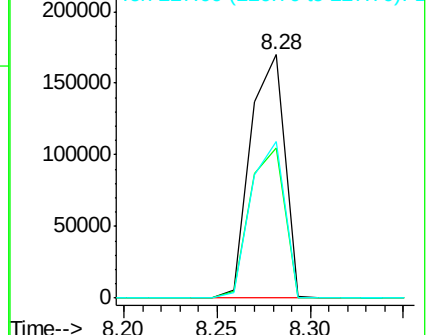
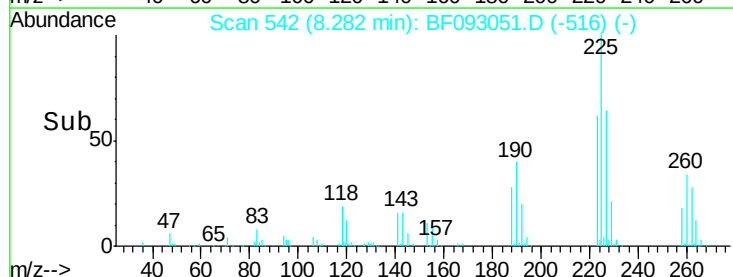
227 64.4 50.6 76.0

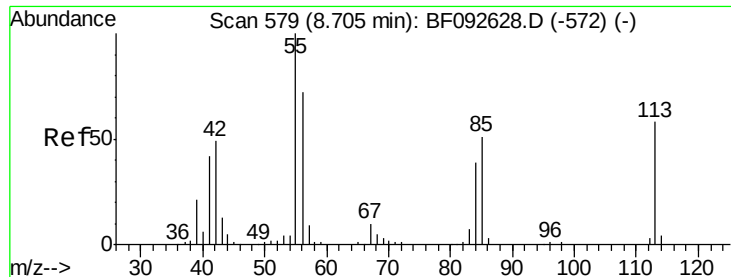


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

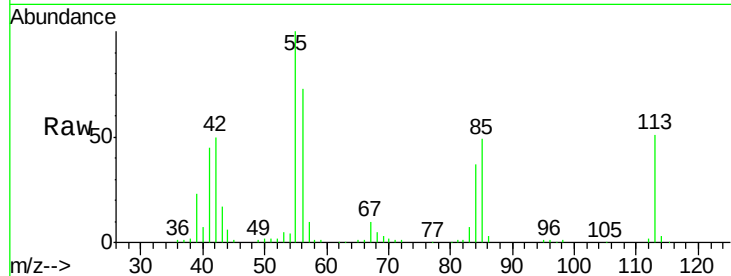




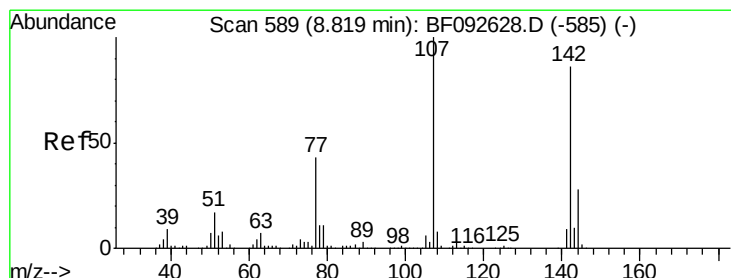
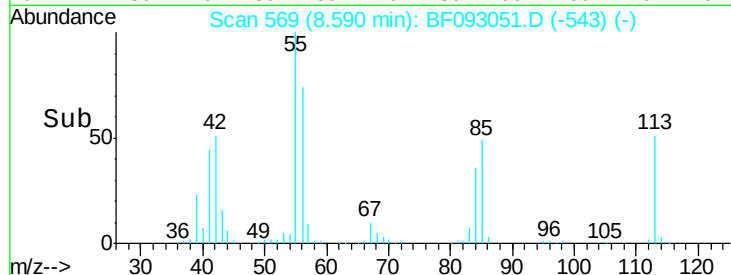
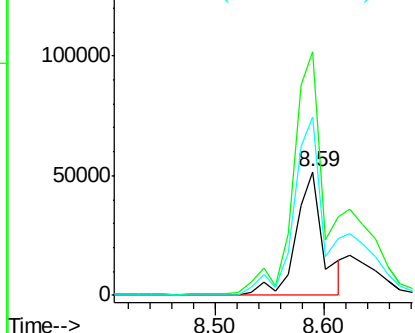
#35
 Caprolactam
 Concen: 33.51 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

Tgt Ion:113 Resp: 90679
 Ion Ratio Lower Upper
 113 100
 55 197.3 119.2 159.2#
 56 144.7 83.8 123.8#

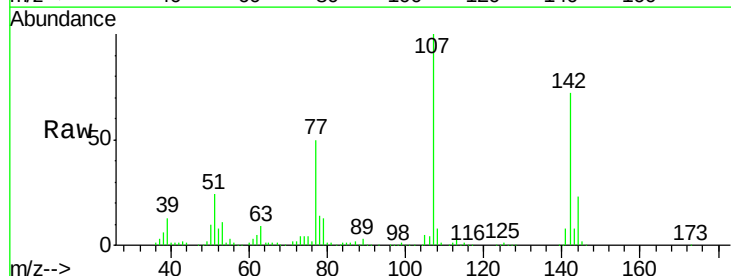


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

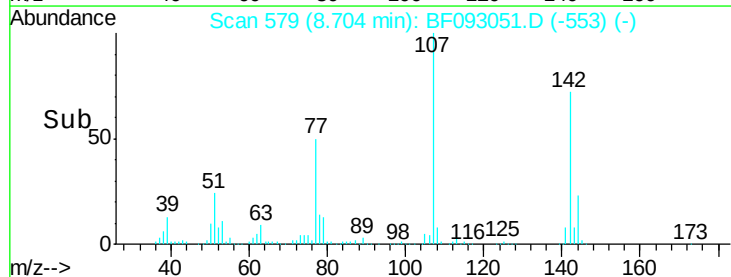
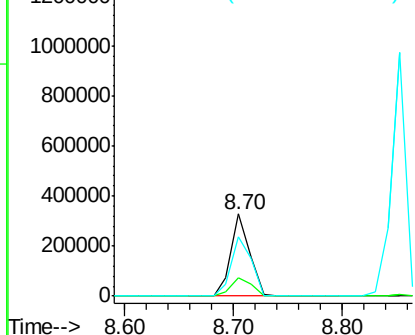


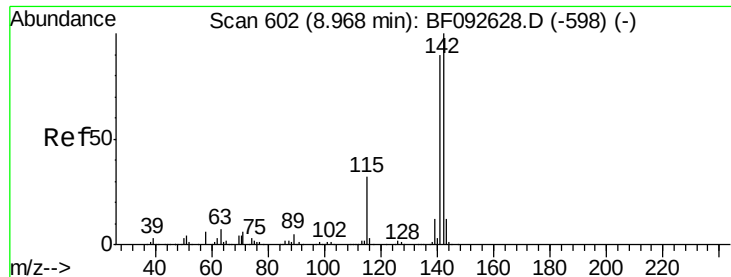
#36
 4-Chloro-3-methylphenol
 Concen: 43.54 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion:107 Resp: 390569
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.3 28.9
 142 72.1 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

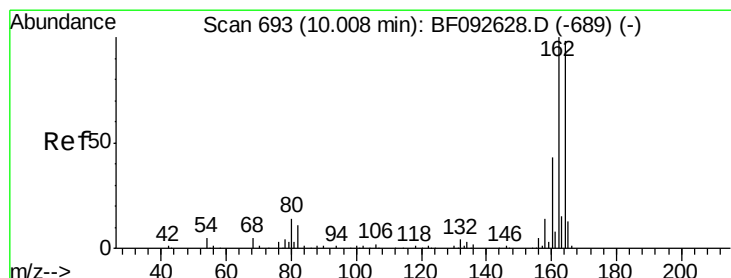
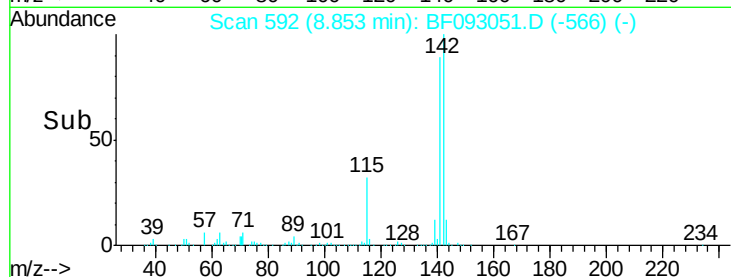
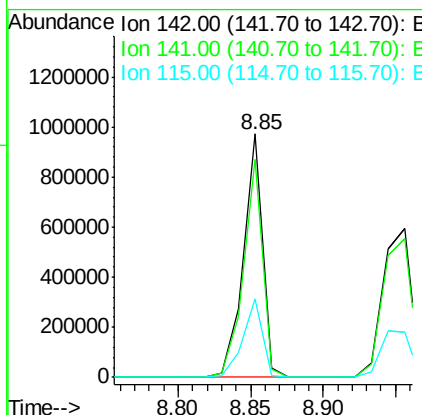
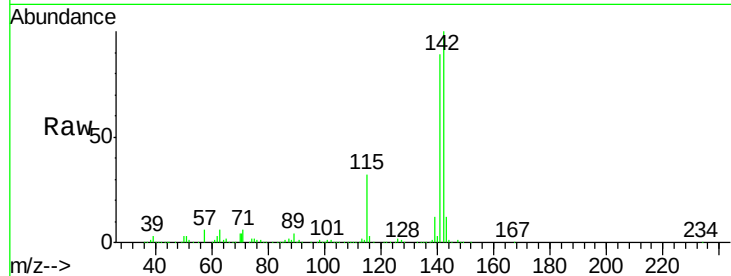




#37
2-Methylnaphthalene
Concen: 45.93 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

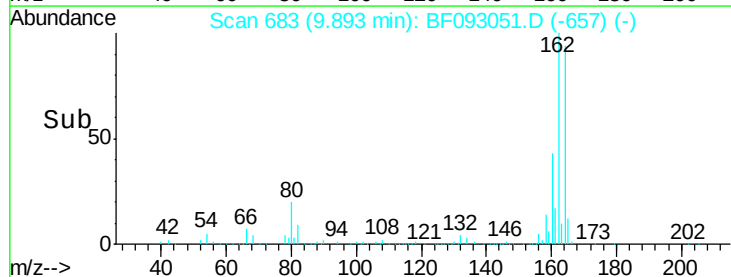
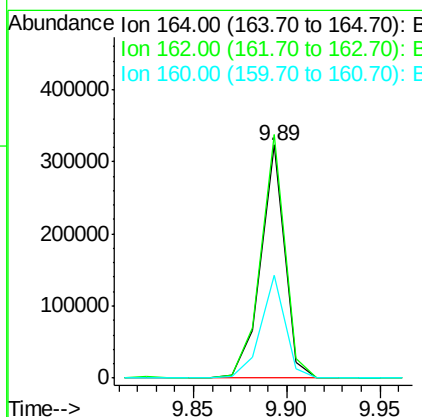
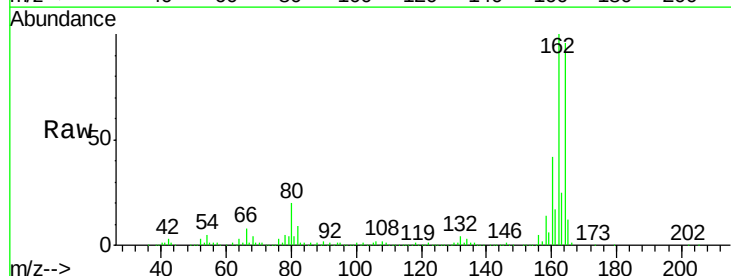
Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

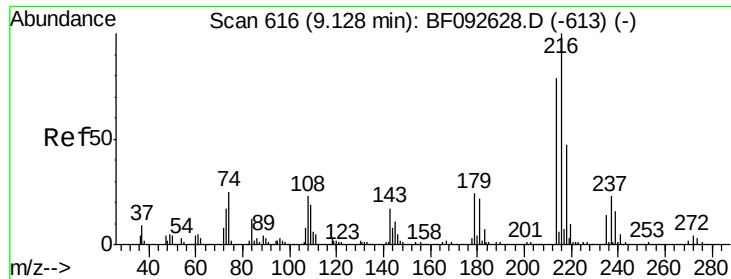
Tgt Ion:142 Resp: 895871
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6
115 32.3 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion:164 Resp: 283661
Ion Ratio Lower Upper
164 100
162 104.6 80.2 120.2
160 44.4 36.9 55.3

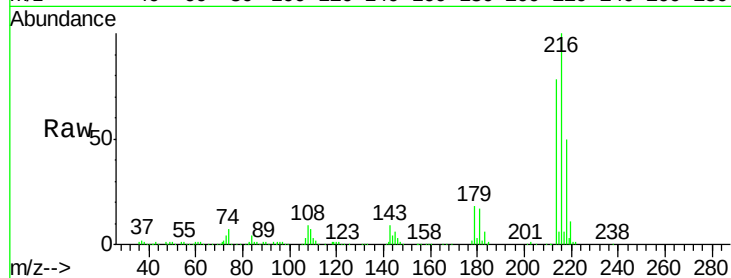




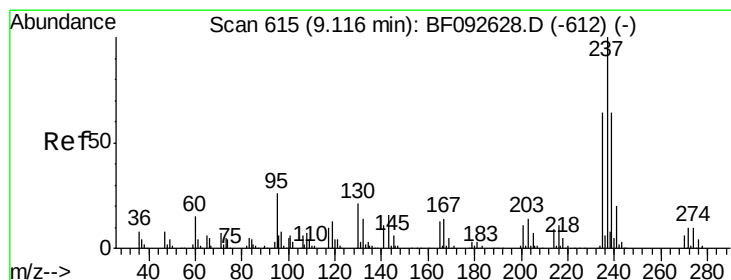
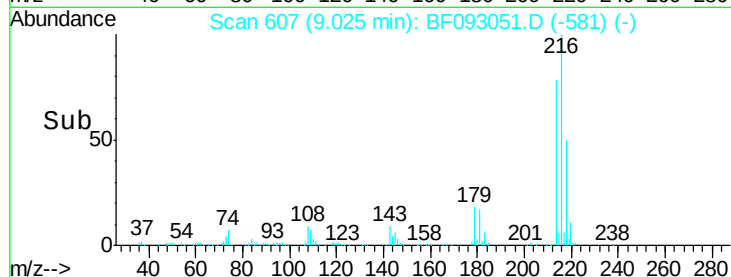
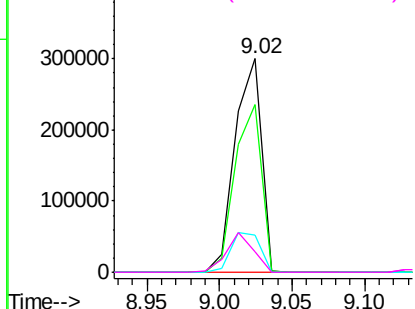
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.74 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

Tgt Ion:	216	Resp:	380131
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	20.7	17.4	26.2
108	19.0	15.6	23.4

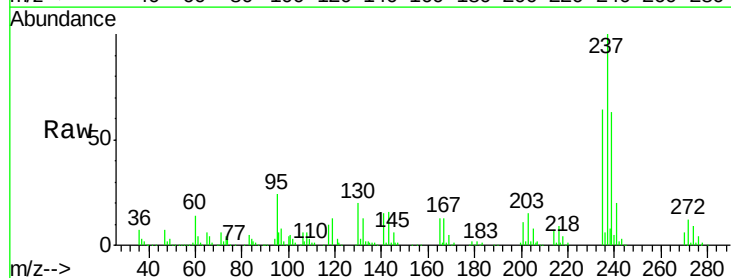


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

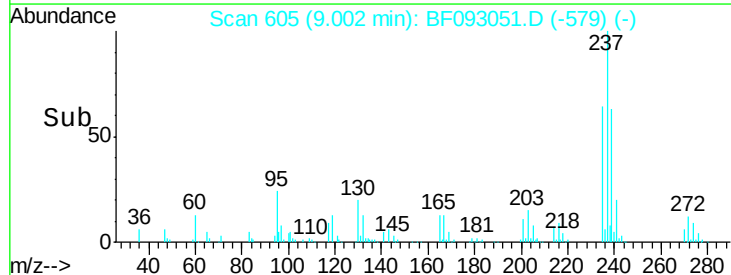
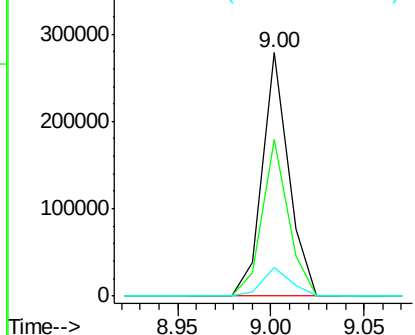


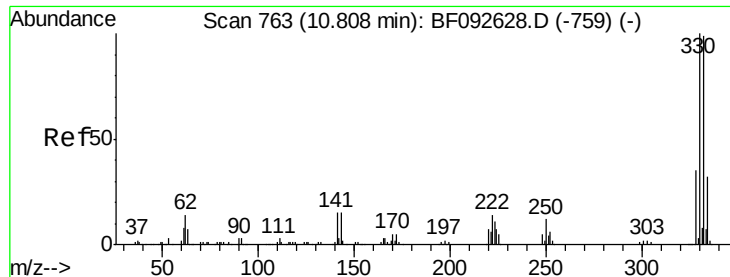
#40
 Hexachlorocyclopentadiene
 Concen: 75.18 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion:	237	Resp:	270080
Ion	Ratio	Lower	Upper
237	100		
235	64.3	41.2	81.2
272	11.6	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

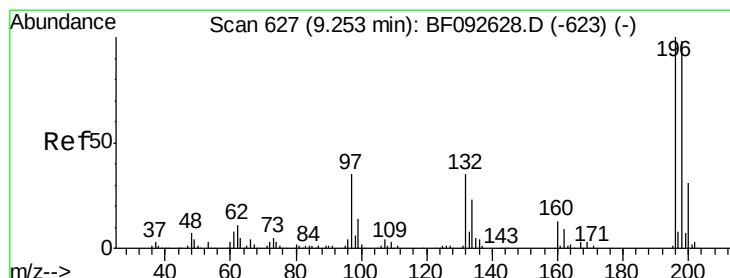
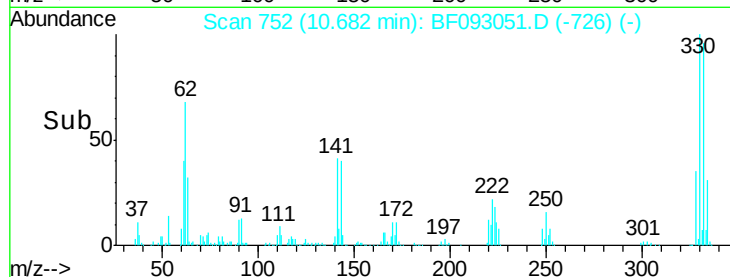
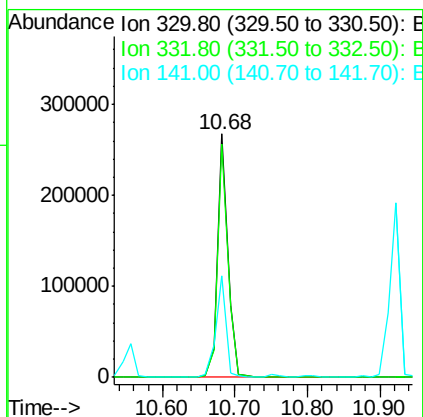
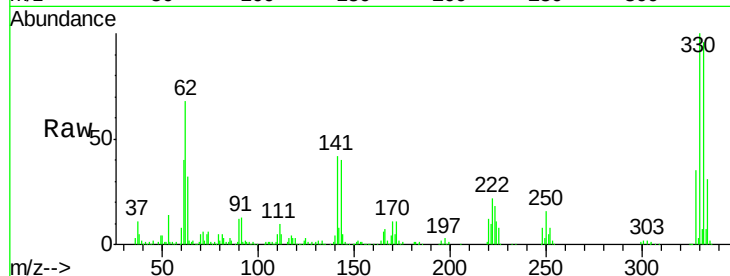




#41
 2,4,6-Tribromophenol
 Concen: 130.10 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

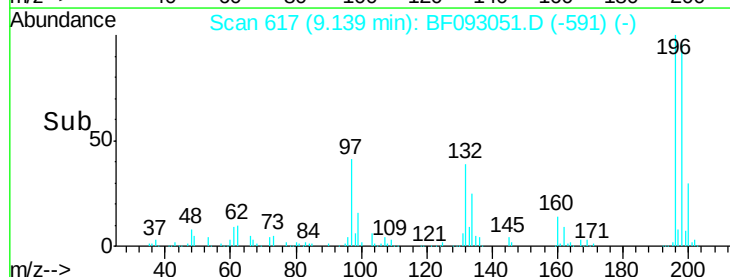
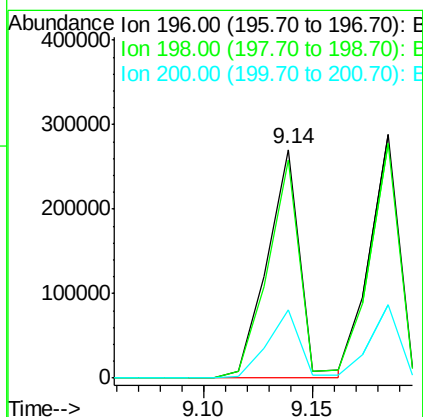
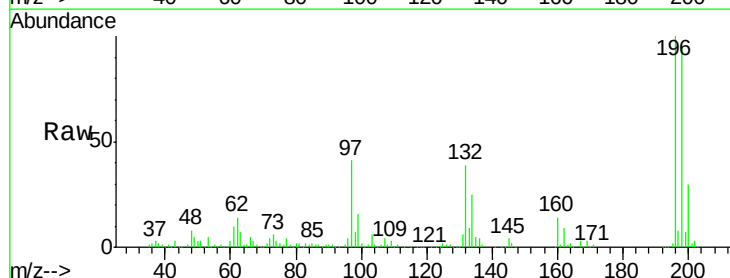
Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

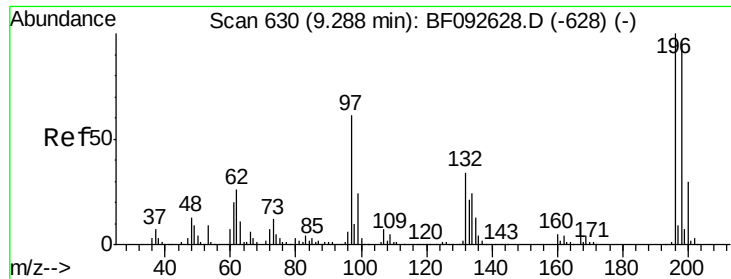
Tgt Ion:330 Resp: 266914
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 39.7 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 54.69 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion:196 Resp: 286127
 Ion Ratio Lower Upper
 196 100
 198 95.6 82.1 123.1
 200 30.1 27.0 40.4

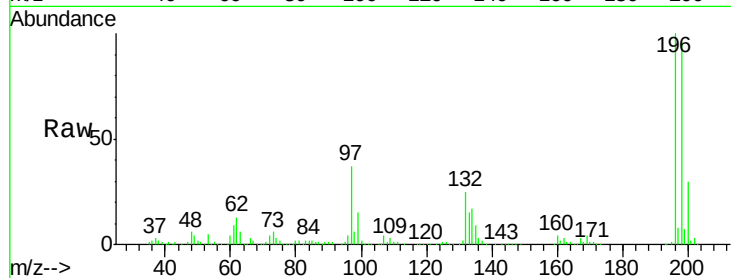




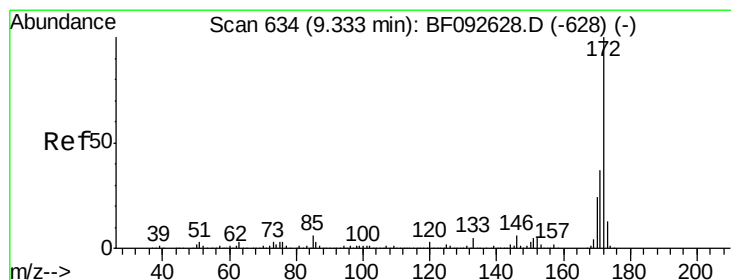
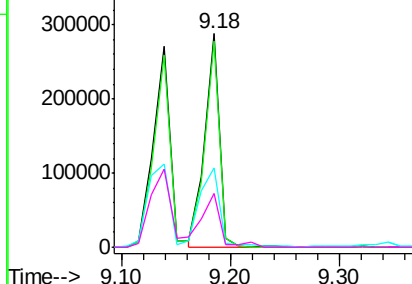
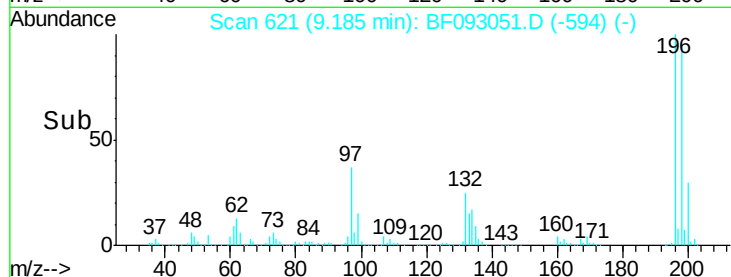
#43
 2,4,5-Trichlorophenol
 Concen: 47.98 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	79.4	119.2
97	37.3	51.5	77.3#
132	25.0	27.4	41.2#

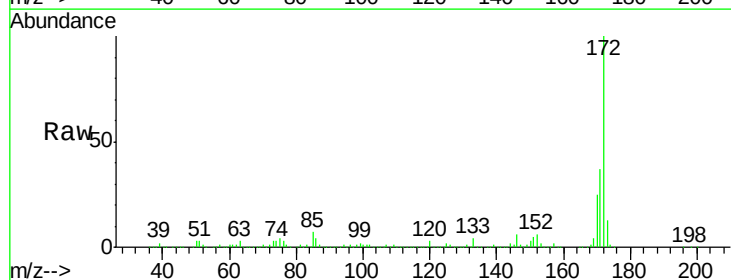


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

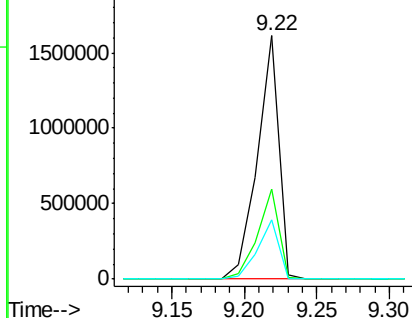
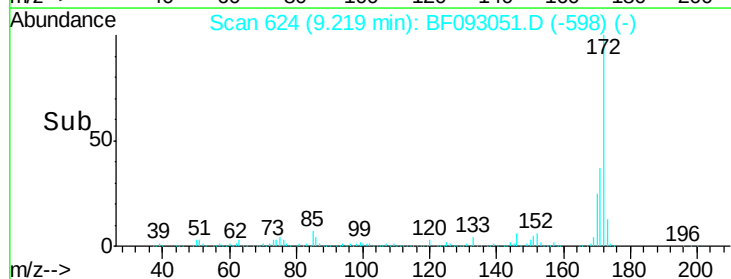


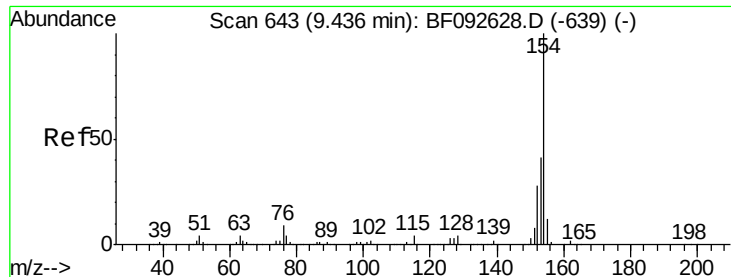
#44
 2-Fluorobiphenyl
 Concen: 105.87 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.6	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: 50.66 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

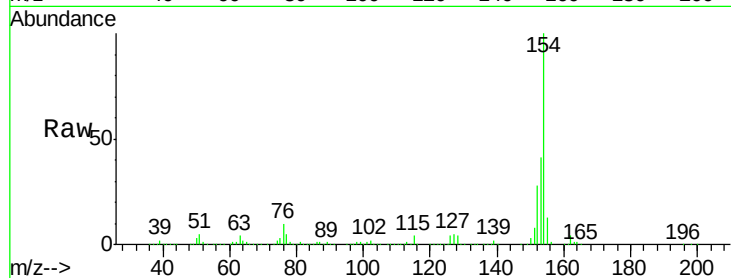
Tgt Ion:154 Resp: 1040479

Ion Ratio Lower Upper

154 100

153 40.5 20.9 60.9

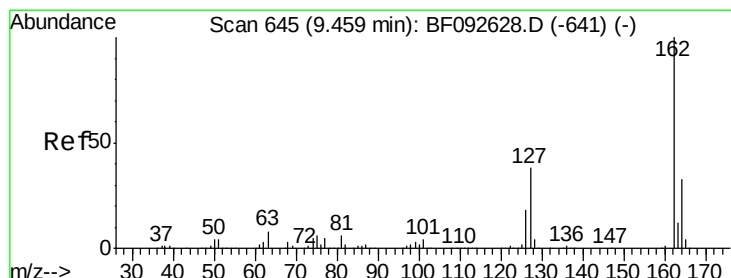
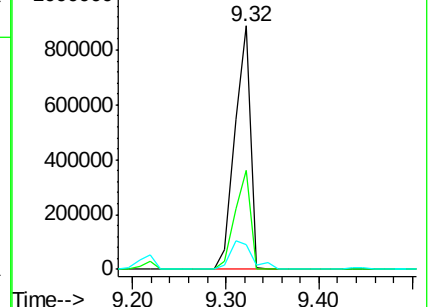
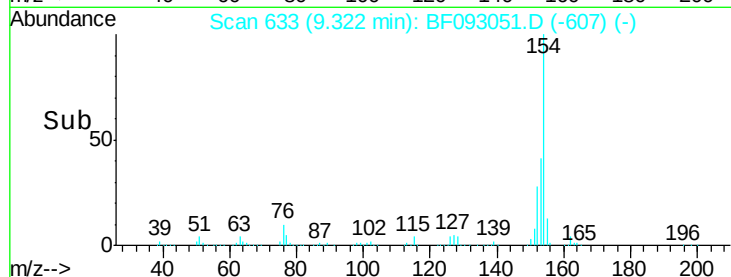
76 9.9 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 53.61 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

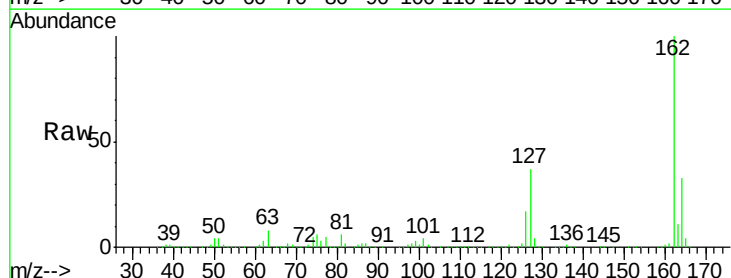
Tgt Ion:162 Resp: 861388

Ion Ratio Lower Upper

162 100

127 36.8 30.7 46.1

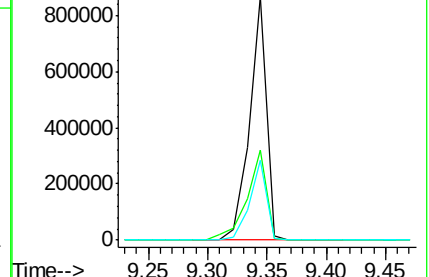
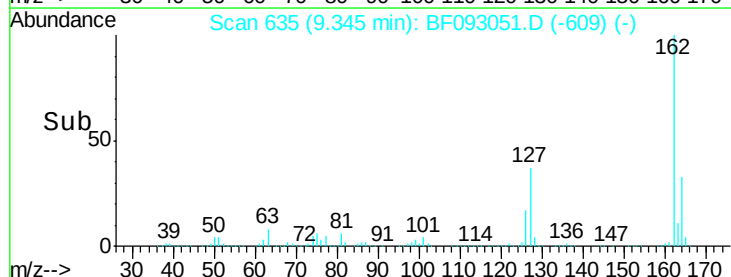
164 32.6 27.6 41.4

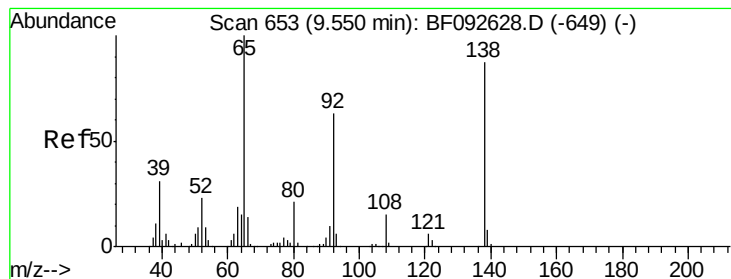


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.19 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

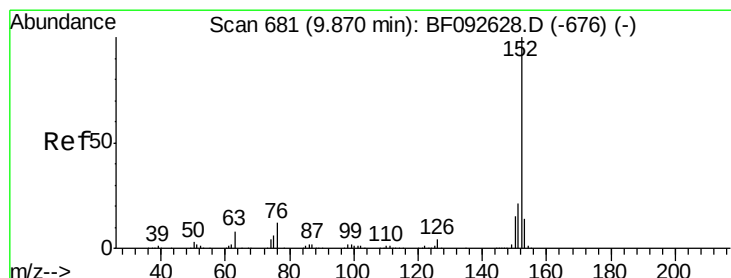
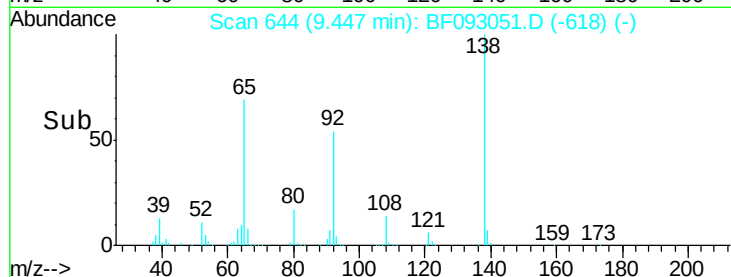
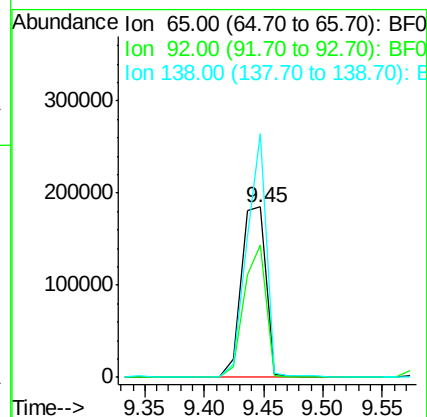
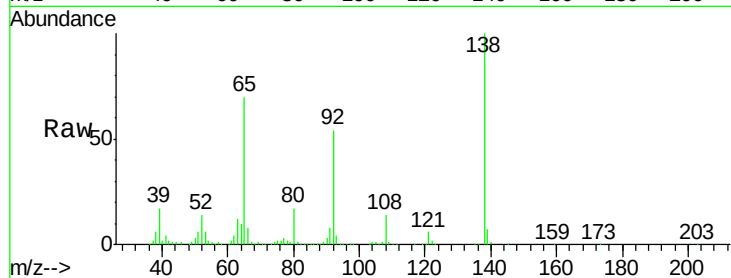
Tgt Ion: 65 Resp: 271128

Ion Ratio Lower Upper

65 100

92 77.7 53.9 80.9

138 142.7 76.8 115.2#



#48

Acenaphthylene

Concen: 45.42 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

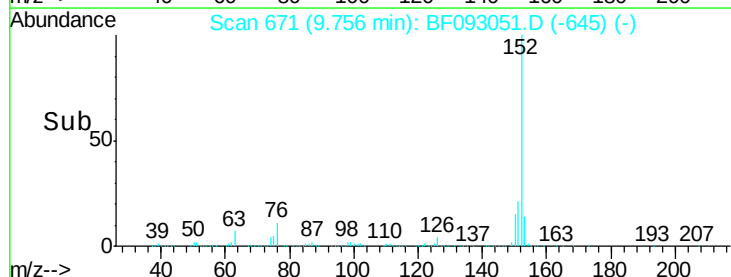
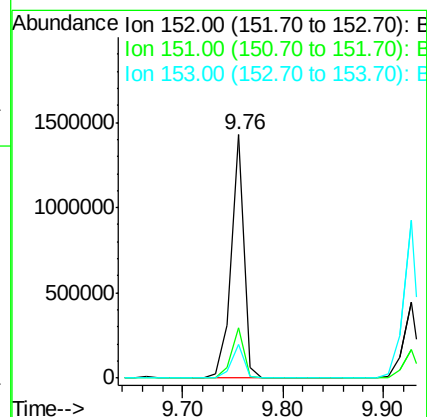
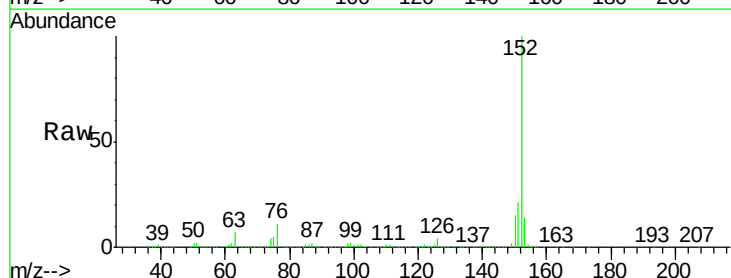
Tgt Ion:152 Resp: 1260714

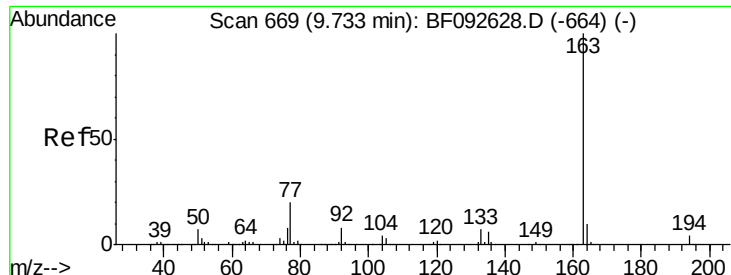
Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

153 13.6 11.4 17.2

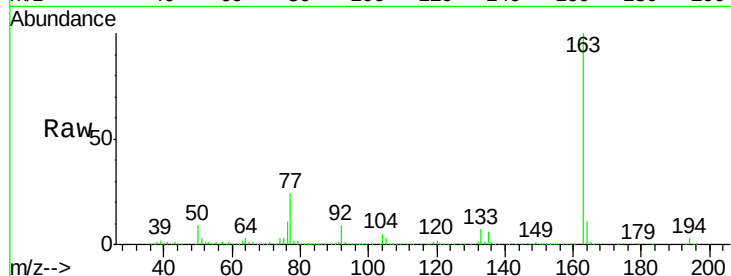




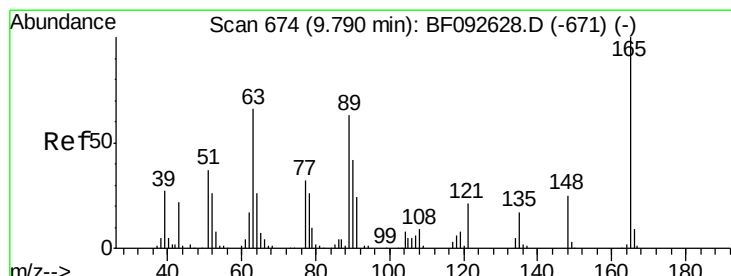
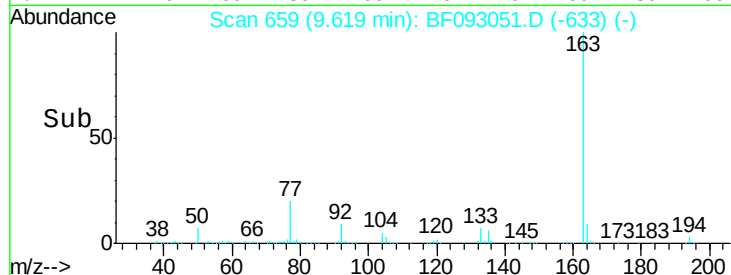
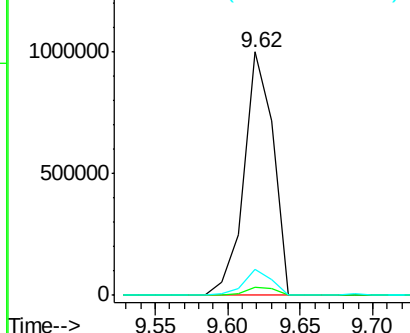
#49
Dimethylphthalate
Concen: 72.82 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tgt Ion:163 Resp: 1391413
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.6 8.0 12.0

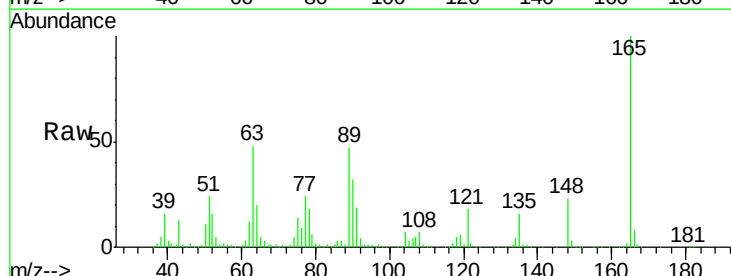


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

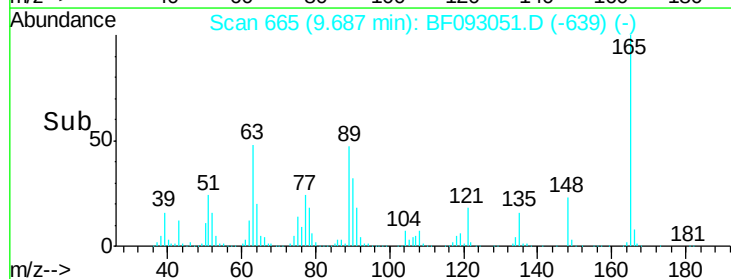
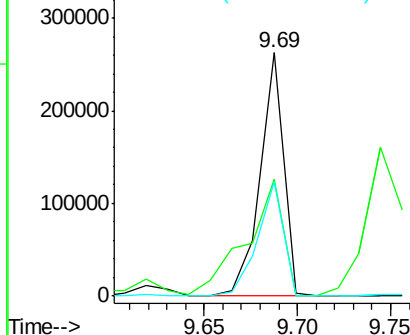


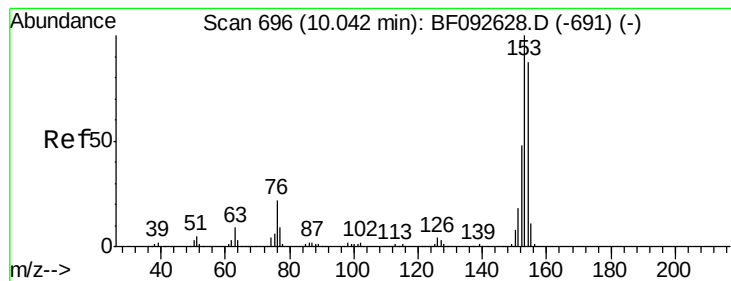
#50
2,6-Dinitrotoluene
Concen: 55.20 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion:165 Resp: 227783
Ion Ratio Lower Upper
165 100
63 47.8 36.2 54.4
89 47.1 40.2 60.4



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





#51

Acenaphthene

Concen: 44.47 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

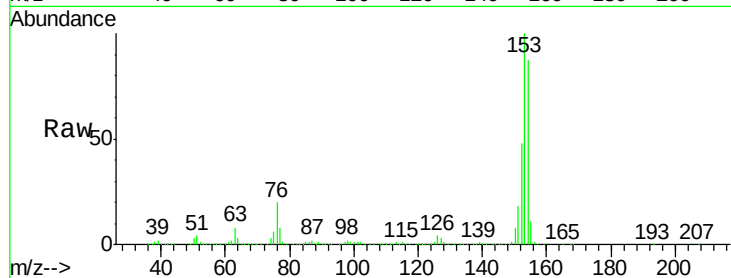
Tgt Ion:154 Resp: 738028

Ion Ratio Lower Upper

154 100

153 114.3 88.6 133.0

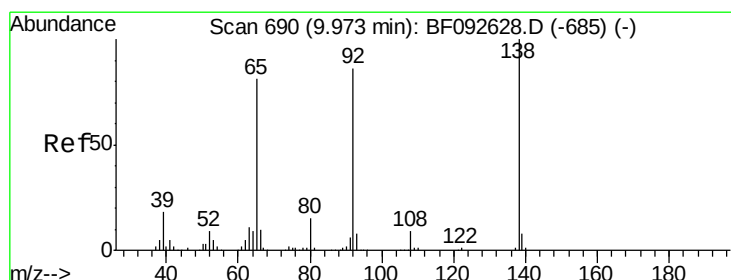
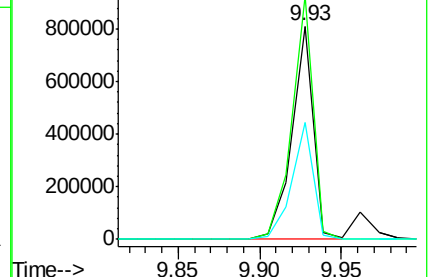
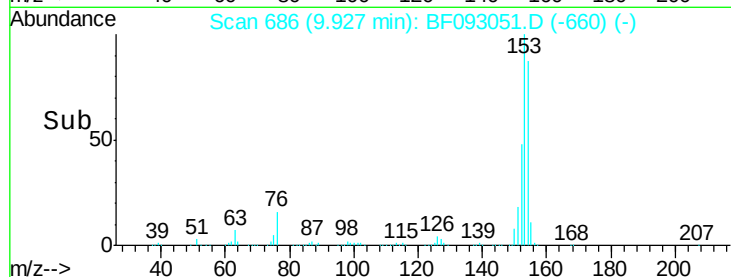
152 55.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.23 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

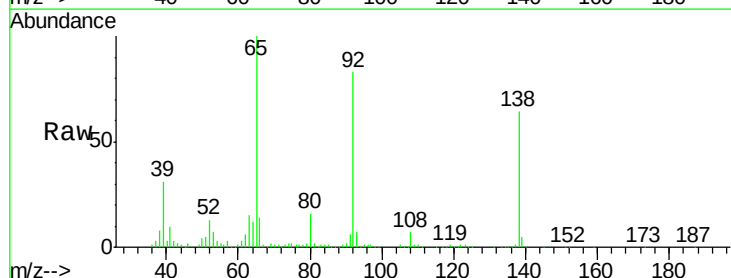
Tgt Ion:138 Resp: 123883

Ion Ratio Lower Upper

138 100

108 11.4 8.5 12.7

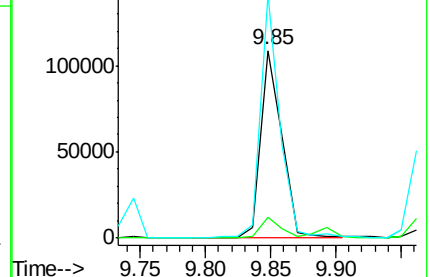
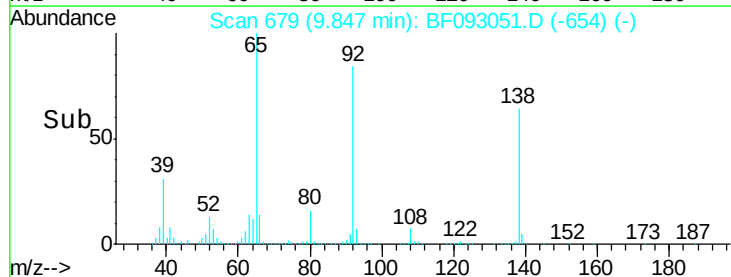
92 129.9 97.8 146.8

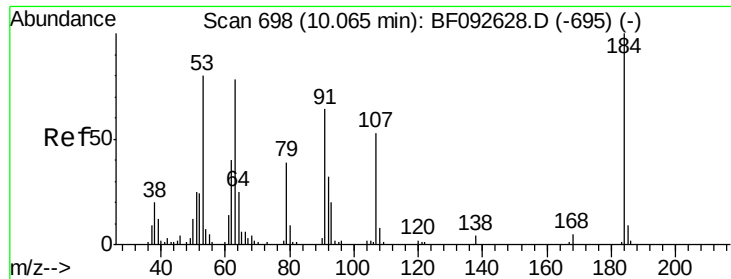


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

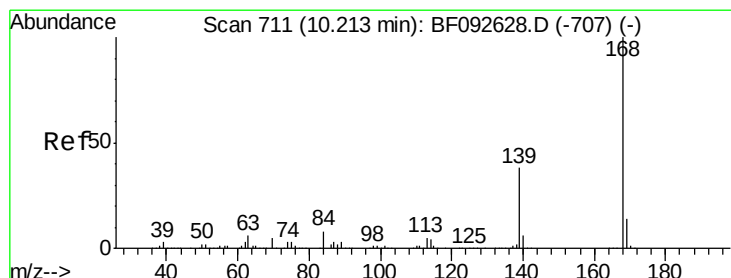
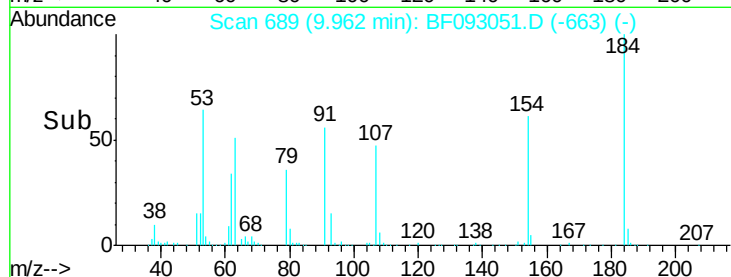
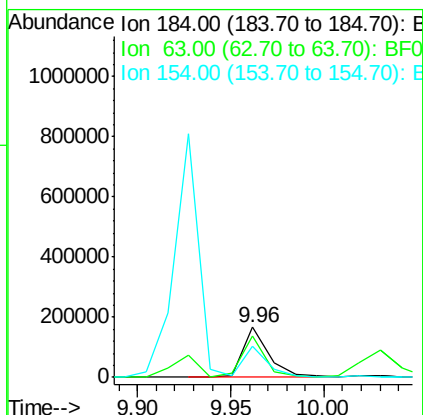
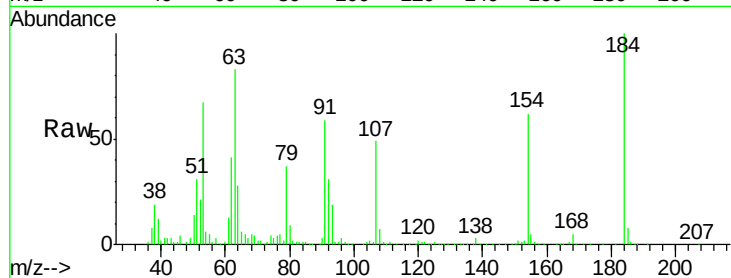




#53
2,4-Dinitrophenol
Concen: 77.85 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

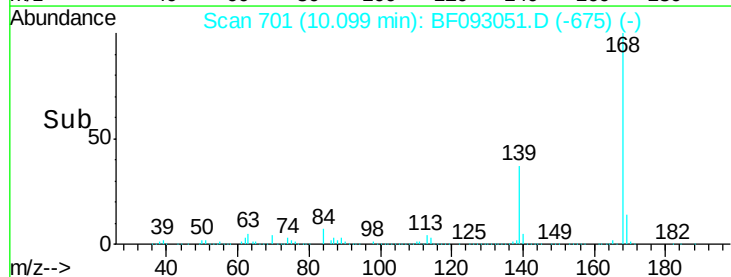
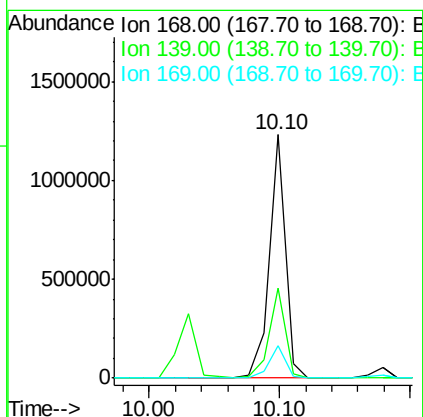
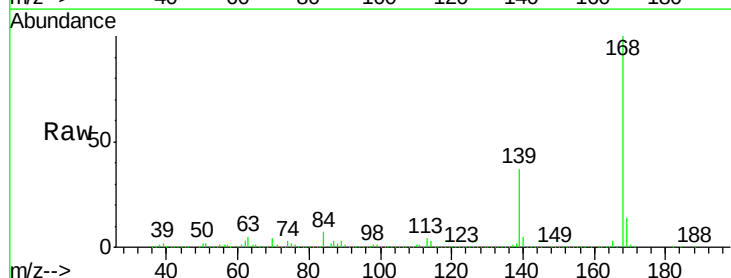
Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

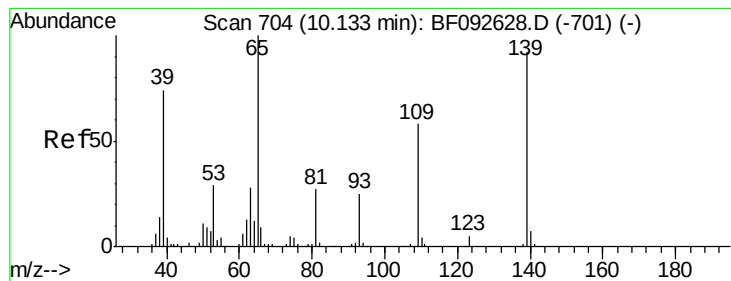
Tgt Ion:184 Resp: 163132
Ion Ratio Lower Upper
184 100
63 82.5 28.4 42.6#
154 61.7 44.3 66.5



#54
Dibenzofuran
Concen: 48.07 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion:168 Resp: 1067119
Ion Ratio Lower Upper
168 100
139 37.2 32.6 49.0
169 13.5 11.3 16.9





#55

4-Nitrophenol

Concen: 94.47 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

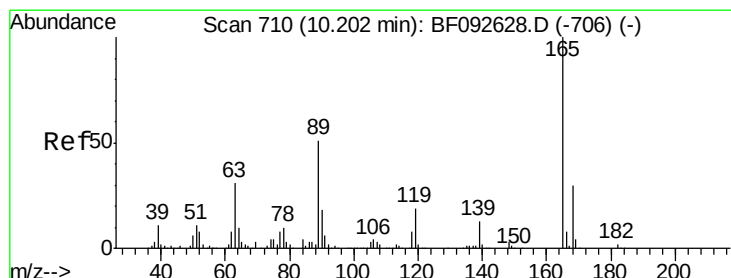
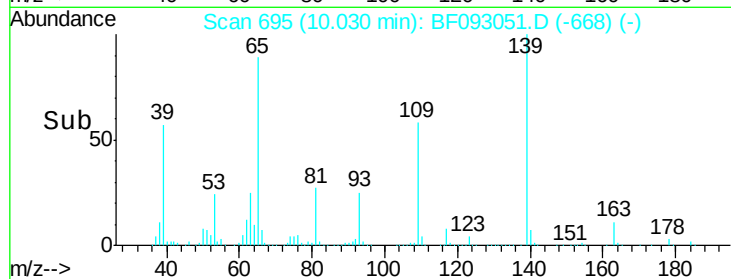
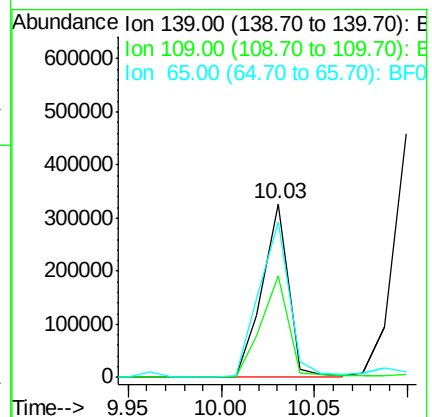
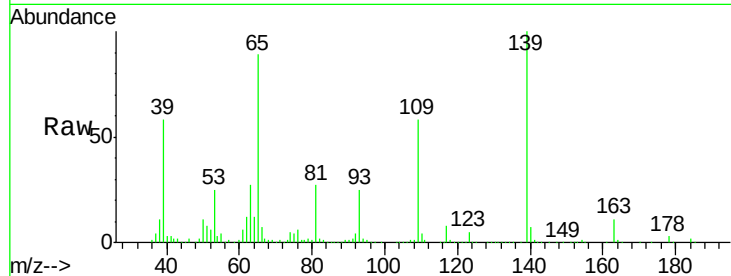
Tgt Ion:139 Resp: 321304

Ion Ratio Lower Upper

139 100

109 58.3 52.2 92.2

65 89.2 85.8 125.8



#56

2,4-Dinitrotoluene

Concen: 46.56 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Tgt Ion:165 Resp: 255759

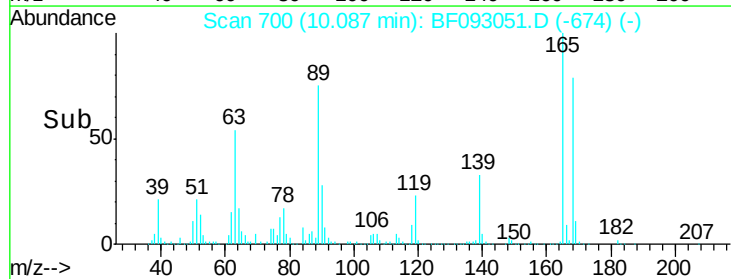
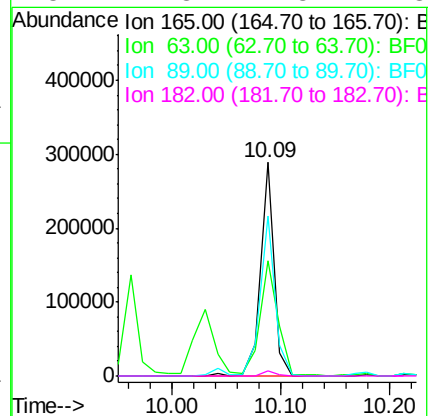
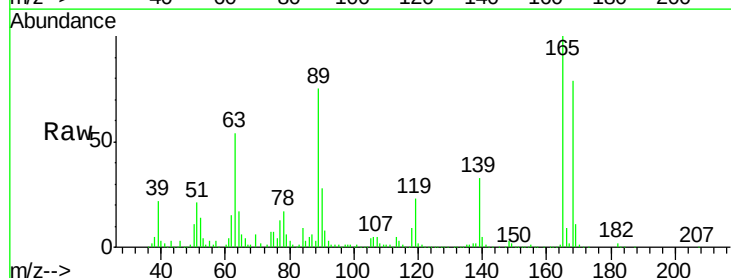
Ion Ratio Lower Upper

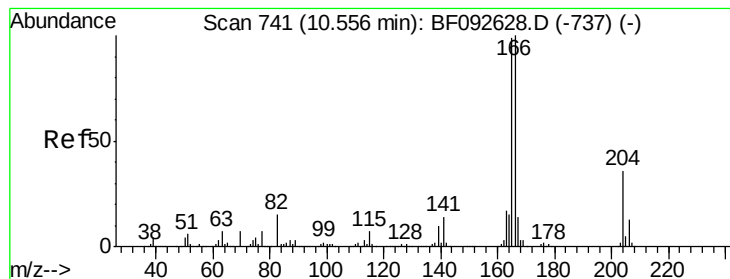
165 100

63 53.9 40.2 60.4

89 74.7 62.5 93.7

182 2.3 1.8 2.8





#57

Fluorene

Concen: 49.79 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

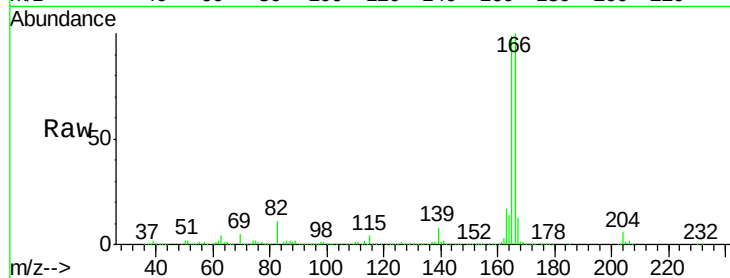
Tgt Ion:166 Resp: 850290

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

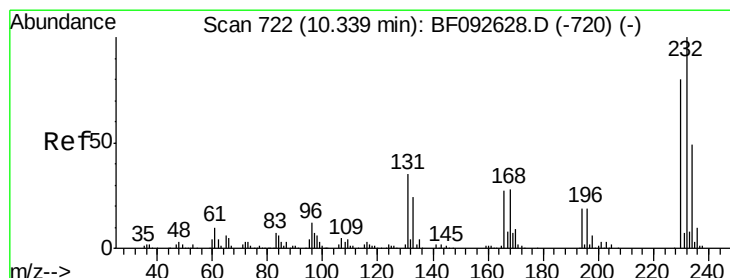
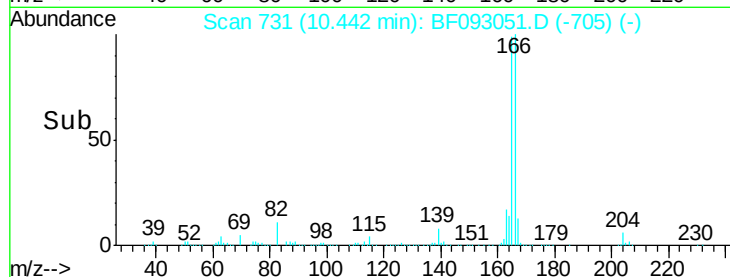
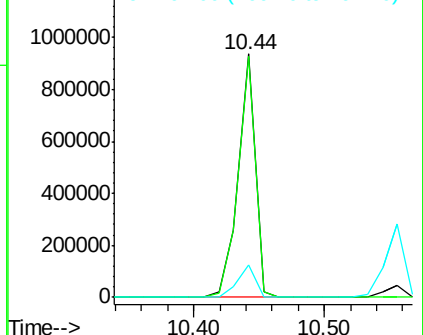
167 13.3 10.8 16.2



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: 53.10 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Tgt Ion:232 Resp: 203068

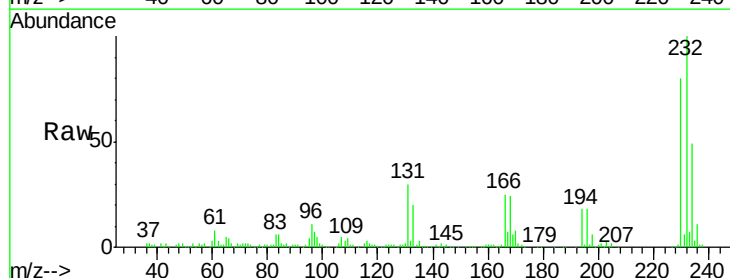
Ion Ratio Lower Upper

232 100

131 45.7 40.1 60.1

130 2.1 1.8 2.8

166 31.2 26.6 39.8

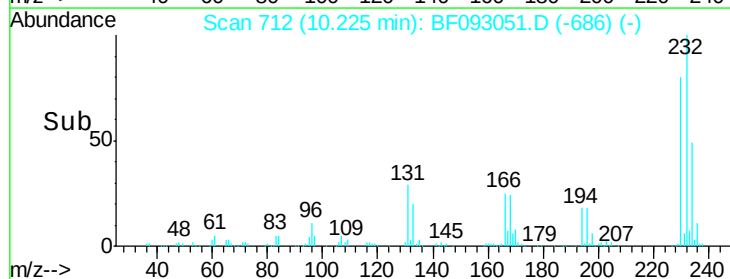
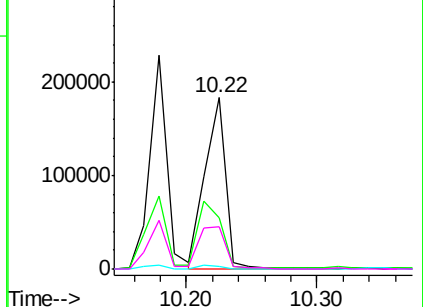


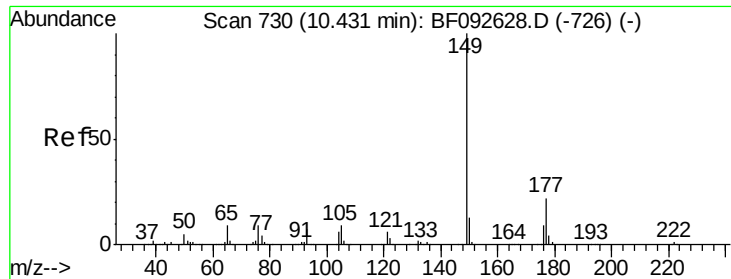
Abundance Ion 232.00 (231.70 to 232.70): E

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

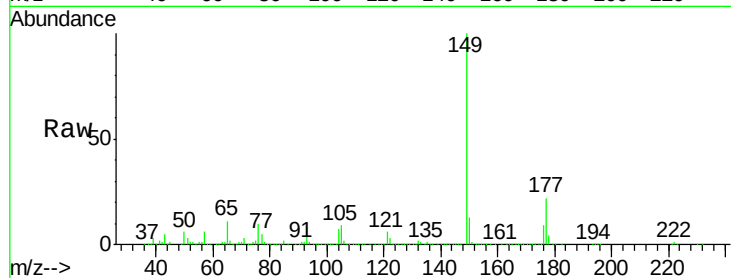




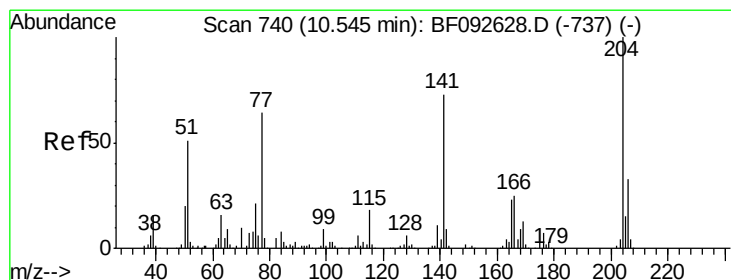
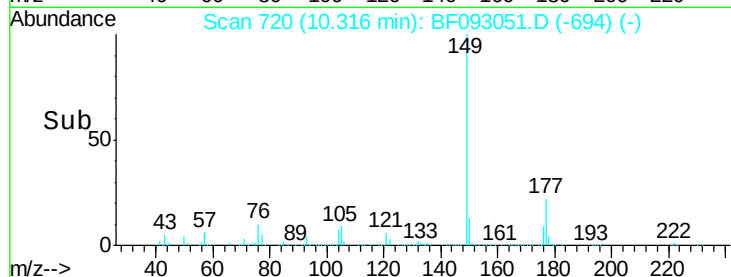
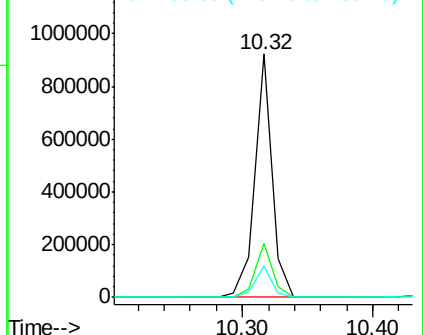
#59
Diethylphthalate
Concen: 47.35 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tgt Ion:149 Resp: 852659
Ion Ratio Lower Upper
149 100
177 22.1 16.6 25.0
150 12.9 10.4 15.6

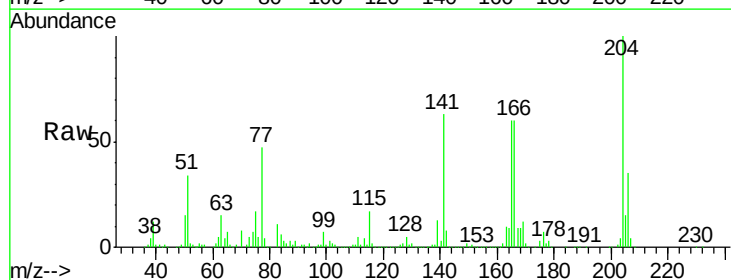


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

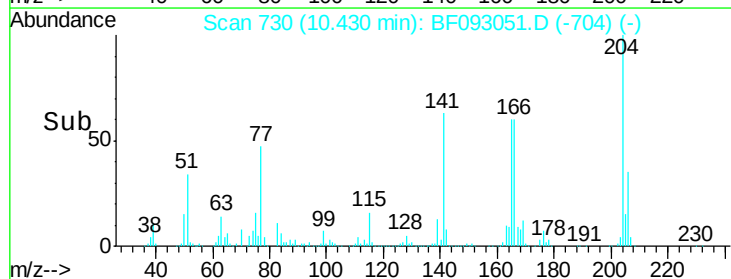
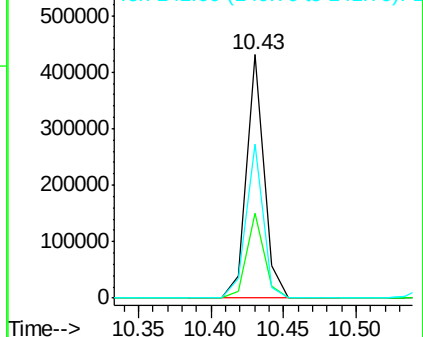


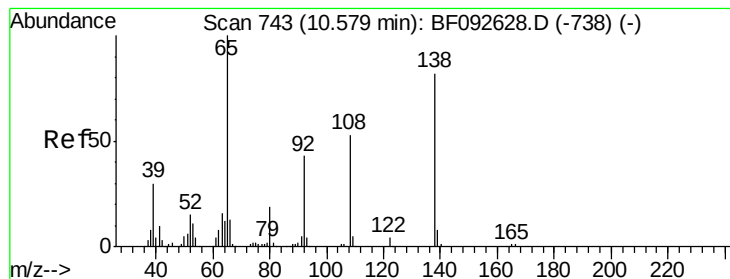
#60
4-Chlorophenyl-phenylether
Concen: 44.20 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion:204 Resp: 362584
Ion Ratio Lower Upper
204 100
206 34.7 25.8 38.6
141 63.1 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: 40.31 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

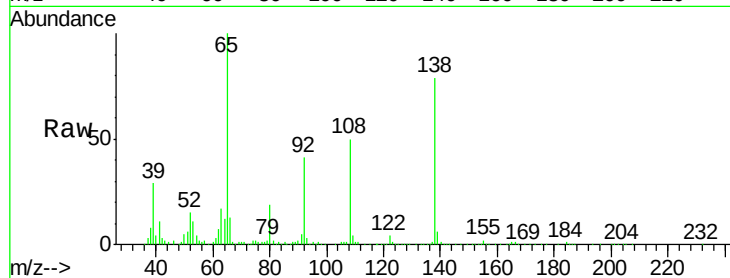
Tgt Ion:138 Resp: 194955

Ion Ratio Lower Upper

138 100

92 52.4 31.7 71.7

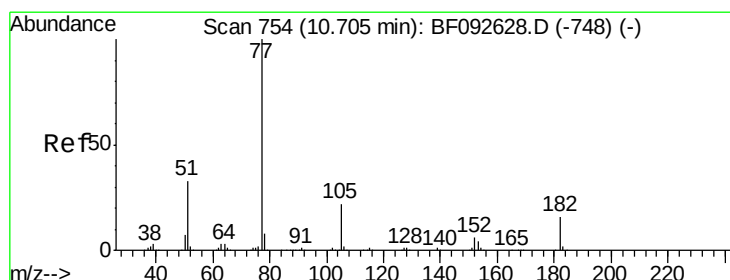
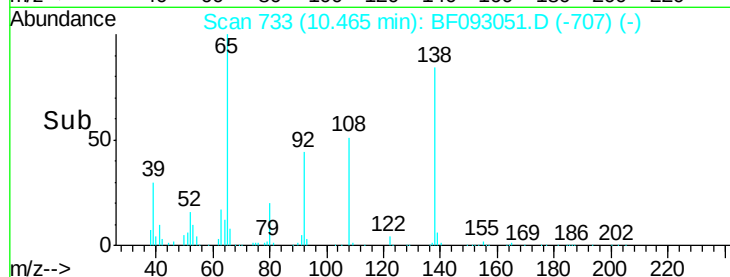
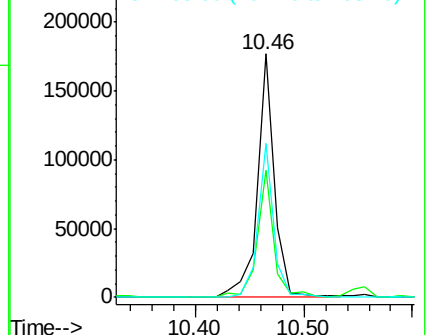
108 63.1 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.66 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Tgt Ion: 77 Resp: 960986

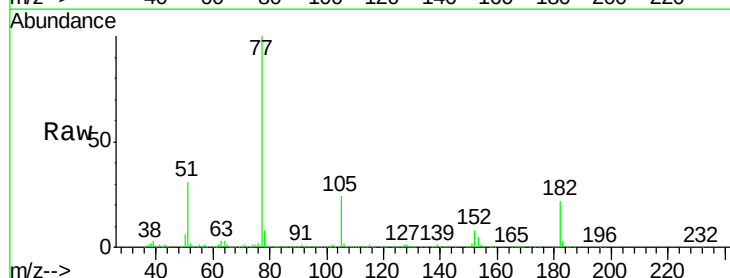
Ion Ratio Lower Upper

77 100

182 21.8 0.0 39.3

105 23.6 2.3 42.3

51 31.1 8.9 48.9

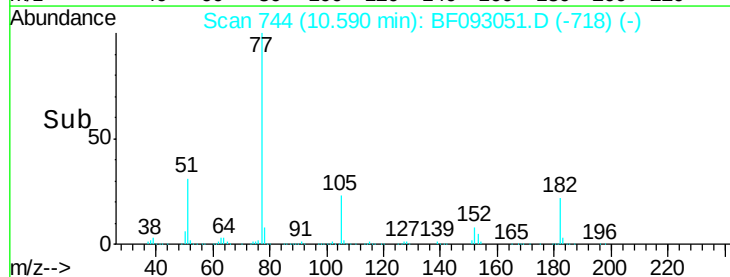
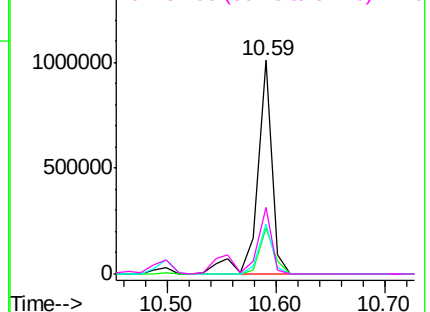


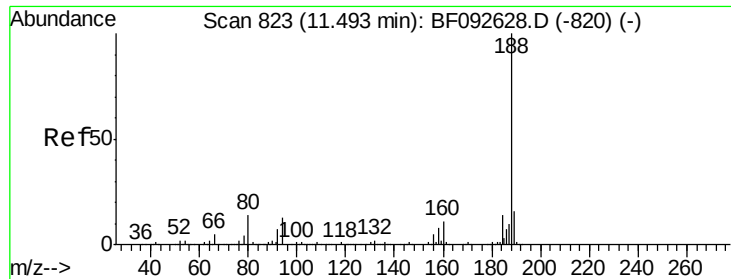
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

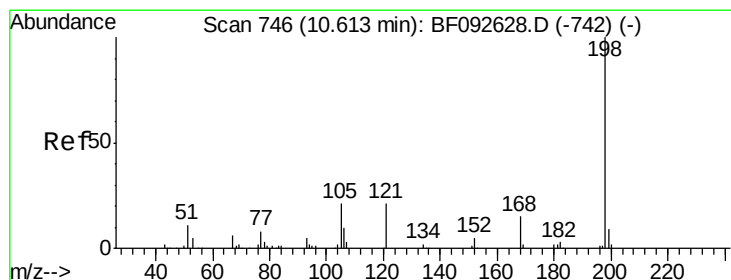
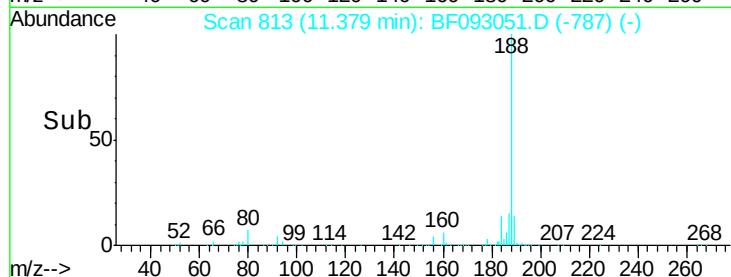
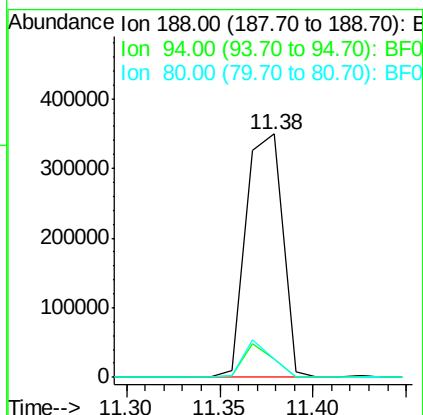
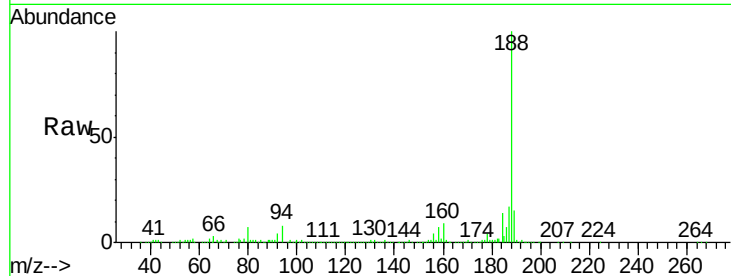




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

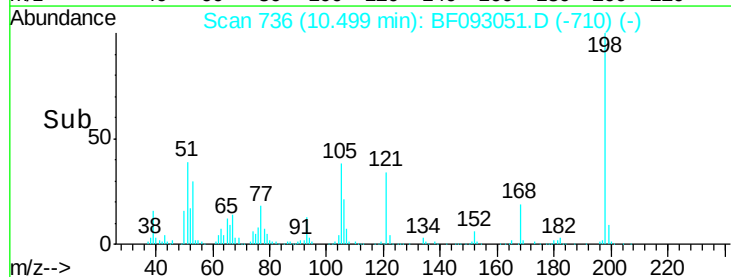
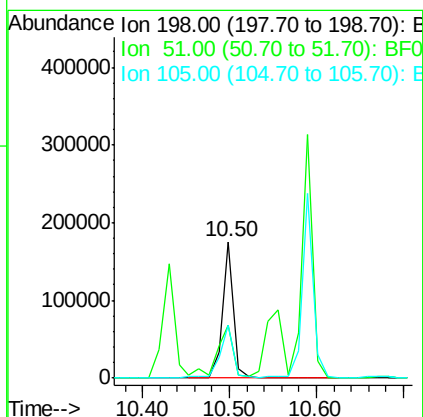
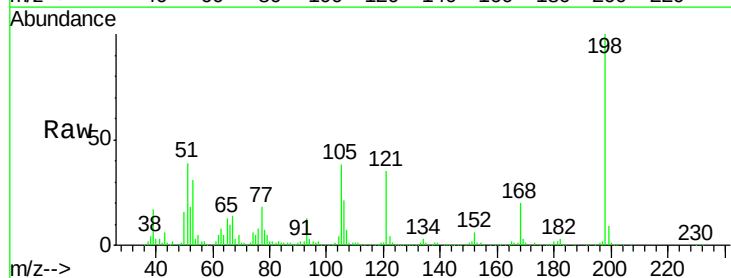
Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

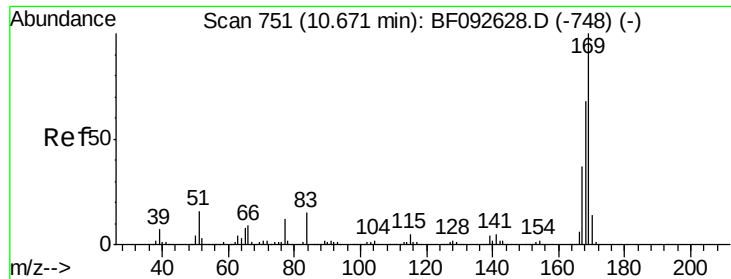
Tgt Ion:188 Resp: 476643
Ion Ratio Lower Upper
188 100
94 7.7 10.0 15.0#
80 7.5 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 53.62 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion:198 Resp: 156539
Ion Ratio Lower Upper
198 100
51 39.2 6.7 46.7
105 38.4 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 50.44 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

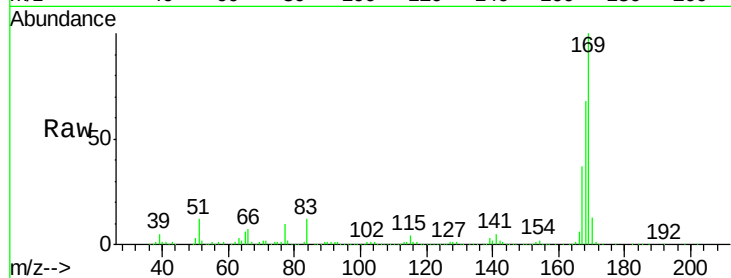
Tgt Ion:169 Resp: 768056

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.2

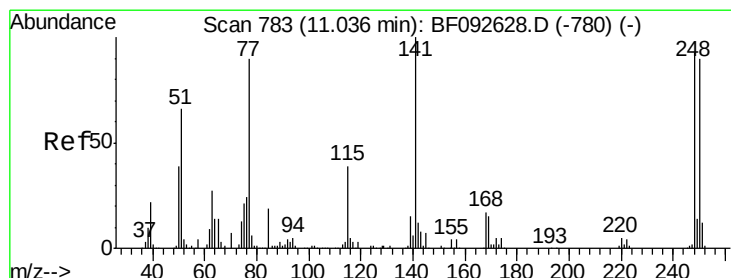
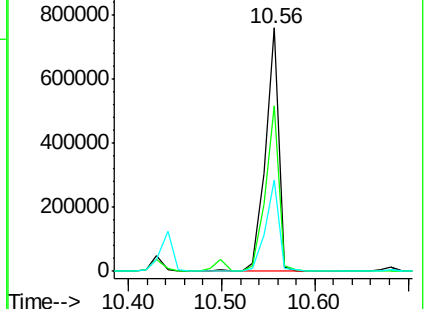
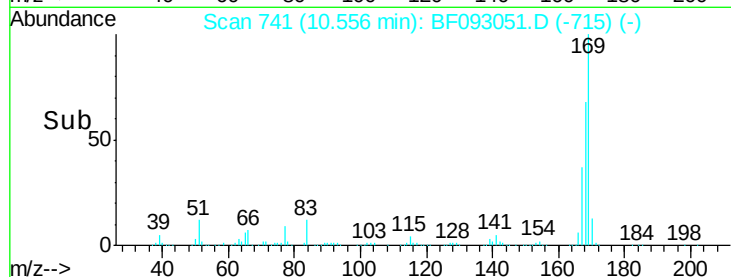
167 37.2 30.2 45.4



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: 46.53 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

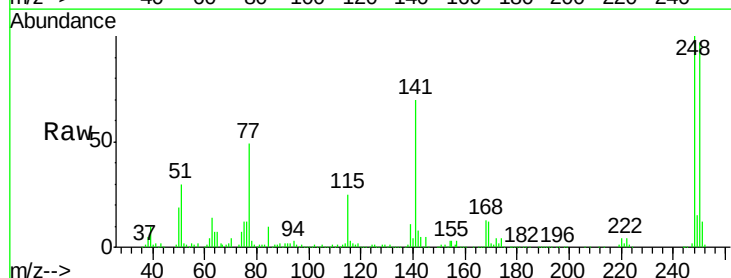
Tgt Ion:248 Resp: 231692

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

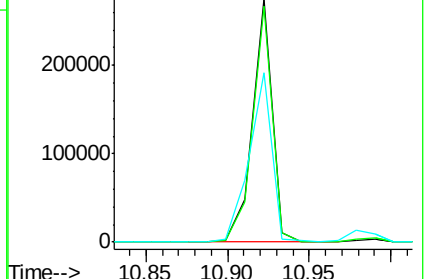
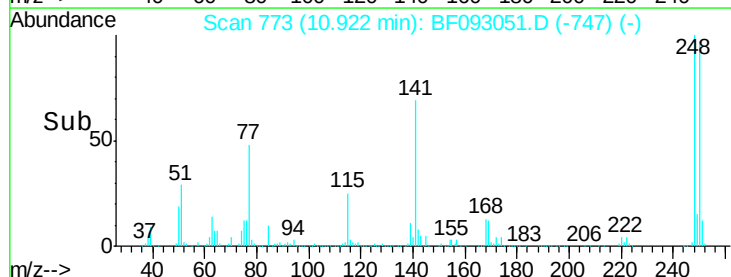
141 69.8 68.2 102.4

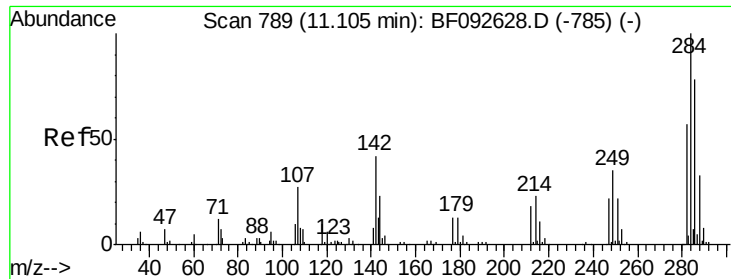


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

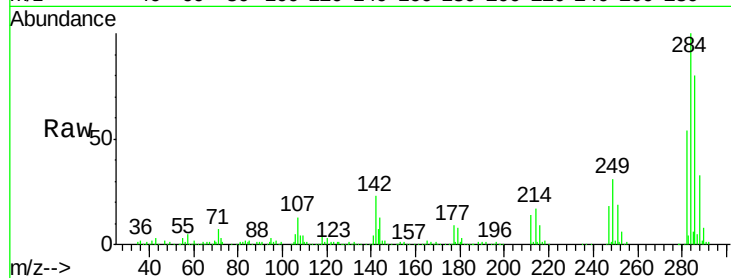




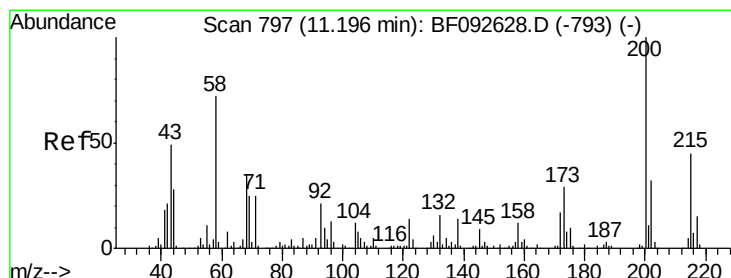
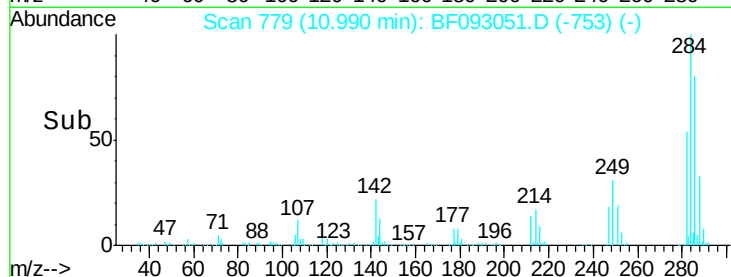
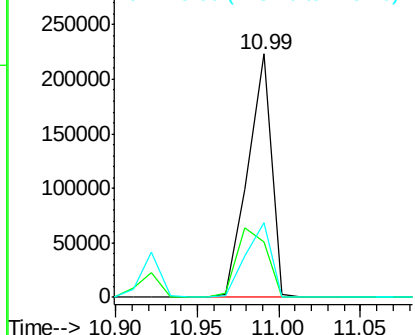
#67
Hexachlorobenzene
Concen: 45.75 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tgt Ion:284 Resp: 225127
Ion Ratio Lower Upper
284 100
142 22.7 22.6 33.8
249 30.9 25.4 38.0

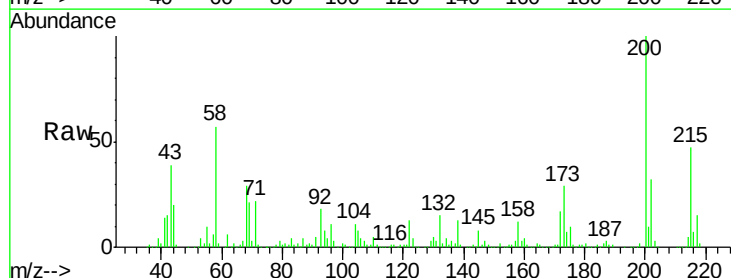


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

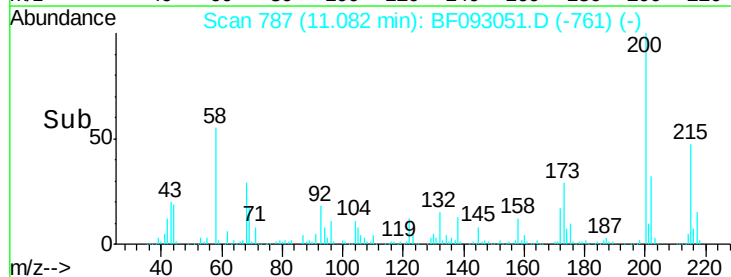
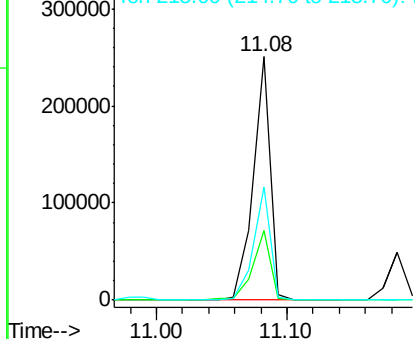


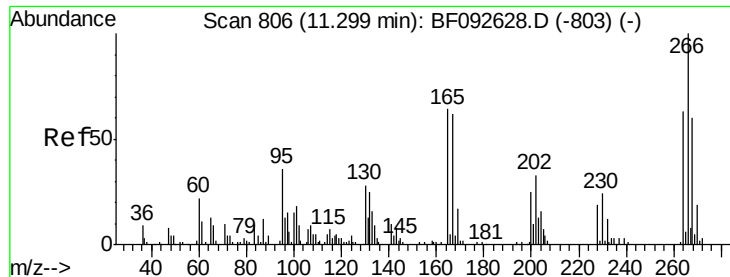
#68
Atrazine
Concen: 46.73 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion:200 Resp: 228346
Ion Ratio Lower Upper
200 100
173 28.6 9.6 49.6
215 46.6 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

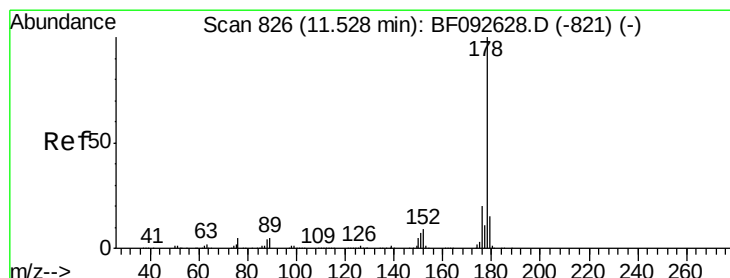
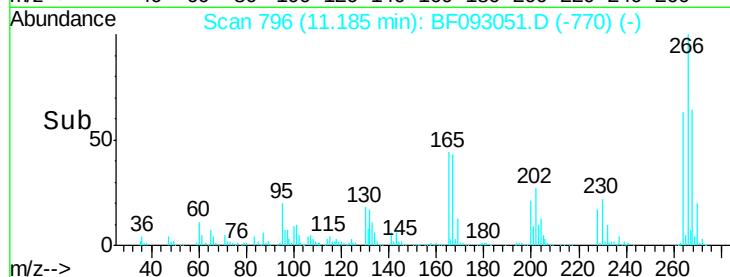
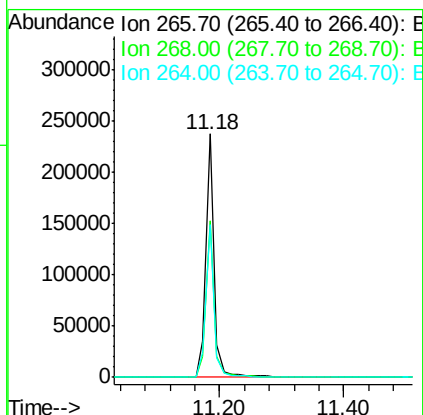
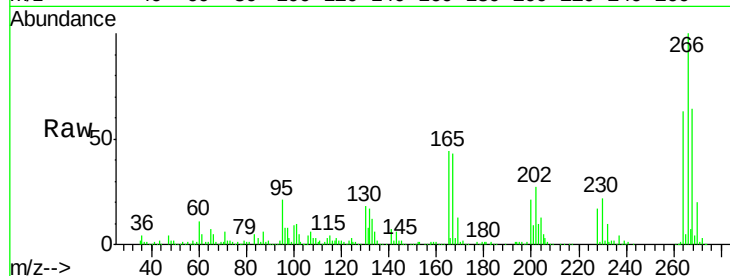




#69
 Pentachlorophenol
 Concen: 87.97 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

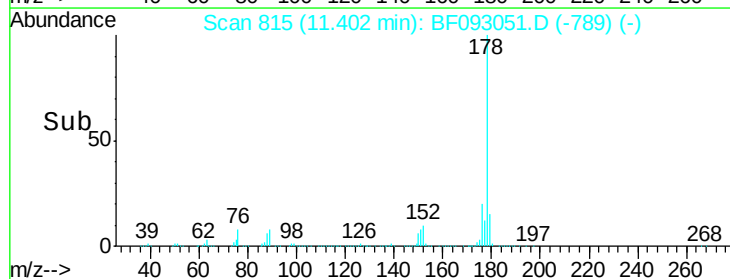
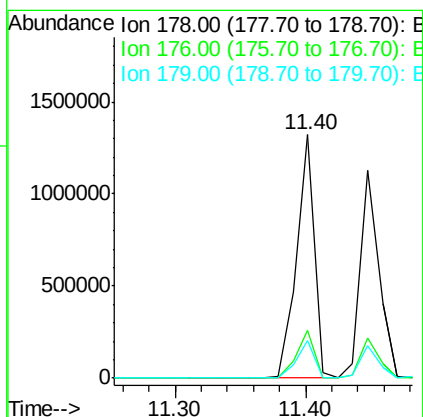
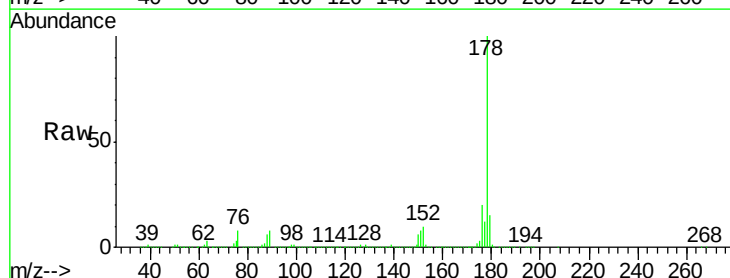
Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

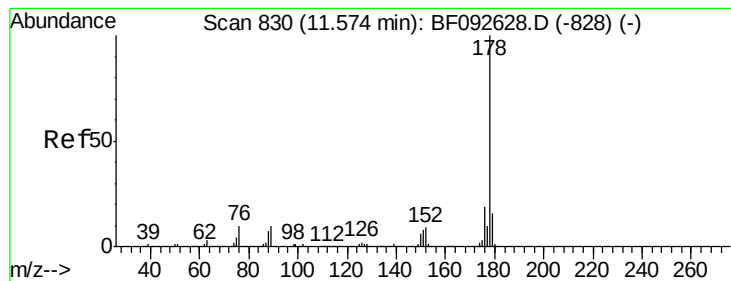
Tgt Ion: 266 Resp: 225483
 Ion Ratio Lower Upper
 266 100
 268 64.1 53.3 79.9
 264 62.7 50.3 75.5



#70
 Phenanthrene
 Concen: 46.10 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion: 178 Resp: 1258923
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.5 12.8 19.2





#71

Anthracene

Concen: 40.61 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

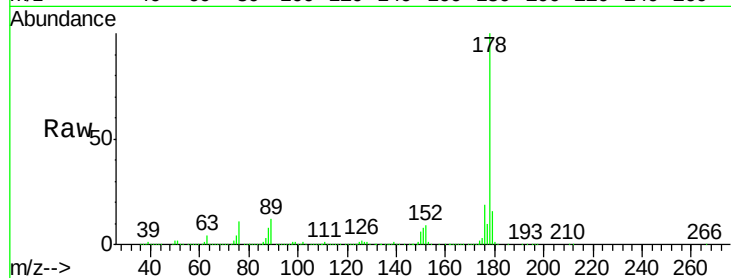
Tgt Ion:178 Resp: 1113682

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

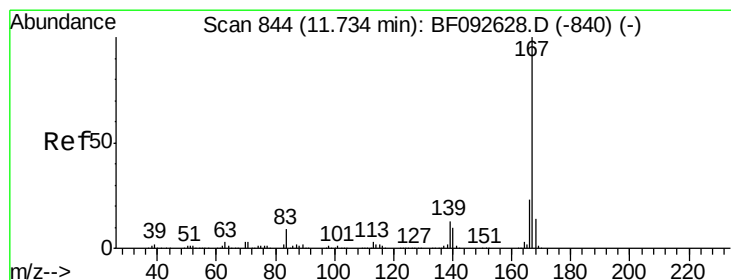
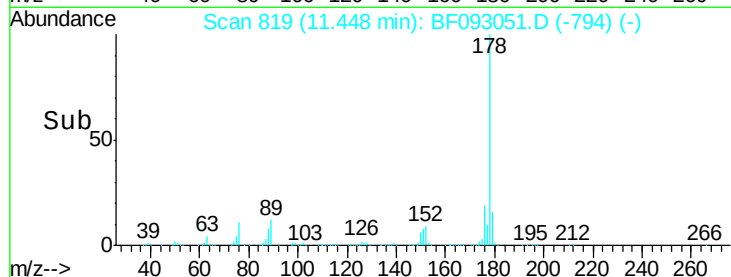
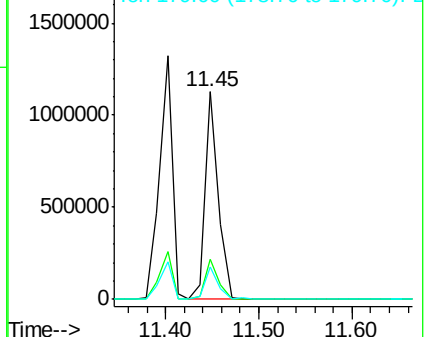
179 15.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.02 ng

RT: 11.61 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

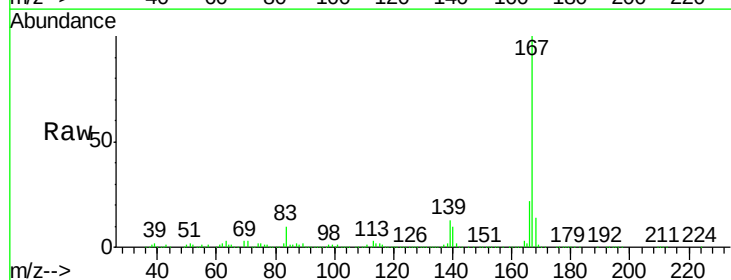
Tgt Ion:167 Resp: 1023000

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

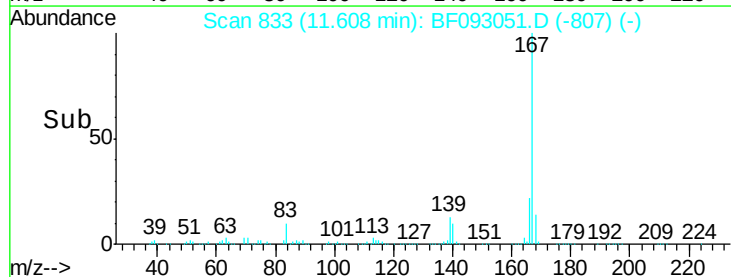
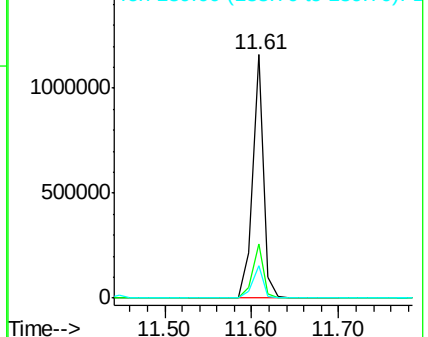
139 13.1 11.4 17.2

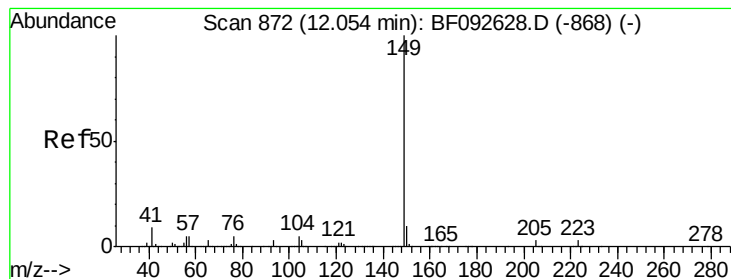


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.42 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

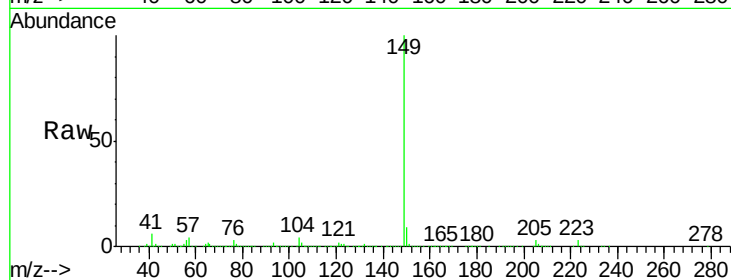
Tgt Ion:149 Resp: 1372640

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

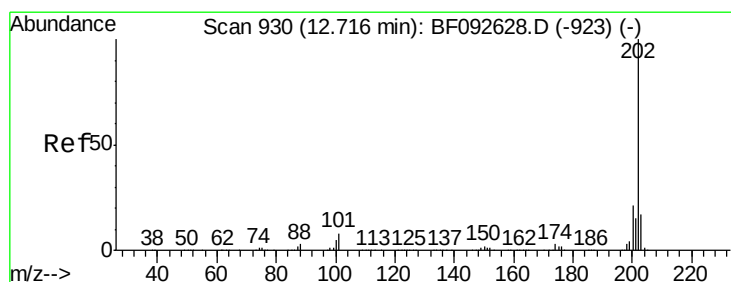
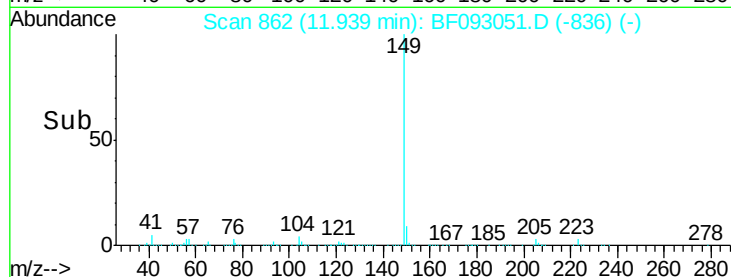
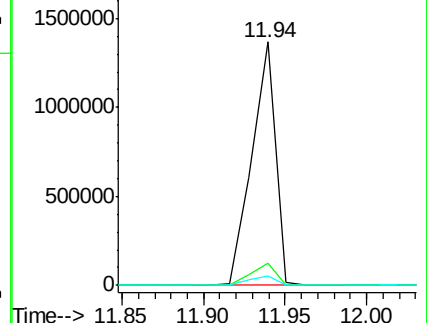
104 3.8 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.13 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

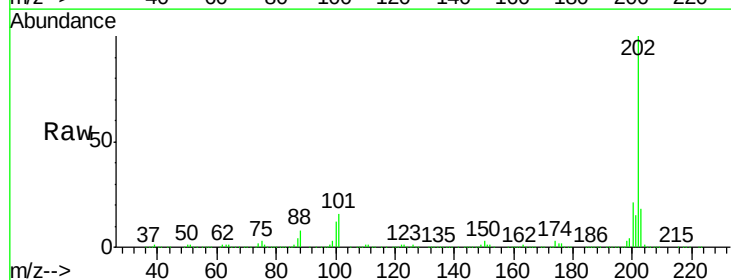
Tgt Ion:202 Resp: 1102331

Ion Ratio Lower Upper

202 100

101 16.3 0.0 34.6

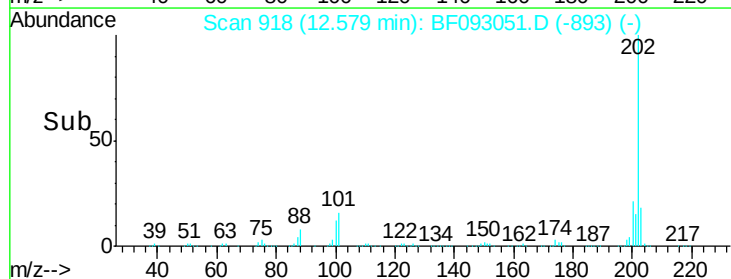
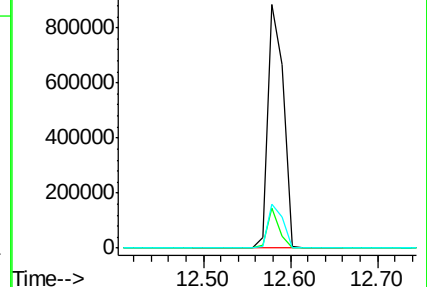
203 17.8 0.0 38.7

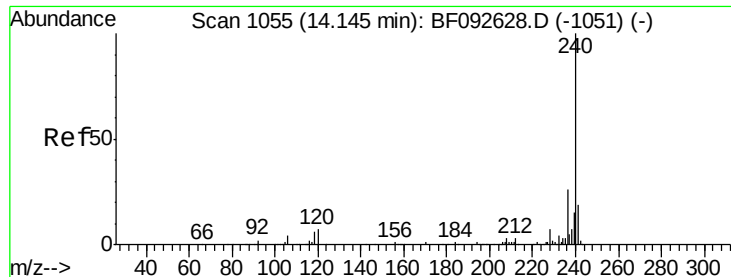


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

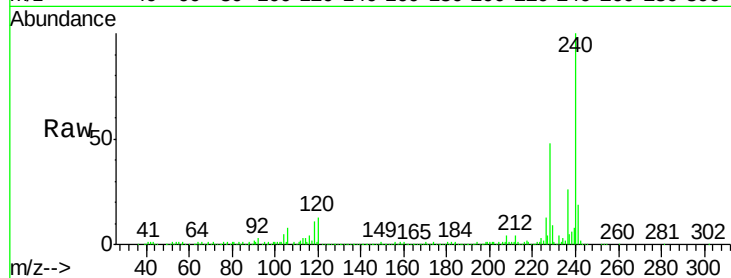
Tgt Ion:240 Resp: 306195

Ion Ratio Lower Upper

240 100

120 12.7 12.9 19.3#

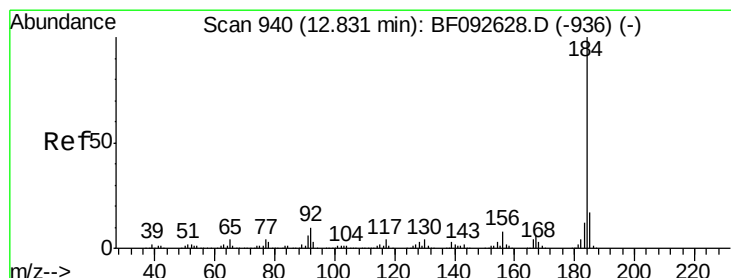
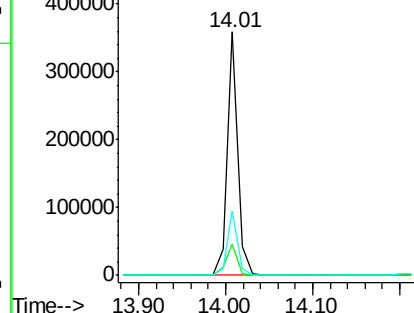
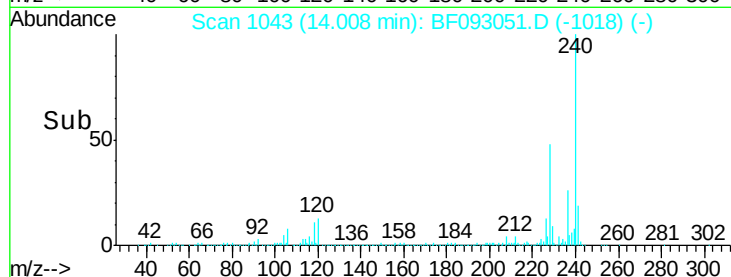
236 26.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.69 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

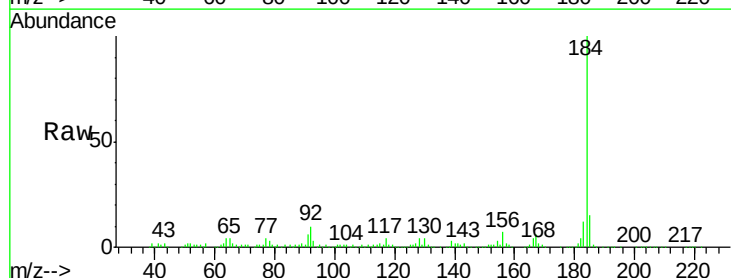
Tgt Ion:184 Resp: 217755

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.0

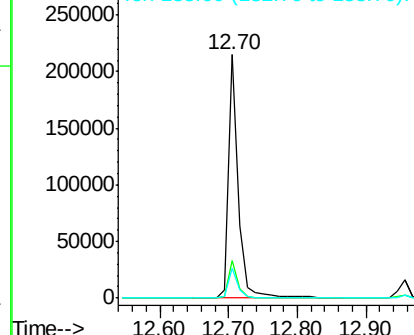
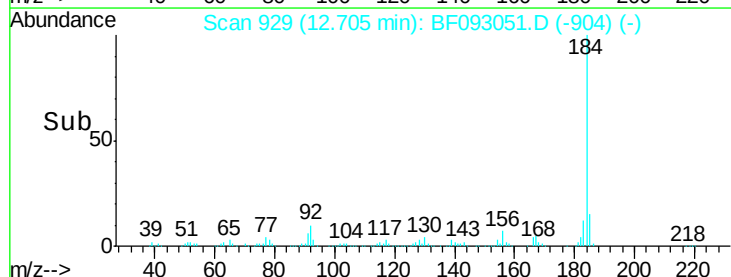
183 12.1 9.2 13.8

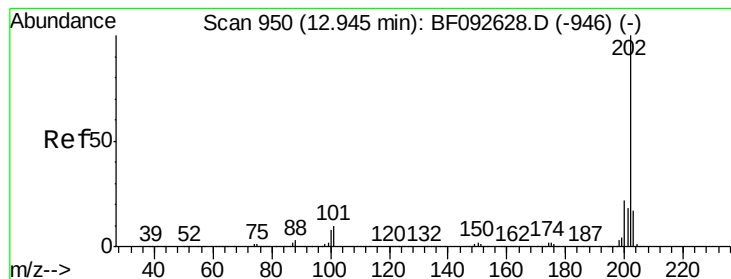


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.94 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

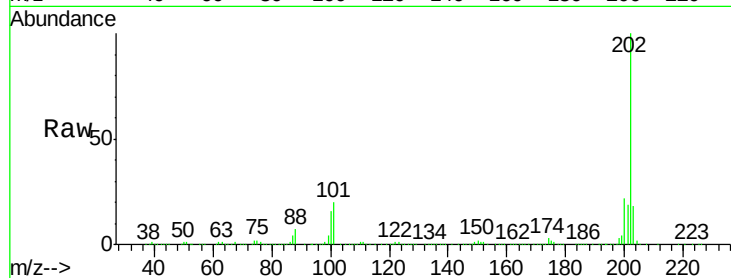
Tgt Ion:202 Resp: 1029879

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

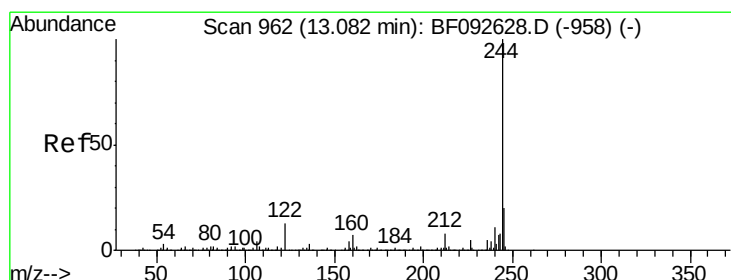
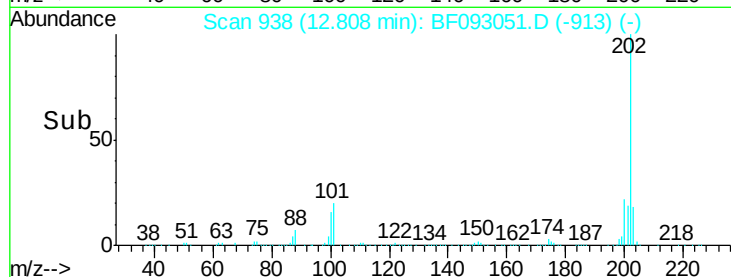
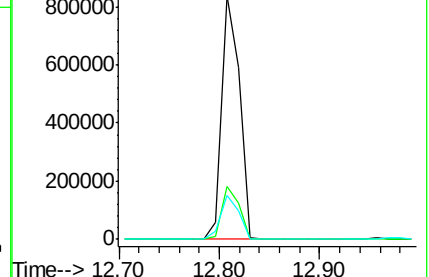
203 18.1 14.7 22.1



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: 85.65 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

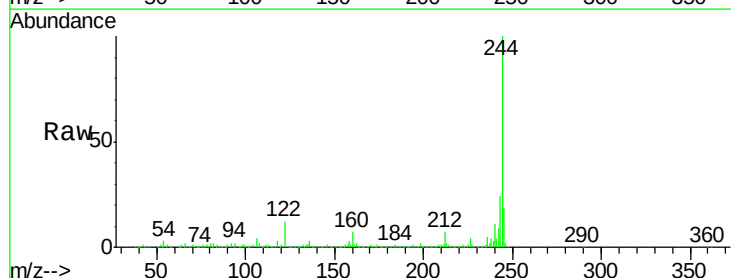
Tgt Ion:244 Resp: 1116086

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

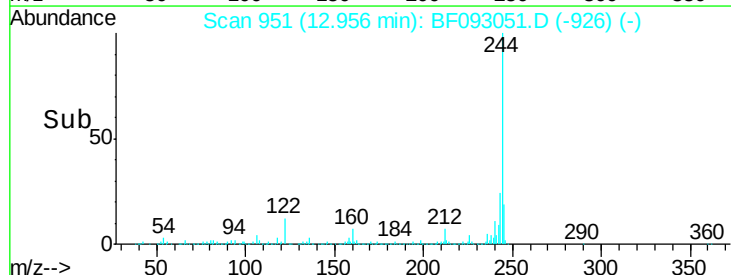
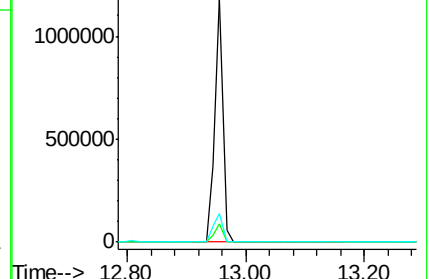
122 11.9 11.4 17.2

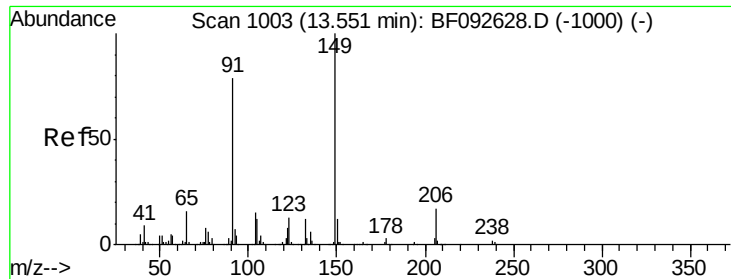


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

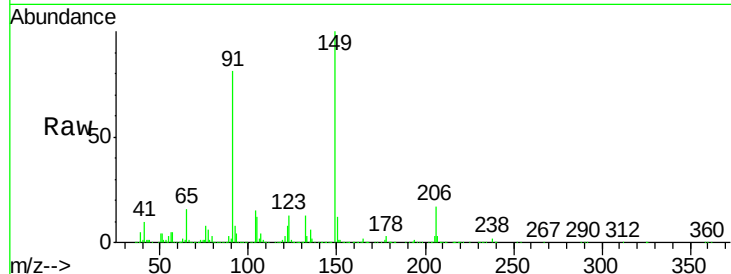




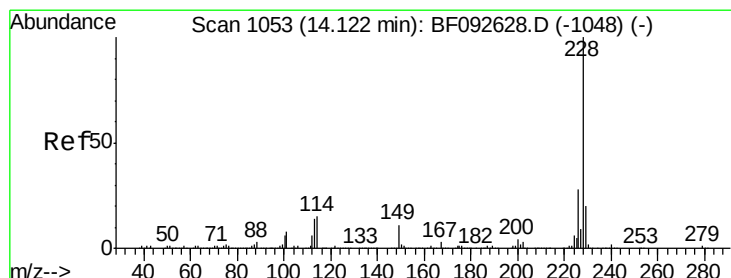
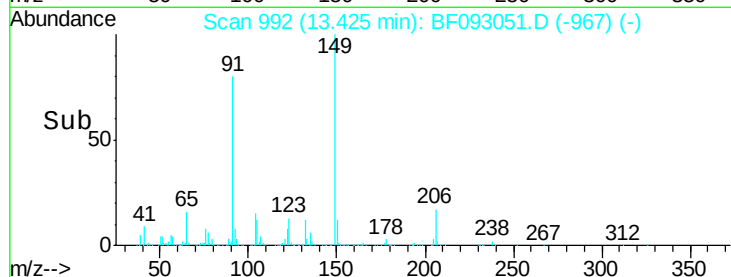
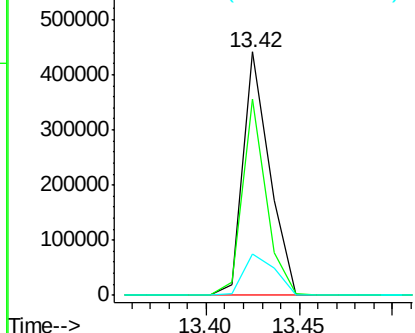
#79
Butylbenzylphthalate
Concen: 46.69 ng
RT: 13.42 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

Tgt Ion:149 Resp: 434475
Ion Ratio Lower Upper
149 100
91 80.5 63.9 95.9
206 16.9 14.6 21.8

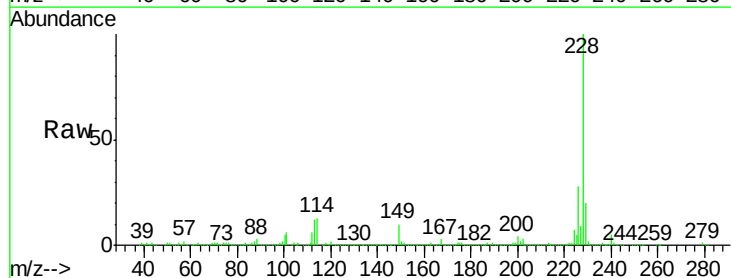


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

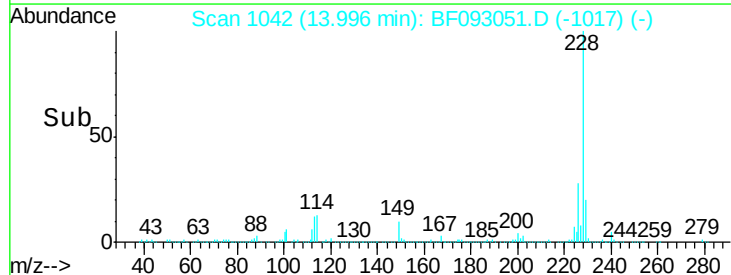
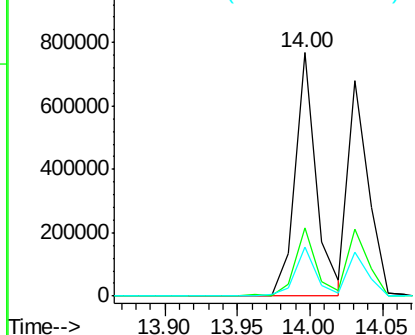


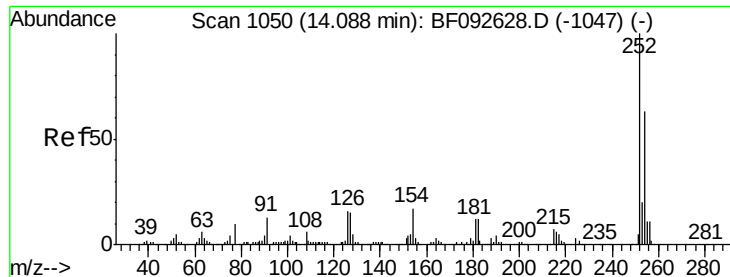
#80
Benzo(a)anthracene
Concen: 41.28 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion:228 Resp: 773100
Ion Ratio Lower Upper
228 100
226 27.8 22.4 33.6
229 20.0 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

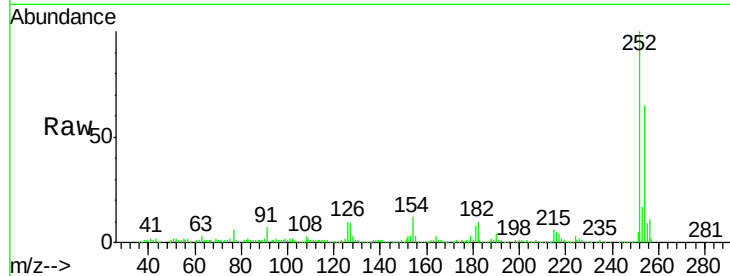




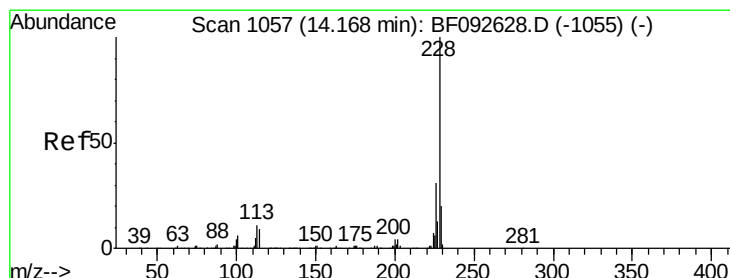
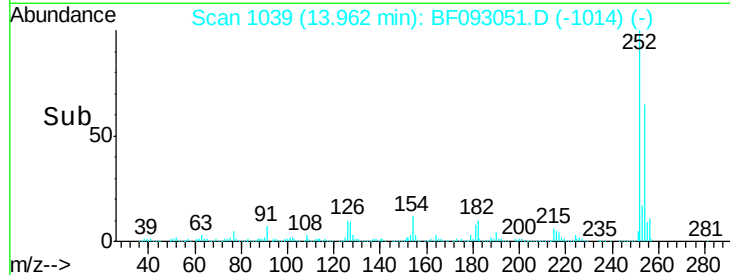
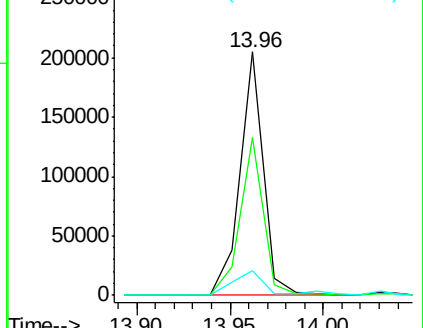
#81
 3,3'-Dichlorobenzidine
 Concen: 26.95 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

Tgt Ion: 252 Resp: 179898
 Ion Ratio Lower Upper
 252 100
 254 64.9 52.3 78.5
 126 9.9 13.6 20.4#

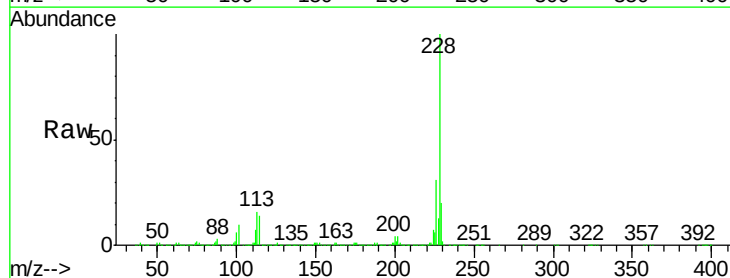


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

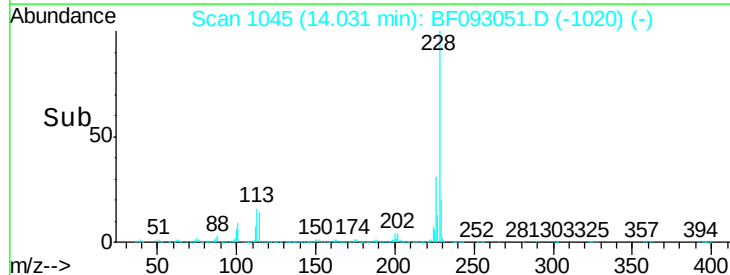
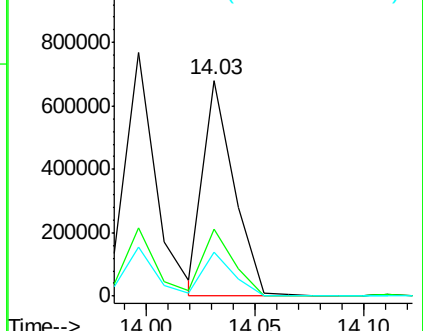


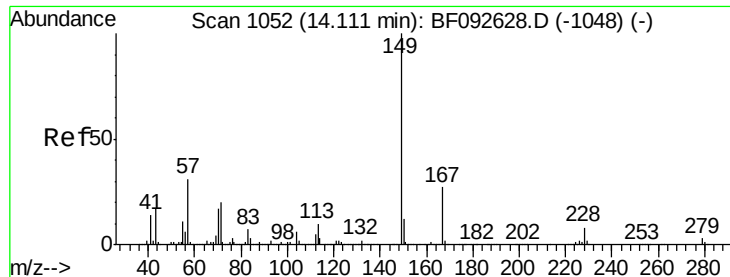
#82
 Chrysene
 Concen: 37.86 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion: 228 Resp: 663843
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 20.3 16.2 24.2



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

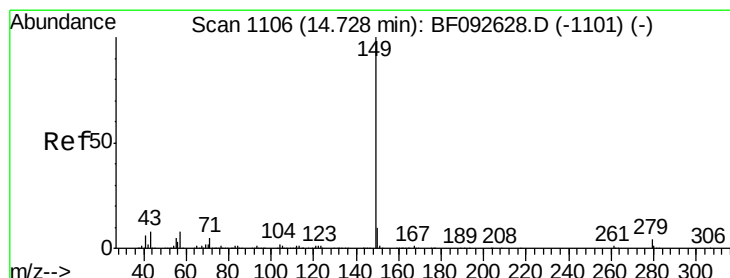
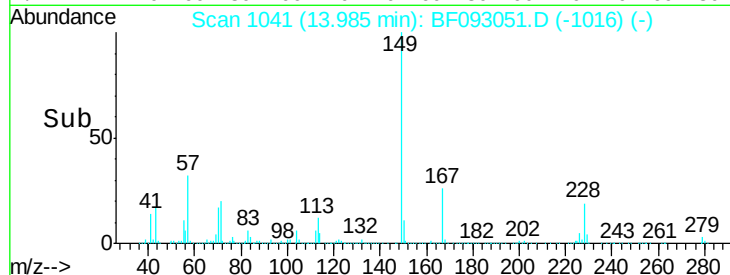
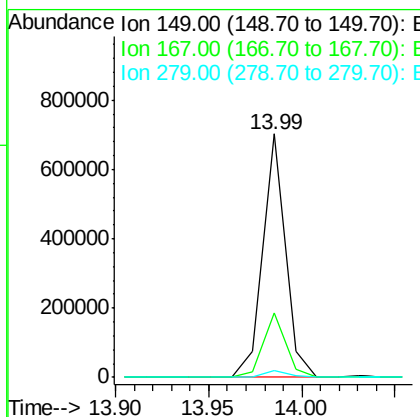
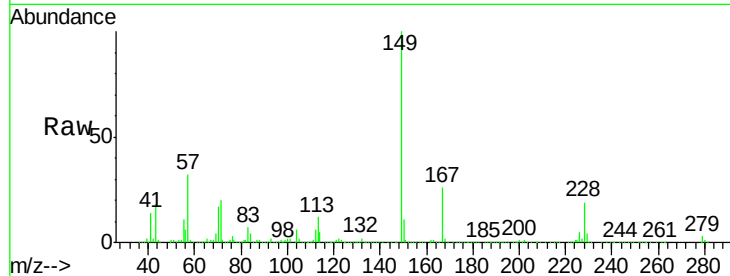




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.08 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

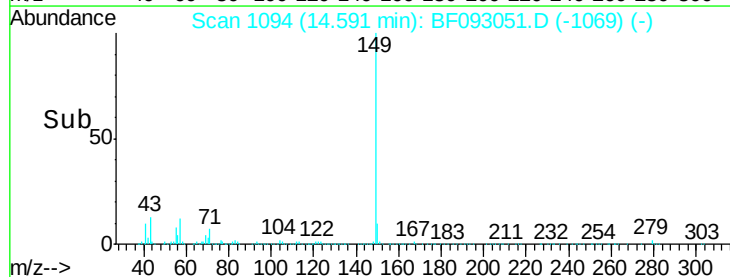
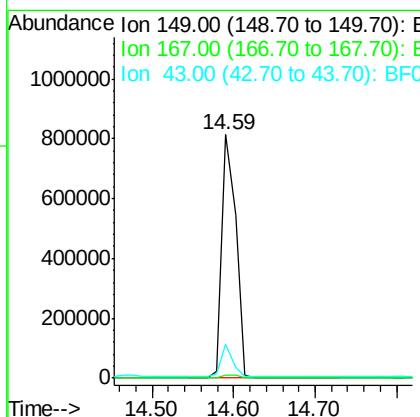
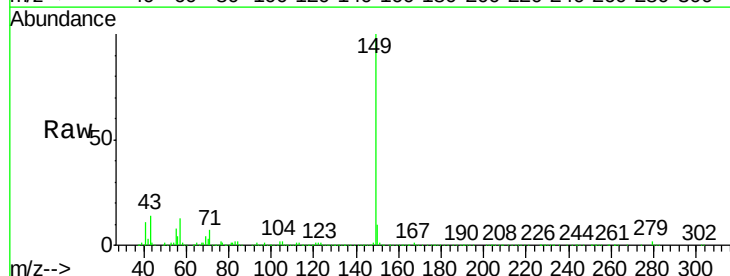
Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

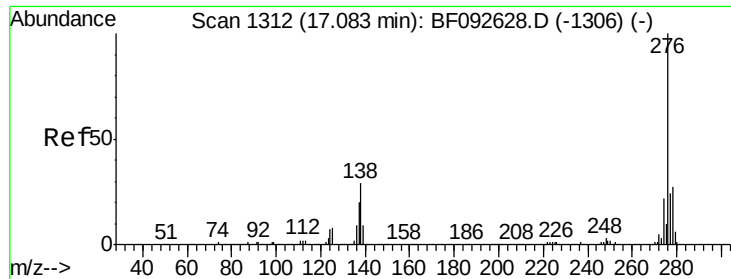
Tgt Ion:149 Resp: 586354
 Ion Ratio Lower Upper
 149 100
 167 26.5 20.2 30.4
 279 2.7 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 46.21 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion:149 Resp: 957600
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.1 8.9 13.3

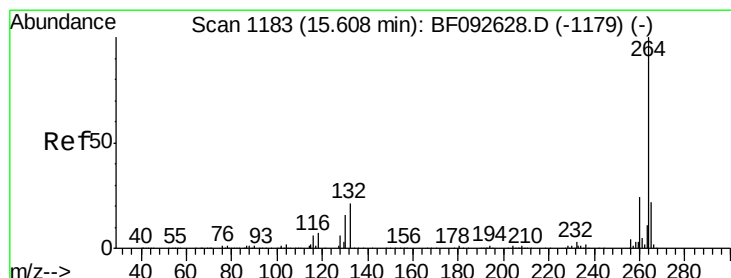
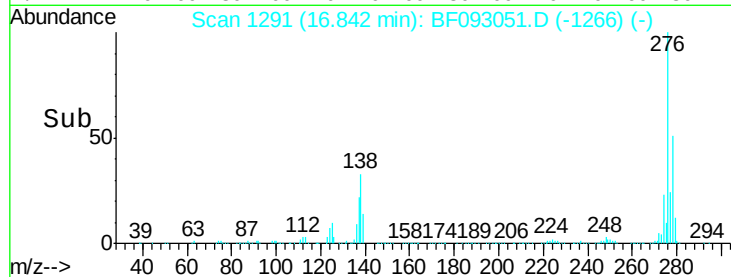
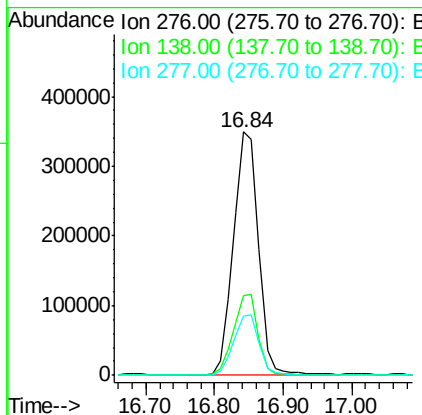
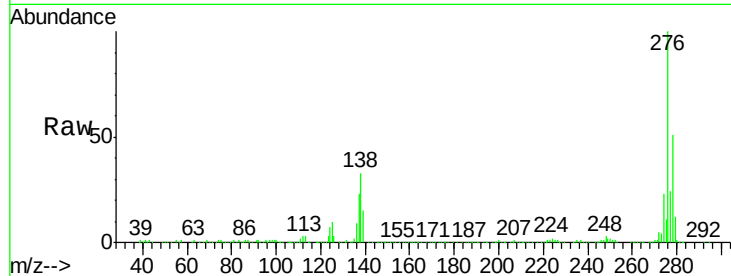




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 65.55 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

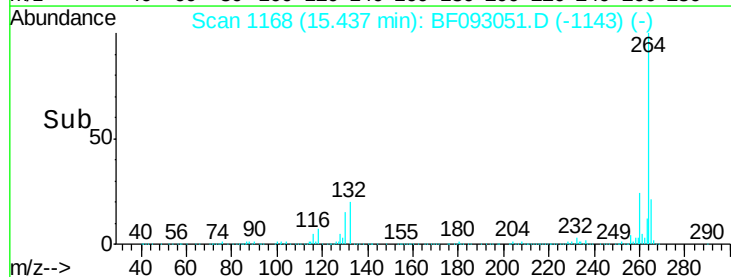
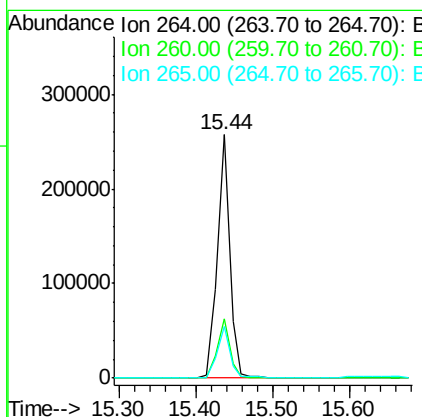
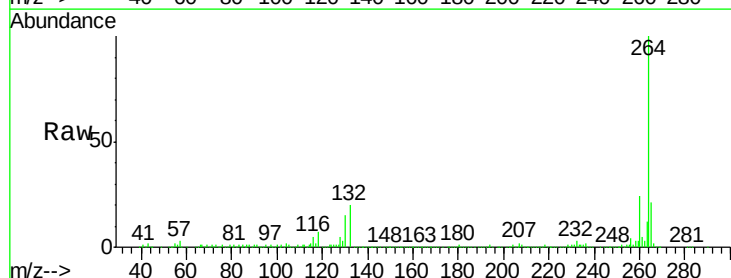
Instrument :
 BNA_F
 ClientSampleId :
 SP-ABCD-COMPMS

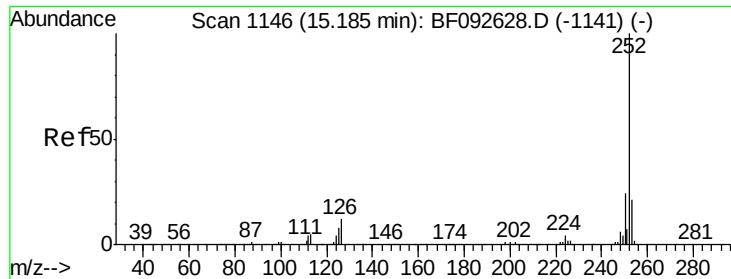
Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.9	21.8	32.6#
277	25.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF093051.D
 Acq: 21 Feb 2017 1:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.2	17.4	26.0

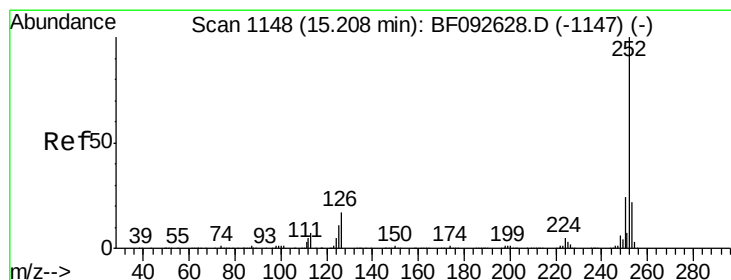
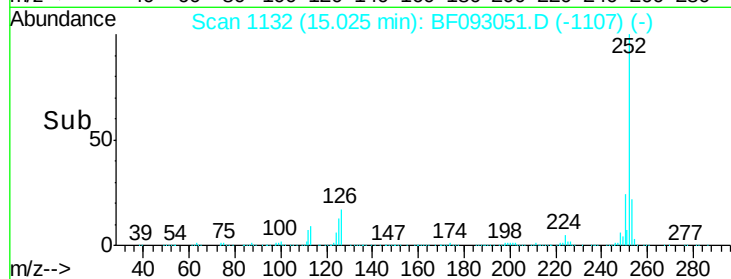
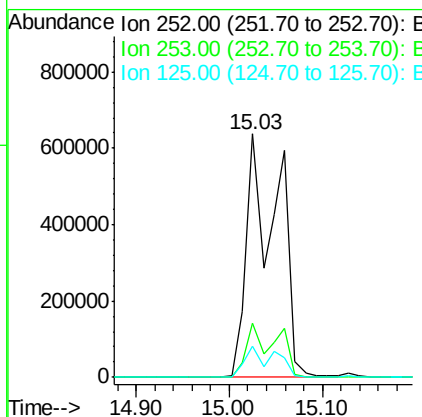
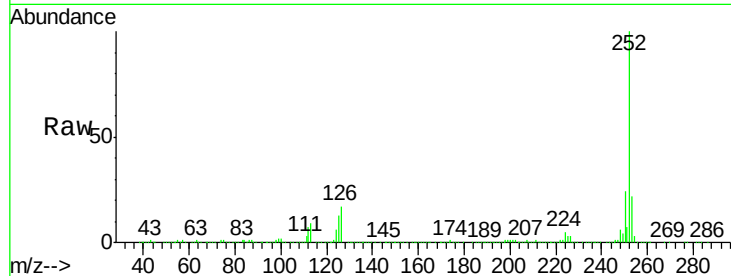




#87
Benzo(b)fluoranthene
Concen: 77.86 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

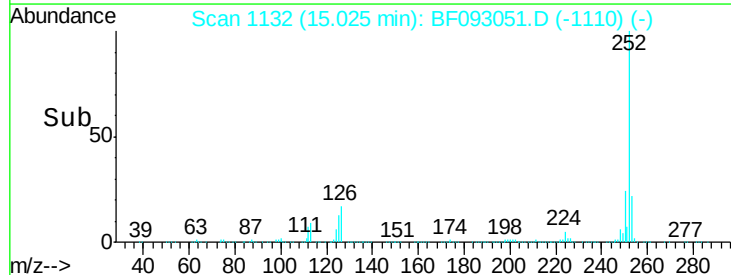
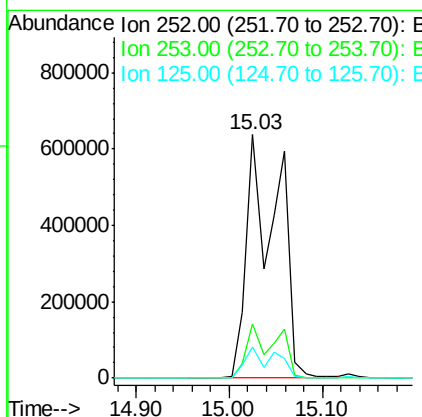
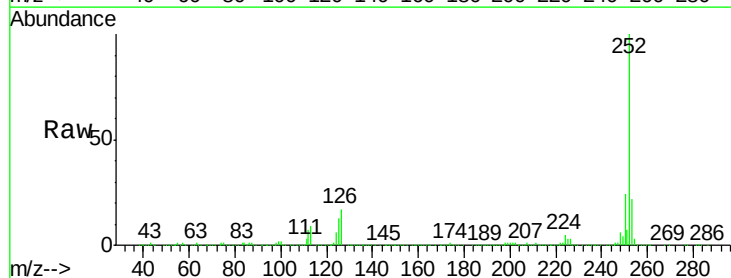
Instrument :
BNA_F
ClientSampleId :
SP-ABCD-COMPMS

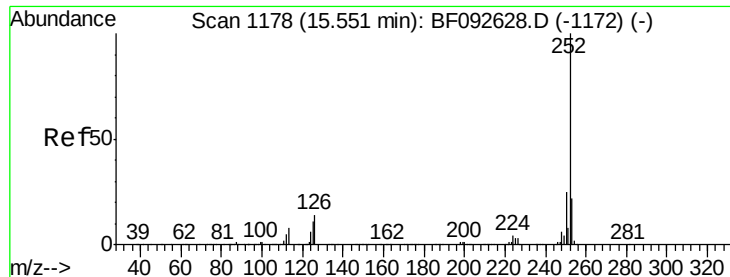
Tgt Ion:252 Resp: 1500245
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 13.0 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 90.17 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF093051.D
Acq: 21 Feb 2017 1:44

Tgt Ion:252 Resp: 1500245
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 13.0 8.9 13.3





#89

Benzo(a)pyrene

Concen: 44.64 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

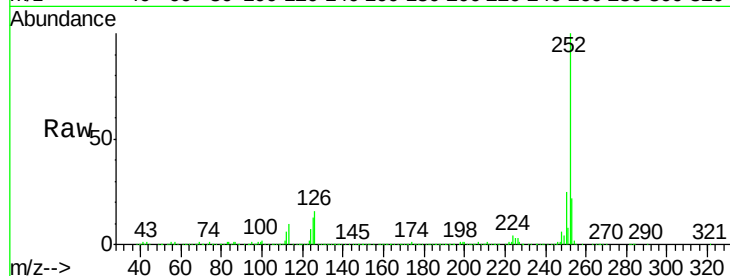
Tgt Ion:252 Resp: 744093

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

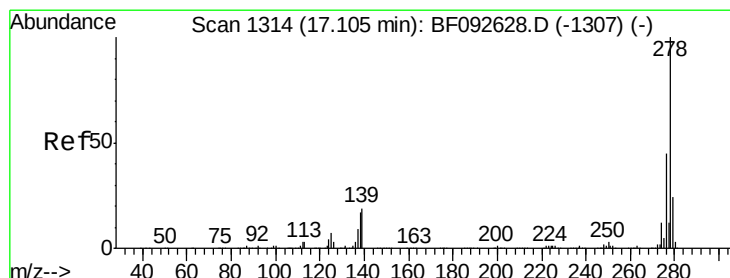
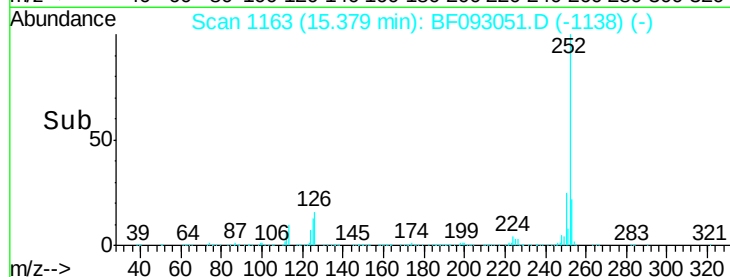
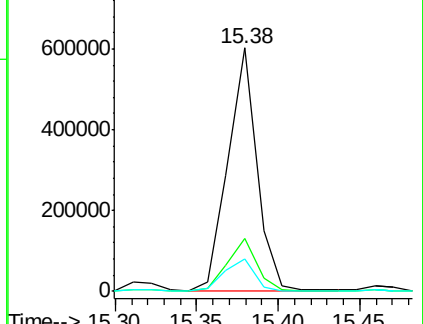
125 13.2 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 54.16 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

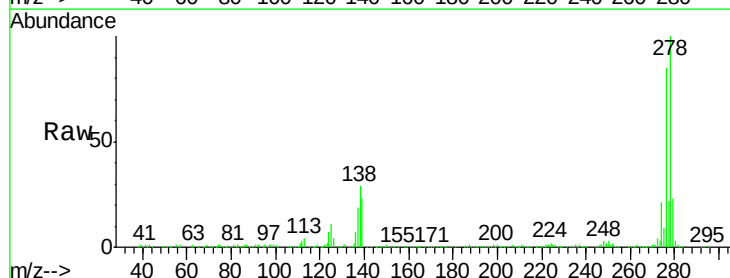
Tgt Ion:278 Resp: 729548

Ion Ratio Lower Upper

278 100

139 23.1 14.8 22.2#

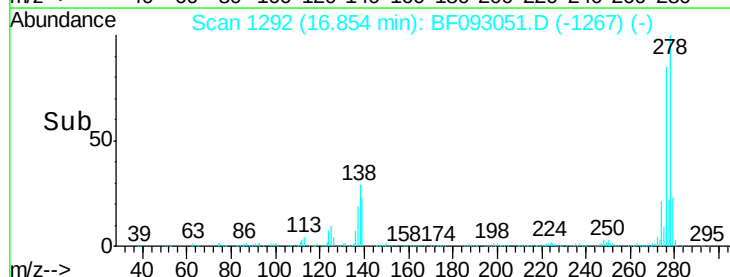
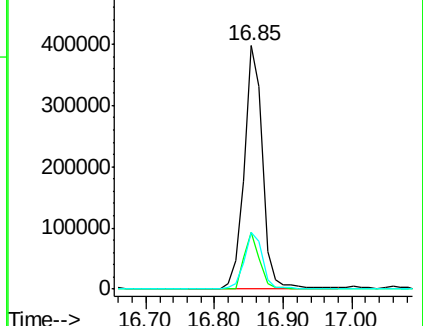
279 23.3 19.8 29.6

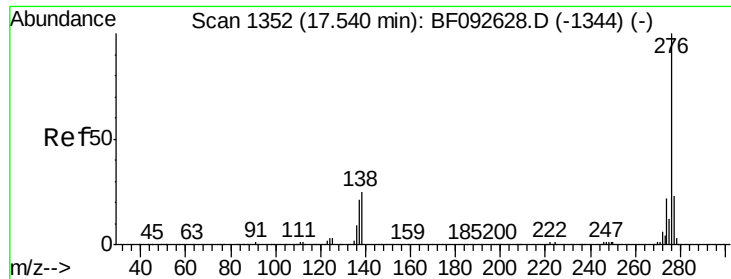


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 58.17 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF093051.D

Acq: 21 Feb 2017 1:44

Instrument :

BNA_F

ClientSampleId :

SP-ABCD-COMPMS

Tgt Ion: 276 Resp: 791714

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 30.1 16.0 24.0#

