

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092122.D
 Acq On : 6 Jan 2017 17:39
 Operator : UM/SJ
 Sample : I1025-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Quant Time: Jan 06 22:31:44 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	200634	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	859380	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	452019	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	722204	20.00	ng	0.00
75) Chrysene-d12	13.79	240	382799	20.00	ng	0.00
86) Perylene-d12	15.15	264	329920	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1650893	137.39	ng	0.02
7) Phenol-d6	6.31	99	1925015	131.22	ng	0.00
23) Nitrobenzene-d5	7.21	82	1352576	87.52	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	467003	124.84	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	2209074	102.84	ng	0.00
78) Terphenyl-d14	12.74	244	1382045	87.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.25	88	225885	38.18	ng	# 84
3) Pyridine	2.88	79	482141	23.35	ng	98
4) n-Nitrosodimethylamine	2.81	42	296289	38.04	ng	97
6) Aniline	6.31	93	146779	7.70	ng	# 45
8) 2-Chlorophenol	6.44	128	647708	47.39	ng	94
9) Benzaldehyde	6.18	77	48194	4.19	ng	90
10) Phenol	6.32	94	747017	44.69	ng	# 74
11) bis(2-Chloroethyl)ether	6.39	93	650624	48.91	ng	98
12) 1,3-Dichlorobenzene	6.58	146	659282	45.18	ng	97
13) 1,4-Dichlorobenzene	6.66	146	663367	44.67	ng	93
14) 1,2-Dichlorobenzene	6.81	146	612520	47.53	ng	99
15) Benzyl Alcohol	6.80	79	535936	47.02	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	942497	47.58	ng	78
17) 2-Methylphenol	6.93	107	538511	48.99	ng	95
18) Hexachloroethane	7.16	117	252131	45.79	ng	97
19) n-Nitroso-di-n-propylamine	7.08	70	526971	53.99	ng	91
20) 3+4-Methylphenols	7.09	107	736568	56.18	ng	# 73
22) Acetophenone	7.06	105	981064	46.28	ng	# 91
24) Nitrobenzene	7.24	77	772076	46.90	ng	91
25) Isophorone	7.48	82	1342767	47.09	ng	96
26) 2-Nitrophenol	7.56	139	374588	46.15	ng	# 79
27) 2,4-Dimethylphenol	7.61	122	589568	43.79	ng	93
28) bis(2-Chloroethoxy)methane	7.69	93	842107	48.70	ng	99
29) 2,4-Dichlorophenol	7.81	162	552345	48.45	ng	96
30) 1,2,4-Trichlorobenzene	7.88	180	569311	45.57	ng	97
31) Naphthalene	7.96	128	1920579	48.83	ng	98
32) Benzoic acid	7.76	122	457907	45.85	ng	# 86
33) 4-Chloroaniline	8.01	127	82212	4.64	ng	95
34) Hexachlorobutadiene	8.07	225	281899	42.75	ng	100
35) Caprolactam	8.39	113	105416	28.14	ng	# 83
36) 4-Chloro-3-methylphenol	8.52	107	615883	46.95	ng	97
37) 2-Methylnaphthalene	8.64	142	1191458	53.73	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	538403	47.14	ng	99
40) Hexachlorocyclopentadiene	8.80	237	474922	92.71	ng	99

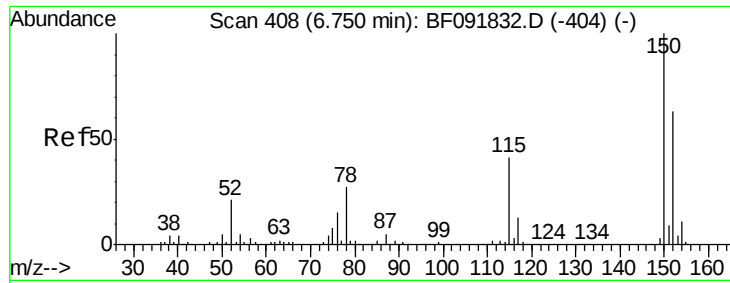
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	358063	44.83	ng	96
43) 2,4,5-Trichlorophenol	8.98	196	393872	47.92	ng #	87
45) 1,1'-Biphenyl	9.11	154	1577506	50.97	ng	98
46) 2-Chloronaphthalene	9.13	162	1191743	48.62	ng	99
47) 2-Nitroaniline	9.24	65	409690	46.95	ng	94
48) Acenaphthylene	9.54	152	1830318	48.56	ng	99
49) Dimethylphthalate	9.42	163	1316086	45.52	ng	99
50) 2,6-Dinitrotoluene	9.48	165	279500	44.17	ng #	67
51) Acenaphthene	9.72	154	1168235	45.71	ng	99
52) 3-Nitroaniline	9.65	138	49657	6.34	ng	87
53) 2,4-Dinitrophenol	9.76	184	372698	105.85	ng #	89
54) Dibenzofuran	9.89	168	1555685	45.08	ng	98
55) 4-Nitrophenol	9.84	139	430768	81.02	ng #	79
56) 2,4-Dinitrotoluene	9.89	165	400612	50.44	ng	94
57) Fluorene	10.23	166	1253340	49.92	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	327961	50.45	ng	98
59) Diethylphthalate	10.12	149	1313672	46.79	ng	99
60) 4-Chlorophenyl-phenylether	10.22	204	505924	46.02	ng	97
61) 4-Nitroaniline	10.26	138	333603	41.11	ng	88
62) Azobenzene	10.38	77	1517809	49.10	ng	98
64) 4,6-Dinitro-2-methylphenol	10.29	198	219200	50.19	ng #	38
65) n-Nitrosodiphenylamine	10.34	169	1045356	48.78	ng	100
66) 4-Bromophenyl-phenylether	10.71	248	379096	50.46	ng #	88
67) Hexachlorobenzene	10.77	284	372139	46.34	ng #	80
68) Atrazine	10.88	200	371586	53.75	ng	98
69) Pentachlorophenol	10.97	266	375227	95.23	ng	100
70) Phenanthrene	11.18	178	1684632	43.02	ng	99
71) Anthracene	11.24	178	2003520	73.11	ng	99
72) Carbazole	11.40	167	1754531	Below	Cal	98
73) Di-n-butylphthalate	11.73	149	1978976	54.17	ng	99
74) Fluoranthene	12.37	202	1865145	55.15	ng	92
76) Benzidine	12.49	184	130447	9.90	ng	96
77) Pyrene	12.58	202	1470376	52.35	ng	99
79) Butylbenzylphthalate	13.23	149	457050	35.78	ng #	76
80) Benzo(a)anthracene	13.77	228	1173701	54.32	ng	100
81) 3,3'-Dichlorobenzidine	13.74	252	184435	22.51	ng	97
82) Chrysene	13.81	228	951343	43.89	ng	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	840453	55.87	ng #	97
84) Di-n-octyl phthalate	14.39	149	1342410	48.17	ng	98
85) Indeno(1,2,3-cd)pyrene	16.43	276	964608	51.37	ng	99
87) Benzo(h)fluoranthene	14.80	252	1899805	92.49	ng	99
88) Benzo(k)fluoranthene	14.80	252	1900808	108.52	ng	99
89) Benzo(a)pyrene	15.10	252	917938	50.35	ng #	96
90) Dibenzo(a,h)anthracene	16.44	278	791751	52.84	ng #	94
91) Benzo(g,h,i)perylene	16.80	276	843194	54.11	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

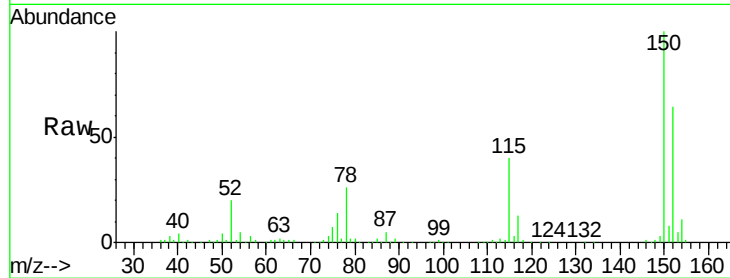
Tgt Ion:152 Resp: 200634

Ion Ratio Lower Upper

152 100

150 156.9 124.9 187.3

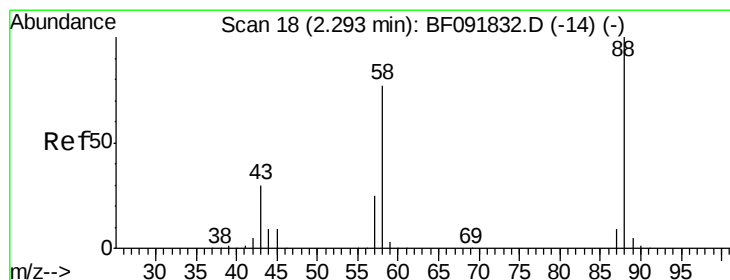
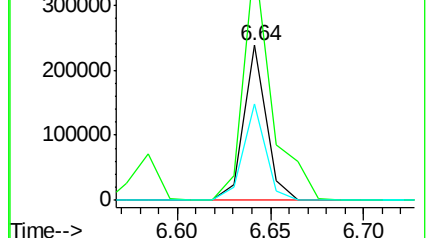
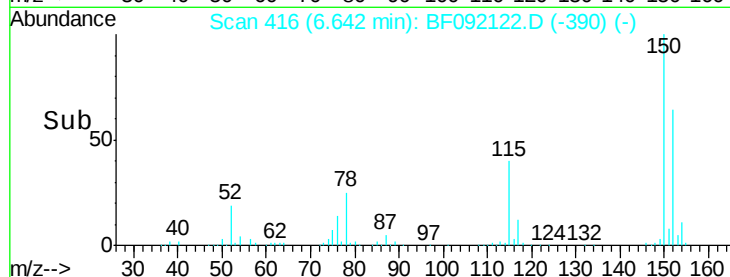
115 62.4 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.18 ng

RT: 2.25 min Scan# 32

Delta R.T. 0.17 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

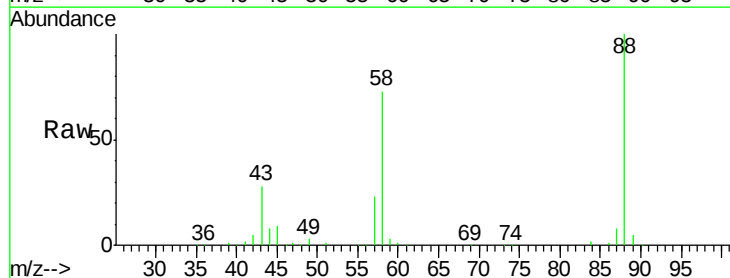
Tgt Ion: 88 Resp: 225885

Ion Ratio Lower Upper

88 100

58 73.8 57.8 86.8

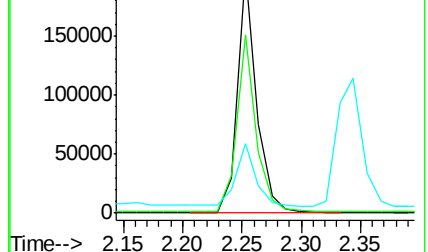
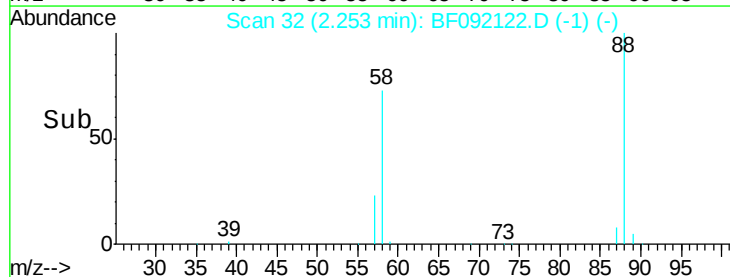
43 0.0 22.3 33.5#

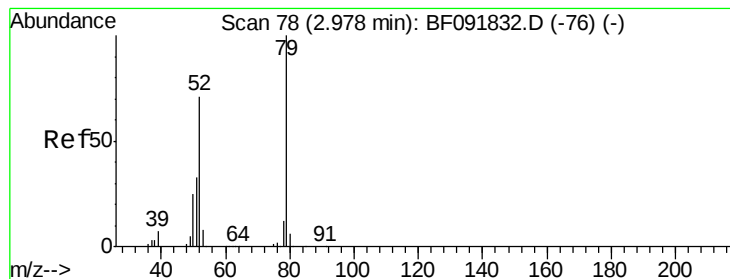


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 23.35 ng

RT: 2.88 min Scan# 87

Delta R.T. 0.15 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

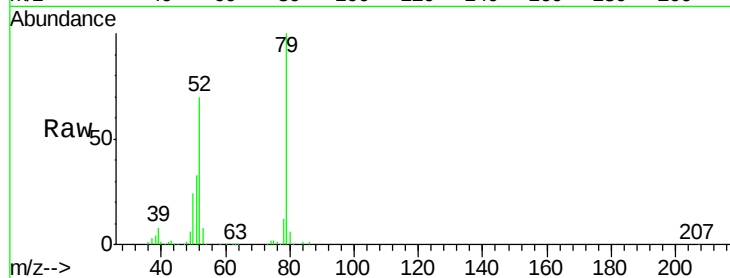
Tgt Ion: 79 Resp: 482141

Ion Ratio Lower Upper

79 100

52 69.7 57.1 85.7

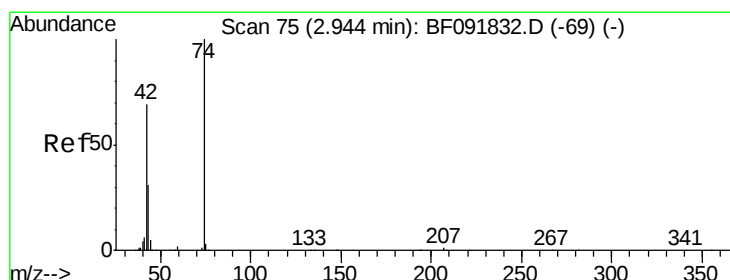
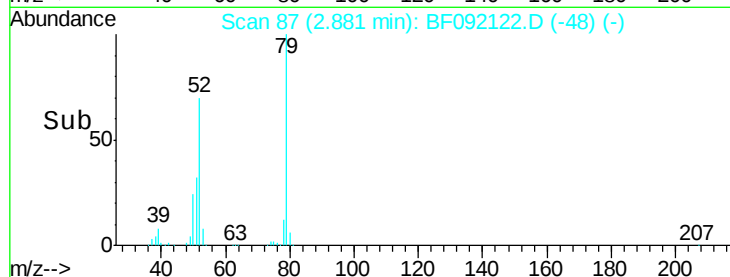
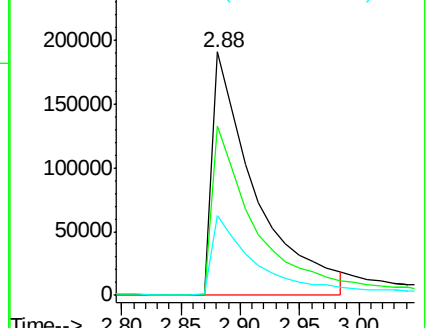
51 32.9 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.04 ng

RT: 2.81 min Scan# 81

Delta R.T. 0.13 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

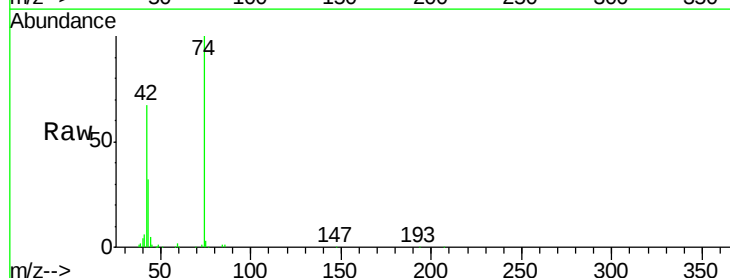
Tgt Ion: 42 Resp: 296289

Ion Ratio Lower Upper

42 100

74 150.2 117.0 175.4

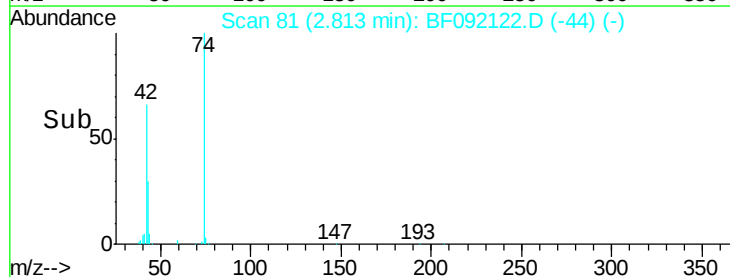
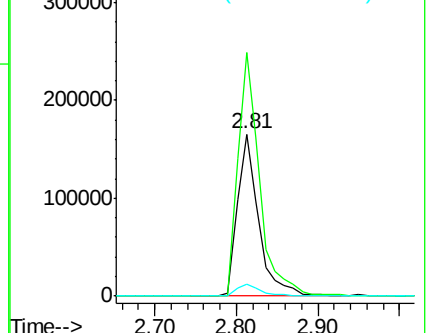
44 7.7 5.5 8.3

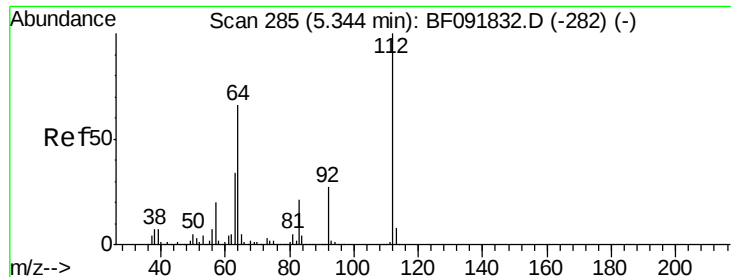


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 137.39 ng

RT: 5.26 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

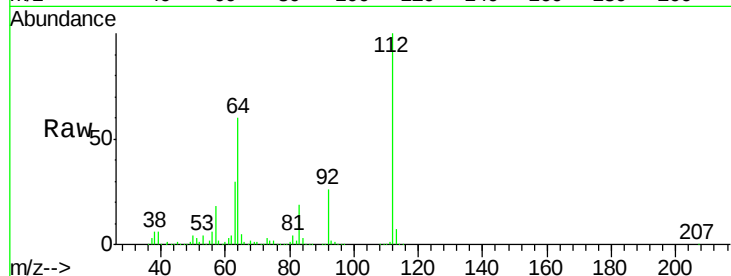
Tgt Ion:112 Resp: 1650893

Ion Ratio Lower Upper

112 100

64 60.3 46.1 69.1

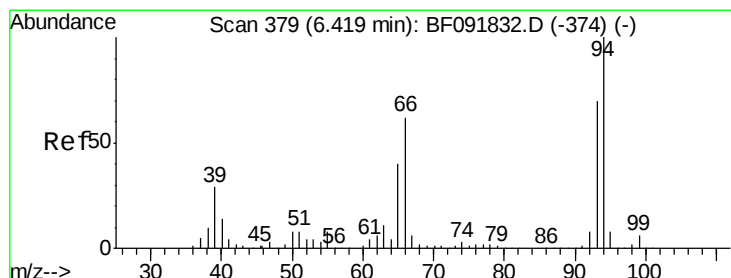
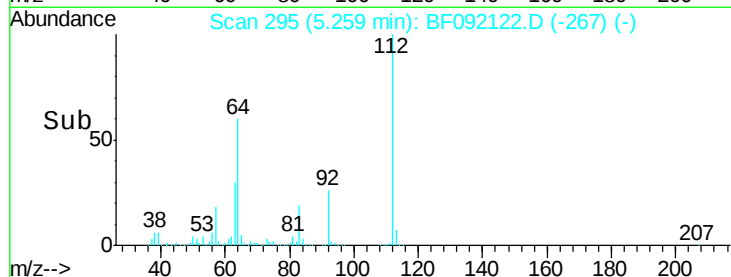
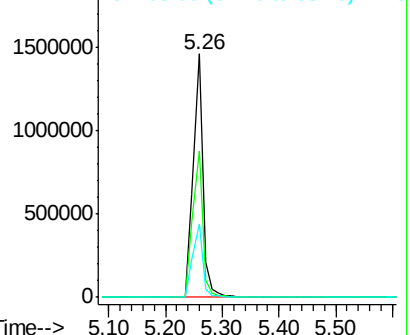
63 30.4 23.8 35.6



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: 7.70 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

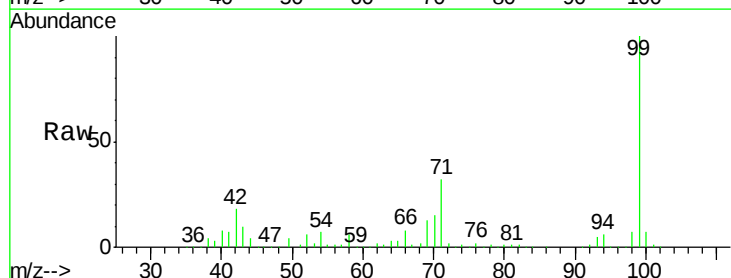
Tgt Ion: 93 Resp: 146779

Ion Ratio Lower Upper

93 100

66 176.8 76.2 114.2#

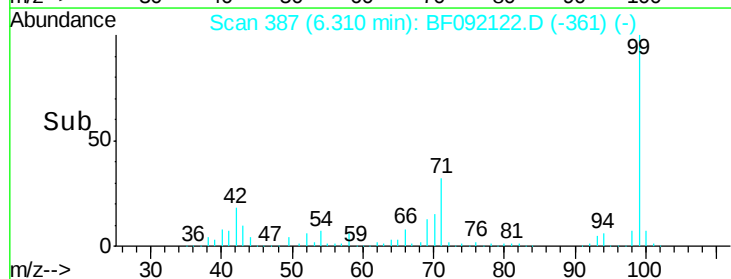
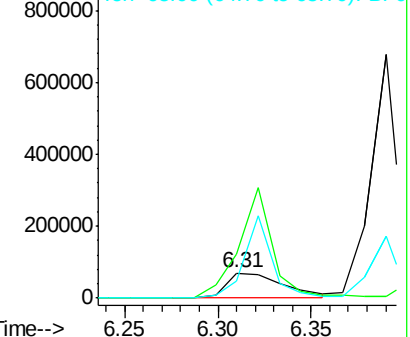
65 70.1 49.3 73.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.22 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

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ClientSampleId :

TP7-8-COMP10MSD

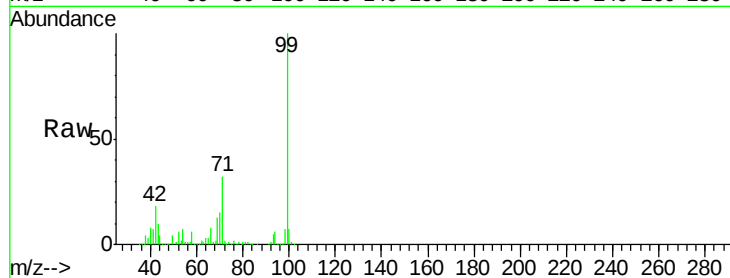
Tgt Ion: 99 Resp: 1925015

Ion Ratio Lower Upper

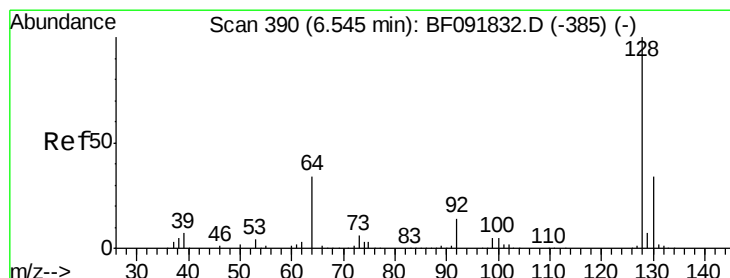
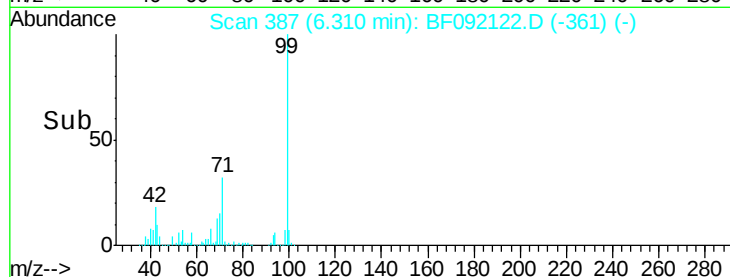
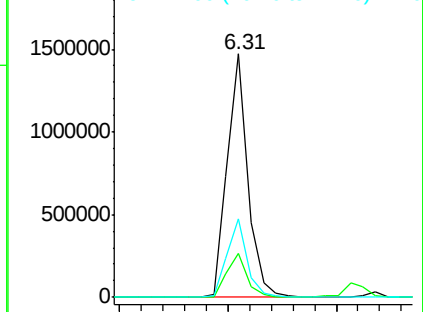
99 100

42 18.2 15.6 23.4

71 32.2 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: 47.39 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

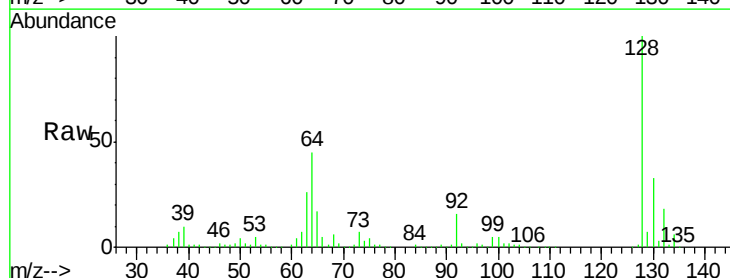
Tgt Ion: 128 Resp: 647708

Ion Ratio Lower Upper

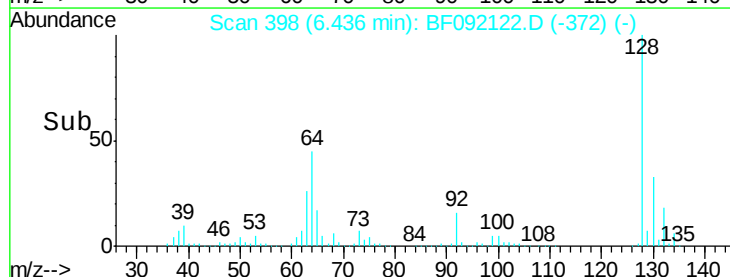
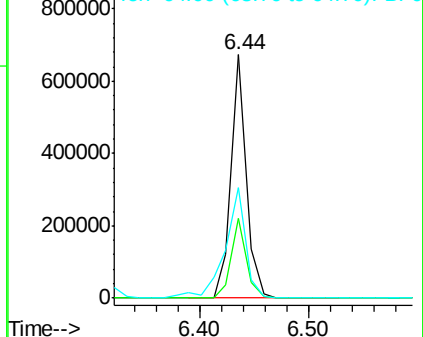
128 100

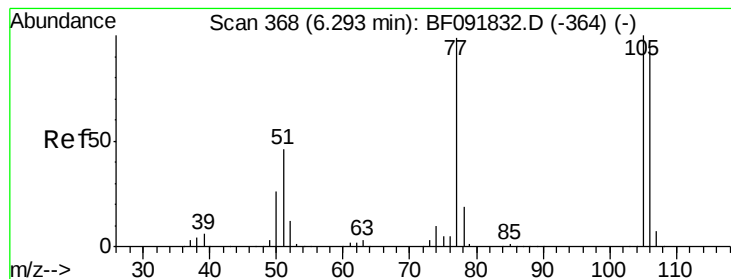
130 32.7 12.3 52.3

64 45.2 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: 4.19 ng

RT: 6.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

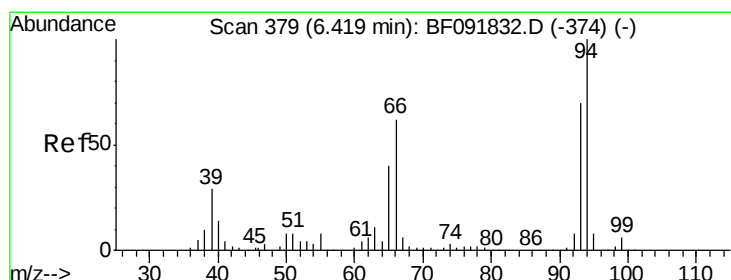
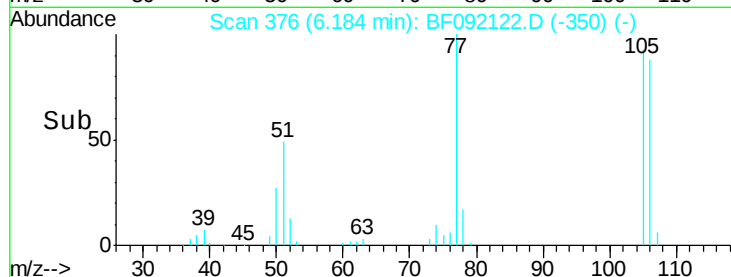
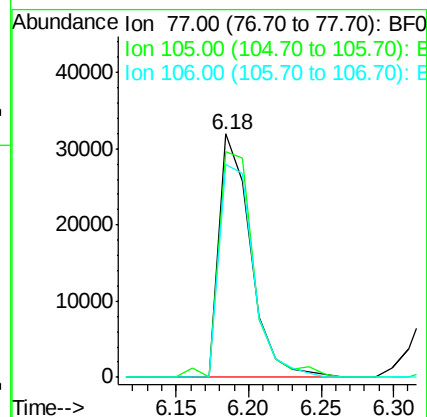
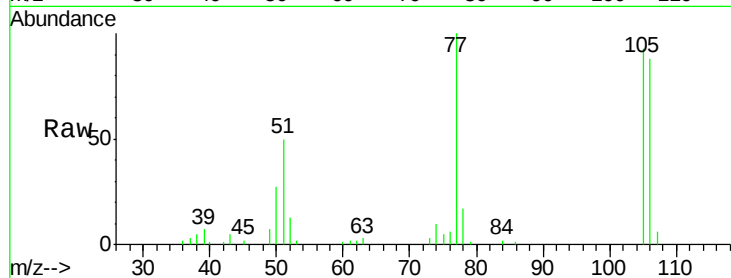
Tgt Ion: 77 Resp: 48194

Ion Ratio Lower Upper

77 100

105 93.0 83.9 123.9

106 87.6 77.6 117.6



#10

Phenol

Concen: 44.69 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

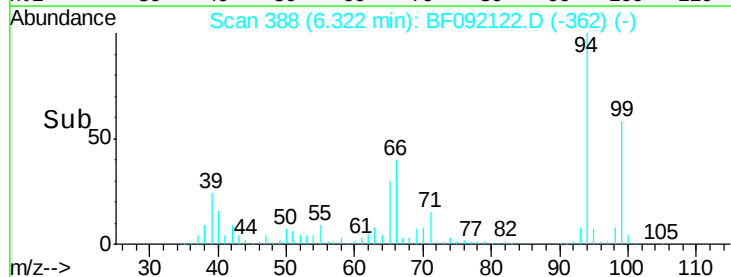
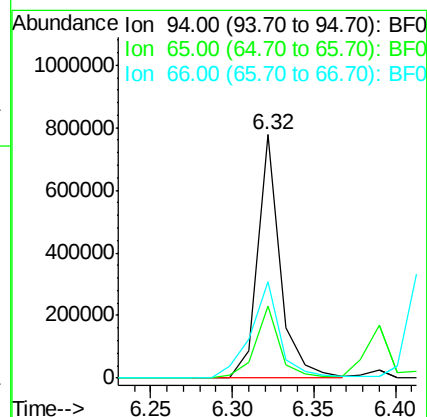
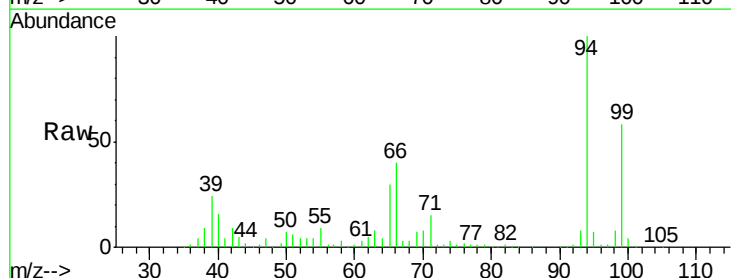
Tgt Ion: 94 Resp: 747017

Ion Ratio Lower Upper

94 100

65 29.6 21.4 61.4

66 39.7 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 48.91 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

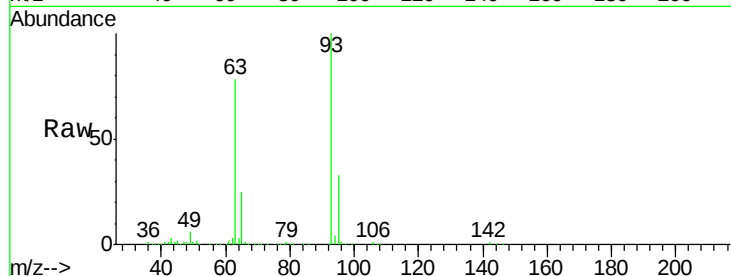
Tgt Ion: 93 Resp: 650624

Ion Ratio Lower Upper

93 100

63 77.6 60.4 100.4

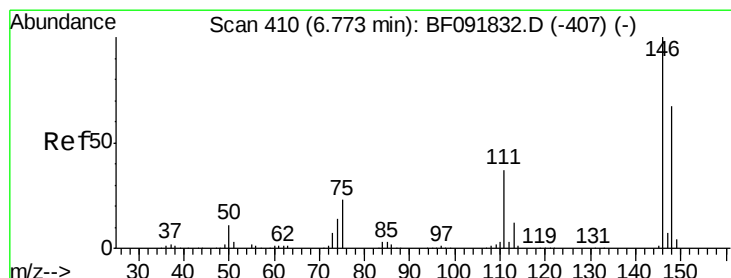
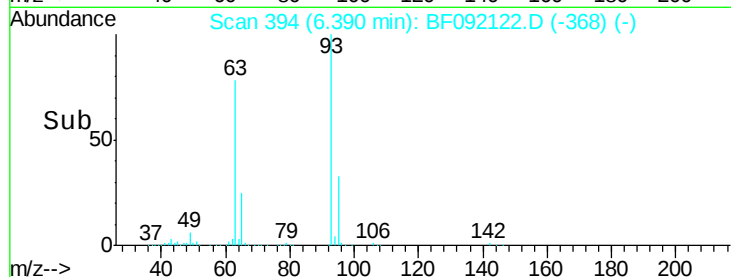
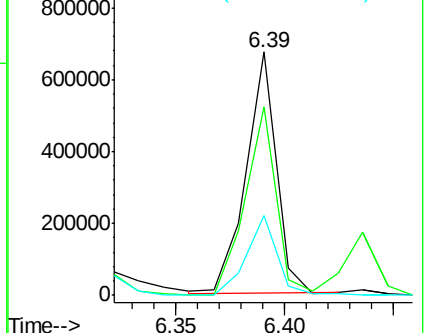
95 33.0 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 45.18 ng

RT: 6.58 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

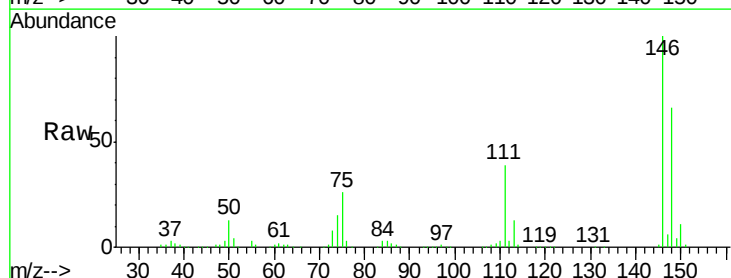
Tgt Ion: 146 Resp: 659282

Ion Ratio Lower Upper

146 100

148 65.6 53.4 80.0

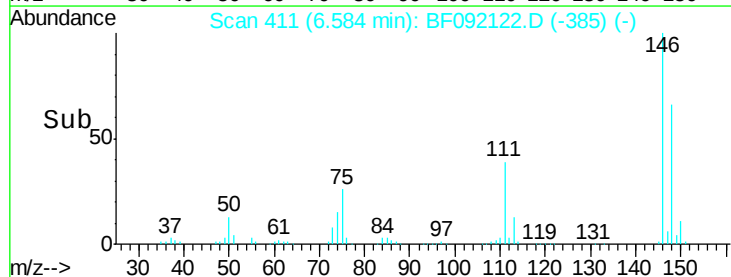
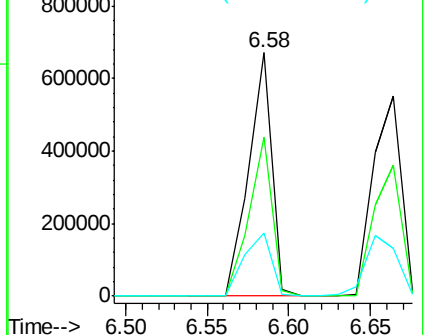
75 25.9 18.5 27.7

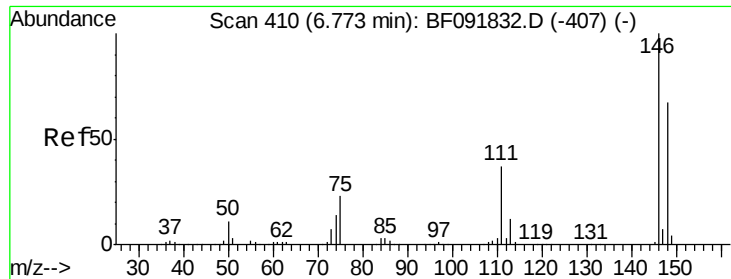


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

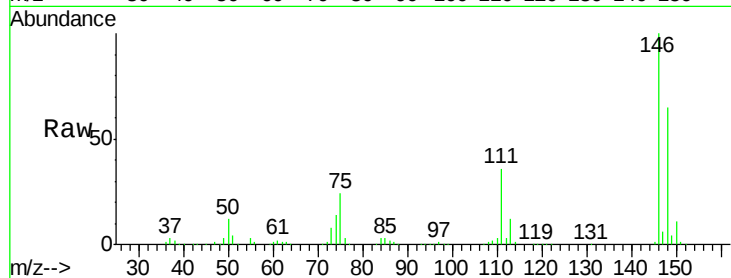




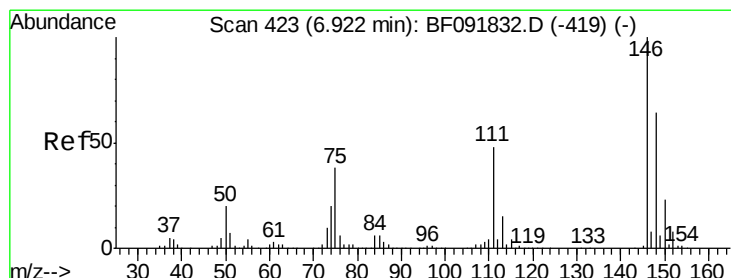
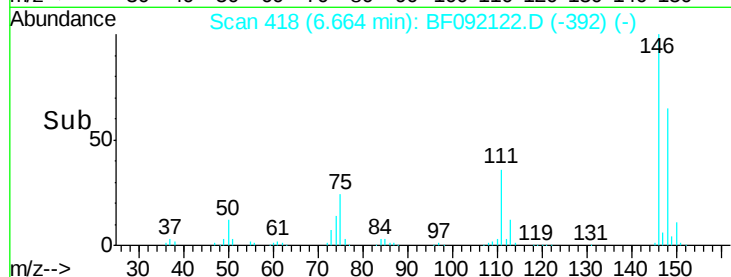
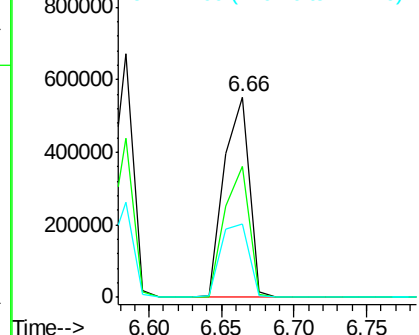
#13
 1,4-Dichlorobenzene
 Concen: 44.67 ng
 RT: 6.66 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Tgt Ion:146 Resp: 663367
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.6 76.0
 111 36.3 36.2 54.4

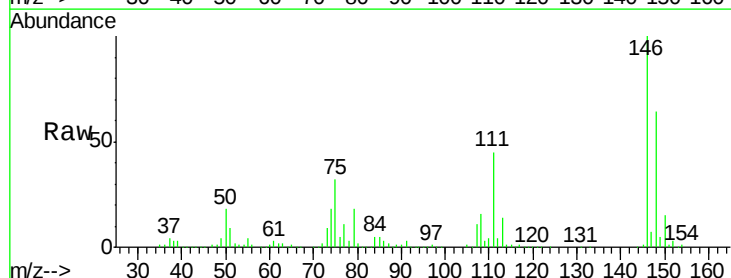


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

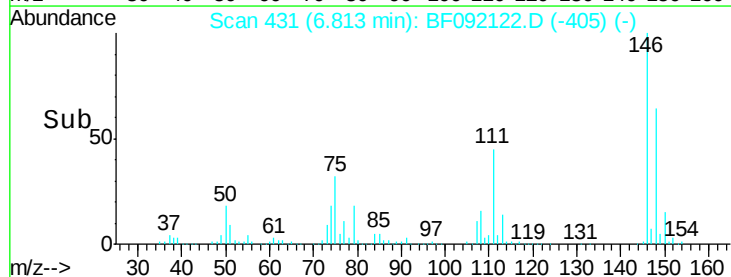
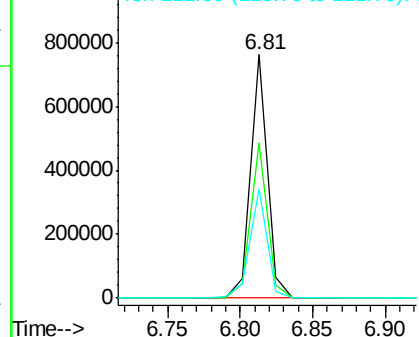


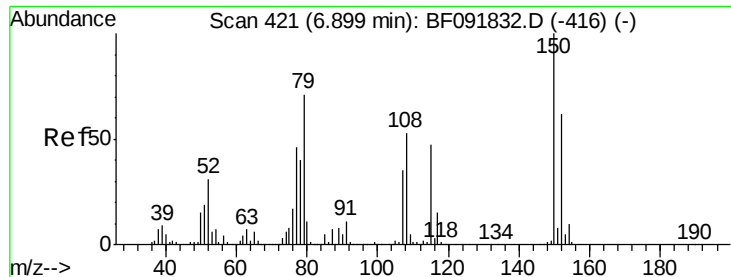
#14
 1,2-Dichlorobenzene
 Concen: 47.53 ng
 RT: 6.81 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Tgt Ion:146 Resp: 612520
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 44.6 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.02 ng

RT: 6.80 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

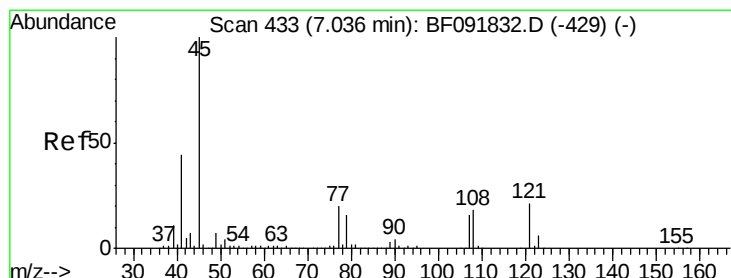
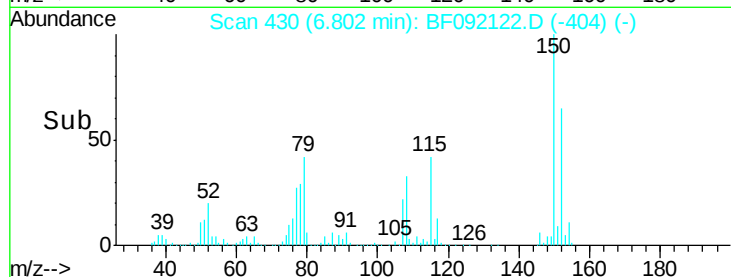
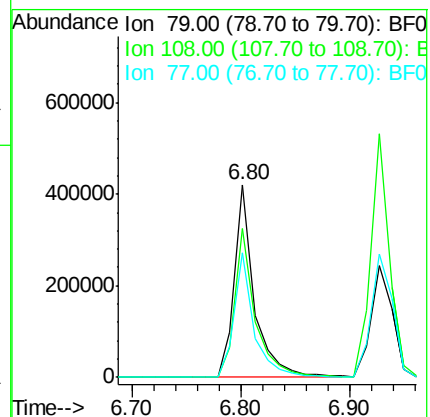
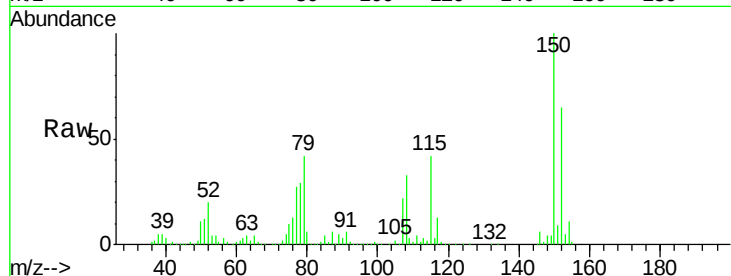
Tgt Ion: 79 Resp: 535936

Ion Ratio Lower Upper

79 100

108 77.4 61.4 92.0

77 64.7 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.58 ng

RT: 6.94 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

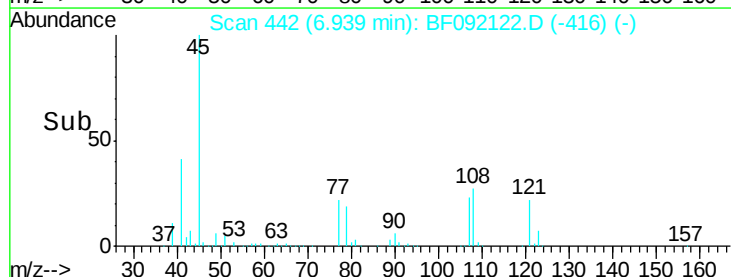
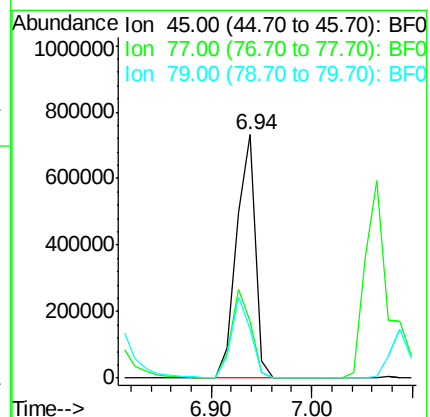
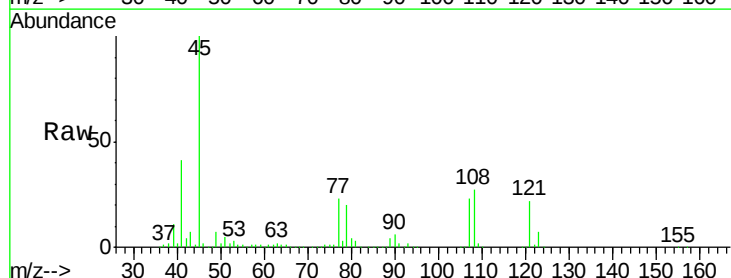
Tgt Ion: 45 Resp: 942497

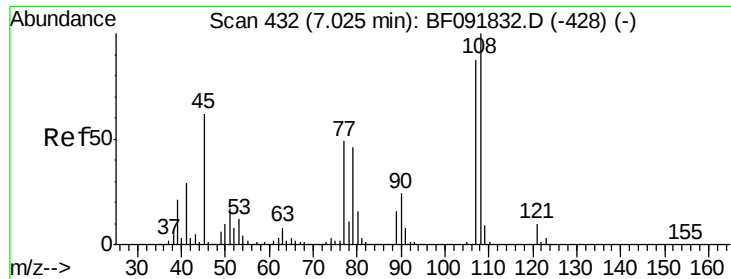
Ion Ratio Lower Upper

45 100

77 23.4 0.0 34.6

79 20.2 0.0 31.2

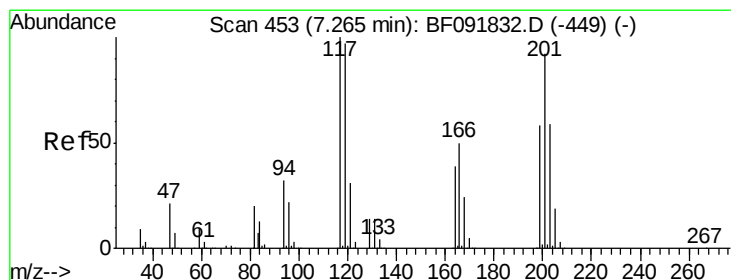
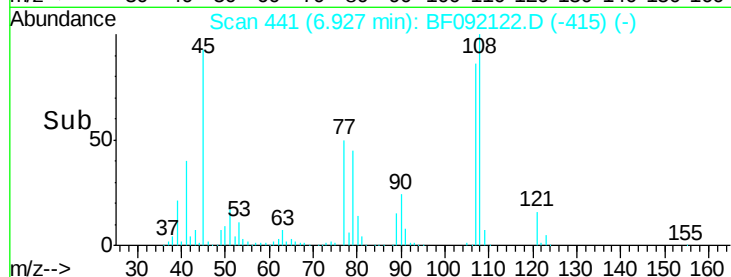
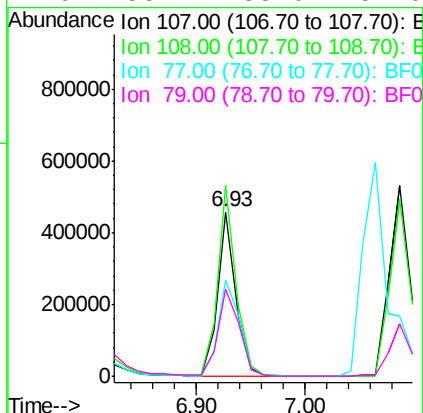
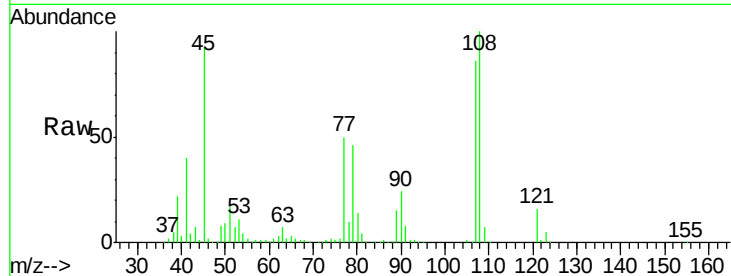




#17
2-Methylphenol
Concen: 48.99 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

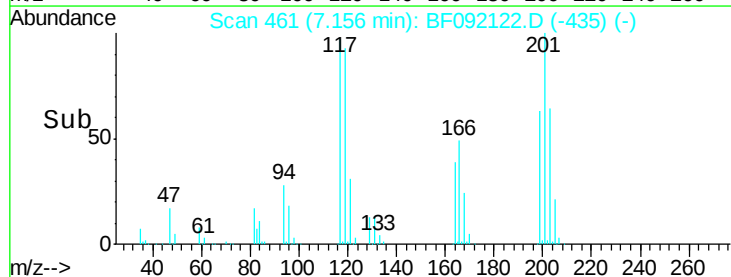
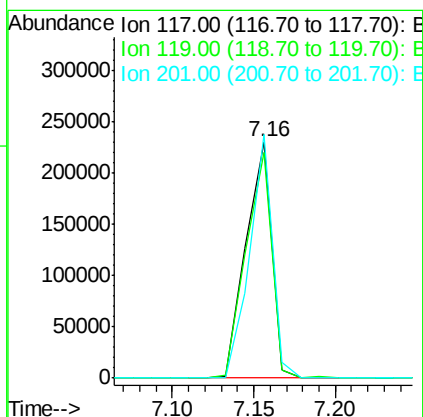
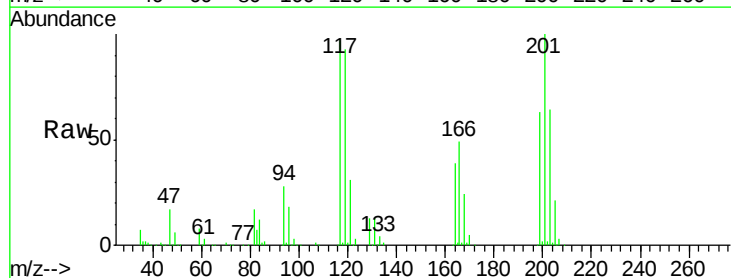
Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tgt Ion:	107	Resp:	538511
Ion	Ratio	Lower	Upper
107	100		
108	116.3	93.0	139.6
77	58.6	39.8	59.8
79	53.2	38.0	57.0



#18
Hexachloroethane
Concen: 45.79 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Tgt Ion:	117	Resp:	252131
Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.1	117.1
201	103.0	78.6	117.8

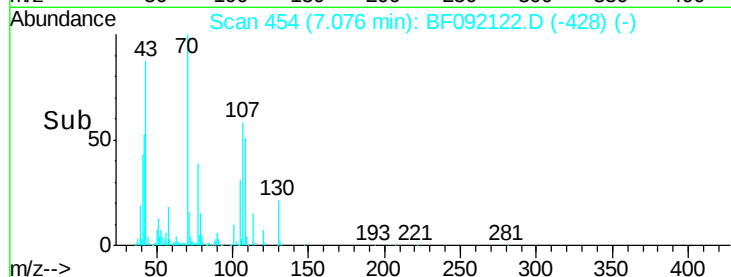
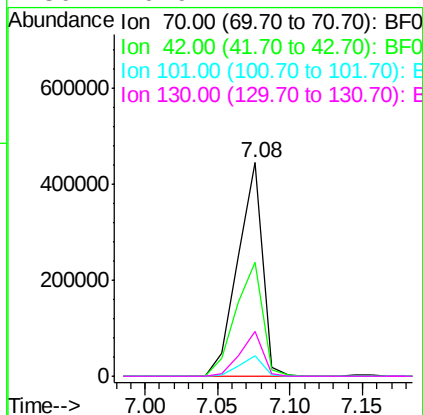
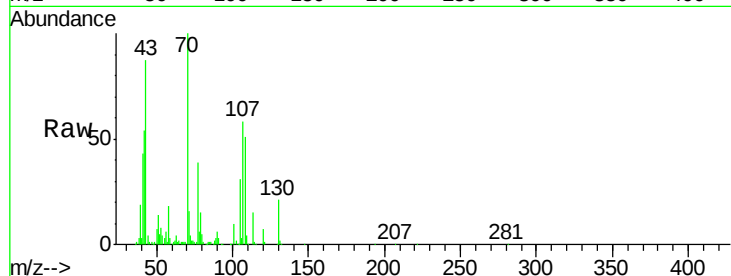




#19
n-Nitroso-di-n-propylamine
Concen: 53.99 ng
RT: 7.08 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

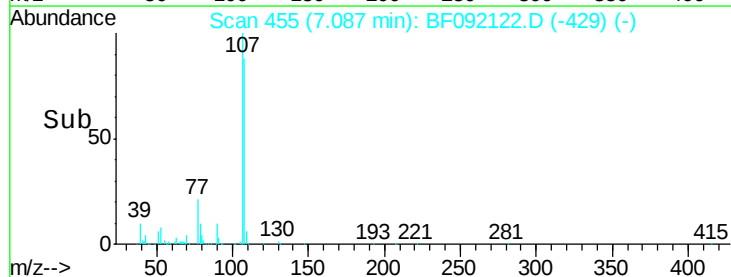
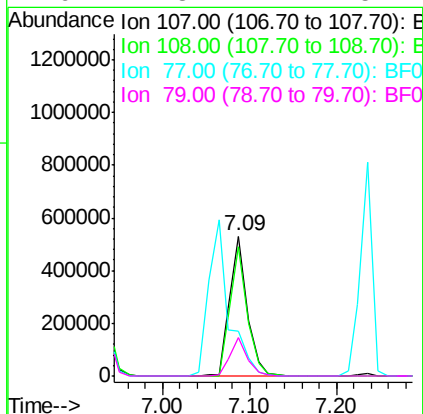
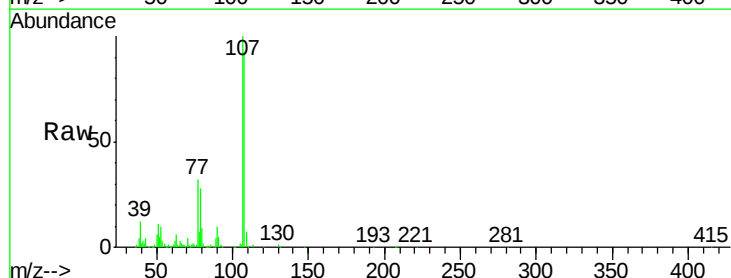
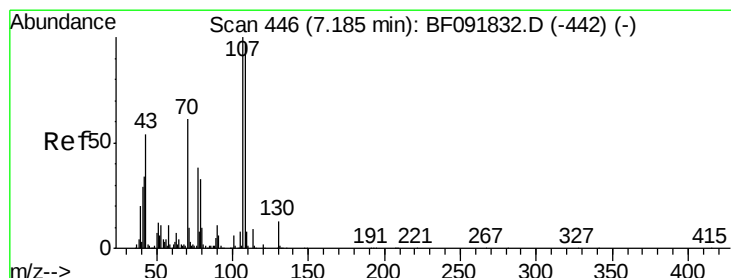
Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

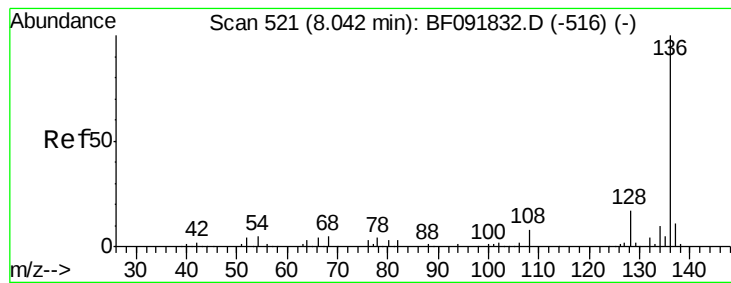
Tgt Ion: 70 Resp: 526971
Ion Ratio Lower Upper
70 100
42 53.6 49.4 74.0
101 9.6 7.4 11.2
130 20.9 14.2 21.4



#20
3+4-Methylphenols
Concen: 56.18 ng
RT: 7.09 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Tgt Ion: 107 Resp: 736568
Ion Ratio Lower Upper
107 100
108 93.1 73.0 113.0
77 32.0 71.3 111.3#
79 27.8 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

Tgt Ion:136 Resp: 859380

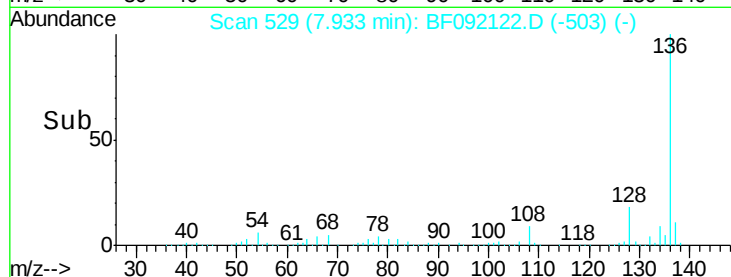
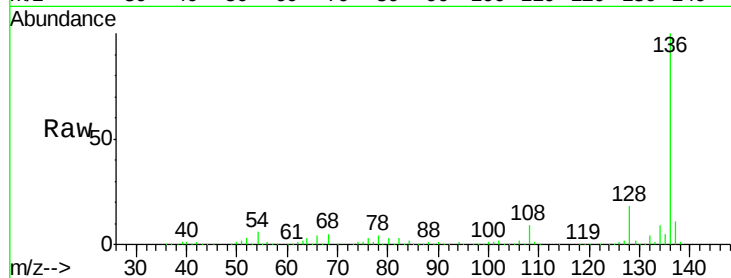
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 6.0 4.5 6.7

68 5.3 3.6 5.4

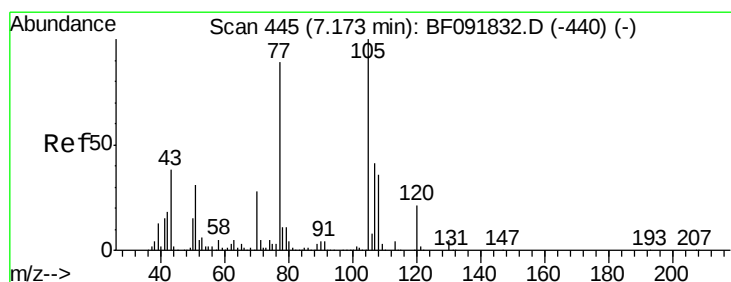
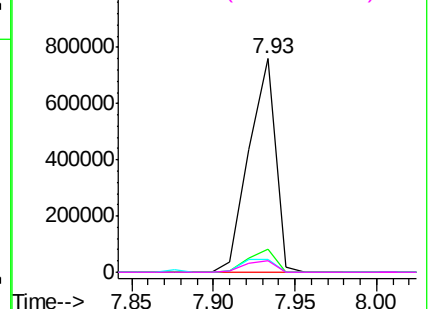


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.28 ng

RT: 7.06 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Tgt Ion:105 Resp: 981064

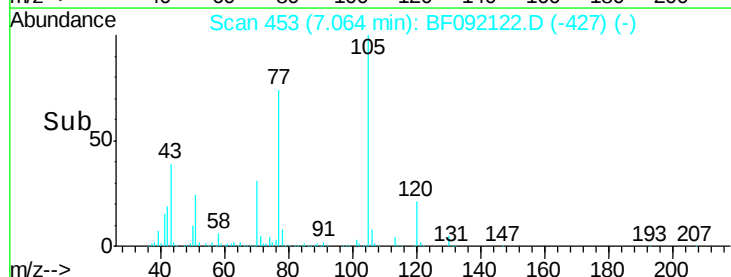
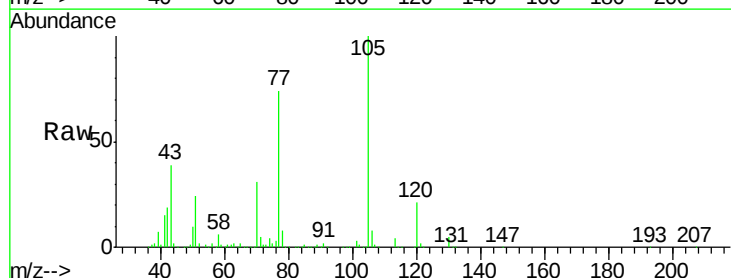
Ion Ratio Lower Upper

105 100

71 5.2 3.2 4.8#

51 24.5 26.2 39.4#

120 21.2 16.6 24.8

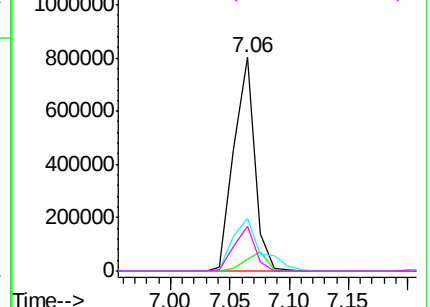


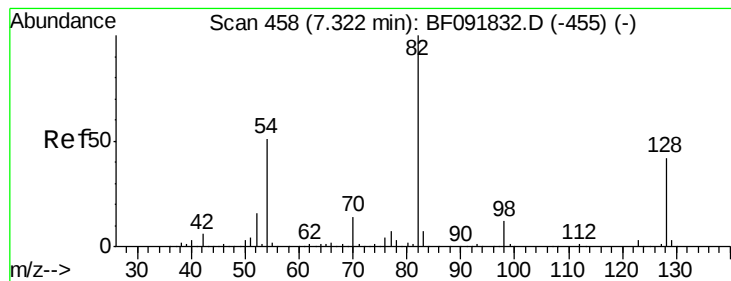
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 87.52 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

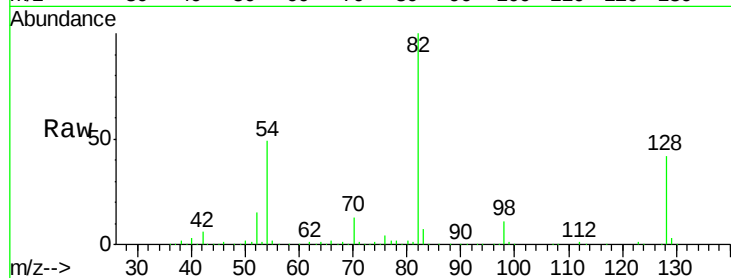
Tgt Ion: 82 Resp: 1352576

Ion Ratio Lower Upper

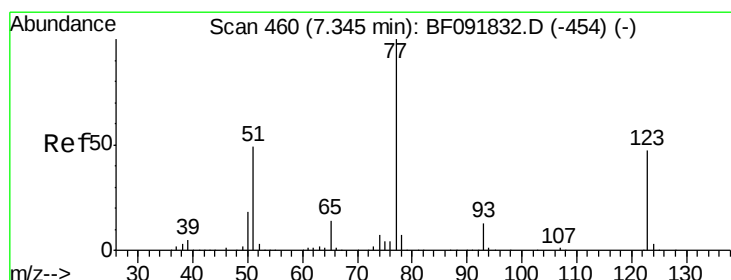
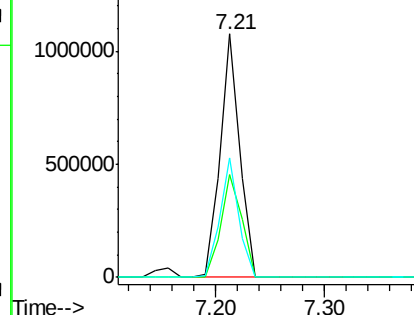
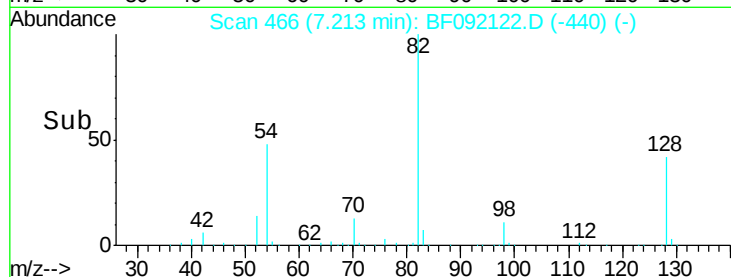
82 100

128 42.3 34.6 52.0

54 49.1 39.5 59.3



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



#24

Nitrobenzene

Concen: 46.90 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

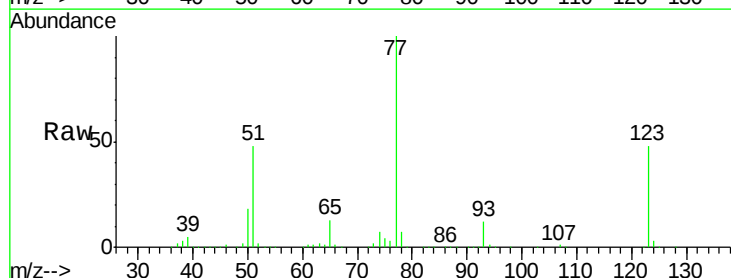
Tgt Ion: 77 Resp: 772076

Ion Ratio Lower Upper

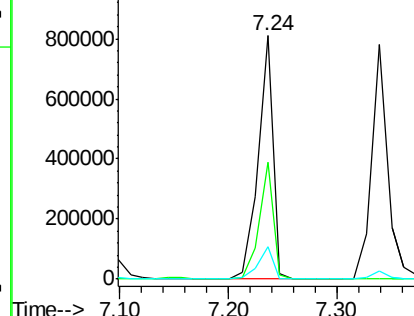
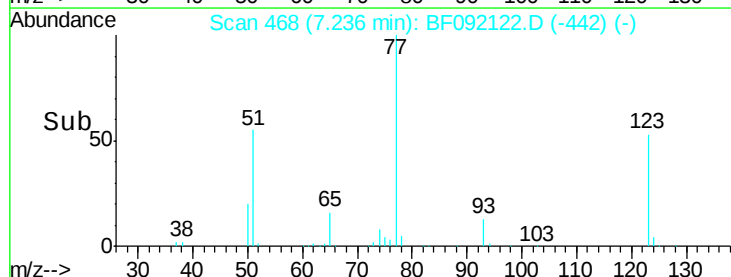
77 100

123 48.0 33.0 49.4

65 13.2 11.2 16.8



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





#25

Isophorone

Concen: 47.09 ng

RT: 7.48 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

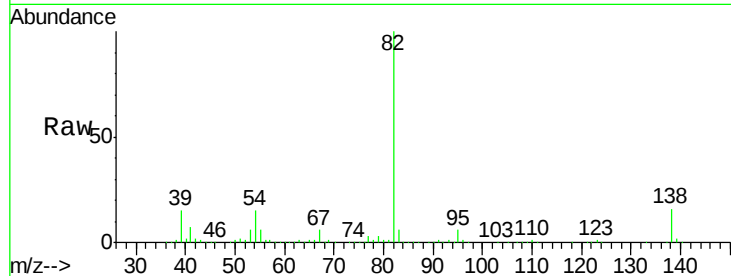
Tgt Ion: 82 Resp: 1342767

Ion Ratio Lower Upper

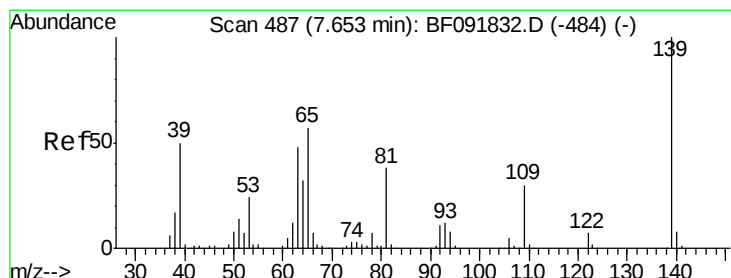
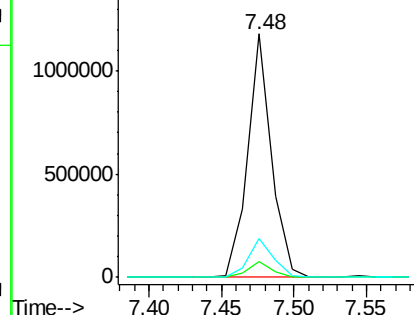
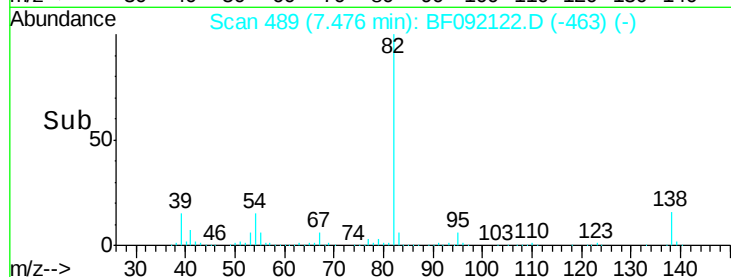
82 100

95 6.4 5.6 8.4

138 16.2 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.15 ng

RT: 7.56 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

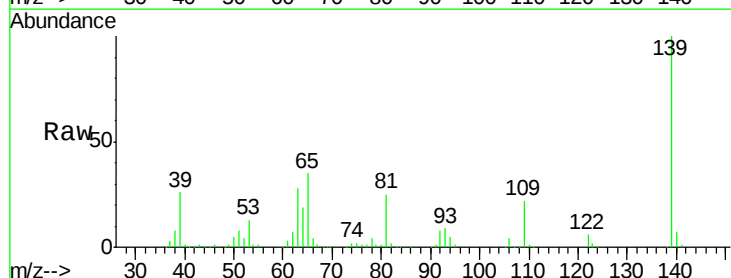
Tgt Ion: 139 Resp: 374588

Ion Ratio Lower Upper

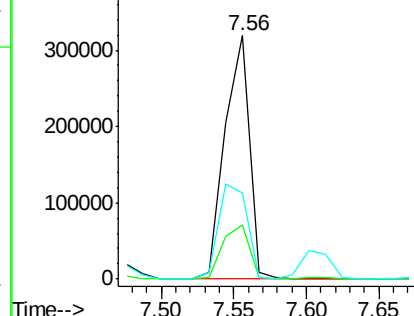
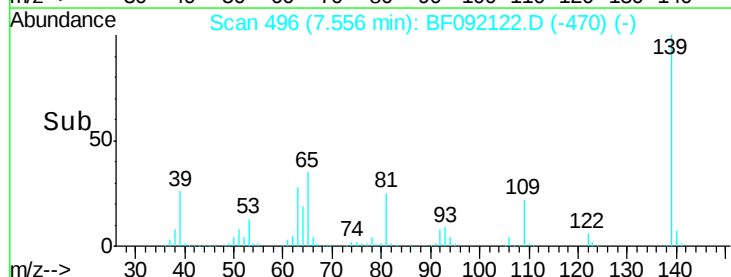
139 100

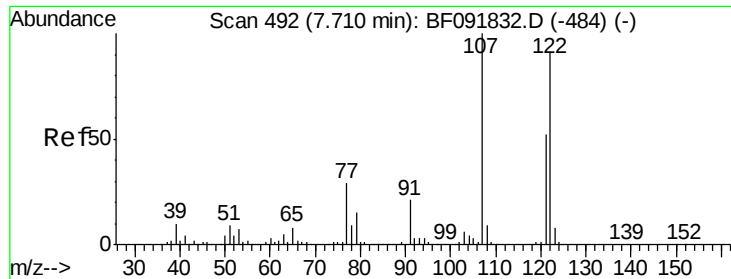
109 22.4 23.3 34.9#

65 35.4 42.7 64.1#



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

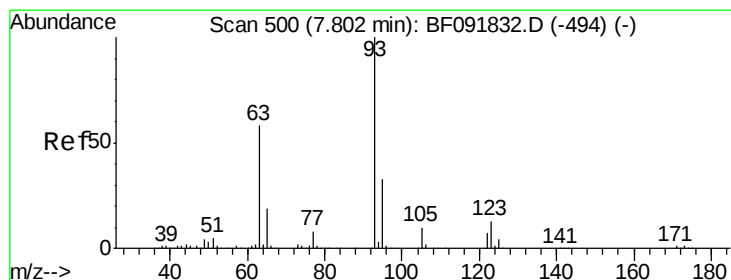
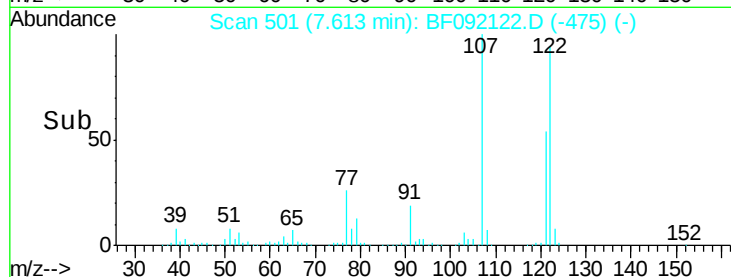
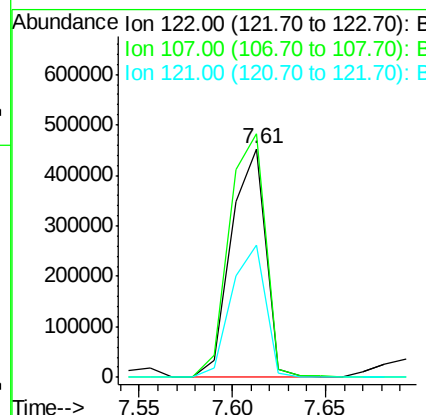
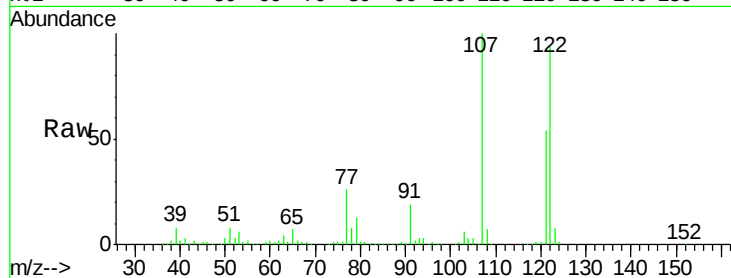




#27
2,4-Dimethylphenol
Concen: 43.79 ng
RT: 7.61 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

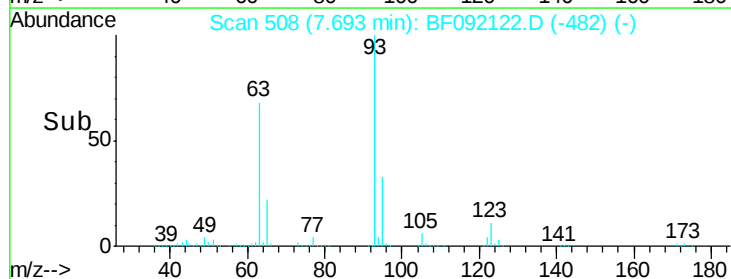
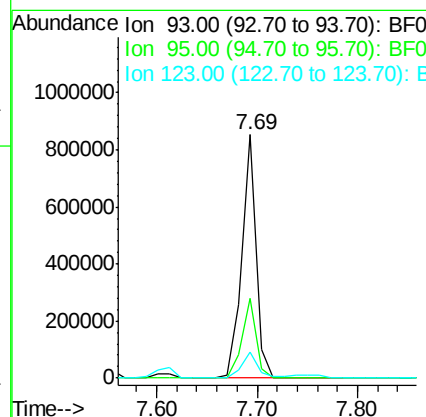
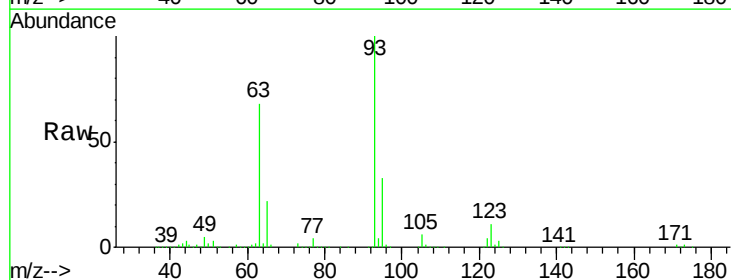
Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

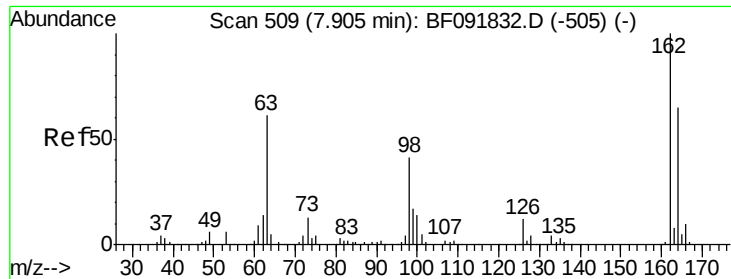
Tgt Ion:122 Resp: 589568
Ion Ratio Lower Upper
122 100
107 106.5 94.1 141.1
121 57.6 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.70 ng
RT: 7.69 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Tgt Ion: 93 Resp: 842107
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 10.6 8.6 13.0

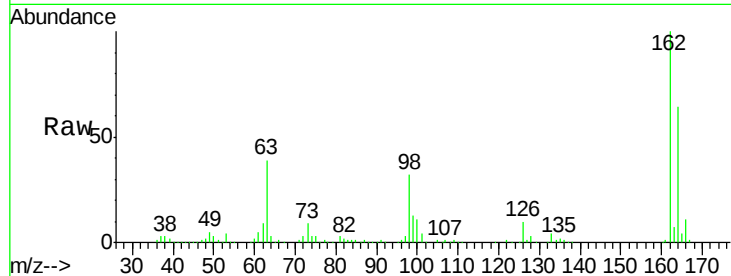




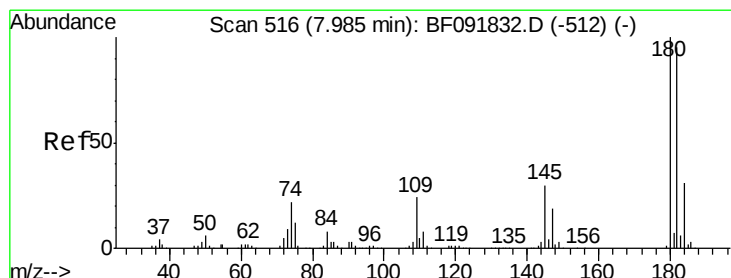
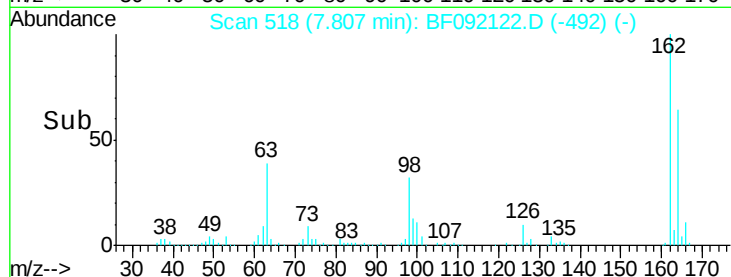
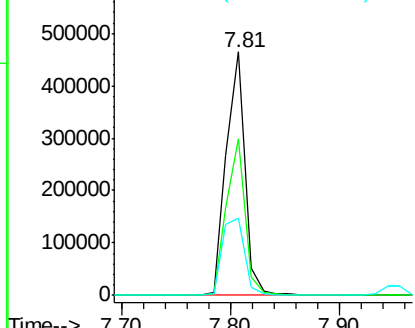
#29
 2,4-Dichlorophenol
 Concen: 48.45 ng
 RT: 7.81 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Tgt Ion:162 Resp: 552345
 Ion Ratio Lower Upper
 162 100
 164 64.4 46.8 86.8
 98 31.6 9.1 49.1

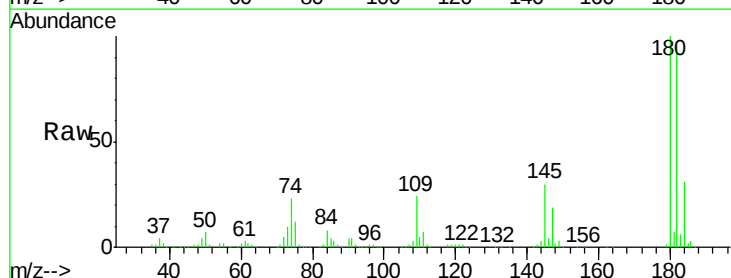


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

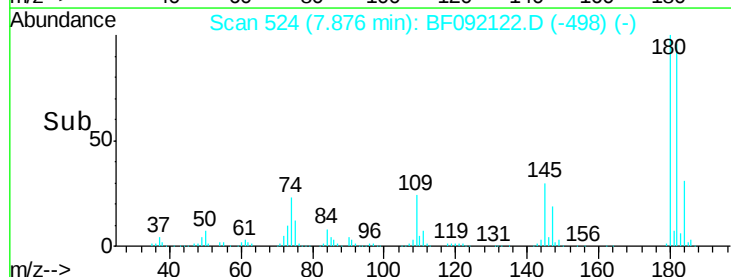
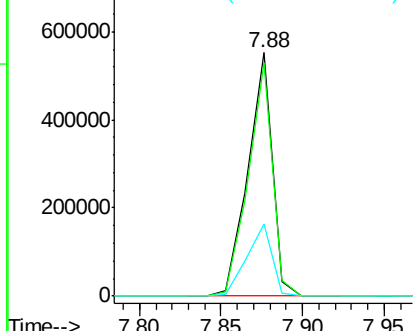


#30
 1,2,4-Trichlorobenzene
 Concen: 45.57 ng
 RT: 7.88 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Tgt Ion:180 Resp: 569311
 Ion Ratio Lower Upper
 180 100
 182 95.8 78.2 117.4
 145 29.8 21.6 32.4



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





#31

Naphthalene

Concen: 48.83 ng

RT: 7.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

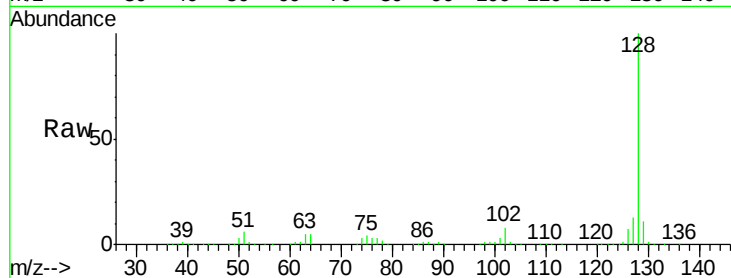
Tgt Ion:128 Resp: 1920579

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

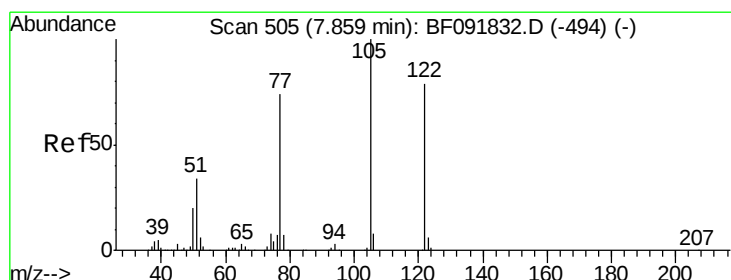
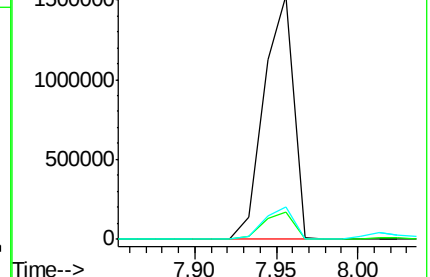
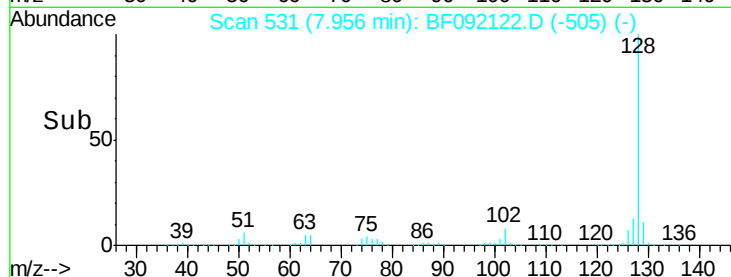
127 13.1 10.8 16.2



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: 45.85 ng

RT: 7.76 min Scan# 514

Delta R.T. 0.01 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

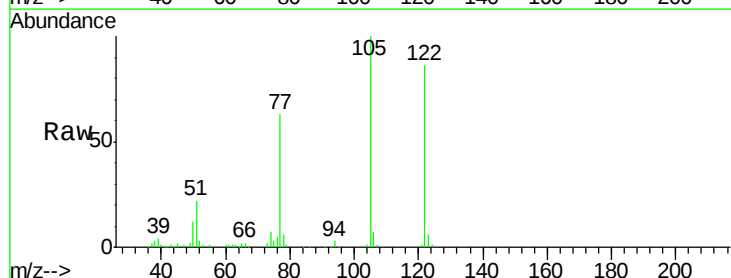
Tgt Ion:122 Resp: 457907

Ion Ratio Lower Upper

122 100

105 116.8 107.2 147.2

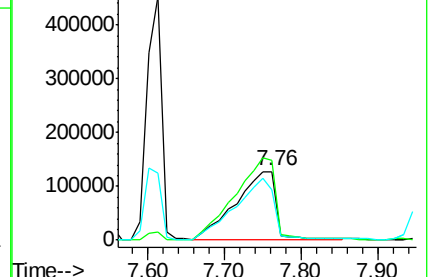
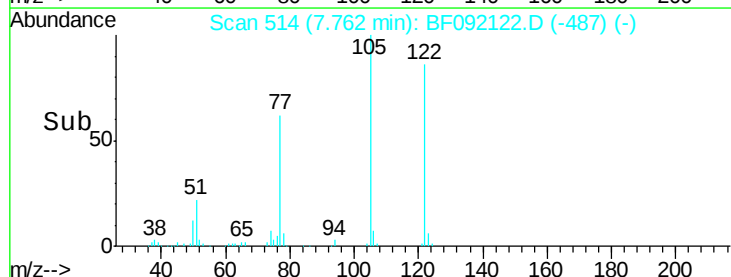
77 74.1 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

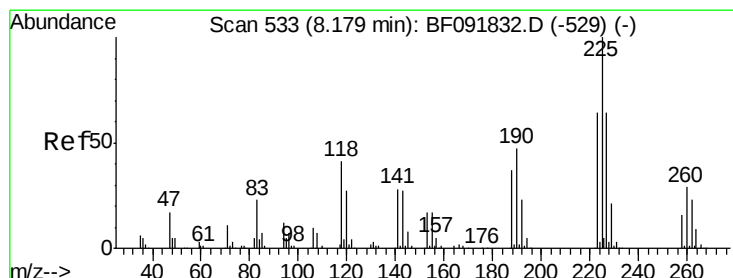
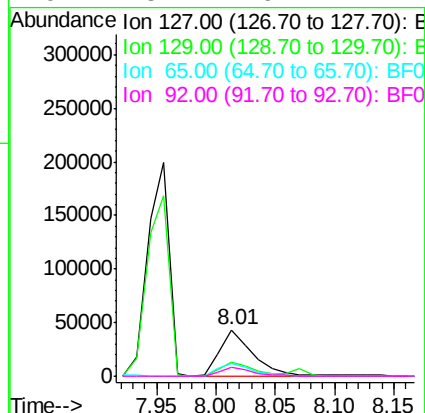
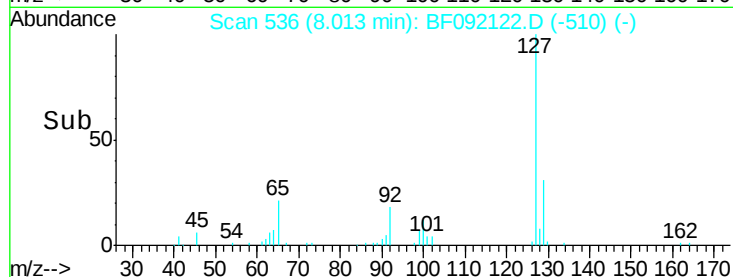
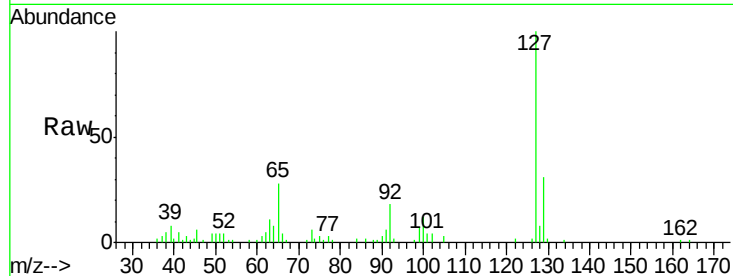




#33
4-Chloroaniline
Concen: 4.64 ng
RT: 8.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

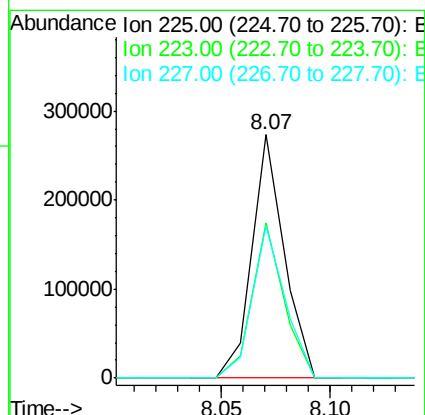
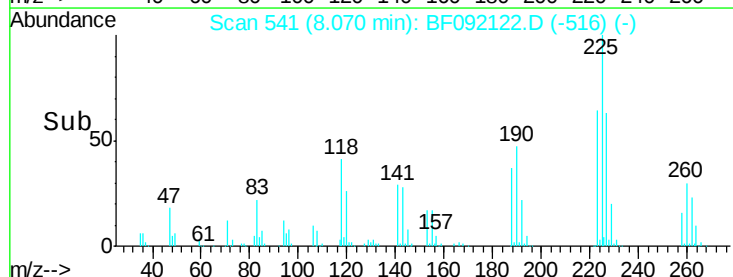
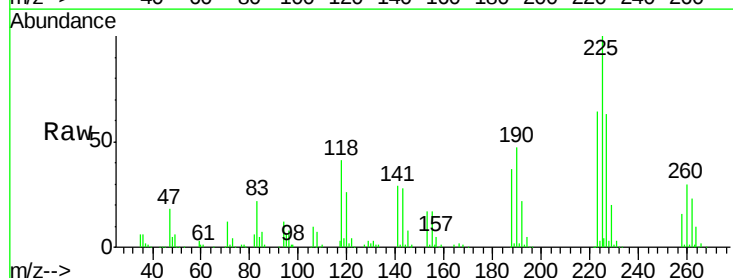
Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

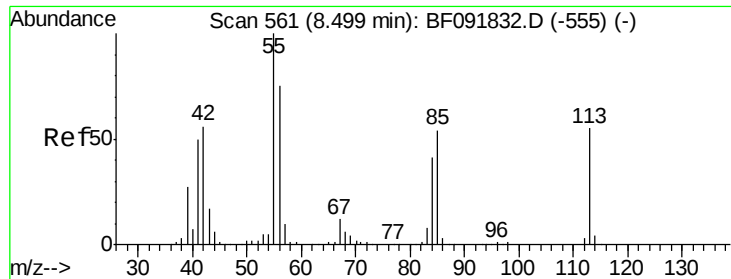
Tgt Ion:	127	Resp:	82212
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.3	39.5
65	27.8	25.8	38.8
92	18.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 42.75 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Tgt Ion:	225	Resp:	281899
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	62.7	50.6	76.0

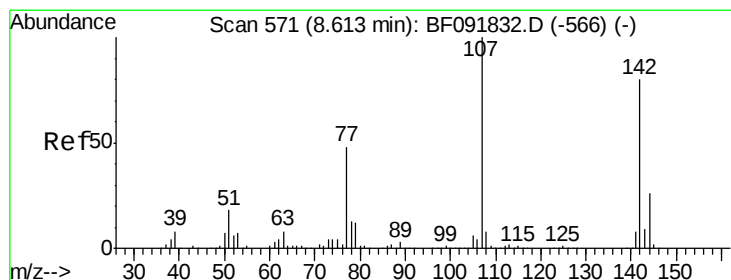
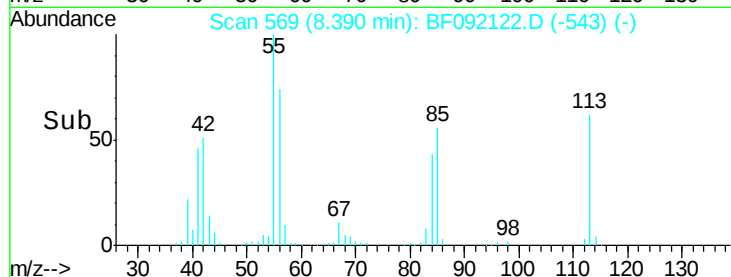
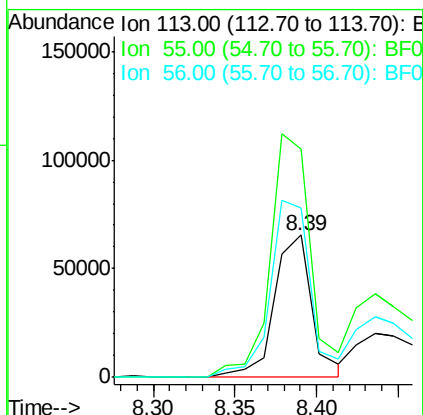
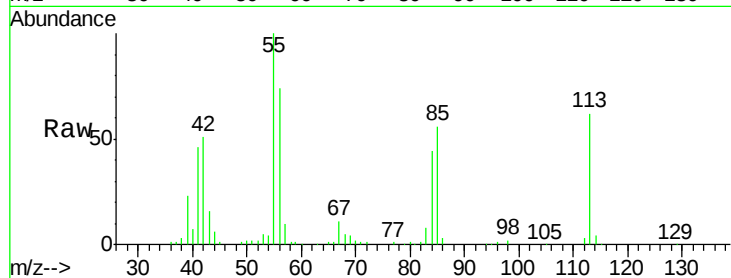




#35
 Caprolactam
 Concen: 28.14 ng
 RT: 8.39 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

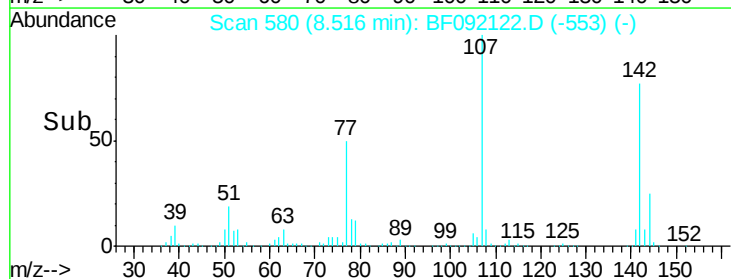
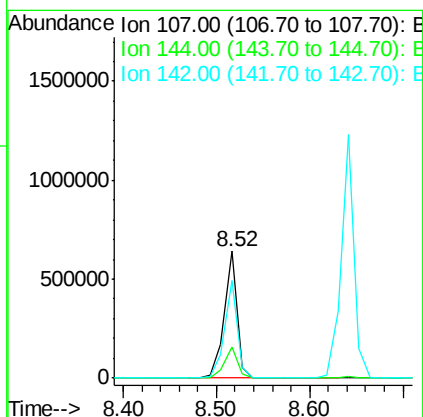
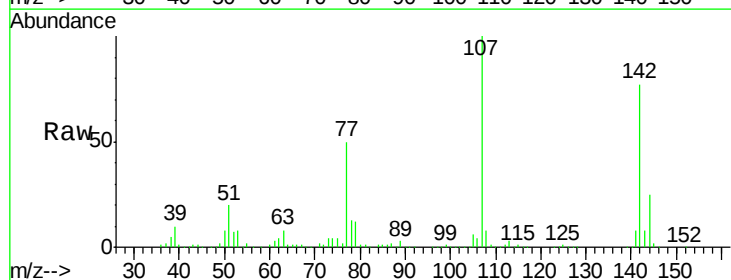
Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

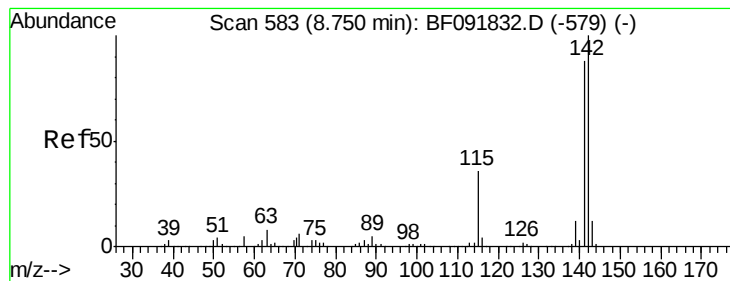
Tgt Ion:113 Resp: 105416
 Ion Ratio Lower Upper
 113 100
 55 160.9 119.2 159.2#
 56 119.4 83.8 123.8



#36
 4-Chloro-3-methylphenol
 Concen: 46.95 ng
 RT: 8.52 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Tgt Ion:107 Resp: 615883
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.3 28.9
 142 76.7 59.0 88.6

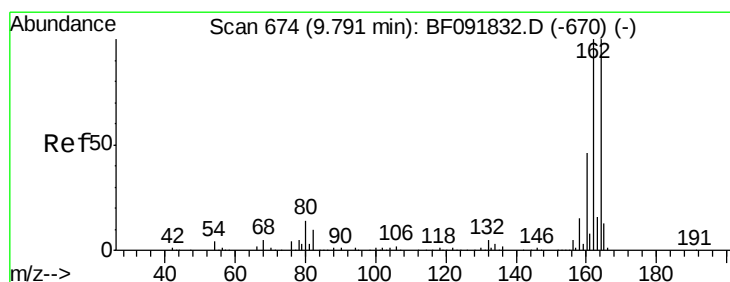
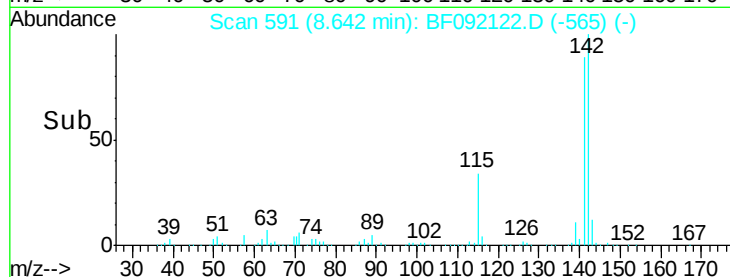
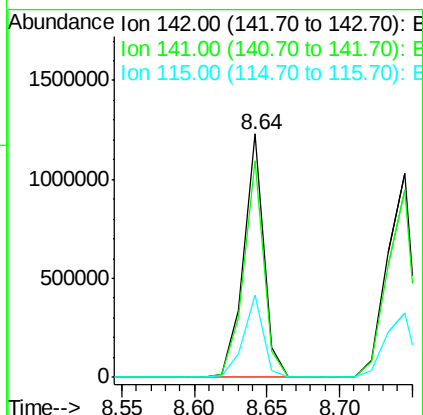
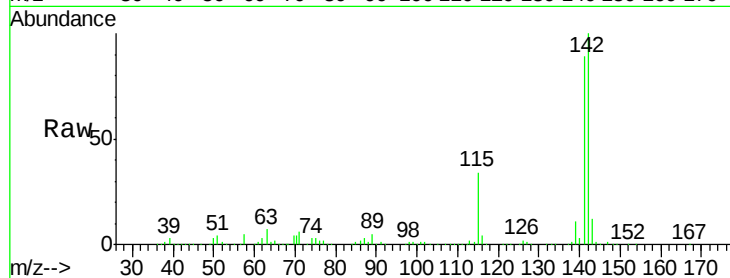




#37
2-Methylnaphthalene
Concen: 53.73 ng
RT: 8.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

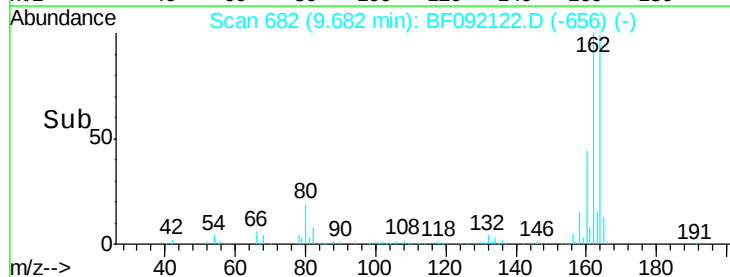
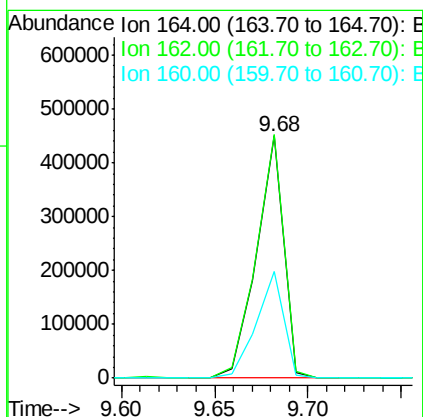
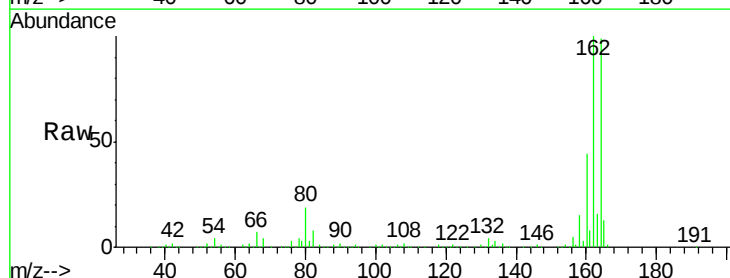
Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

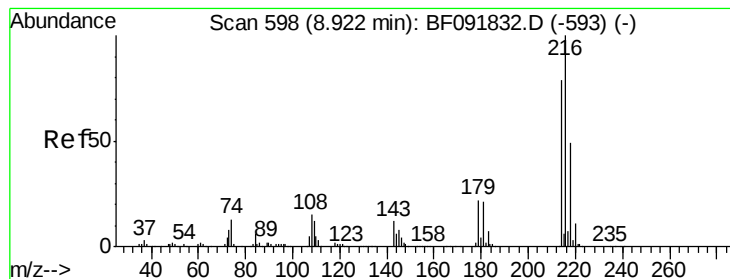
Tgt Ion:142 Resp: 1191458
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 34.1 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Tgt Ion:164 Resp: 452019
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.2
160 43.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.14 ng

RT: 8.81 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

Tgt Ion:216 Resp: 538403

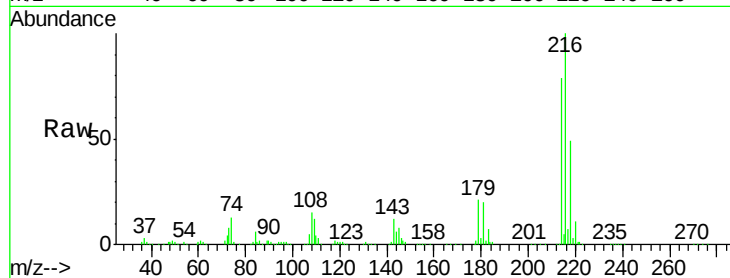
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 21.8 17.4 26.2

108 21.5 15.6 23.4

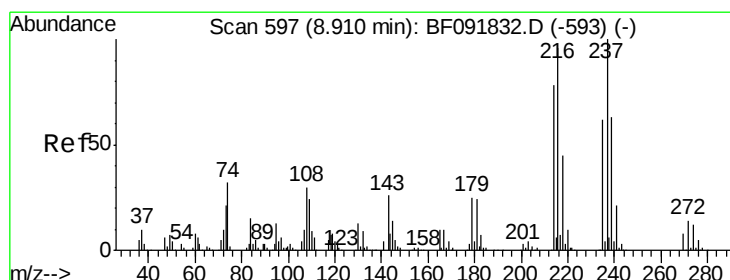
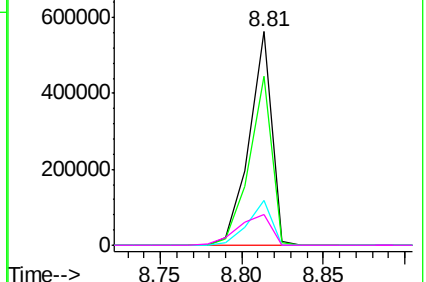
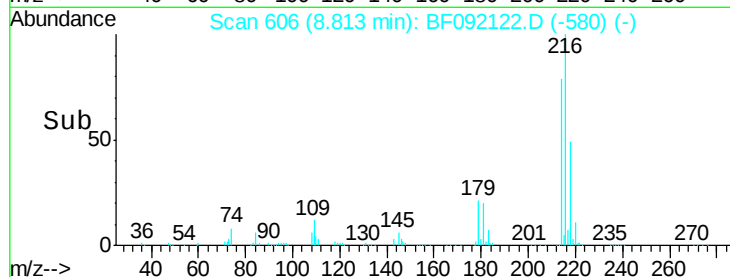


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.71 ng

RT: 8.80 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

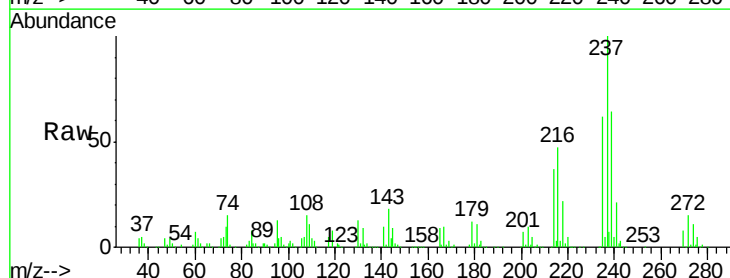
Tgt Ion:237 Resp: 474922

Ion Ratio Lower Upper

237 100

235 62.1 41.2 81.2

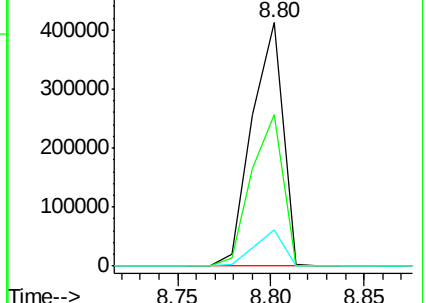
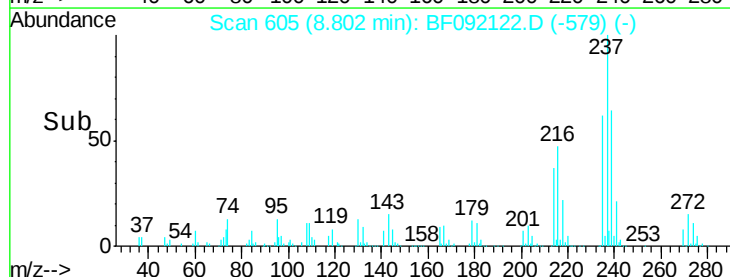
272 15.0 0.0 35.4

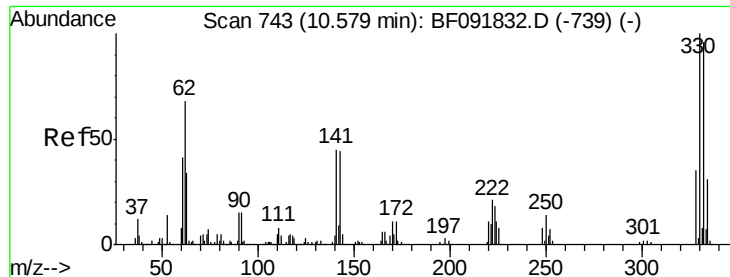


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

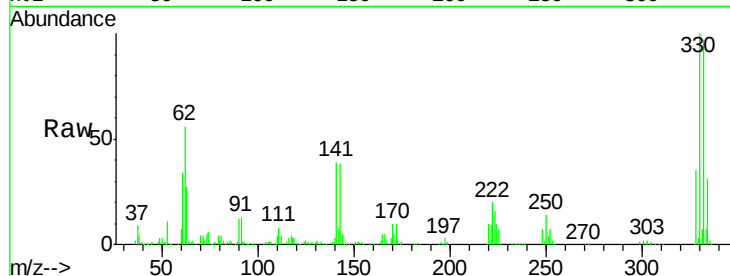




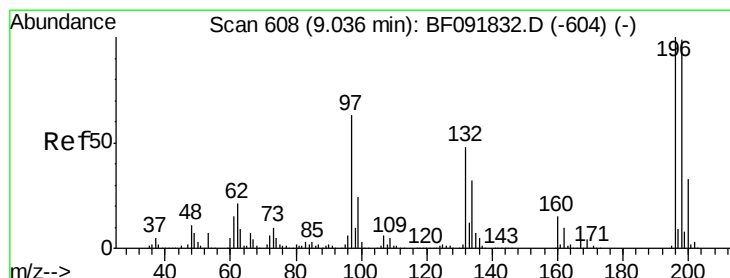
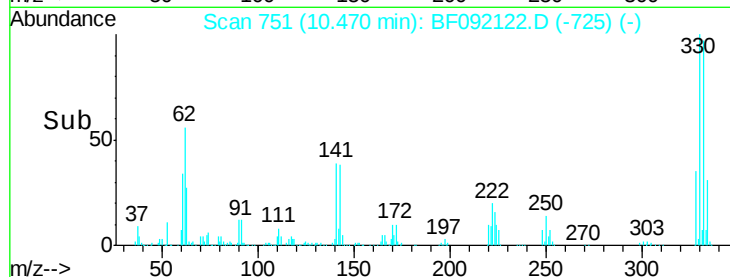
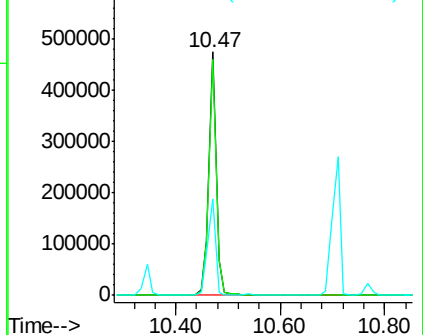
#41
 2,4,6-Tribromophenol
 Concen: 124.84 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Tgt Ion:330 Resp: 467003
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 41.9 34.1 51.1

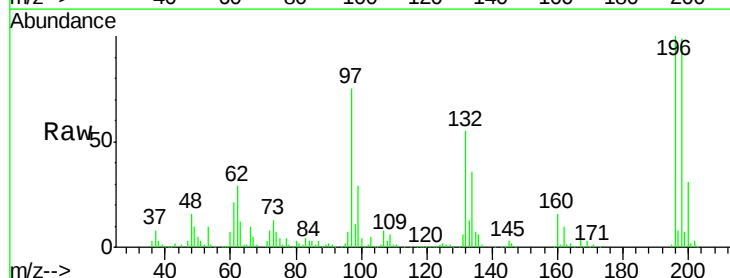


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

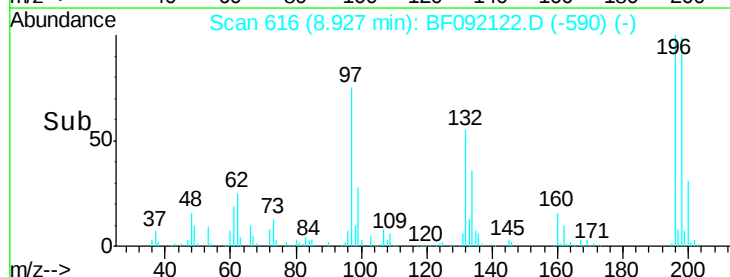
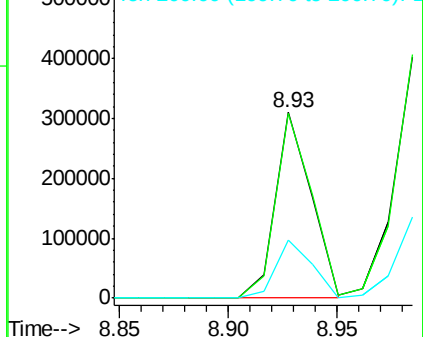


#42
 2,4,6-Trichlorophenol
 Concen: 44.83 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Tgt Ion:196 Resp: 358063
 Ion Ratio Lower Upper
 196 100
 198 99.4 82.1 123.1
 200 31.0 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

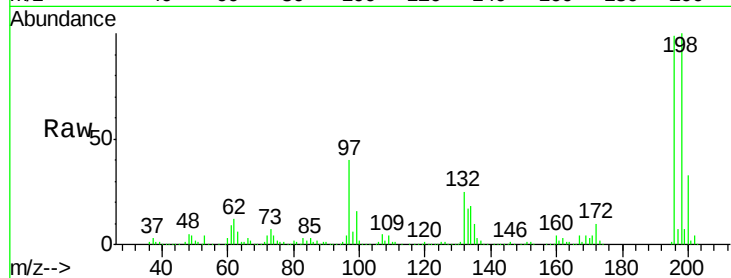




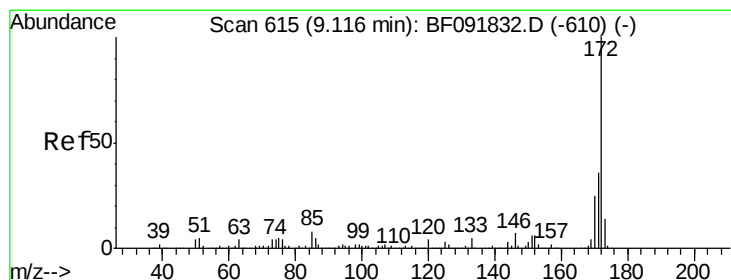
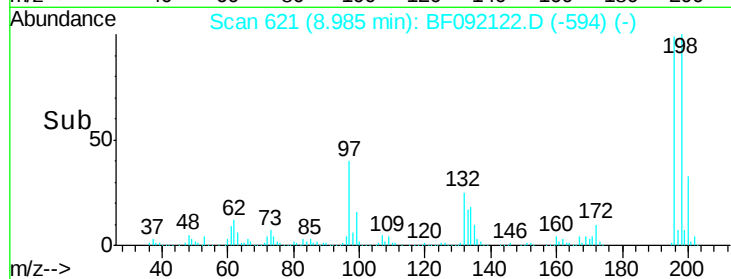
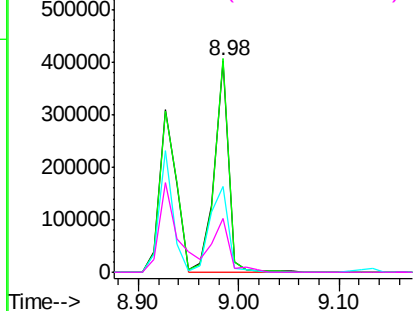
#43
2,4,5-Trichlorophenol
Concen: 47.92 ng
RT: 8.98 min Scan# 621
Delta R.T. 0.01 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tgt Ion:196 Resp: 393872
Ion Ratio Lower Upper
196 100
198 101.0 79.4 119.2
97 40.4 51.5 77.3#
132 25.6 27.4 41.2#

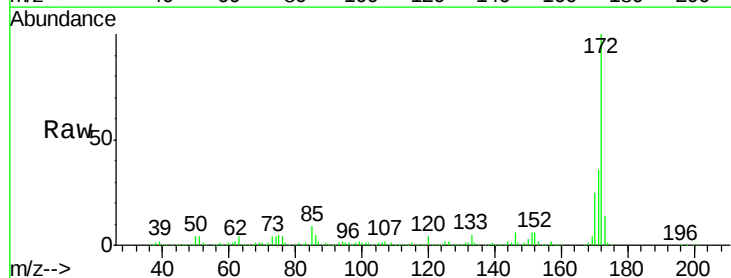


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

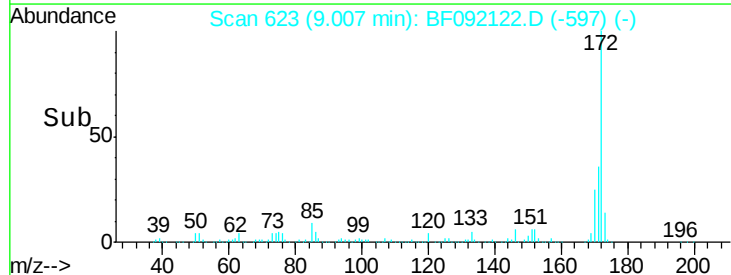
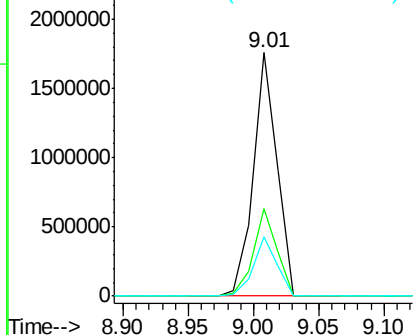


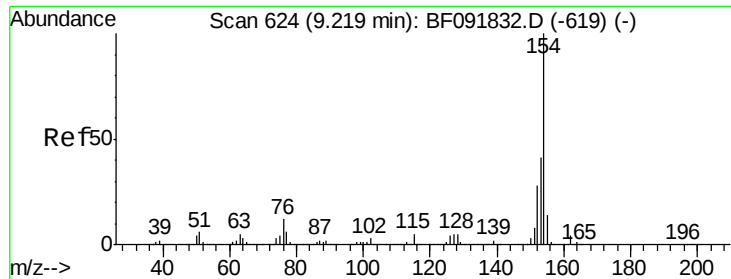
#44
2-Fluorobiphenyl
Concen: 102.84 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Tgt Ion:172 Resp: 2209074
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.5 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

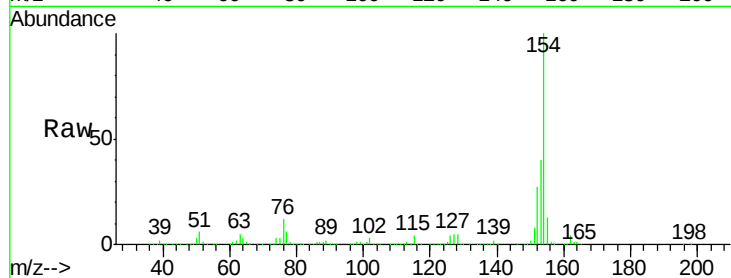




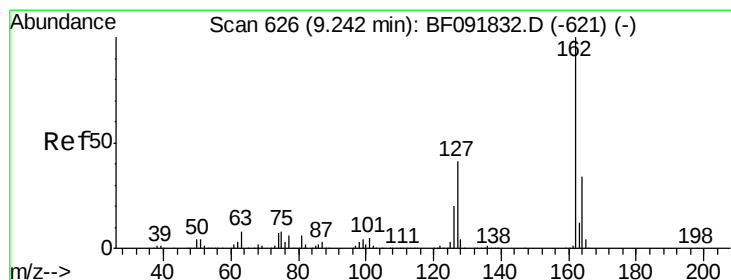
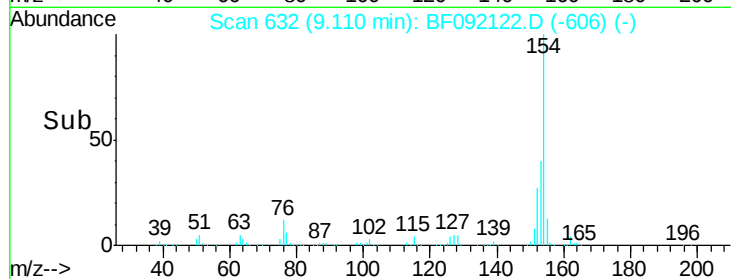
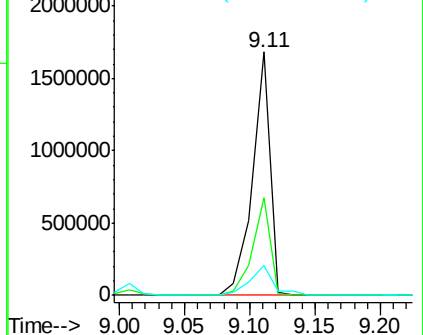
#45
 1,1'-Biphenyl
 Concen: 50.97 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Tgt Ion:154 Resp: 1577506
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.9 60.9
 76 12.3 0.0 30.5

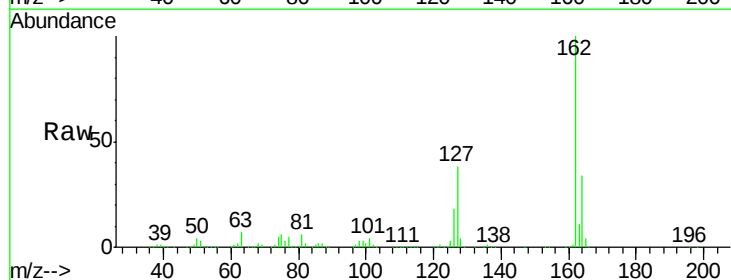


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

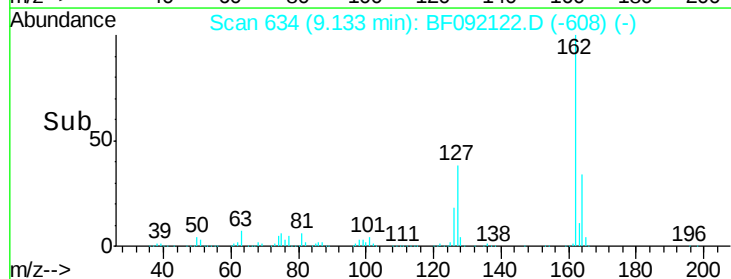
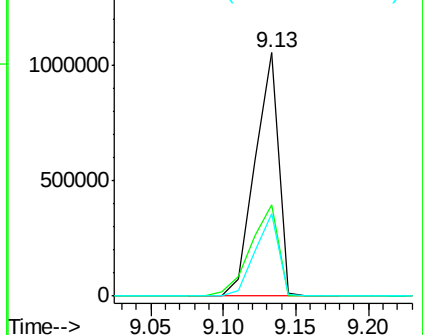


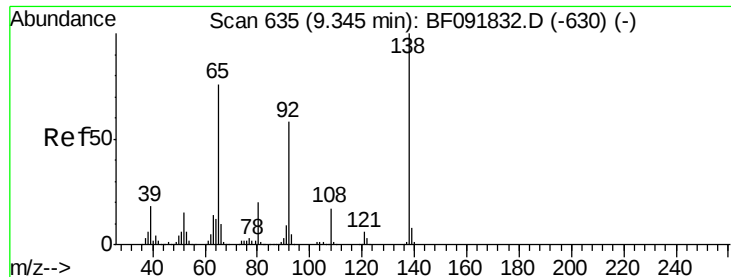
#46
 2-Chloronaphthalene
 Concen: 48.62 ng
 RT: 9.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Tgt Ion:162 Resp: 1191743
 Ion Ratio Lower Upper
 162 100
 127 37.5 30.7 46.1
 164 33.7 27.6 41.4



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





#47

2-Nitroaniline

Concen: 46.95 ng

RT: 9.24 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

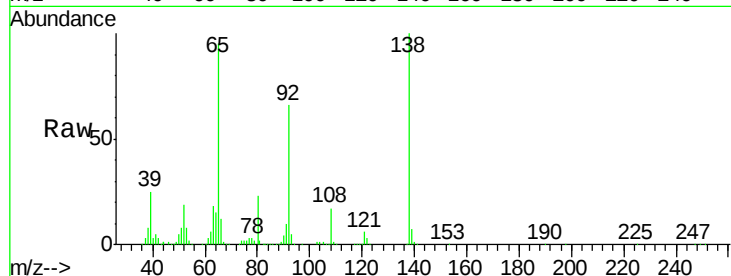
Tgt Ion: 65 Resp: 409690

Ion Ratio Lower Upper

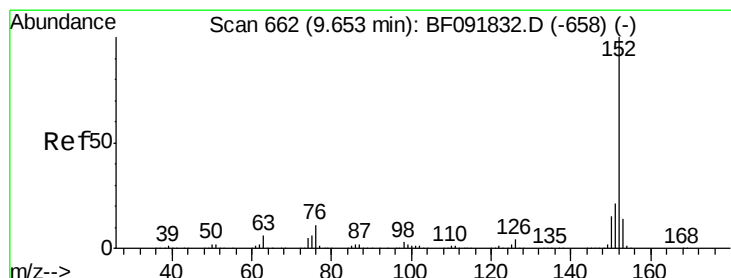
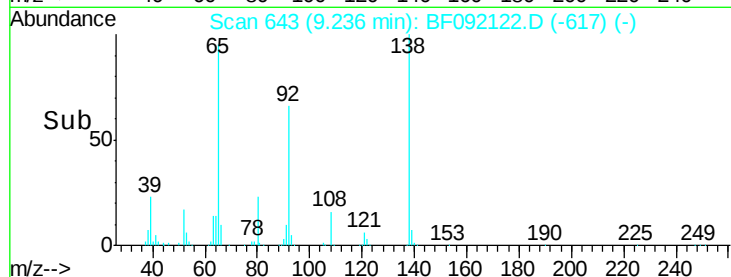
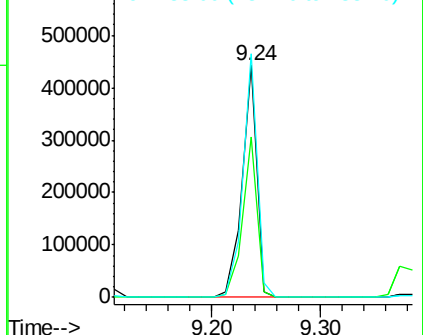
65 100

92 69.0 53.9 80.9

138 105.0 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 48.56 ng

RT: 9.54 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

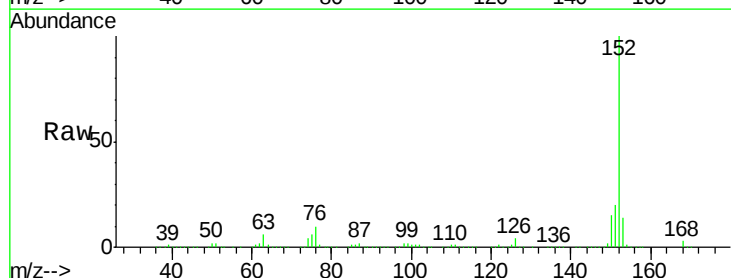
Tgt Ion: 152 Resp: 1830318

Ion Ratio Lower Upper

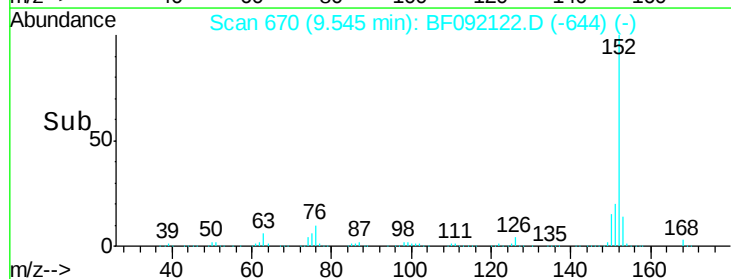
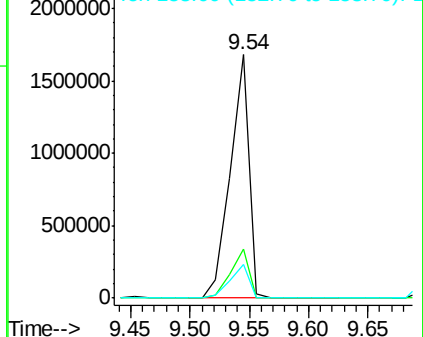
152 100

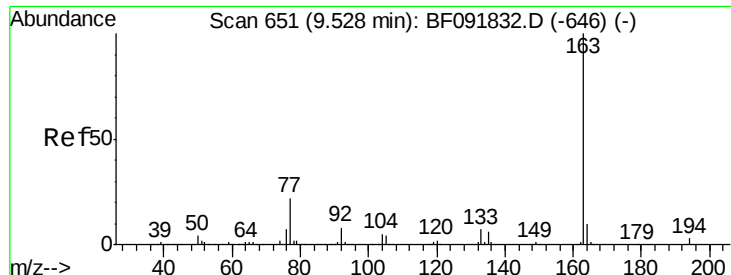
151 20.4 16.9 25.3

153 14.1 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

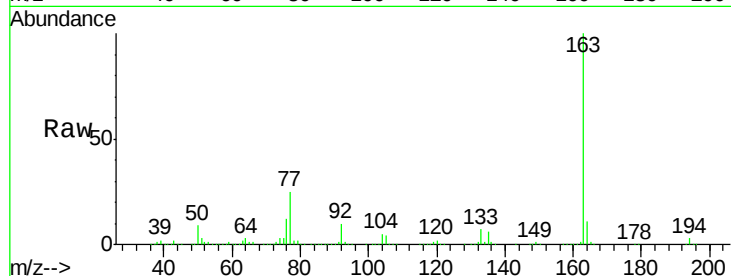




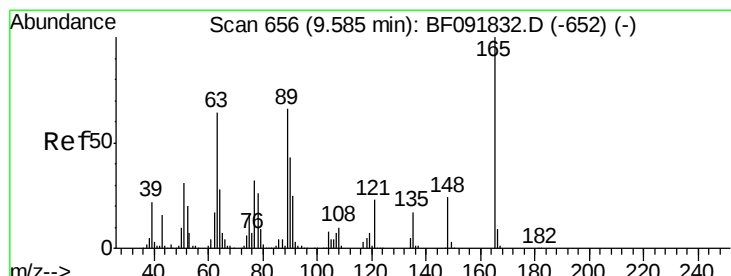
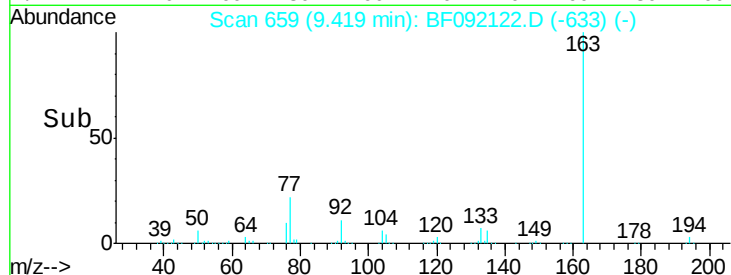
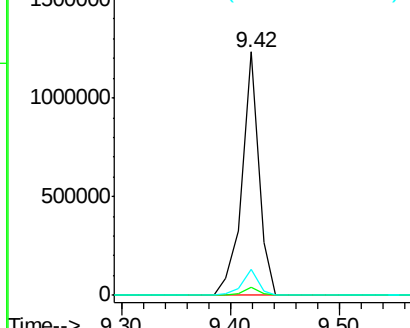
#49
Dimethylphthalate
Concen: 45.52 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tgt Ion:163 Resp: 1316086
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.5 8.0 12.0

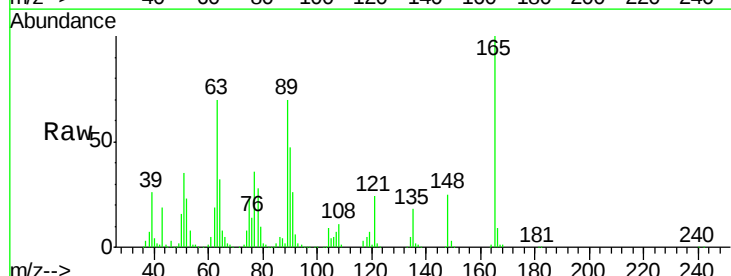


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

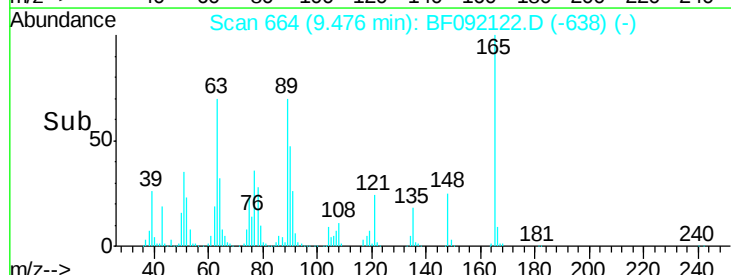
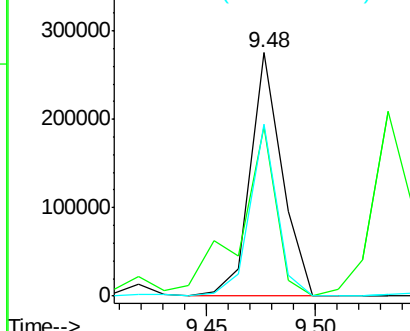


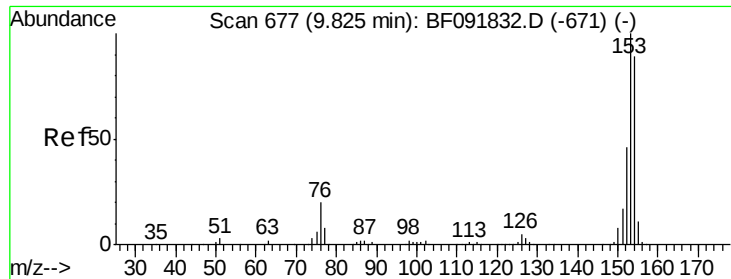
#50
2,6-Dinitrotoluene
Concen: 44.17 ng
RT: 9.48 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Tgt Ion:165 Resp: 279500
Ion Ratio Lower Upper
165 100
63 69.7 36.2 54.4#
89 70.5 40.2 60.4#



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





#51

Acenaphthene

Concen: 45.71 ng

RT: 9.72 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

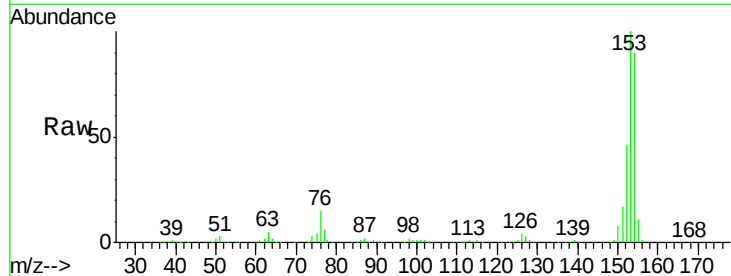
Tgt Ion:154 Resp: 1168235

Ion Ratio Lower Upper

154 100

153 111.3 88.6 133.0

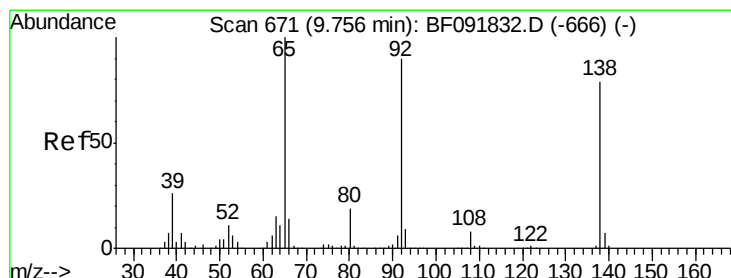
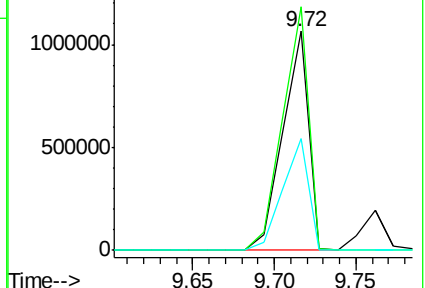
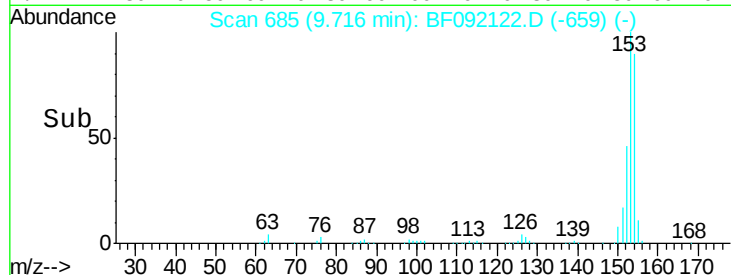
152 51.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 6.34 ng

RT: 9.65 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

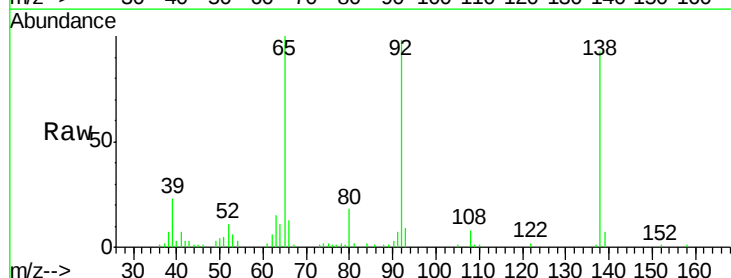
Tgt Ion:138 Resp: 49657

Ion Ratio Lower Upper

138 100

108 9.0 8.5 12.7

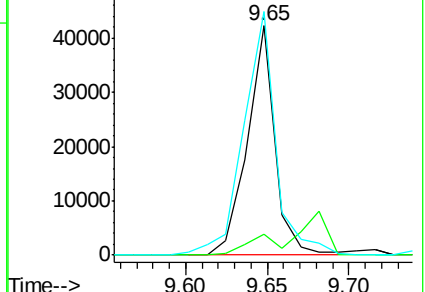
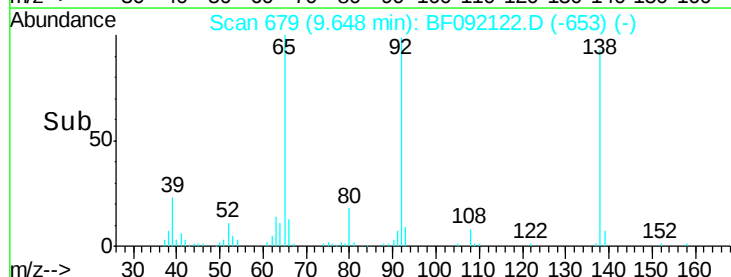
92 106.3 97.8 146.8

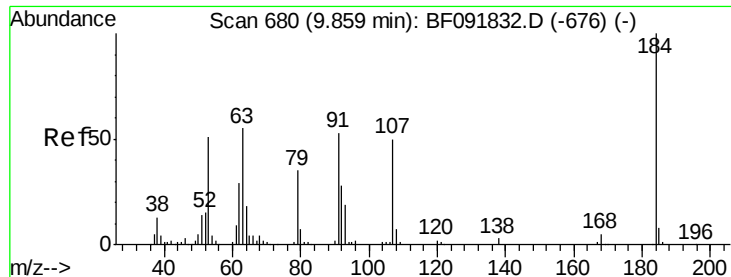


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

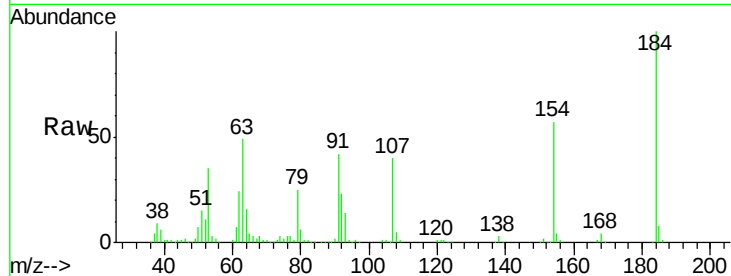




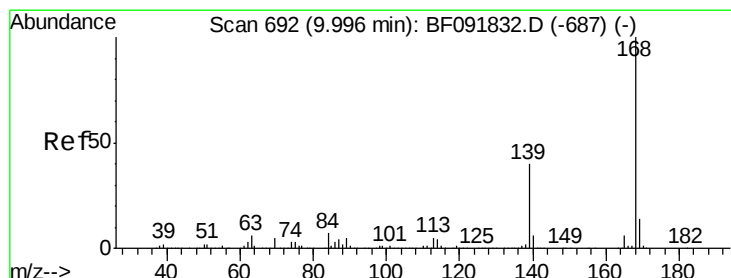
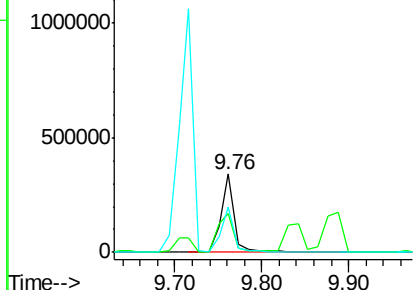
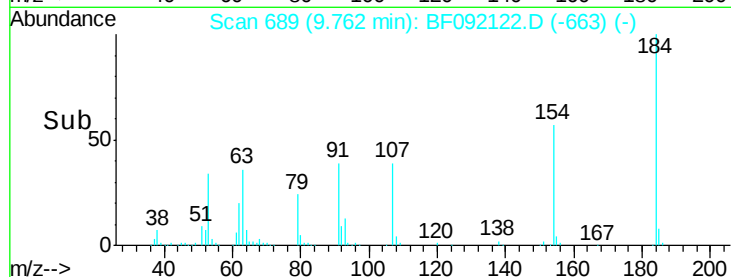
#53
 2,4-Dinitrophenol
 Concen: 105.85 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Tgt Ion:184 Resp: 372698
 Ion Ratio Lower Upper
 184 100
 63 49.2 28.4 42.6#
 154 57.1 44.3 66.5

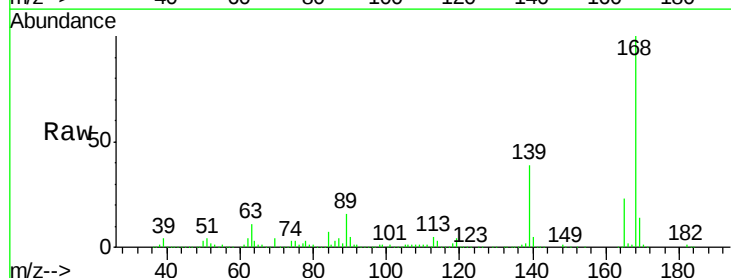


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

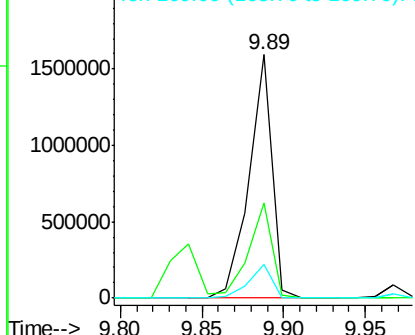
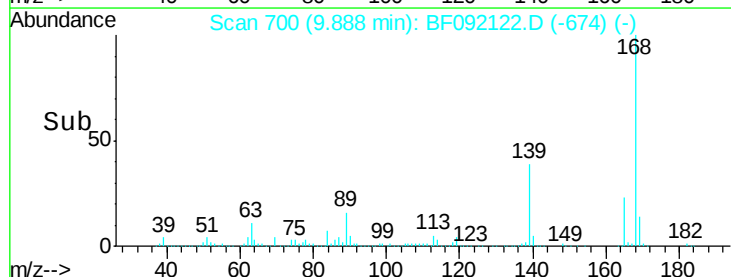


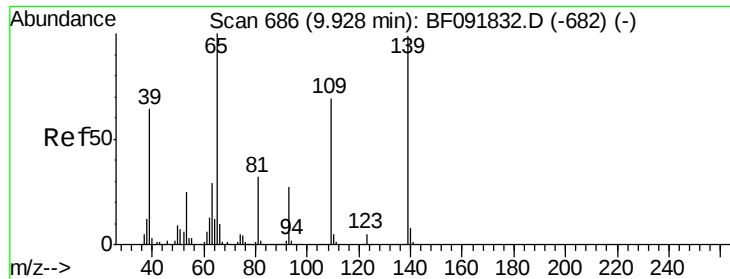
#54
 Dibenzofuran
 Concen: 45.08 ng
 RT: 9.89 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Tgt Ion:168 Resp: 1555685
 Ion Ratio Lower Upper
 168 100
 139 39.0 32.6 49.0
 169 13.7 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

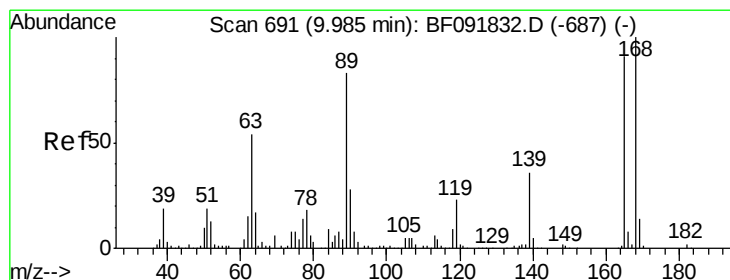
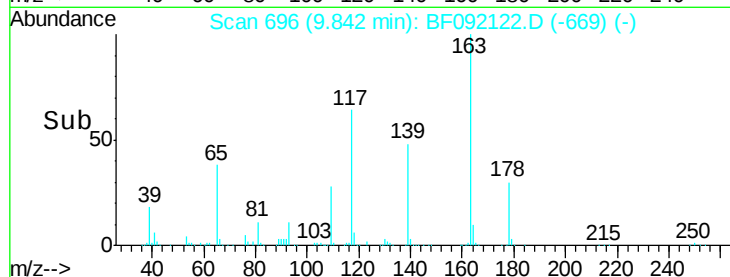
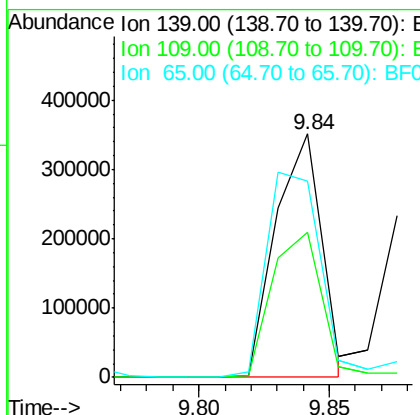
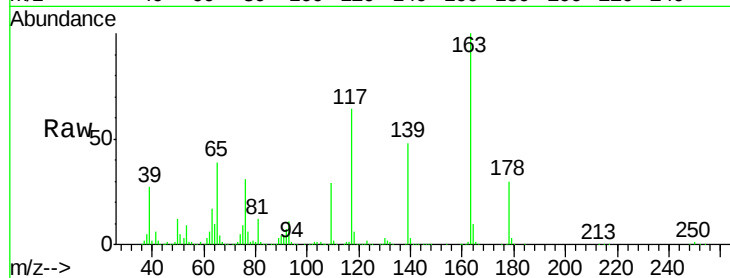




#55
4-Nitrophenol
Concen: 81.02 ng
RT: 9.84 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

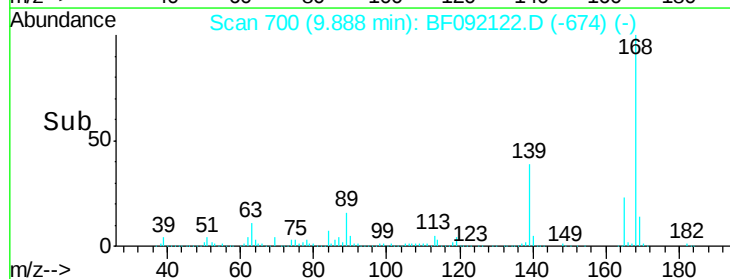
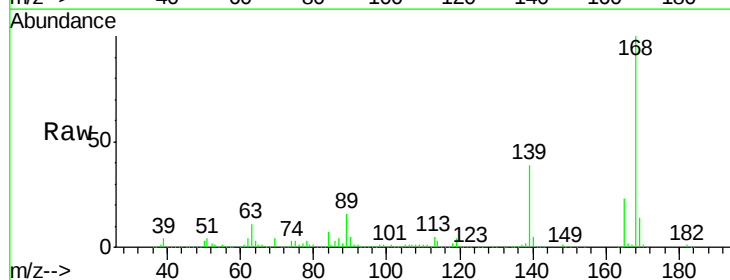
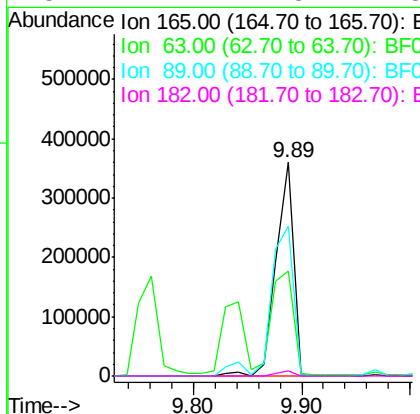
Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

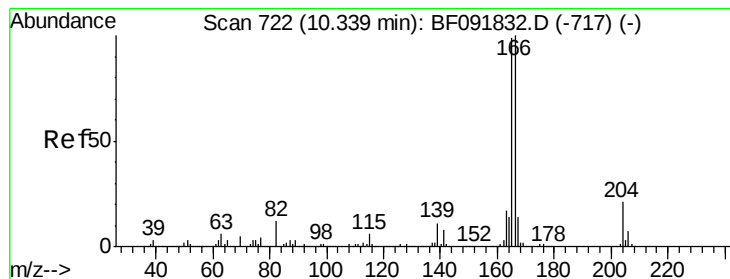
Tgt Ion:139 Resp: 430768
Ion Ratio Lower Upper
139 100
109 59.6 52.2 92.2
65 80.6 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 50.44 ng
RT: 9.89 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Tgt Ion:165 Resp: 400612
Ion Ratio Lower Upper
165 100
63 49.2 40.2 60.4
89 70.2 62.5 93.7
182 2.2 1.8 2.8





#57

Fluorene

Concen: 49.92 ng

RT: 10.23 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

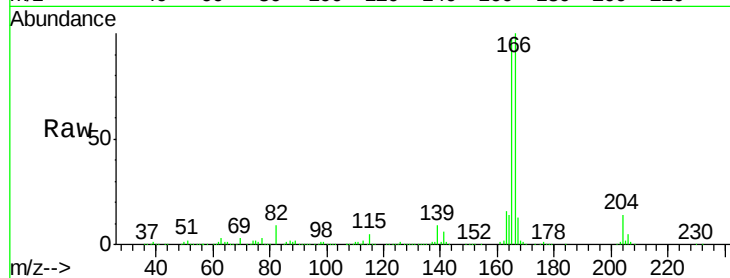
Tgt Ion:166 Resp: 1253340

Ion Ratio Lower Upper

166 100

165 97.4 77.8 116.8

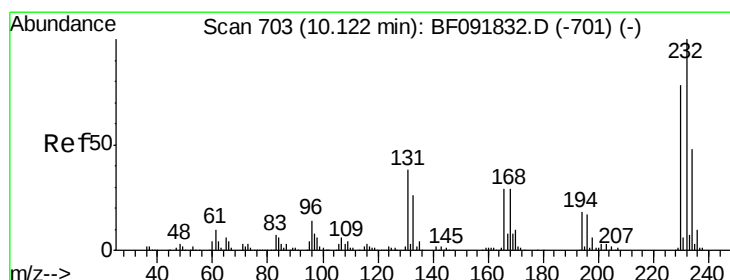
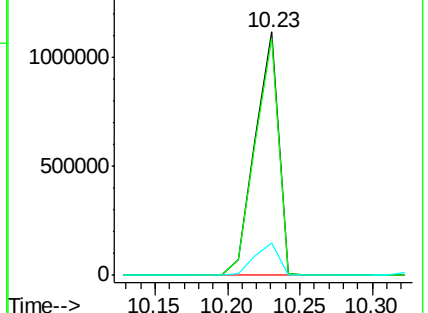
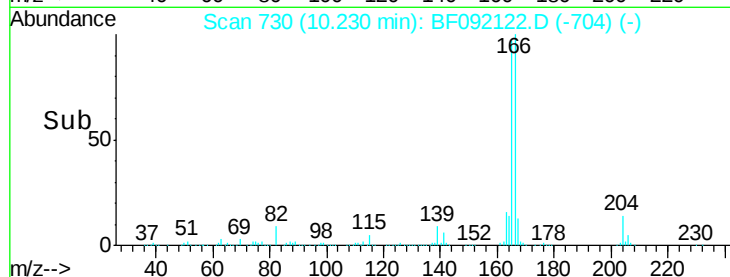
167 13.3 10.8 16.2



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: 50.45 ng

RT: 10.01 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Tgt Ion:232 Resp: 327961

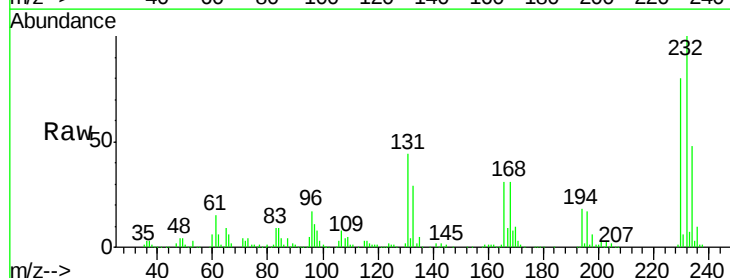
Ion Ratio Lower Upper

232 100

131 48.5 40.1 60.1

130 2.3 1.8 2.8

166 31.7 26.6 39.8

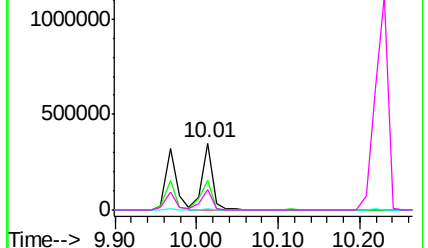
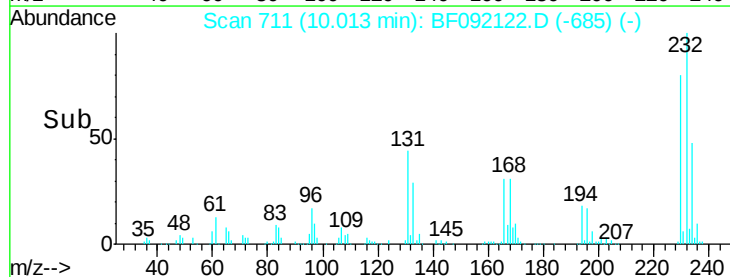


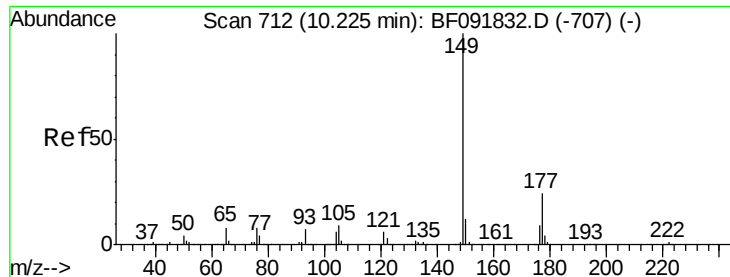
Abundance Ion 232.00 (231.70 to 232.70): E

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

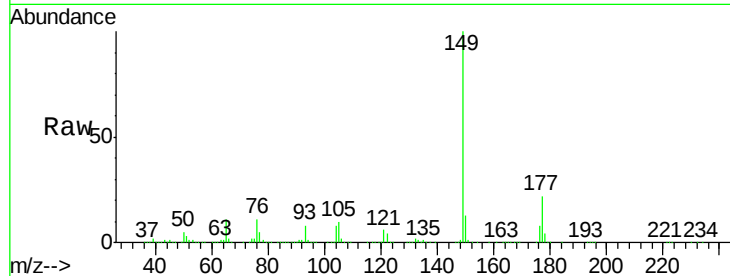




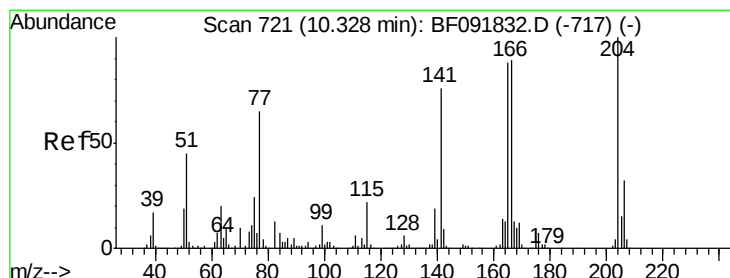
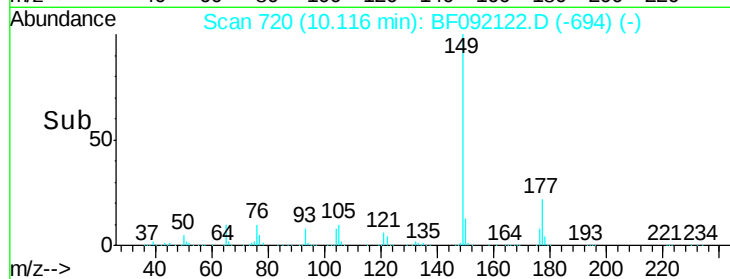
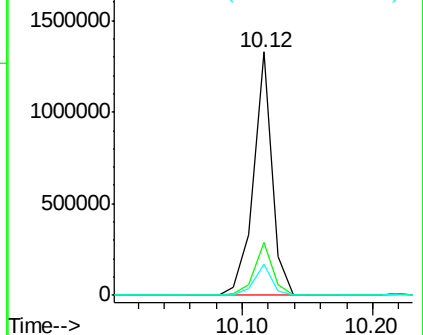
#59
Diethylphthalate
Concen: 46.79 ng
RT: 10.12 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tgt Ion:149 Resp: 1313672
Ion Ratio Lower Upper
149 100
177 21.5 16.6 25.0
150 12.7 10.4 15.6

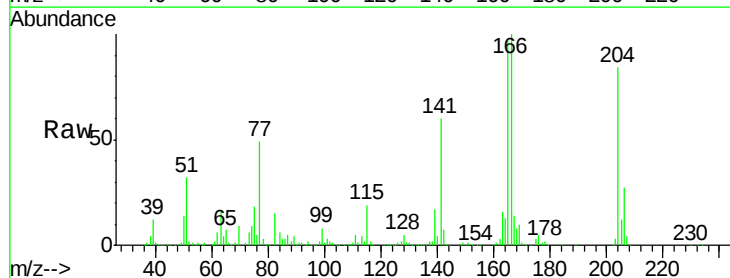


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

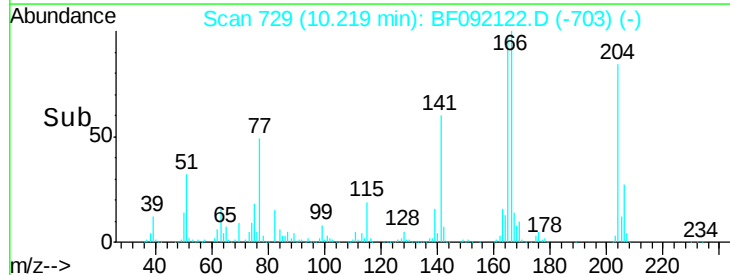
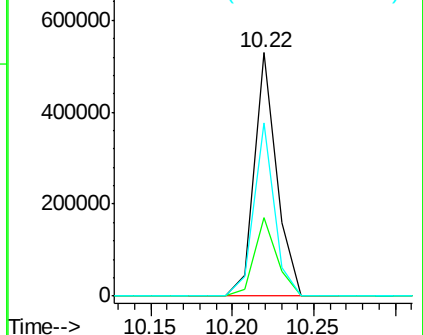


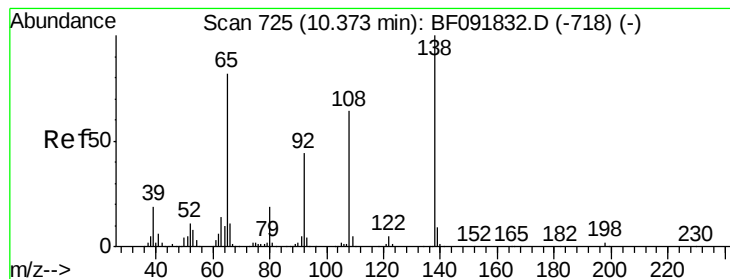
#60
4-Chlorophenyl-phenylether
Concen: 46.02 ng
RT: 10.22 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Tgt Ion:204 Resp: 505924
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 71.1 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: 41.11 ng

RT: 10.26 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

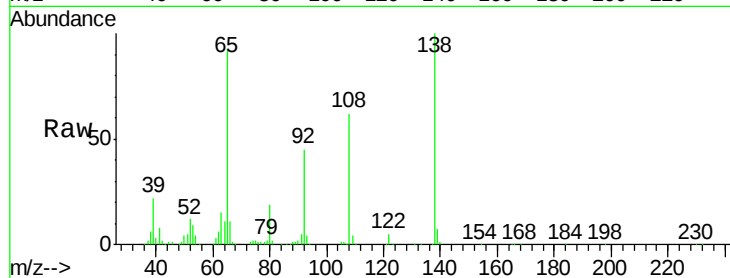
Tgt Ion:138 Resp: 333603

Ion Ratio Lower Upper

138 100

92 44.9 31.7 71.7

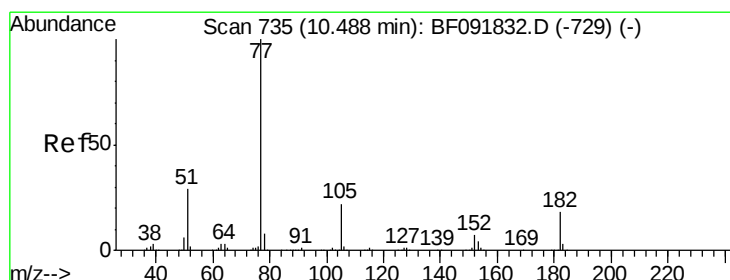
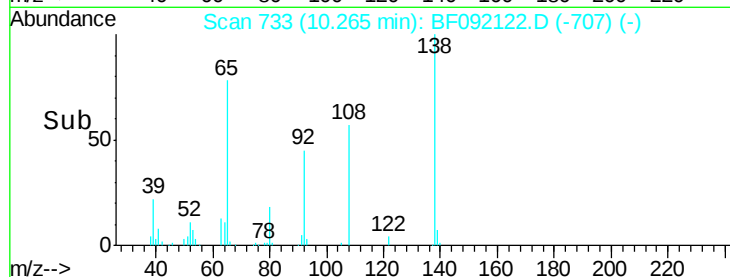
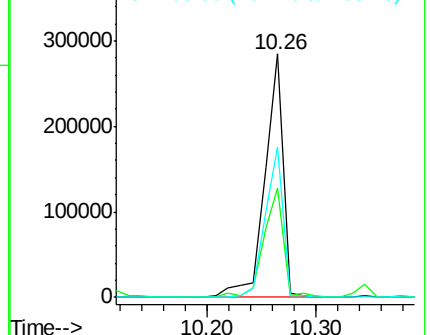
108 61.8 52.6 92.6



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: 49.10 ng

RT: 10.38 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Tgt Ion: 77 Resp: 1517809

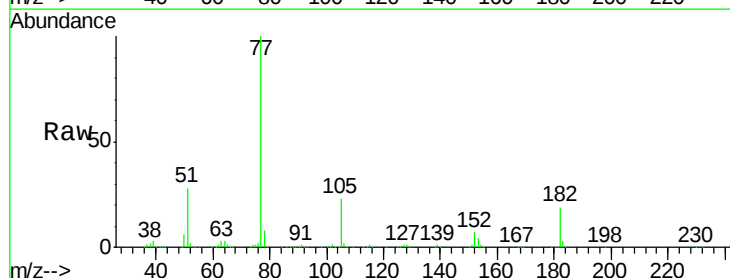
Ion Ratio Lower Upper

77 100

182 19.3 0.0 39.3

105 23.2 2.3 42.3

51 27.5 8.9 48.9

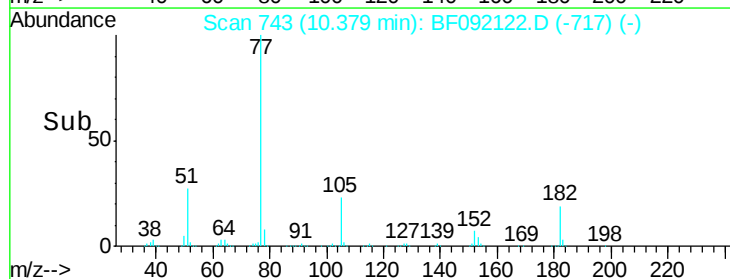
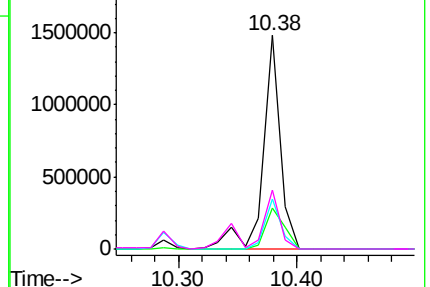


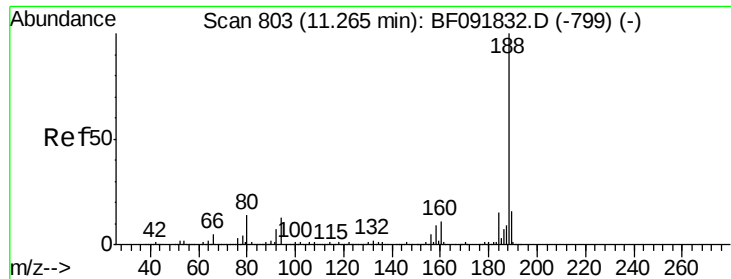
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

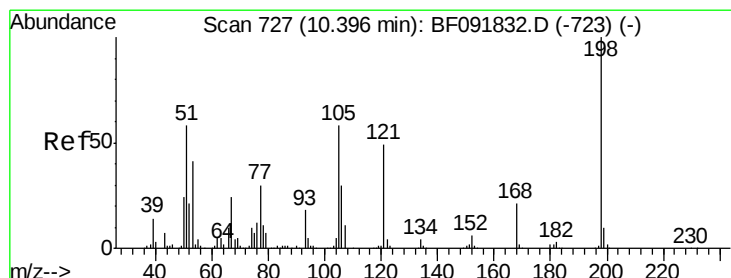
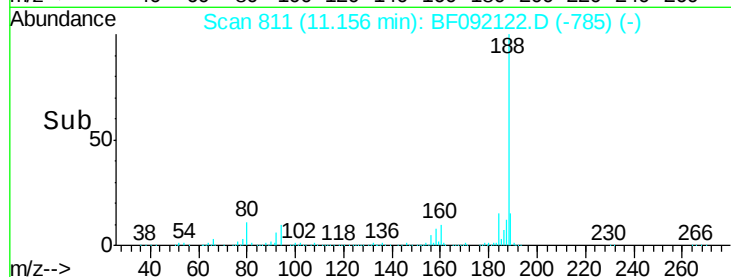
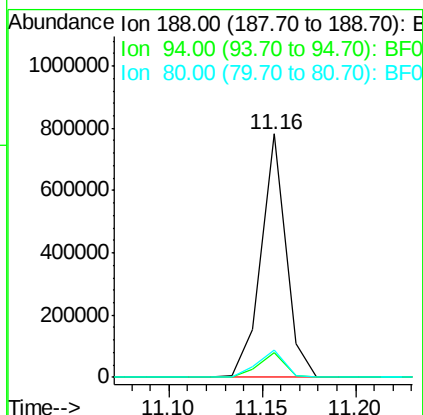
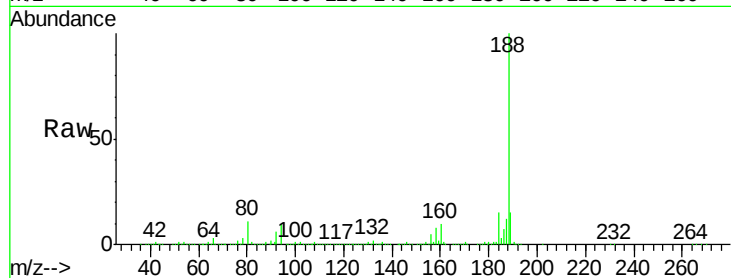




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

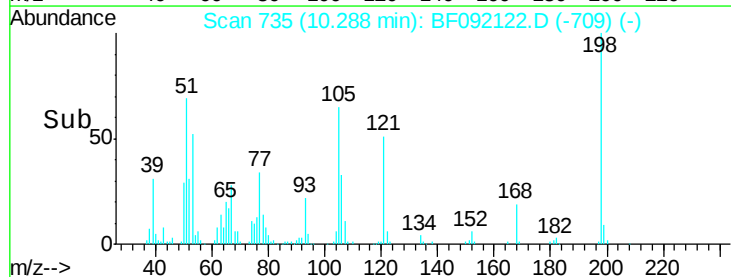
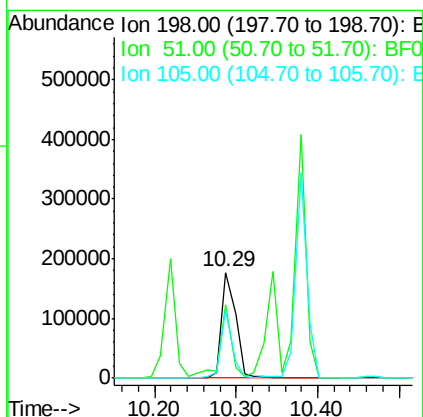
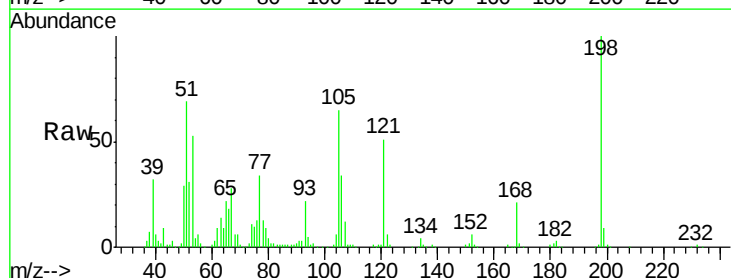
Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

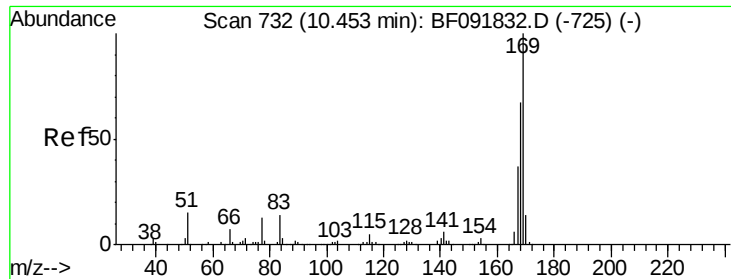
Tgt Ion:188 Resp: 722204
Ion Ratio Lower Upper
188 100
94 10.3 10.0 15.0
80 11.0 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 50.19 ng
RT: 10.29 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Tgt Ion:198 Resp: 219200
Ion Ratio Lower Upper
198 100
51 69.4 6.7 46.7#
105 64.8 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 48.78 ng

RT: 10.34 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

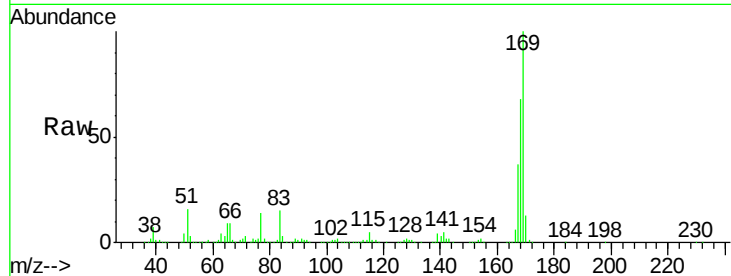
Tgt Ion:169 Resp: 1045356

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

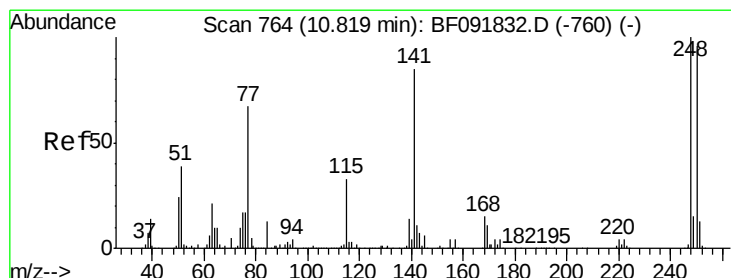
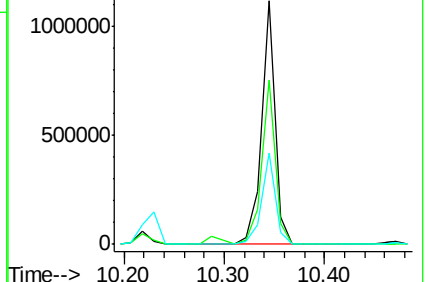
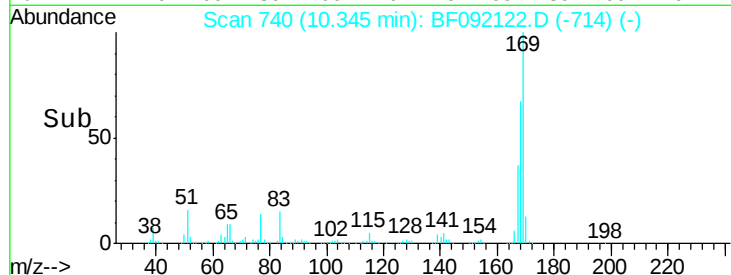
167 37.3 30.2 45.4



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: 50.46 ng

RT: 10.71 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

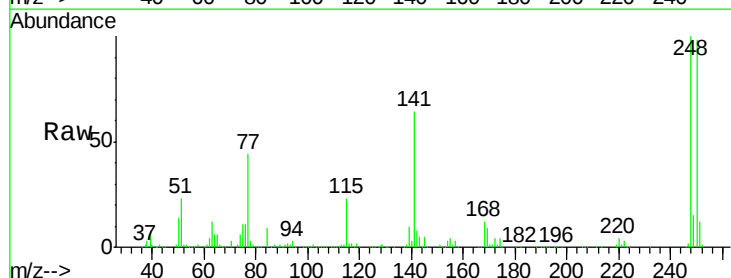
Tgt Ion:248 Resp: 379096

Ion Ratio Lower Upper

248 100

250 97.6 76.9 115.3

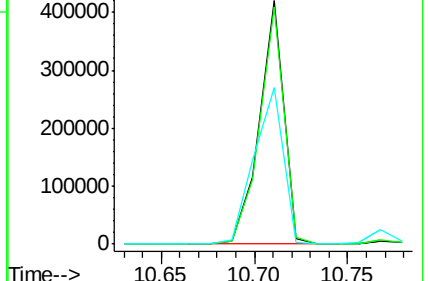
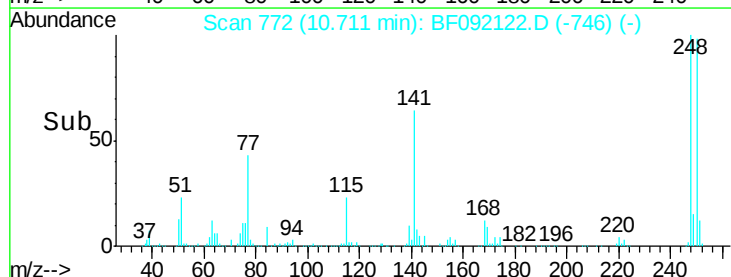
141 64.4 68.2 102.4#

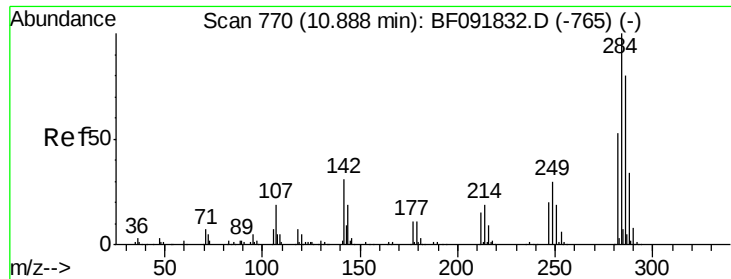


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

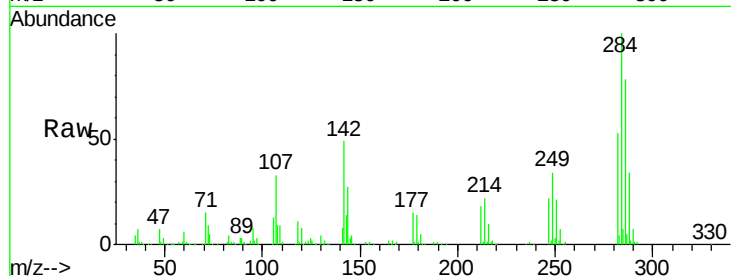




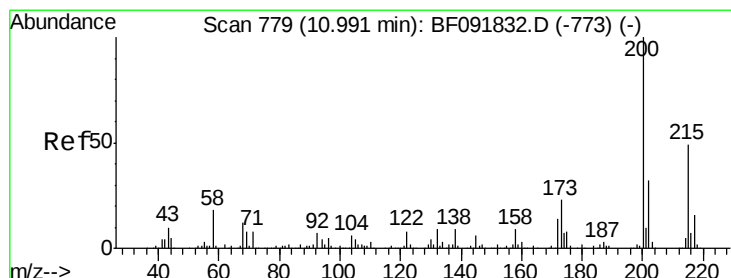
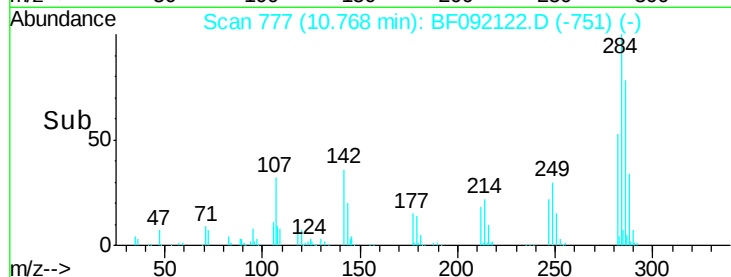
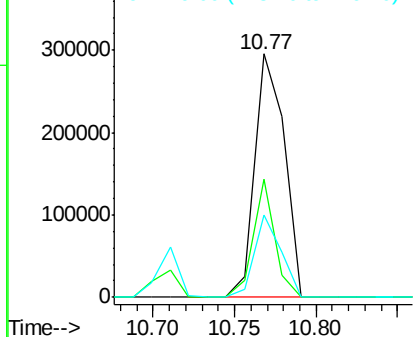
#67
Hexachlorobenzene
Concen: 46.34 ng
RT: 10.77 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tgt Ion:284 Resp: 372139
Ion Ratio Lower Upper
284 100
142 48.8 22.6 33.8#
249 33.7 25.4 38.0

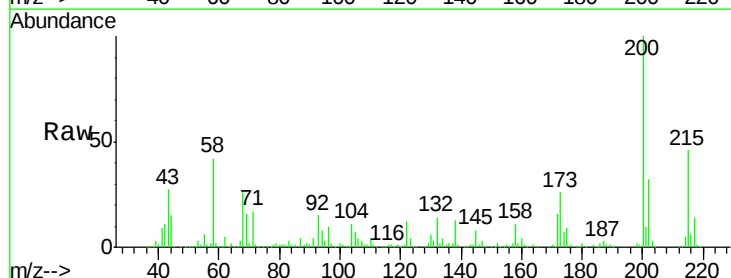


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

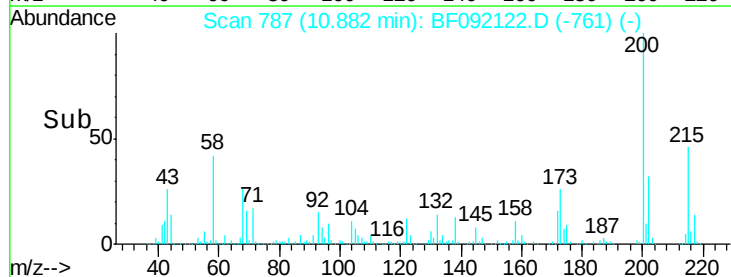
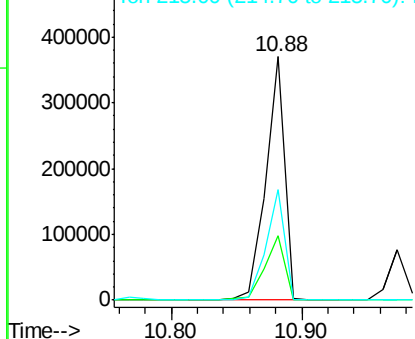


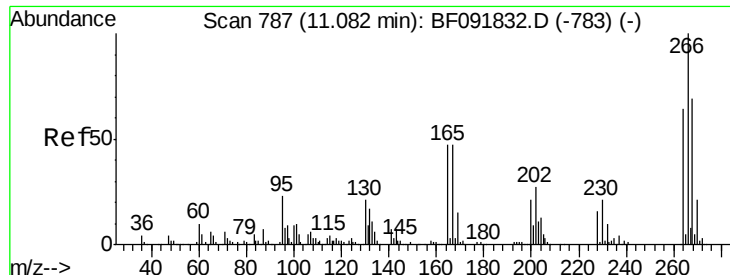
#68
Atrazine
Concen: 53.75 ng
RT: 10.88 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Tgt Ion:200 Resp: 371586
Ion Ratio Lower Upper
200 100
173 26.4 9.6 49.6
215 45.5 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

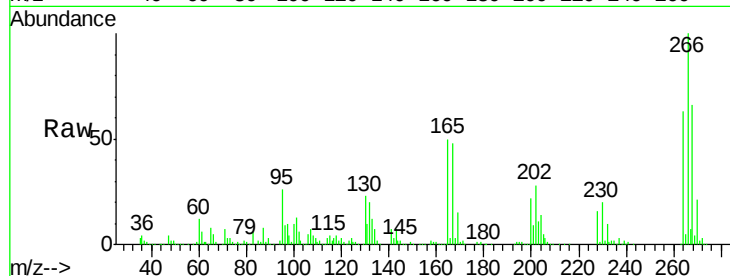




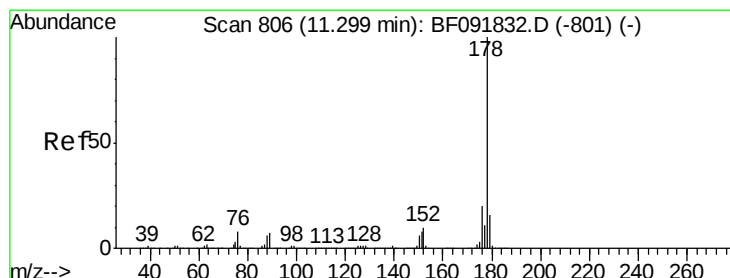
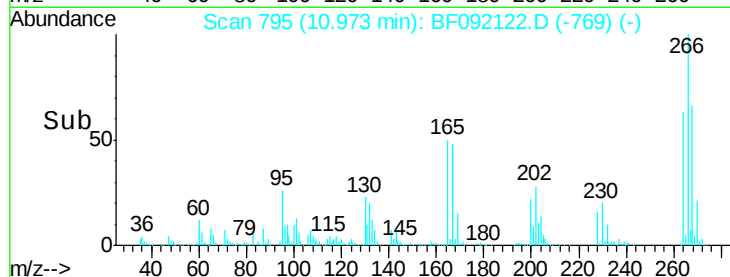
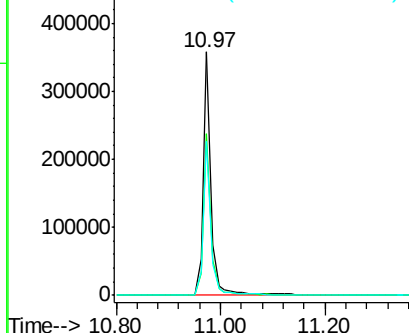
#69
 Pentachlorophenol
 Concen: 95.23 ng
 RT: 10.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Tgt Ion:266 Resp: 375227
 Ion Ratio Lower Upper
 266 100
 268 66.5 53.3 79.9
 264 63.5 50.3 75.5

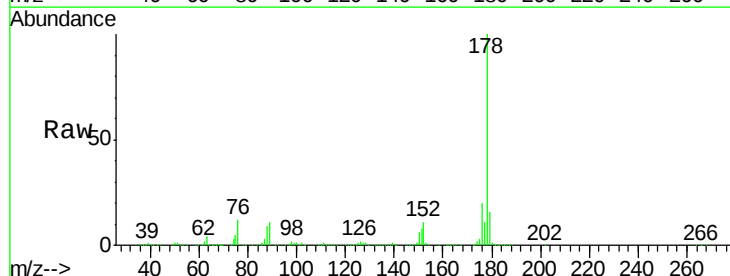


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

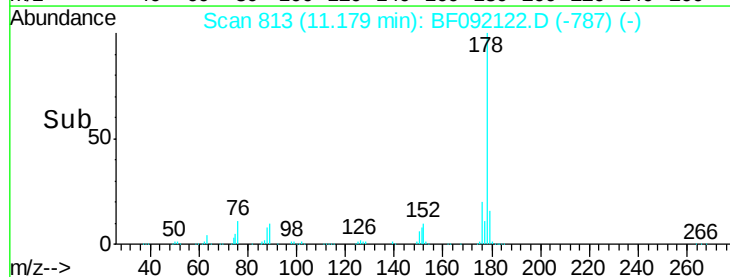
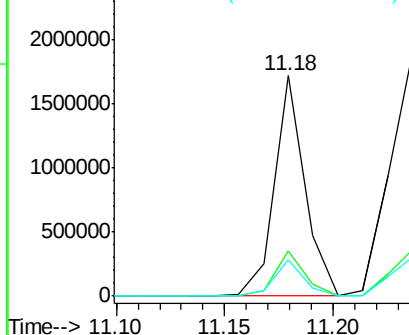


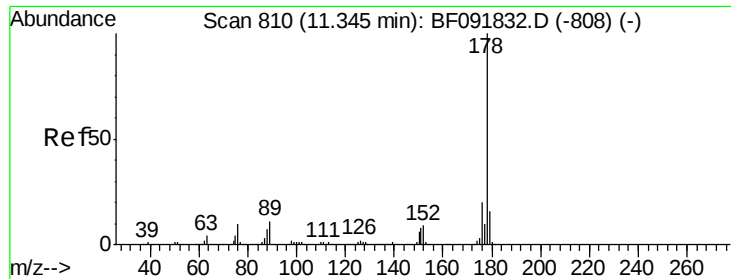
#70
 Phenanthrene
 Concen: 43.02 ng
 RT: 11.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Tgt Ion:178 Resp: 1684632
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.6 25.0
 179 16.3 12.8 19.2



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

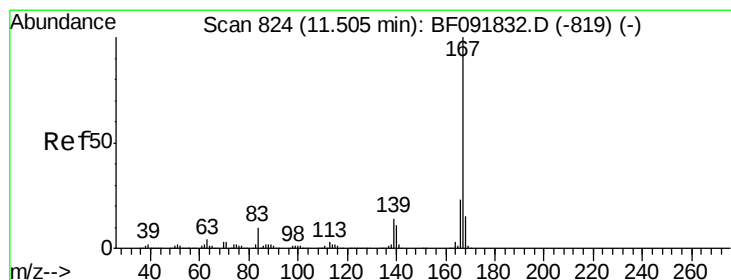
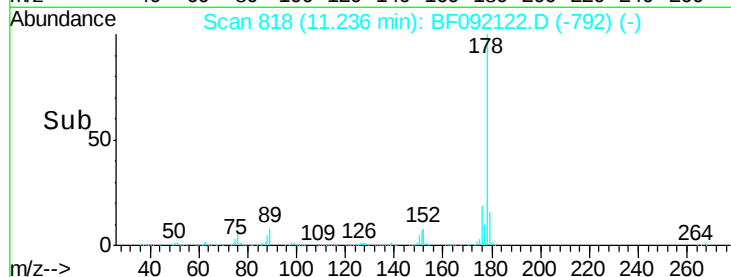
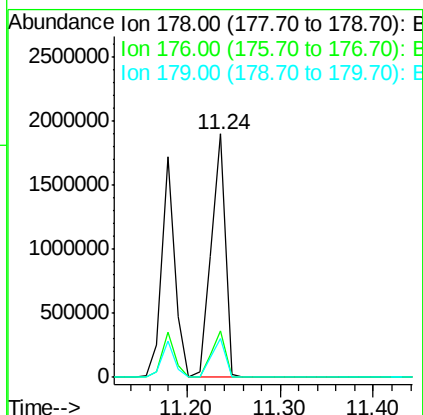
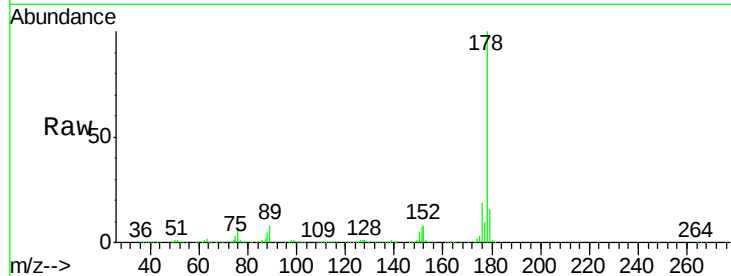




#71
 Anthracene
 Concen: 73.11 ng
 RT: 11.24 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

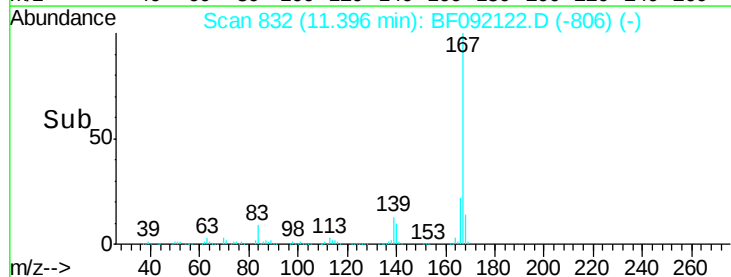
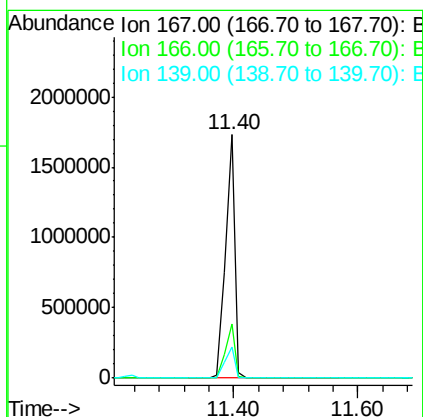
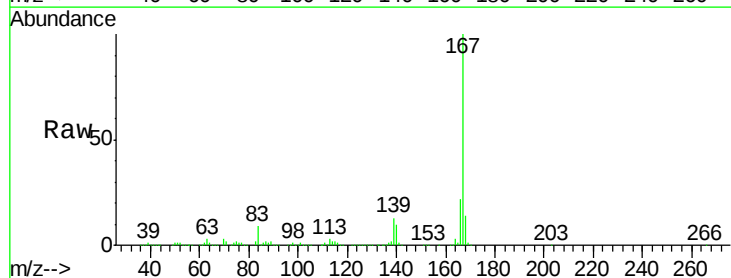
Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

Tgt Ion:178 Resp: 2003520
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 15.8 13.2 19.8



#72
 Carbazole
 Concen: Below Cal
 RT: 11.40 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Tgt Ion:167 Resp: 1754531
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 13.0 11.4 17.2





#73

Di-n-butylphthalate

Concen: 54.17 ng

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

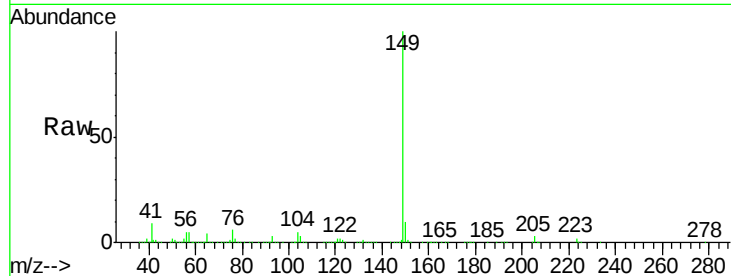
Tgt Ion:149 Resp: 1978976

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

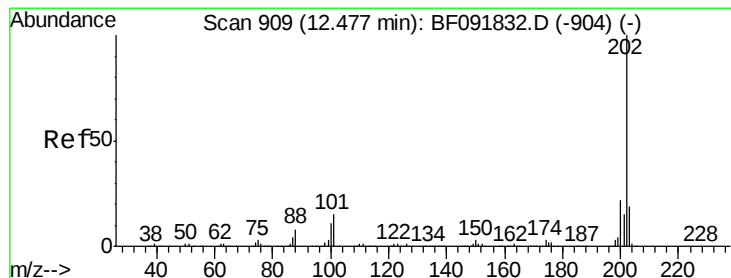
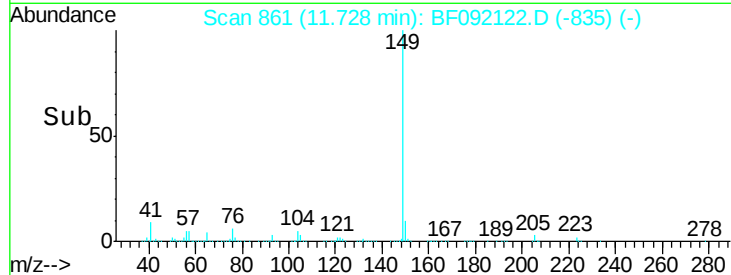
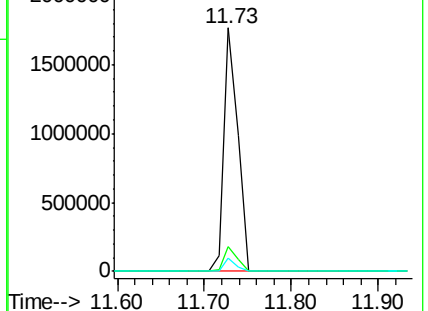
104 5.4 4.6 7.0



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: 55.15 ng

RT: 12.37 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

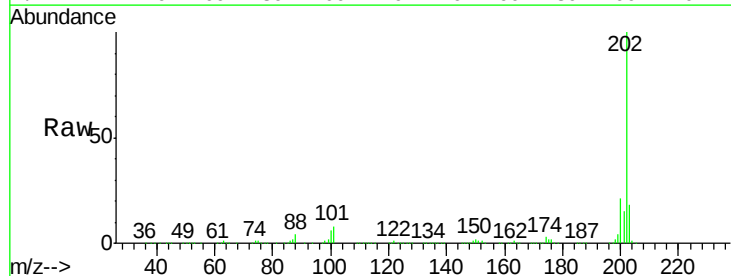
Tgt Ion:202 Resp: 1865145

Ion Ratio Lower Upper

202 100

101 8.4 0.0 34.6

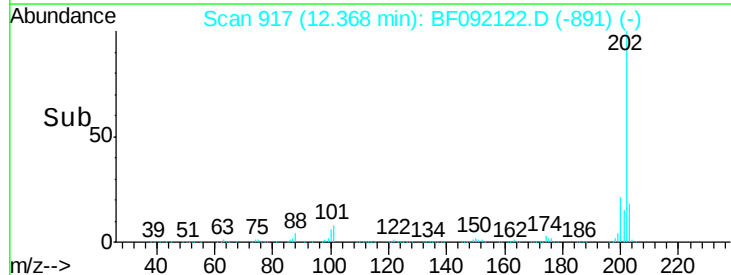
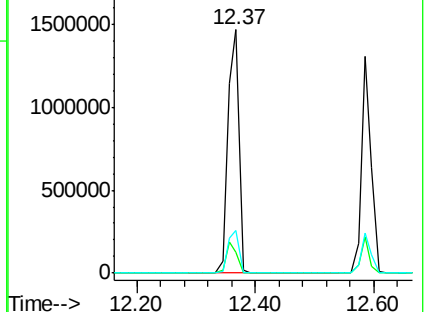
203 17.6 0.0 38.7

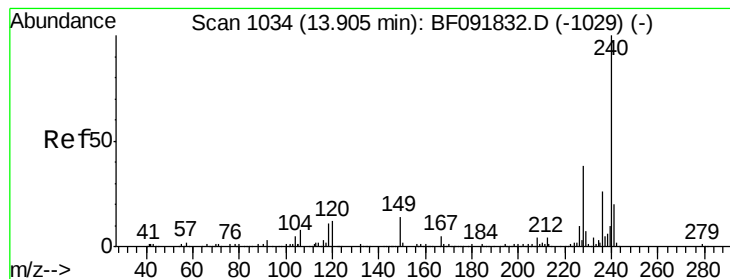


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

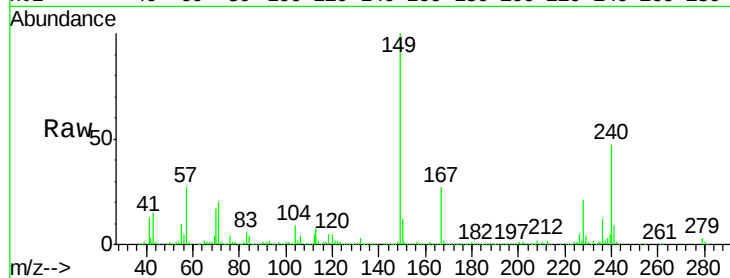
Tgt Ion:240 Resp: 382799

Ion Ratio Lower Upper

240 100

120 10.8 12.9 19.3#

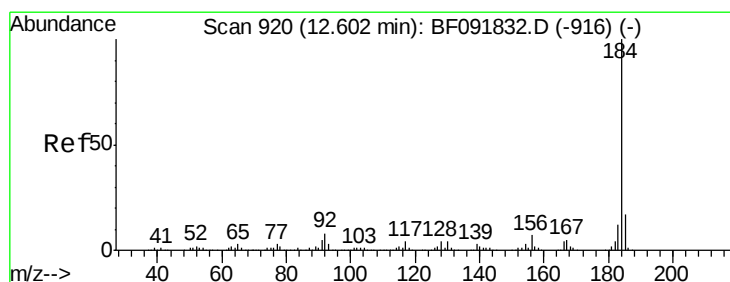
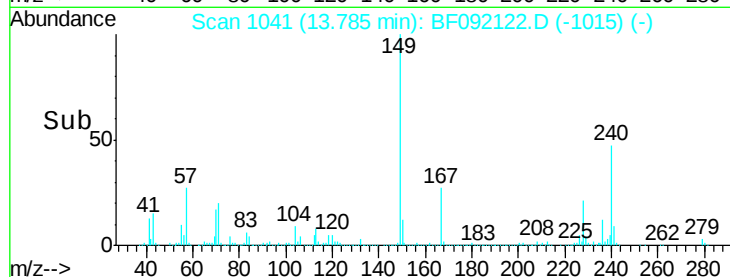
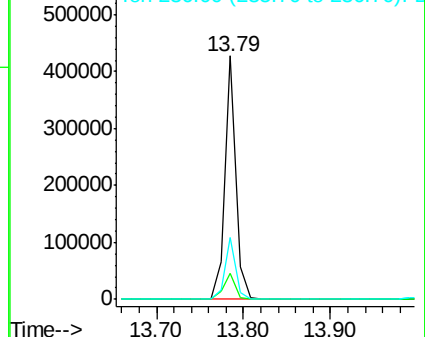
236 25.5 20.9 31.3



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: 9.90 ng

RT: 12.49 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

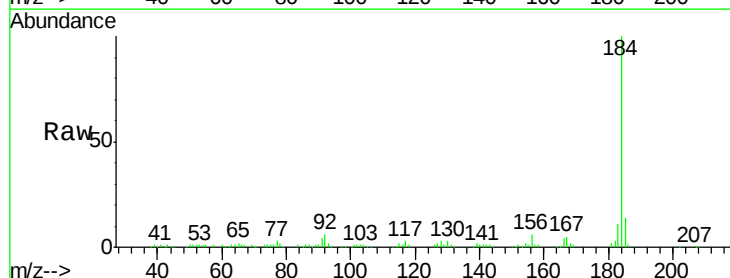
Tgt Ion:184 Resp: 130447

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

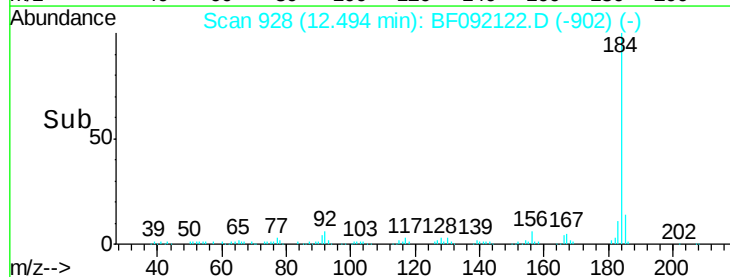
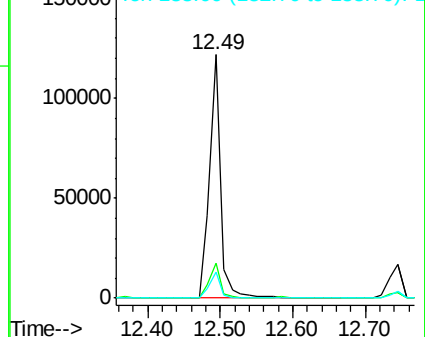
183 10.9 9.2 13.8

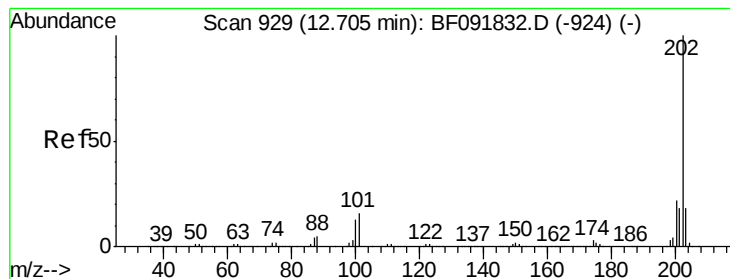


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 52.35 ng

RT: 12.58 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

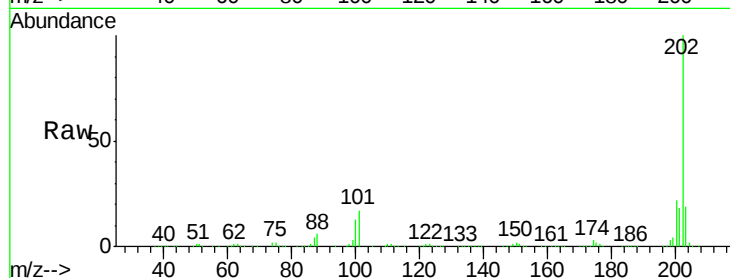
Tgt Ion:202 Resp: 1470376

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

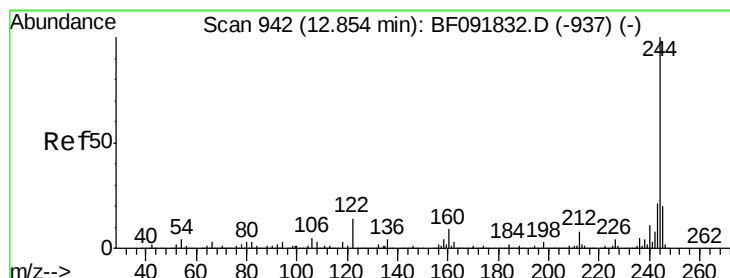
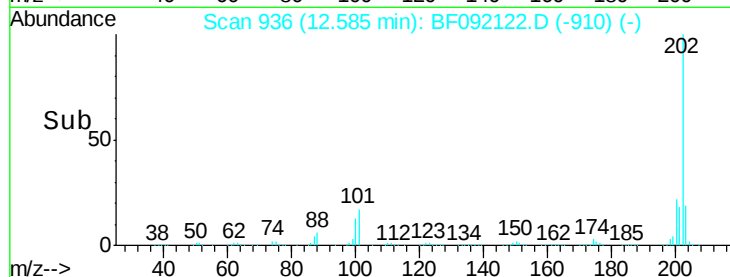
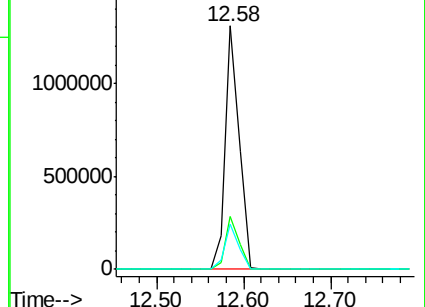
203 18.6 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.56 ng

RT: 12.74 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

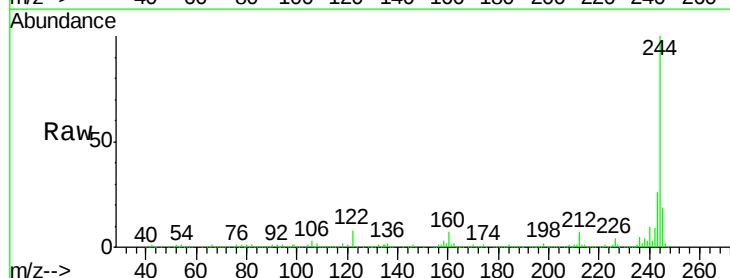
Tgt Ion:244 Resp: 1382045

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

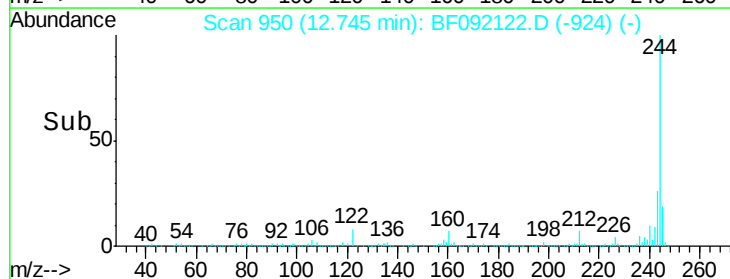
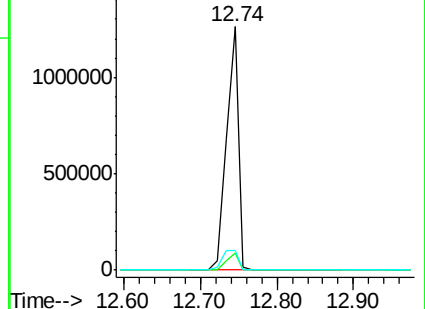
122 8.1 11.4 17.2#

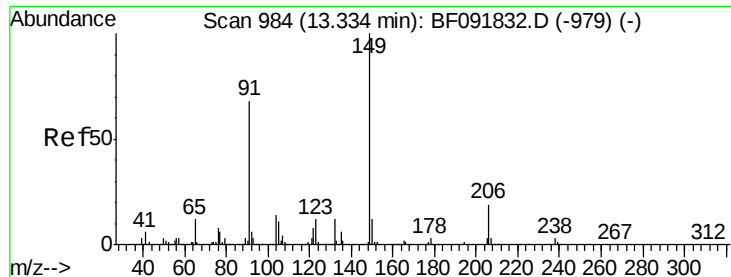


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.78 ng

RT: 13.23 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

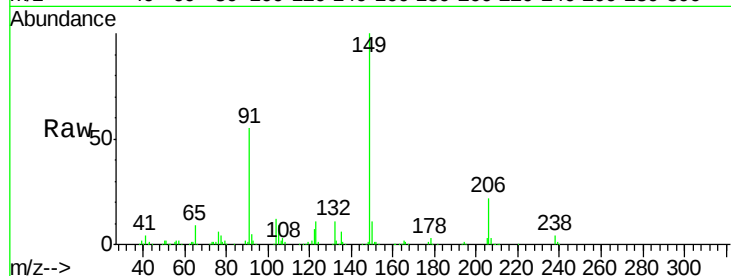
Tgt Ion:149 Resp: 457050

Ion Ratio Lower Upper

149 100

91 55.4 63.9 95.9#

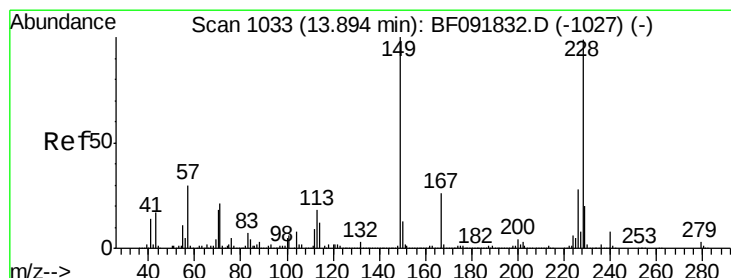
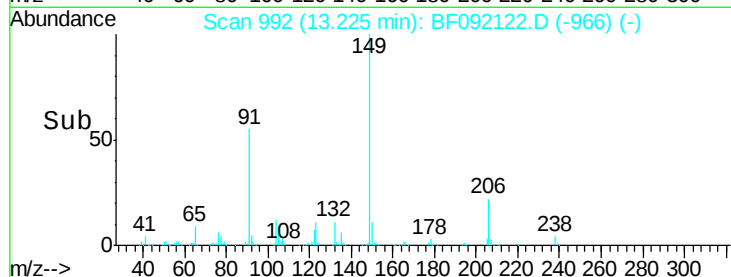
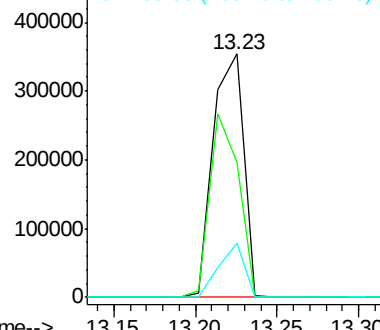
206 22.3 14.6 21.8#



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: 54.32 ng

RT: 13.77 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

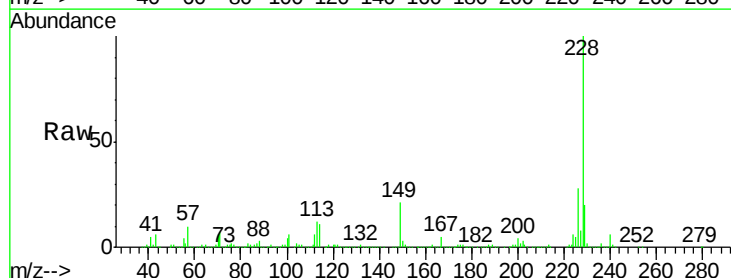
Tgt Ion:228 Resp: 1173701

Ion Ratio Lower Upper

228 100

226 27.8 22.4 33.6

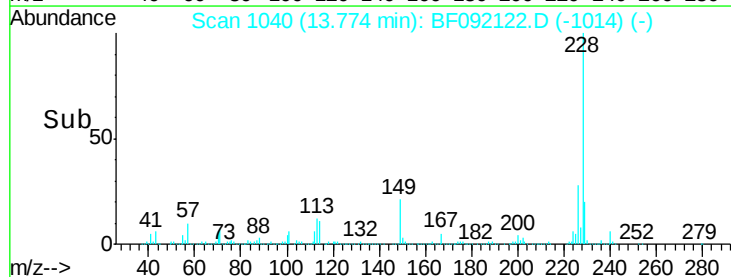
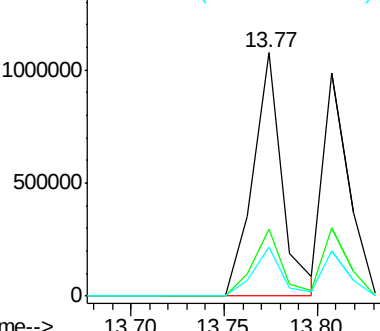
229 20.4 16.2 24.4

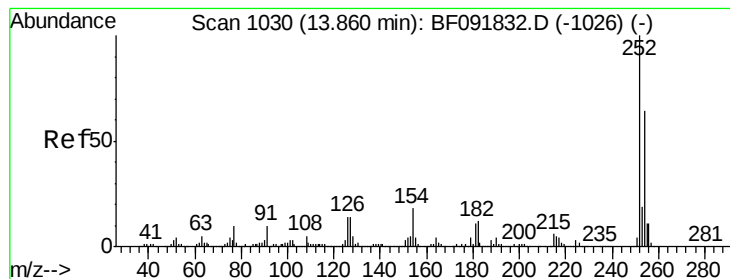


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 22.51 ng

RT: 13.74 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD

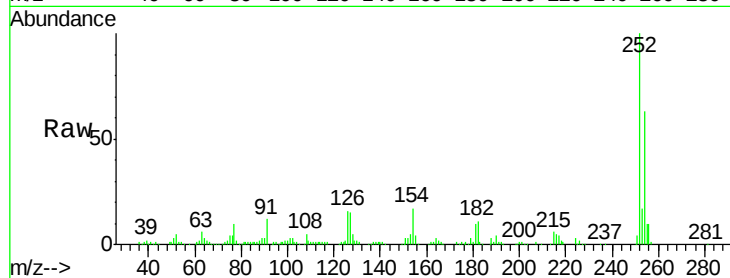
Tgt Ion:252 Resp: 184435

Ion Ratio Lower Upper

252 100

254 62.6 52.3 78.5

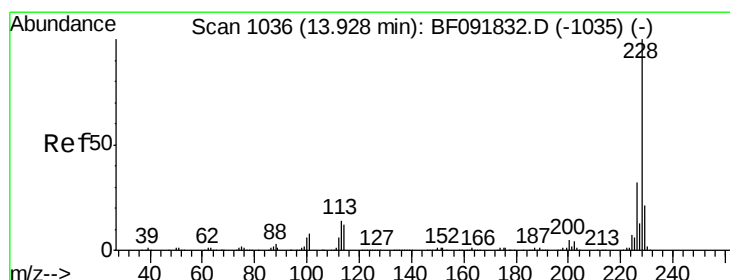
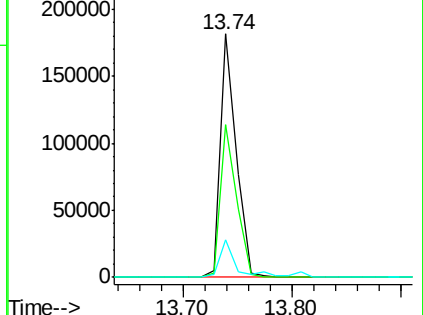
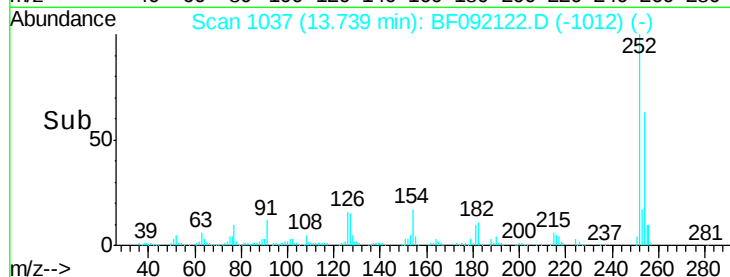
126 15.5 13.6 20.4



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: 43.89 ng

RT: 13.81 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF092122.D

Acq: 6 Jan 2017 17:39

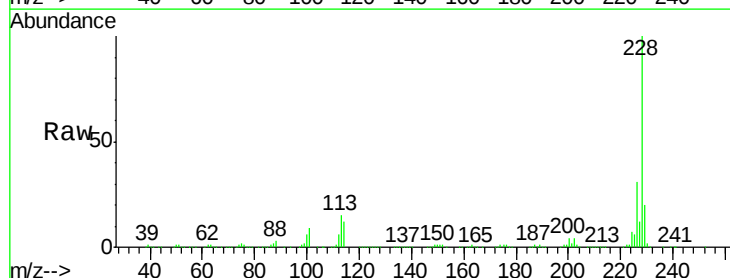
Tgt Ion:228 Resp: 951343

Ion Ratio Lower Upper

228 100

226 30.6 25.4 38.0

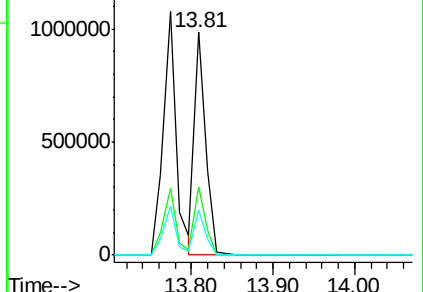
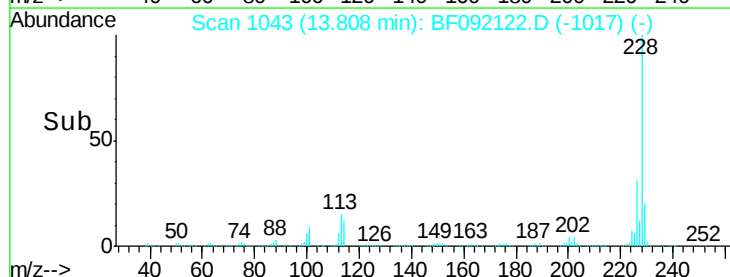
229 20.4 16.2 24.2



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

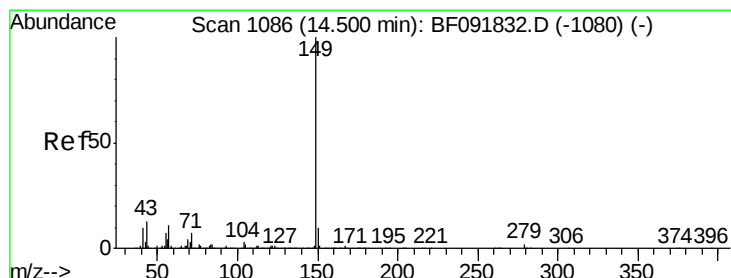
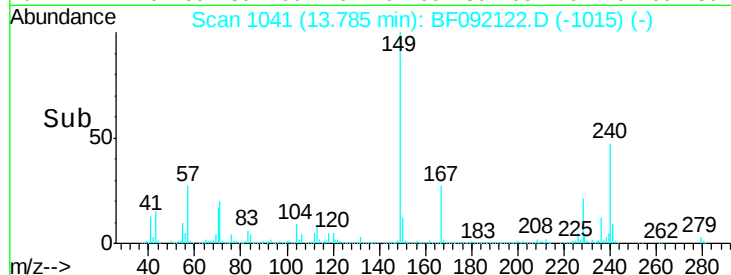
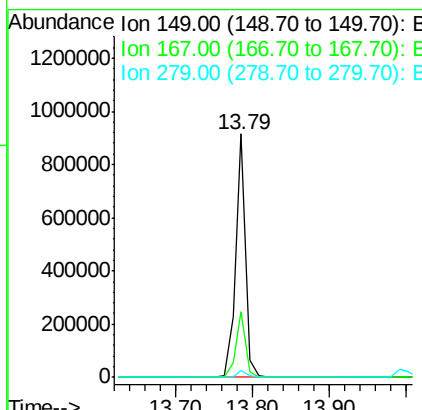
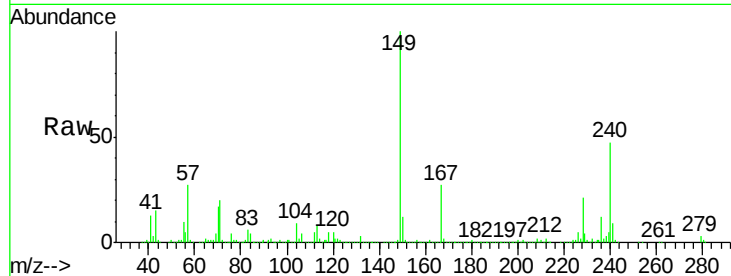




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.87 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

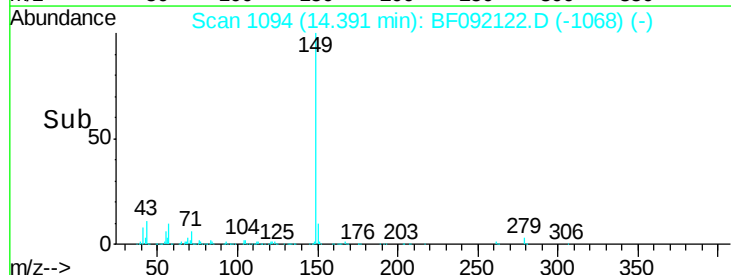
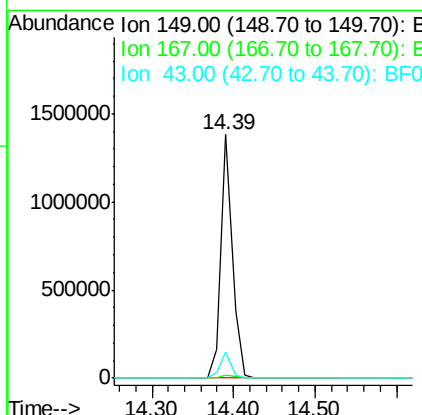
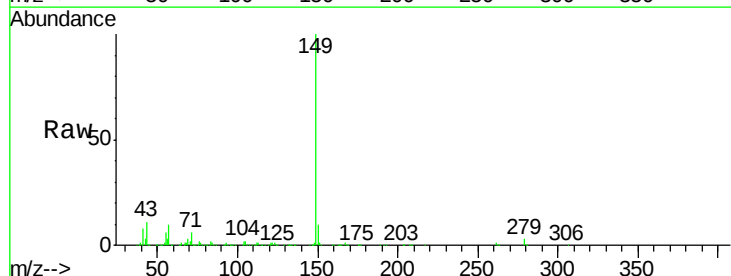
Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

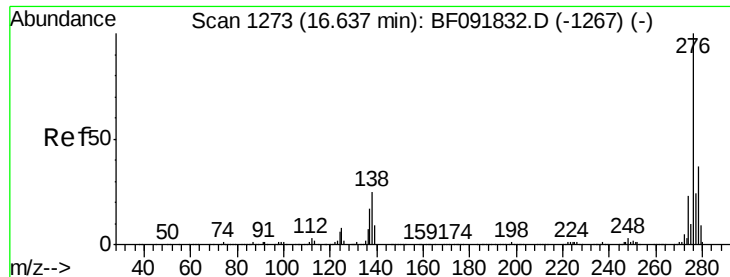
Tgt Ion:149 Resp: 840453
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.2 30.4
 279 3.0 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 48.17 ng
 RT: 14.39 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Tgt Ion:149 Resp: 1342410
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.2 8.9 13.3

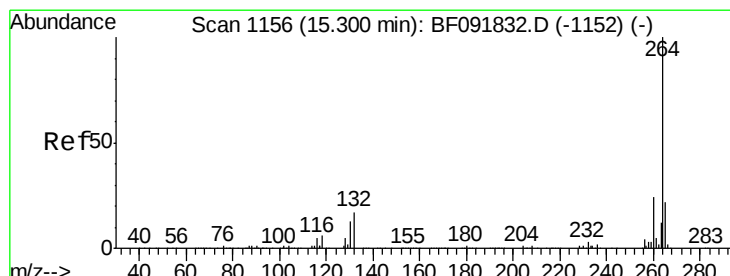
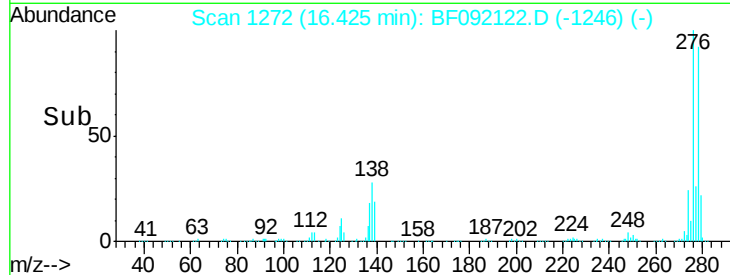
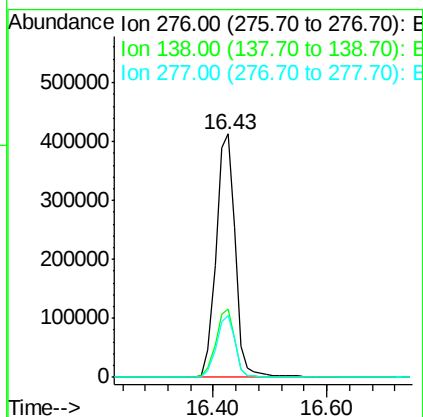
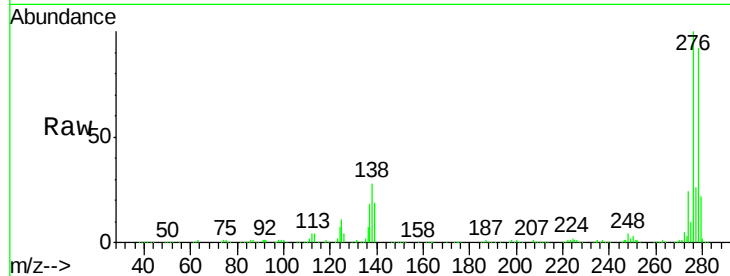




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.37 ng
 RT: 16.43 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

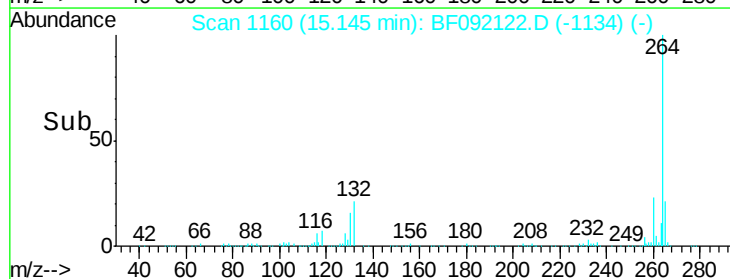
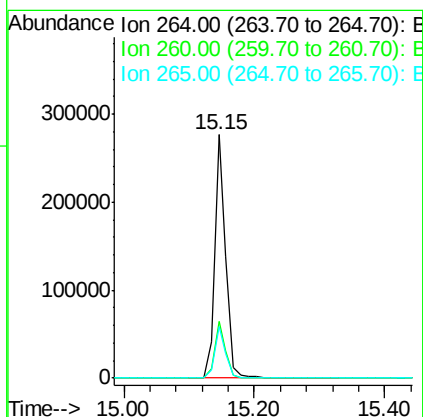
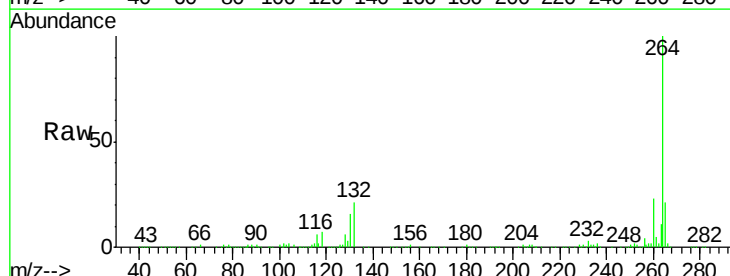
Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10MSD

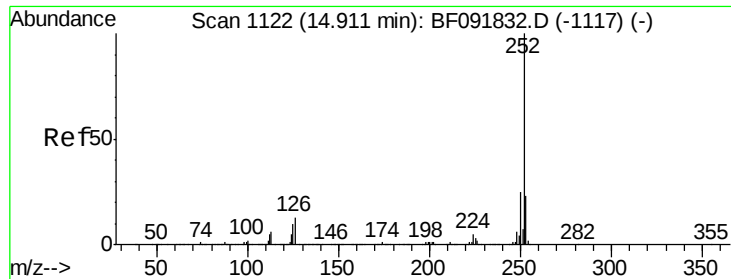
Tgt Ion: 276 Resp: 964608
 Ion Ratio Lower Upper
 276 100
 138 27.6 21.8 32.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092122.D
 Acq: 6 Jan 2017 17:39

Tgt Ion: 264 Resp: 329920
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.3 17.4 26.0

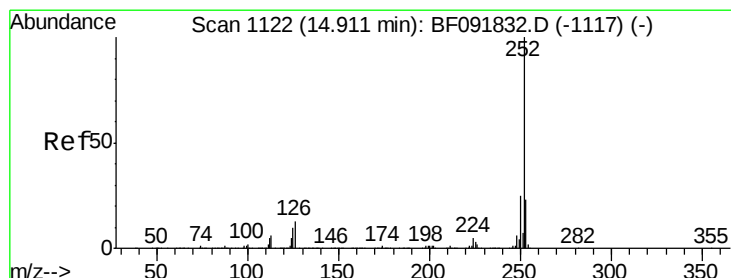
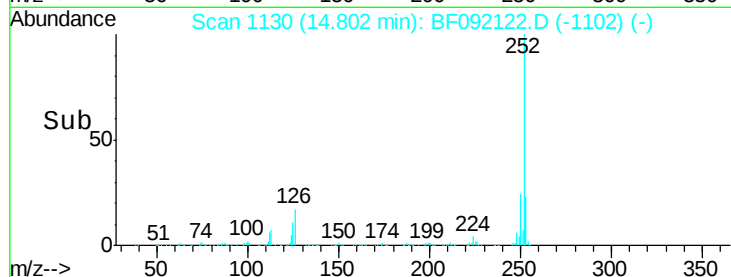
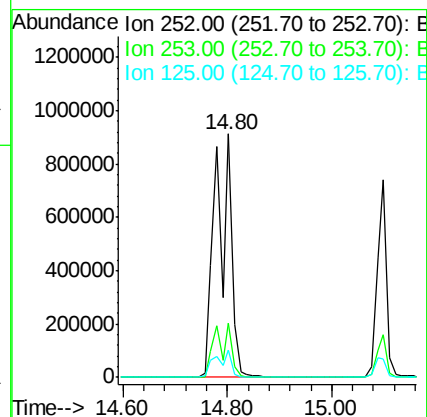
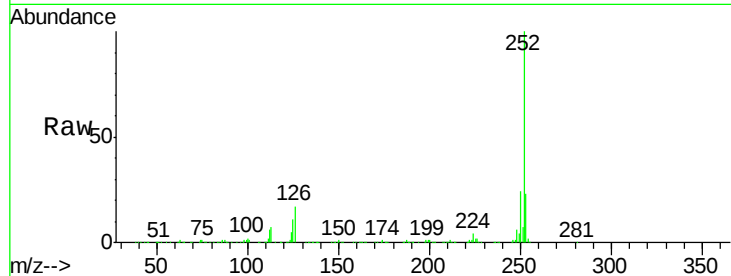




#87
Benzo(b)fluoranthene
Concen: 92.49 ng
RT: 14.80 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

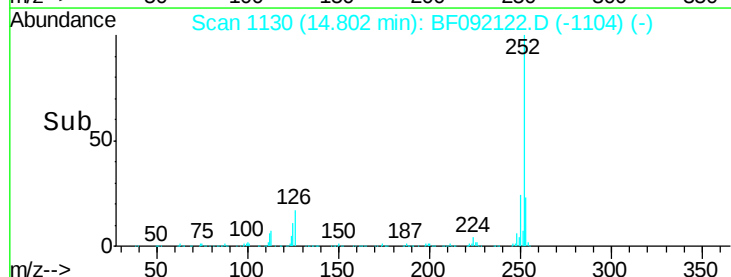
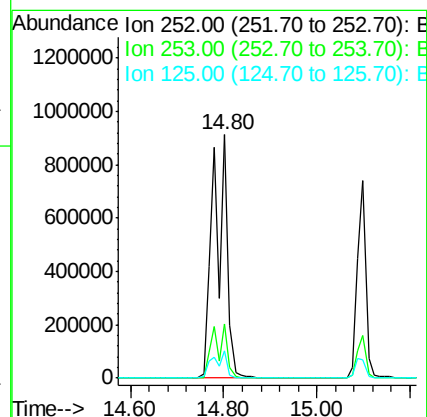
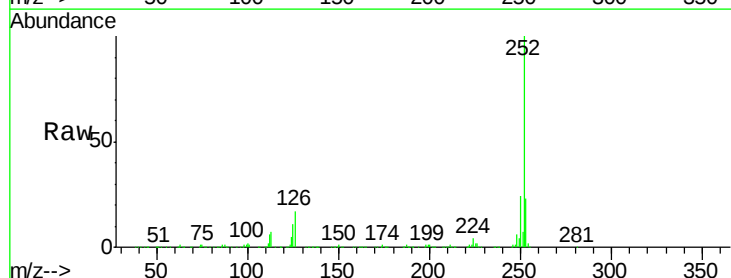
Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

Tgt Ion:252 Resp: 1899805
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 11.2 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 108.52 ng
RT: 14.80 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Tgt Ion:252 Resp: 1900808
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 11.2 8.9 13.3

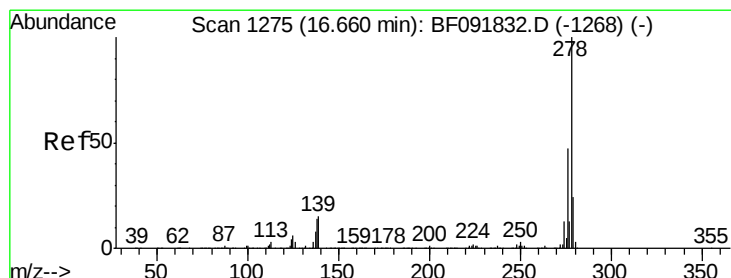
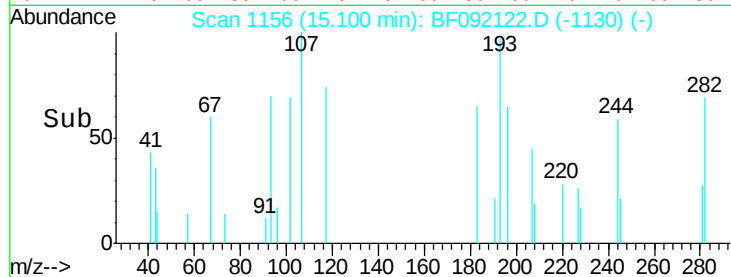
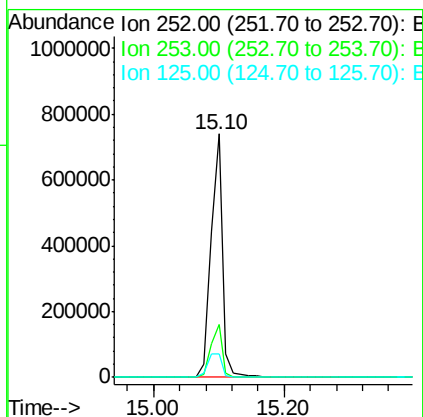
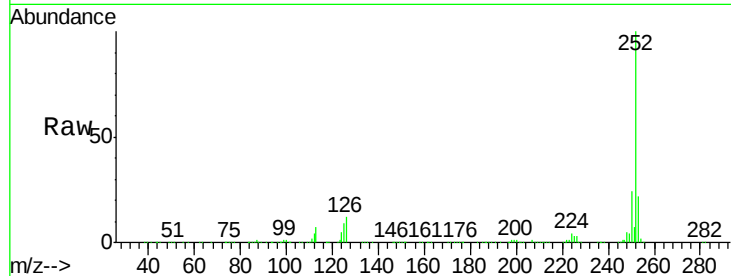




#89
Benzo(a)pyrene
Concen: 50.35 ng
RT: 15.10 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

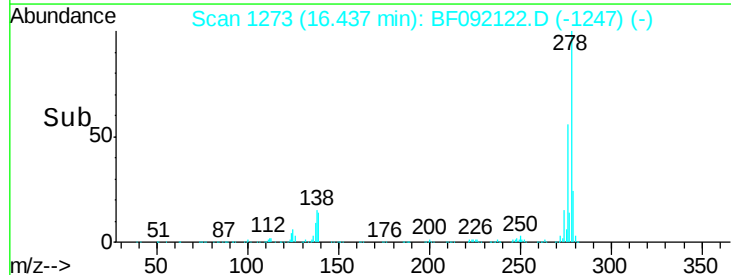
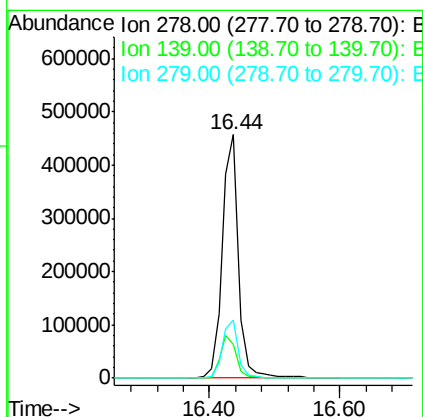
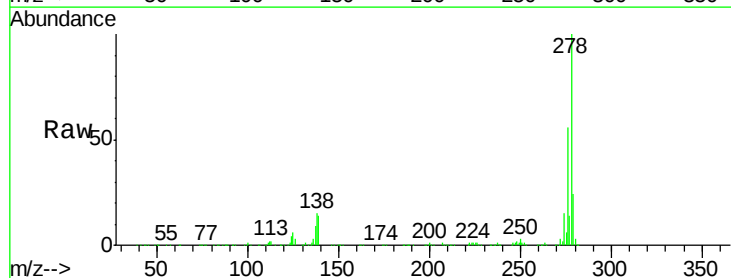
Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10MSD

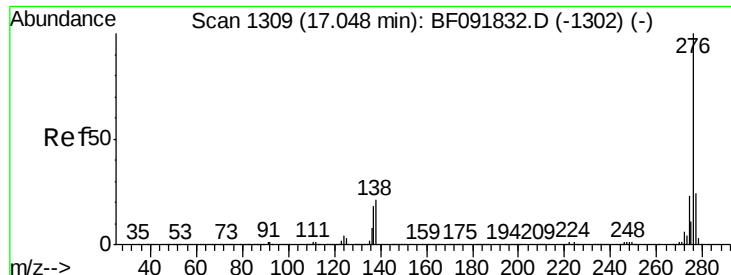
Tgt Ion: 252 Resp: 917938
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 9.4 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 52.84 ng
RT: 16.44 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF092122.D
Acq: 6 Jan 2017 17:39

Tgt Ion: 278 Resp: 791751
Ion Ratio Lower Upper
278 100
139 14.0 14.8 22.2#
279 23.7 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 54.11 ng

RT: 16.80 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF092122.D

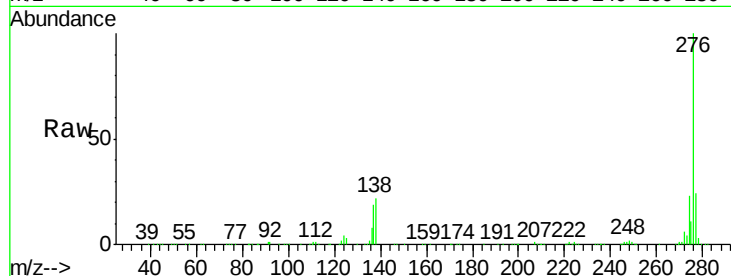
Acq: 6 Jan 2017 17:39

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10MSD



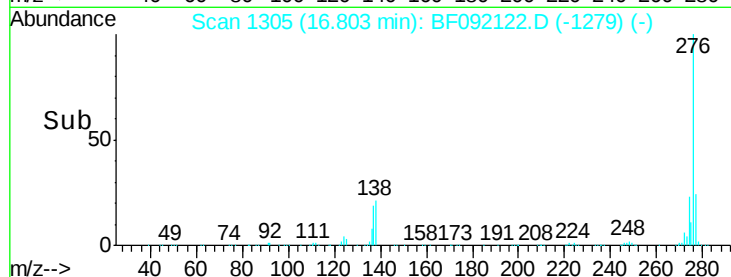
Tgt Ion: 276 Resp: 843194

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 21.5 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

