

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010317\
 Data File : BF092071.D
 Acq On : 3 Jan 2017 20:10
 Operator : UM/SJ
 Sample : H6322-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Quant Time: Jan 04 00:12:04 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	195230	20.00	ng	-0.04
21) Naphthalene-d8	7.96	136	755651	20.00	ng	-0.04
38) Acenaphthene-d10	9.72	164	367014	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	502016	20.00	ng	-0.04
75) Chrysene-d12	13.83	240	399317	20.00	ng	-0.04
86) Perylene-d12	15.21	264	496505	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1627392	139.18	ng	-0.04
7) Phenol-d6	6.34	99	1969589	137.97	ng	-0.04
23) Nitrobenzene-d5	7.25	82	1438734	105.87	ng	-0.04
41) 2,4,6-Tribromophenol	10.50	330	358599	118.06	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	1675269	95.05	ng	-0.04
78) Terphenyl-d14	12.78	244	1146723	69.65	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.20	88	256158	44.50	ng	99
3) Pyridine	2.85	79	562442	28.00	ng	96
4) n-Nitrosodimethylamine	2.80	42	297248	39.22	ng	97
6) Aniline	6.33	93	411927	22.22	ng	# 61
8) 2-Chlorophenol	6.47	128	660454	49.66	ng	85
9) Benzaldehyde	6.21	77	69061	6.36	ng	83
10) Phenol	6.36	94	960616	59.05	ng	# 75
11) bis(2-Chloroethyl)ether	6.41	93	648595	50.11	ng	98
12) 1,3-Dichlorobenzene	6.85	146	576213	40.58	ng	98
13) 1,4-Dichlorobenzene	6.69	146	640312	44.31	ng	99
14) 1,2-Dichlorobenzene	6.85	146	576733	45.99	ng	95
15) Benzyl Alcohol	6.82	79	532109	47.97	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	857149	44.47	ng	# 46
17) 2-Methylphenol	6.96	107	502451	46.97	ng	# 90
18) Hexachloroethane	7.18	117	240226	44.84	ng	# 88
19) n-Nitroso-di-n-propylamine	7.10	70	470863	49.58	ng	97
20) 3+4-Methylphenols	7.11	107	769185	60.29	ng	# 69
22) Acetophenone	7.09	105	958790	51.44	ng	# 93
24) Nitrobenzene	7.26	77	619715	42.82	ng	98
25) Isophorone	7.50	82	1230626	49.08	ng	94
26) 2-Nitrophenol	7.58	139	350327	49.08	ng	97
27) 2,4-Dimethylphenol	7.64	122	570049	48.15	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	749728	49.31	ng	99
29) 2,4-Dichlorophenol	7.83	162	491505	49.03	ng	91
30) 1,2,4-Trichlorobenzene	7.90	180	484942	44.15	ng	# 95
31) Naphthalene	7.98	128	1597719	46.20	ng	100
32) Benzoic acid	7.64	122	570049	64.92	ng	# 12
33) 4-Chloroaniline	8.05	127	262032	16.80	ng	# 93
34) Hexachlorobutadiene	8.10	225	269717	46.51	ng	98
35) Caprolactam	8.41	113	162024	49.18	ng	# 62
36) 4-Chloro-3-methylphenol	8.54	107	495112	42.92	ng	96
37) 2-Methylnaphthalene	8.68	142	1063819	55.31	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	411426	44.37	ng	98
40) Hexachlorocyclopentadiene	8.82	237	158493	40.45	ng	96

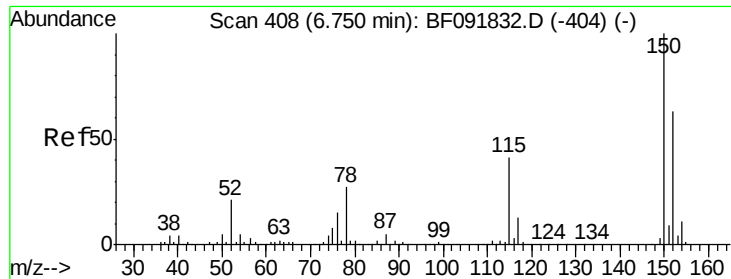
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010317\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	314942	48.57	ng	98
43) 2,4,5-Trichlorophenol	9.01	196	302534	45.33	ng	95
45) 1,1'-Biphenyl	9.13	154	1186080	47.20	ng	96
46) 2-Chloronaphthalene	9.16	162	885179	44.48	ng	94
47) 2-Nitroaniline	9.27	65	332816	46.97	ng	# 69
48) Acenaphthylene	9.57	152	1349377	44.09	ng	99
49) Dimethylphthalate	9.45	163	1314719	56.01	ng	100
50) 2,6-Dinitrotoluene	9.51	165	251051	48.86	ng	# 84
51) Acenaphthene	9.75	154	843284	40.64	ng	99
52) 3-Nitroaniline	9.68	138	179972	28.31	ng	# 74
53) 2,4-Dinitrophenol	9.78	184	64138	22.44	ng	# 72
54) Dibenzofuran	9.92	168	1210668	43.20	ng	92
55) 4-Nitrophenol	9.86	139	324070	75.07	ng	94
56) 2,4-Dinitrotoluene	9.91	165	269199	41.75	ng	# 77
57) Fluorene	10.26	166	880152	43.17	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	249838	47.33	ng	96
59) Diethylphthalate	10.15	149	1078462	47.31	ng	97
60) 4-Chlorophenyl-phenylether	10.25	204	386234	43.27	ng	99
61) 4-Nitroaniline	10.29	138	213618	32.42	ng	96
62) Azobenzene	10.41	77	1160214	46.22	ng	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	109676	36.13	ng	80
65) n-Nitrosodiphenylamine	10.38	169	855907	57.46	ng	99
66) 4-Bromophenyl-phenylether	10.74	248	271906	52.07	ng	# 85
67) Hexachlorobenzene	10.80	284	249266	44.66	ng	# 78
68) Atrazine	10.92	200	257890	53.67	ng	95
69) Pentachlorophenol	11.01	266	245927	89.79	ng	98
70) Phenanthrene	11.21	178	1156958	42.50	ng	98
71) Anthracene	11.27	178	1264108	58.15	ng	98
72) Carbazole	11.43	167	1080726	51.57	ng	99
73) Di-n-butylphthalate	11.77	149	1379640	54.34	ng	# 97
74) Fluoranthene	12.41	202	1193537	50.44	ng	94
76) Benzidine	12.53	184	286903	25.11	ng	98
77) Pyrene	12.63	202	1129515	38.55	ng	99
79) Butylbenzylphthalate	13.26	149	548790	41.19	ng	100
80) Benzo(a)anthracene	13.82	228	1196872	53.10	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	284400	33.27	ng	98
82) Chrysene	13.85	228	937546	41.47	ng	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	709608	45.22	ng	# 95
84) Di-n-octyl phthalate	14.44	149	1415490	48.69	ng	95
85) Indeno(1,2,3-cd)pyrene	16.52	276	1277587	65.23	ng	98
87) Benzo(b)fluoranthene	14.86	252	2405712	77.82	ng	99
88) Benzo(k)fluoranthene	14.86	252	2405712	91.26	ng	99
89) Benzo(a)pyrene	15.16	252	1198688	43.69	ng	98
90) Dibenzo(a,h)anthracene	16.53	278	1031496	45.74	ng	99
91) Benzo(g,h,i)perylene	16.91	276	1069022	45.59	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

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BNA_F

ClientSampleId :

TP9-COMP9MSD

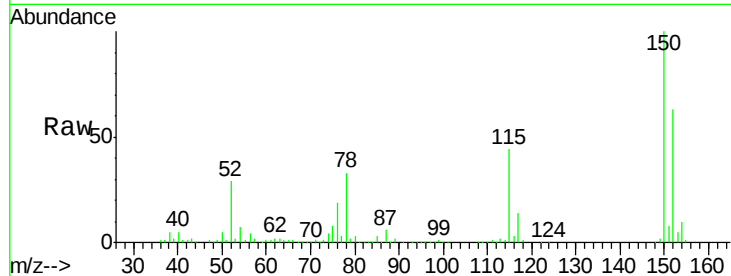
Tgt Ion:152 Resp: 195230

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

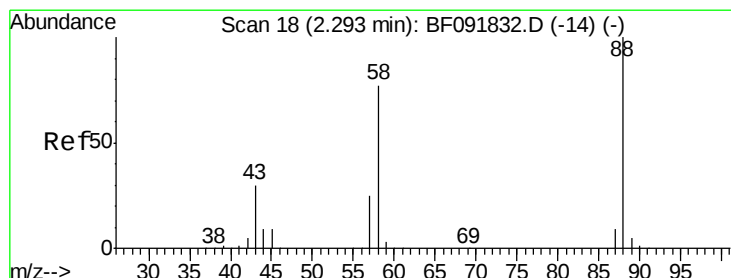
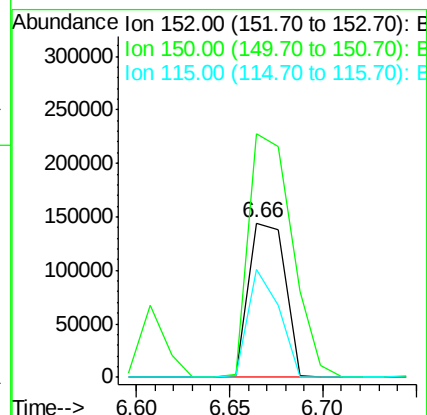
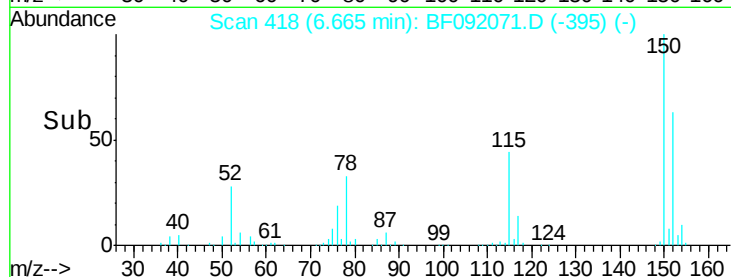
115 69.9 46.0 69.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 44.50 ng

RT: 2.20 min Scan# 27

Delta R.T. 0.01 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

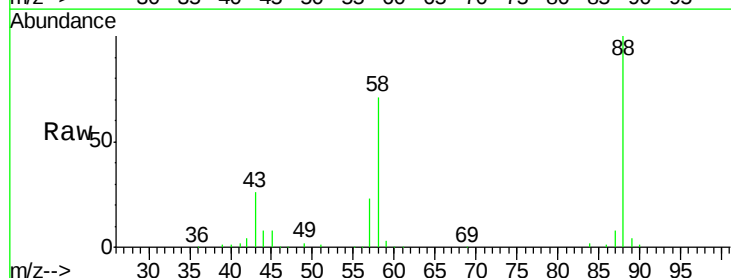
Tgt Ion: 88 Resp: 256158

Ion Ratio Lower Upper

88 100

58 73.0 57.8 86.8

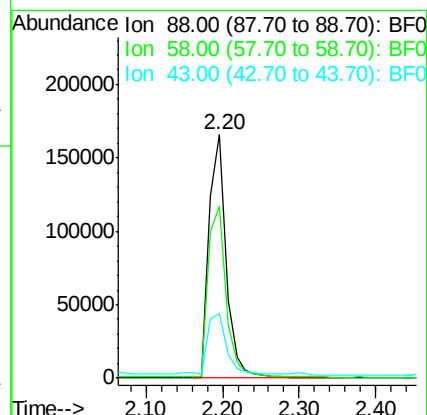
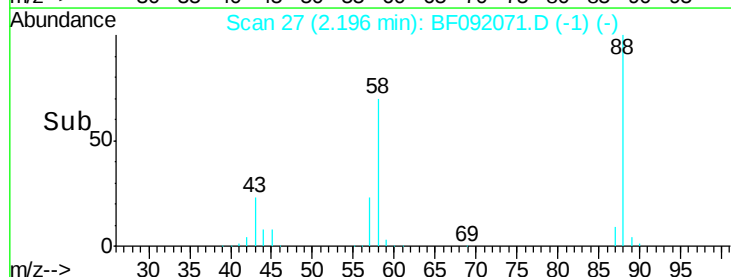
43 27.0 22.3 33.5

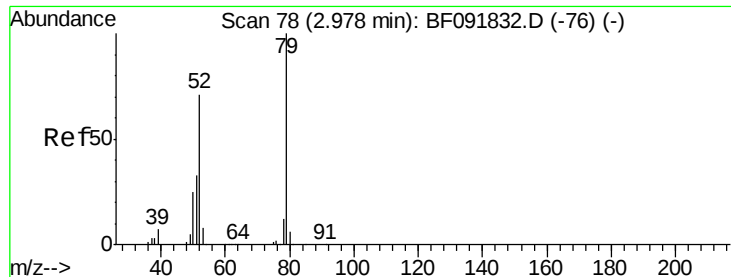


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.00 ng

RT: 2.85 min Scan# 84

Delta R.T. -0.02 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

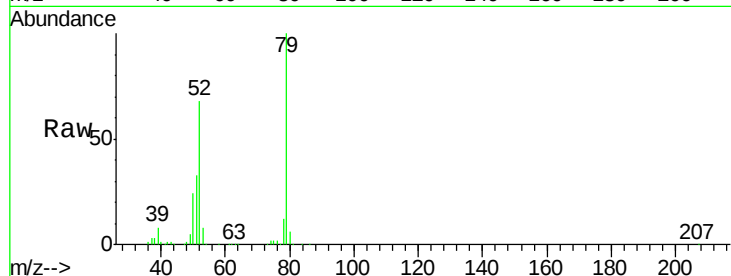
Tgt Ion: 79 Resp: 562442

Ion Ratio Lower Upper

79 100

52 67.7 57.1 85.7

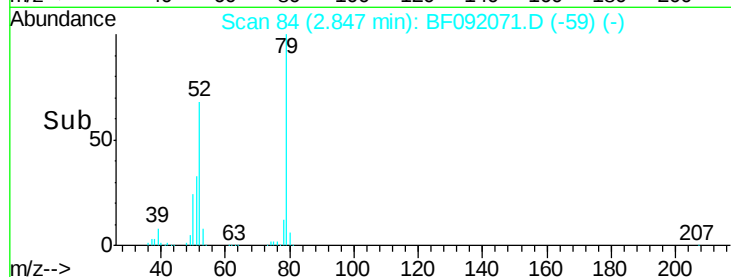
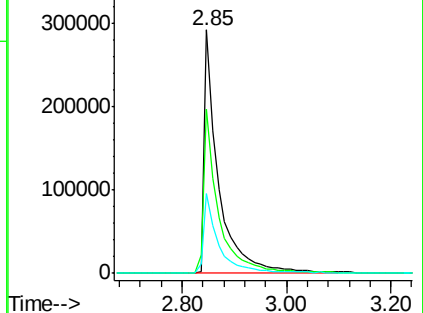
51 33.0 27.3 40.9



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: 39.22 ng

RT: 2.80 min Scan# 80

Delta R.T. -0.03 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

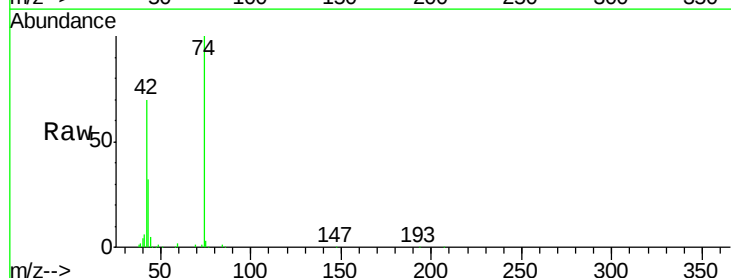
Tgt Ion: 42 Resp: 297248

Ion Ratio Lower Upper

42 100

74 142.6 117.0 175.4

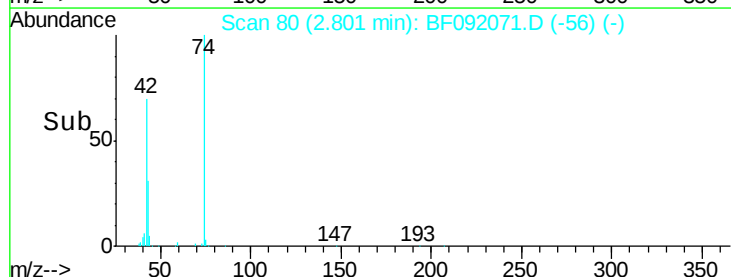
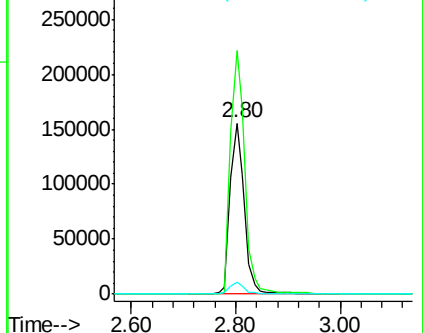
44 7.3 5.5 8.3



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: 139.18 ng

RT: 5.28 min Scan# 297

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

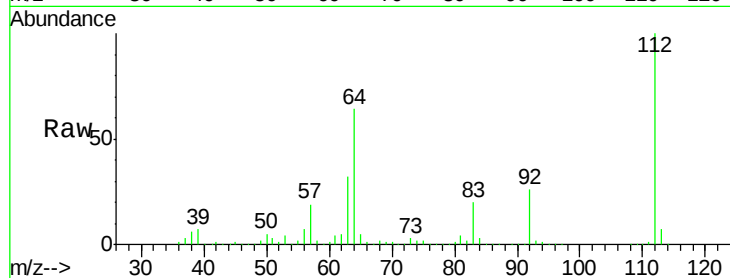
Tgt Ion:112 Resp: 1627392

Ion Ratio Lower Upper

112 100

64 64.0 46.1 69.1

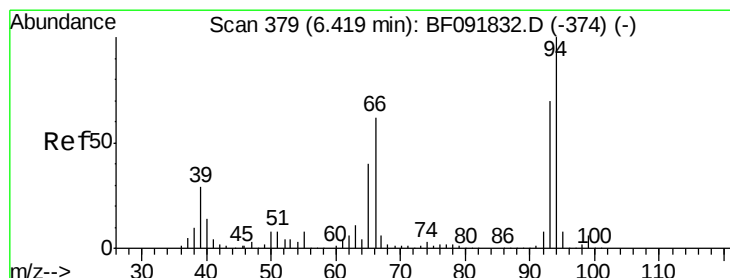
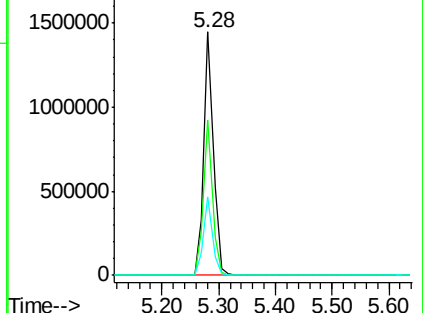
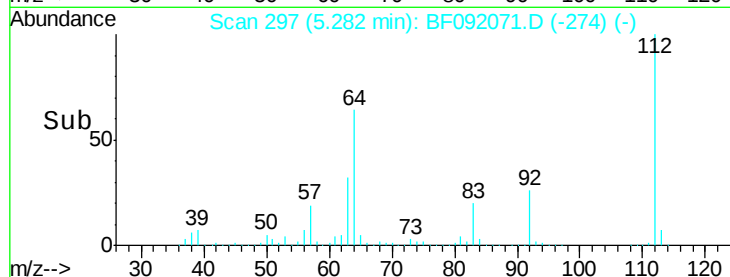
63 32.5 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.22 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

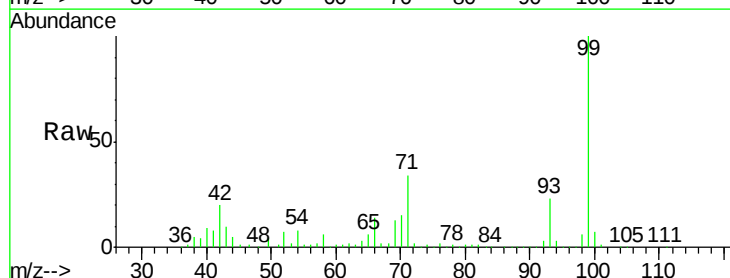
Tgt Ion: 93 Resp: 411927

Ion Ratio Lower Upper

93 100

66 63.3 76.2 114.2#

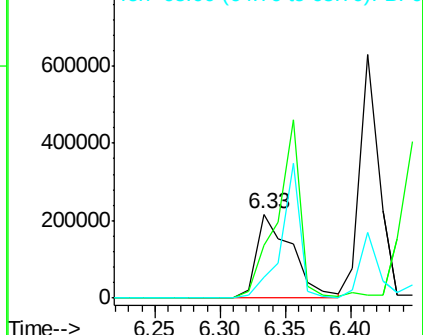
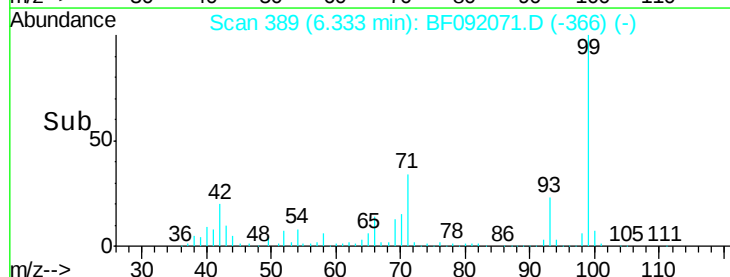
65 25.2 49.3 73.9#



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: 137.97 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

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TP9-COMP9MSD

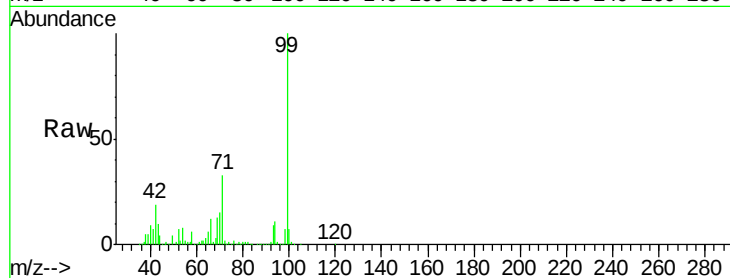
Tgt Ion: 99 Resp: 1969589

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

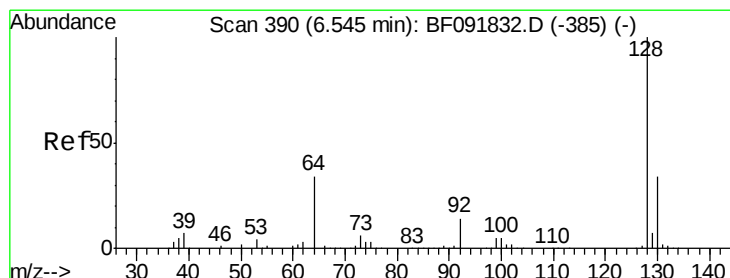
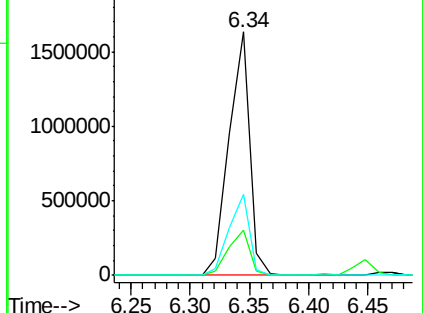
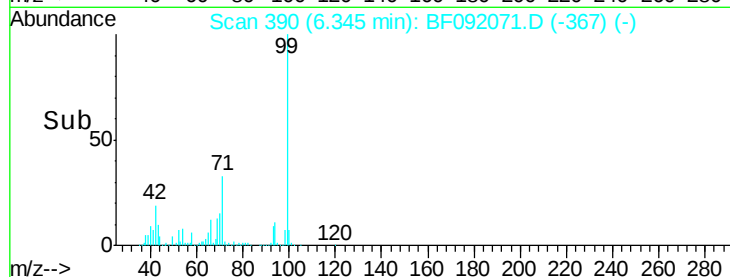
71 33.4 27.5 41.3



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: 49.66 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

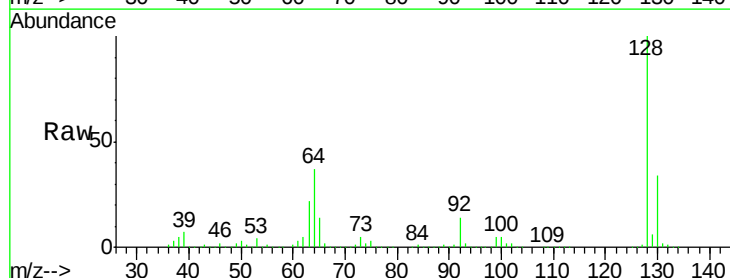
Tgt Ion: 128 Resp: 660454

Ion Ratio Lower Upper

128 100

130 34.1 12.3 52.3

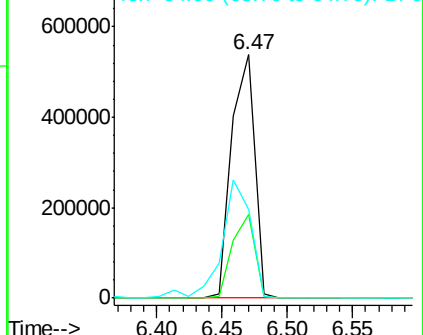
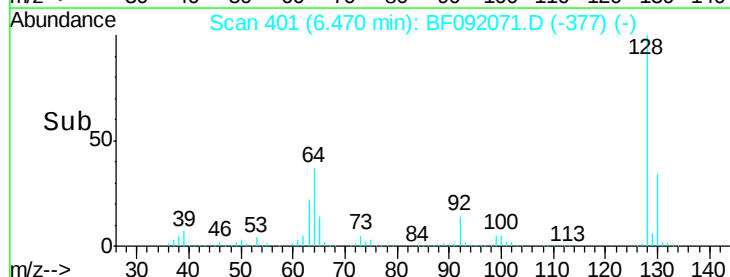
64 36.5 32.2 72.2

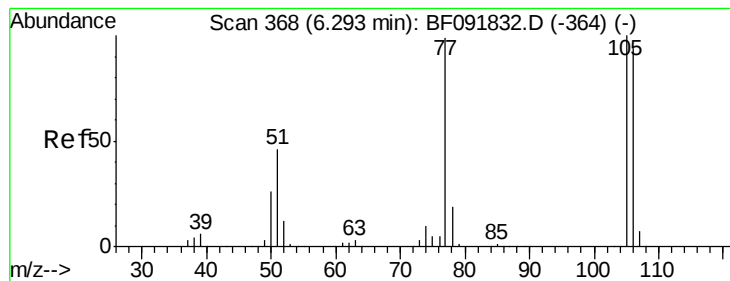


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.36 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

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ClientSampleId :

TP9-COMP9MSD

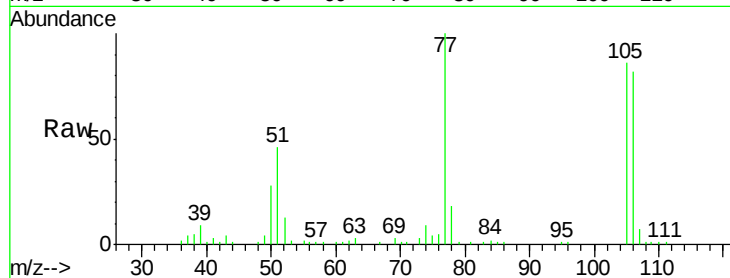
Tgt Ion: 77 Resp: 69061

Ion Ratio Lower Upper

77 100

105 85.8 83.9 123.9

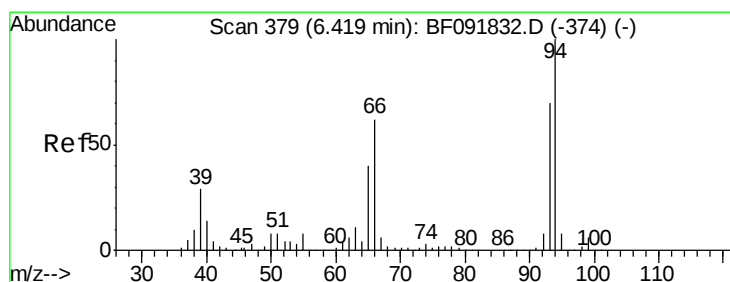
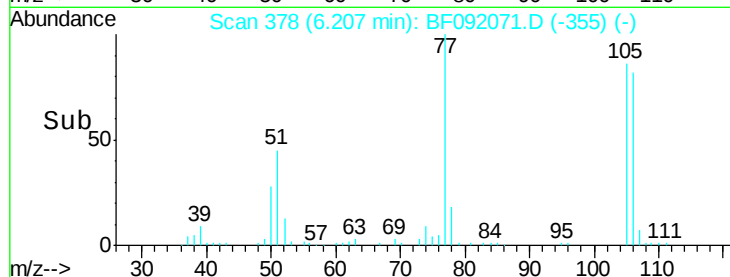
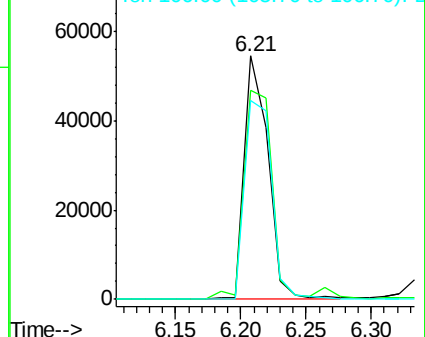
106 81.7 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 59.05 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

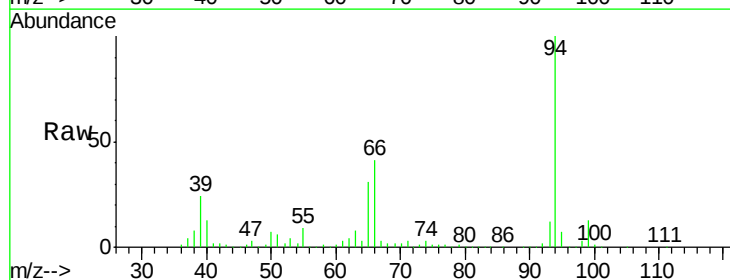
Tgt Ion: 94 Resp: 960616

Ion Ratio Lower Upper

94 100

65 30.7 21.4 61.4

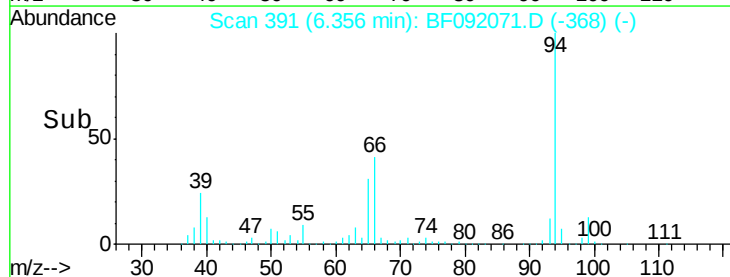
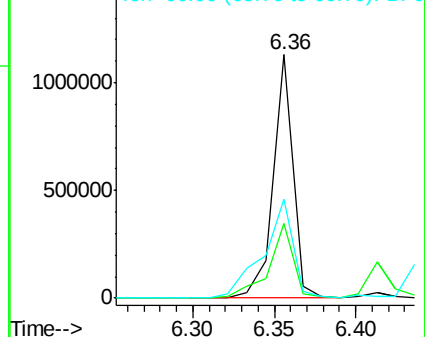
66 40.8 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 50.11 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

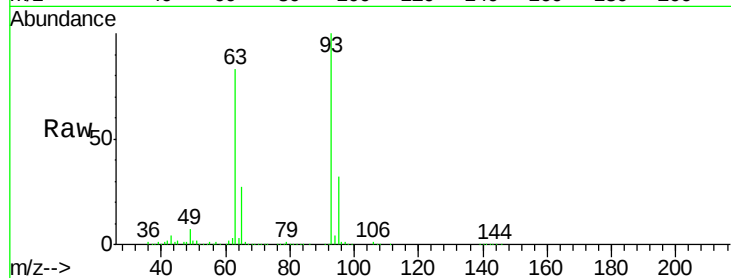
Tgt Ion: 93 Resp: 648595

Ion Ratio Lower Upper

93 100

63 82.6 60.4 100.4

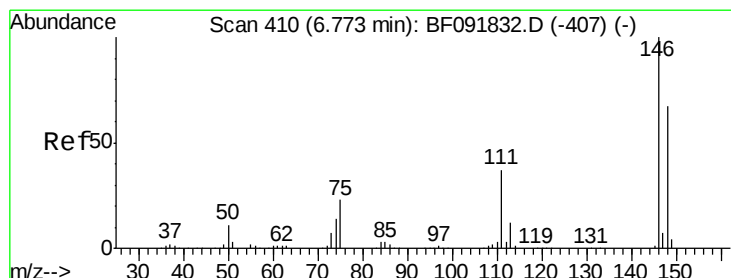
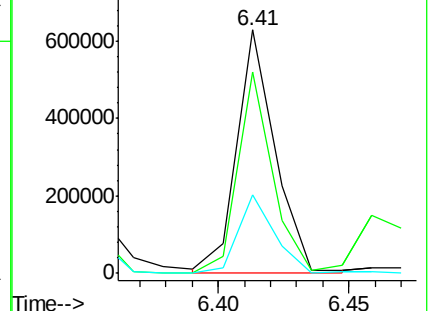
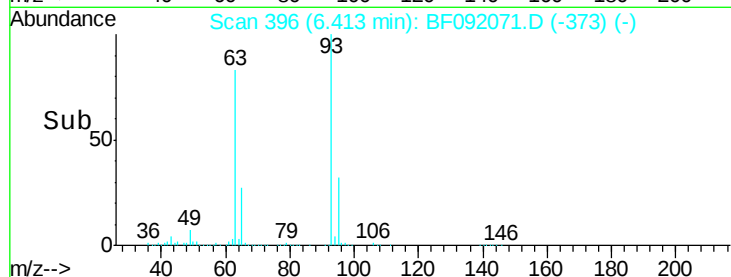
95 32.5 12.8 52.8



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: 40.58 ng

RT: 6.85 min Scan# 434

Delta R.T. 0.20 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

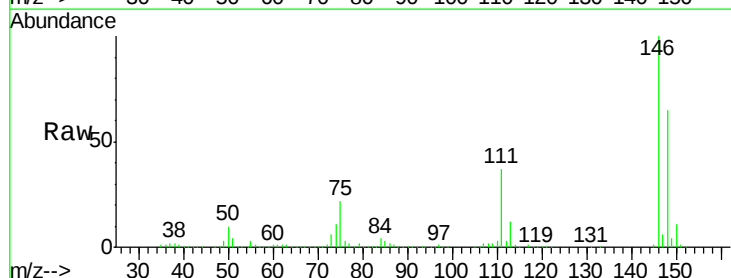
Tgt Ion: 146 Resp: 576213

Ion Ratio Lower Upper

146 100

148 65.1 53.4 80.0

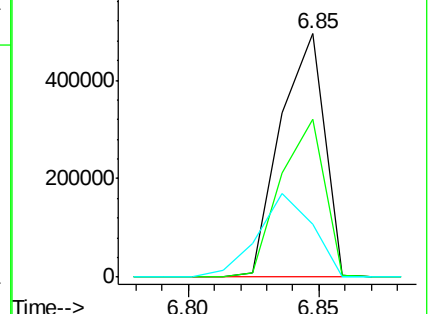
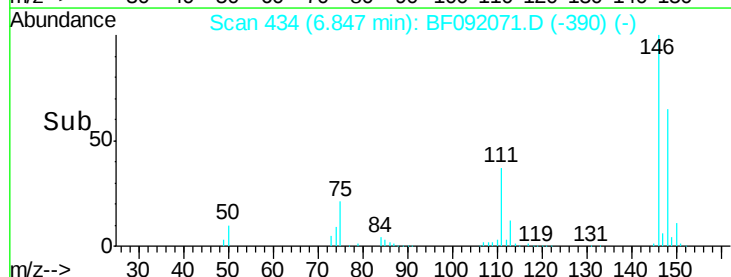
75 21.7 18.5 27.7

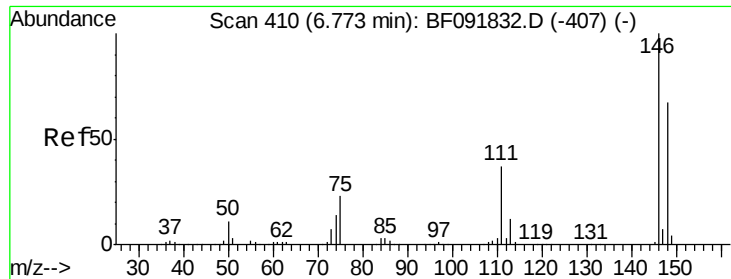


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

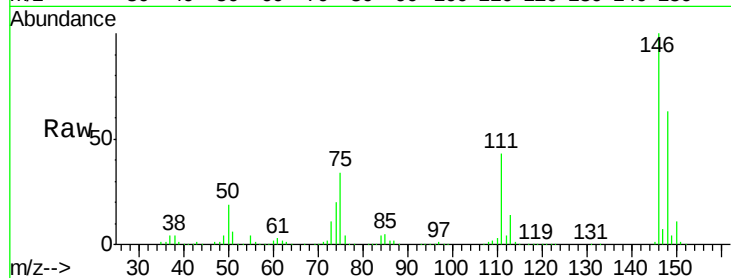




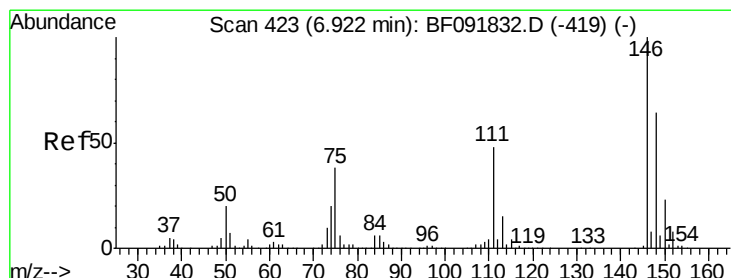
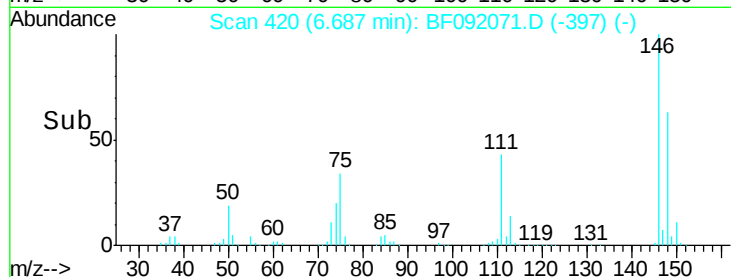
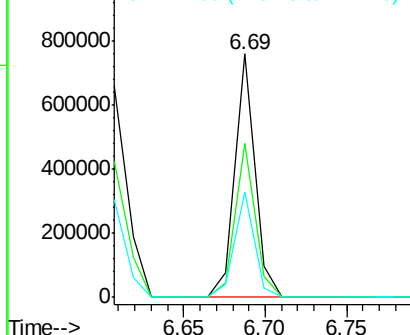
#13
1,4-Dichlorobenzene
Concen: 44.31 ng
RT: 6.69 min Scan# 420
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tgt Ion:146 Resp: 640312
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
111 43.3 36.2 54.4

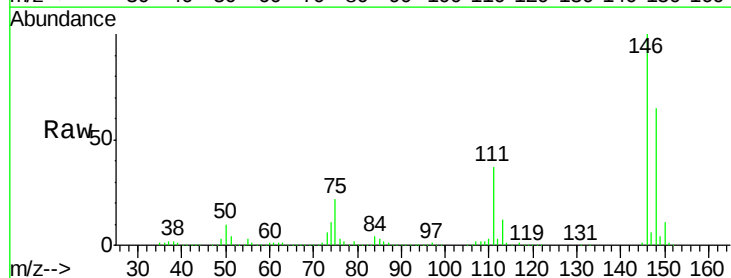


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

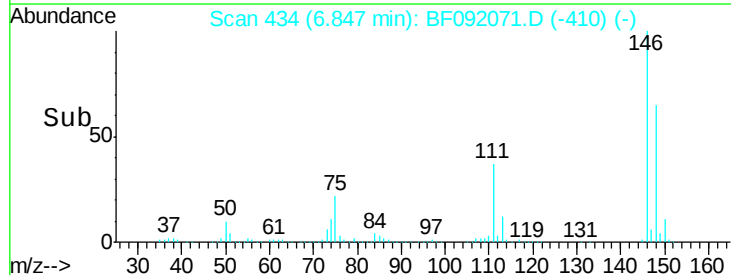
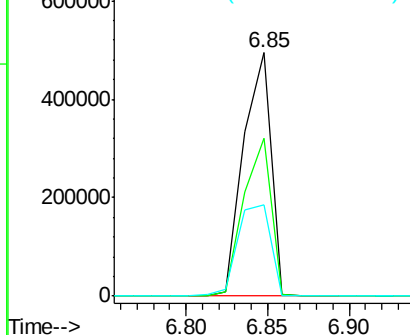


#14
1,2-Dichlorobenzene
Concen: 45.99 ng
RT: 6.85 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion:146 Resp: 576733
Ion Ratio Lower Upper
146 100
148 65.1 52.2 78.2
111 37.4 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: 47.97 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

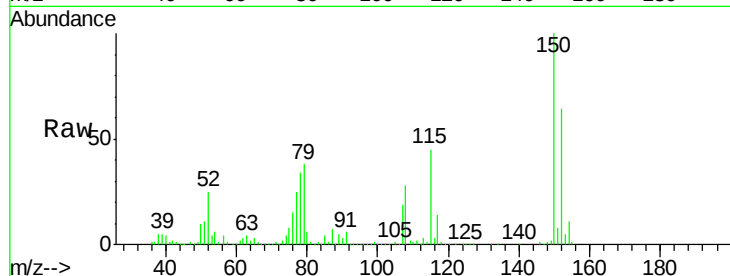
Tgt Ion: 79 Resp: 532109

Ion Ratio Lower Upper

79 100

108 73.6 61.4 92.0

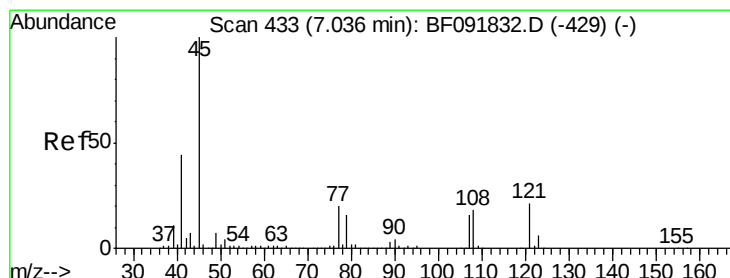
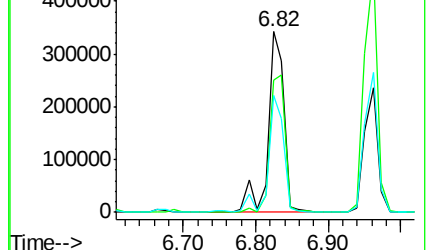
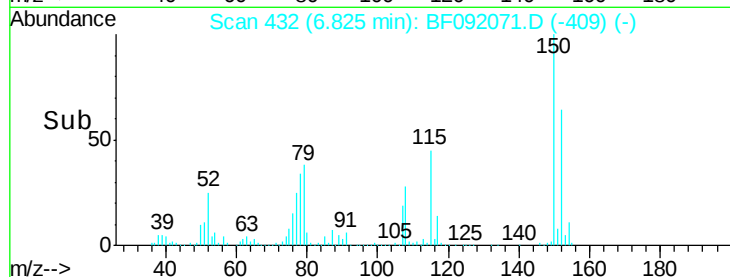
77 64.9 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.47 ng

RT: 6.96 min Scan# 444

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

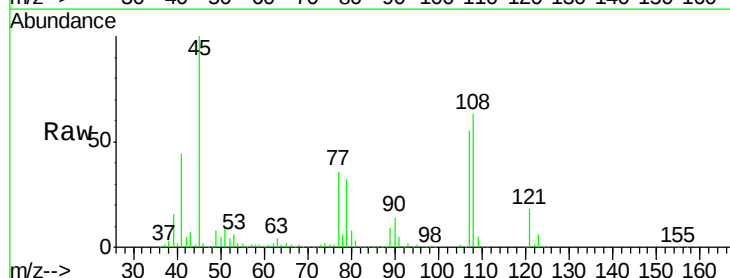
Tgt Ion: 45 Resp: 857149

Ion Ratio Lower Upper

45 100

77 36.2 0.0 34.6#

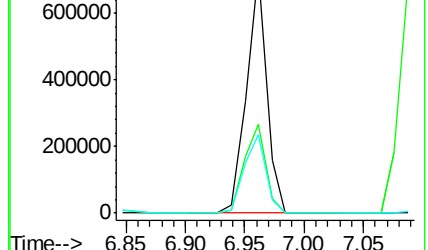
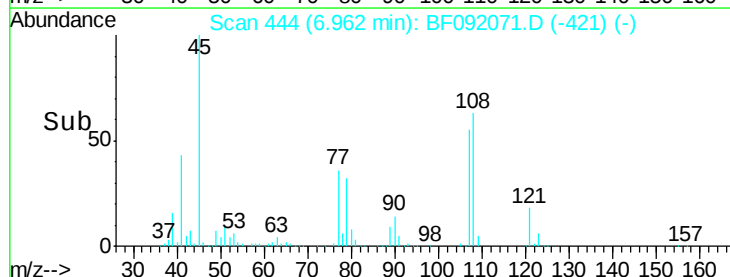
79 32.5 0.0 31.2#

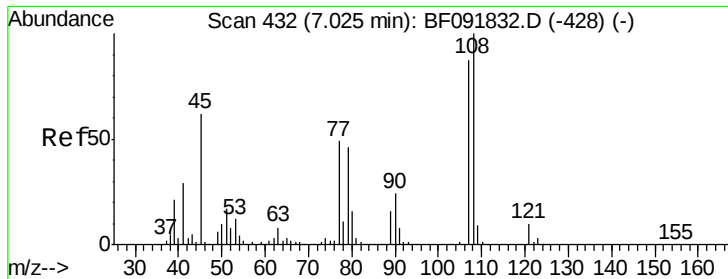


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

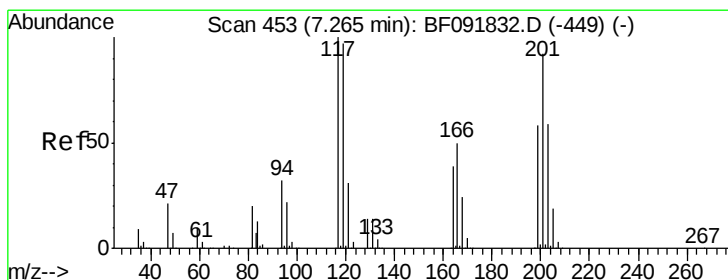
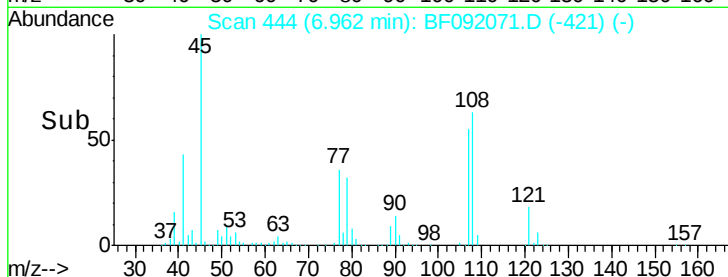
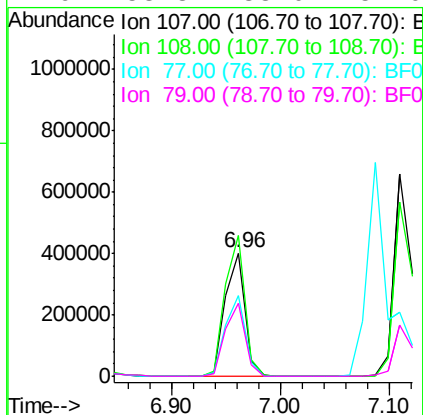
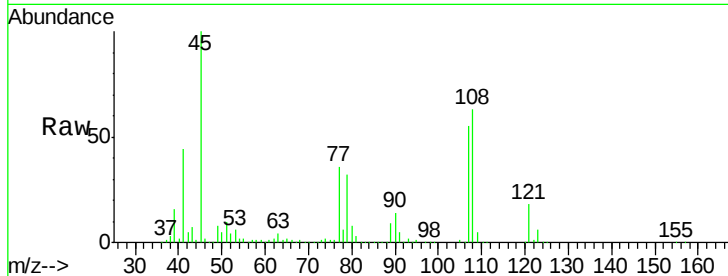




#17
2-Methylphenol
Concen: 46.97 ng
RT: 6.96 min Scan# 444
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

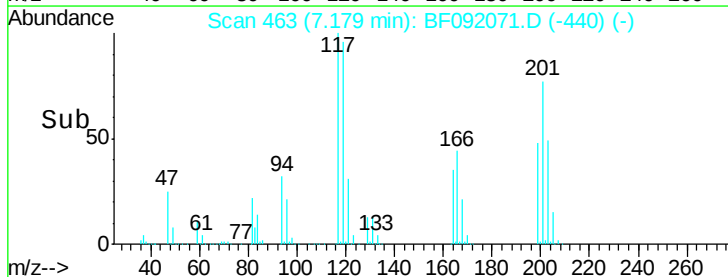
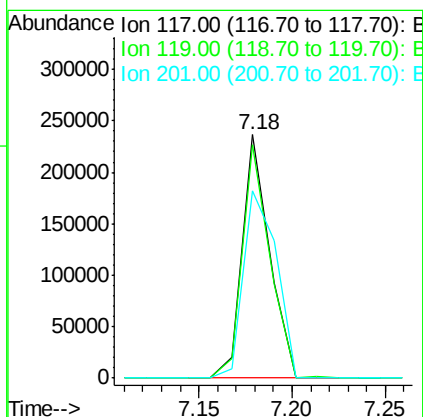
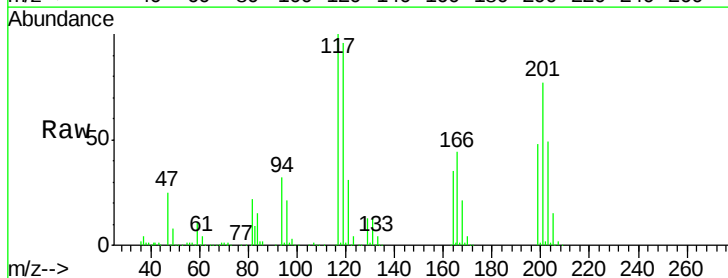
Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

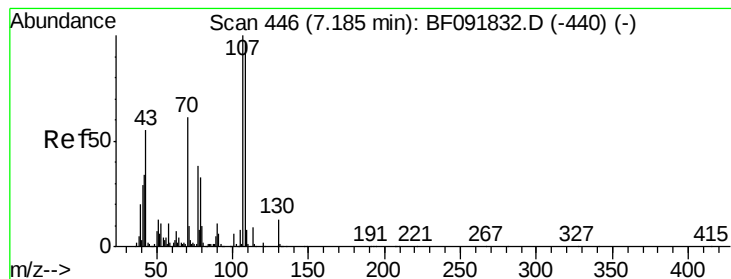
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.5	93.0	139.6
77	65.6	39.8	59.8#
79	58.8	38.0	57.0#



#18
Hexachloroethane
Concen: 44.84 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.1	117.1
201	76.7	78.6	117.8#





#19

n-Nitroso-di-n-propylamine

Concen: 49.58 ng

RT: 7.10 min Scan# 456

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tgt Ion: 70 Resp: 470863

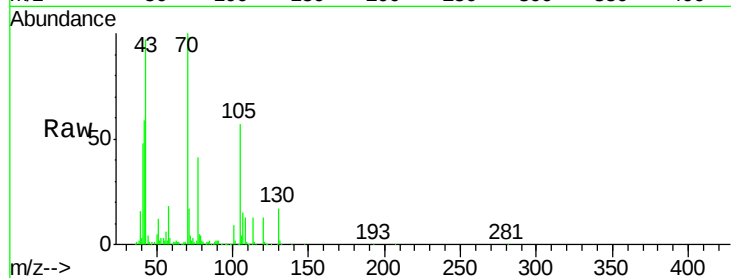
Ion Ratio Lower Upper

70 100

42 59.3 49.4 74.0

101 8.6 7.4 11.2

130 17.4 14.2 21.4

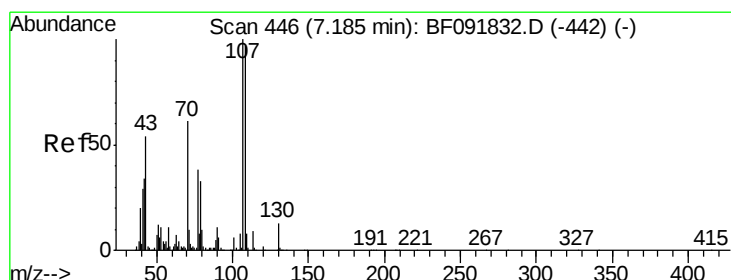
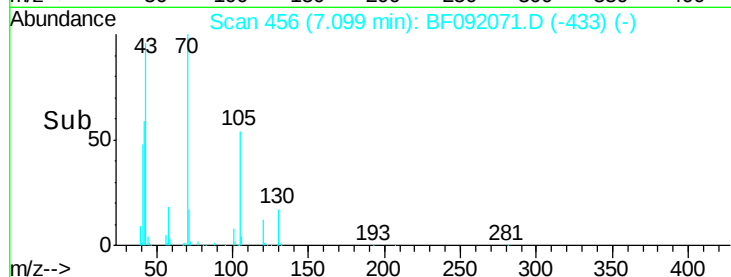
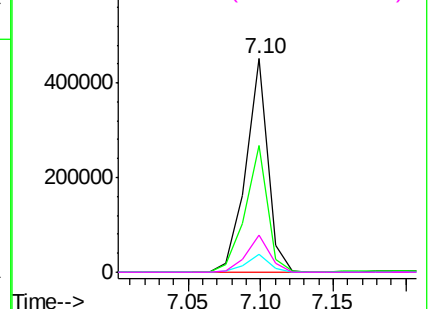


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 60.29 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Tgt Ion: 107 Resp: 769185

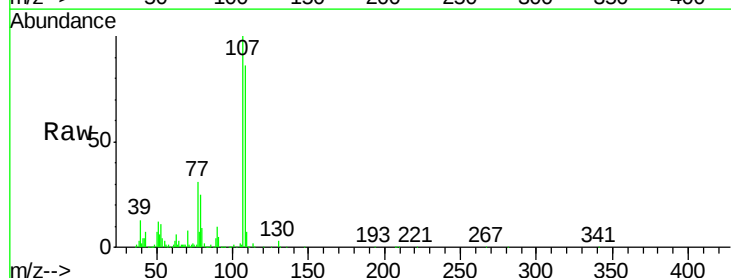
Ion Ratio Lower Upper

107 100

108 86.3 73.0 113.0

77 31.4 71.3 111.3#

79 25.1 11.1 51.1

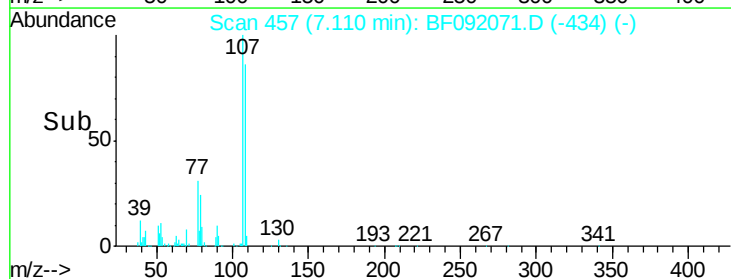
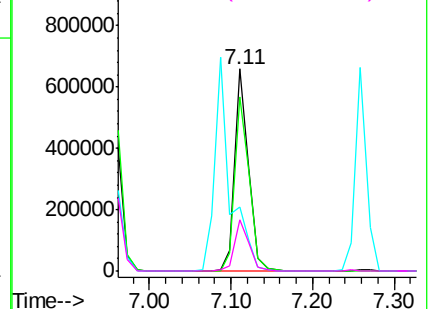


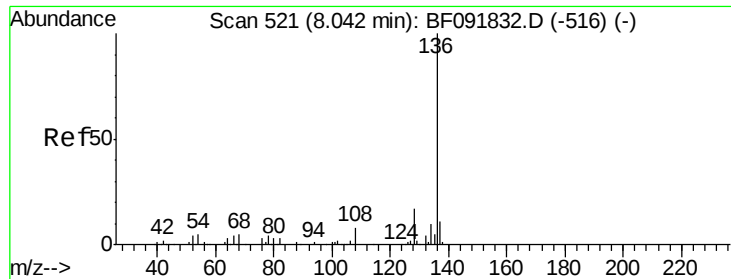
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

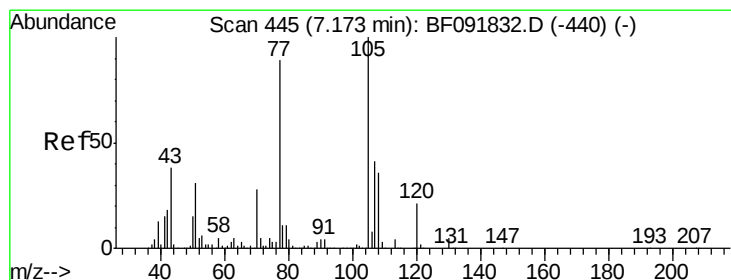
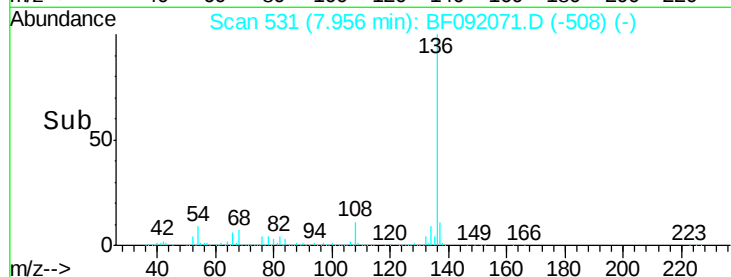
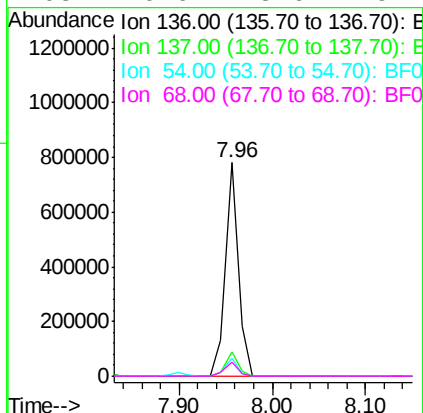
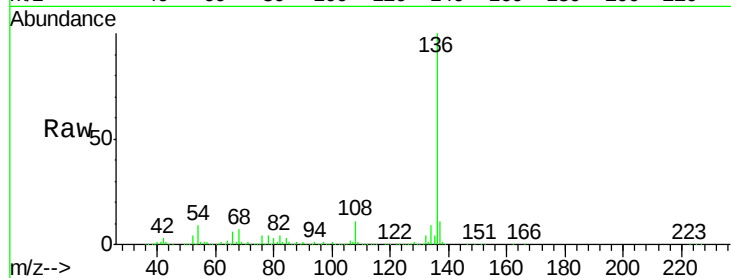




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

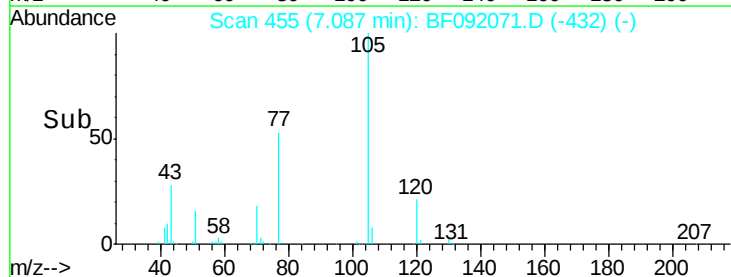
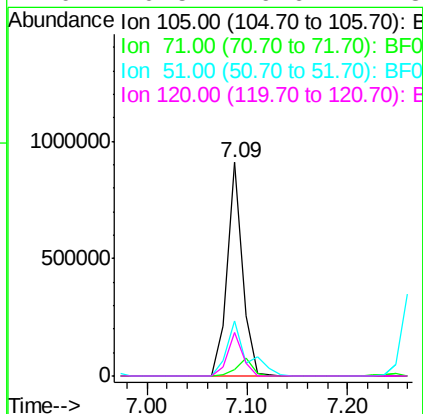
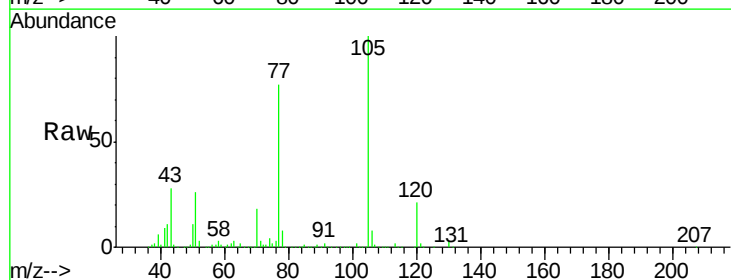
Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

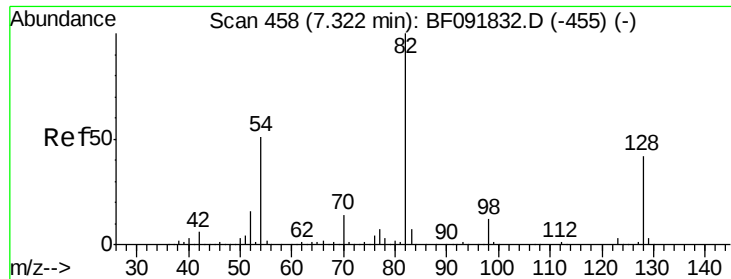
Tgt Ion:	136	Resp:	755651
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	8.7	4.5	6.7#
68	6.6	3.6	5.4#



#22
Acetophenone
Concen: 51.44 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion:	105	Resp:	958790
Ion	Ratio	Lower	Upper
105	100		
71	3.2	3.2	4.8
51	26.1	26.2	39.4#
120	20.5	16.6	24.8

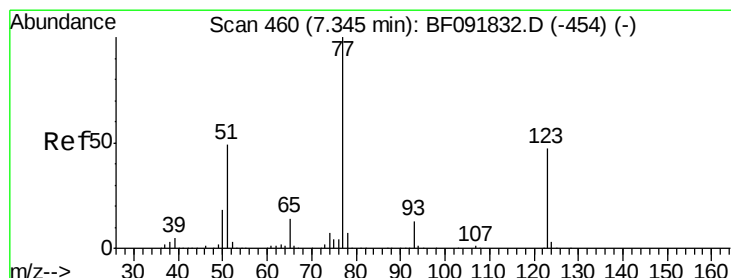
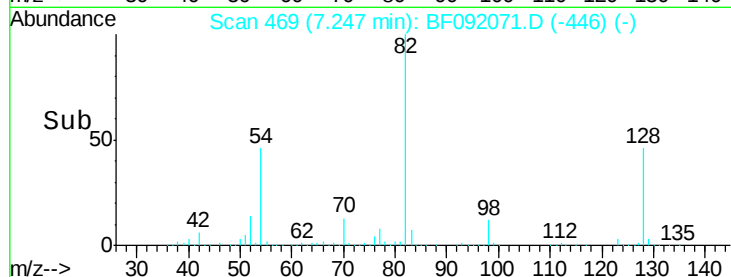
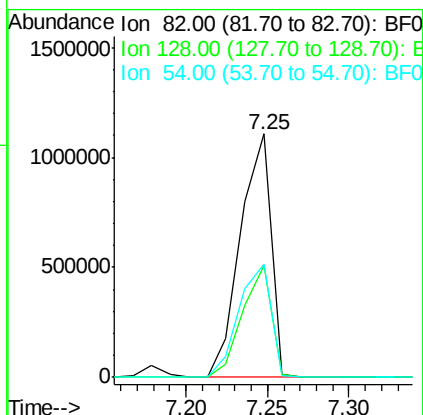
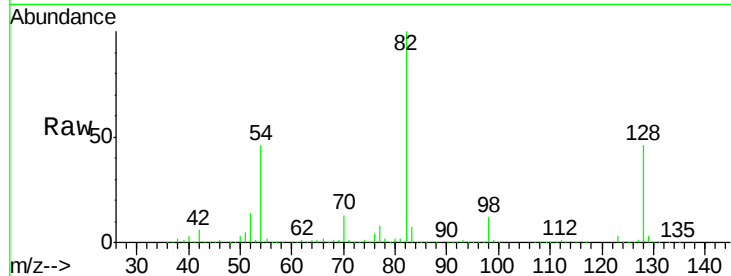




#23
 Nitrobenzene-d5
 Concen: 105.87 ng
 RT: 7.25 min Scan# 469
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

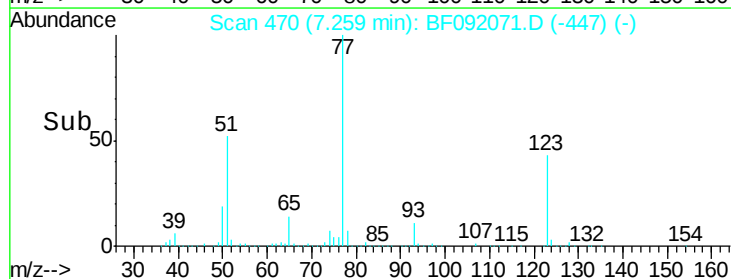
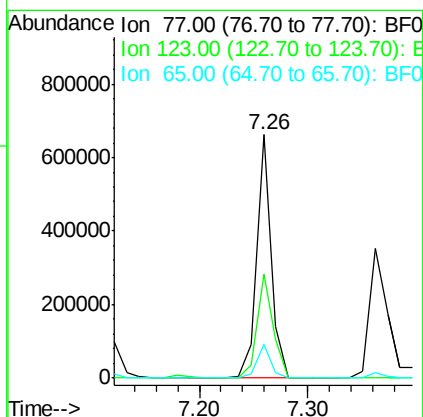
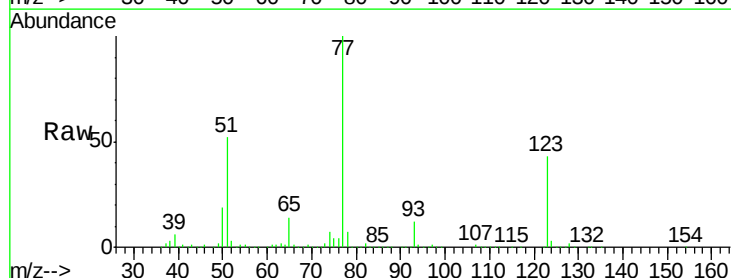
Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

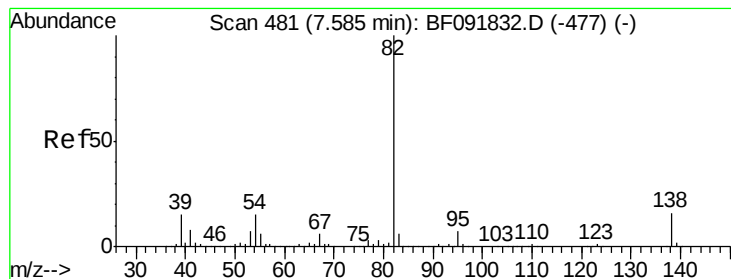
Tgt Ion: 82 Resp: 1438734
 Ion Ratio Lower Upper
 82 100
 128 46.2 34.6 52.0
 54 46.3 39.5 59.3



#24
 Nitrobenzene
 Concen: 42.82 ng
 RT: 7.26 min Scan# 470
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion: 77 Resp: 619715
 Ion Ratio Lower Upper
 77 100
 123 42.6 33.0 49.4
 65 13.7 11.2 16.8





#25

Isophorone

Concen: 49.08 ng

RT: 7.50 min Scan# 491

Delta R.T. -0.05 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

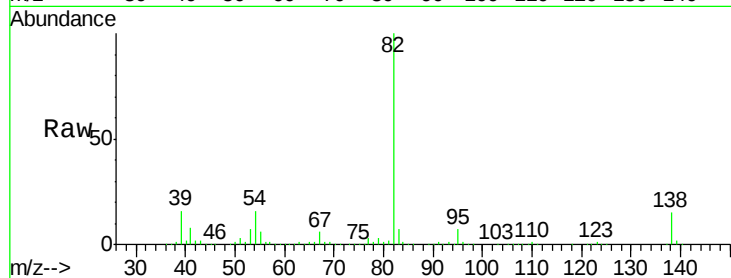
Tgt Ion: 82 Resp: 1230626

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

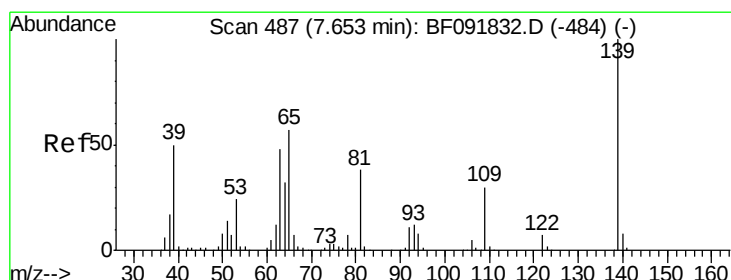
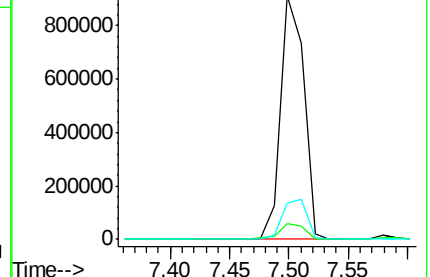
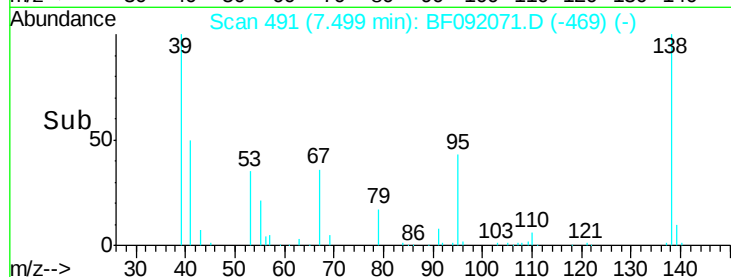
138 14.8 14.6 22.0



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: 49.08 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

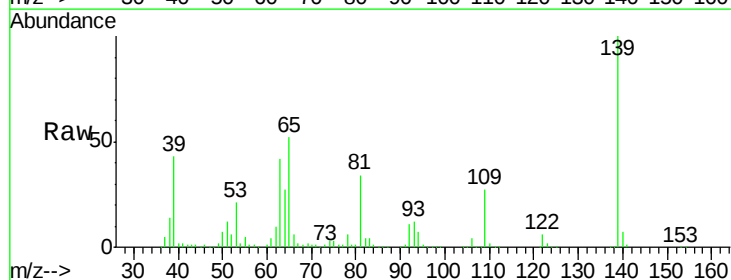
Tgt Ion: 139 Resp: 350327

Ion Ratio Lower Upper

139 100

109 27.5 23.3 34.9

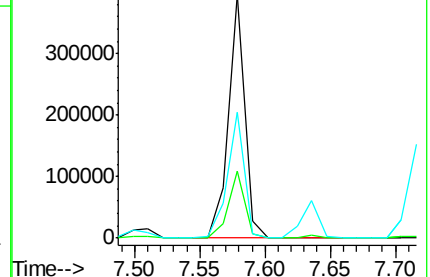
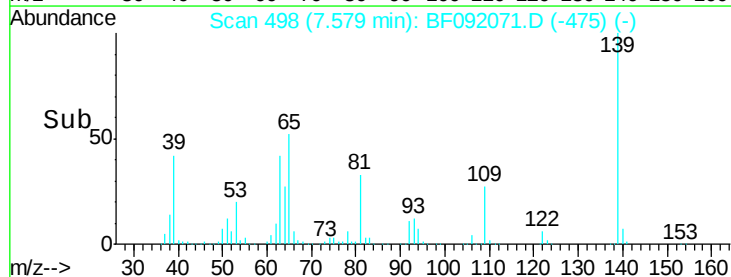
65 51.8 42.7 64.1

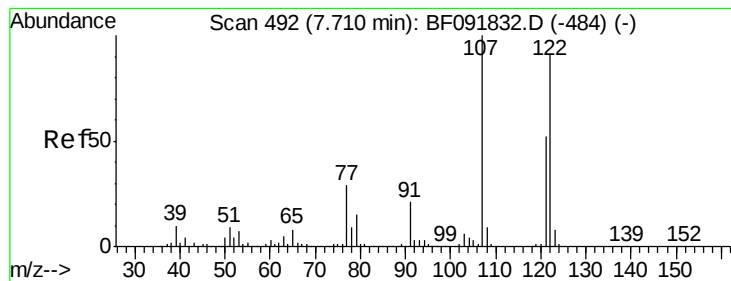


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 48.15 ng

RT: 7.64 min Scan# 503

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

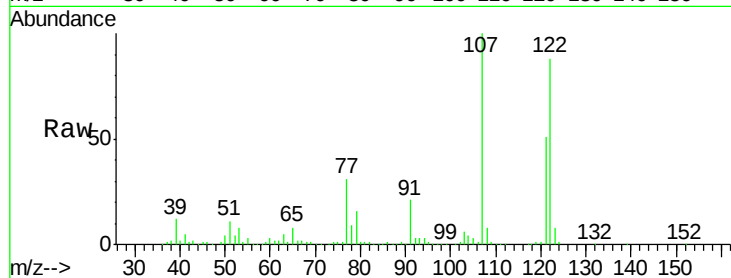
Tgt Ion:122 Resp: 570049

Ion Ratio Lower Upper

122 100

107 113.9 94.1 141.1

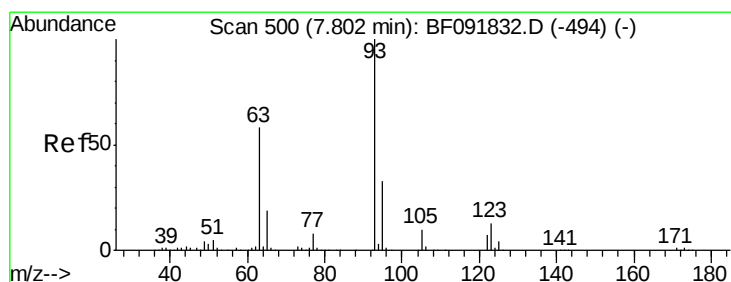
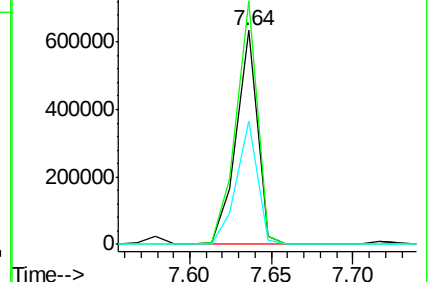
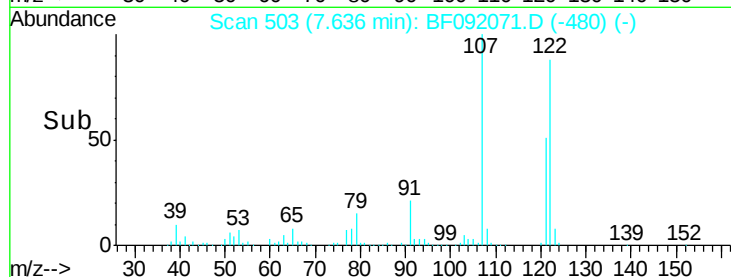
121 57.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.31 ng

RT: 7.72 min Scan# 510

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

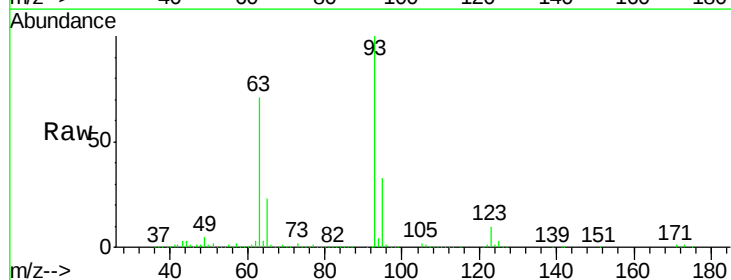
Tgt Ion: 93 Resp: 749728

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

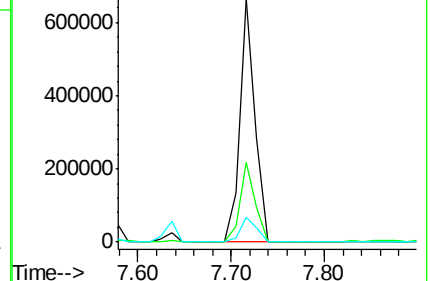
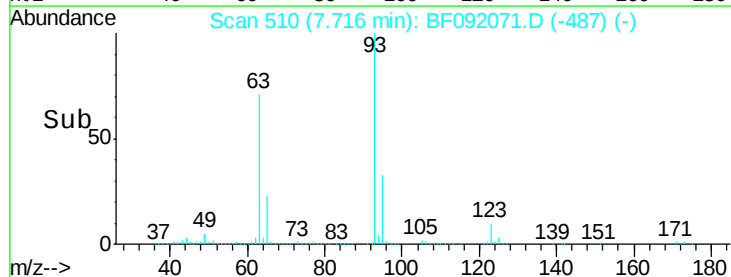
123 10.3 8.6 13.0

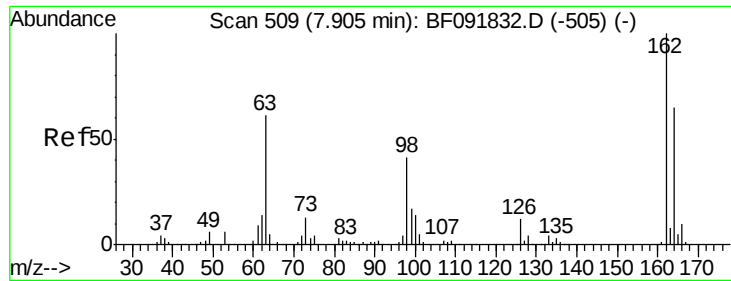


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

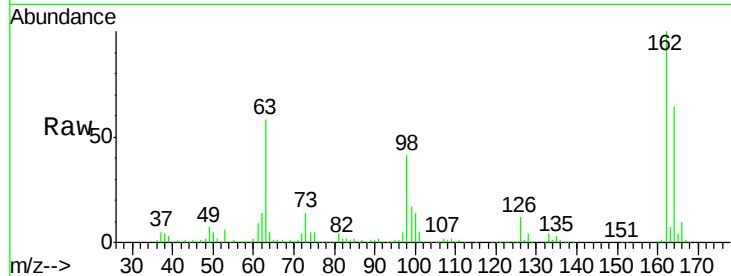




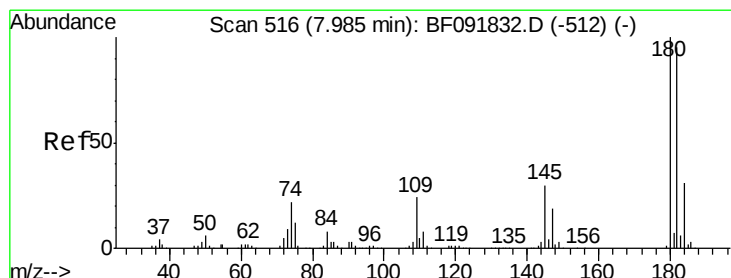
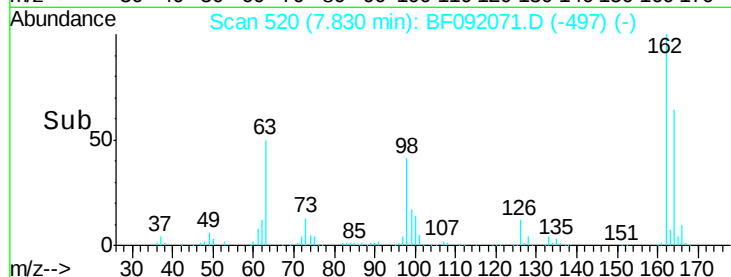
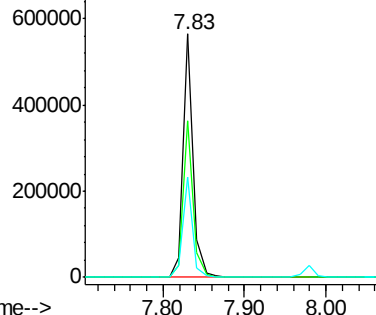
#29
2,4-Dichlorophenol
Concen: 49.03 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tgt Ion:162 Resp: 491505
Ion Ratio Lower Upper
162 100
164 64.1 46.8 86.8
98 41.3 9.1 49.1

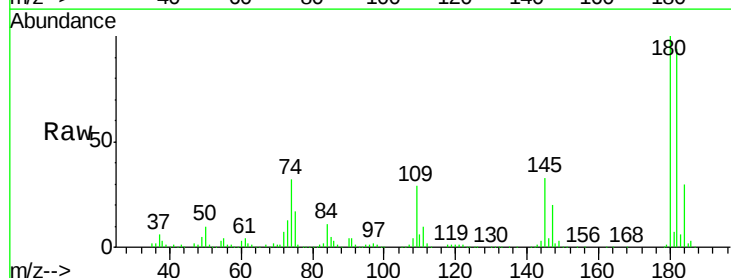


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

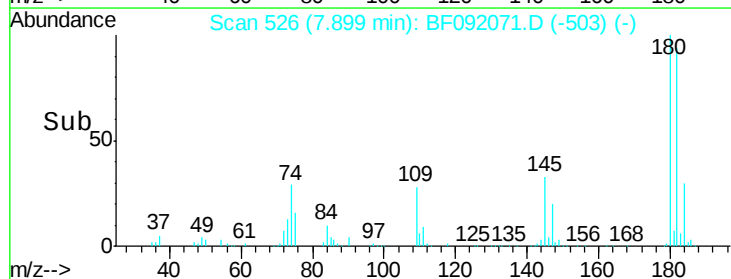
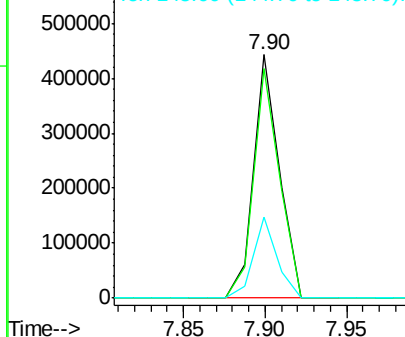


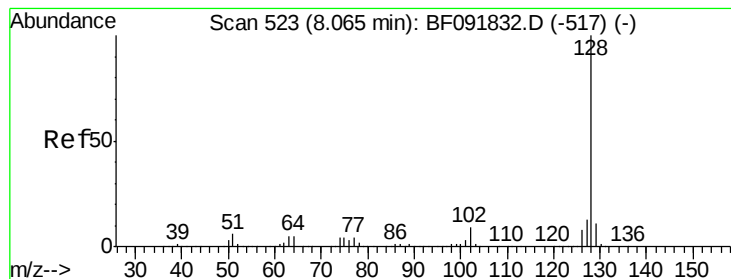
#30
1,2,4-Trichlorobenzene
Concen: 44.15 ng
RT: 7.90 min Scan# 526
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion:180 Resp: 484942
Ion Ratio Lower Upper
180 100
182 94.4 78.2 117.4
145 33.1 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: 46.20 ng

RT: 7.98 min Scan# 533

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

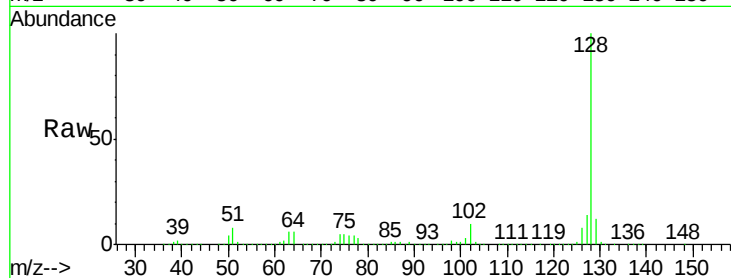
Tgt Ion:128 Resp: 1597719

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

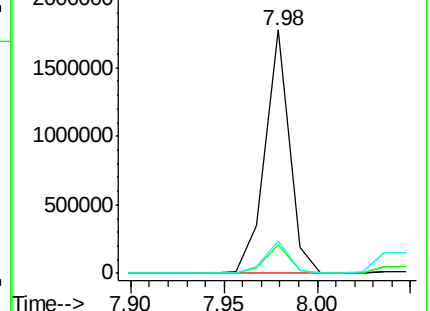
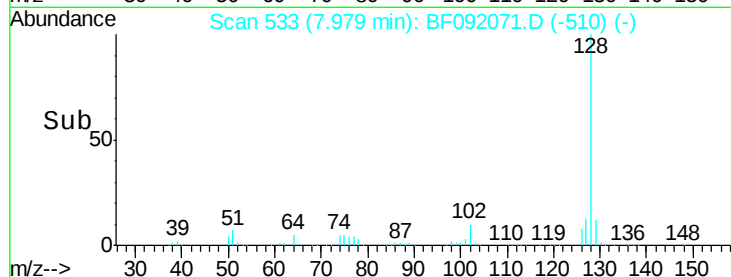
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 64.92 ng

RT: 7.64 min Scan# 503

Delta R.T. -0.20 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

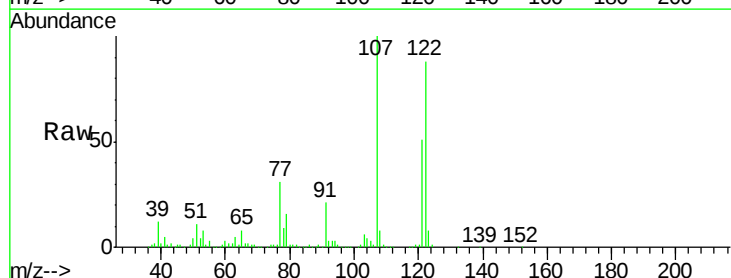
Tgt Ion:122 Resp: 570049

Ion Ratio Lower Upper

122 100

105 3.7 107.2 147.2#

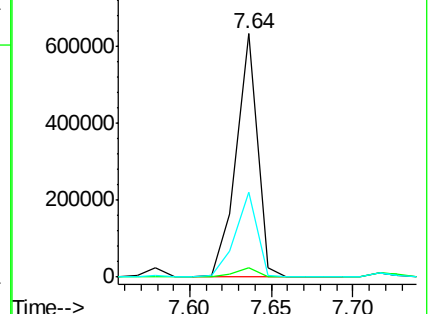
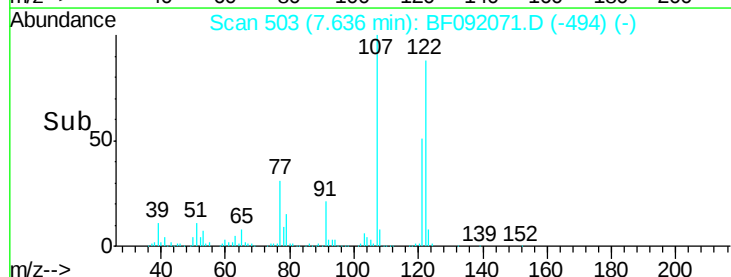
77 35.1 74.5 114.5#

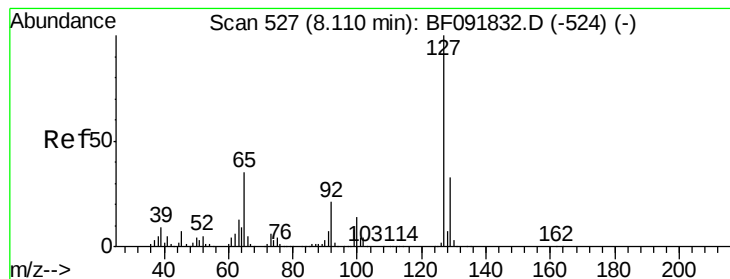


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 16.80 ng

RT: 8.05 min Scan# 539

Delta R.T. -0.03 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

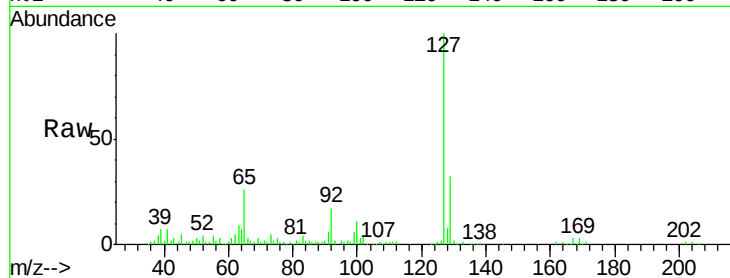
Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

Tgt Ion:	127	Resp:	262032
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	25.6	25.8	38.8#
92	16.9	16.1	24.1

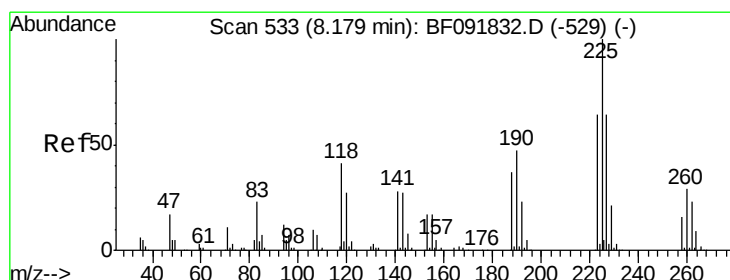
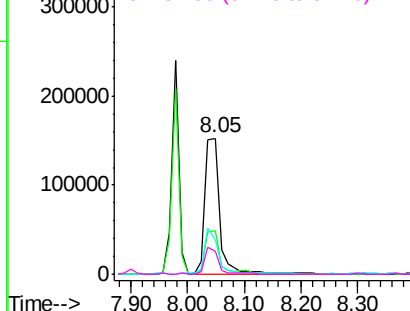
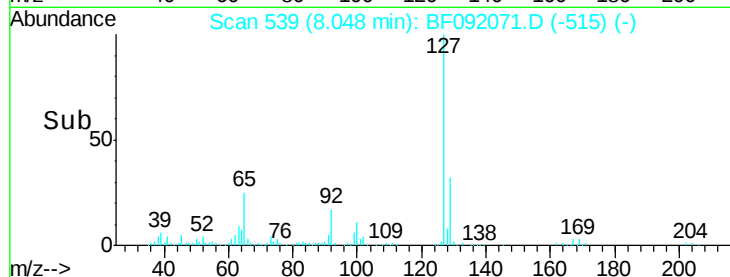


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 46.51 ng

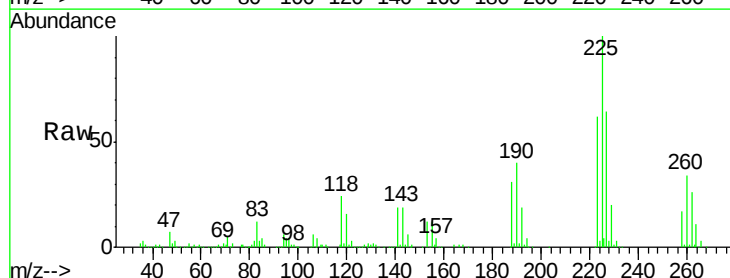
RT: 8.10 min Scan# 544

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

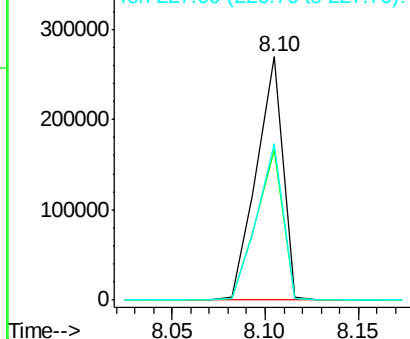
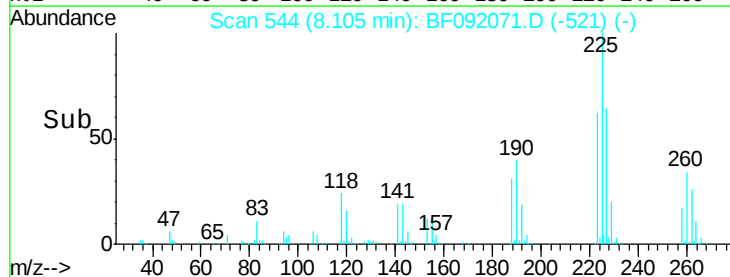
Tgt Ion:	225	Resp:	269717
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.0	76.6
227	64.2	50.6	76.0

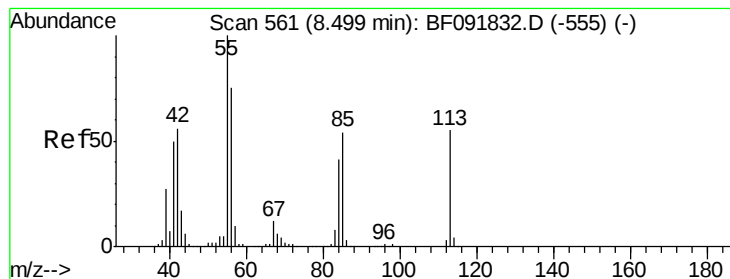


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 49.18 ng

RT: 8.41 min Scan# 571

Delta R.T. -0.06 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

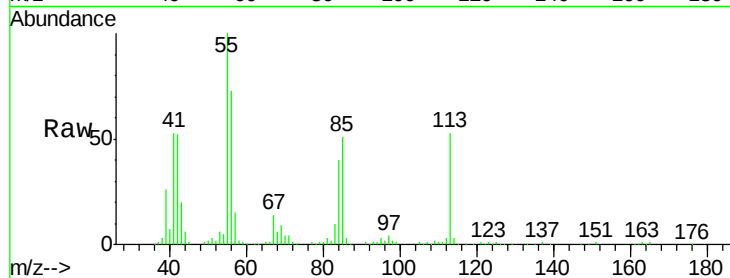
Tgt Ion:113 Resp: 162024

Ion Ratio Lower Upper

113 100

55 188.4 119.2 159.2#

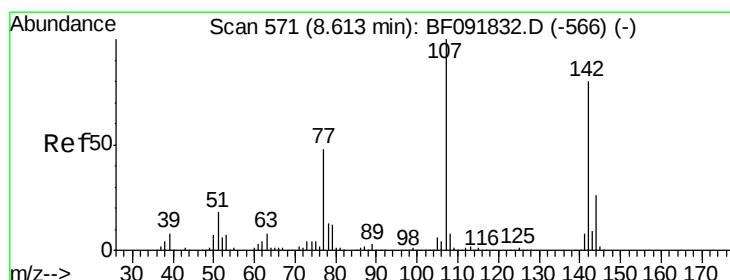
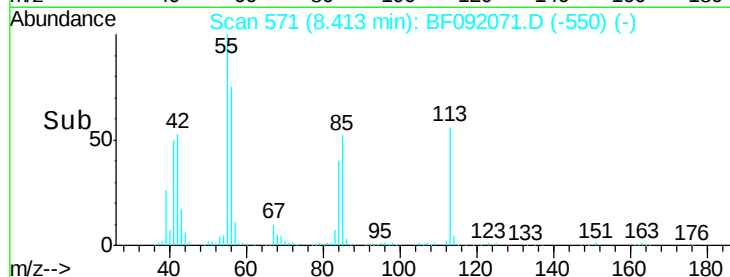
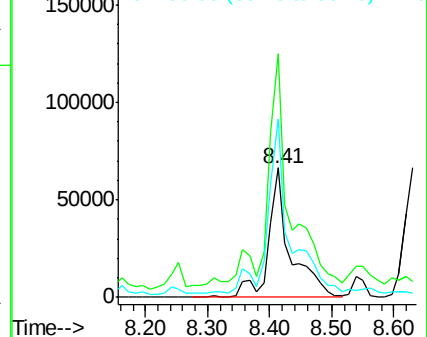
56 138.0 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.92 ng

RT: 8.54 min Scan# 582

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

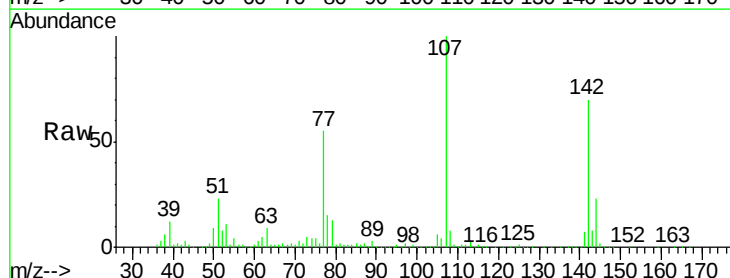
Tgt Ion:107 Resp: 495112

Ion Ratio Lower Upper

107 100

144 22.8 19.3 28.9

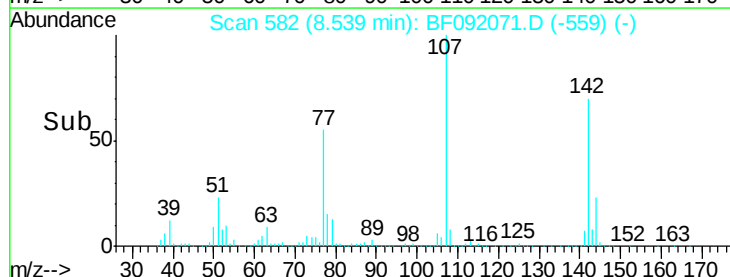
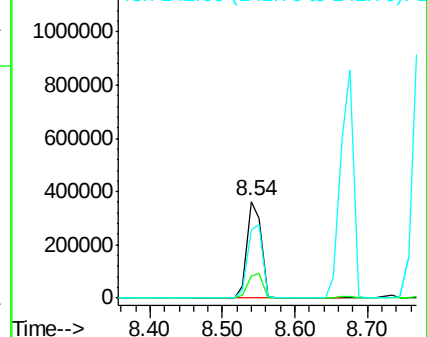
142 70.3 59.0 88.6

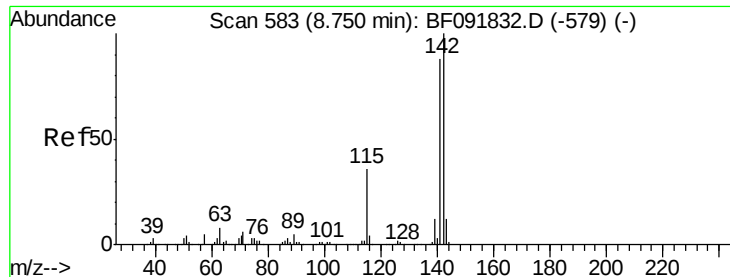


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

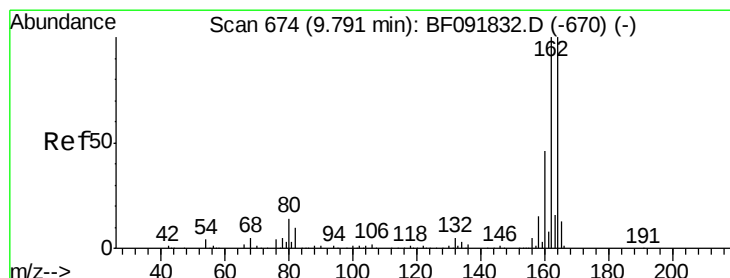
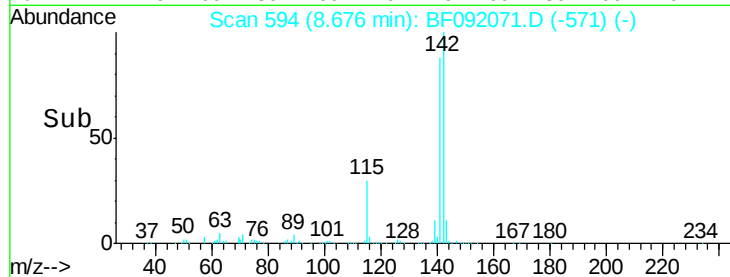
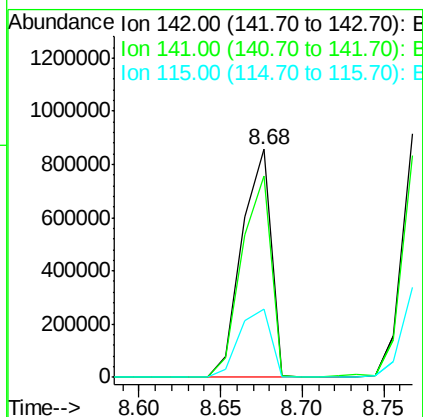
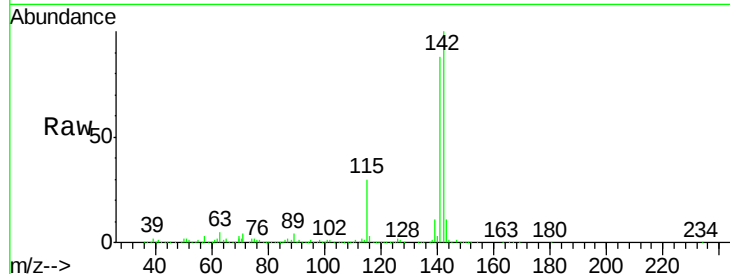




#37
2-Methylnaphthalene
Concen: 55.31 ng
RT: 8.68 min Scan# 594
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

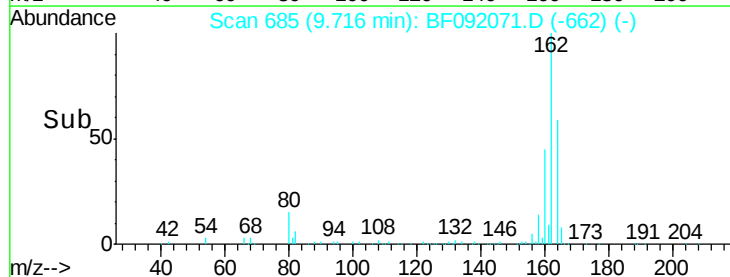
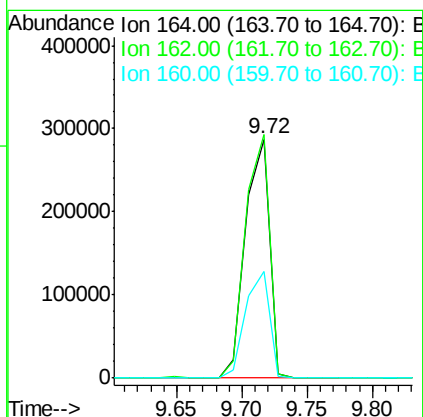
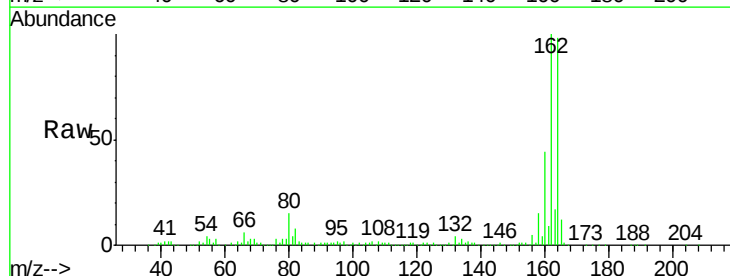
Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

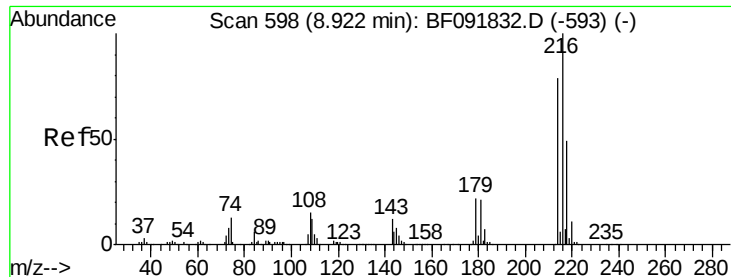
Tgt Ion:142 Resp: 1063819
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 30.1 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 685
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion:164 Resp: 367014
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.2
160 44.6 36.9 55.3

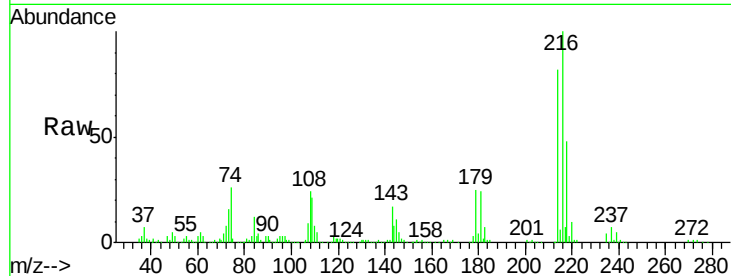




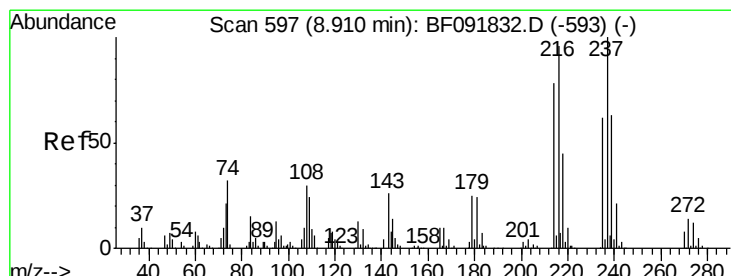
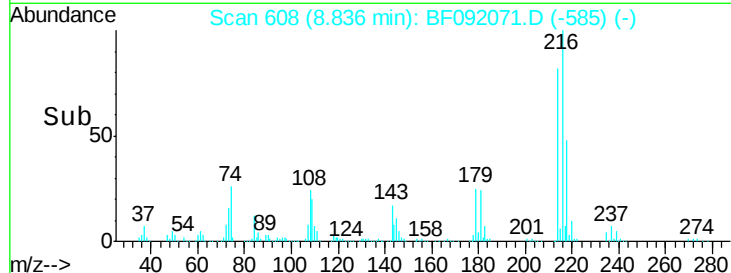
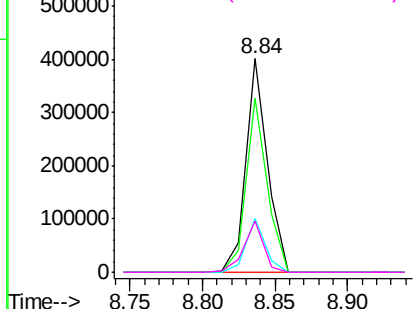
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.37 ng
 RT: 8.84 min Scan# 608
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tgt Ion:	216	Resp:	411426
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.0
179	23.9	17.4	26.2
108	21.9	15.6	23.4

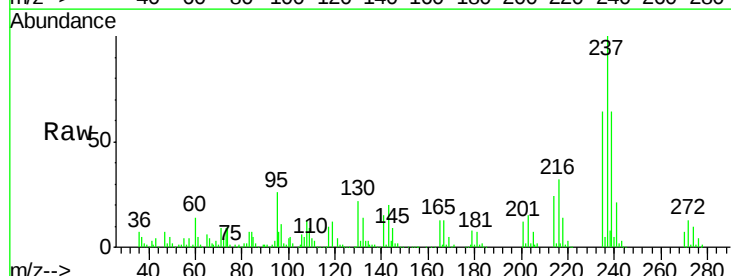


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

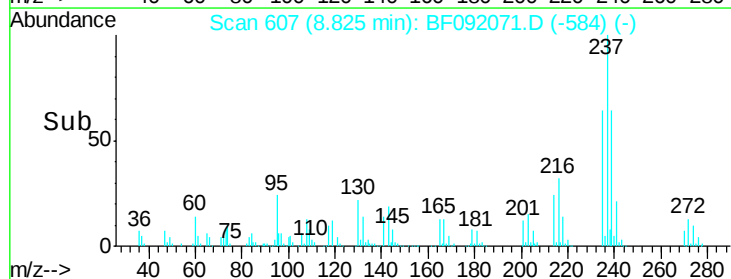
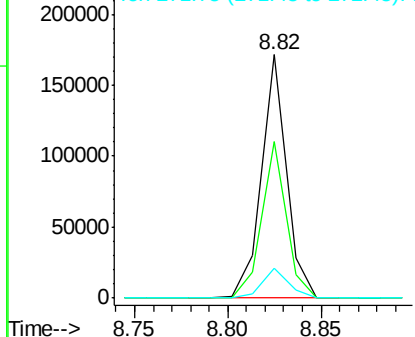


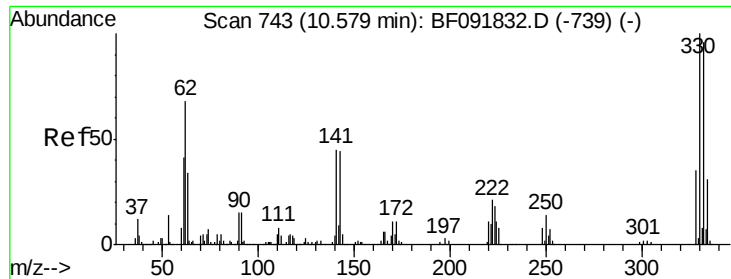
#40
 Hexachlorocyclopentadiene
 Concen: 40.45 ng
 RT: 8.82 min Scan# 607
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion:	237	Resp:	158493
Ion	Ratio	Lower	Upper
237	100		
235	64.1	41.2	81.2
272	12.5	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

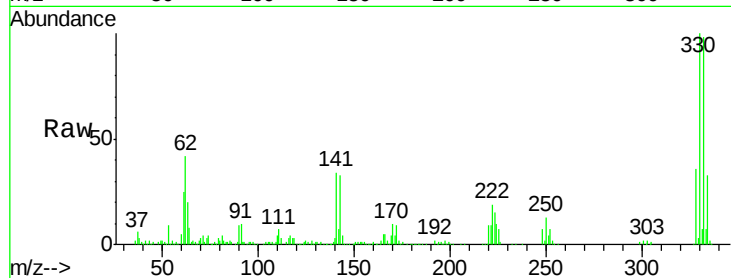




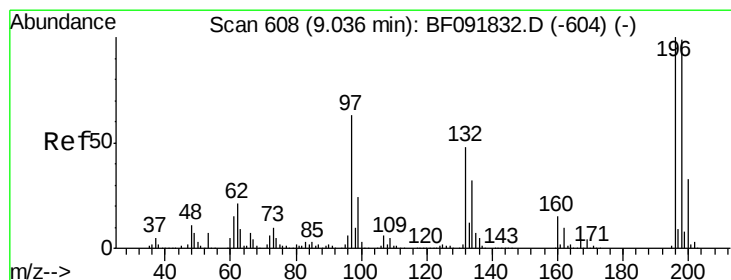
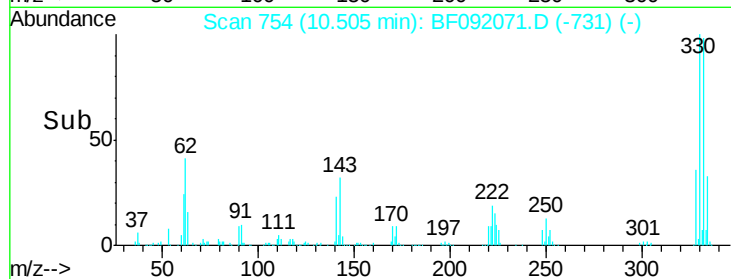
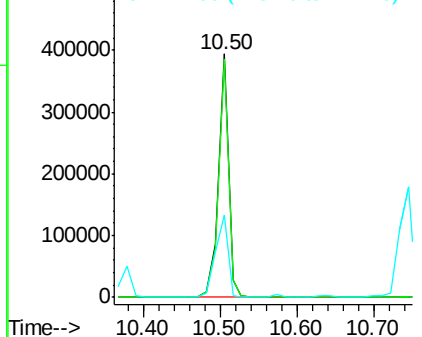
#41
 2,4,6-Tribromophenol
 Concen: 118.06 ng
 RT: 10.50 min Scan# 754
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tgt Ion:330 Resp: 358599
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 41.2 34.1 51.1

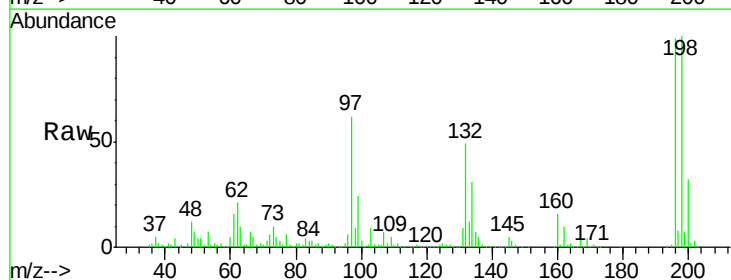


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

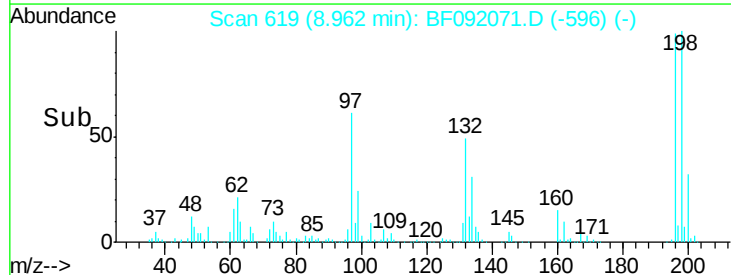
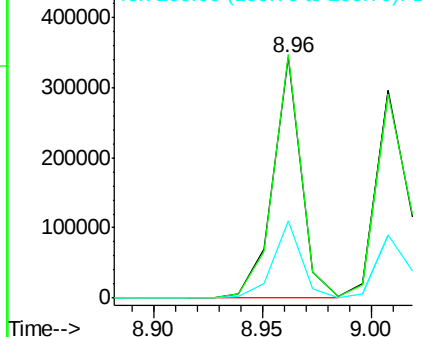


#42
 2,4,6-Trichlorophenol
 Concen: 48.57 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion:196 Resp: 314942
 Ion Ratio Lower Upper
 196 100
 198 101.1 82.1 123.1
 200 32.3 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

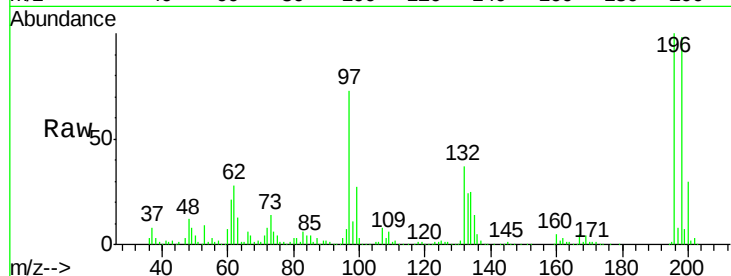




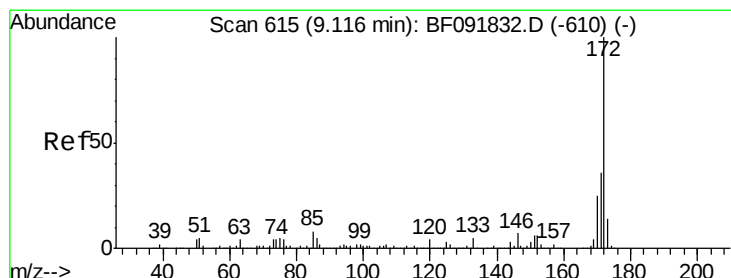
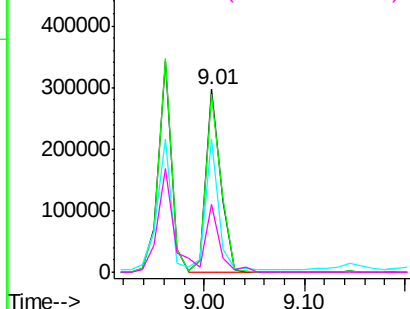
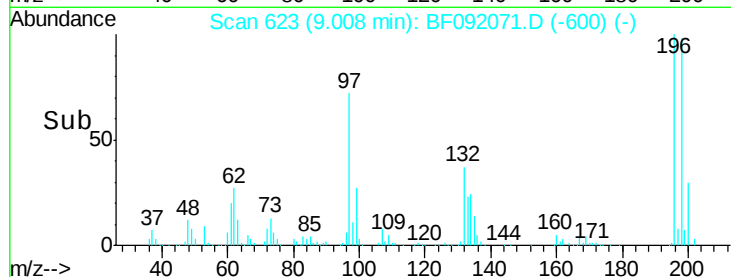
#43
 2,4,5-Trichlorophenol
 Concen: 45.33 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tgt Ion:196 Resp: 302534
 Ion Ratio Lower Upper
 196 100
 198 97.8 79.4 119.2
 97 72.9 51.5 77.3
 132 37.4 27.4 41.2

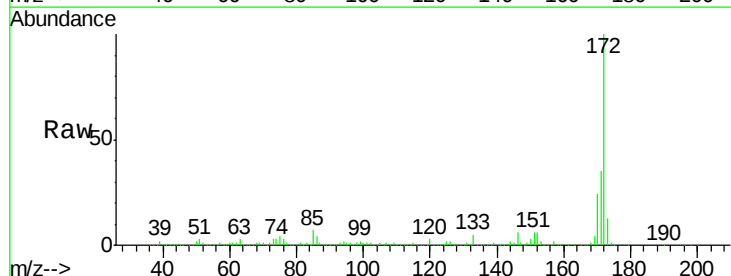


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

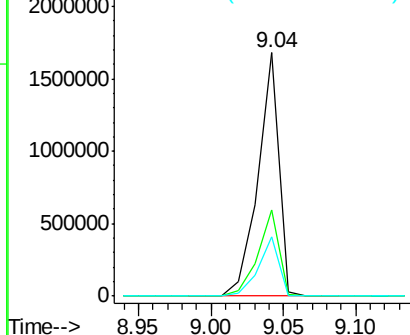
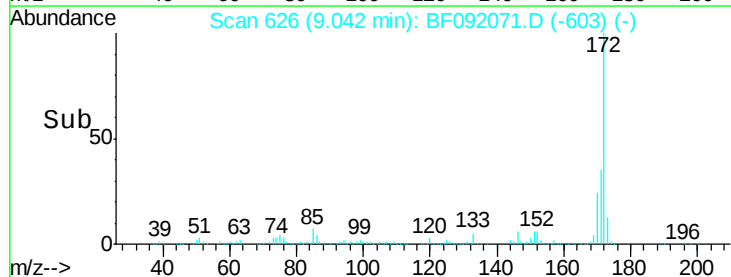


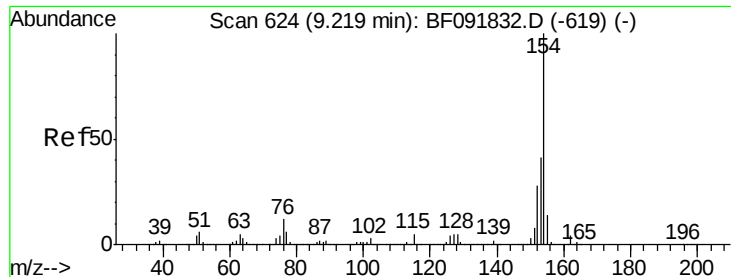
#44
 2-Fluorobiphenyl
 Concen: 95.05 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion:172 Resp: 1675269
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 24.4 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: 47.20 ng

RT: 9.13 min Scan# 634

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

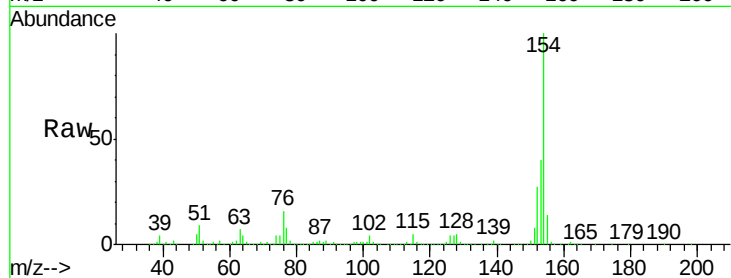
Tgt Ion:154 Resp: 1186080

Ion Ratio Lower Upper

154 100

153 40.4 20.9 60.9

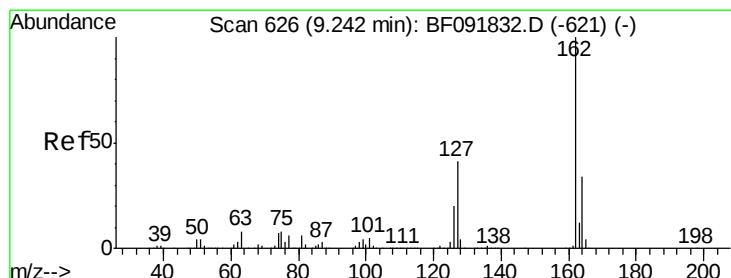
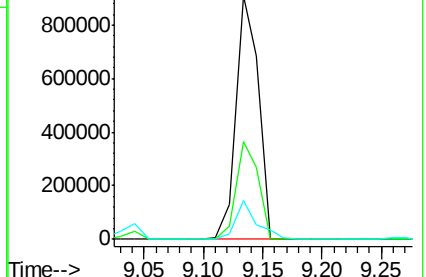
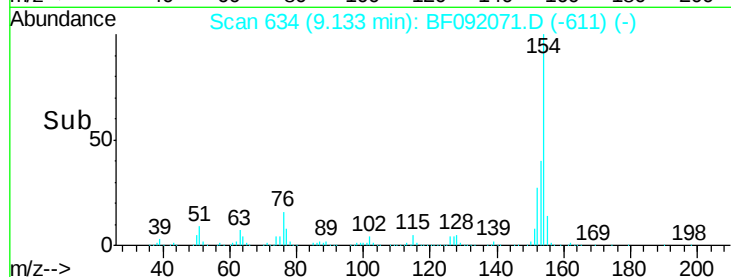
76 16.2 0.0 30.5



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: 44.48 ng

RT: 9.16 min Scan# 636

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

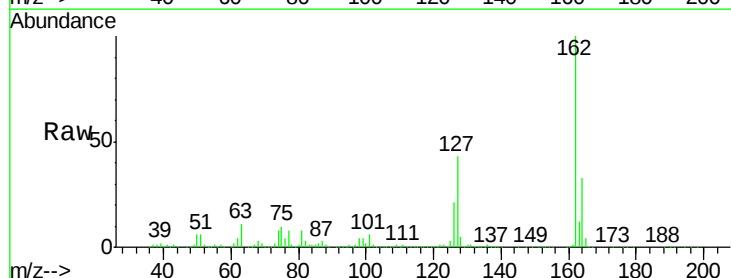
Tgt Ion:162 Resp: 885179

Ion Ratio Lower Upper

162 100

127 43.4 30.7 46.1

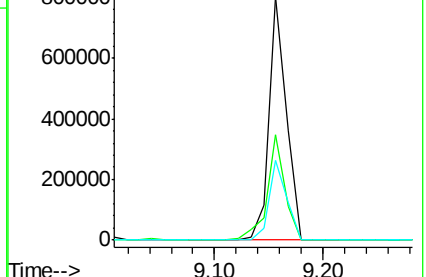
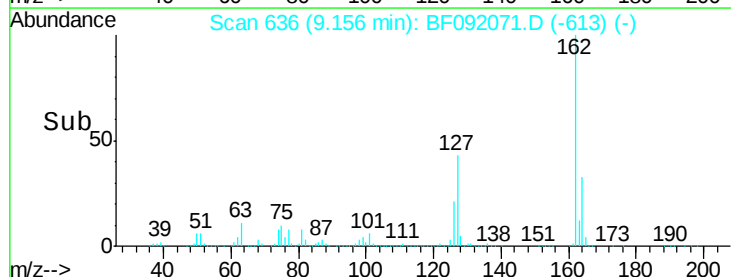
164 33.0 27.6 41.4



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

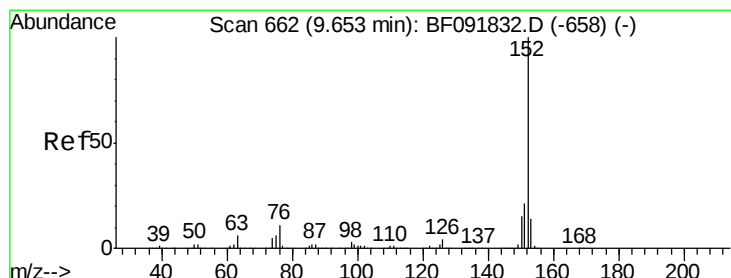
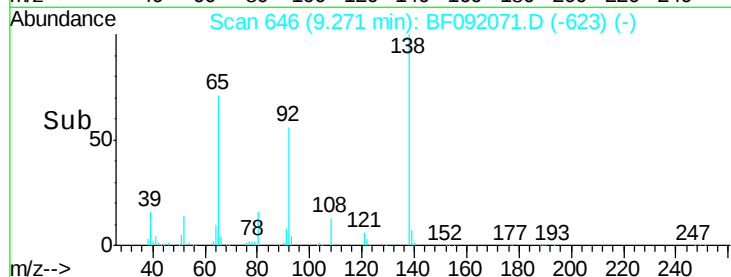
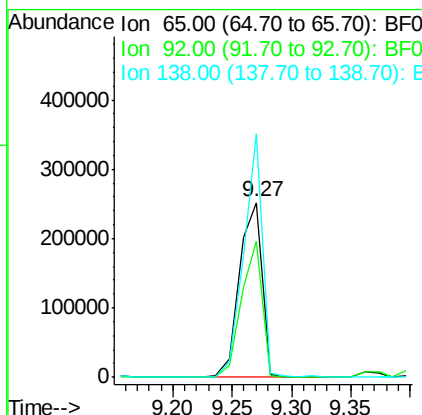
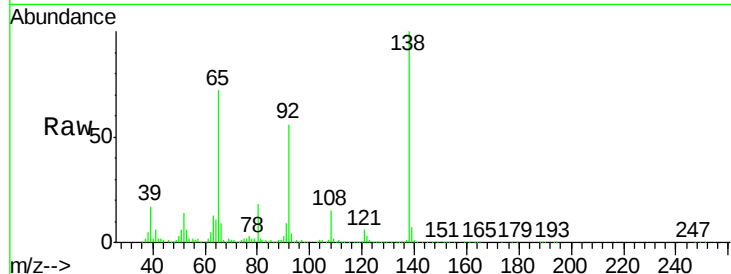




#47
2-Nitroaniline
Concen: 46.97 ng
RT: 9.27 min Scan# 646
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

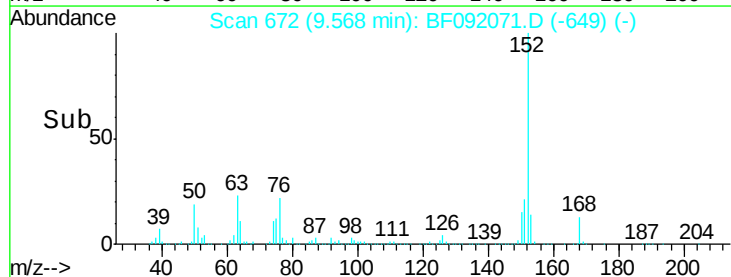
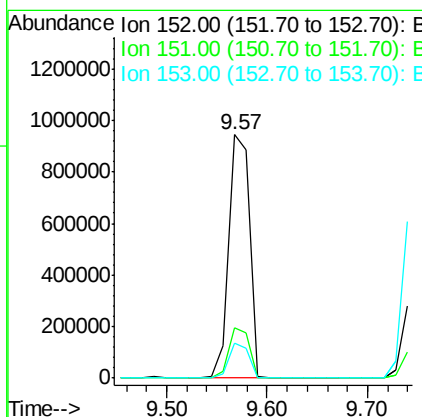
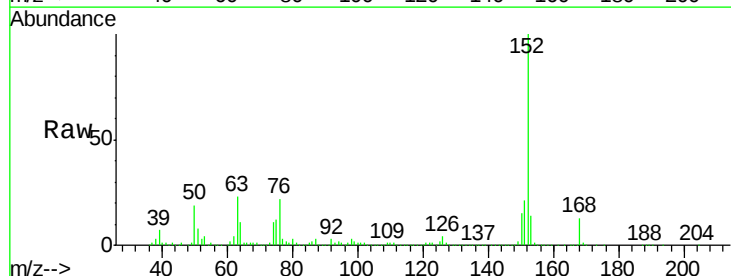
Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

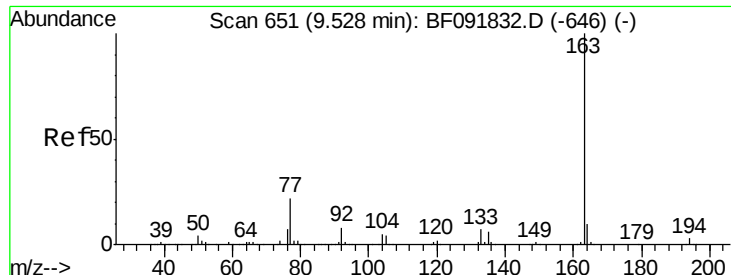
Tgt Ion: 65 Resp: 332816
Ion Ratio Lower Upper
65 100
92 78.1 53.9 80.9
138 139.1 76.8 115.2#



#48
Acenaphthylene
Concen: 44.09 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion: 152 Resp: 1349377
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 14.5 11.4 17.2

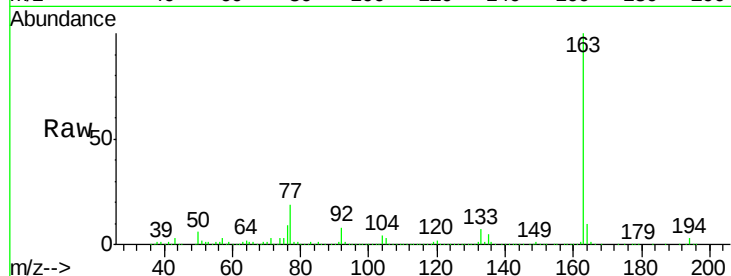




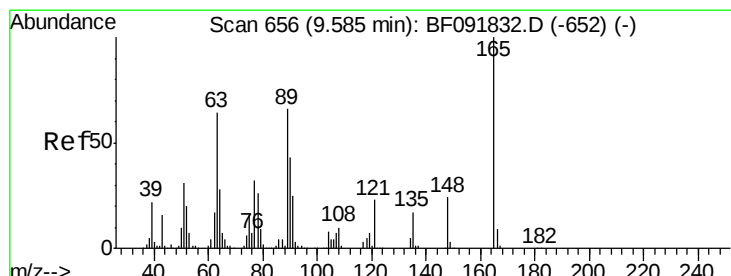
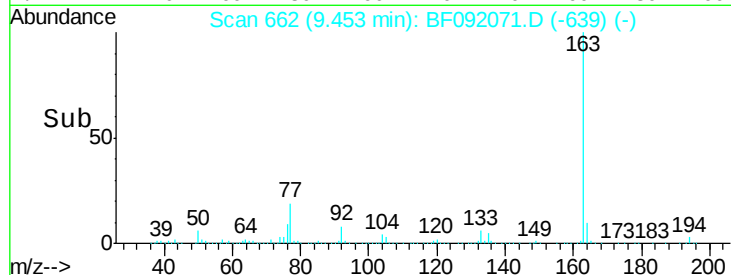
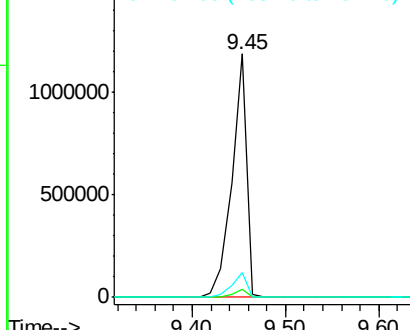
#49
Dimethylphthalate
Concen: 56.01 ng
RT: 9.45 min Scan# 662
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tgt Ion:163 Resp: 1314719
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.1 8.0 12.0

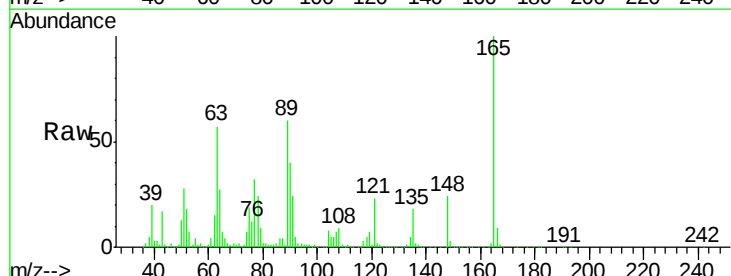


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

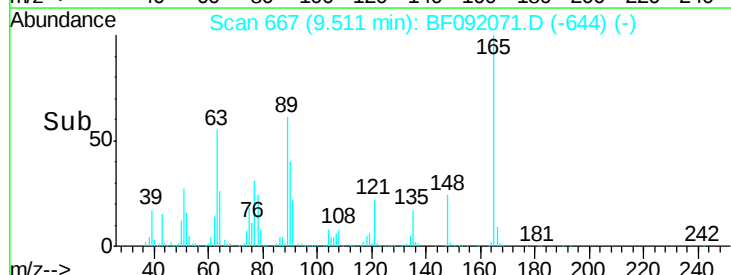
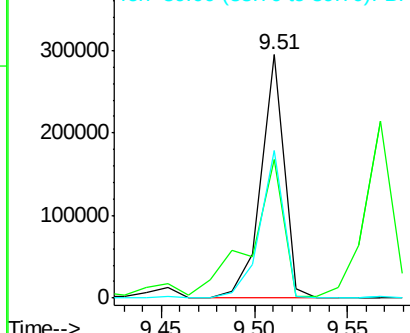


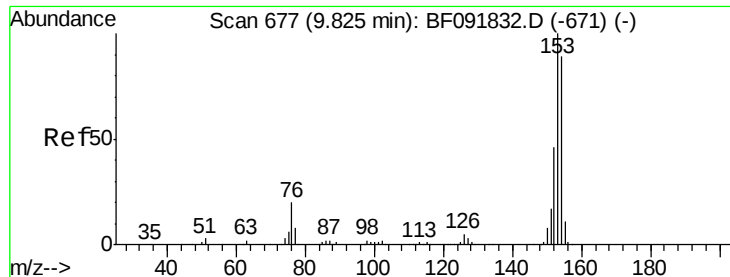
#50
2,6-Dinitrotoluene
Concen: 48.86 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion:165 Resp: 251051
Ion Ratio Lower Upper
165 100
63 57.0 36.2 54.4#
89 60.5 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: 40.64 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

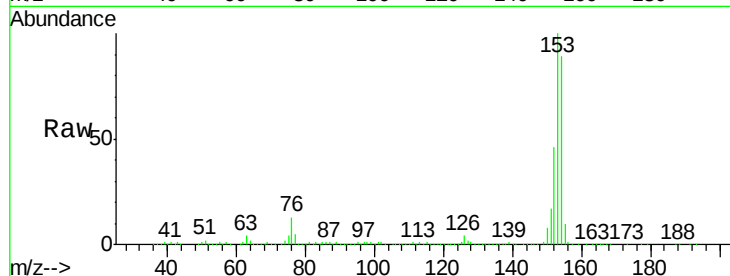
Tgt Ion:154 Resp: 843284

Ion Ratio Lower Upper

154 100

153 111.9 88.6 133.0

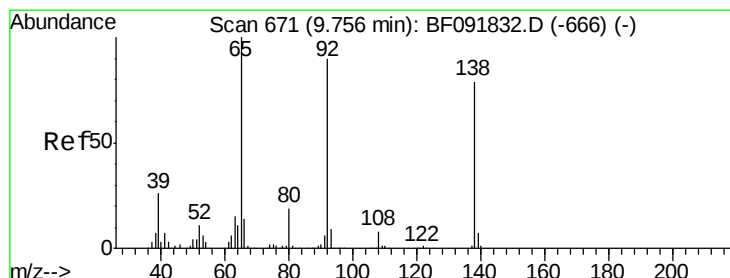
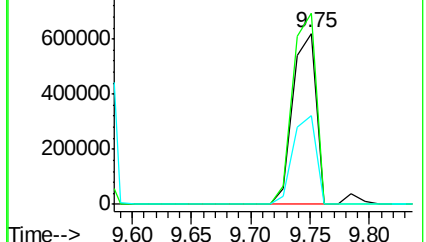
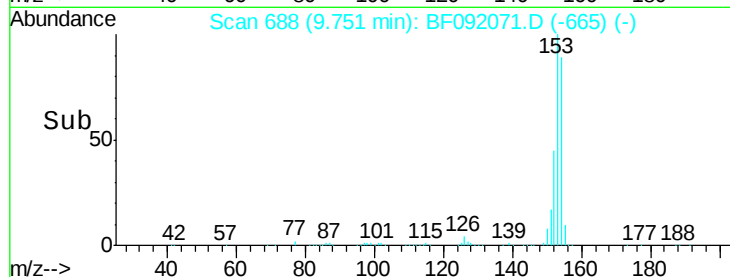
152 51.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.31 ng

RT: 9.68 min Scan# 682

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

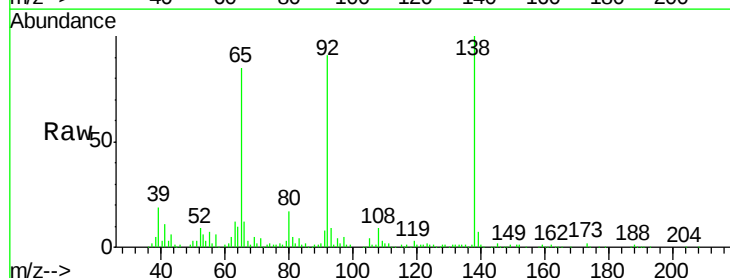
Tgt Ion:138 Resp: 179972

Ion Ratio Lower Upper

138 100

108 8.9 8.5 12.7

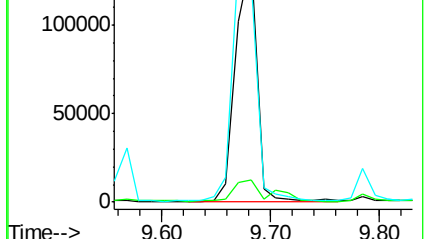
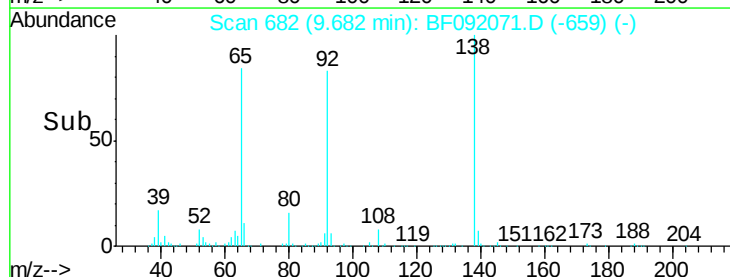
92 91.2 97.8 146.8#

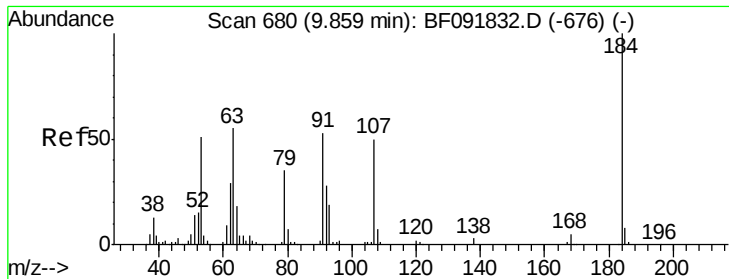


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 22.44 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

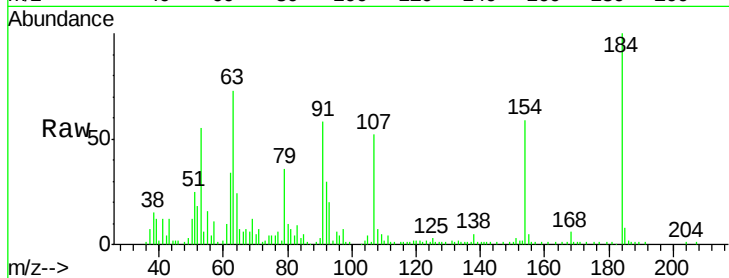
Tgt Ion:184 Resp: 64138

Ion Ratio Lower Upper

184 100

63 73.1 28.4 42.6#

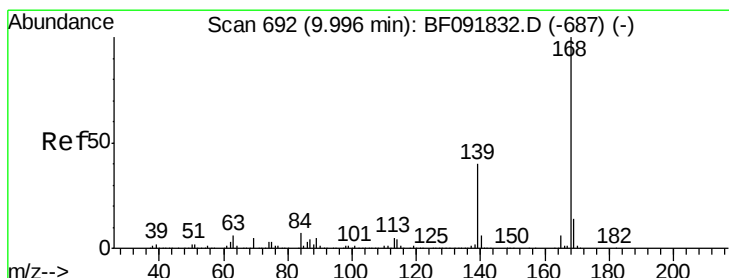
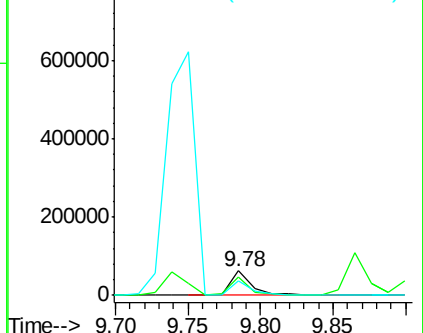
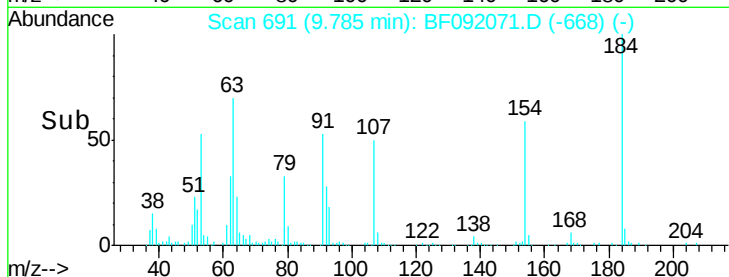
154 59.3 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.20 ng

RT: 9.92 min Scan# 703

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

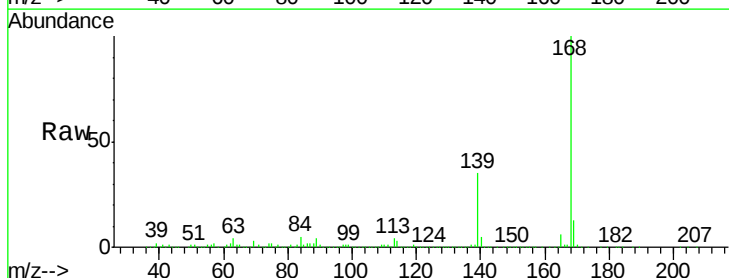
Tgt Ion:168 Resp: 1210668

Ion Ratio Lower Upper

168 100

139 34.8 32.6 49.0

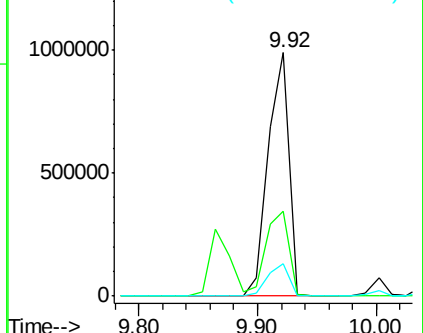
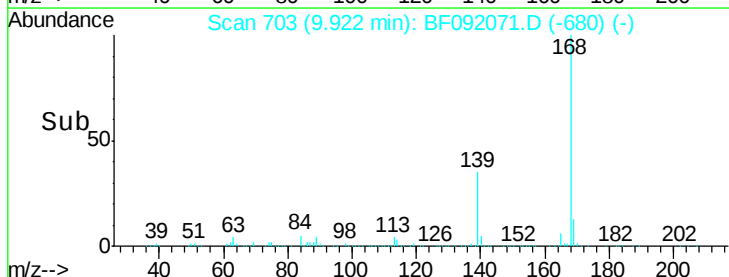
169 13.1 11.3 16.9

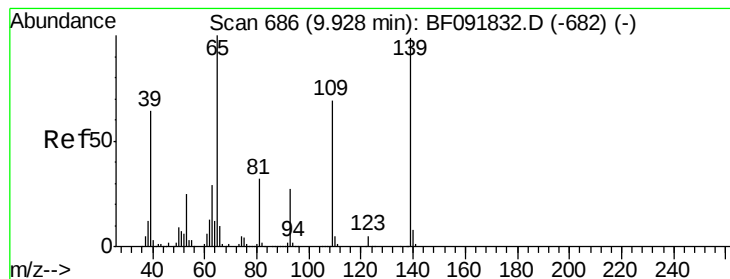


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 75.07 ng

RT: 9.86 min Scan# 698

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

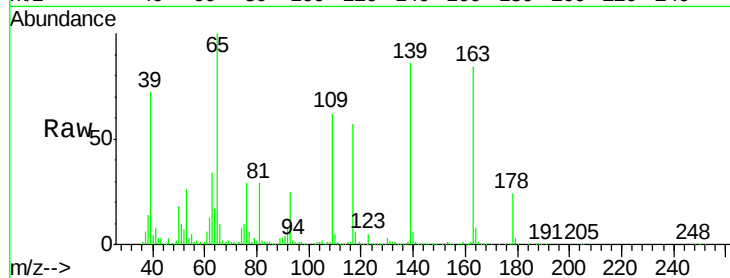
Tgt Ion:139 Resp: 324070

Ion Ratio Lower Upper

139 100

109 72.5 52.2 92.2

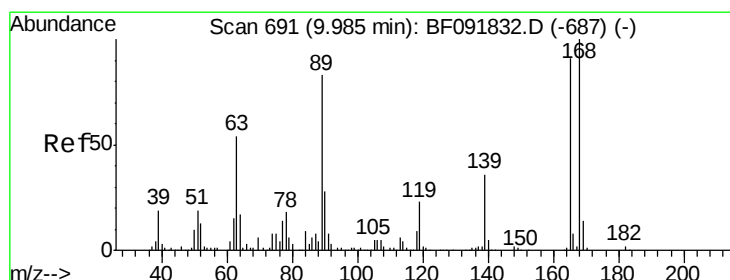
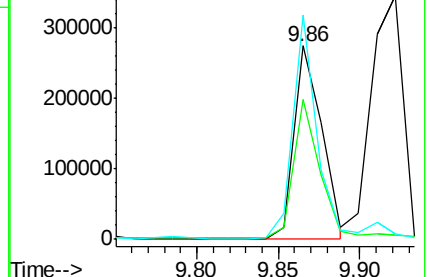
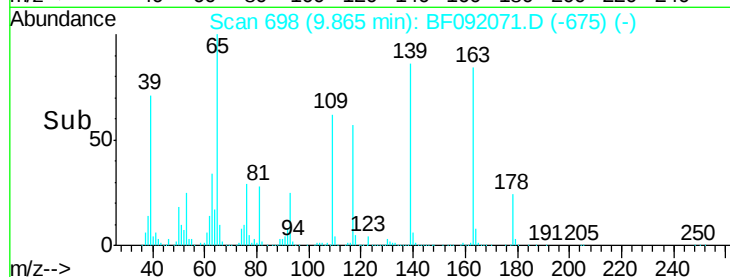
65 116.3 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.75 ng

RT: 9.91 min Scan# 702

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Tgt Ion:165 Resp: 269199

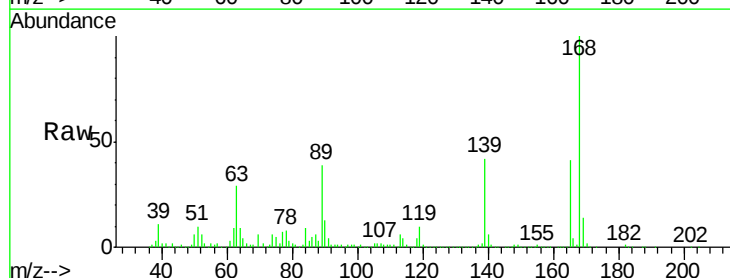
Ion Ratio Lower Upper

165 100

63 69.8 40.2 60.4#

89 95.5 62.5 93.7#

182 2.2 1.8 2.8

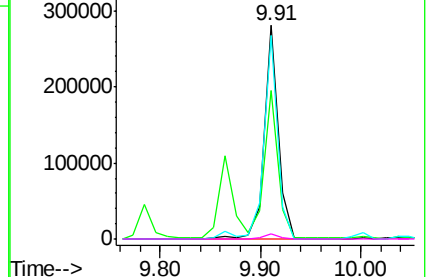
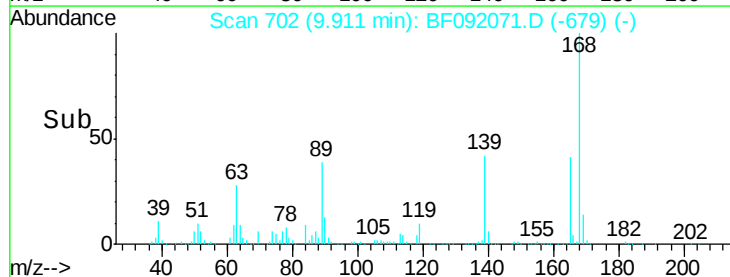


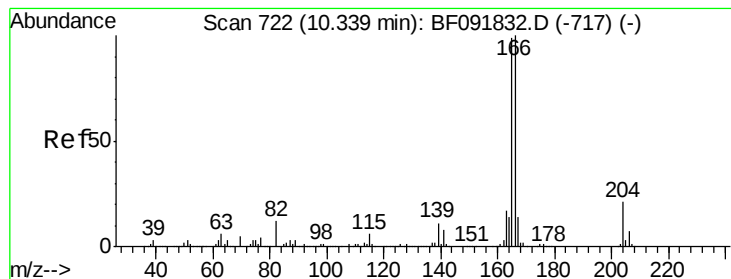
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.17 ng

RT: 10.26 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

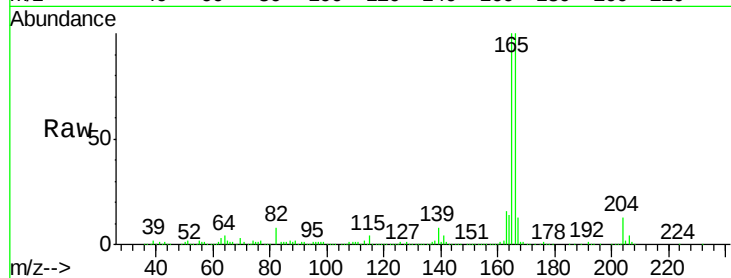
Tgt Ion:166 Resp: 880152

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.8

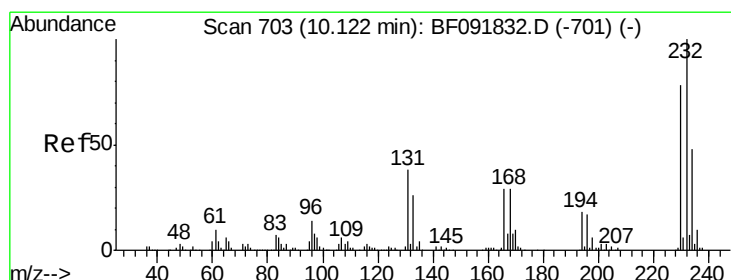
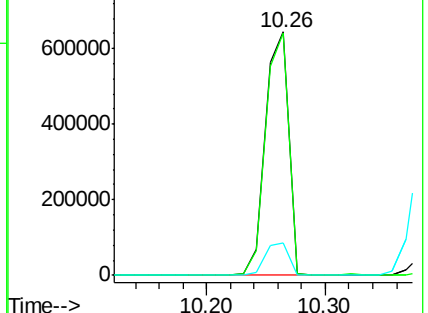
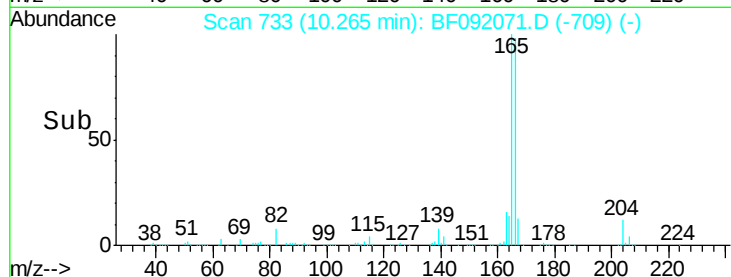
167 13.2 10.8 16.2



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: 47.33 ng

RT: 10.05 min Scan# 714

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Tgt Ion:232 Resp: 249838

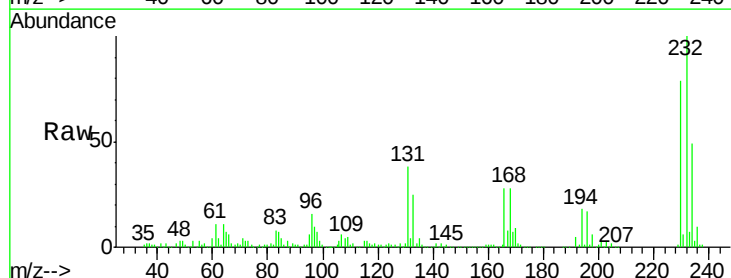
Ion Ratio Lower Upper

232 100

131 47.7 40.1 60.1

130 2.5 1.8 2.8

166 31.0 26.6 39.8

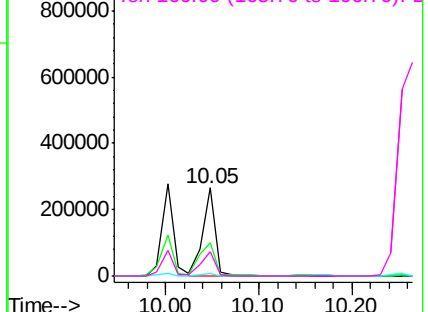
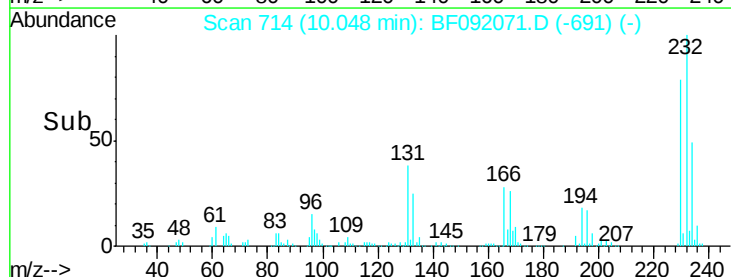


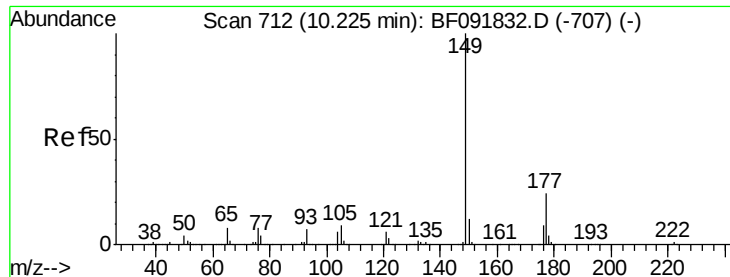
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

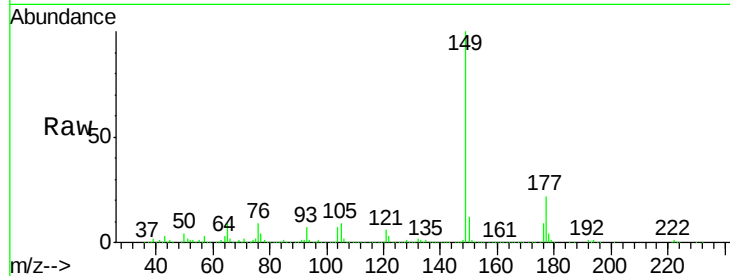




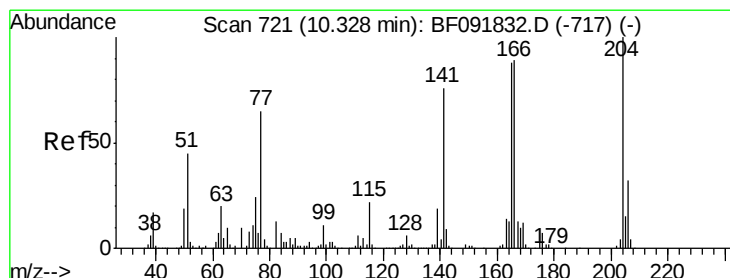
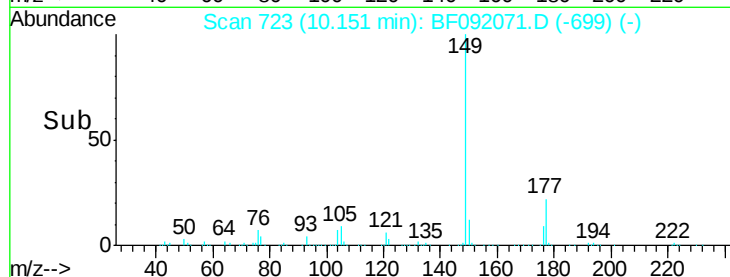
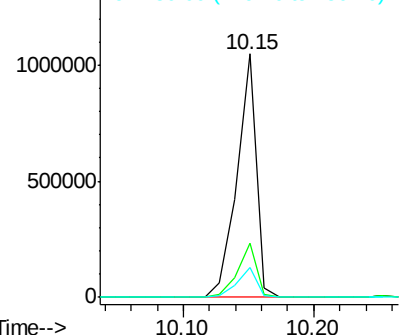
#59
Diethylphthalate
Concen: 47.31 ng
RT: 10.15 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tgt Ion:149 Resp: 1078462
Ion Ratio Lower Upper
149 100
177 22.3 16.6 25.0
150 12.3 10.4 15.6

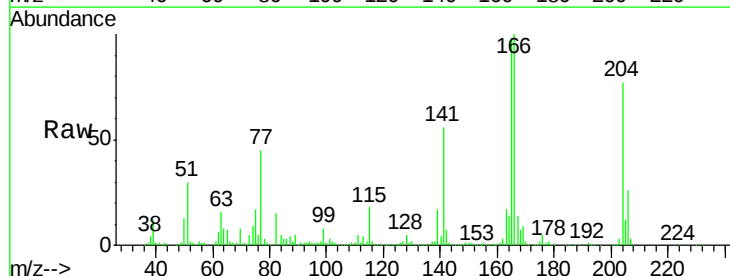


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

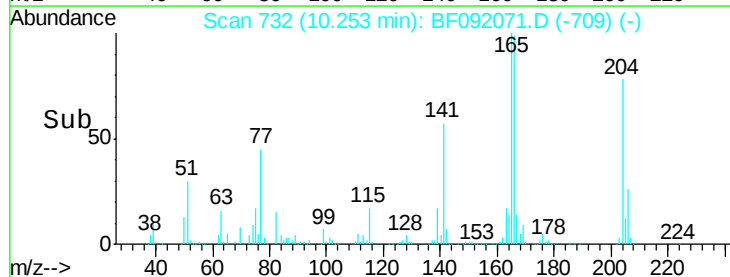
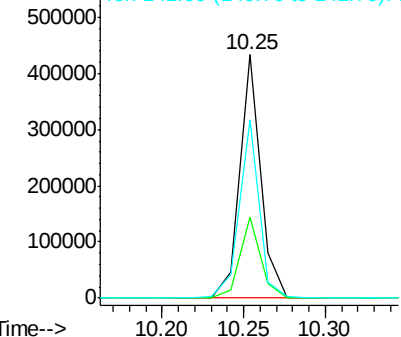


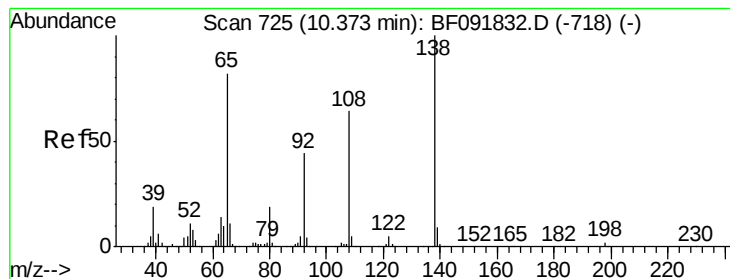
#60
4-Chlorophenyl-phenylether
Concen: 43.27 ng
RT: 10.25 min Scan# 732
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion:204 Resp: 386234
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 73.2 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.42 ng

RT: 10.29 min Scan# 735

Delta R.T. -0.05 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

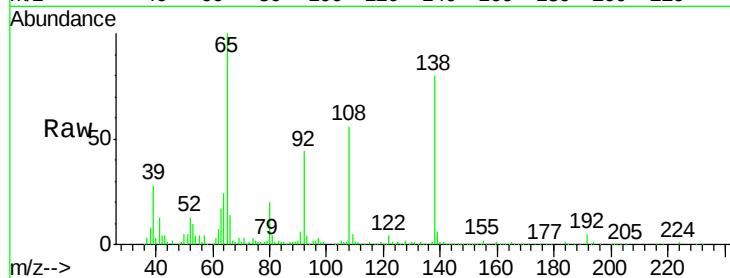
Tgt Ion:138 Resp: 213618

Ion Ratio Lower Upper

138 100

92 54.9 31.7 71.7

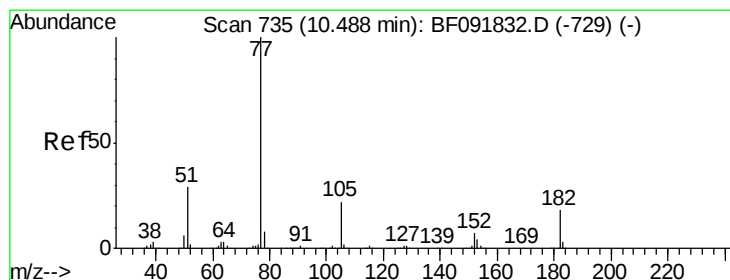
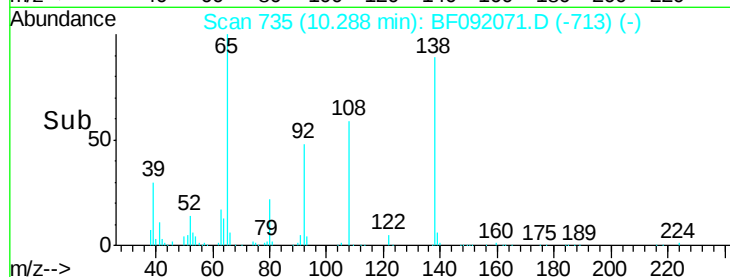
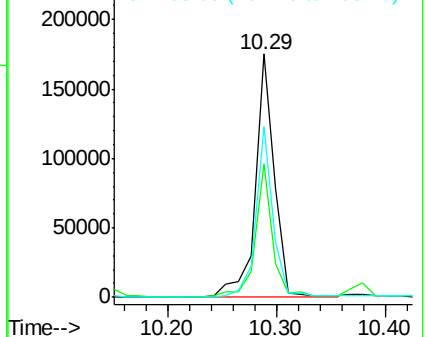
108 70.3 52.6 92.6



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: 46.22 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Tgt Ion: 77 Resp: 1160214

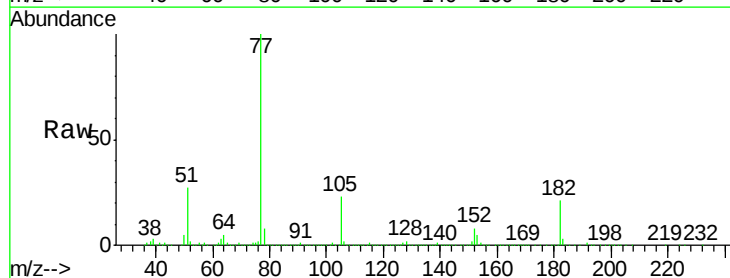
Ion Ratio Lower Upper

77 100

182 21.0 0.0 39.3

105 23.4 2.3 42.3

51 27.2 8.9 48.9

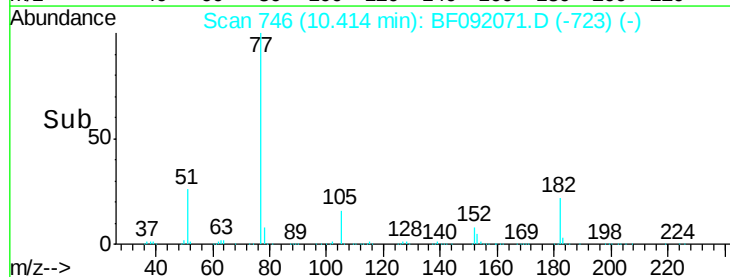
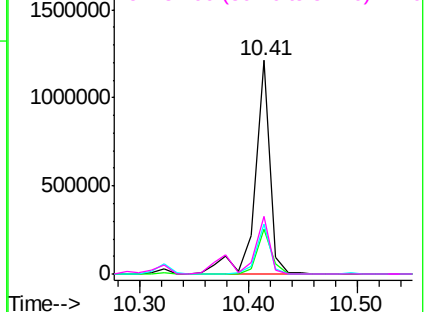


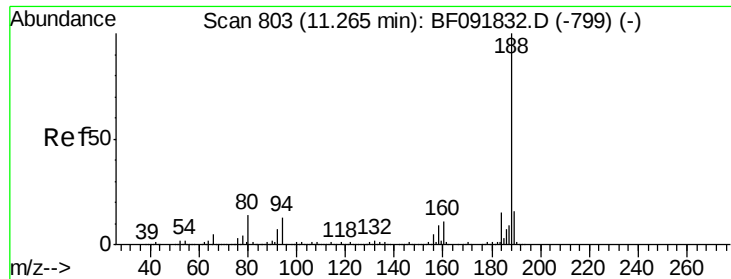
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.19 min Scan# 814

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

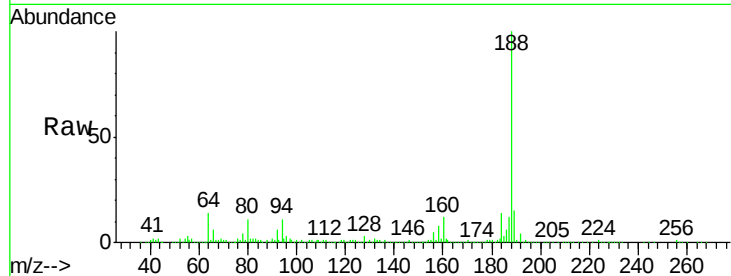
Tgt Ion:188 Resp: 502016

Ion Ratio Lower Upper

188 100

94 10.6 10.0 15.0

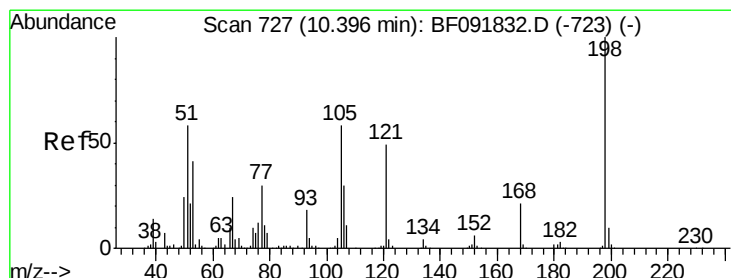
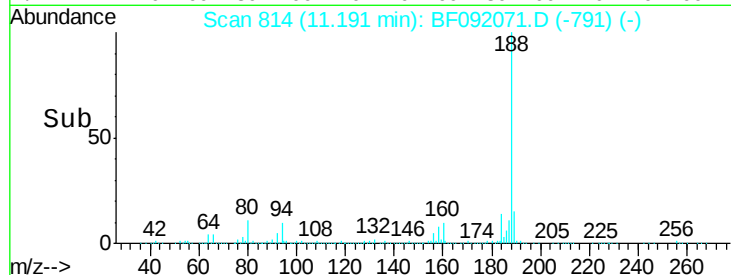
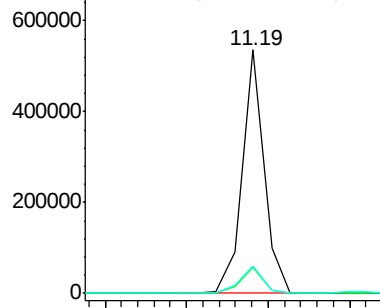
80 11.4 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 36.13 ng

RT: 10.32 min Scan# 738

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

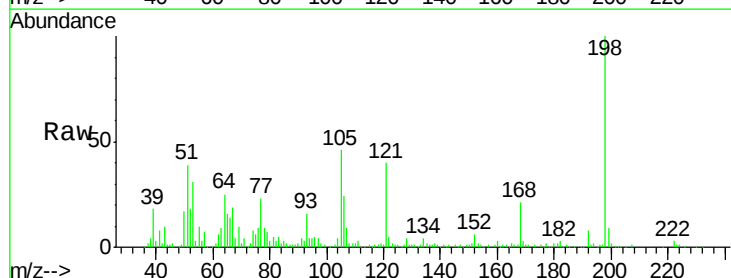
Tgt Ion:198 Resp: 109676

Ion Ratio Lower Upper

198 100

51 39.3 6.7 46.7

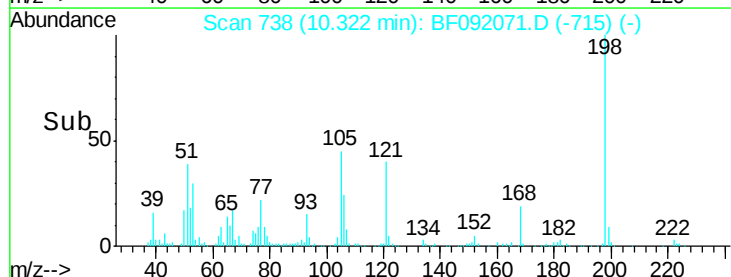
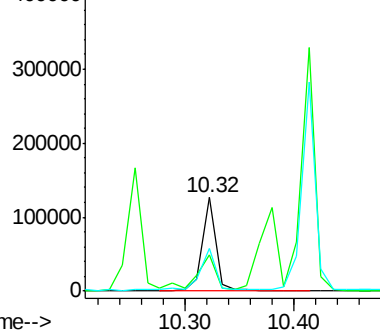
105 46.3 16.6 56.6

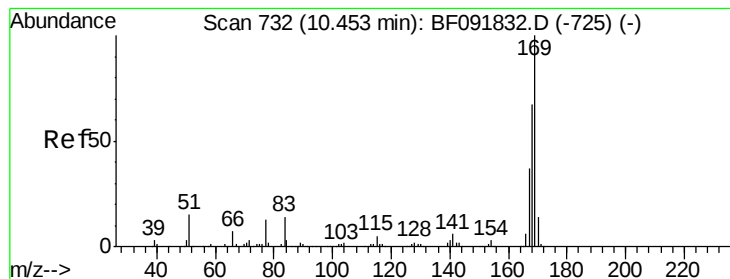


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 57.46 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

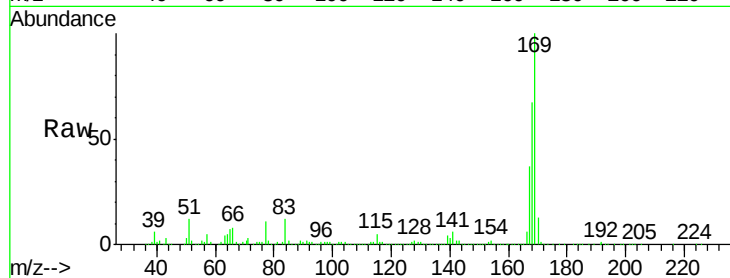
Tgt Ion:169 Resp: 855907

Ion Ratio Lower Upper

169 100

168 66.7 54.2 81.2

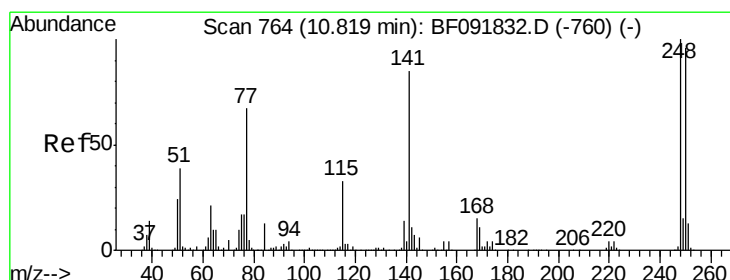
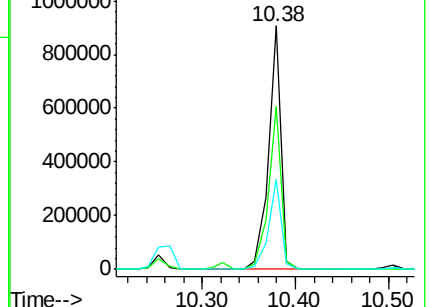
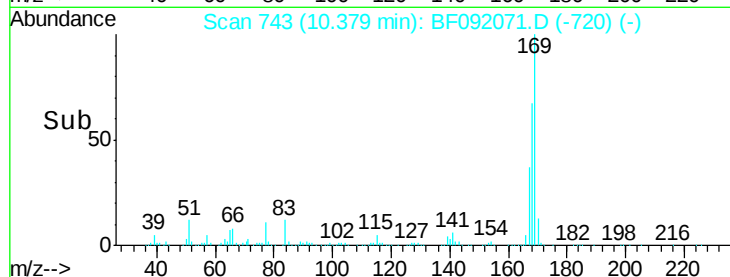
167 36.9 30.2 45.4



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: 52.07 ng

RT: 10.74 min Scan# 775

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

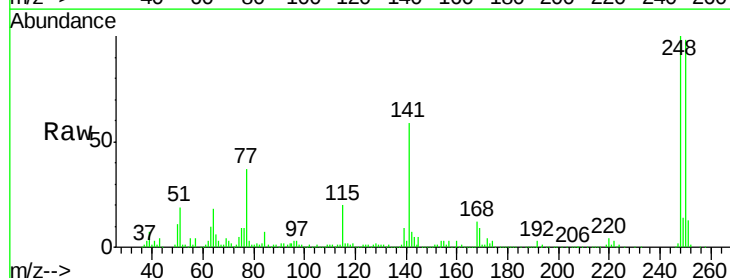
Tgt Ion:248 Resp: 271906

Ion Ratio Lower Upper

248 100

250 98.2 76.9 115.3

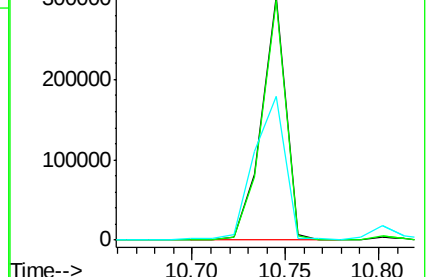
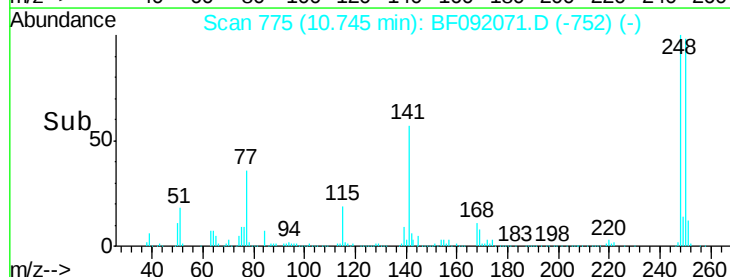
141 59.2 68.2 102.4#

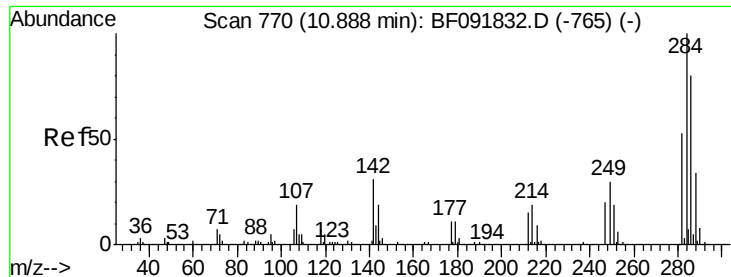


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

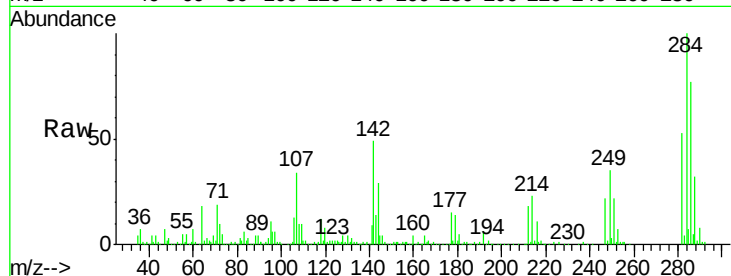




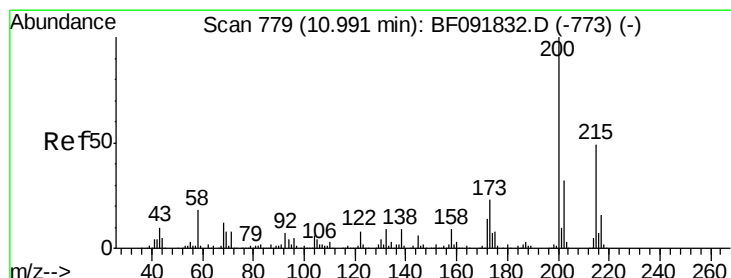
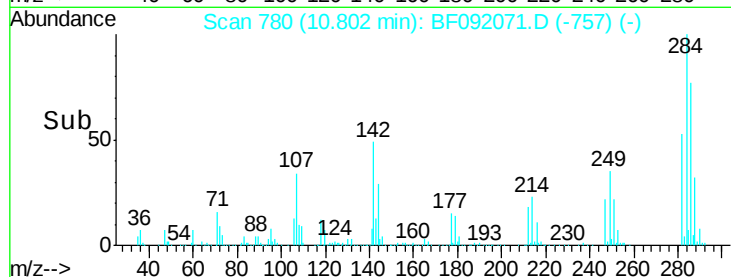
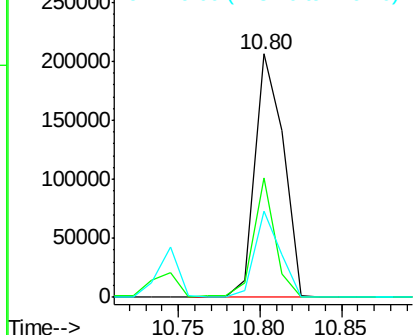
#67
Hexachlorobenzene
Concen: 44.66 ng
RT: 10.80 min Scan# 780
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tgt Ion:284 Resp: 249266
Ion Ratio Lower Upper
284 100
142 49.0 22.6 33.8#
249 35.3 25.4 38.0

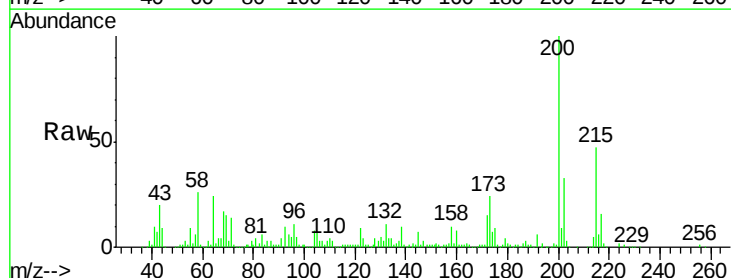


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

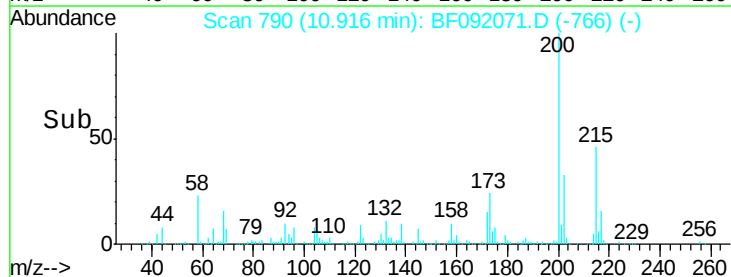
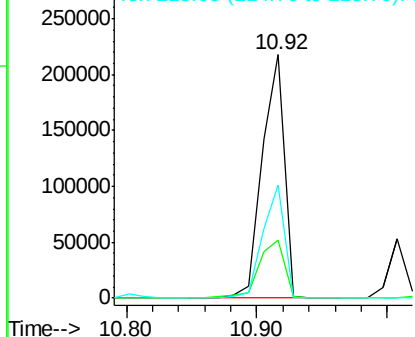


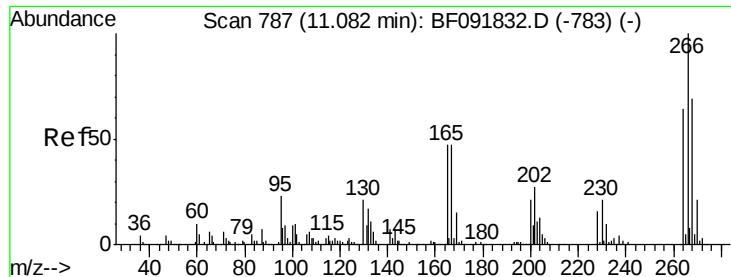
#68
Atrazine
Concen: 53.67 ng
RT: 10.92 min Scan# 790
Delta R.T. -0.03 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion:200 Resp: 257890
Ion Ratio Lower Upper
200 100
173 24.1 9.6 49.6
215 46.6 25.7 65.7



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

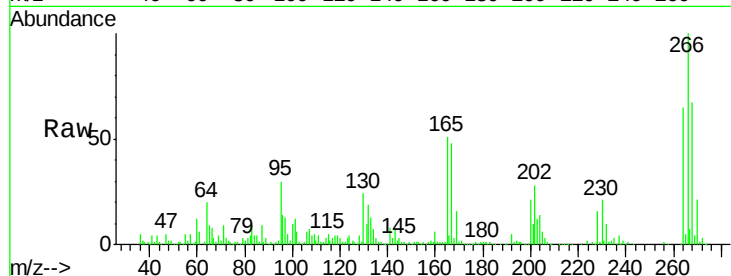




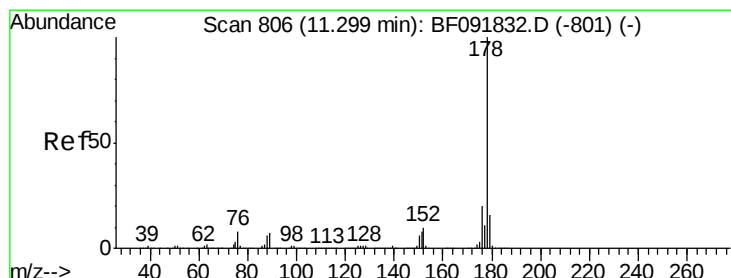
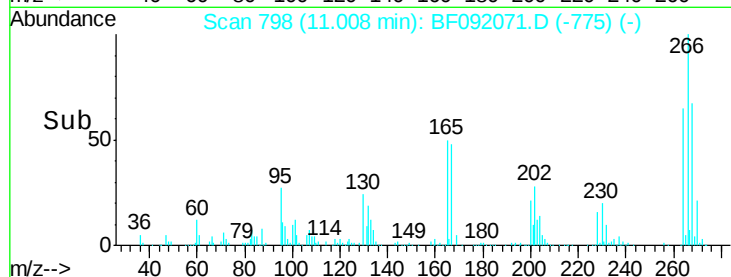
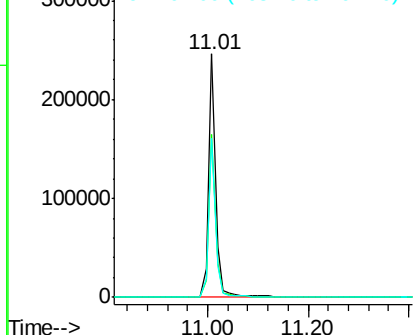
#69
 Pentachlorophenol
 Concen: 89.79 ng
 RT: 11.01 min Scan# 798
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tgt Ion:266 Resp: 245927
 Ion Ratio Lower Upper
 266 100
 268 66.7 53.3 79.9
 264 65.5 50.3 75.5

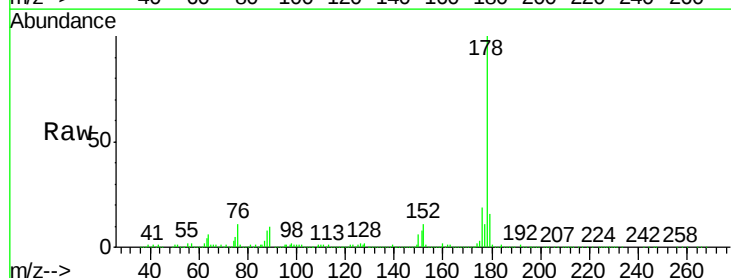


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

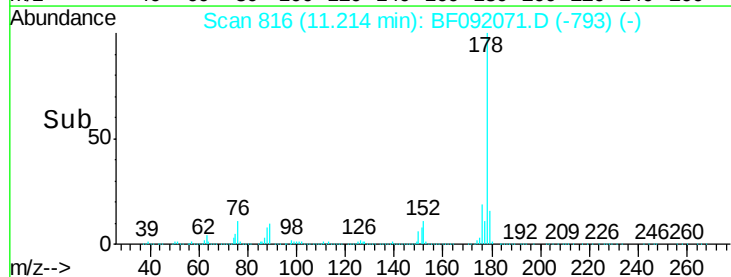
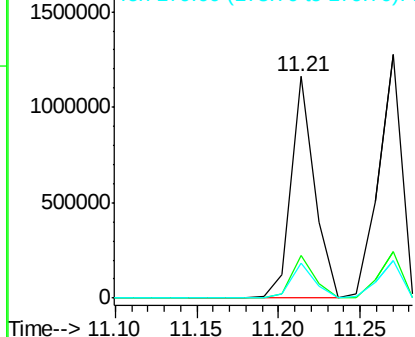


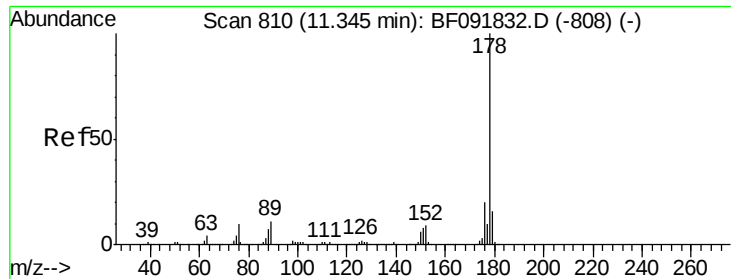
#70
 Phenanthrene
 Concen: 42.50 ng
 RT: 11.21 min Scan# 816
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion:178 Resp: 1156958
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.6 25.0
 179 15.9 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

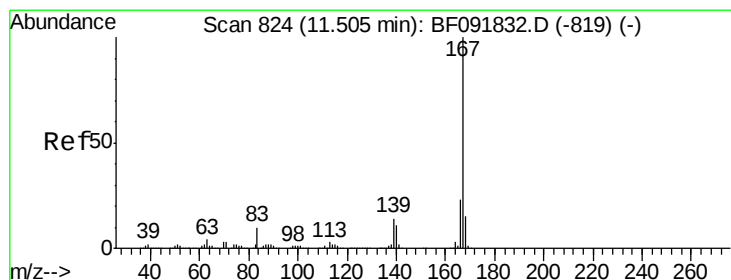
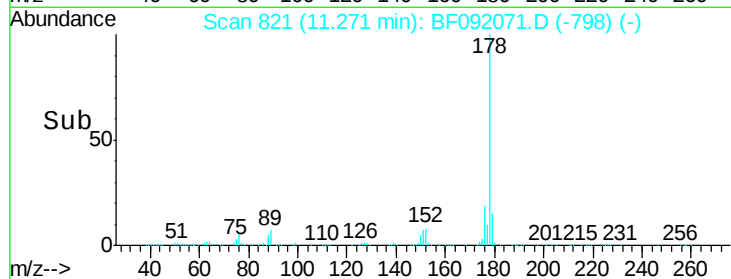
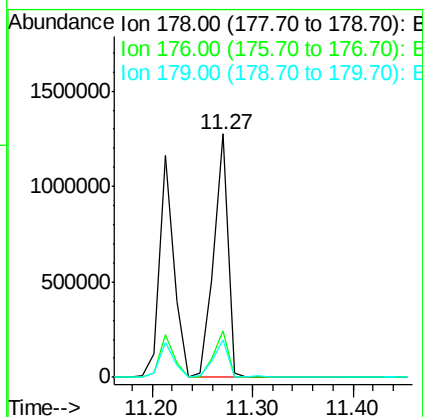
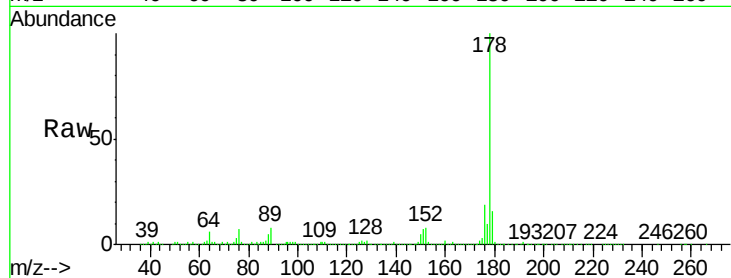




#71
 Anthracene
 Concen: 58.15 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

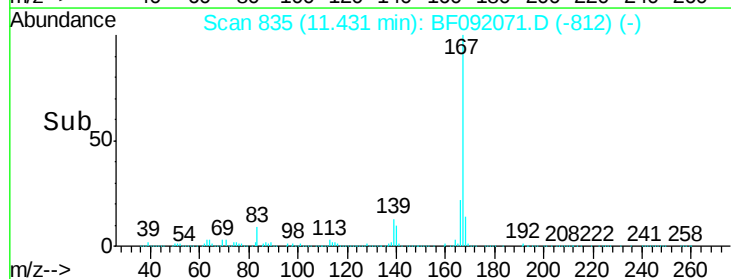
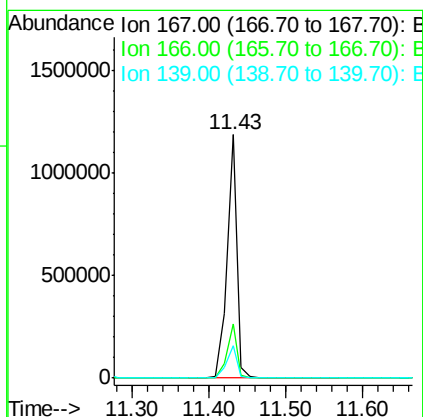
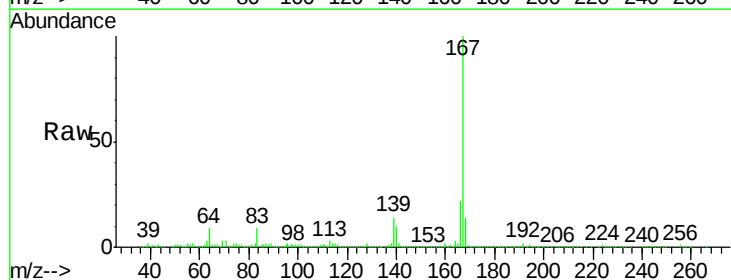
Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tgt Ion:178 Resp: 1264108
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.9 23.9
 179 15.6 13.2 19.8



#72
 Carbazole
 Concen: 51.57 ng
 RT: 11.43 min Scan# 835
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion:167 Resp: 1080726
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 13.6 11.4 17.2





#73

Di-n-butylphthalate

Concen: 54.34 ng

RT: 11.77 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

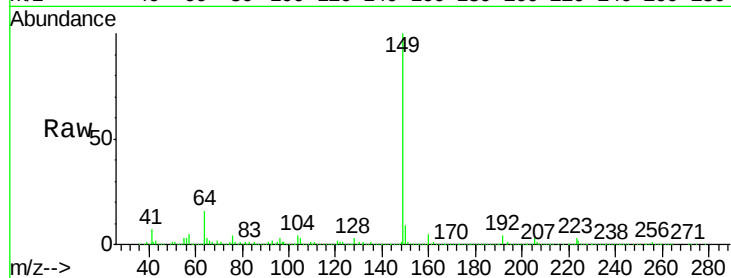
Tgt Ion:149 Resp: 1379640

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

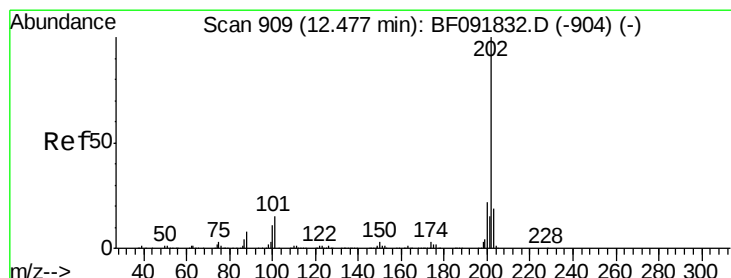
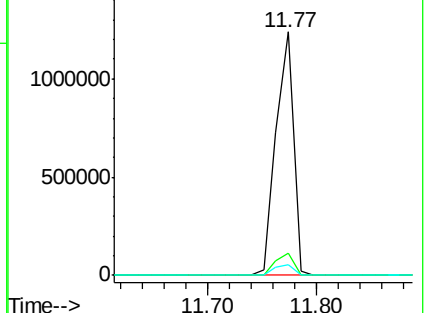
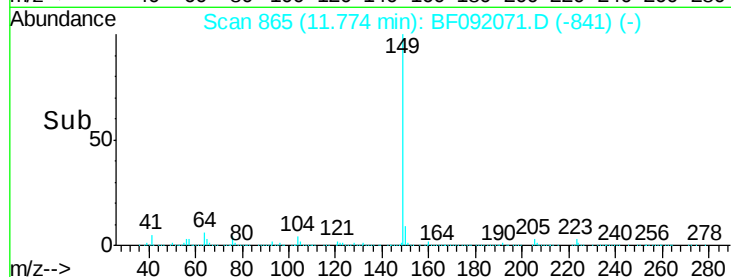
104 4.4 4.6 7.0#



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: 50.44 ng

RT: 12.41 min Scan# 921

Delta R.T. -0.03 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

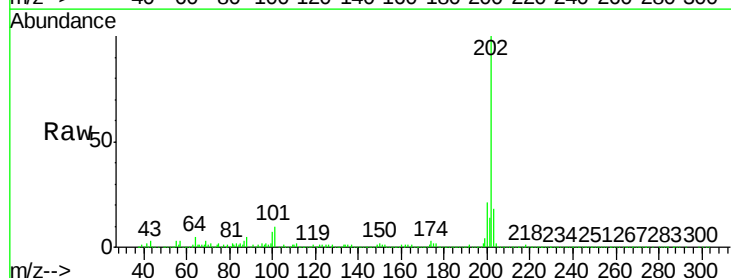
Tgt Ion:202 Resp: 1193537

Ion Ratio Lower Upper

202 100

101 9.8 0.0 34.6

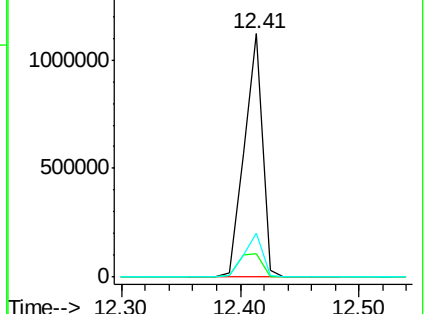
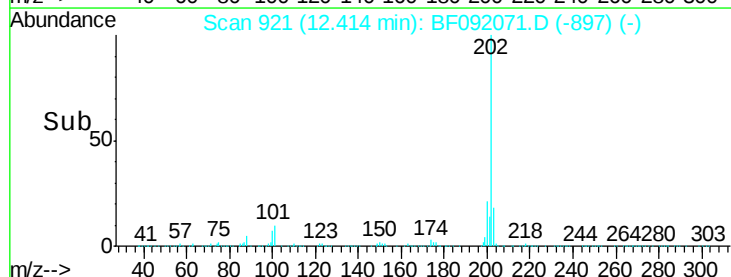
203 18.3 0.0 38.7

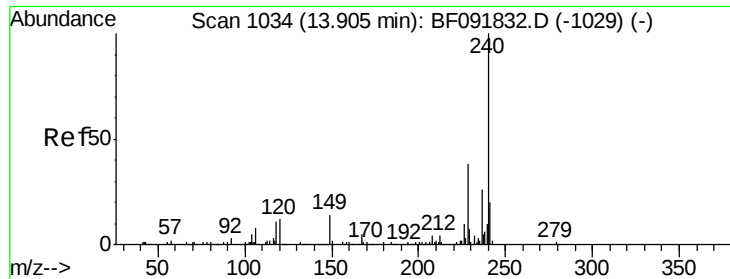


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.83 min Scan# 1045

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

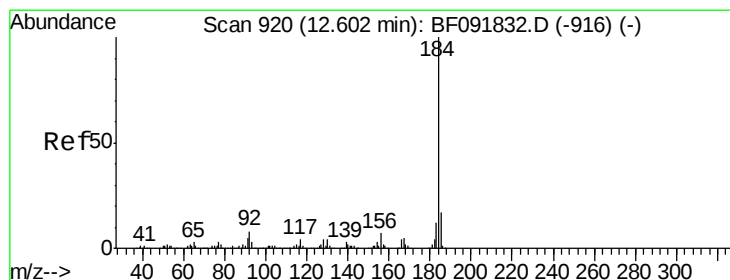
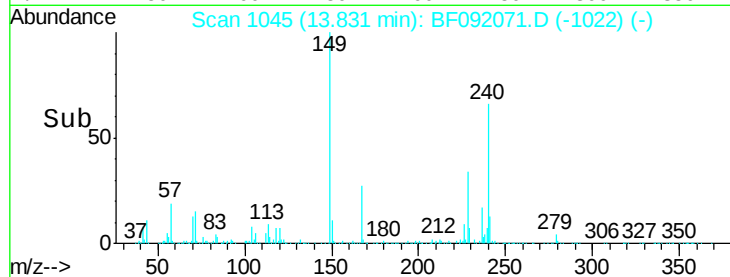
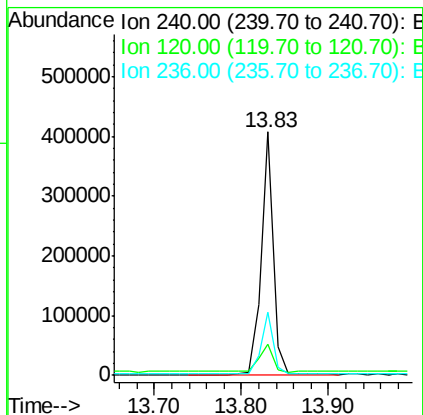
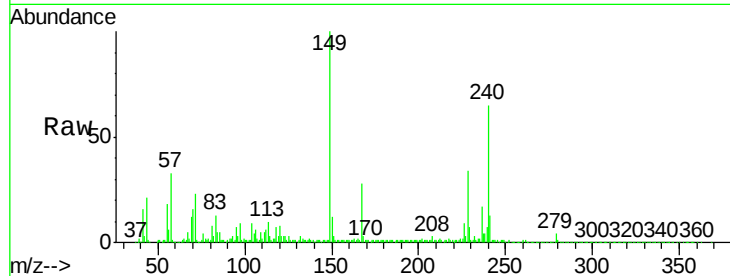
BNA_F

ClientSampleId :

TP9-COMP9MSD

Tgt Ion:240 Resp: 399317

Ion	Ratio	Lower	Upper
240	100		
120	12.6	12.9	19.3#
236	26.0	20.9	31.3



#76

Benzidine

Concen: 25.11 ng

RT: 12.53 min Scan# 931

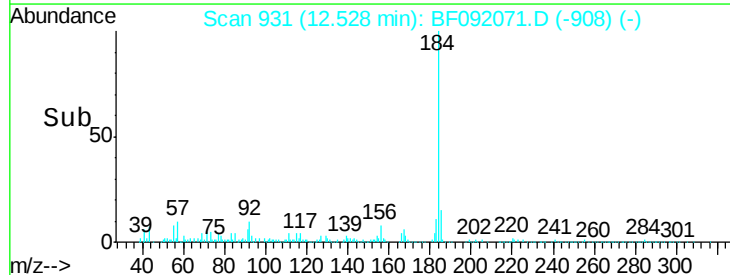
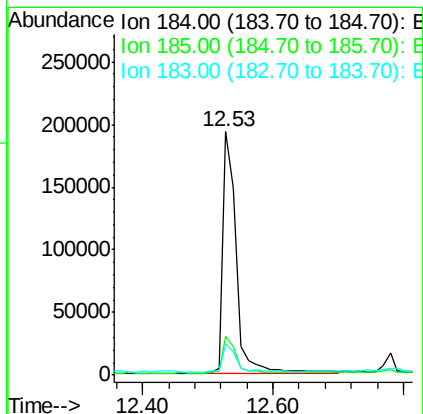
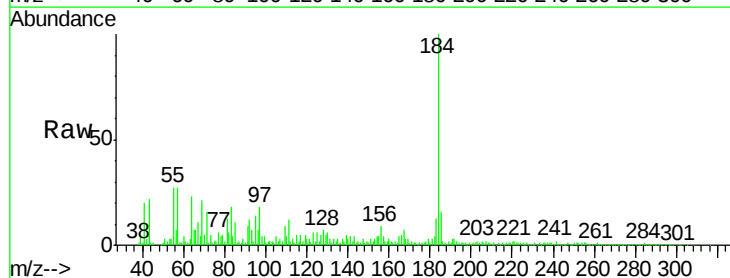
Delta R.T. -0.04 min

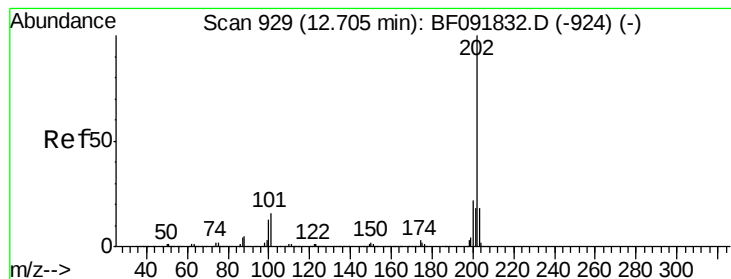
Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Tgt Ion:184 Resp: 286903

Ion	Ratio	Lower	Upper
184	100		
185	16.1	13.4	20.0
183	12.6	9.2	13.8





#77

Pyrene

Concen: 38.55 ng

RT: 12.63 min Scan# 940

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MSD

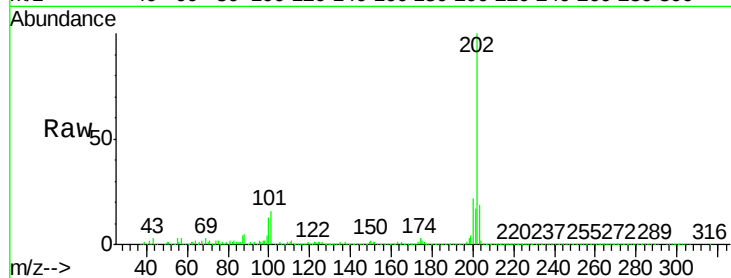
Tgt Ion:202 Resp: 1129515

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

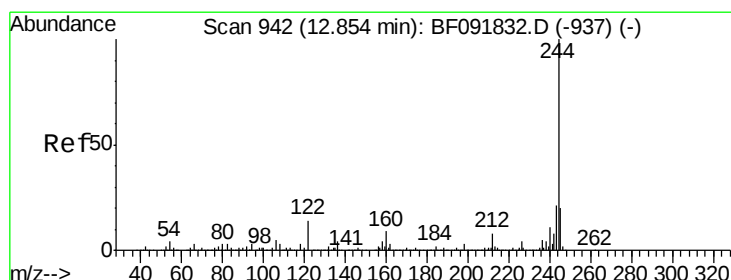
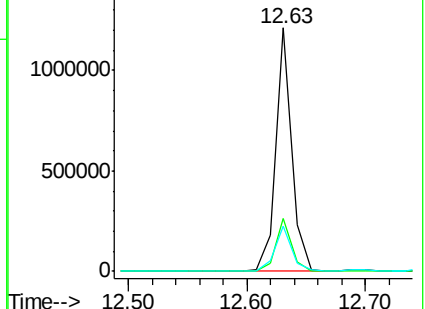
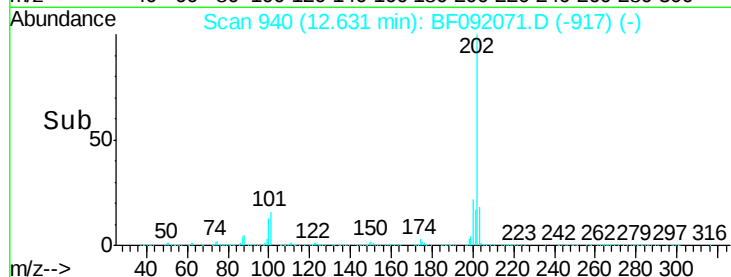
203 18.7 14.7 22.1



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: 69.65 ng

RT: 12.78 min Scan# 953

Delta R.T. -0.04 min

Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

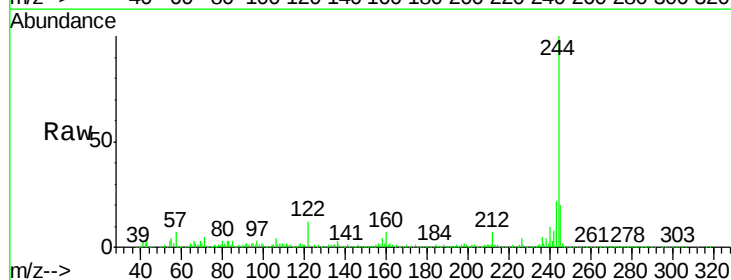
Tgt Ion:244 Resp: 1146723

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

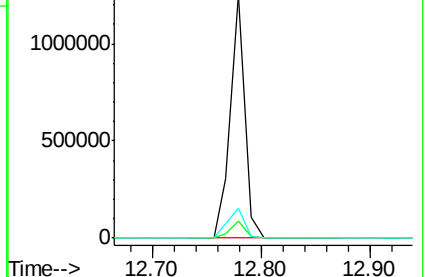
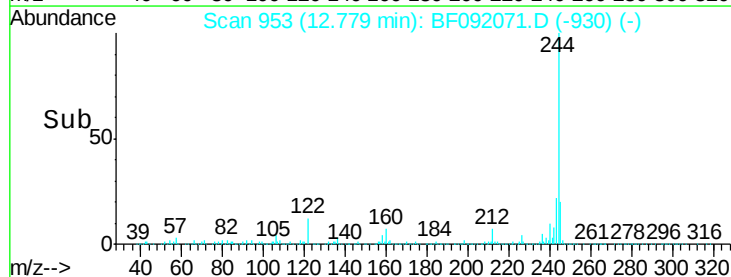
122 12.2 11.4 17.2

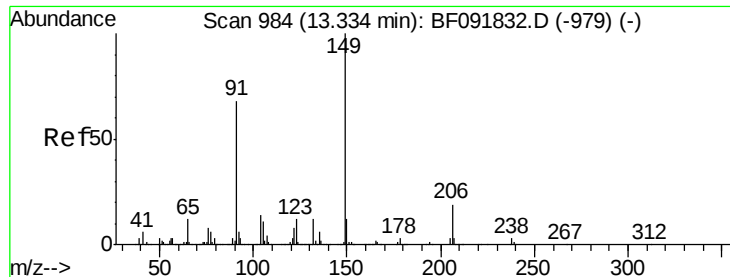


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

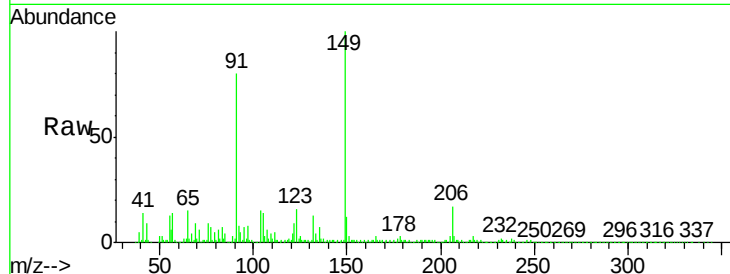




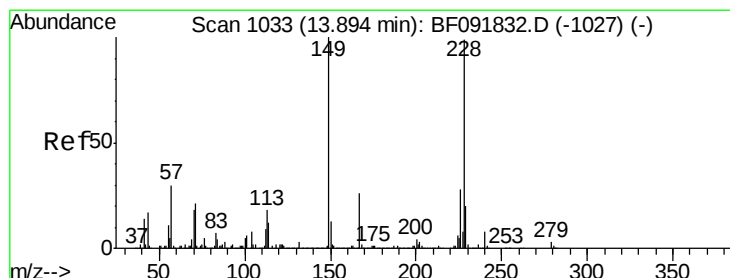
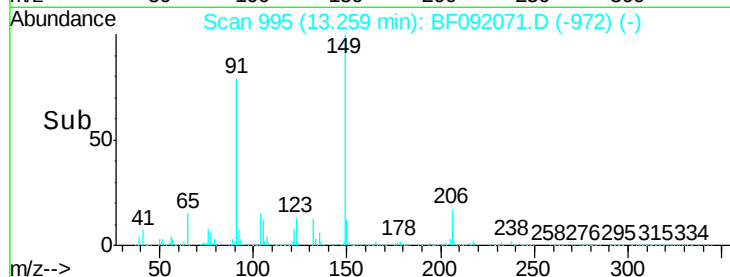
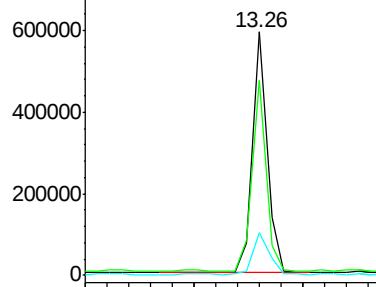
#79
Butylbenzylphthalate
Concen: 41.19 ng
RT: 13.26 min Scan# 995
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.0	63.9	95.9
206	17.4	14.6	21.8

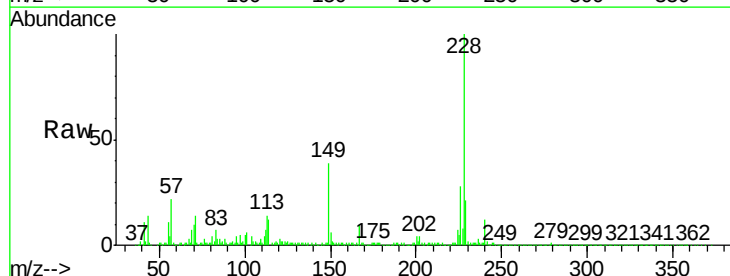


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

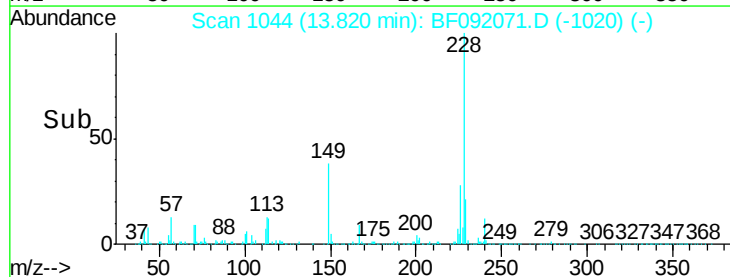
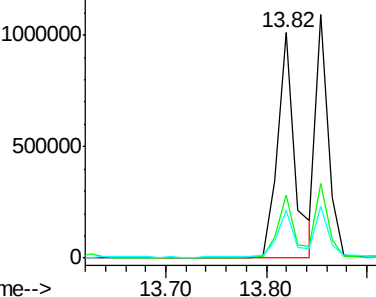


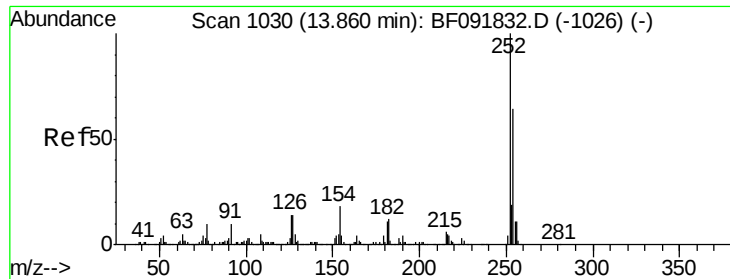
#80
Benzo(a)anthracene
Concen: 53.10 ng
RT: 13.82 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.9	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

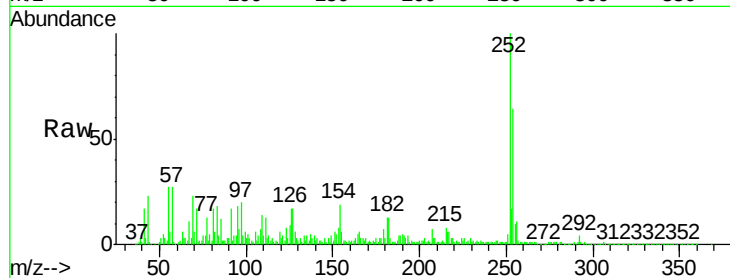




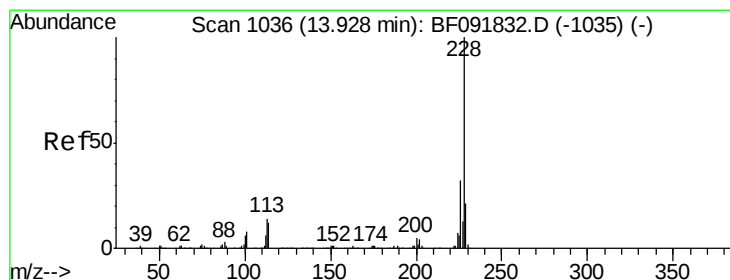
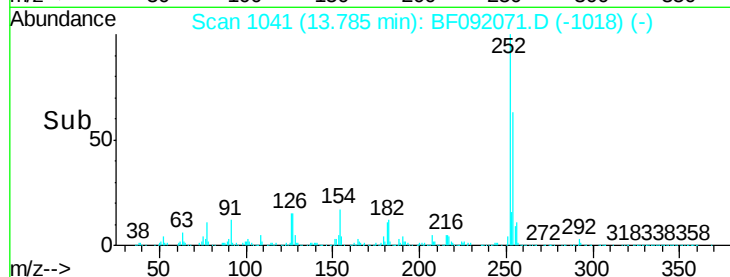
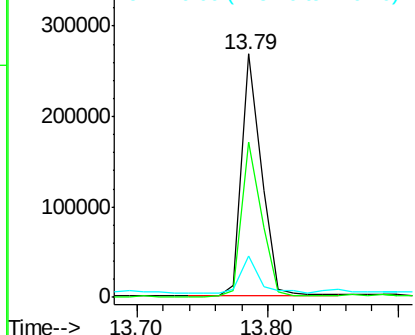
#81
 3,3'-Dichlorobenzidine
 Concen: 33.27 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tgt Ion: 252 Resp: 284400
 Ion Ratio Lower Upper
 252 100
 254 63.6 52.3 78.5
 126 16.9 13.6 20.4

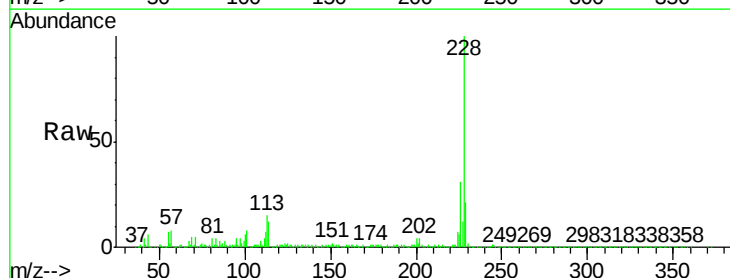


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

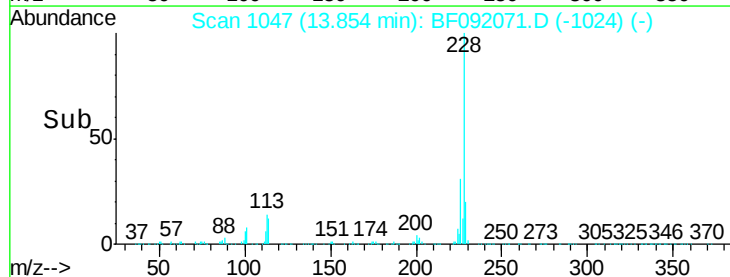
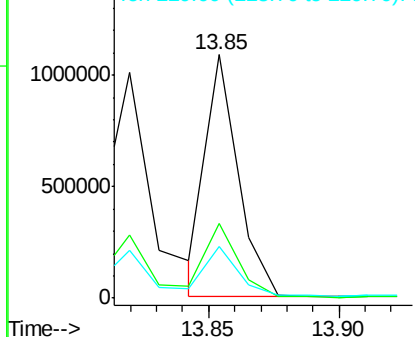


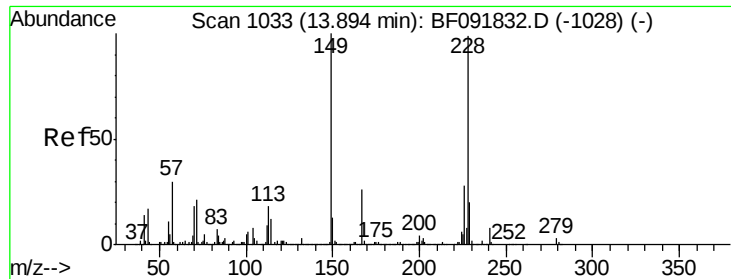
#82
 Chrysene
 Concen: 41.47 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion: 228 Resp: 937546
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.0
 229 21.0 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

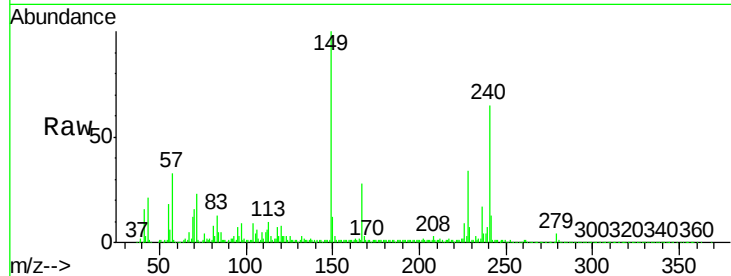




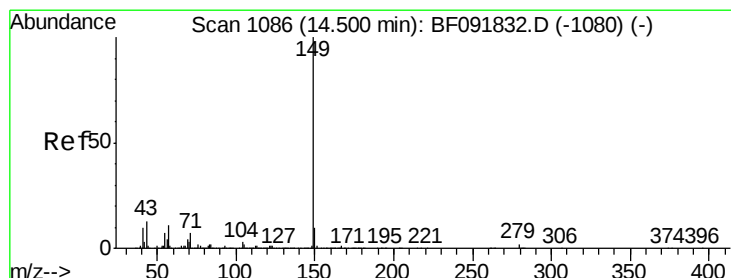
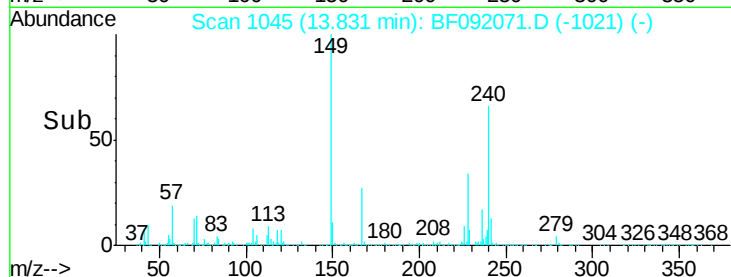
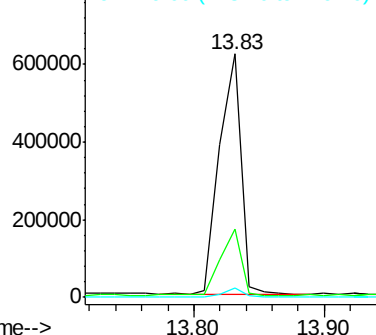
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.22 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tgt Ion:149 Resp: 709608
 Ion Ratio Lower Upper
 149 100
 167 27.8 20.2 30.4
 279 4.0 1.8 2.8#

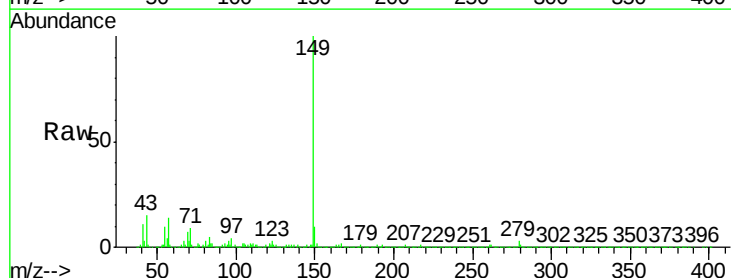


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

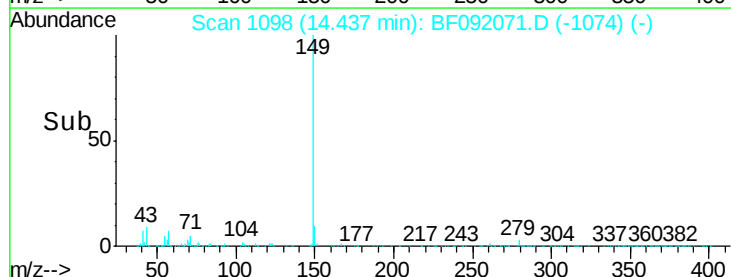
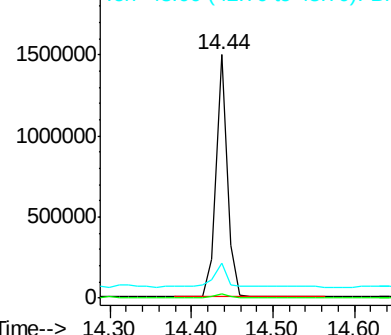


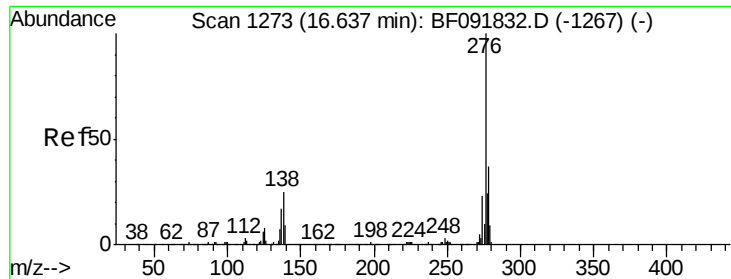
#84
 Di-n-octyl phthalate
 Concen: 48.69 ng
 RT: 14.44 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion:149 Resp: 1415490
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 13.2 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

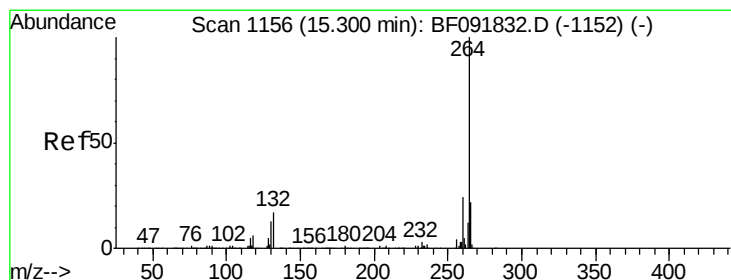
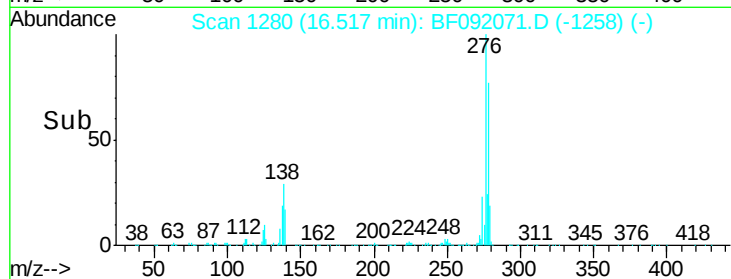
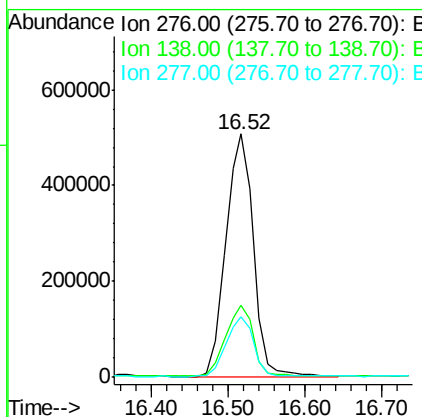
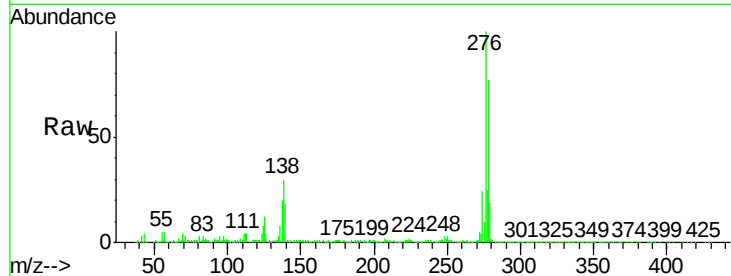




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 65.23 ng
 RT: 16.52 min Scan# 1280
 Delta R.T. -0.05 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

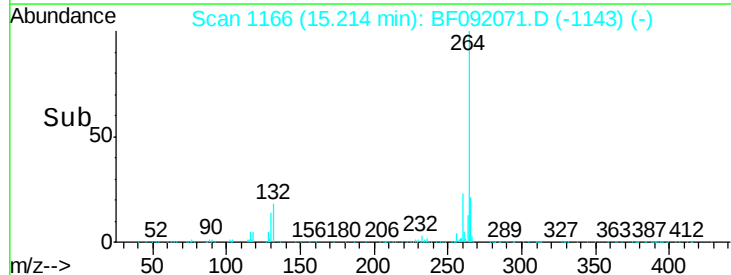
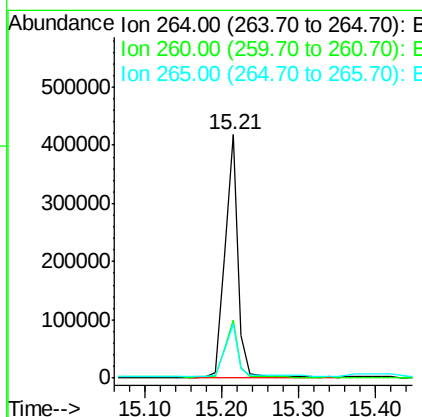
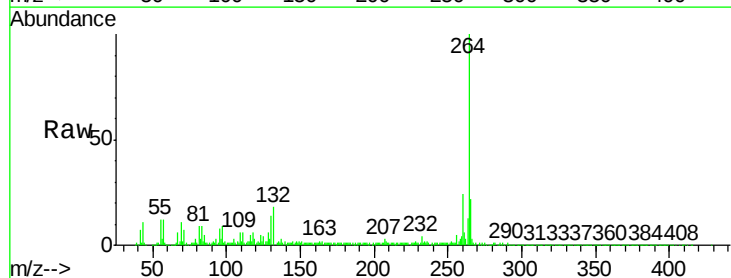
Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

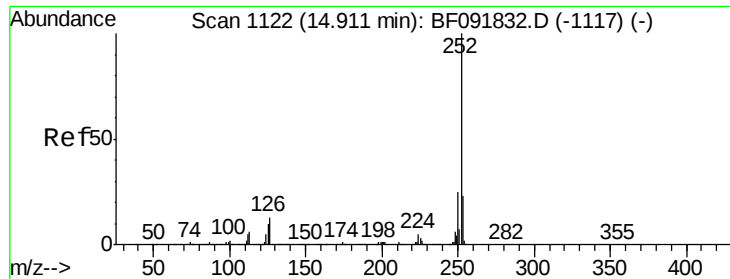
Tgt Ion:276 Resp: 1277587
 Ion Ratio Lower Upper
 276 100
 138 29.0 21.8 32.6
 277 24.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Tgt Ion:264 Resp: 496505
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 77.82 ng

RT: 14.86 min Scan# 1135

Delta R.T. -0.01 min

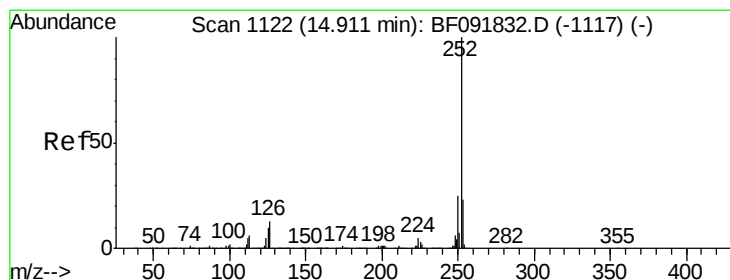
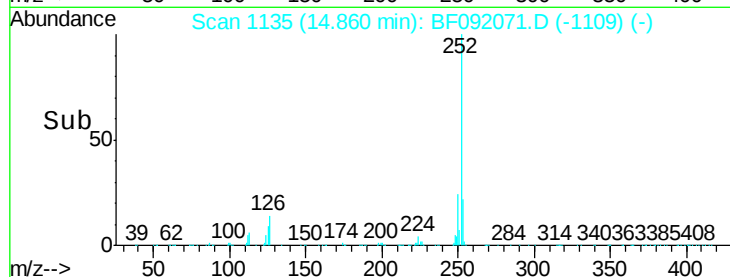
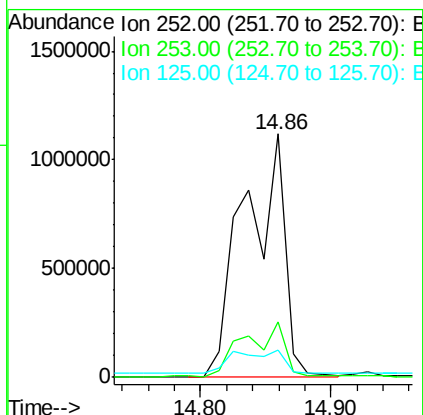
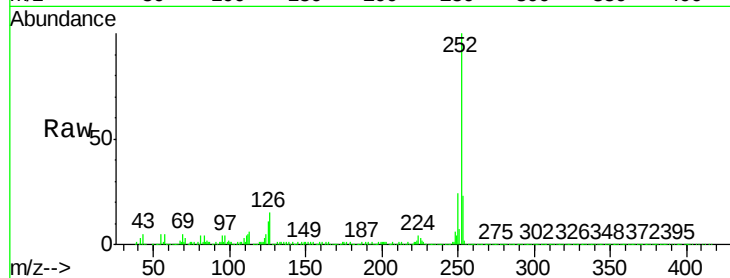
Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

Tgt Ion:252 Resp: 2405712

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	11.3	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 91.26 ng

RT: 14.86 min Scan# 1135

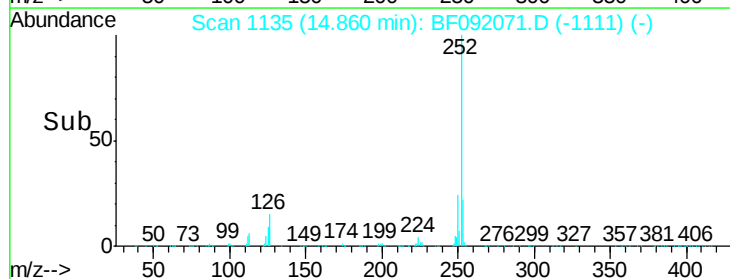
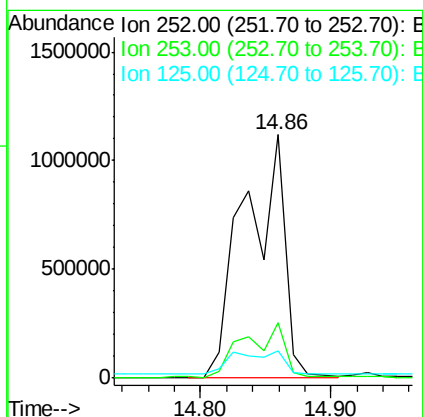
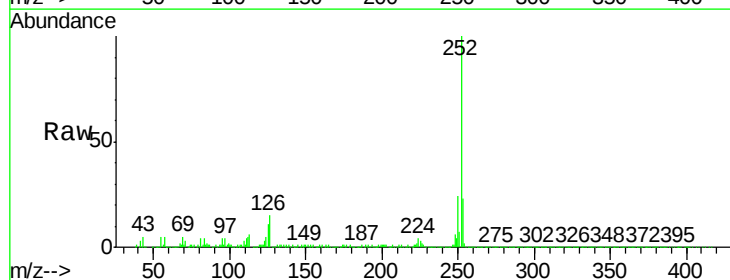
Delta R.T. -0.03 min

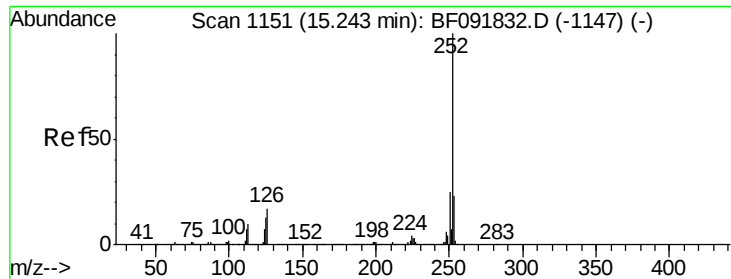
Lab File: BF092071.D

Acq: 3 Jan 2017 20:10

Tgt Ion:252 Resp: 2405712

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	11.3	8.9	13.3

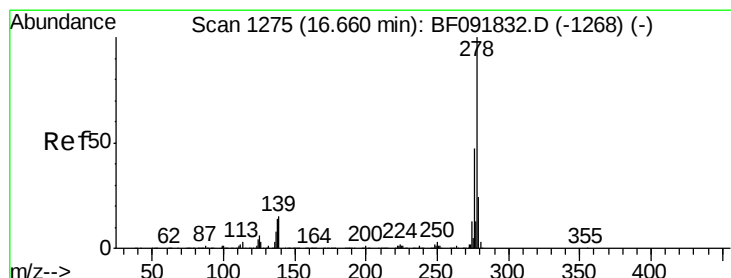
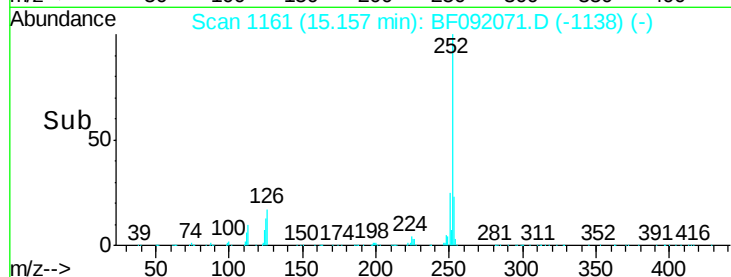
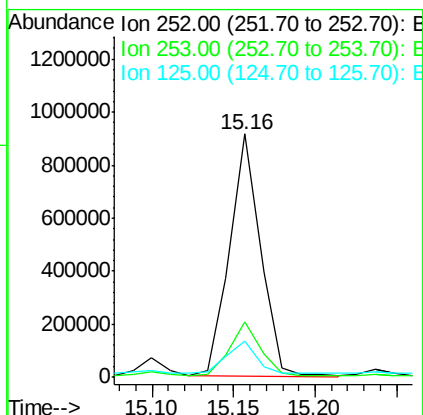
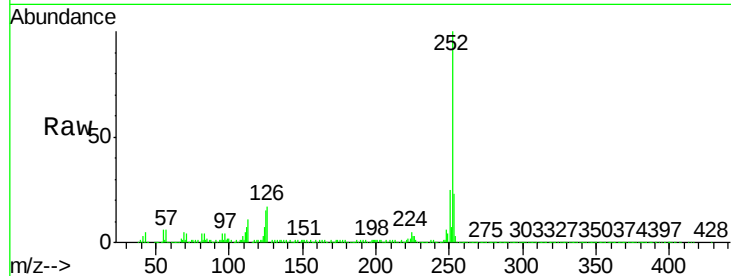




#89
Benzo(a)pyrene
Concen: 43.69 ng
RT: 15.16 min Scan# 1161
Delta R.T. -0.04 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

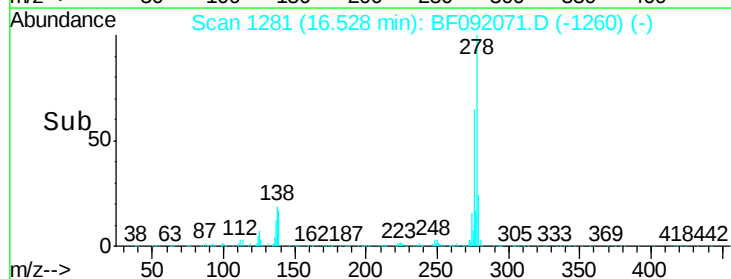
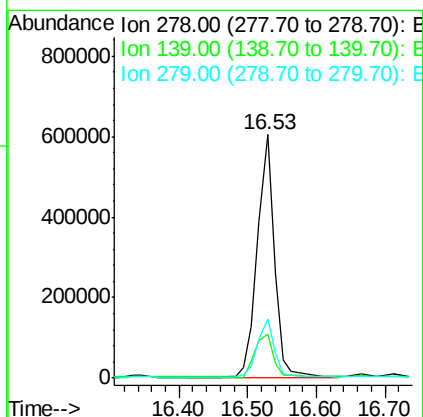
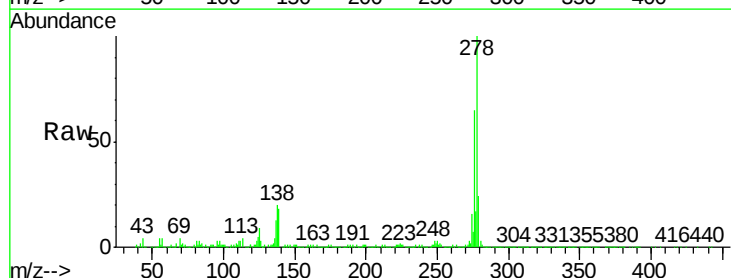
Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MSD

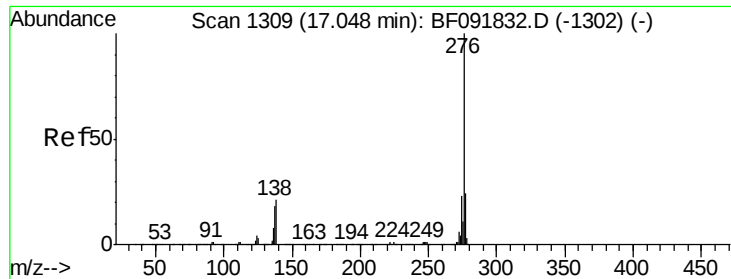
Tgt Ion:252 Resp: 1198688
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 14.7 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 45.74 ng
RT: 16.53 min Scan# 1281
Delta R.T. -0.06 min
Lab File: BF092071.D
Acq: 3 Jan 2017 20:10

Tgt Ion:278 Resp: 1031496
Ion Ratio Lower Upper
278 100
139 18.1 14.8 22.2
279 24.5 19.8 29.6





#91
 Benzo(g,h,i)perylene
 Concen: 45.59 ng
 RT: 16.91 min Scan# 1314
 Delta R.T. -0.06 min
 Lab File: BF092071.D
 Acq: 3 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MSD

Tgt Ion: 276 Resp: 1069022
 Ion Ratio Lower Upper
 276 100
 277 23.5 19.2 28.8
 138 25.3 16.0 24.0#

