

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010317\
 Data File : BF092070.D
 Acq On : 3 Jan 2017 19:42
 Operator : UM/SJ
 Sample : H6322-03MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

Quant Time: Jan 04 00:11:20 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	173075	20.00	ng	-0.04
21) Naphthalene-d8	7.96	136	710790	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	349204	20.00	ng	-0.05
63) Phenanthrene-d10	11.19	188	487284	20.00	ng	-0.04
75) Chrysene-d12	13.83	240	318325	20.00	ng	-0.04
86) Perylene-d12	15.21	264	380081	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1394825	134.56	ng	-0.04
7) Phenol-d6	6.34	99	1573793	124.36	ng	-0.04
23) Nitrobenzene-d5	7.24	82	986597	77.18	ng	-0.05
41) 2,4,6-Tribromophenol	10.50	330	314470	108.82	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	1281663	73.45	ng	-0.04
78) Terphenyl-d14	12.78	244	789112	60.12	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.18	88	195985	38.41	ng	96
3) Pyridine	2.85	79	547103	30.72	ng	95
4) n-Nitrosodimethylamine	2.80	42	269154	40.06	ng	100
6) Aniline	6.33	93	330396	20.10	ng	# 61
8) 2-Chlorophenol	6.46	128	502886	42.65	ng	95
9) Benzaldehyde	6.21	77	55325	5.70	ng	85
10) Phenol	6.36	94	677386	46.97	ng	# 66
11) bis(2-Chloroethyl)ether	6.41	93	511498	44.58	ng	99
12) 1,3-Dichlorobenzene	6.61	146	466568	37.07	ng	# 91
13) 1,4-Dichlorobenzene	6.69	146	496455	38.75	ng	98
14) 1,2-Dichlorobenzene	6.84	146	423833	38.13	ng	94
15) Benzyl Alcohol	6.82	79	360117	36.62	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	638640	37.38	ng	63
17) 2-Methylphenol	6.95	107	362035	38.18	ng	# 92
18) Hexachloroethane	7.18	117	177176	37.30	ng	# 87
19) n-Nitroso-di-n-propylamine	7.10	70	366972	43.59	ng	94
20) 3+4-Methylphenols	7.11	107	520371	46.01	ng	# 71
22) Acetophenone	7.09	105	674654	38.48	ng	# 93
24) Nitrobenzene	7.26	77	506023	37.17	ng	98
25) Isophorone	7.50	82	866033	36.72	ng	95
26) 2-Nitrophenol	7.58	139	264449	39.39	ng	92
27) 2,4-Dimethylphenol	7.64	122	434846	39.05	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	542424	37.93	ng	99
29) 2,4-Dichlorophenol	7.83	162	378271	40.12	ng	94
30) 1,2,4-Trichlorobenzene	7.90	180	369927	35.80	ng	# 94
31) Naphthalene	7.98	128	1297978	39.90	ng	99
32) Benzoic acid	7.64	122	434846	52.65	ng	# 11
33) 4-Chloroaniline	8.04	127	235864	16.08	ng	98
34) Hexachlorobutadiene	8.10	225	212163	38.90	ng	98
35) Caprolactam	8.40	113	121909	39.34	ng	# 53
36) 4-Chloro-3-methylphenol	8.54	107	388545	35.81	ng	99
37) 2-Methylnaphthalene	8.66	142	786811	37.68	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	333294	37.78	ng	98
40) Hexachlorocyclopentadiene	8.82	237	184616	48.63	ng	95

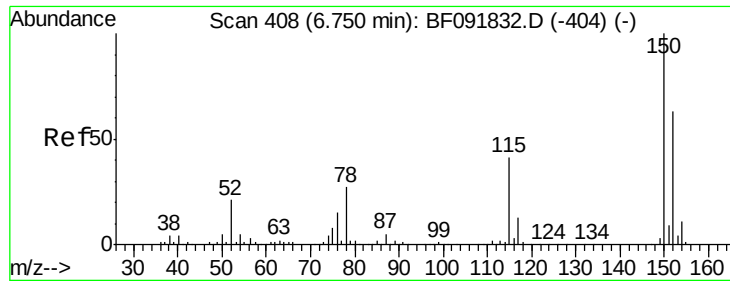
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	247519	40.12	ng	99
43) 2,4,5-Trichlorophenol	9.01	196	256375	40.37	ng	96
45) 1,1'-Biphenyl	9.13	154	909889	38.05	ng	96
46) 2-Chloronaphthalene	9.16	162	705495	37.26	ng	95
47) 2-Nitroaniline	9.26	65	225829	33.50	ng	93
48) Acenaphthylene	9.57	152	1036856	35.61	ng	99
49) Dimethylphthalate	9.44	163	958957	42.94	ng	99
50) 2,6-Dinitrotoluene	9.51	165	200716	41.06	ng	94
51) Acenaphthene	9.74	154	650407	32.94	ng	98
52) 3-Nitroaniline	9.67	138	143106	23.66	ng	95
53) 2,4-Dinitrophenol	9.78	184	52399	19.26	ng	# 78
54) Dibenzofuran	9.91	168	937232	35.15	ng	97
55) 4-Nitrophenol	9.86	139	257764	62.75	ng	99
56) 2,4-Dinitrotoluene	9.91	165	244450	39.84	ng	92
57) Fluorene	10.25	166	690358	35.59	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	187666	37.37	ng	98
59) Diethylphthalate	10.15	149	826903	38.12	ng	96
60) 4-Chlorophenyl-phenylether	10.25	204	326259	38.41	ng	95
61) 4-Nitroaniline	10.29	138	172201	27.47	ng	99
62) Azobenzene	10.41	77	916416	38.37	ng	94
64) 4,6-Dinitro-2-methylphenol	10.32	198	91939	31.20	ng	96
65) n-Nitrosodiphenylamine	10.38	169	670584	46.38	ng	100
66) 4-Bromophenyl-phenylether	10.74	248	209197	41.27	ng	# 82
67) Hexachlorobenzene	10.80	284	197137	36.39	ng	# 85
68) Atrazine	10.90	200	189934	40.72	ng	95
69) Pentachlorophenol	11.01	266	201089	75.64	ng	99
70) Phenanthrene	11.21	178	967909	36.63	ng	98
71) Anthracene	11.27	178	1021416	42.91	ng	97
72) Carbazole	11.43	167	915688	40.15	ng	98
73) Di-n-butylphthalate	11.77	149	1078135	42.87	ng	# 96
74) Fluoranthene	12.41	202	933770	39.84	ng	91
76) Benzidine	12.53	184	180501	18.79	ng	99
77) Pyrene	12.63	202	953926	40.84	ng	98
79) Butylbenzylphthalate	13.26	149	381054	35.87	ng	94
80) Benzo(a)anthracene	13.82	228	748141	41.64	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	169812	24.92	ng	98
82) Chrysene	13.85	228	717016	39.78	ng	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	481565	38.50	ng	# 95
84) Di-n-octyl phthalate	14.44	149	912015	39.36	ng	96
85) Indeno(1,2,3-cd)pyrene	16.52	276	870455	55.75	ng	99
87) Benzo(b)fluoranthene	14.83	252	1547611	65.40	ng	99
88) Benzo(k)fluoranthene	14.83	252	1547611	76.70	ng	# 97
89) Benzo(a)pyrene	15.16	252	783828	37.32	ng	99
90) Dibenzo(a,h)anthracene	16.53	278	708307	41.03	ng	96
91) Benzo(g,h,i)perylene	16.91	276	736569	41.03	ng	98

(#) = 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

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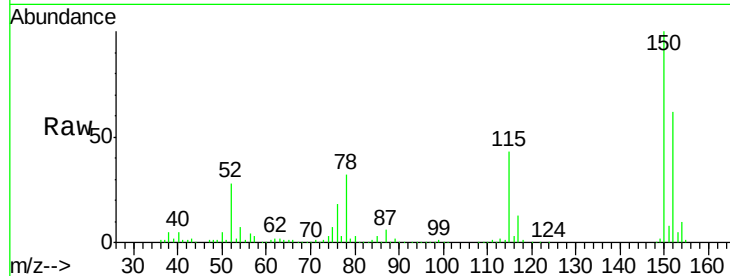
Tgt Ion:152 Resp: 173075

Ion Ratio Lower Upper

152 100

150 160.5 124.9 187.3

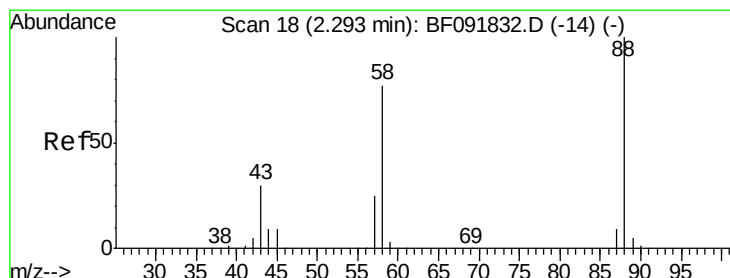
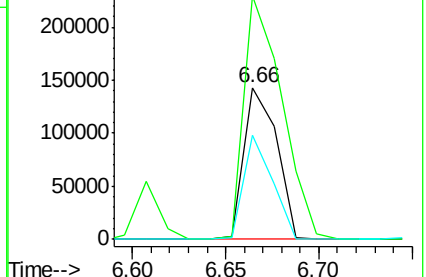
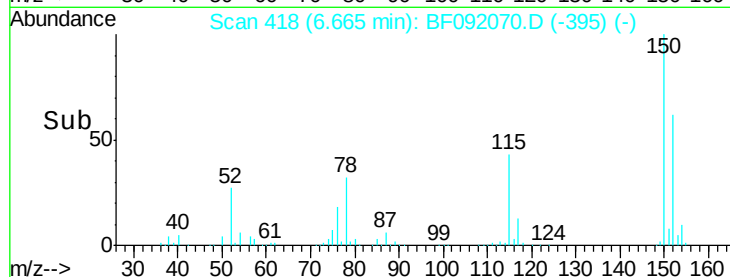
115 68.5 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.41 ng

RT: 2.18 min Scan# 26

Delta R.T. -0.01 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

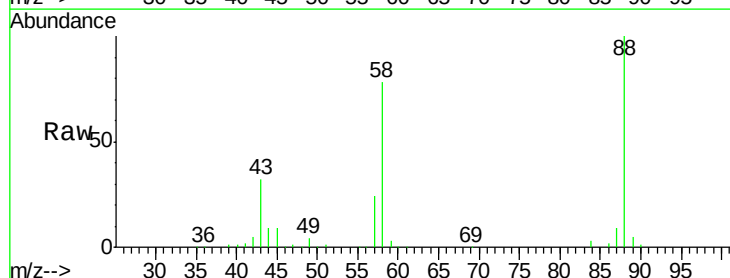
Tgt Ion: 88 Resp: 195985

Ion Ratio Lower Upper

88 100

58 76.4 57.8 86.8

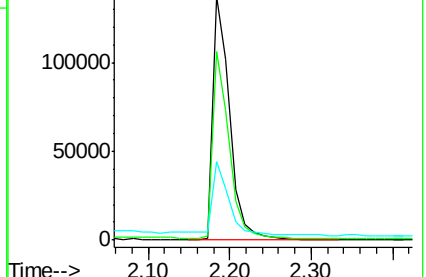
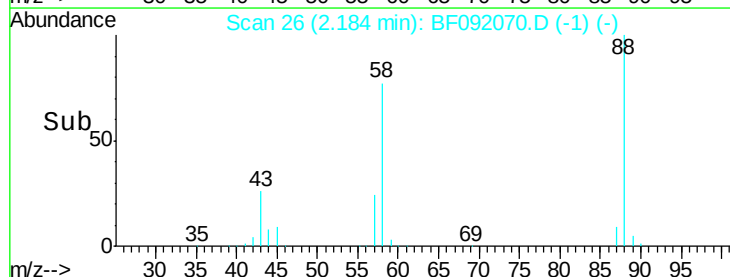
43 29.0 22.3 33.5

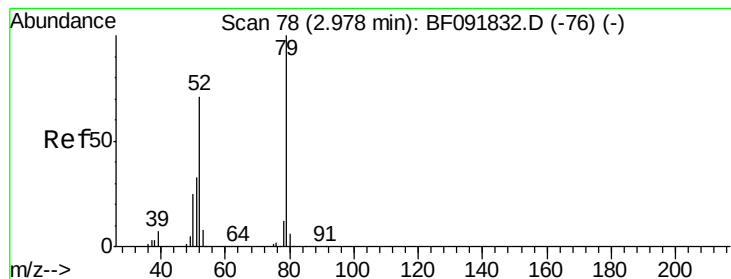


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.72 ng

RT: 2.85 min Scan# 84

Delta R.T. -0.02 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

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ClientSampleId :

TP9-COMP9MS

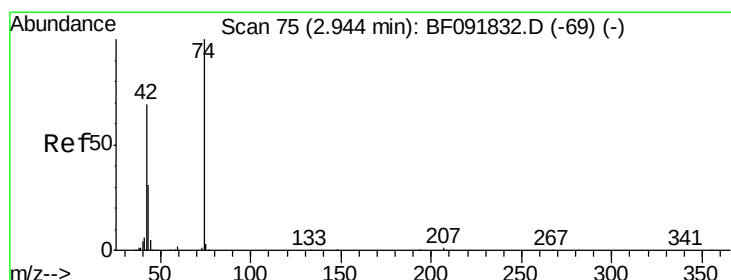
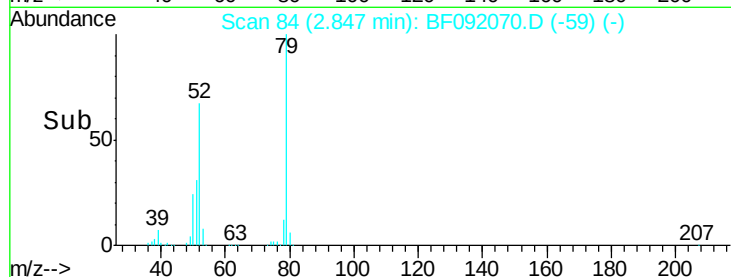
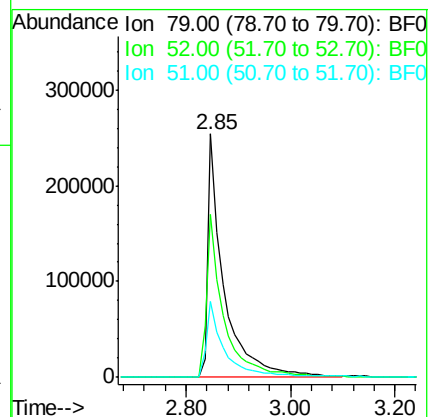
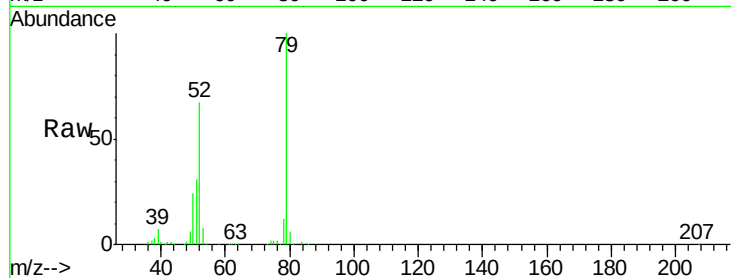
Tgt Ion: 79 Resp: 547103

Ion Ratio Lower Upper

79 100

52 67.0 57.1 85.7

51 31.1 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 40.06 ng

RT: 2.80 min Scan# 80

Delta R.T. -0.03 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

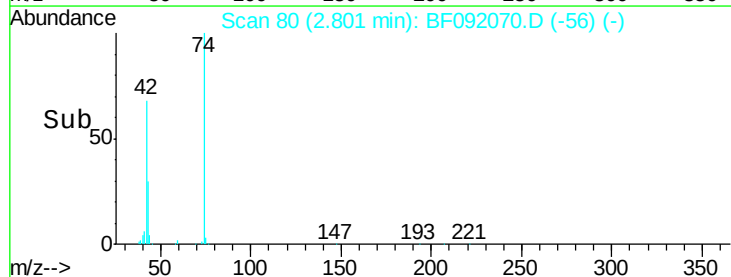
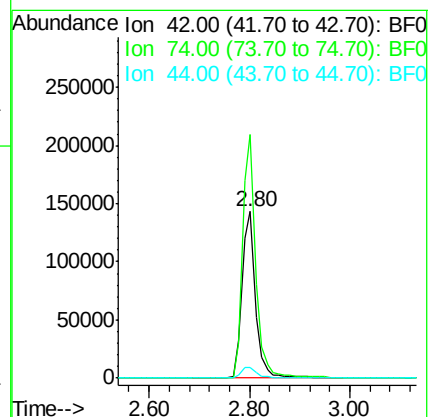
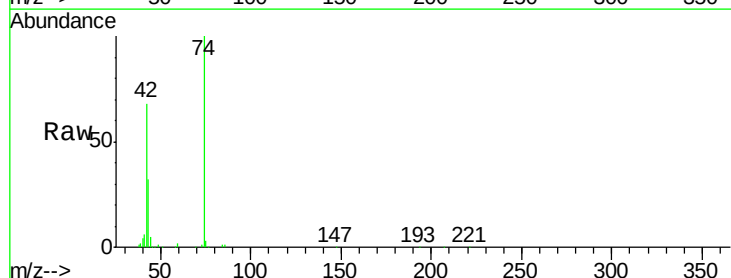
Tgt Ion: 42 Resp: 269154

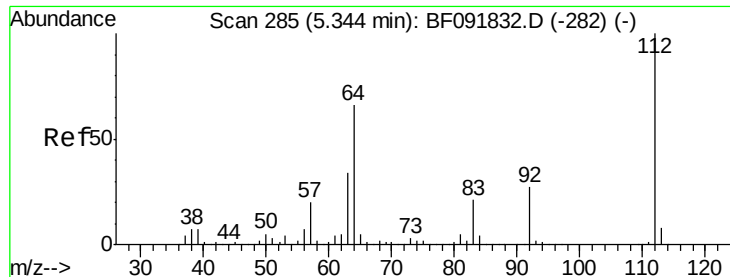
Ion Ratio Lower Upper

42 100

74 146.4 117.0 175.4

44 6.8 5.5 8.3





#5

2-Fluorophenol

Concen: 134.56 ng

RT: 5.28 min Scan# 297

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

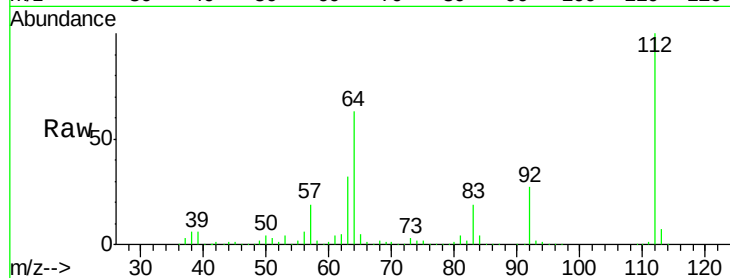
Tgt Ion: 112 Resp: 1394825

Ion Ratio Lower Upper

112 100

64 63.3 46.1 69.1

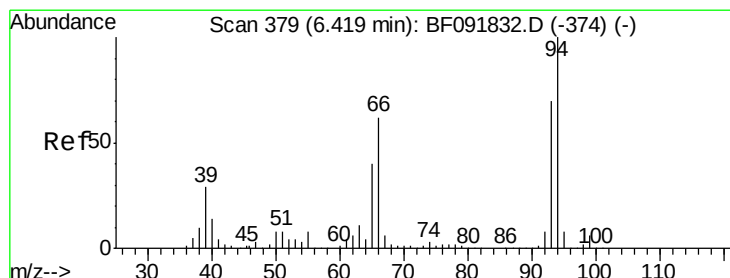
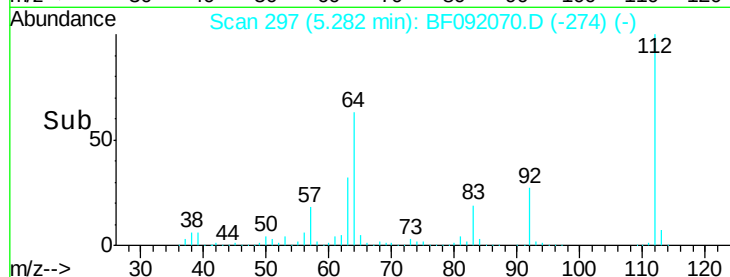
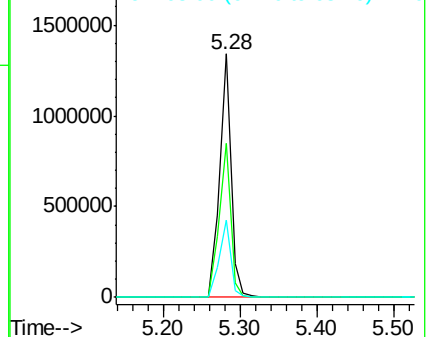
63 32.0 23.8 35.6



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: 20.10 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

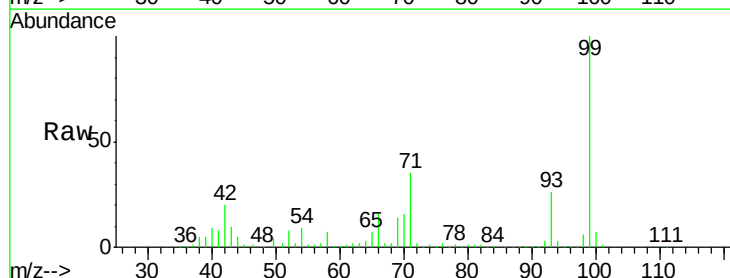
Tgt Ion: 93 Resp: 330396

Ion Ratio Lower Upper

93 100

66 61.5 76.2 114.2#

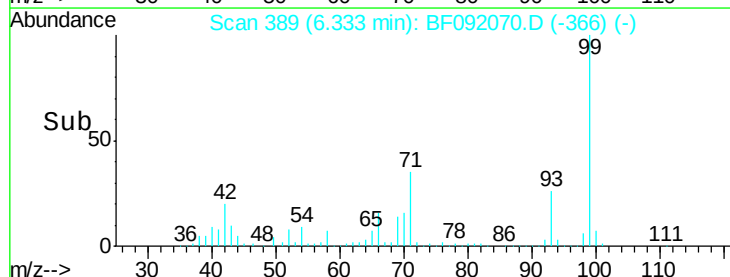
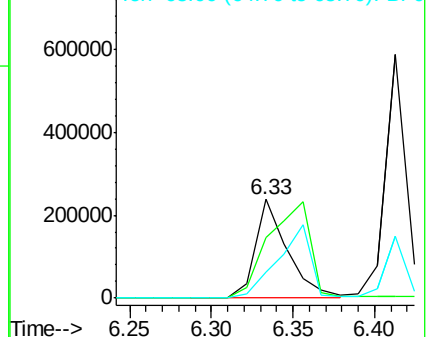
65 26.0 49.3 73.9#

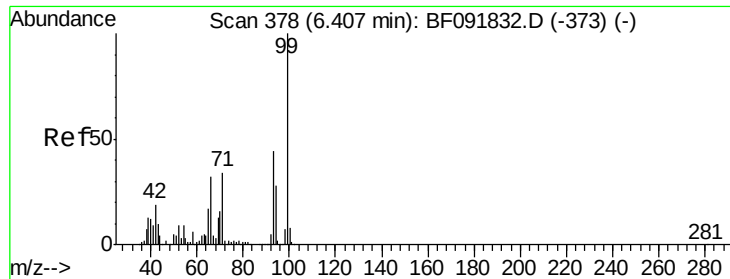


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.36 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.04 min

Lab File: BF092070.D

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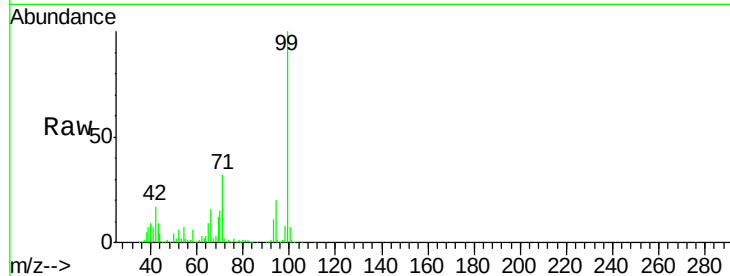
Tgt Ion: 99 Resp: 1573793

Ion Ratio Lower Upper

99 100

42 16.6 15.6 23.4

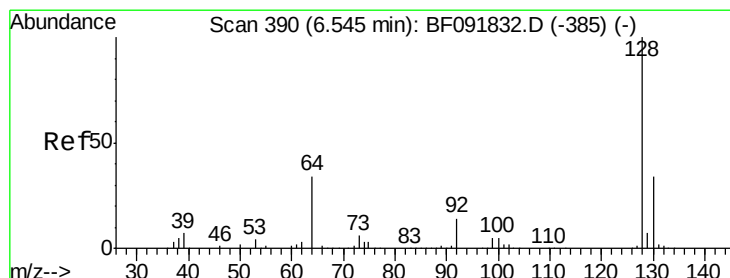
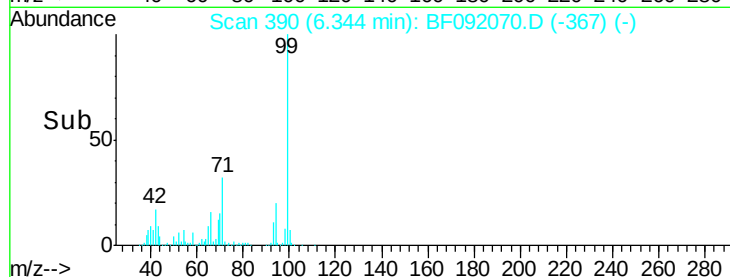
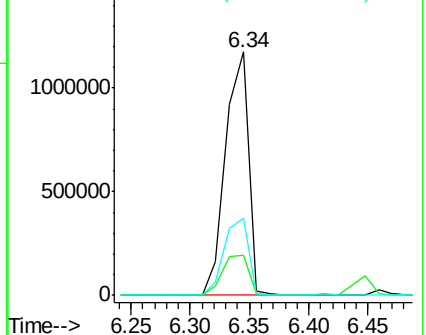
71 31.7 27.5 41.3



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: 42.65 ng

RT: 6.46 min Scan# 400

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

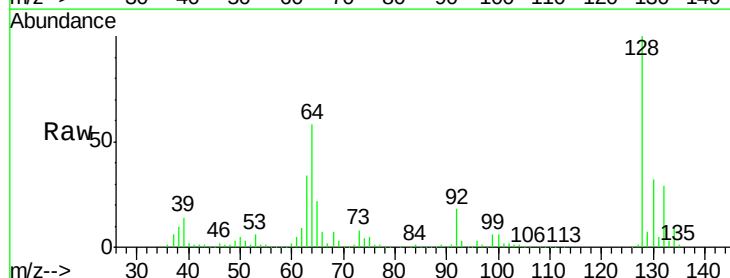
Tgt Ion: 128 Resp: 502886

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

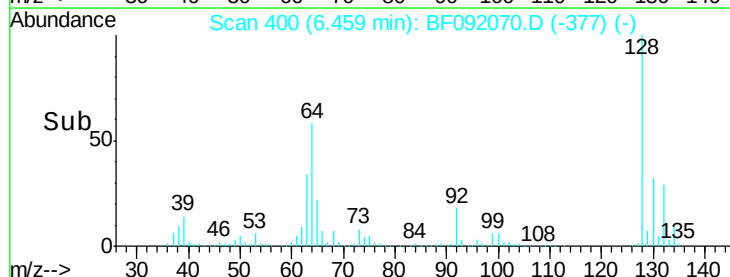
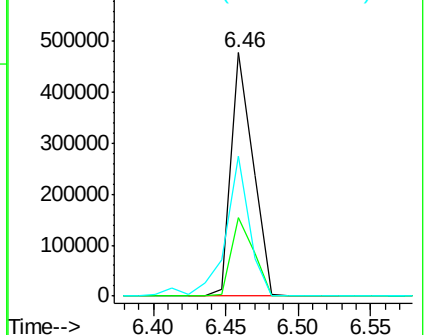
64 57.5 32.2 72.2

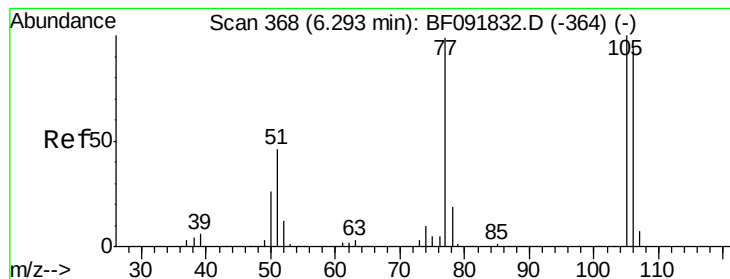


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.70 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.04 min

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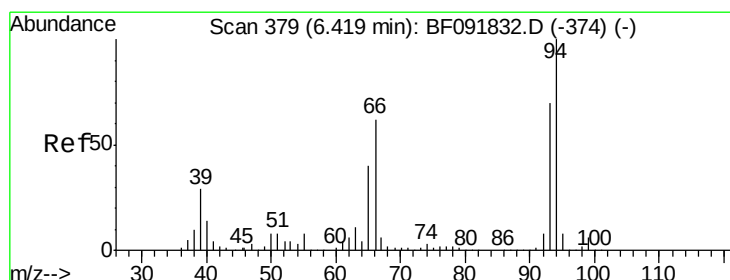
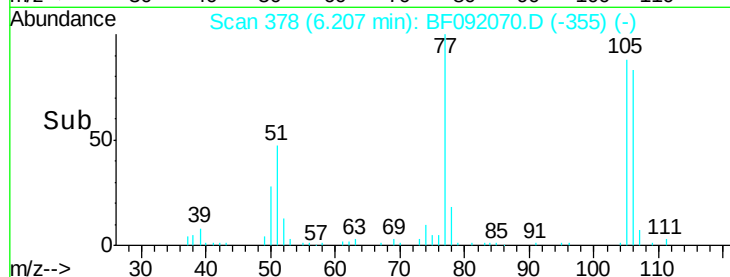
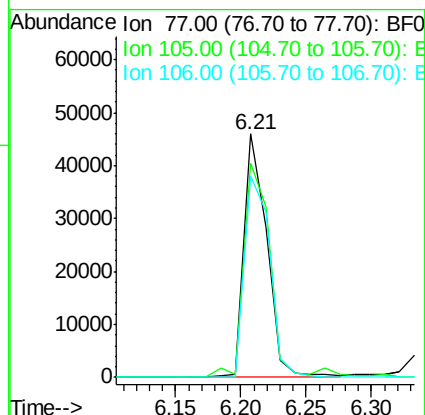
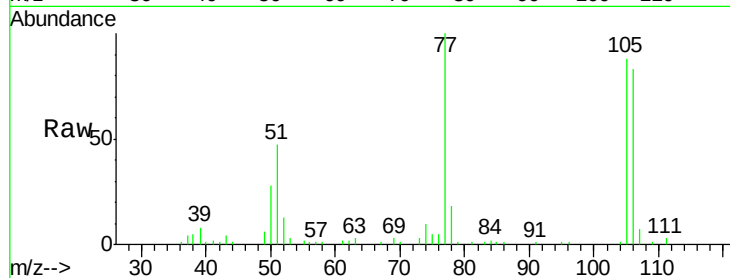
Tgt Ion: 77 Resp: 55325

Ion Ratio Lower Upper

77 100

105 87.9 83.9 123.9

106 82.5 77.6 117.6



#10

Phenol

Concen: 46.97 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.04 min

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Acq: 3 Jan 2017 19:42

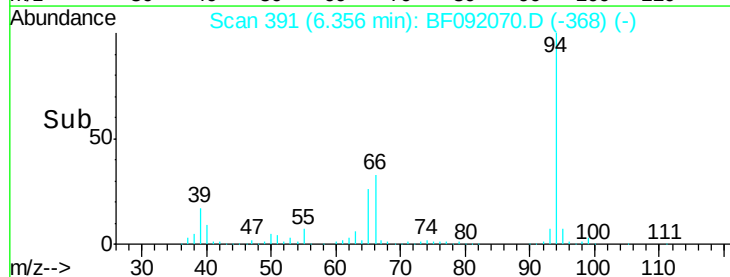
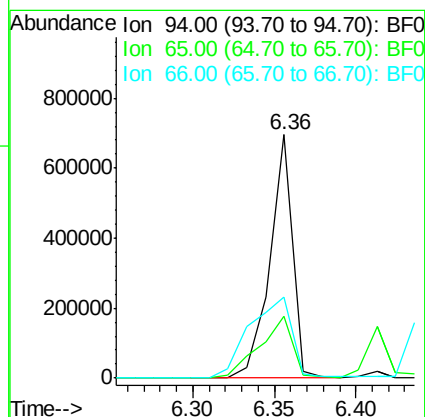
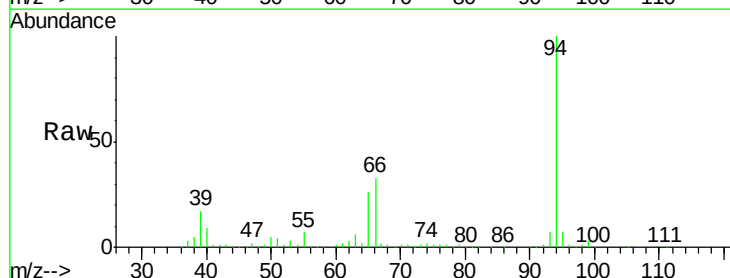
Tgt Ion: 94 Resp: 677386

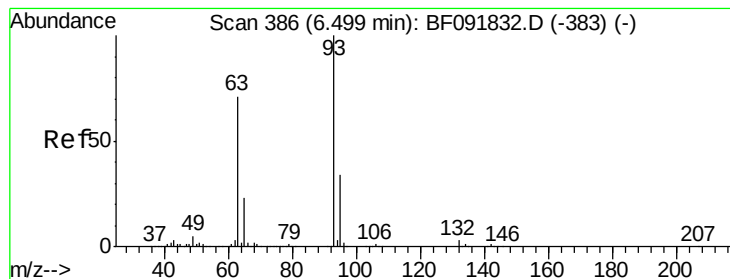
Ion Ratio Lower Upper

94 100

65 25.5 21.4 61.4

66 33.5 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 44.58 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

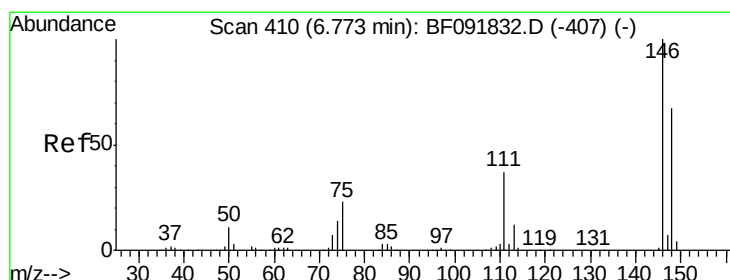
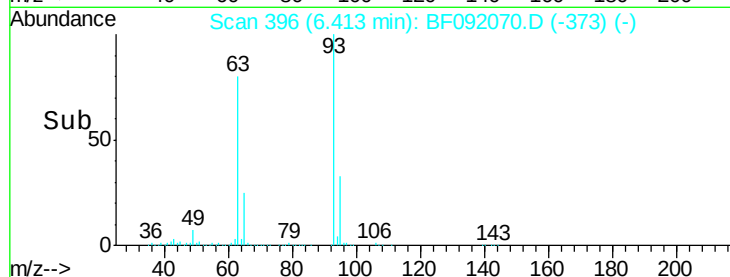
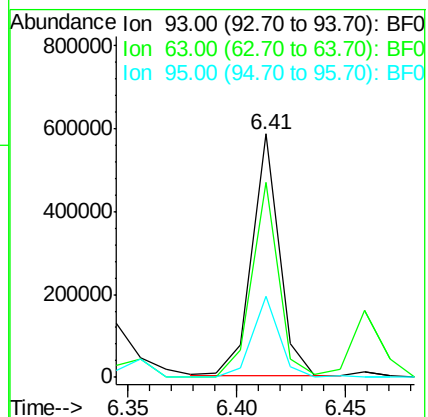
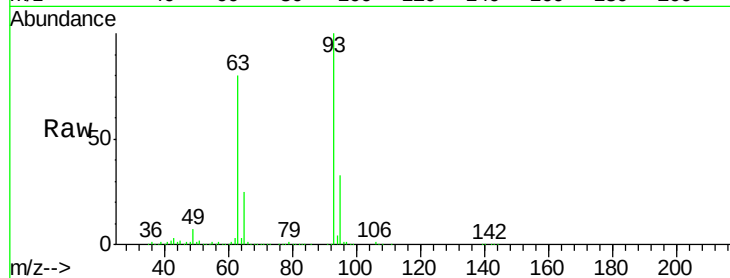
Tgt Ion: 93 Resp: 511498

Ion Ratio Lower Upper

93 100

63 80.1 60.4 100.4

95 33.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.07 ng

RT: 6.61 min Scan# 413

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

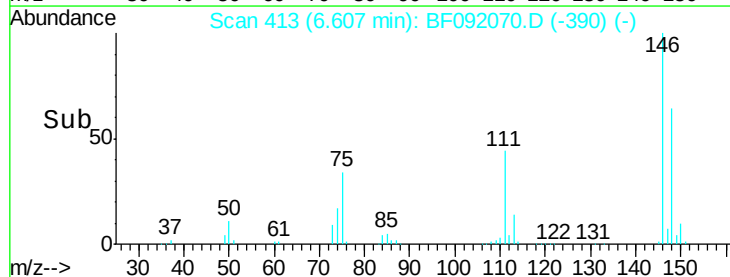
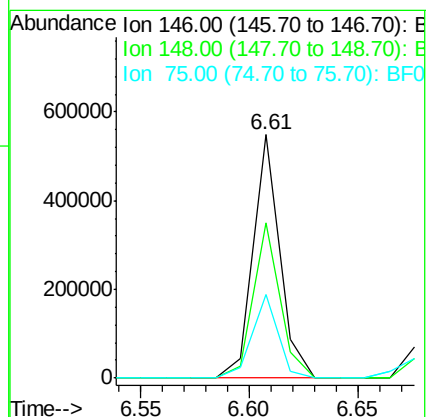
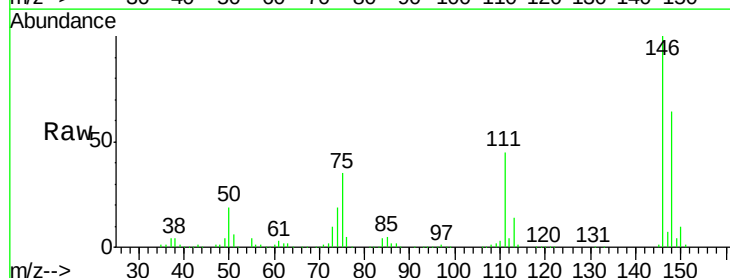
Tgt Ion: 146 Resp: 466568

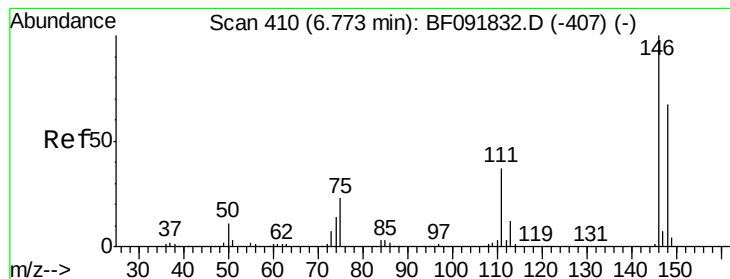
Ion Ratio Lower Upper

146 100

148 63.9 53.4 80.0

75 34.6 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 38.75 ng

RT: 6.69 min Scan# 420

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

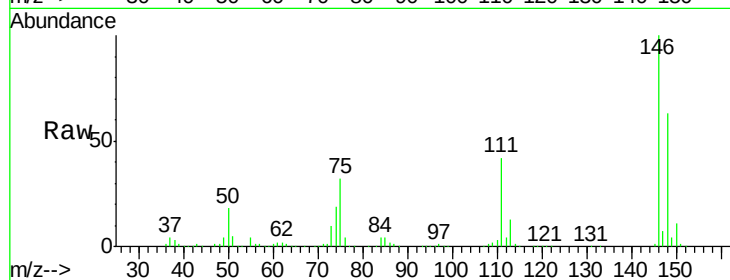
Tgt Ion:146 Resp: 496455

Ion Ratio Lower Upper

146 100

148 63.5 50.6 76.0

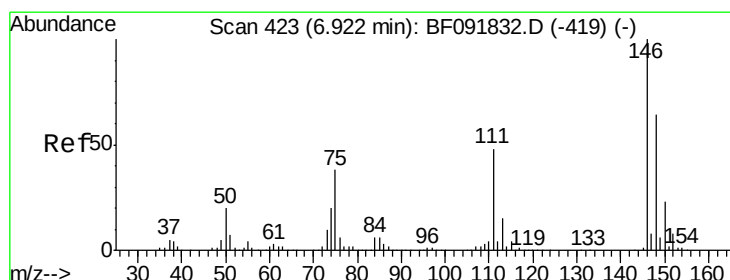
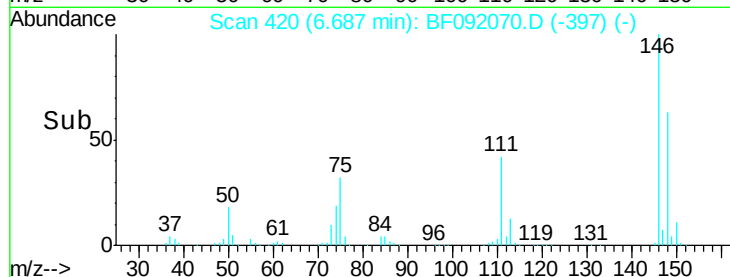
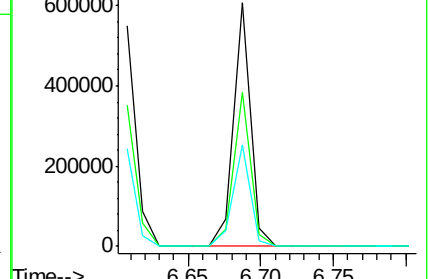
111 41.9 36.2 54.4



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: 38.13 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

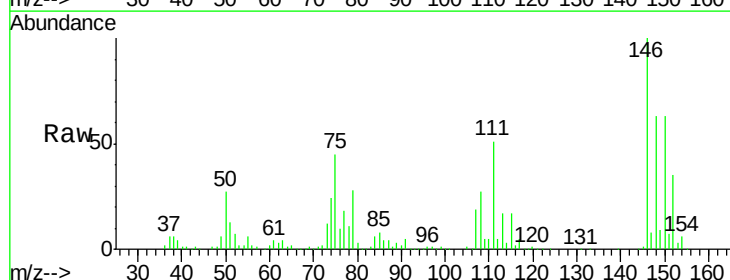
Tgt Ion:146 Resp: 423833

Ion Ratio Lower Upper

146 100

148 62.5 52.2 78.2

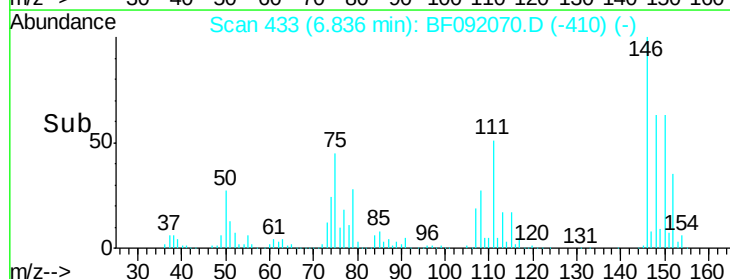
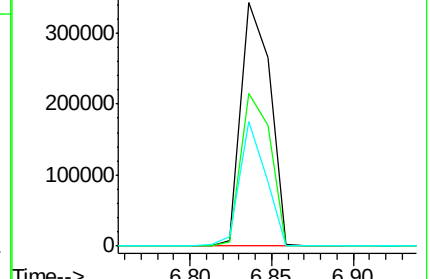
111 51.0 36.2 54.2

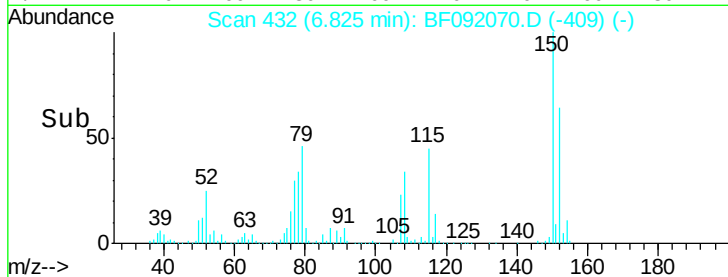
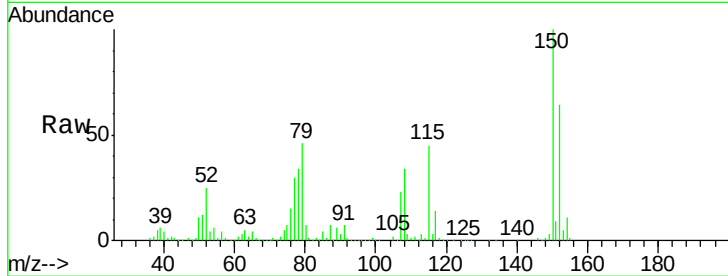
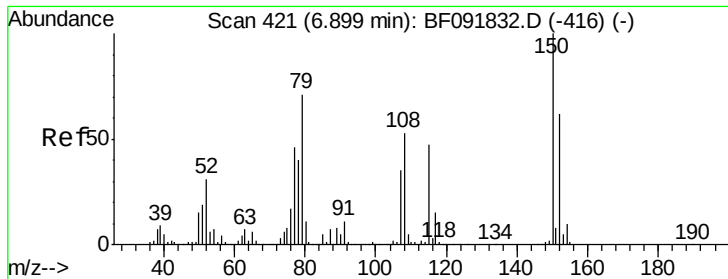


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.62 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

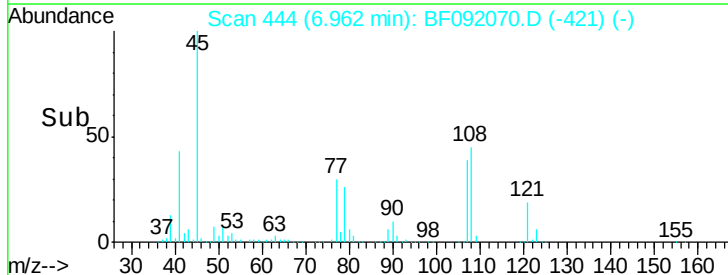
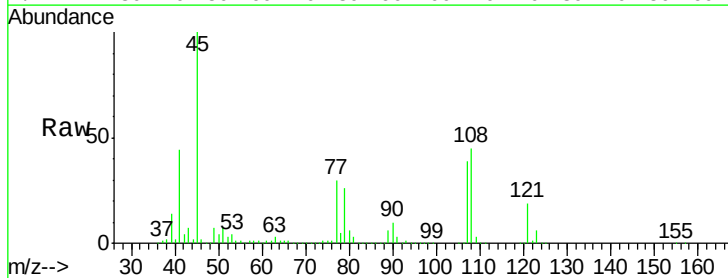
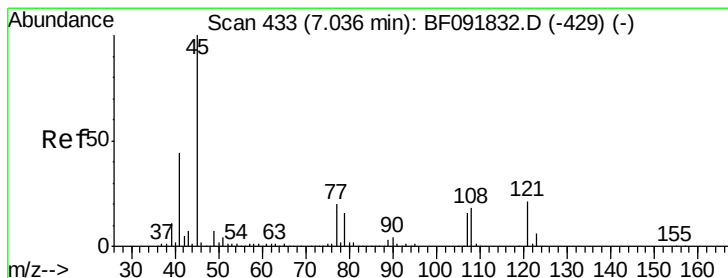
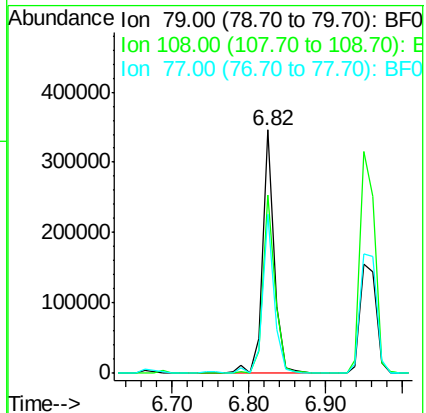
Tgt Ion: 79 Resp: 360117

Ion Ratio Lower Upper

79 100

108 73.1 61.4 92.0

77 65.6 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.38 ng

RT: 6.96 min Scan# 444

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

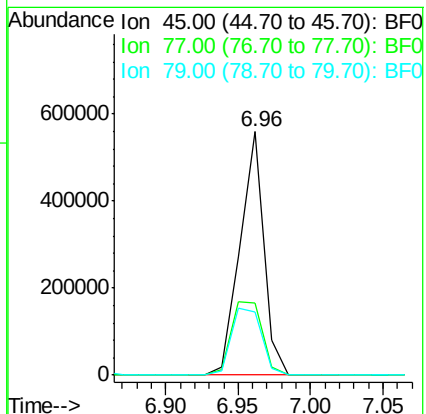
Tgt Ion: 45 Resp: 638640

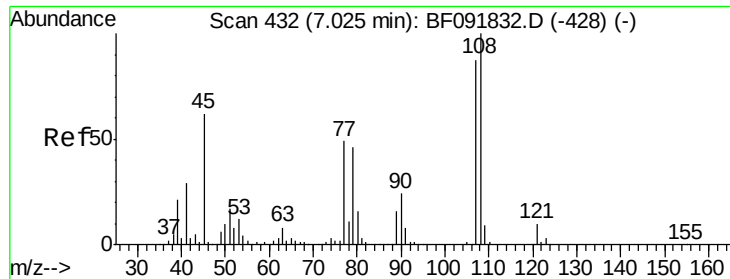
Ion Ratio Lower Upper

45 100

77 29.7 0.0 34.6

79 25.9 0.0 31.2

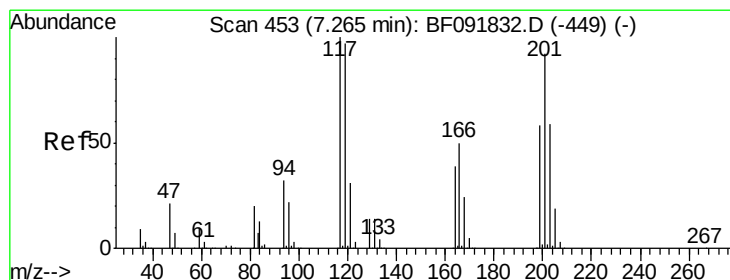
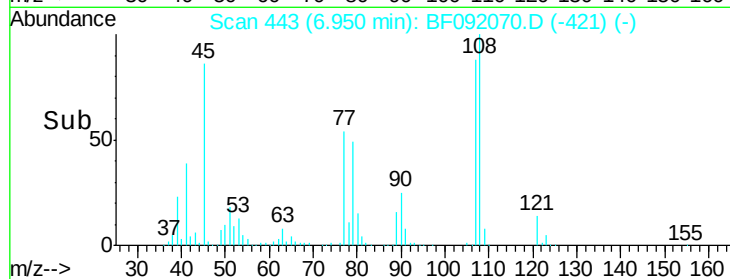
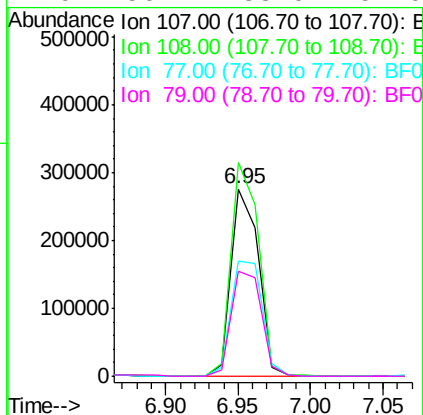
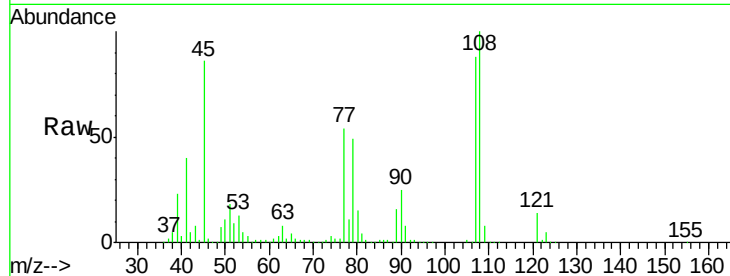




#17
2-Methylphenol
Concen: 38.18 ng
RT: 6.95 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

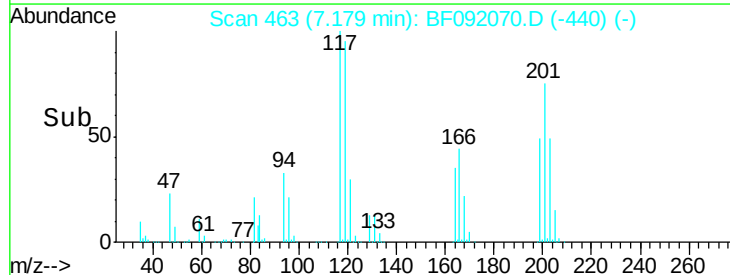
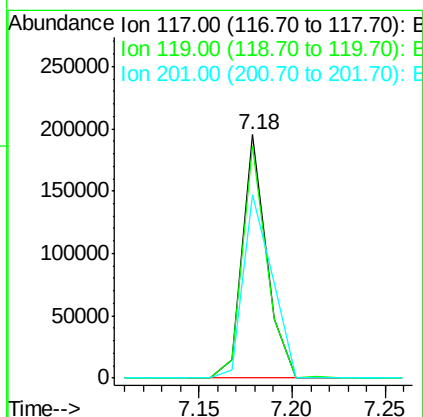
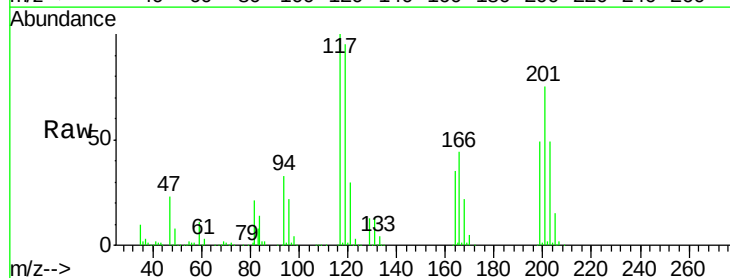
Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

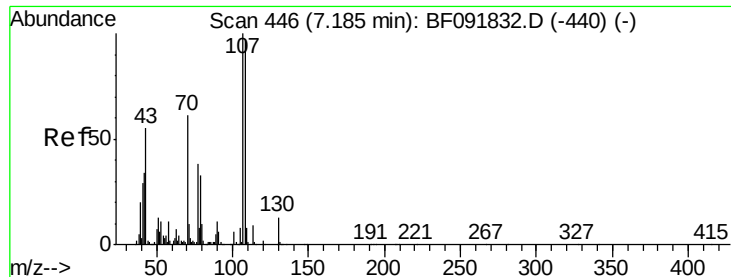
Tgt Ion:107 Resp: 362035
Ion Ratio Lower Upper
107 100
108 114.1 93.0 139.6
77 61.3 39.8 59.8#
79 56.1 38.0 57.0



#18
Hexachloroethane
Concen: 37.30 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Tgt Ion:117 Resp: 177176
Ion Ratio Lower Upper
117 100
119 95.4 78.1 117.1
201 75.3 78.6 117.8#

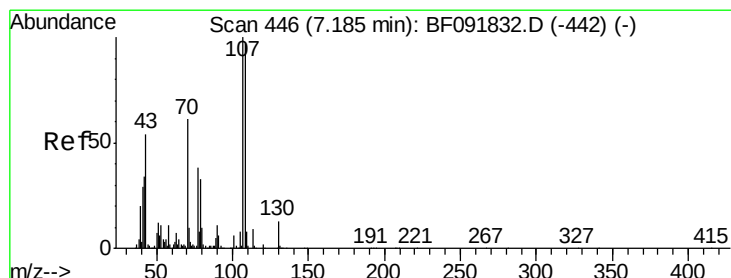
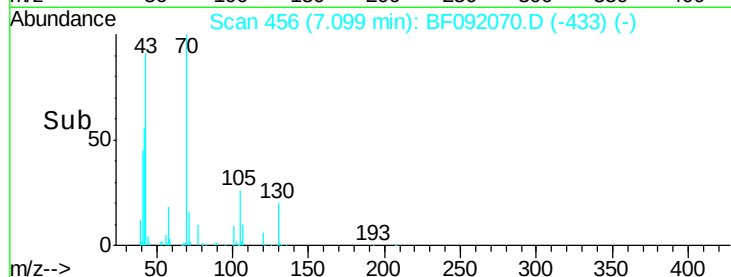
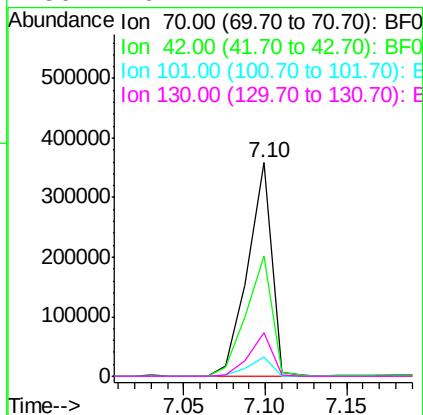
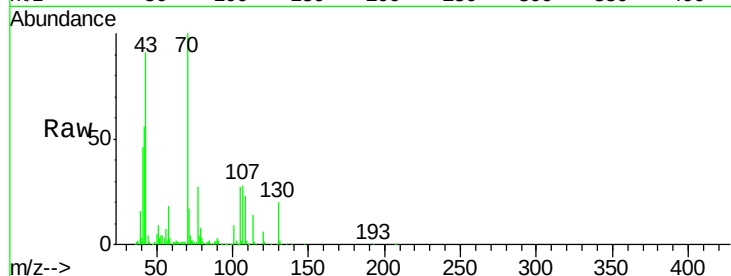




#19
n-Nitroso-di-n-propylamine
Concen: 43.59 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

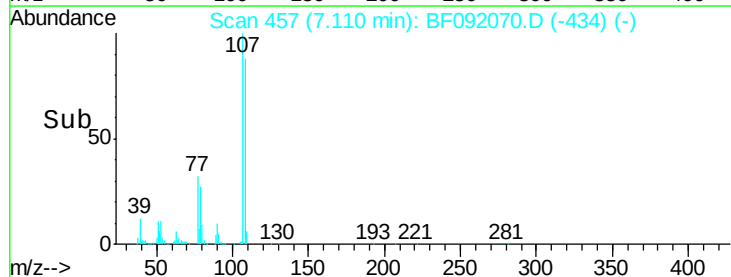
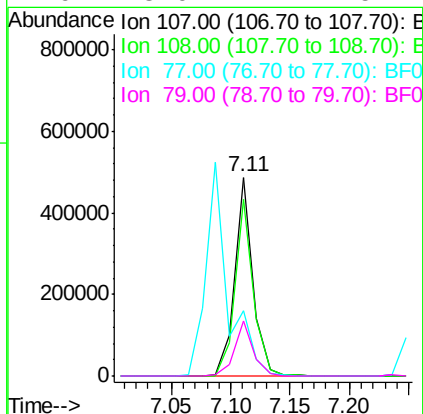
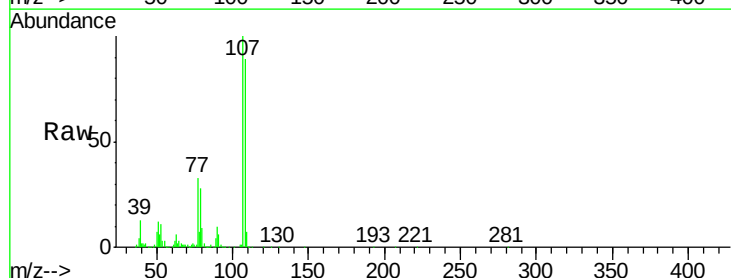
Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

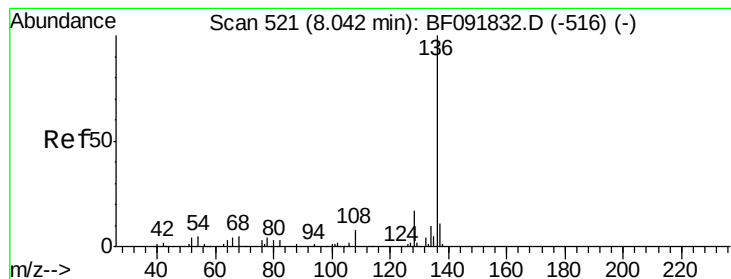
Tgt Ion:	70	Resp:	366972
Ion	Ratio	Lower	Upper
70	100		
42	56.3	49.4	74.0
101	9.0	7.4	11.2
130	20.2	14.2	21.4



#20
3+4-Methylphenols
Concen: 46.01 ng
RT: 7.11 min Scan# 457
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Tgt Ion:	107	Resp:	520371
Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.0	113.0
77	32.7	71.3	111.3#
79	28.0	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 531

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

Tgt Ion:136 Resp: 710790

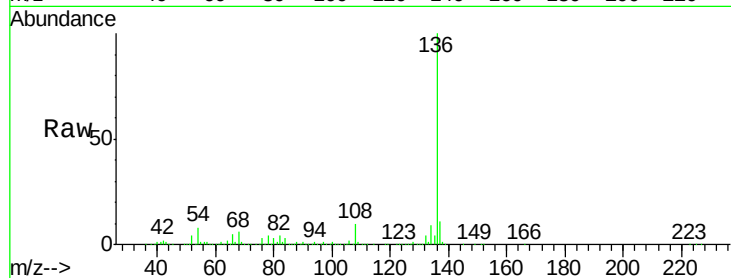
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 7.9 4.5 6.7#

68 6.4 3.6 5.4#

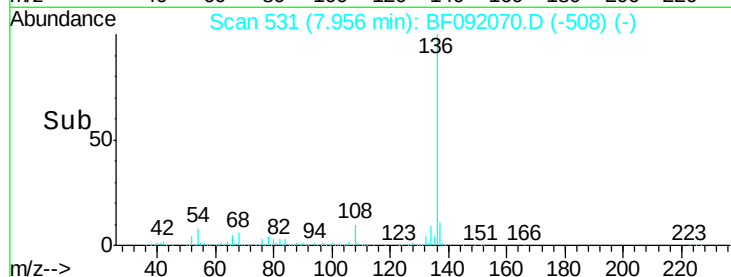


Abundance Ion 136.00 (135.70 to 136.70): E

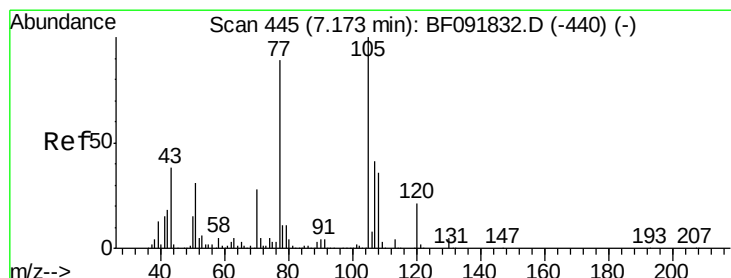
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.48 ng

RT: 7.09 min Scan# 455

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Tgt Ion:105 Resp: 674654

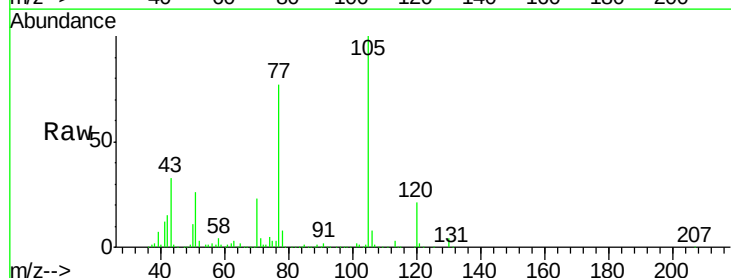
Ion Ratio Lower Upper

105 100

71 3.9 3.2 4.8

51 26.0 26.2 39.4#

120 21.2 16.6 24.8

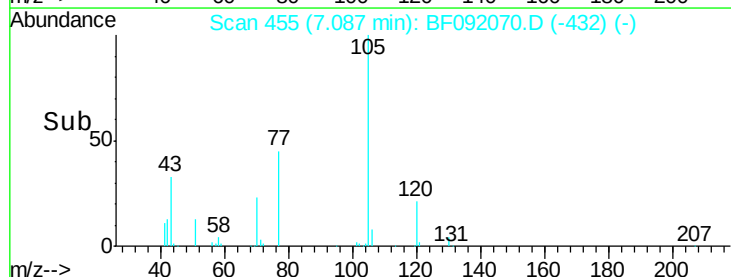


Abundance Ion 105.00 (104.70 to 105.70): E

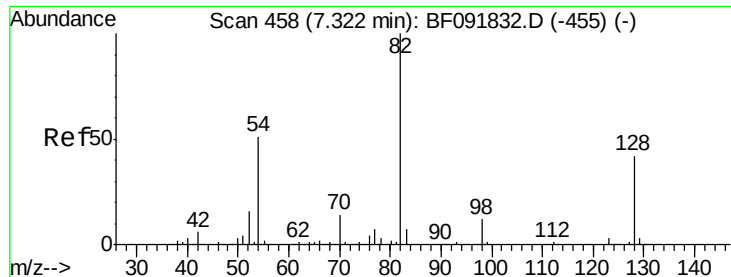
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



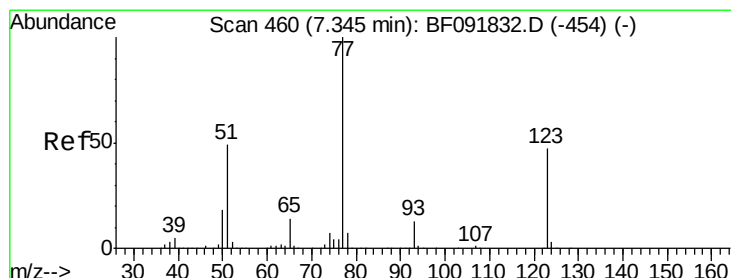
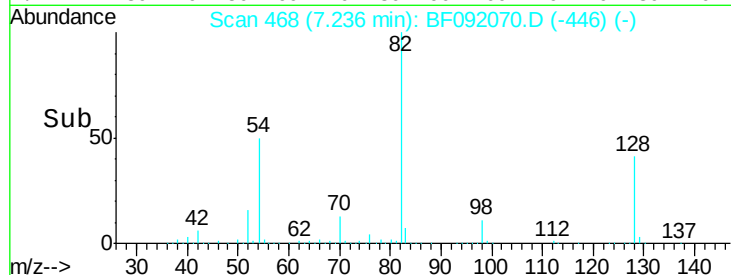
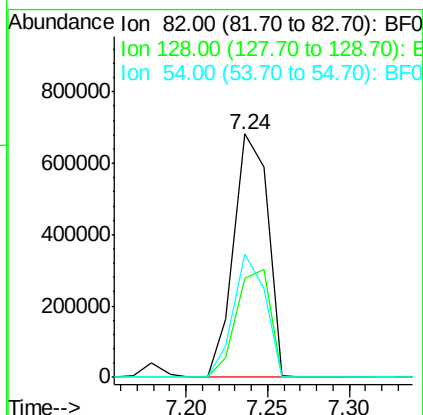
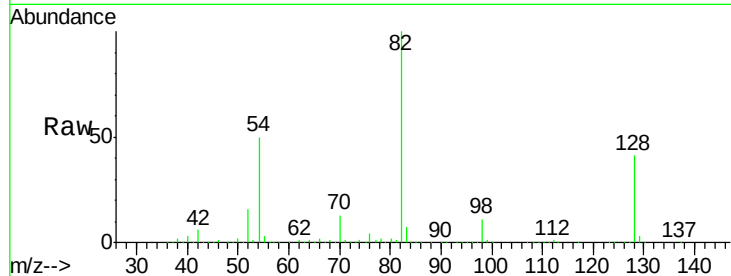
Time-->



#23
 Nitrobenzene-d5
 Concen: 77.18 ng
 RT: 7.24 min Scan# 468
 Delta R.T. -0.05 min
 Lab File: BF092070.D
 Acq: 3 Jan 2017 19:42

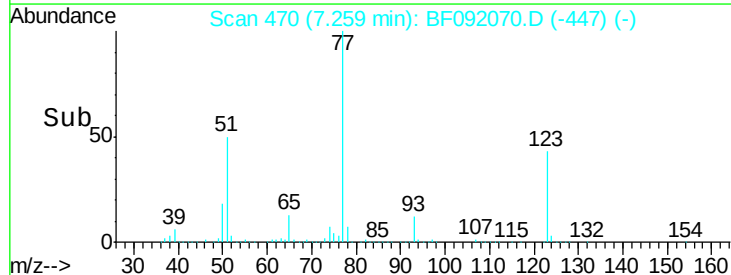
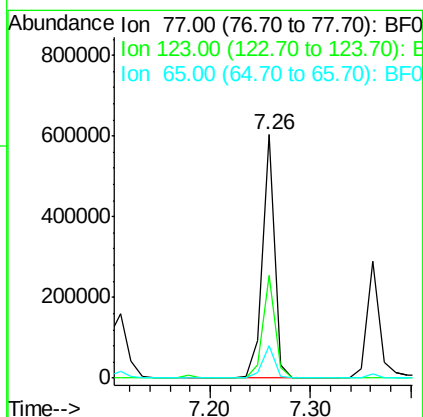
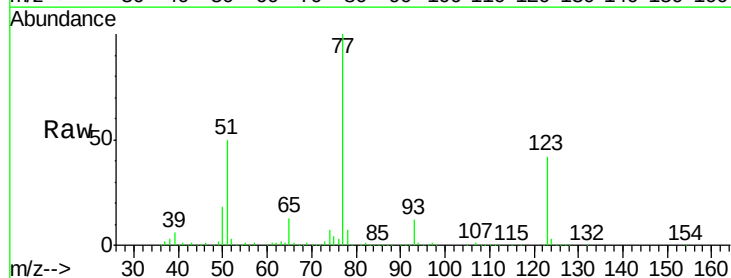
Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

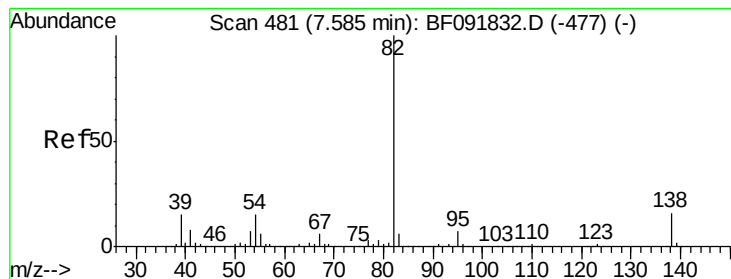
Tgt Ion: 82 Resp: 986597
 Ion Ratio Lower Upper
 82 100
 128 40.6 34.6 52.0
 54 50.4 39.5 59.3



#24
 Nitrobenzene
 Concen: 37.17 ng
 RT: 7.26 min Scan# 470
 Delta R.T. -0.04 min
 Lab File: BF092070.D
 Acq: 3 Jan 2017 19:42

Tgt Ion: 77 Resp: 506023
 Ion Ratio Lower Upper
 77 100
 123 42.5 33.0 49.4
 65 13.5 11.2 16.8





#25

Isophorone

Concen: 36.72 ng

RT: 7.50 min Scan# 491

Delta R.T. -0.05 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

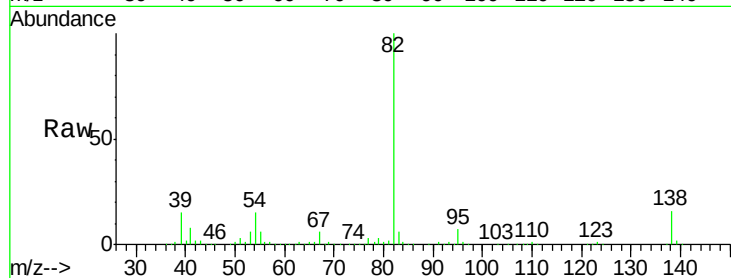
Tgt Ion: 82 Resp: 866033

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

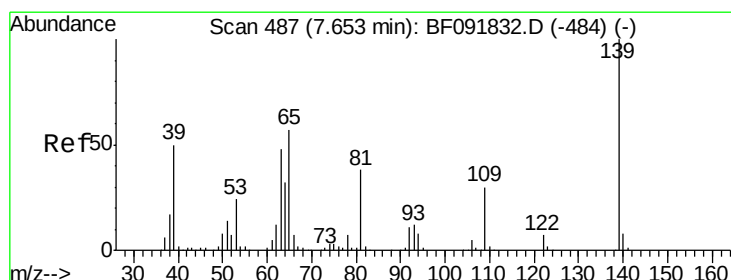
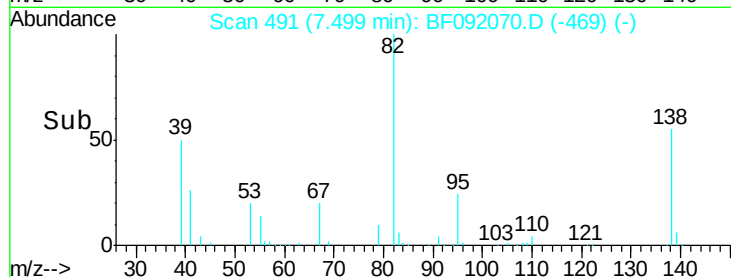
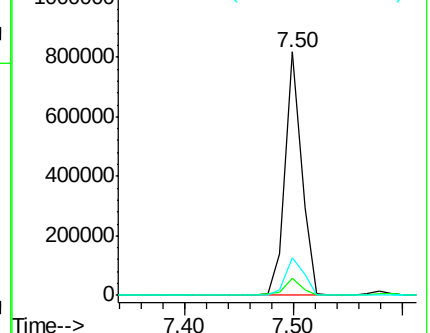
138 15.5 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.39 ng

RT: 7.58 min Scan# 498

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

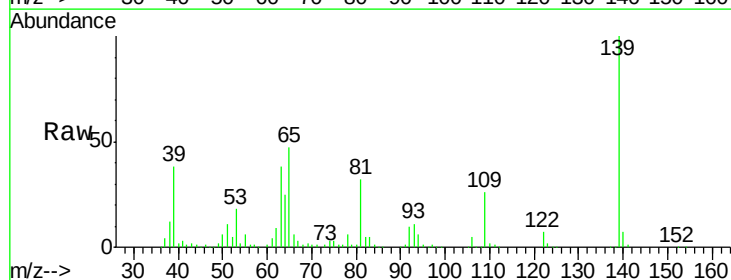
Tgt Ion: 139 Resp: 264449

Ion Ratio Lower Upper

139 100

109 26.5 23.3 34.9

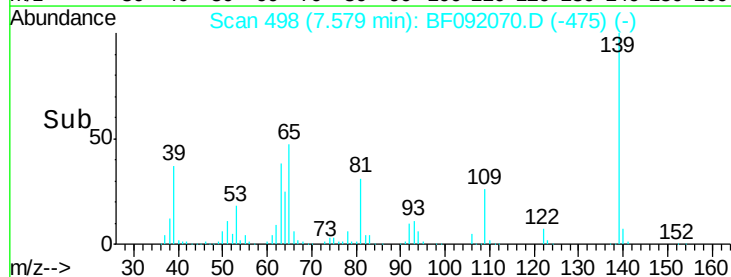
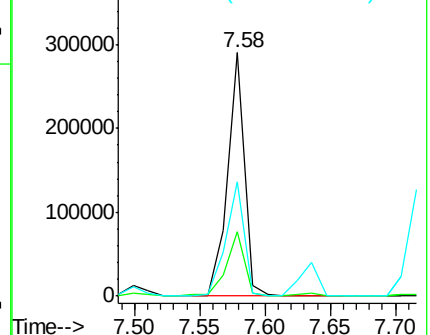
65 46.7 42.7 64.1

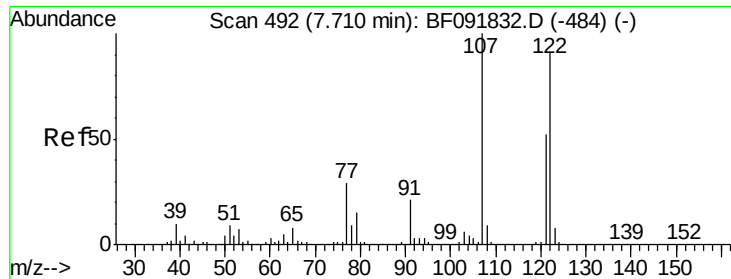


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

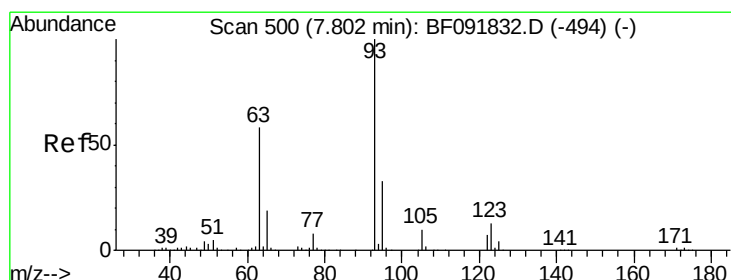
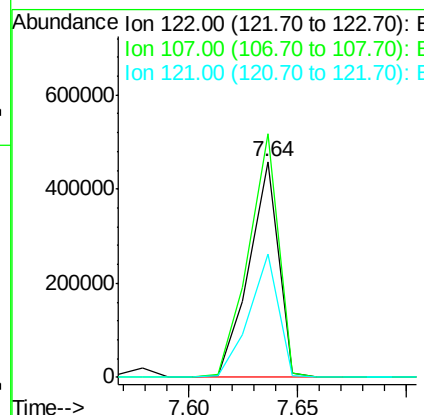
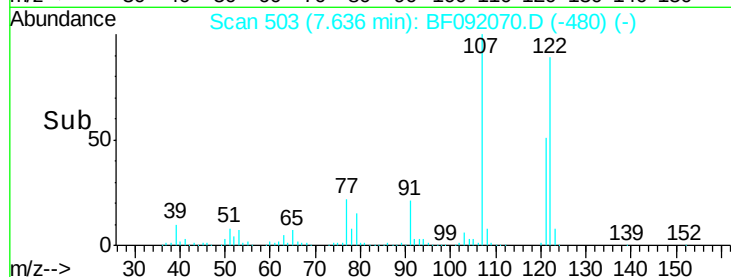
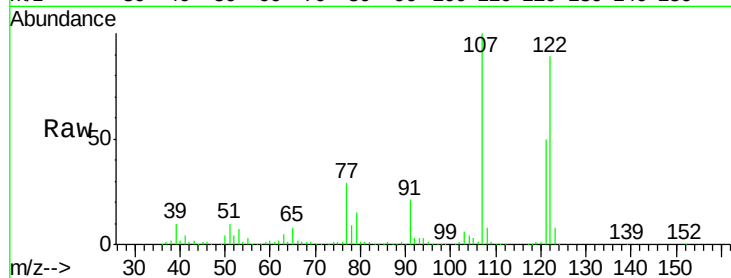




#27
 2,4-Dimethylphenol
 Concen: 39.05 ng
 RT: 7.64 min Scan# 503
 Delta R.T. -0.04 min
 Lab File: BF092070.D
 Acq: 3 Jan 2017 19:42

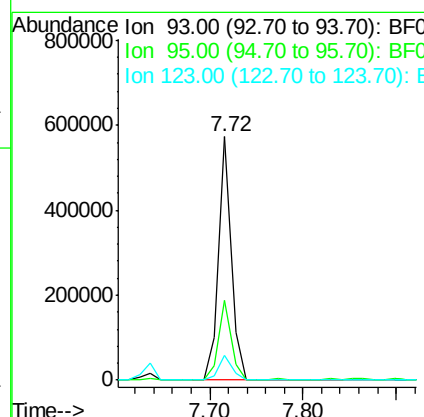
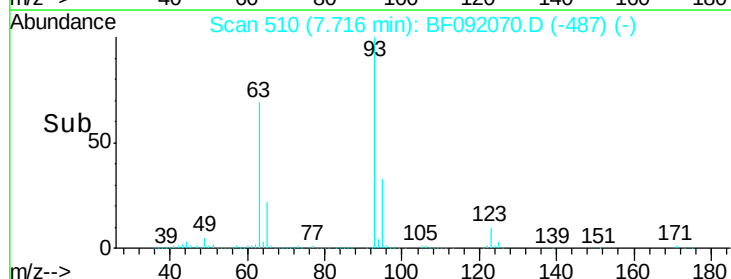
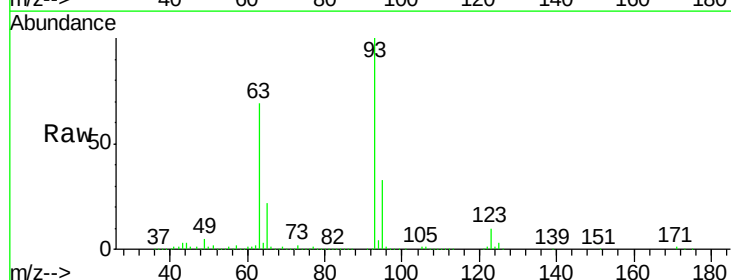
Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

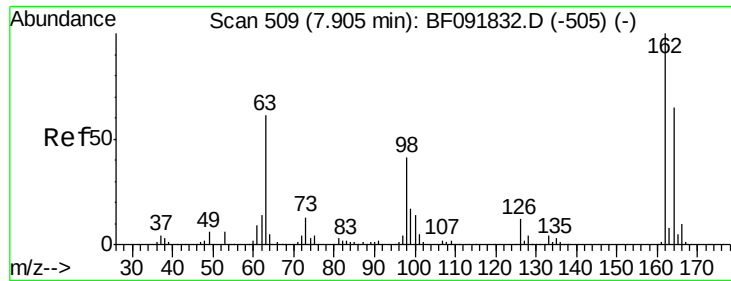
Tgt Ion:122 Resp: 434846
 Ion Ratio Lower Upper
 122 100
 107 112.9 94.1 141.1
 121 57.0 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.93 ng
 RT: 7.72 min Scan# 510
 Delta R.T. -0.04 min
 Lab File: BF092070.D
 Acq: 3 Jan 2017 19:42

Tgt Ion: 93 Resp: 542424
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 9.9 8.6 13.0

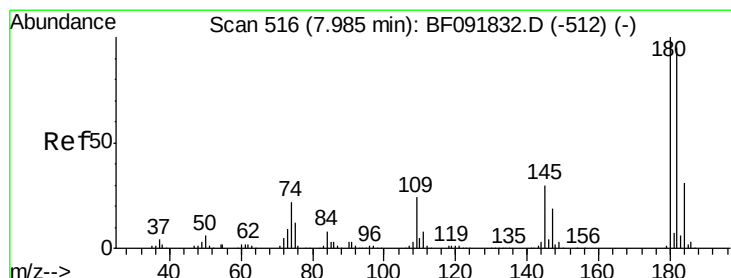
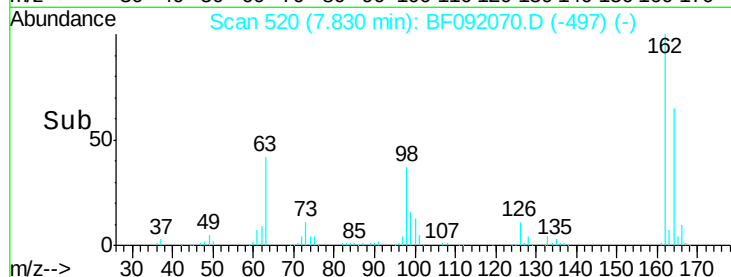
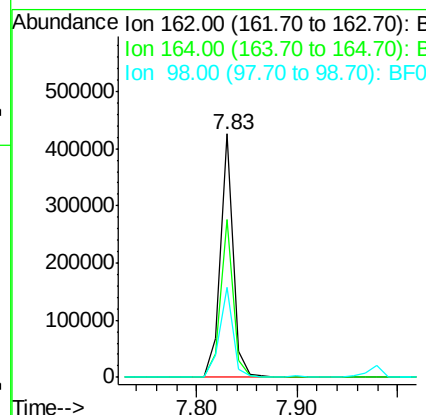
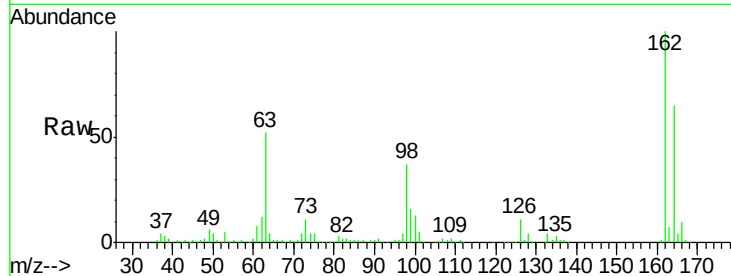




#29
2,4-Dichlorophenol
Concen: 40.12 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

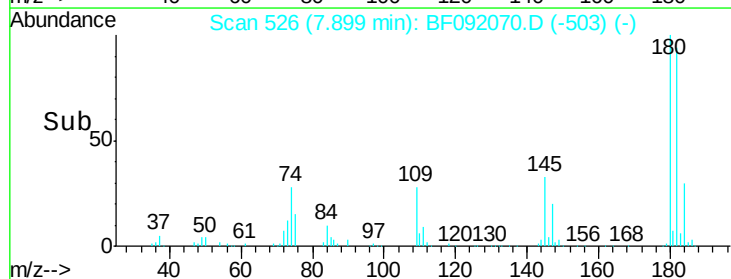
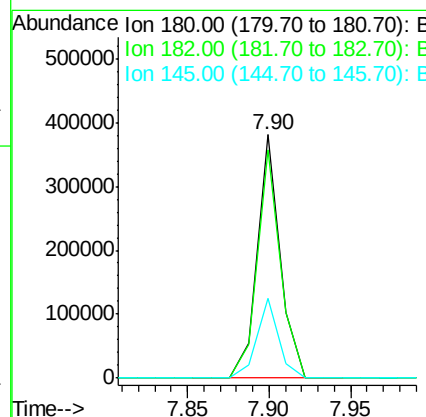
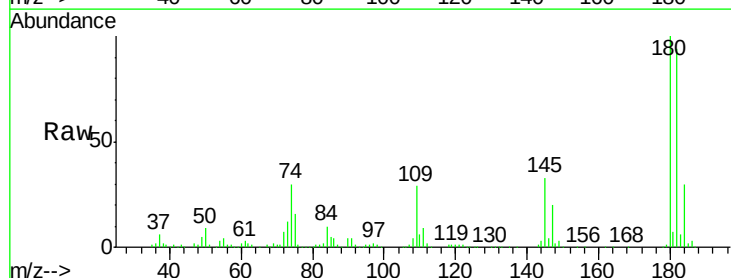
Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

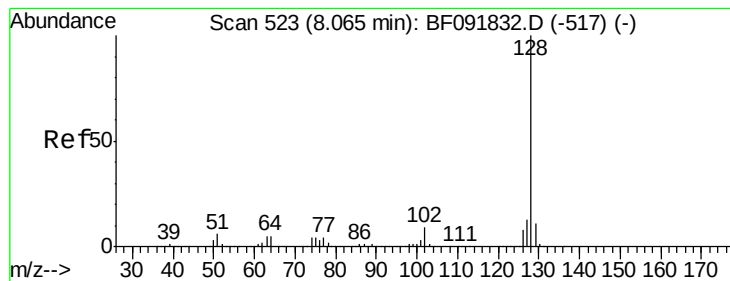
Tgt Ion:162 Resp: 378271
Ion Ratio Lower Upper
162 100
164 65.0 46.8 86.8
98 36.7 9.1 49.1



#30
1,2,4-Trichlorobenzene
Concen: 35.80 ng
RT: 7.90 min Scan# 526
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Tgt Ion:180 Resp: 369927
Ion Ratio Lower Upper
180 100
182 93.7 78.2 117.4
145 32.6 21.6 32.4#





#31

Naphthalene

Concen: 39.90 ng

RT: 7.98 min Scan# 533

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

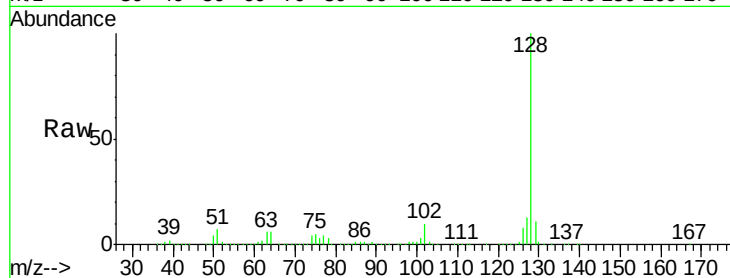
Tgt Ion:128 Resp: 1297978

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

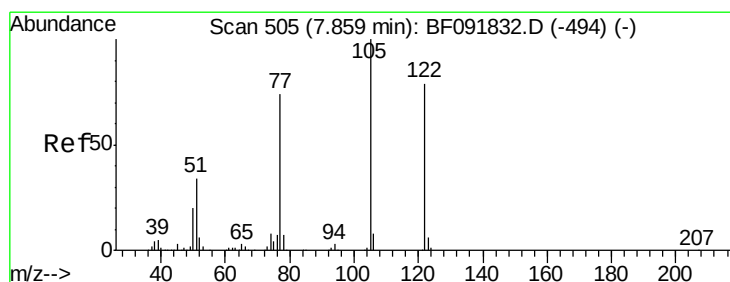
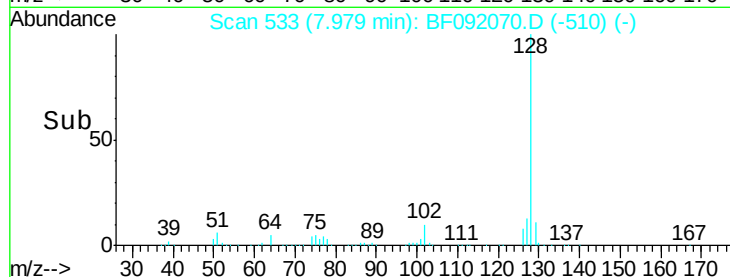
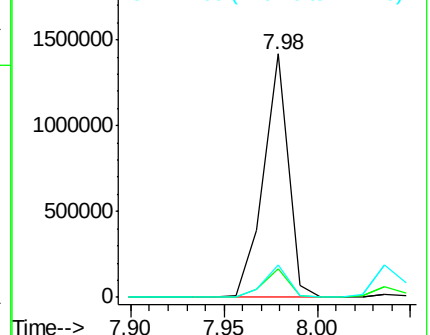
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.65 ng

RT: 7.64 min Scan# 503

Delta R.T. -0.20 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

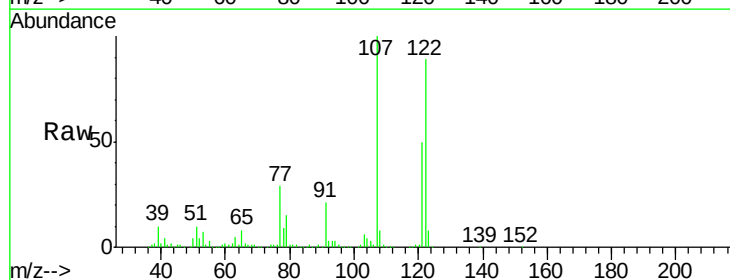
Tgt Ion:122 Resp: 434846

Ion Ratio Lower Upper

122 100

105 3.7 107.2 147.2#

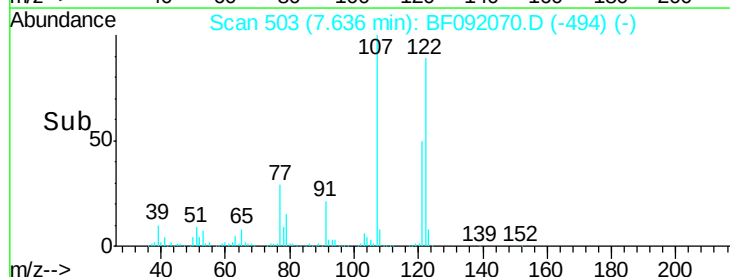
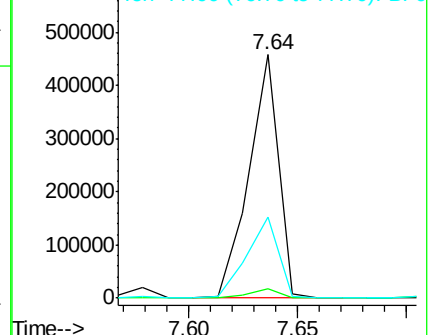
77 33.2 74.5 114.5#

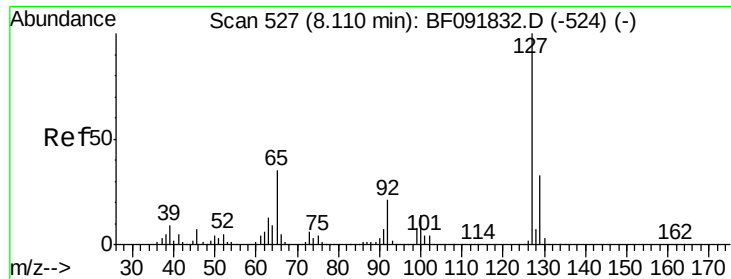


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

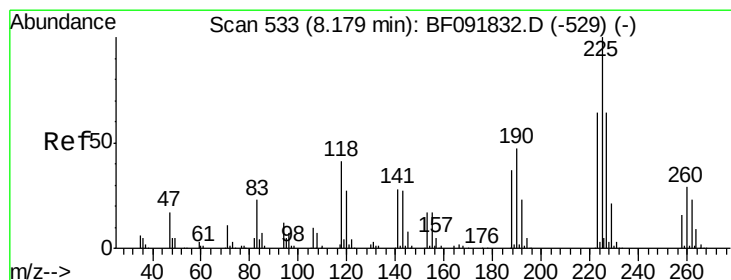
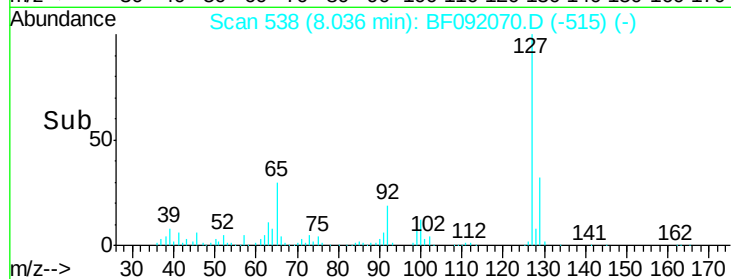
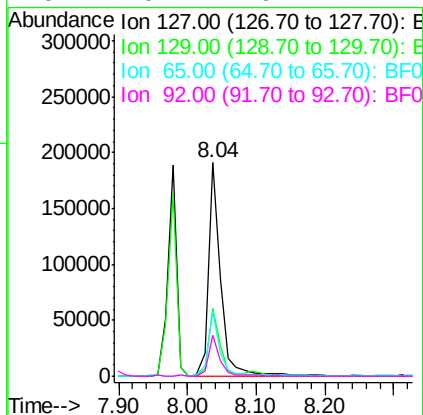
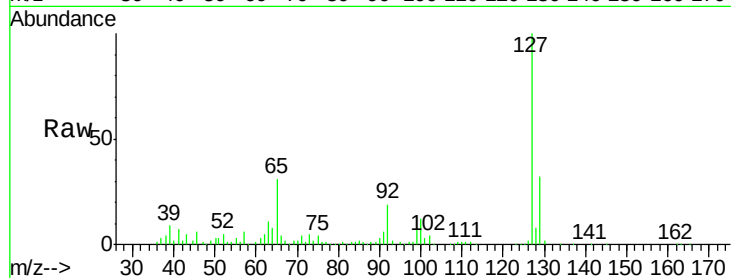




#33
4-Chloroaniline
Concen: 16.08 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

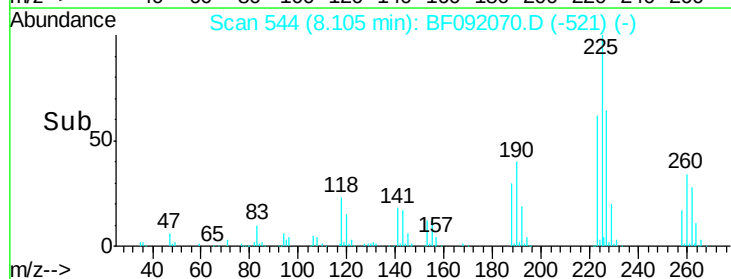
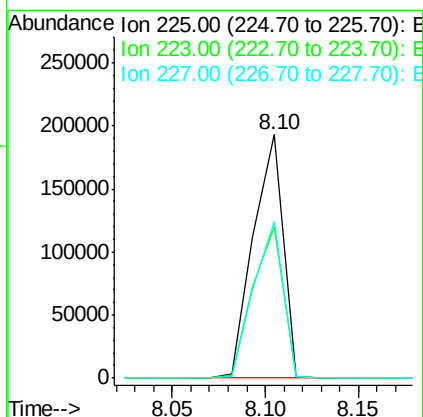
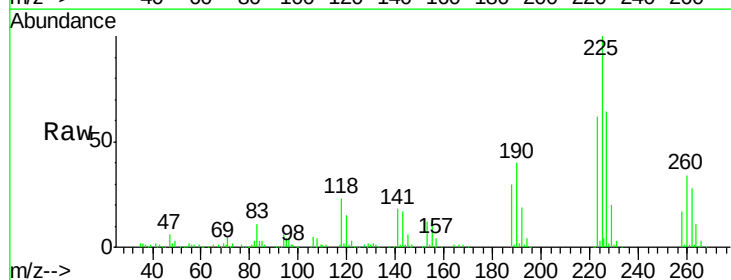
Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

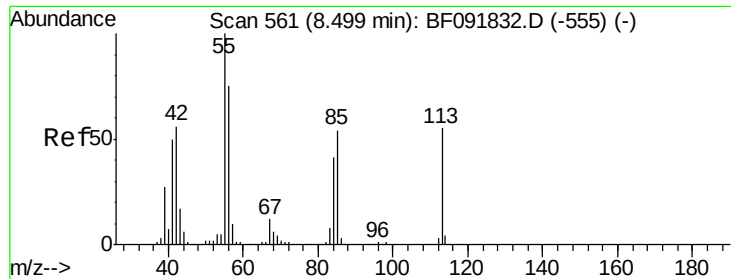
Tgt Ion:	127	Resp:	235864
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.3	39.5
65	30.6	25.8	38.8
92	19.4	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.90 ng
RT: 8.10 min Scan# 544
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Tgt Ion:	225	Resp:	212163
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.6
227	64.1	50.6	76.0





#35

Caprolactam

Concen: 39.34 ng

RT: 8.40 min Scan# 570

Delta R.T. -0.07 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

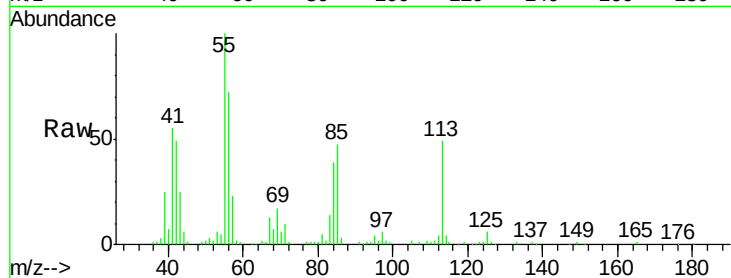
Tgt Ion:113 Resp: 121909

Ion Ratio Lower Upper

113 100

55 202.3 119.2 159.2#

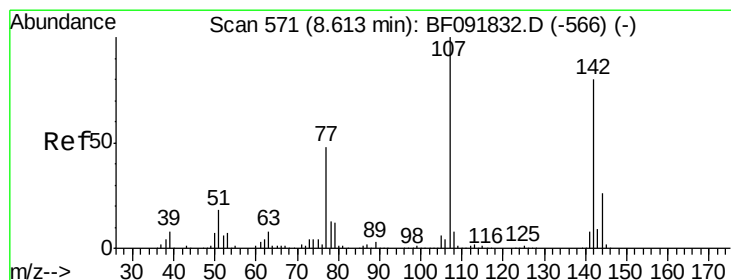
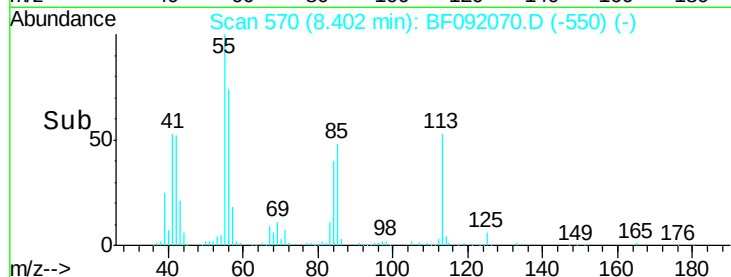
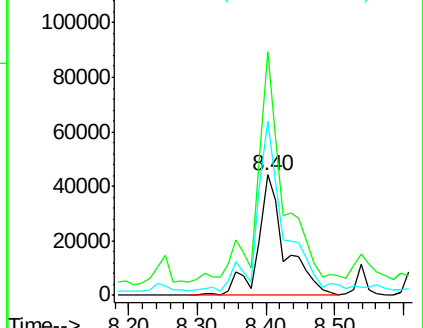
56 144.9 83.8 123.8#



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: 35.81 ng

RT: 8.54 min Scan# 582

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

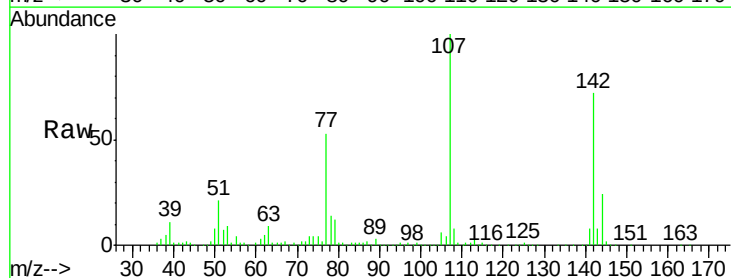
Tgt Ion:107 Resp: 388545

Ion Ratio Lower Upper

107 100

144 23.9 19.3 28.9

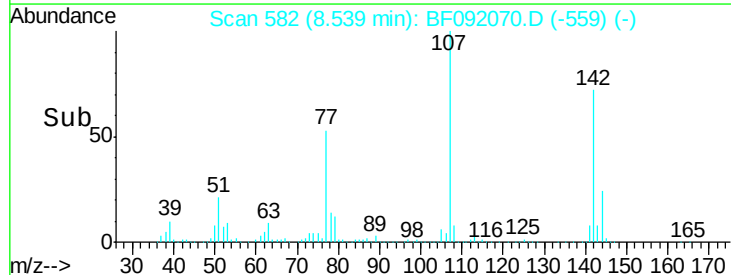
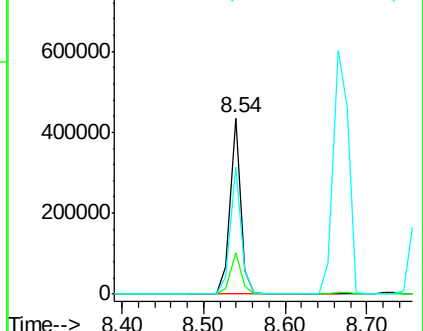
142 72.4 59.0 88.6

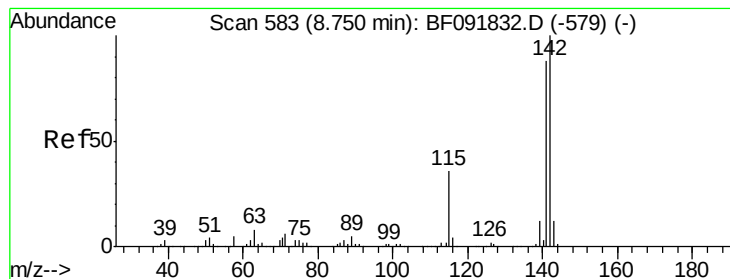


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.68 ng

RT: 8.66 min Scan# 593

Delta R.T. -0.05 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

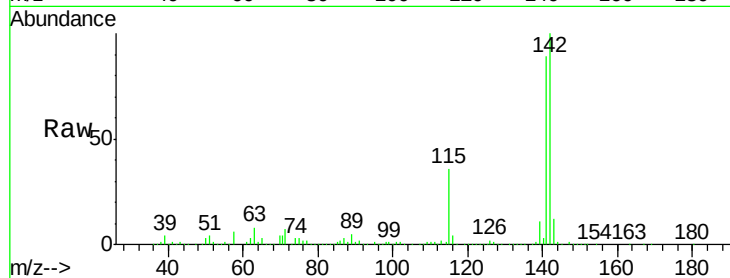
Tgt Ion:142 Resp: 786811

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6

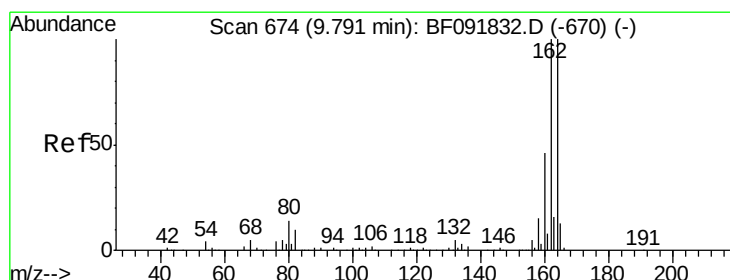
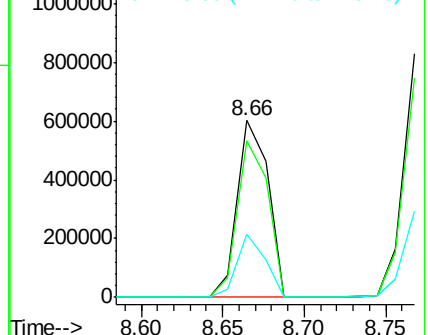
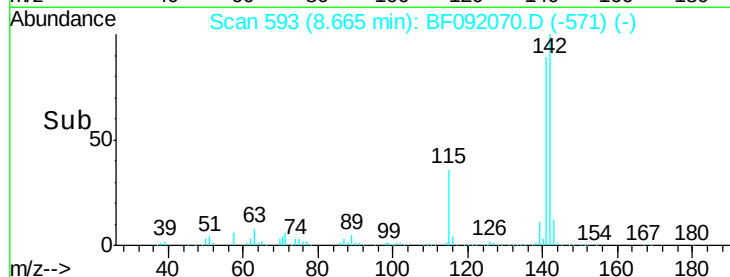
115 35.9 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

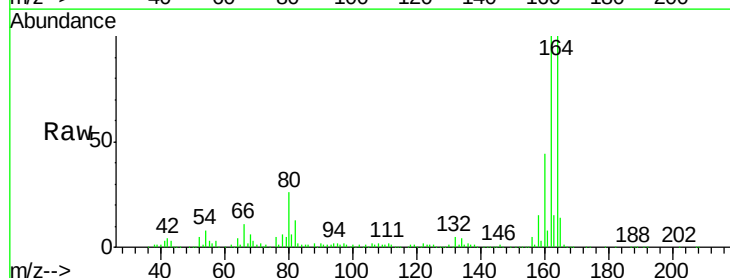
Tgt Ion:164 Resp: 349204

Ion Ratio Lower Upper

164 100

162 100.1 80.2 120.2

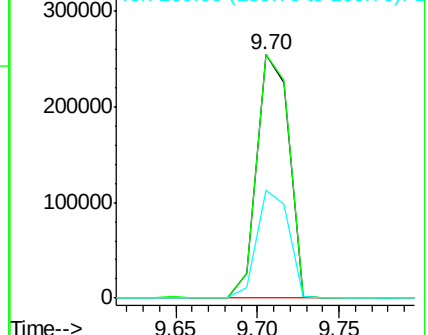
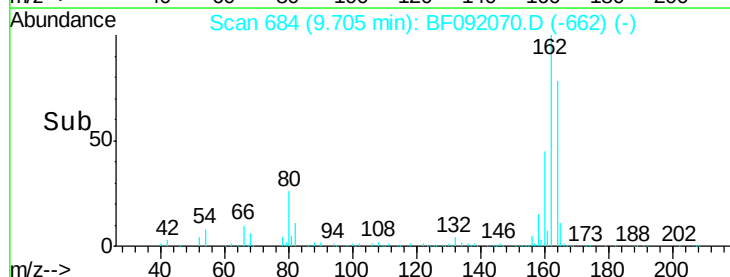
160 44.5 36.9 55.3

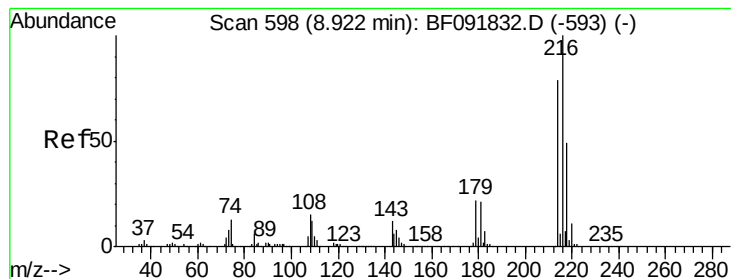


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.78 ng

RT: 8.84 min Scan# 608

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

Tgt Ion:216 Resp: 333294

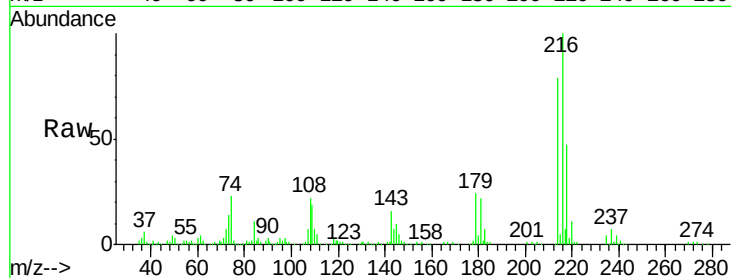
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 23.2 17.4 26.2

108 22.8 15.6 23.4

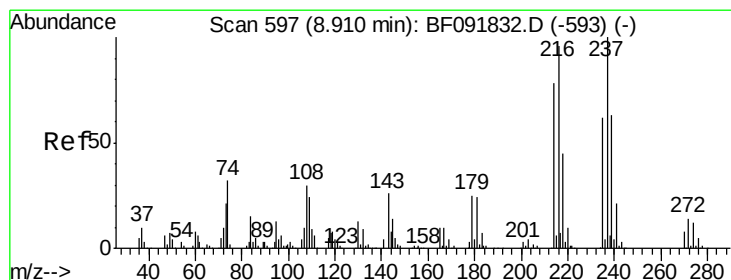
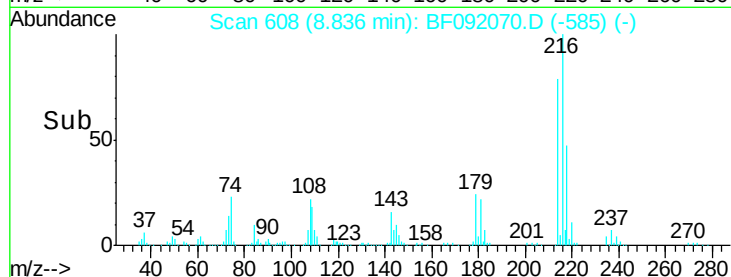
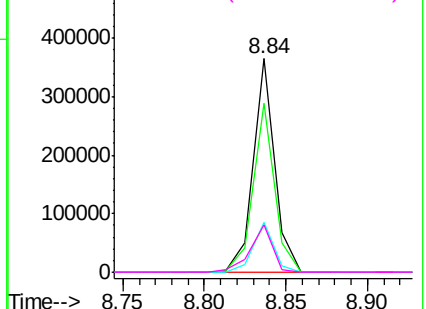


Abundance Ion 216.00 (215.70 to 216.70): E

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: 48.63 ng

RT: 8.82 min Scan# 607

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

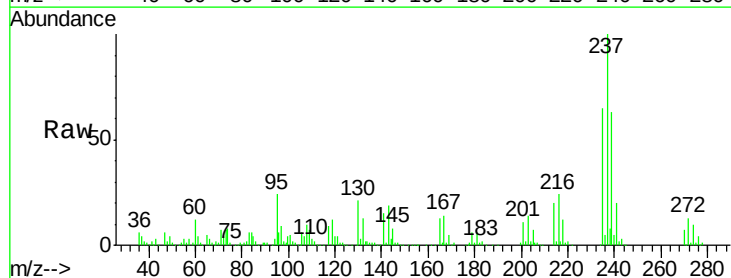
Tgt Ion:237 Resp: 184616

Ion Ratio Lower Upper

237 100

235 64.9 41.2 81.2

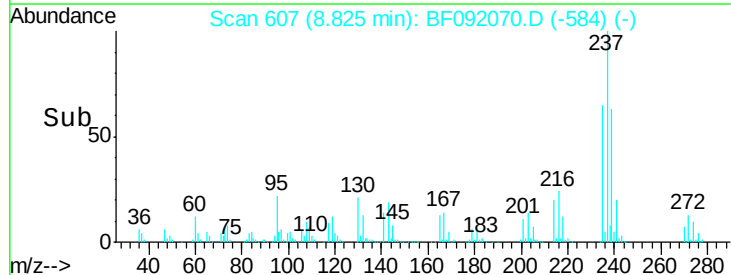
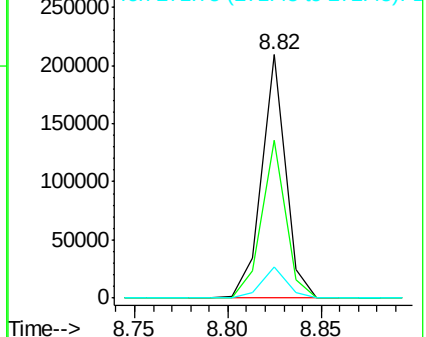
272 12.8 0.0 35.4

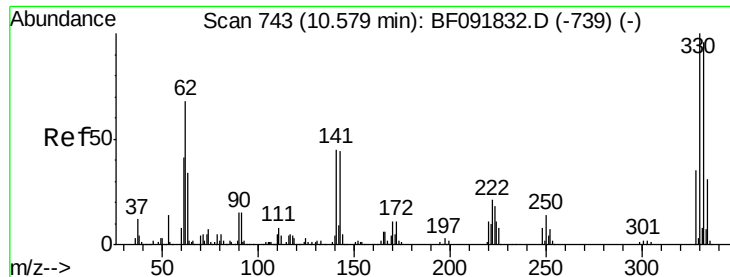


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

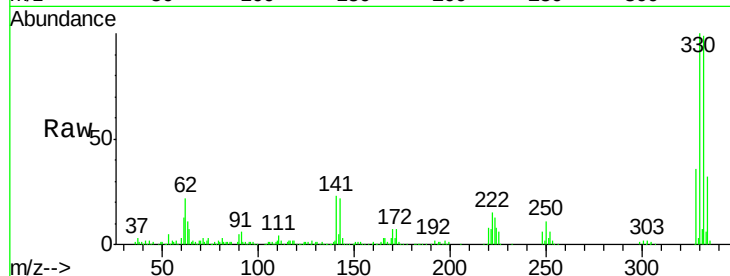




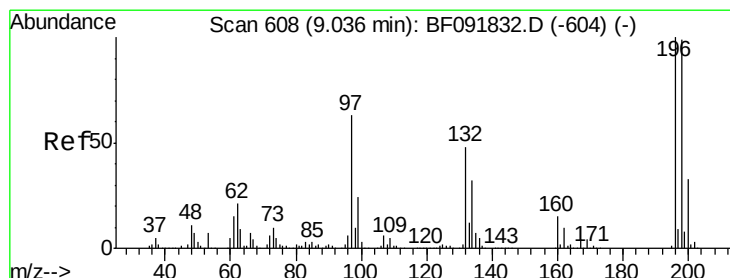
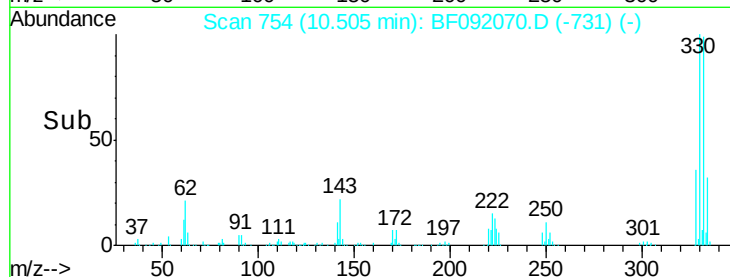
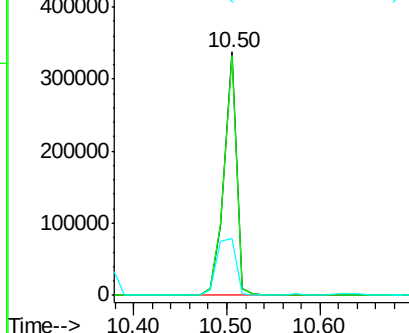
#41
 2,4,6-Tribromophenol
 Concen: 108.82 ng
 RT: 10.50 min Scan# 754
 Delta R.T. -0.04 min
 Lab File: BF092070.D
 Acq: 3 Jan 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

Tgt Ion:330 Resp: 314470
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.4 116.2
 141 35.6 34.1 51.1

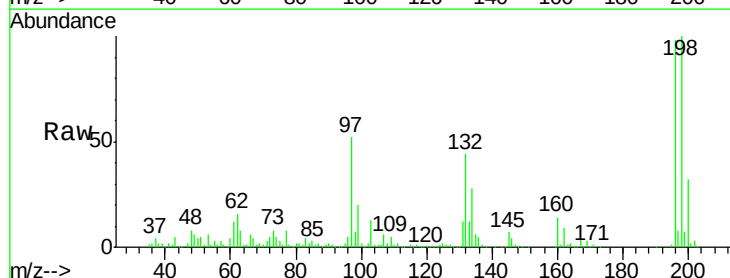


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

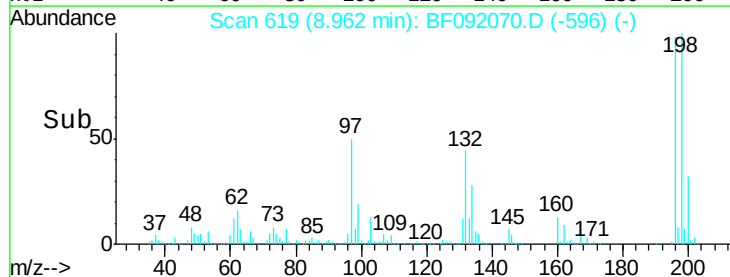
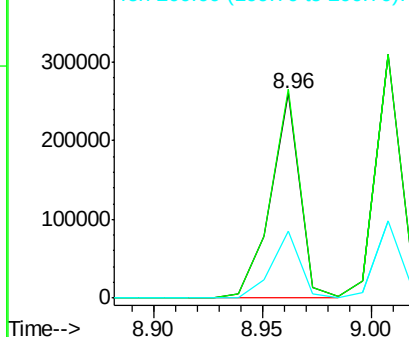


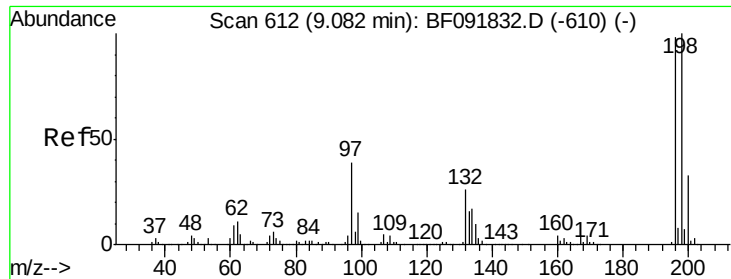
#42
 2,4,6-Trichlorophenol
 Concen: 40.12 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.04 min
 Lab File: BF092070.D
 Acq: 3 Jan 2017 19:42

Tgt Ion:196 Resp: 247519
 Ion Ratio Lower Upper
 196 100
 198 102.1 82.1 123.1
 200 32.5 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

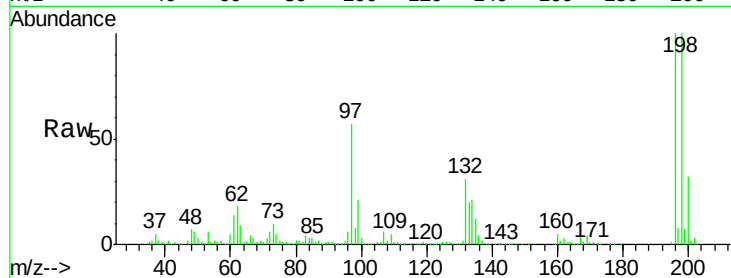




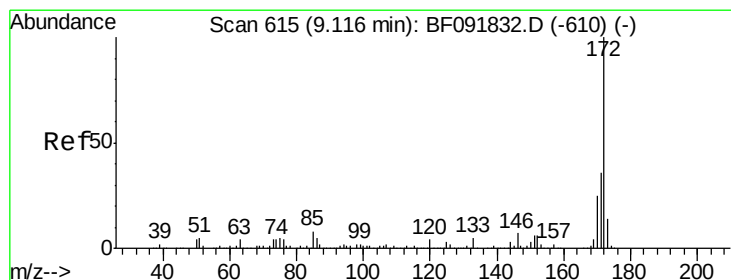
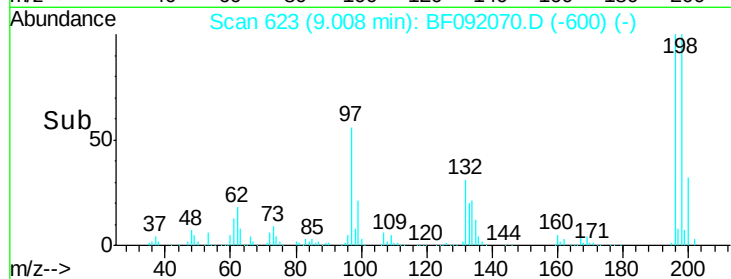
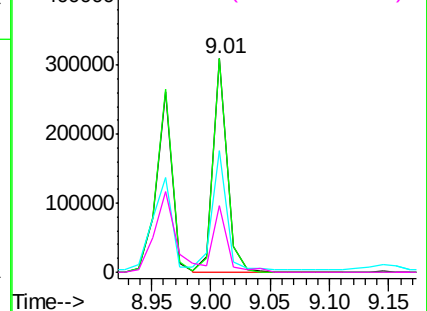
#43
 2,4,5-Trichlorophenol
 Concen: 40.37 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.04 min
 Lab File: BF092070.D
 Acq: 3 Jan 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

Tgt Ion:196 Resp: 256375
 Ion Ratio Lower Upper
 196 100
 198 99.9 79.4 119.2
 97 57.0 51.5 77.3
 132 31.3 27.4 41.2

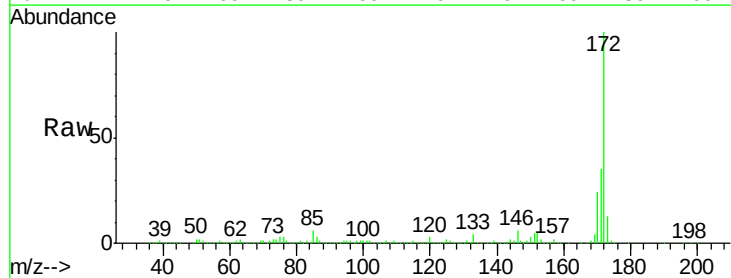


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

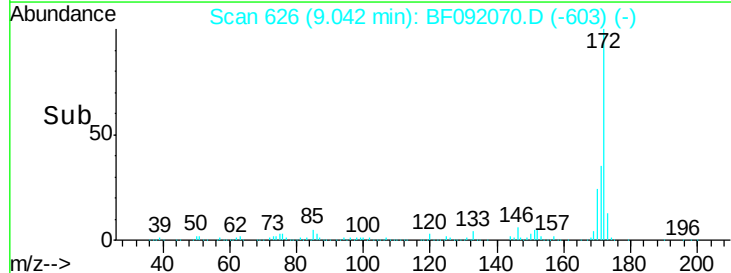
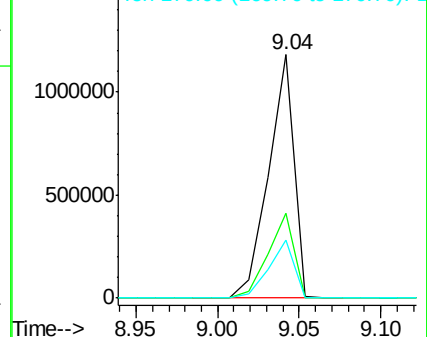


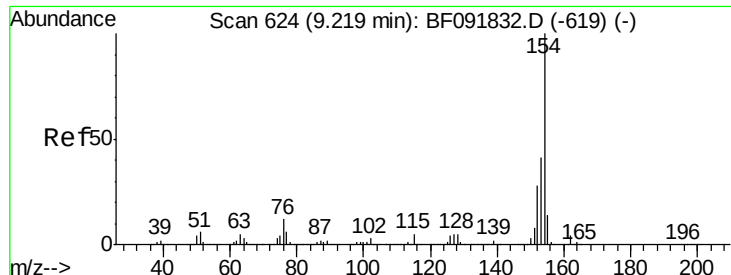
#44
 2-Fluorobiphenyl
 Concen: 73.45 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.04 min
 Lab File: BF092070.D
 Acq: 3 Jan 2017 19:42

Tgt Ion:172 Resp: 1281663
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.4 44.0
 170 23.8 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: 38.05 ng

RT: 9.13 min Scan# 634

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

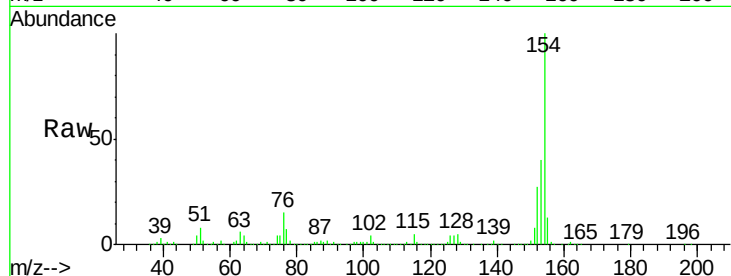
Tgt Ion:154 Resp: 909889

Ion Ratio Lower Upper

154 100

153 39.7 20.9 60.9

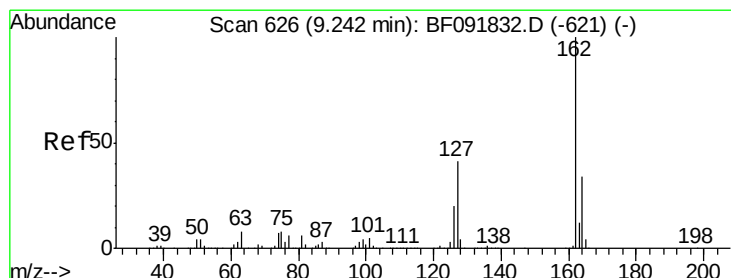
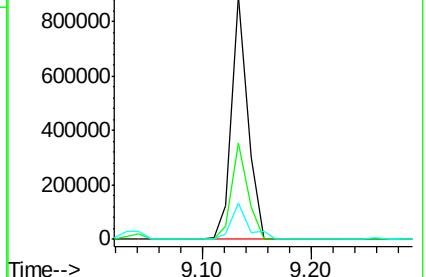
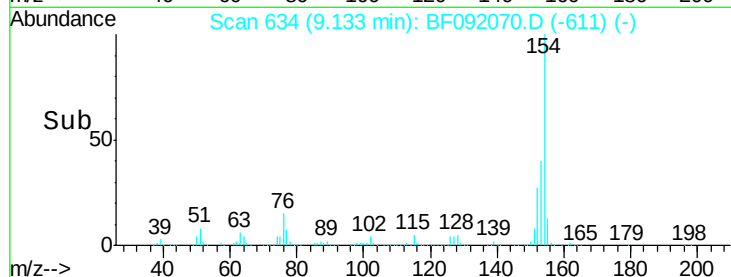
76 14.9 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.26 ng

RT: 9.16 min Scan# 636

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

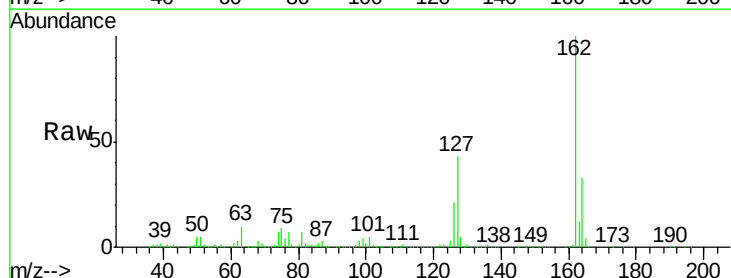
Tgt Ion:162 Resp: 705495

Ion Ratio Lower Upper

162 100

127 42.7 30.7 46.1

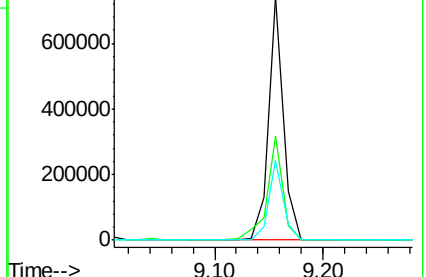
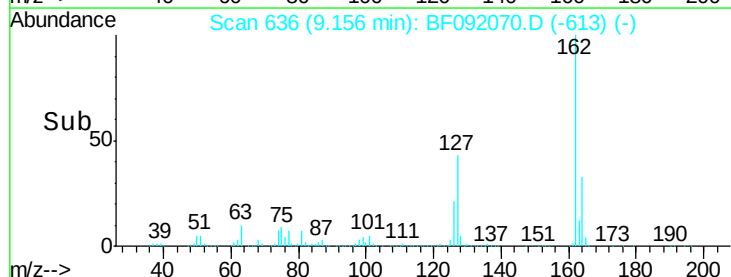
164 32.8 27.6 41.4

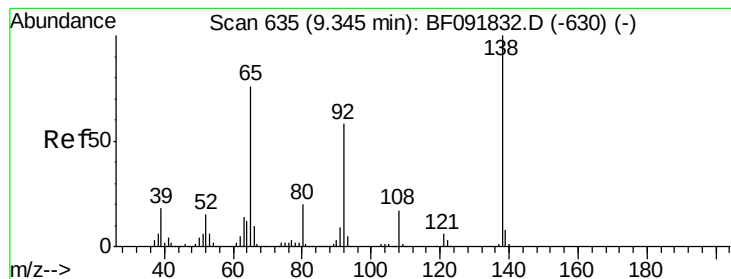


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 33.50 ng

RT: 9.26 min Scan# 645

Delta R.T. -0.05 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

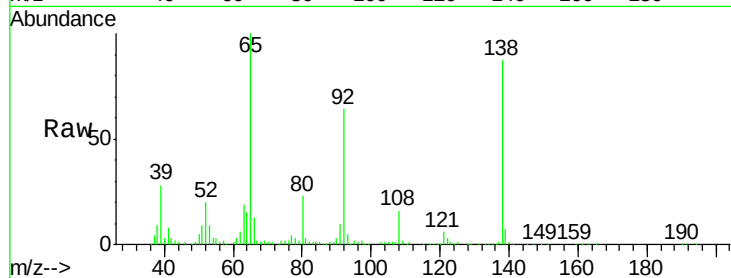
Tgt Ion: 65 Resp: 225829

Ion Ratio Lower Upper

65 100

92 63.9 53.9 80.9

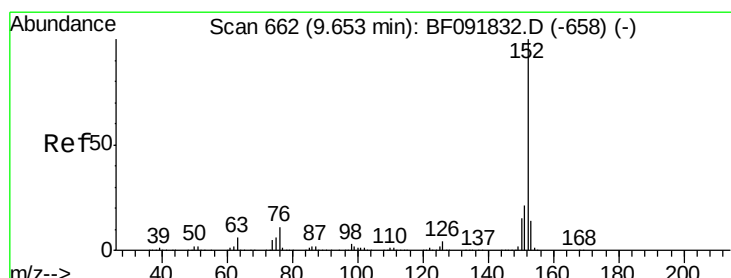
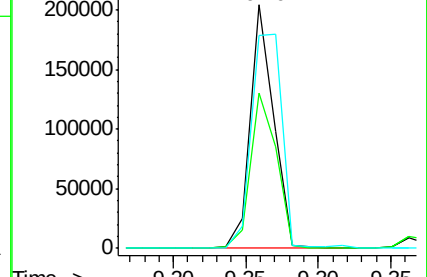
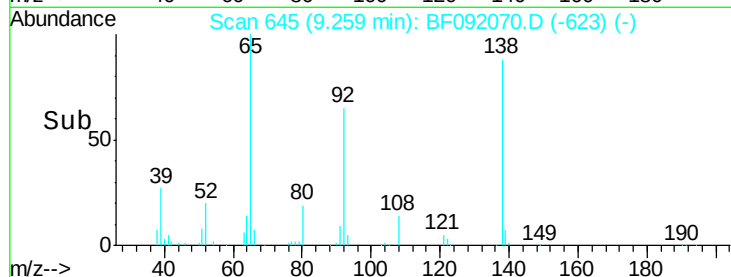
138 87.5 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 35.61 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

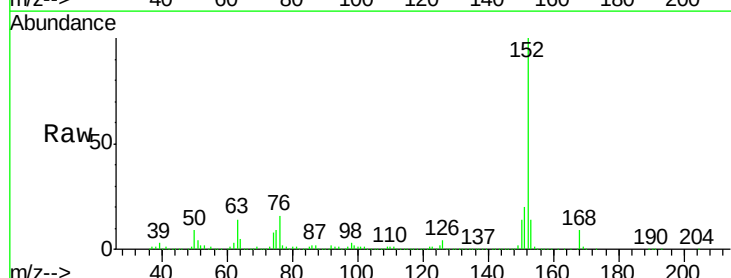
Tgt Ion: 152 Resp: 1036856

Ion Ratio Lower Upper

152 100

151 20.0 16.9 25.3

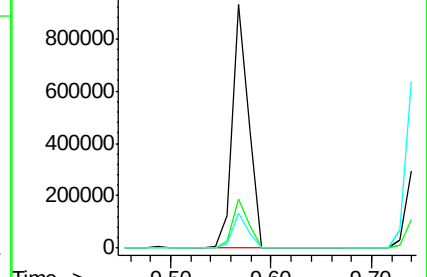
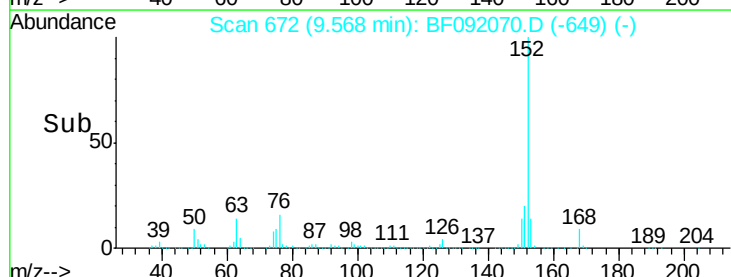
153 14.3 11.4 17.2

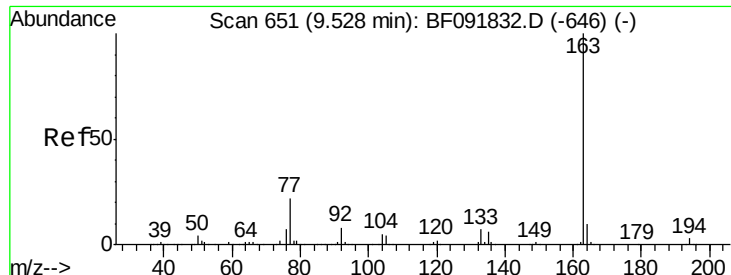


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

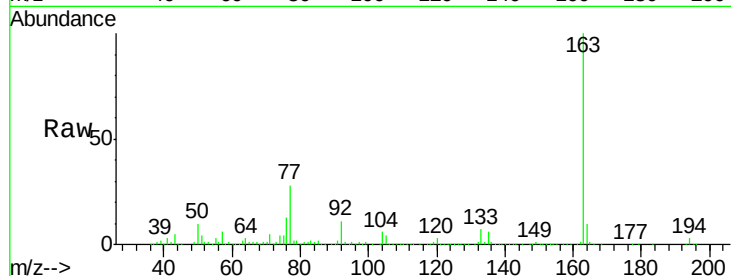




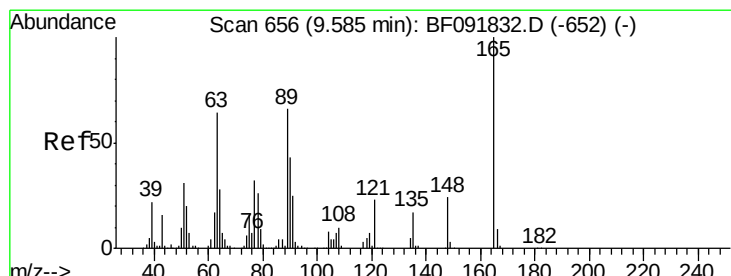
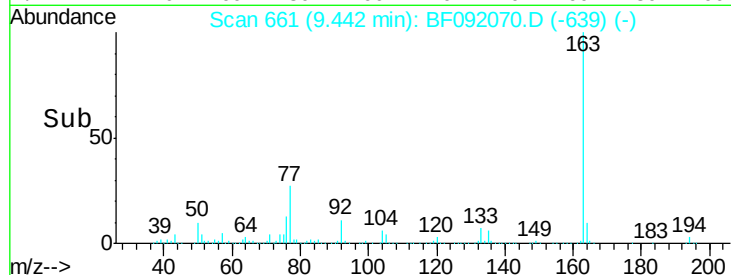
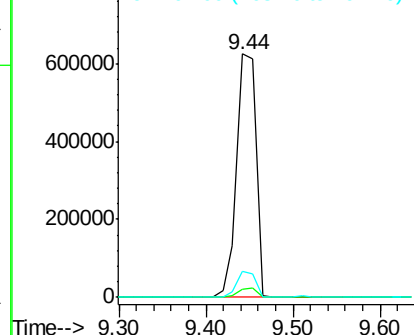
#49
Dimethylphthalate
Concen: 42.94 ng
RT: 9.44 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tgt Ion:163 Resp: 958957
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.4 8.0 12.0

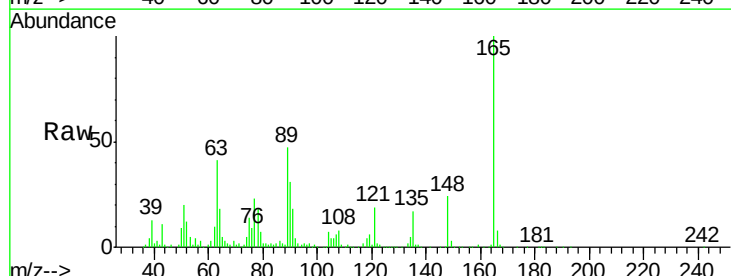


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

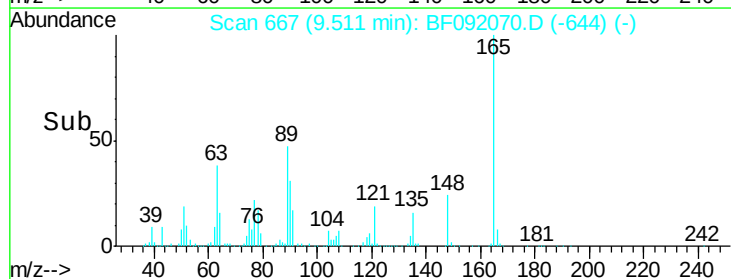
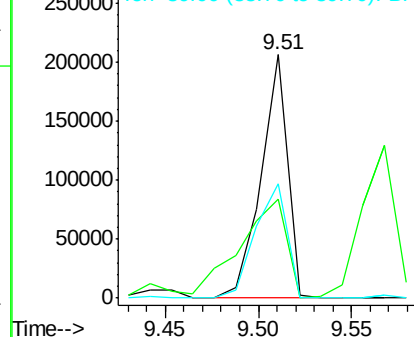


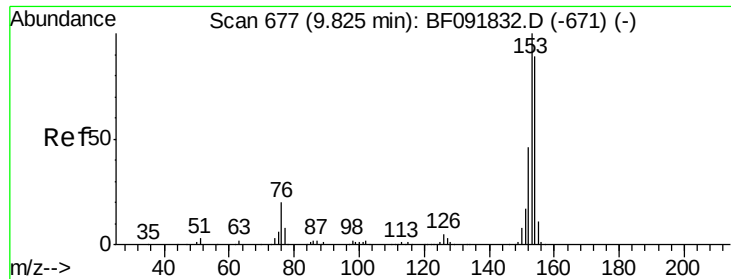
#50
2,6-Dinitrotoluene
Concen: 41.06 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Tgt Ion:165 Resp: 200716
Ion Ratio Lower Upper
165 100
63 40.8 36.2 54.4
89 46.8 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: 32.94 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.05 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

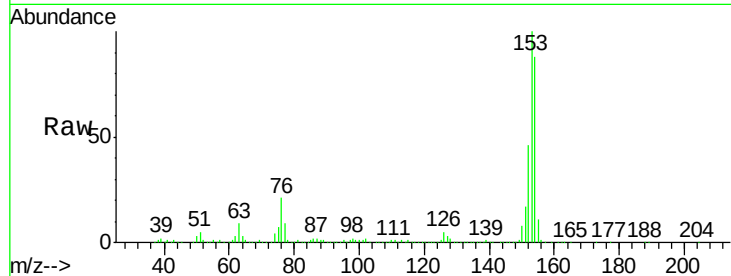
Tgt Ion:154 Resp: 650407

Ion Ratio Lower Upper

154 100

153 113.5 88.6 133.0

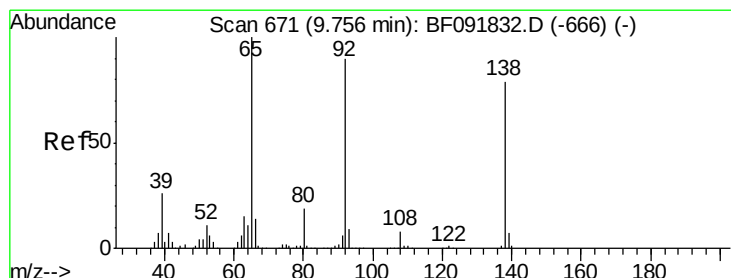
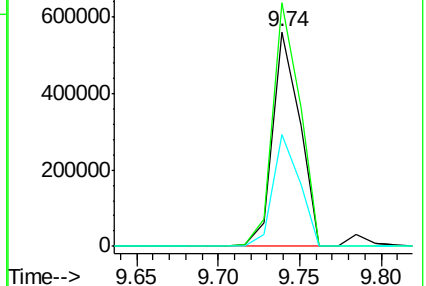
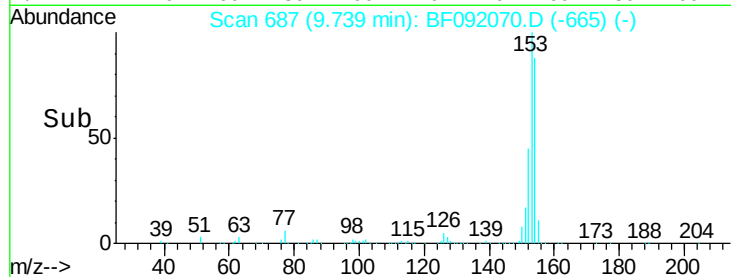
152 52.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.66 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.05 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

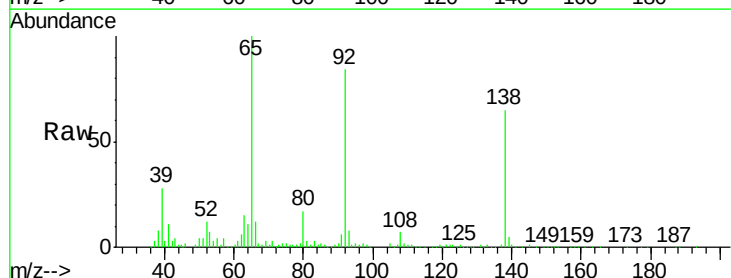
Tgt Ion:138 Resp: 143106

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

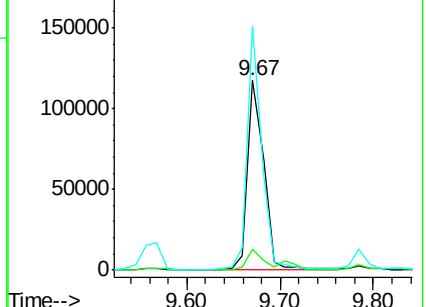
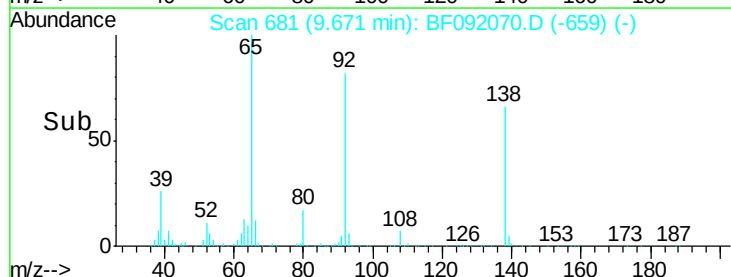
92 128.5 97.8 146.8

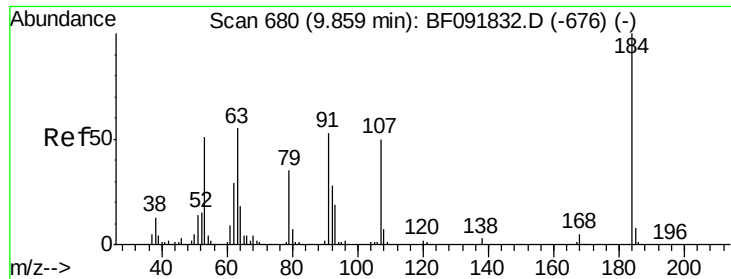


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

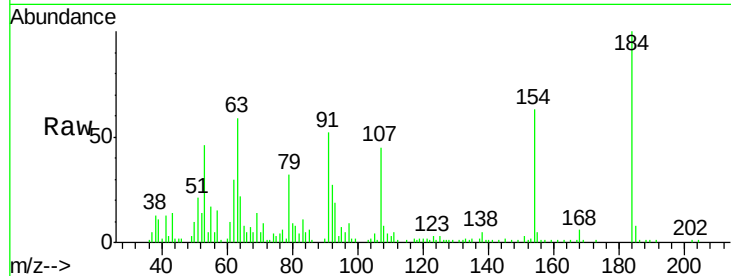




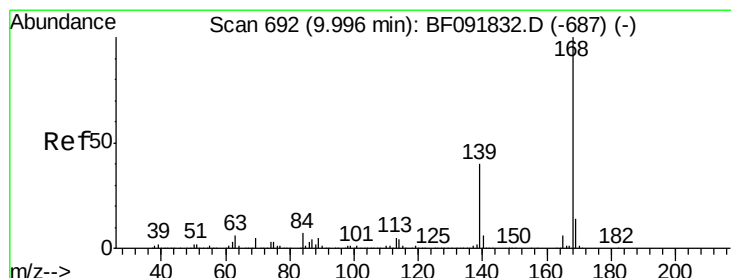
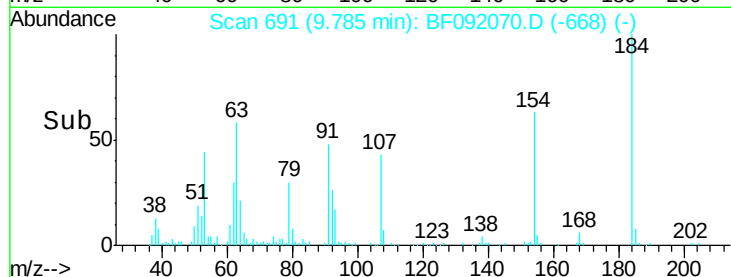
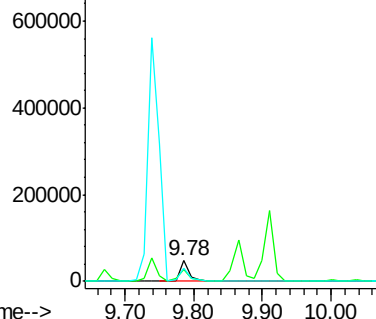
#53
2,4-Dinitrophenol
Concen: 19.26 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tgt Ion:184 Resp: 52399
Ion Ratio Lower Upper
184 100
63 59.4 28.4 42.6#
154 62.8 44.3 66.5

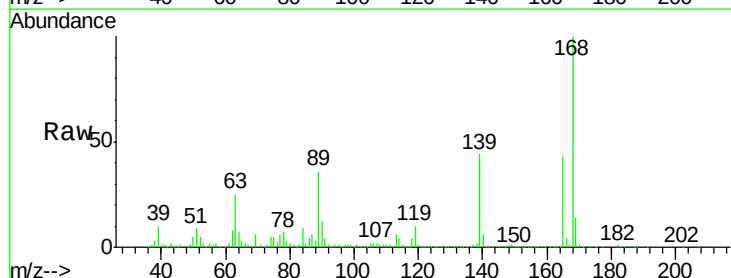


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

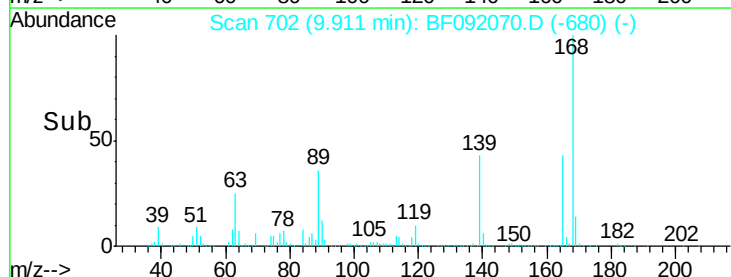
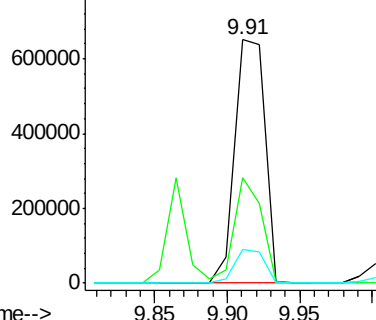


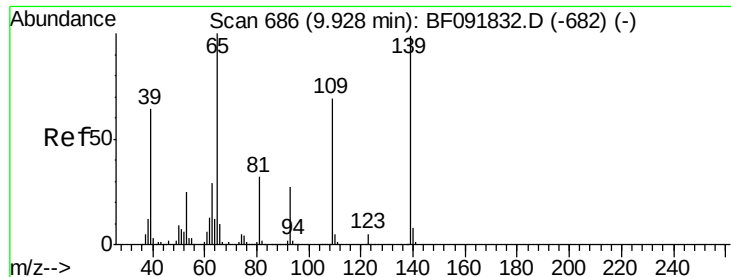
#54
Dibenzofuran
Concen: 35.15 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.05 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Tgt Ion:168 Resp: 937232
Ion Ratio Lower Upper
168 100
139 43.5 32.6 49.0
169 13.9 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

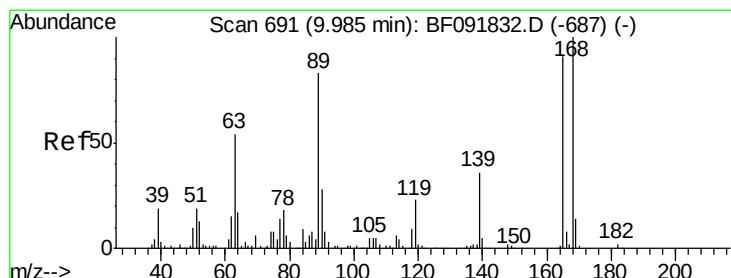
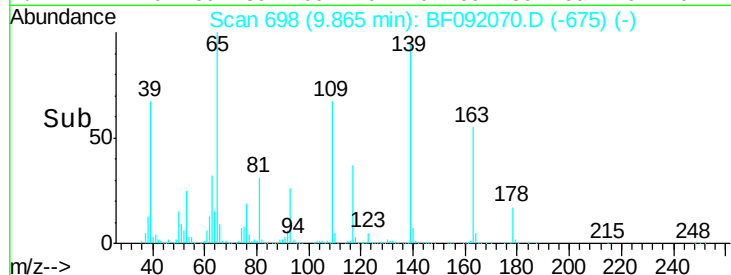
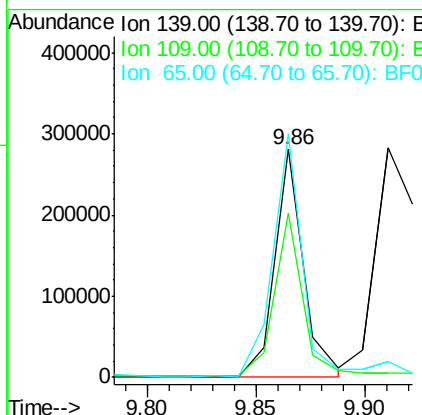
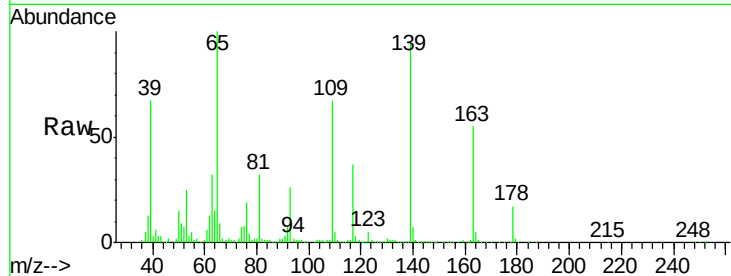




#55
4-Nitrophenol
Concen: 62.75 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

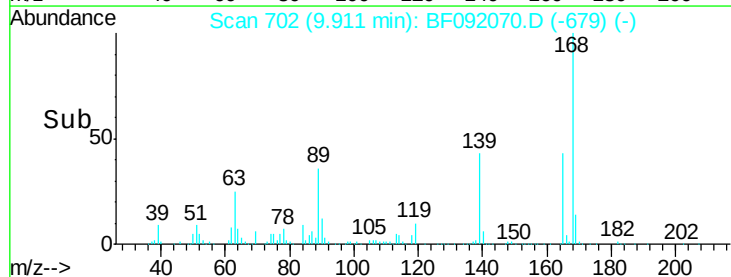
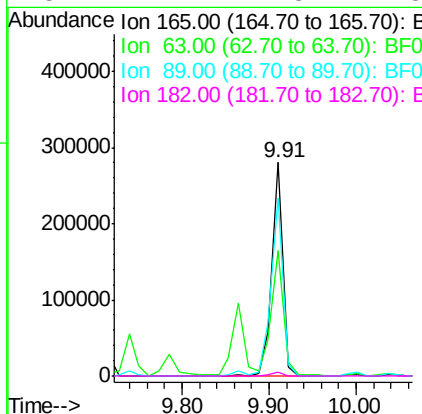
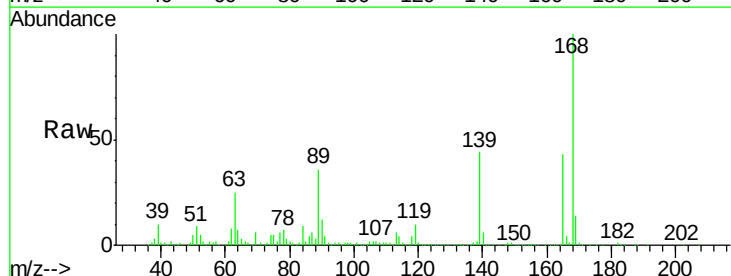
Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

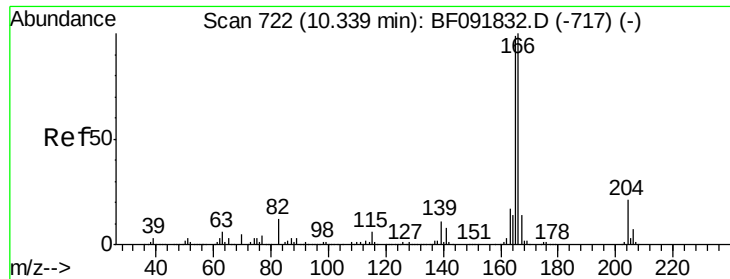
Tgt Ion:139 Resp: 257764
Ion Ratio Lower Upper
139 100
109 72.1 52.2 92.2
65 106.9 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 39.84 ng
RT: 9.91 min Scan# 702
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Tgt Ion:165 Resp: 244450
Ion Ratio Lower Upper
165 100
63 58.5 40.2 60.4
89 83.5 62.5 93.7
182 2.1 1.8 2.8

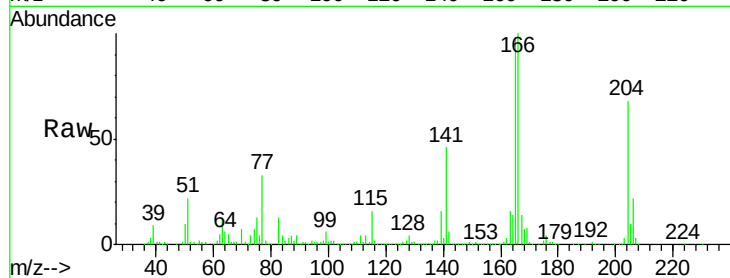




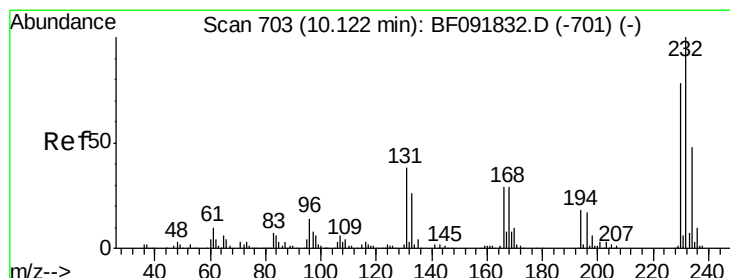
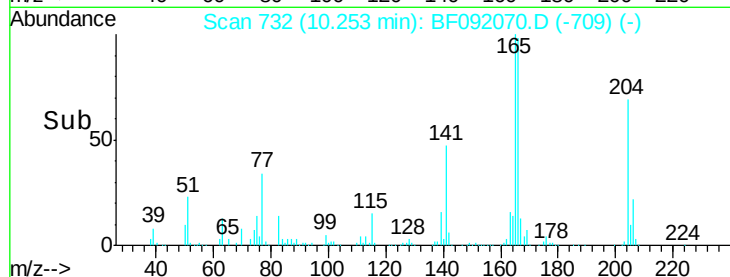
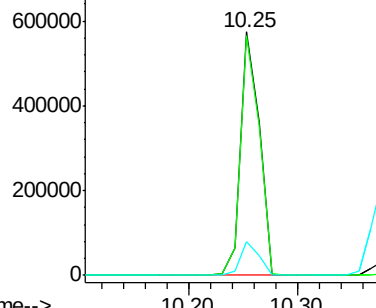
#57
Fluorene
Concen: 35.59 ng
RT: 10.25 min Scan# 732
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tgt Ion:166 Resp: 690358
Ion Ratio Lower Upper
166 100
165 98.5 77.8 116.8
167 14.0 10.8 16.2

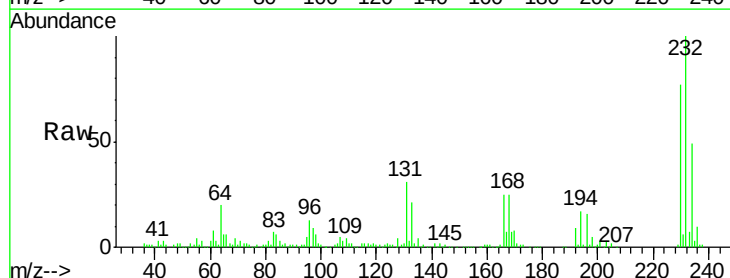


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

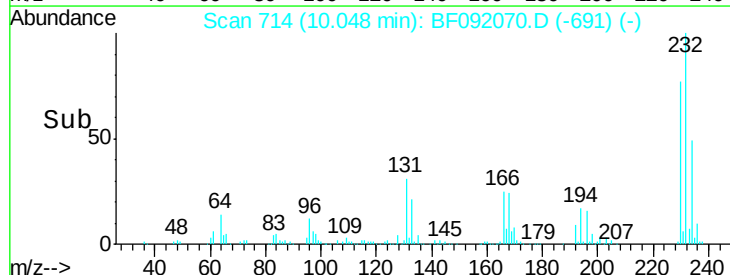
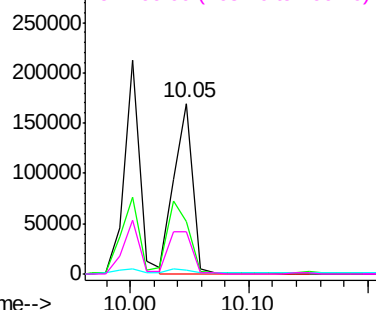


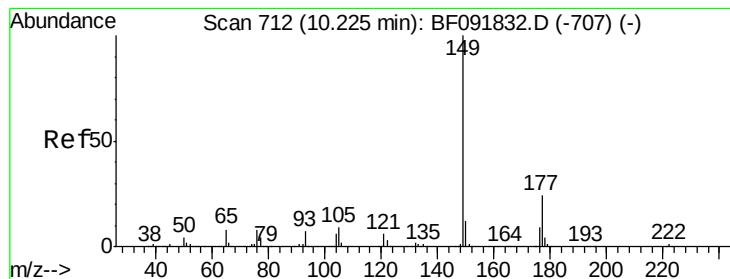
#58
2,3,4,6-Tetrachlorophenol
Concen: 37.37 ng
RT: 10.05 min Scan# 714
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Tgt Ion:232 Resp: 187666
Ion Ratio Lower Upper
232 100
131 48.7 40.1 60.1
130 2.5 1.8 2.8
166 32.3 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: 38.12 ng

RT: 10.15 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

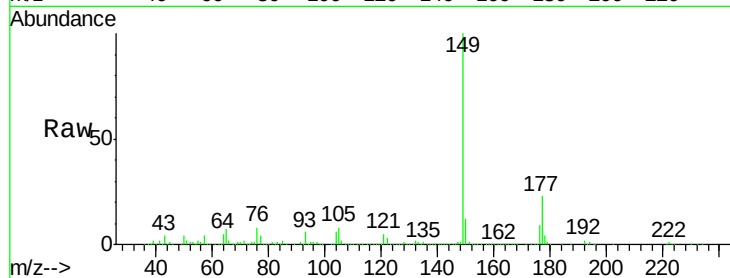
Tgt Ion:149 Resp: 826903

Ion Ratio Lower Upper

149 100

177 23.1 16.6 25.0

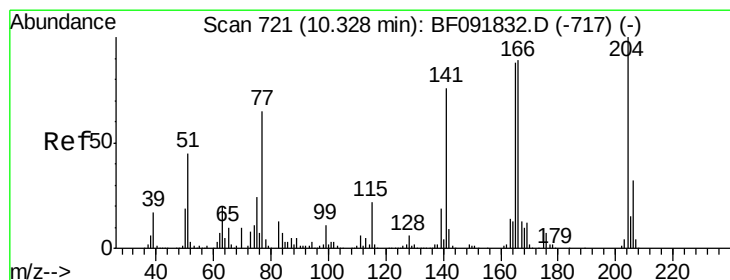
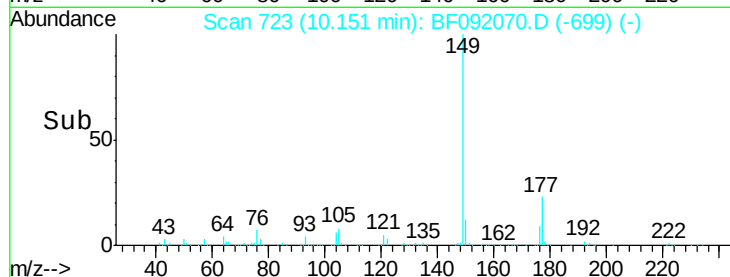
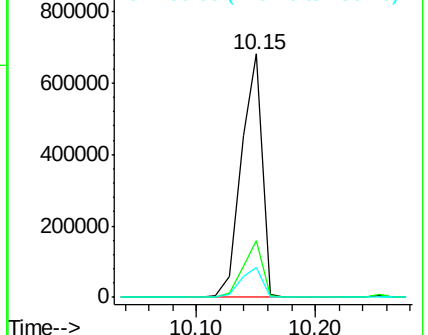
150 12.3 10.4 15.6



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: 38.41 ng

RT: 10.25 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

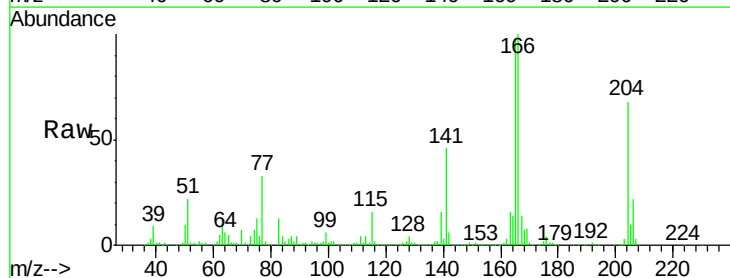
Tgt Ion:204 Resp: 326259

Ion Ratio Lower Upper

204 100

206 32.6 25.8 38.6

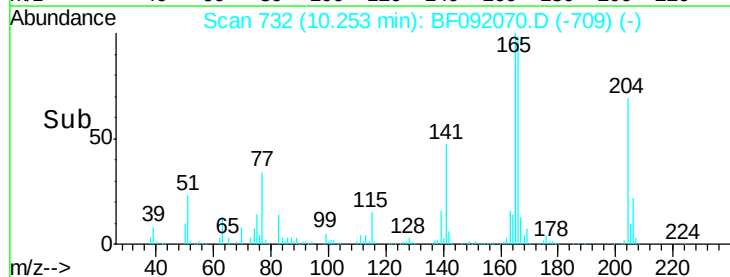
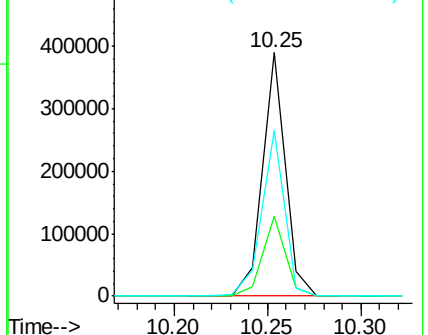
141 68.2 59.4 89.0

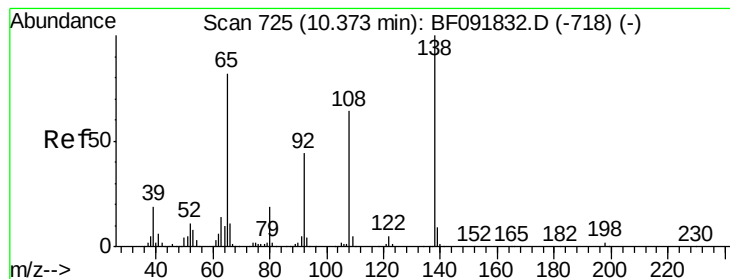


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 27.47 ng

RT: 10.29 min Scan# 735

Delta R.T. -0.05 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

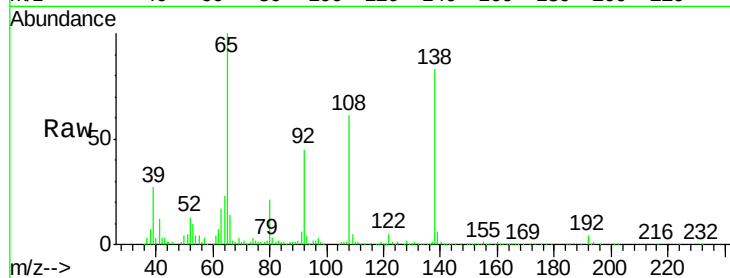
Tgt Ion:138 Resp: 172201

Ion Ratio Lower Upper

138 100

92 53.9 31.7 71.7

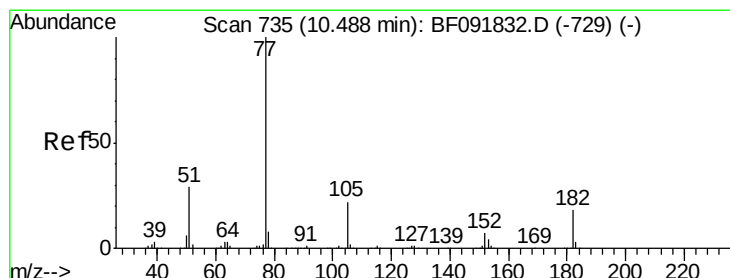
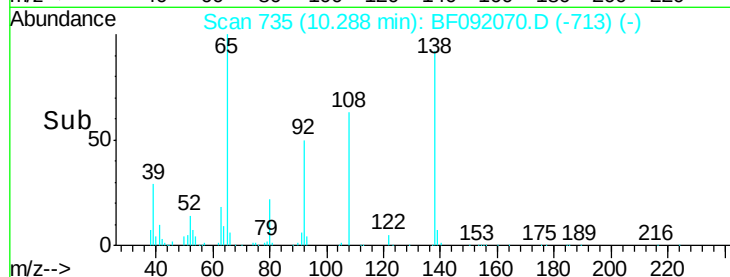
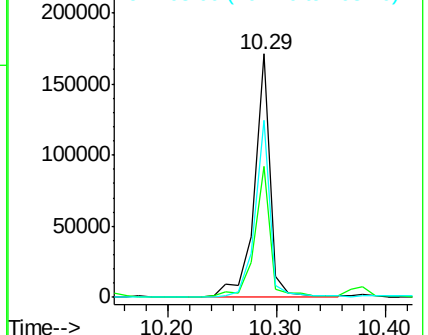
108 72.9 52.6 92.6



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: 38.37 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Tgt Ion: 77 Resp: 916416

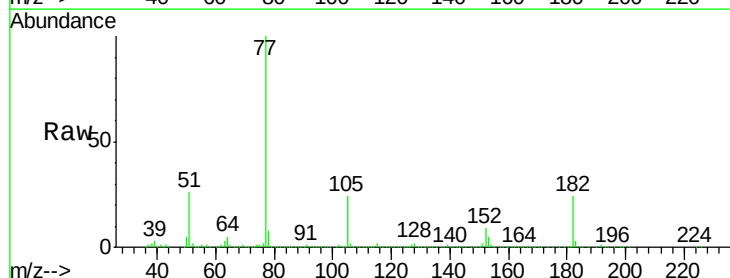
Ion Ratio Lower Upper

77 100

182 24.1 0.0 39.3

105 24.2 2.3 42.3

51 26.0 8.9 48.9

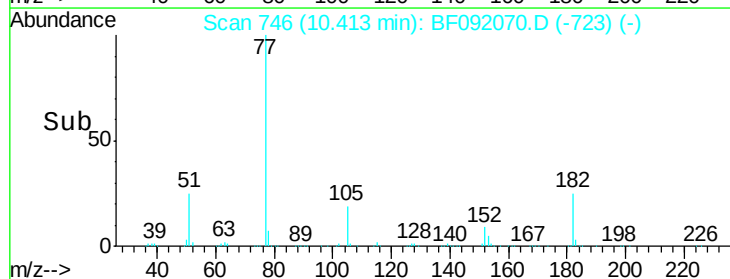
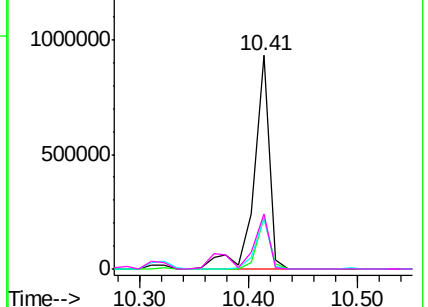


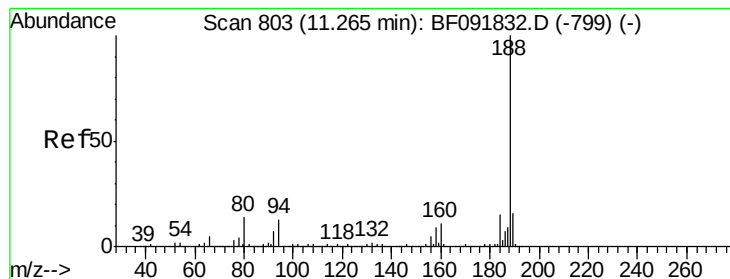
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

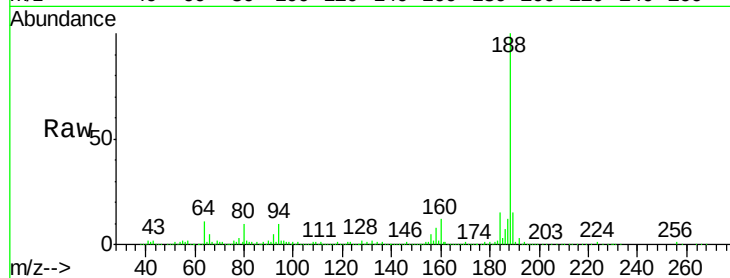
Tgt Ion:188 Resp: 487284

Ion Ratio Lower Upper

188 100

94 9.6 10.0 15.0#

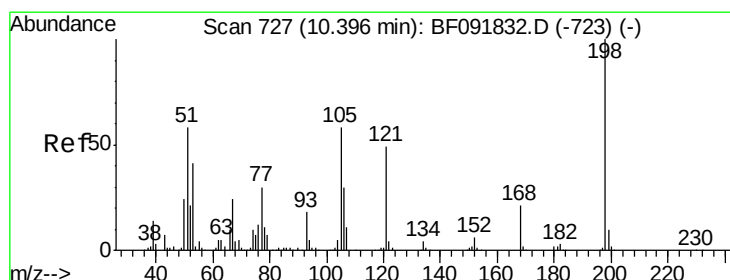
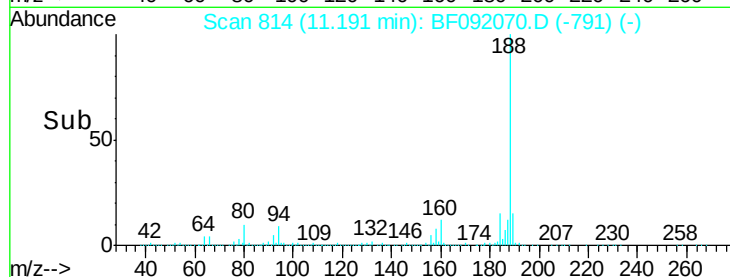
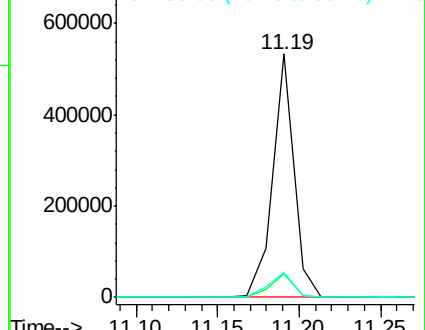
80 10.1 11.2 16.8#



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: 31.20 ng

RT: 10.32 min Scan# 738

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

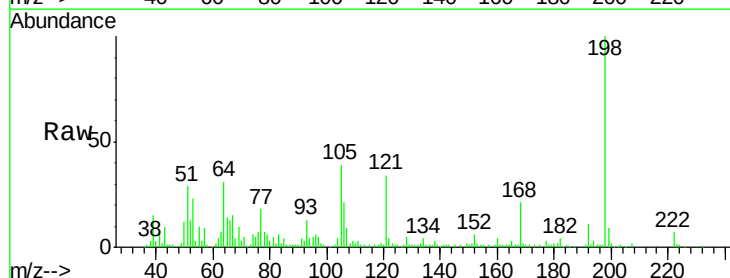
Tgt Ion:198 Resp: 91939

Ion Ratio Lower Upper

198 100

51 28.8 6.7 46.7

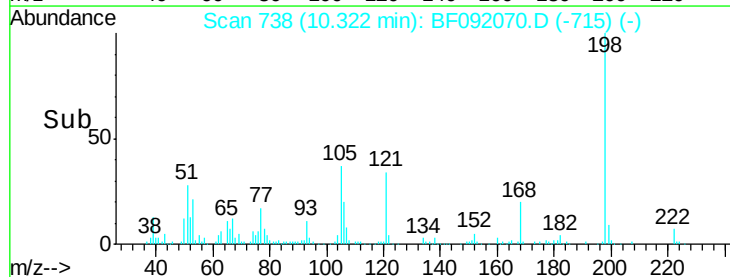
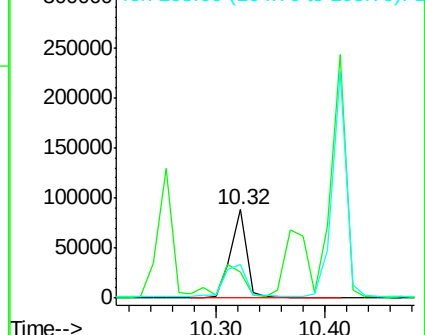
105 38.7 16.6 56.6

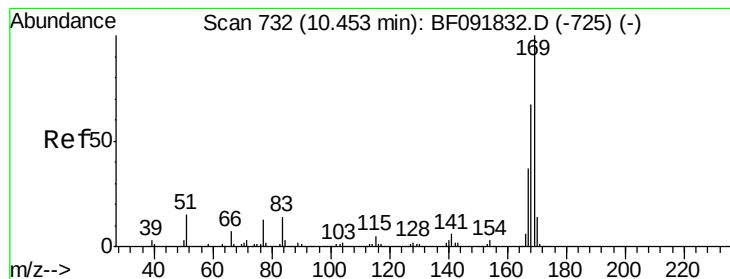


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.38 ng

RT: 10.38 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

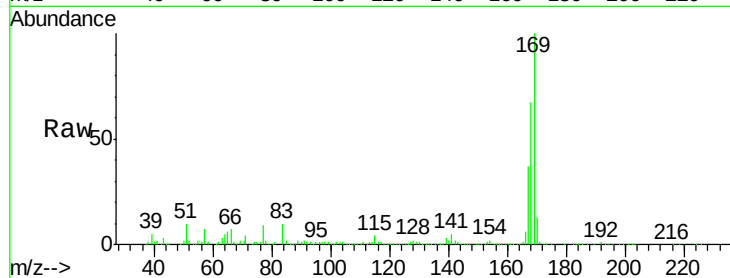
Tgt Ion:169 Resp: 670584

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.2

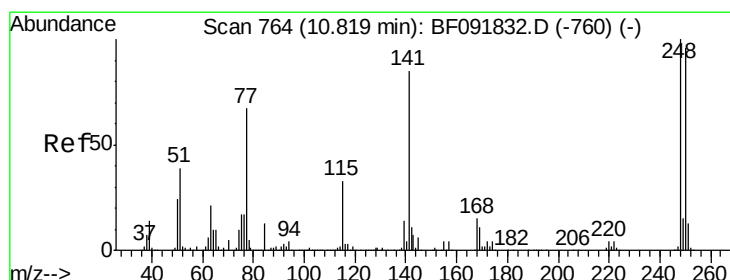
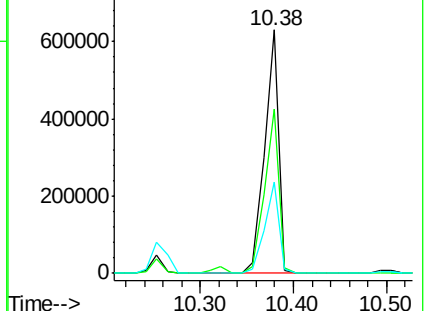
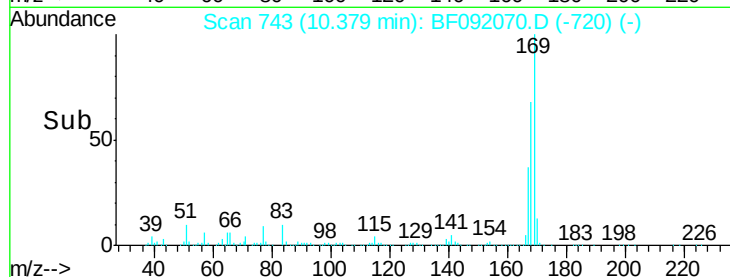
167 37.4 30.2 45.4



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: 41.27 ng

RT: 10.74 min Scan# 775

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

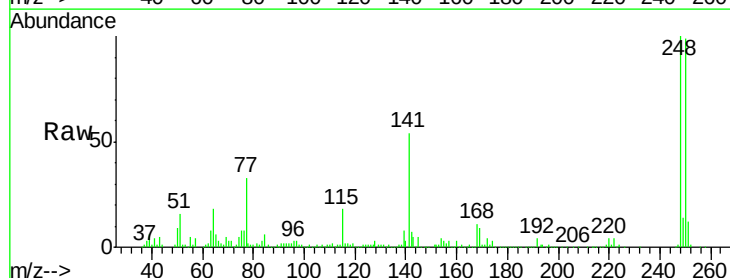
Tgt Ion:248 Resp: 209197

Ion Ratio Lower Upper

248 100

250 99.3 76.9 115.3

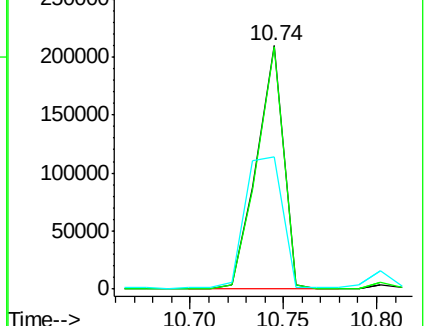
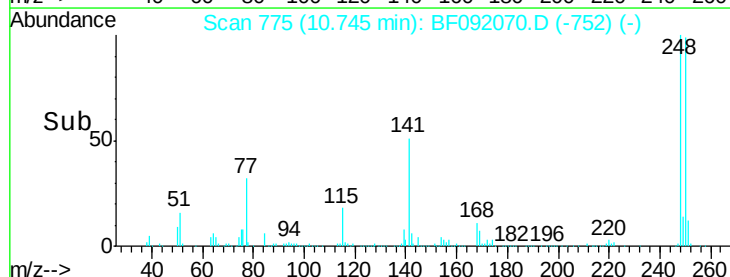
141 54.2 68.2 102.4#

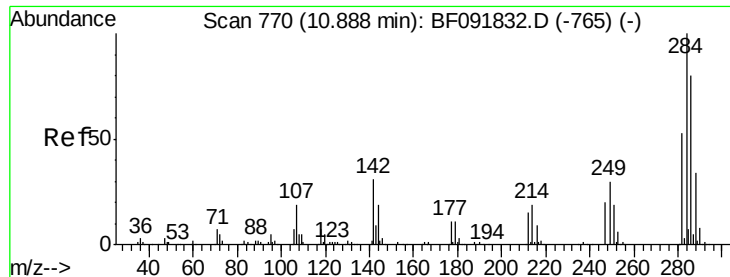


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

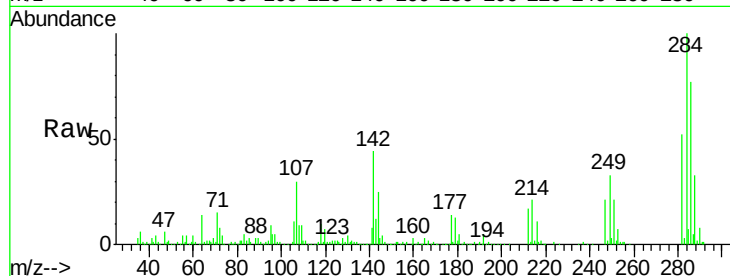




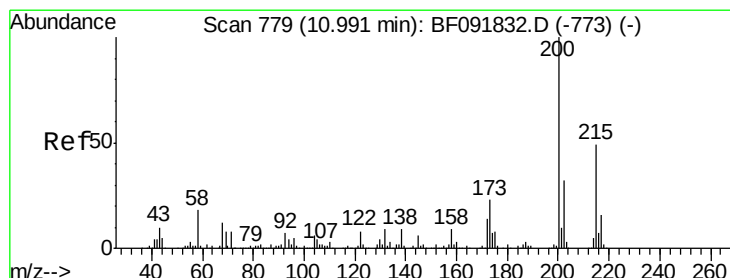
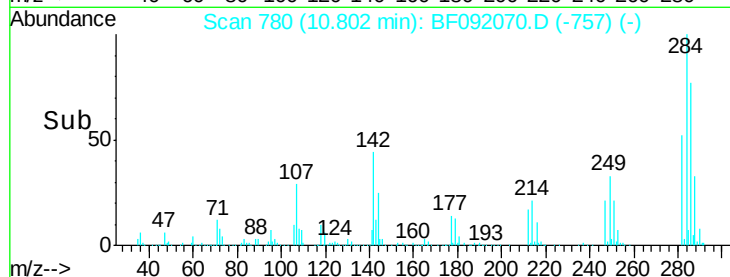
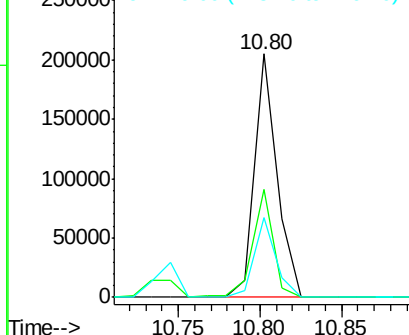
#67
Hexachlorobenzene
Concen: 36.39 ng
RT: 10.80 min Scan# 780
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

Tgt Ion:284 Resp: 197137
Ion Ratio Lower Upper
284 100
142 44.2 22.6 33.8#
249 32.9 25.4 38.0

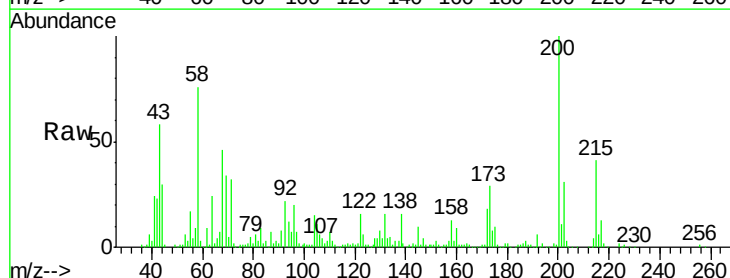


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

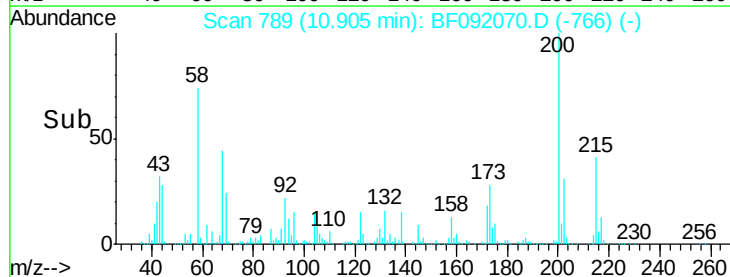
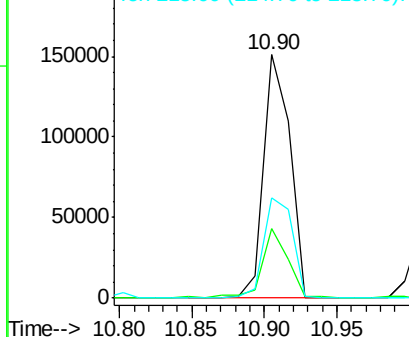


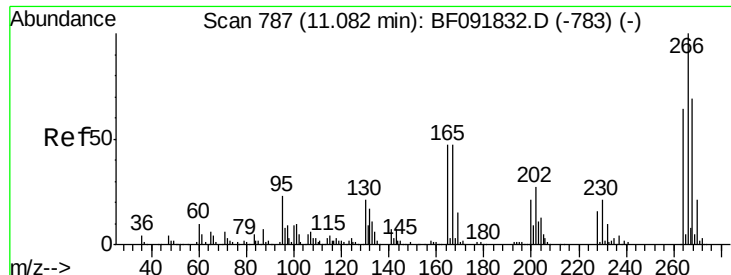
#68
Atrazine
Concen: 40.72 ng
RT: 10.90 min Scan# 789
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Tgt Ion:200 Resp: 189934
Ion Ratio Lower Upper
200 100
173 28.7 9.6 49.6
215 41.4 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

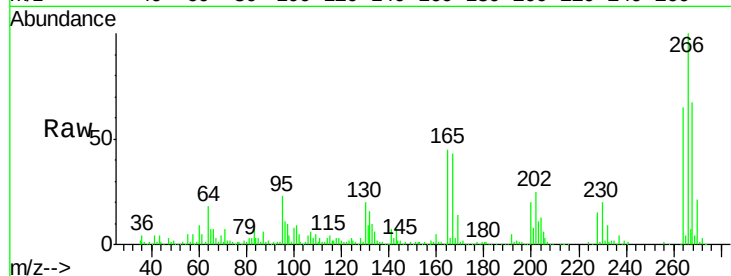




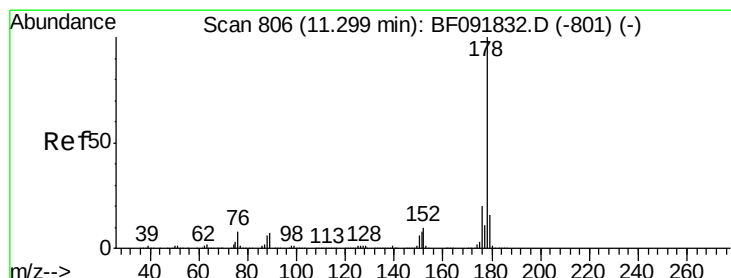
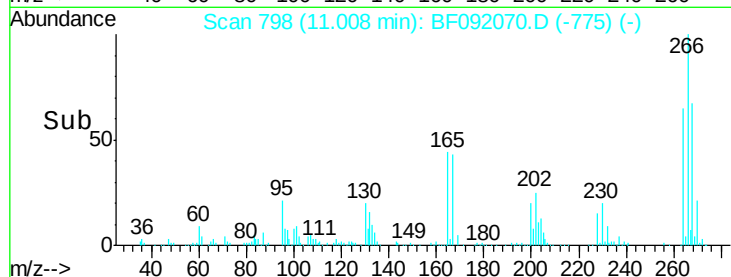
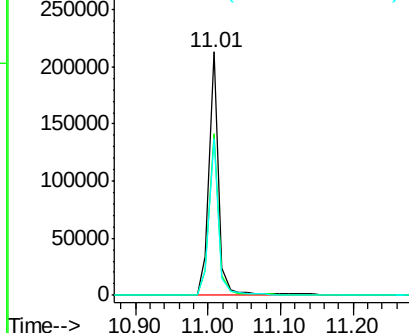
#69
 Pentachlorophenol
 Concen: 75.64 ng
 RT: 11.01 min Scan# 798
 Delta R.T. -0.04 min
 Lab File: BF092070.D
 Acq: 3 Jan 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

Tgt Ion:266 Resp: 201089
 Ion Ratio Lower Upper
 266 100
 268 66.5 53.3 79.9
 264 64.6 50.3 75.5

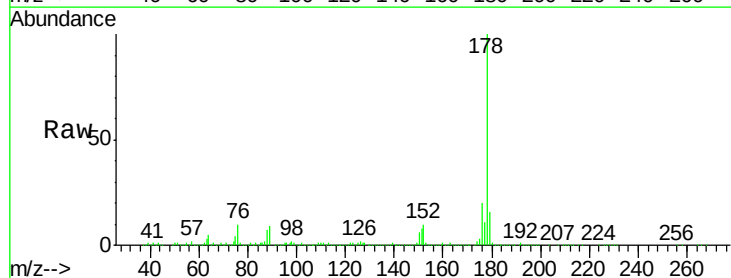


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

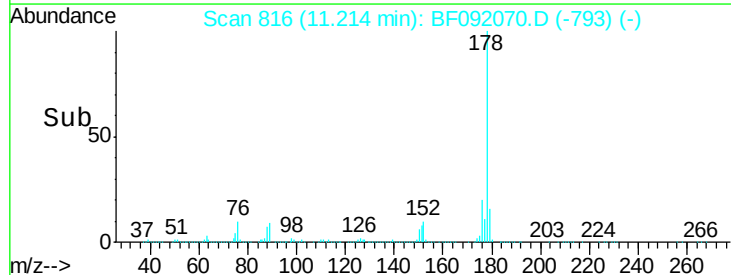
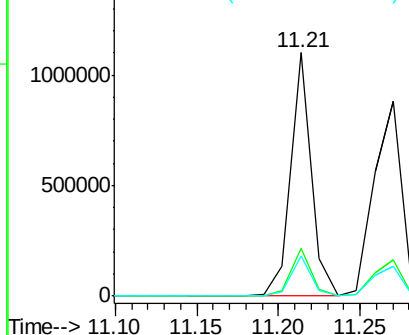


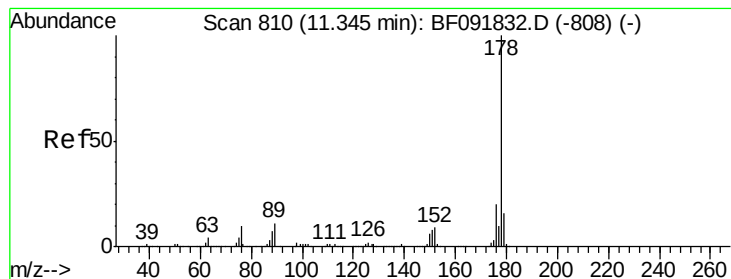
#70
 Phenanthrene
 Concen: 36.63 ng
 RT: 11.21 min Scan# 816
 Delta R.T. -0.04 min
 Lab File: BF092070.D
 Acq: 3 Jan 2017 19:42

Tgt Ion:178 Resp: 967909
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 16.3 12.8 19.2



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





#71

Anthracene

Concen: 42.91 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

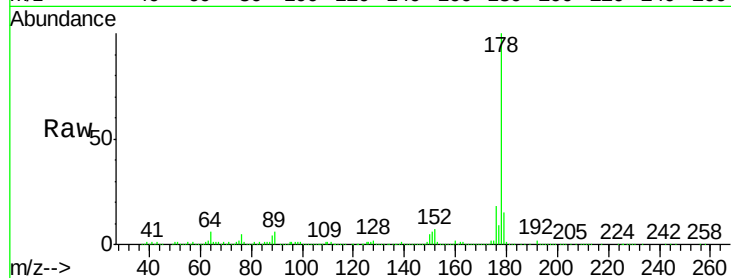
Tgt Ion:178 Resp: 1021416

Ion Ratio Lower Upper

178 100

176 18.4 15.9 23.9

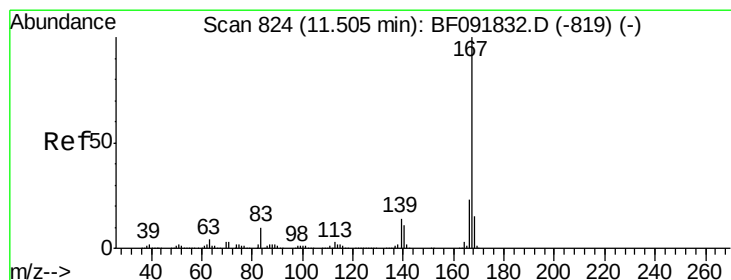
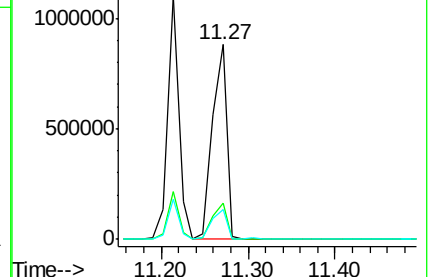
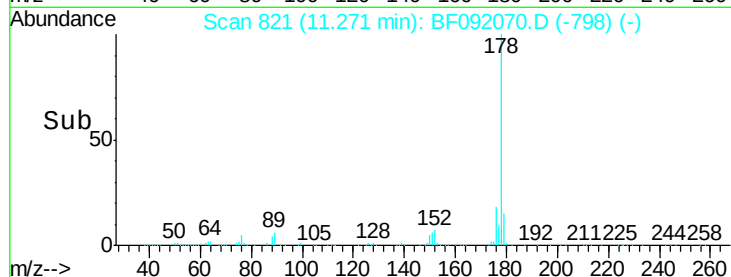
179 15.1 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.15 ng

RT: 11.43 min Scan# 835

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

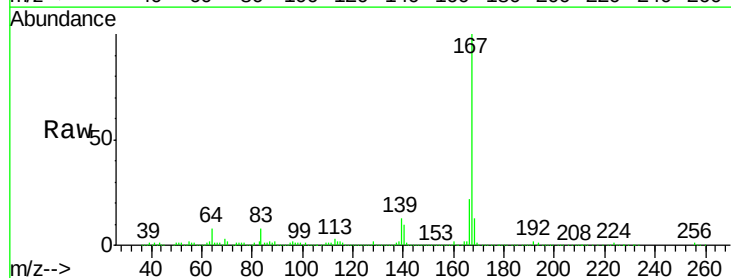
Tgt Ion:167 Resp: 915688

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

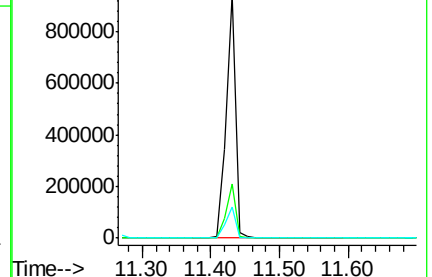
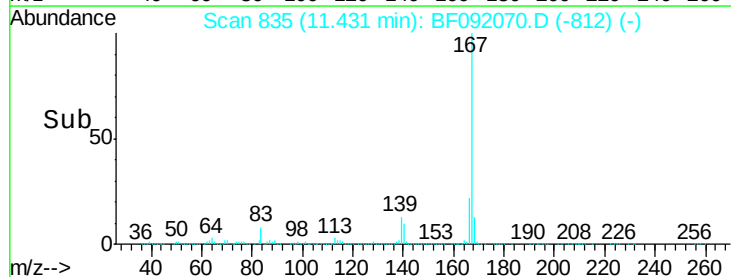
139 12.8 11.4 17.2

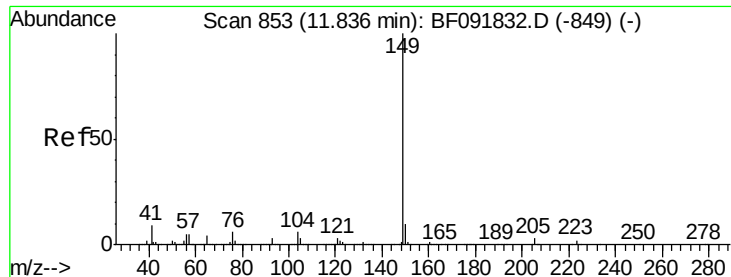


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.87 ng

RT: 11.77 min Scan# 865

Delta R.T. -0.03 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

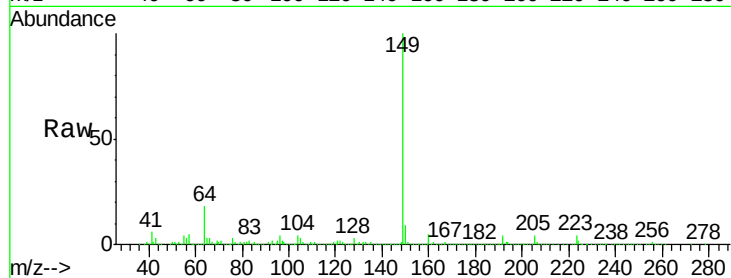
Tgt Ion:149 Resp: 1078135

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

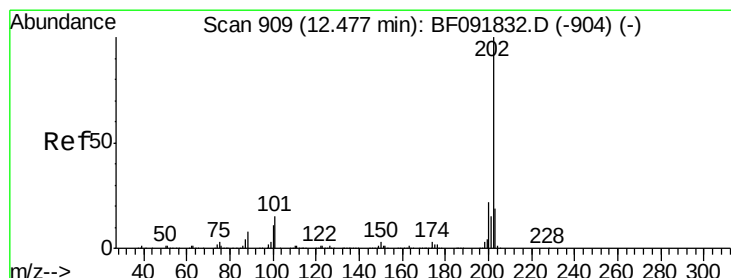
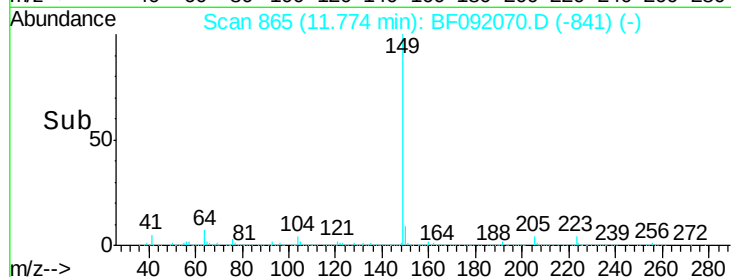
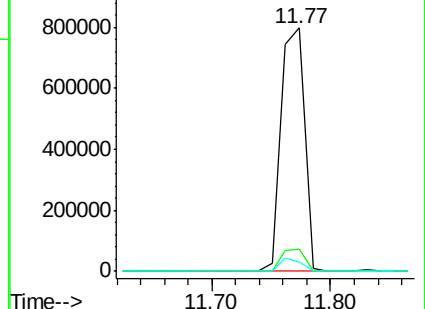
104 4.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.84 ng

RT: 12.41 min Scan# 921

Delta R.T. -0.03 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

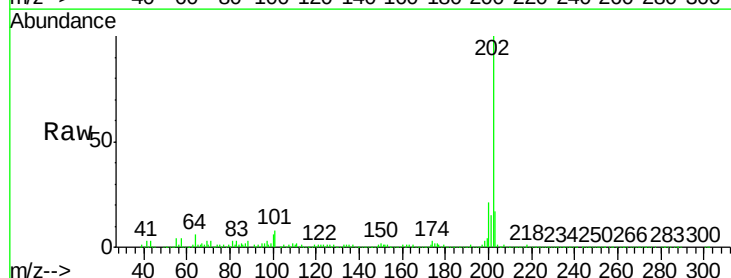
Tgt Ion:202 Resp: 933770

Ion Ratio Lower Upper

202 100

101 7.9 0.0 34.6

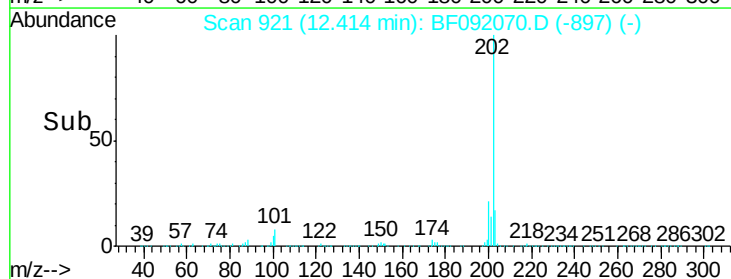
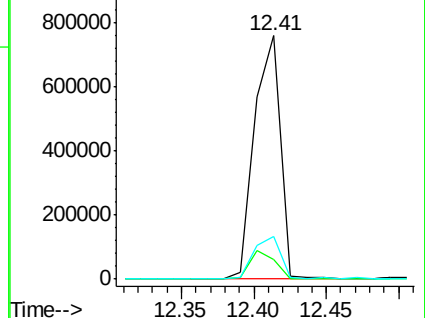
203 17.4 0.0 38.7

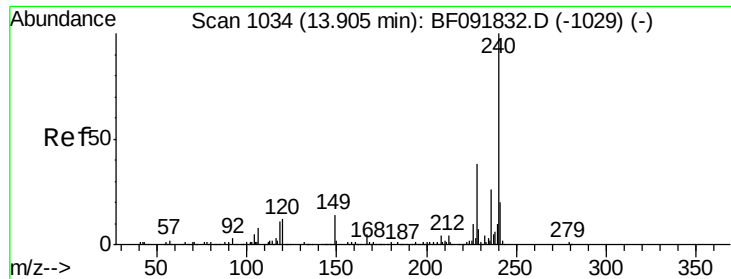


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

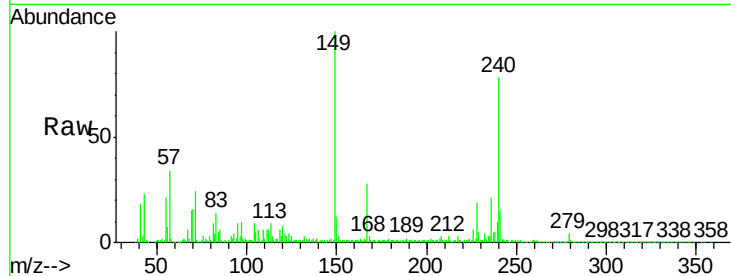
Tgt Ion:240 Resp: 318325

Ion Ratio Lower Upper

240 100

120 9.9 12.9 19.3#

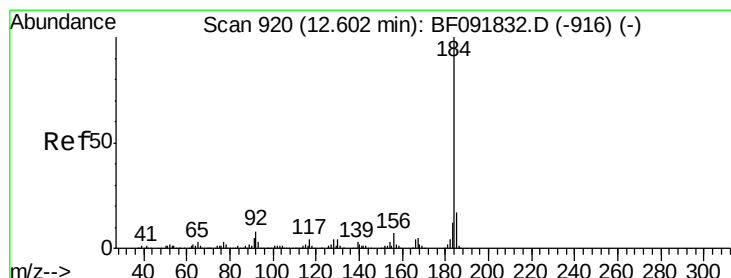
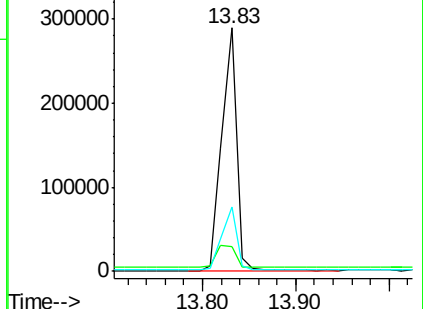
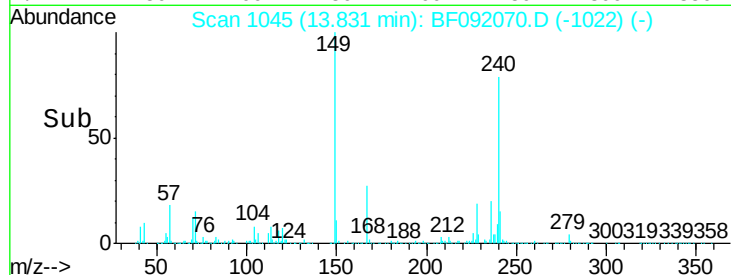
236 26.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.79 ng

RT: 12.53 min Scan# 931

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

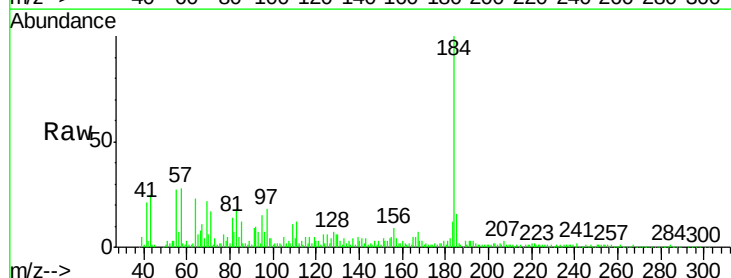
Tgt Ion:184 Resp: 180501

Ion Ratio Lower Upper

184 100

185 16.5 13.4 20.0

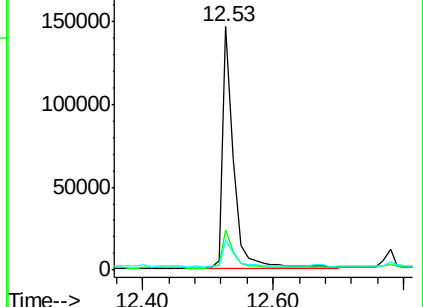
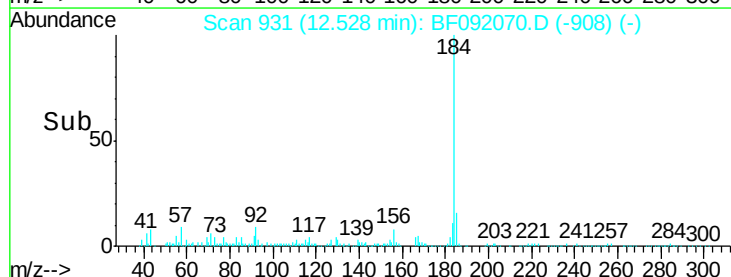
183 12.4 9.2 13.8

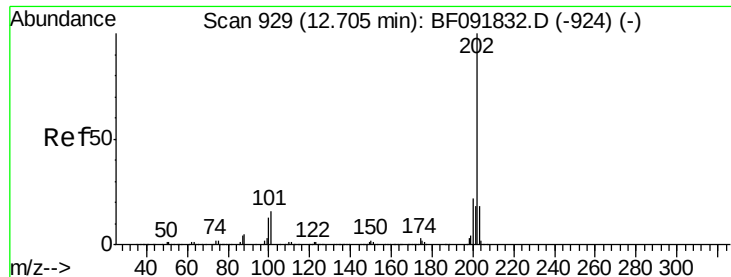


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.84 ng

RT: 12.63 min Scan# 940

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

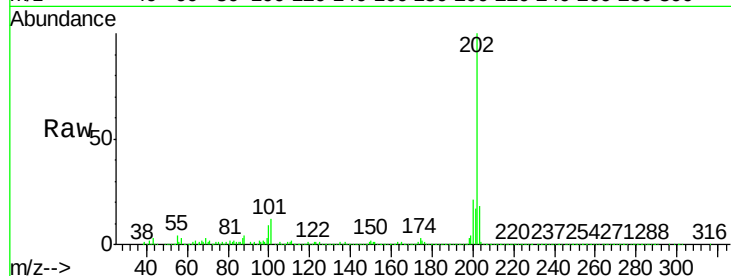
Tgt Ion:202 Resp: 953926

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

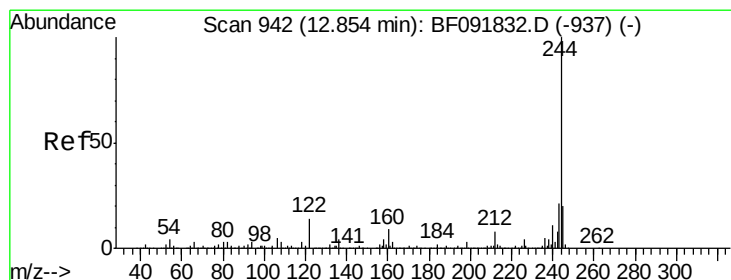
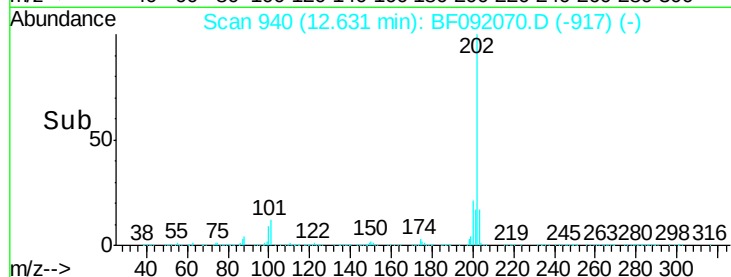
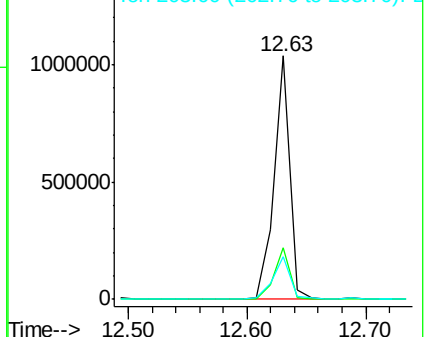
203 17.7 14.7 22.1



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: 60.12 ng

RT: 12.78 min Scan# 953

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

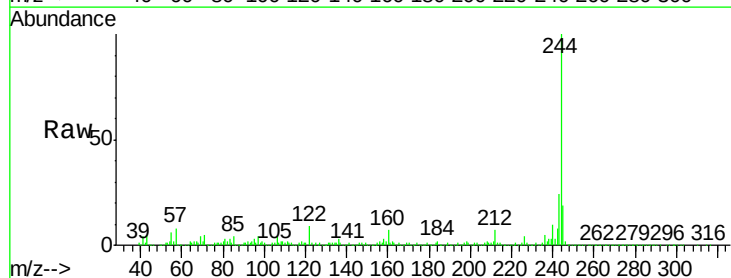
Tgt Ion:244 Resp: 789112

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

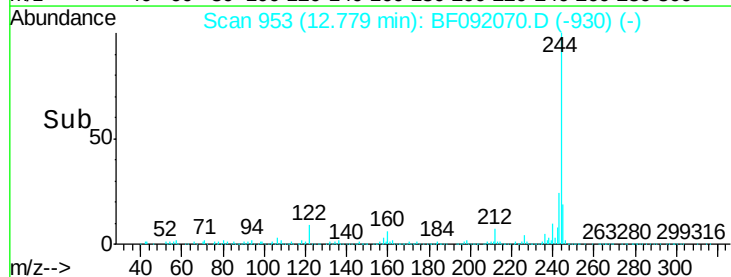
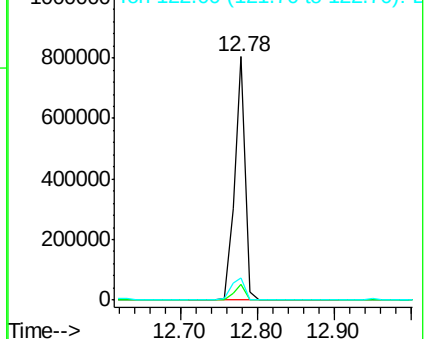
122 8.9 11.4 17.2#

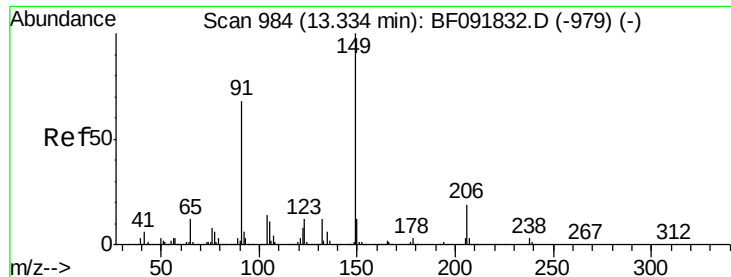


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

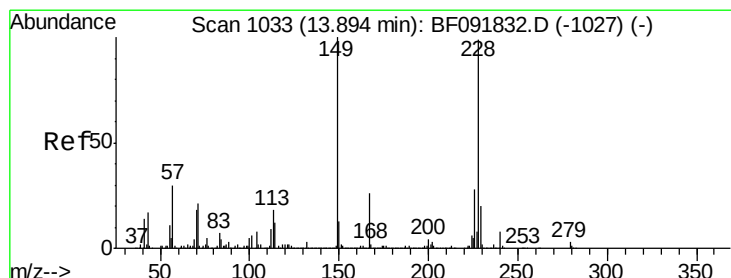
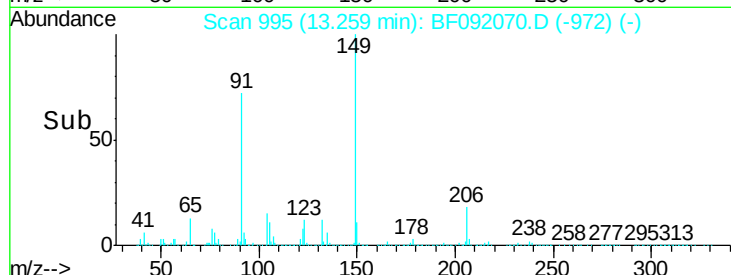
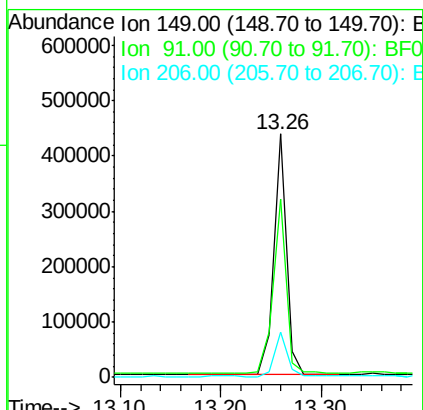
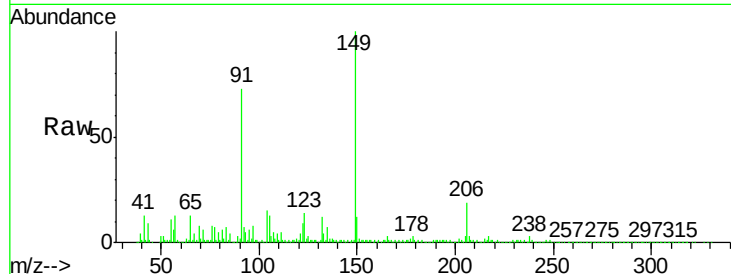




#79
Butylbenzylphthalate
Concen: 35.87 ng
RT: 13.26 min Scan# 995
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

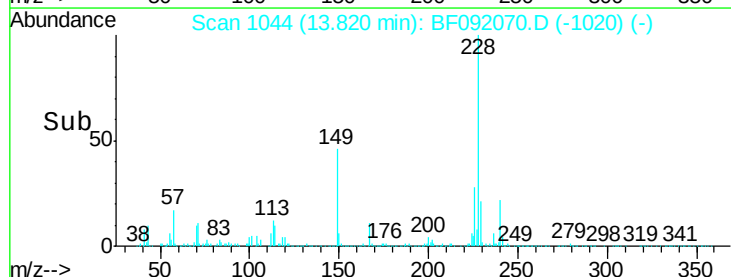
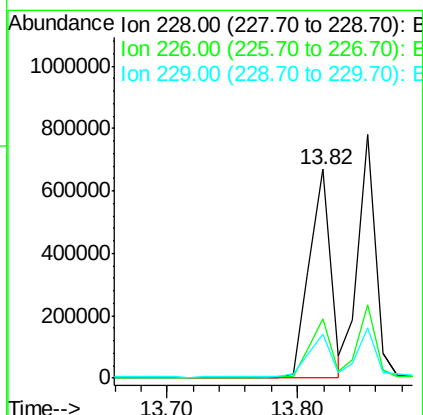
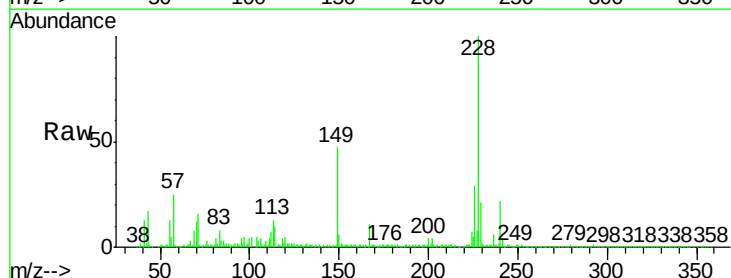
Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

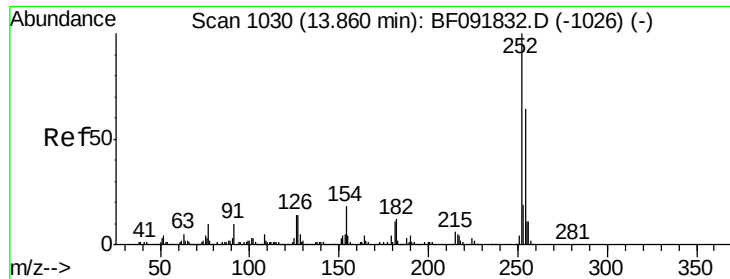
Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.3	63.9	95.9
206	18.7	14.6	21.8



#80
Benzo(a)anthracene
Concen: 41.64 ng
RT: 13.82 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.9	16.2	24.4

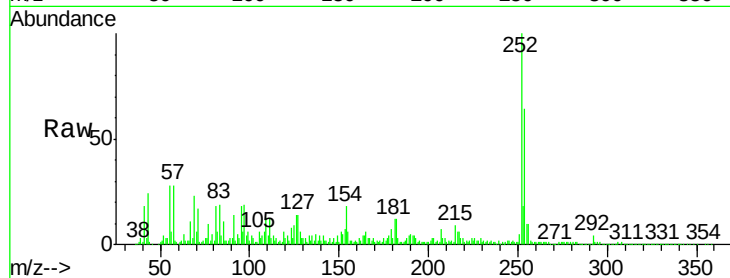




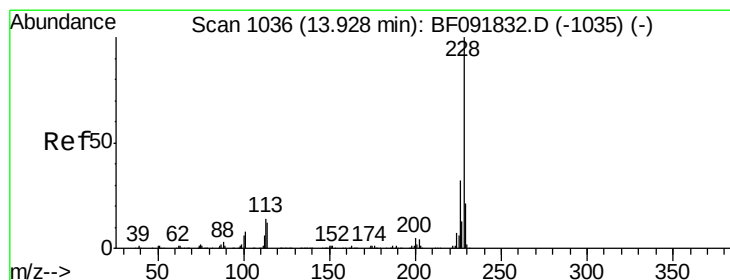
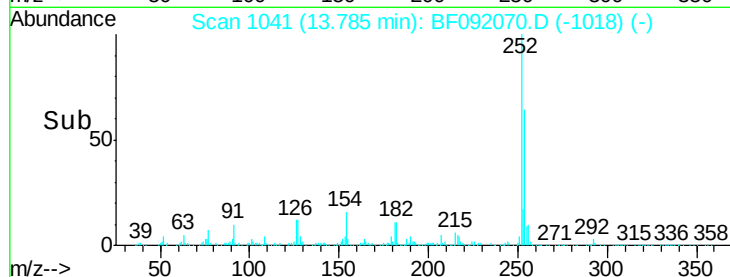
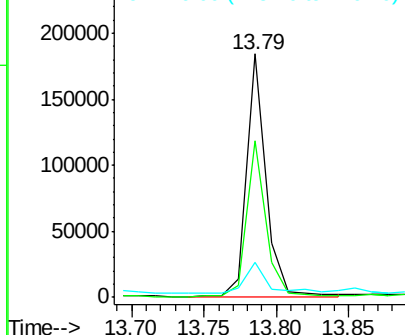
#81
 3,3'-Dichlorobenzidine
 Concen: 24.92 ng
 RT: 13.79 min Scan# 1041
 Delta R.T. -0.04 min
 Lab File: BF092070.D
 Acq: 3 Jan 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

Tgt Ion:252 Resp: 169812
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.3 78.5
 126 14.3 13.6 20.4

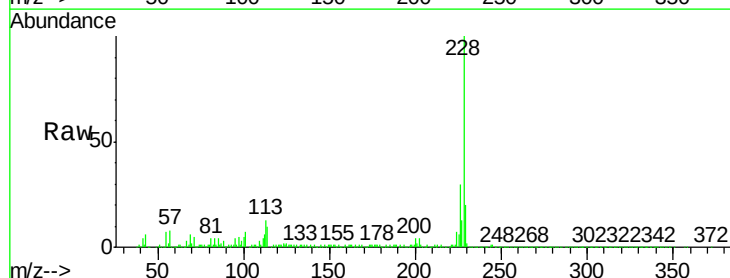


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

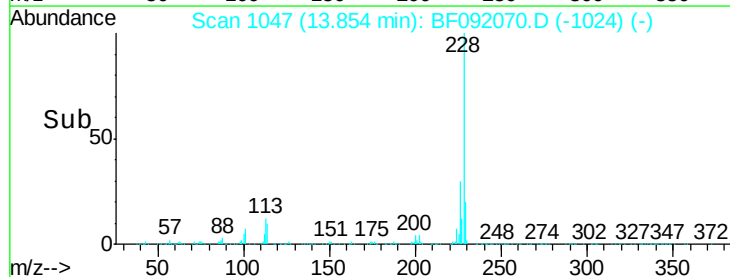
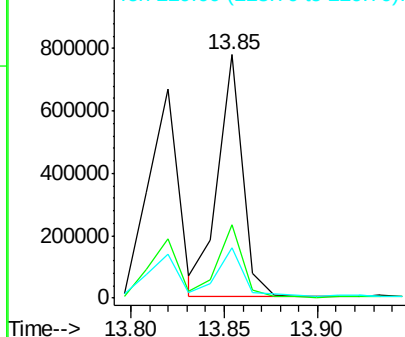


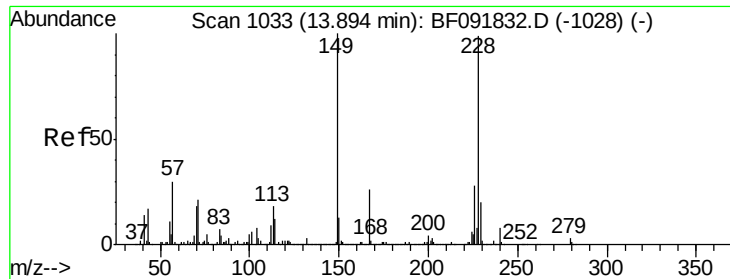
#82
 Chrysene
 Concen: 39.78 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. -0.04 min
 Lab File: BF092070.D
 Acq: 3 Jan 2017 19:42

Tgt Ion:228 Resp: 717016
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.4 38.0
 229 20.4 16.2 24.2



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

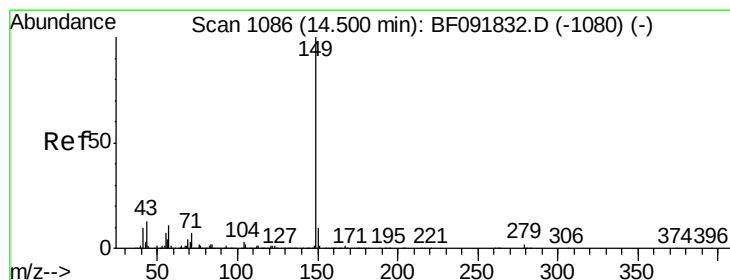
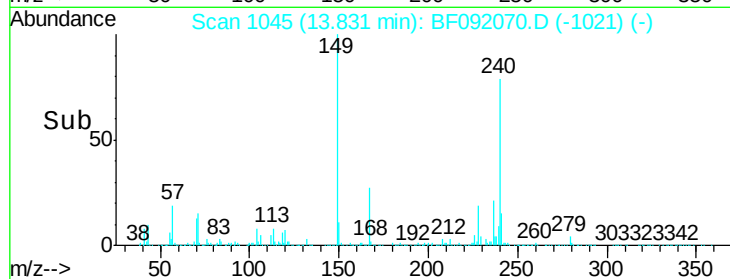
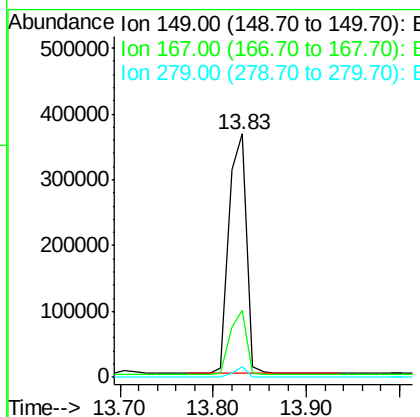
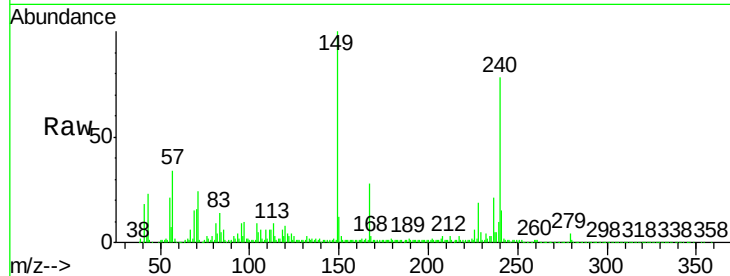




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.50 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. -0.03 min
 Lab File: BF092070.D
 Acq: 3 Jan 2017 19:42

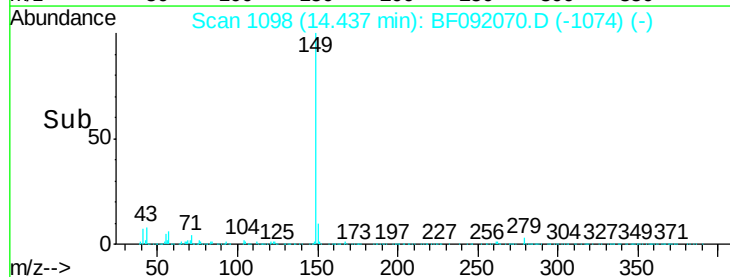
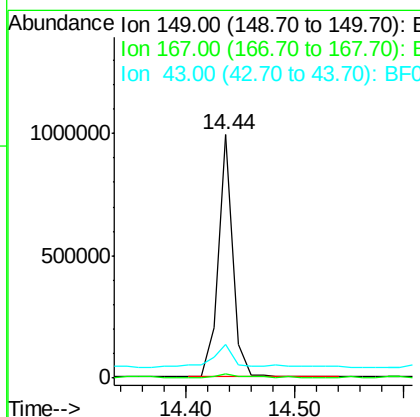
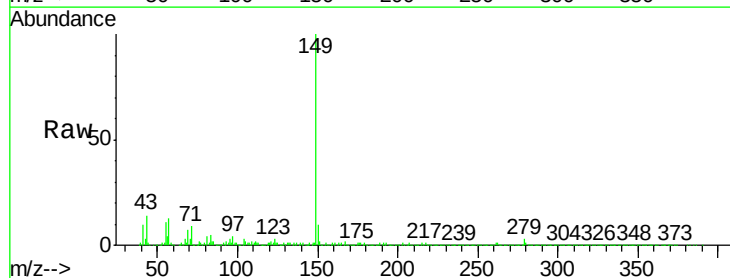
Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

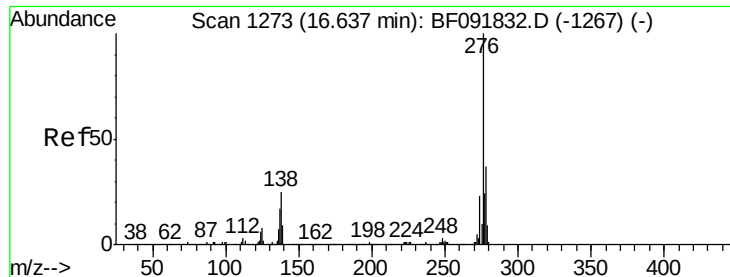
Tgt Ion:149 Resp: 481565
 Ion Ratio Lower Upper
 149 100
 167 27.6 20.2 30.4
 279 4.3 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 39.36 ng
 RT: 14.44 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BF092070.D
 Acq: 3 Jan 2017 19:42

Tgt Ion:149 Resp: 912015
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.8 8.9 13.3

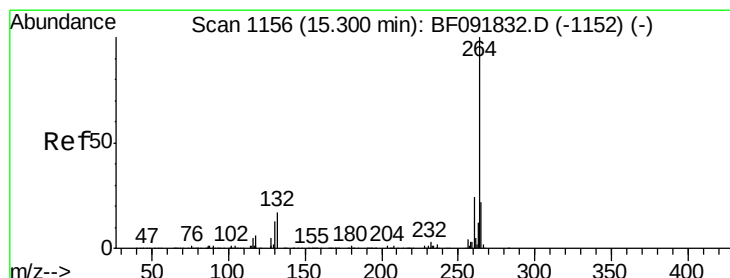
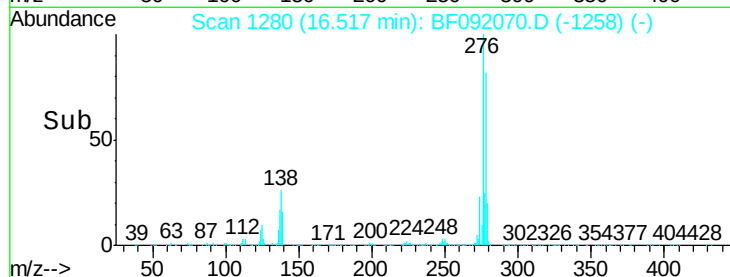
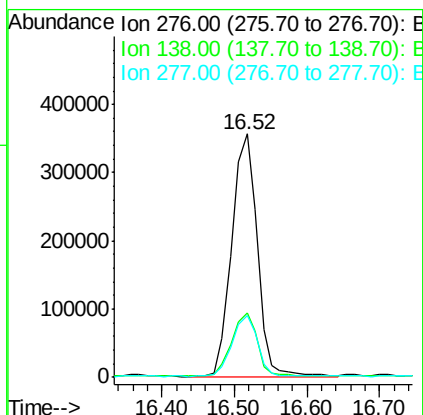
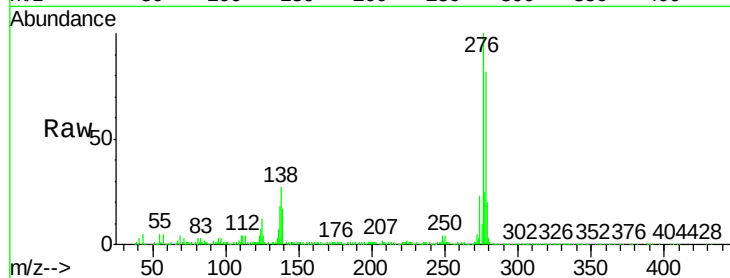




#85
Indeno(1,2,3-cd)pyrene
Concen: 55.75 ng
RT: 16.52 min Scan# 1280
Delta R.T. -0.05 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

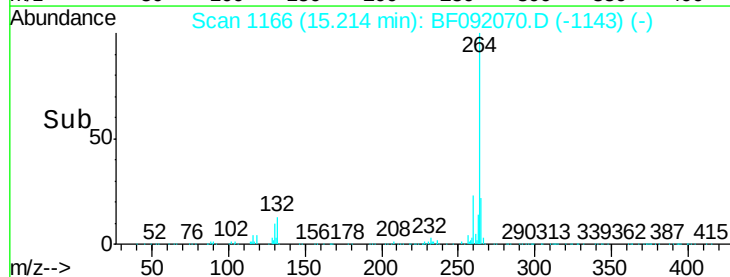
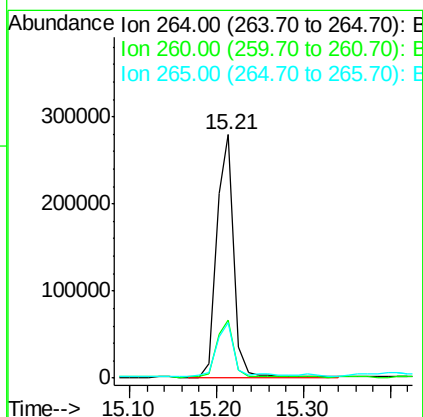
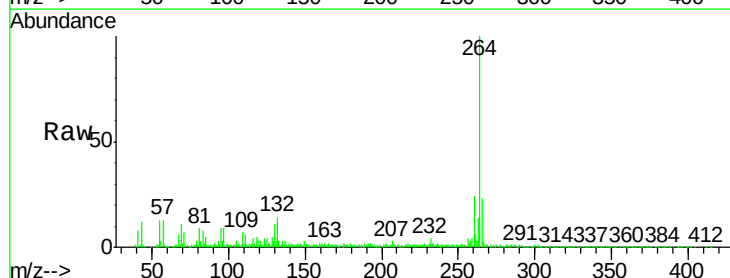
Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

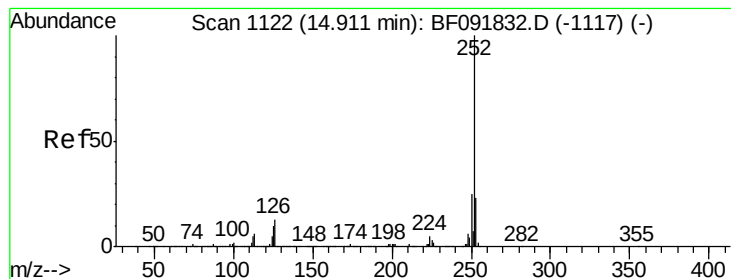
Tgt Ion: 276 Resp: 870455
Ion Ratio Lower Upper
276 100
138 26.3 21.8 32.6
277 24.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1166
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Tgt Ion: 264 Resp: 380081
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.6 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 65.40 ng

RT: 14.83 min Scan# 1132

Delta R.T. -0.04 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9MS

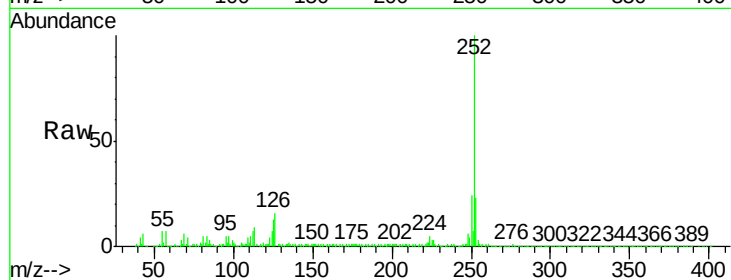
Tgt Ion:252 Resp: 1547611

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

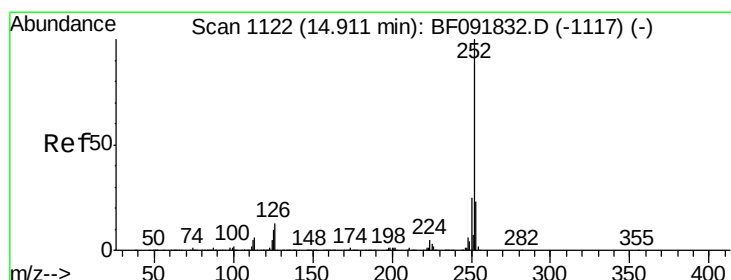
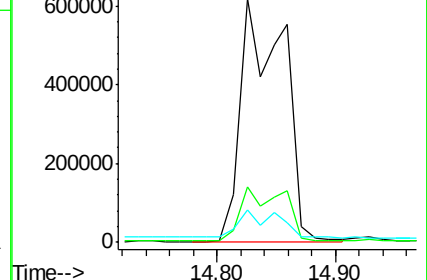
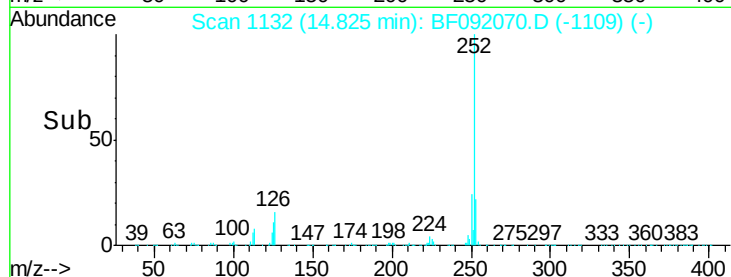
125 13.4 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 76.70 ng

RT: 14.83 min Scan# 1132

Delta R.T. -0.06 min

Lab File: BF092070.D

Acq: 3 Jan 2017 19:42

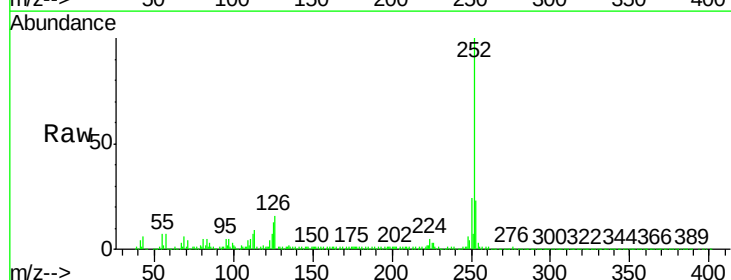
Tgt Ion:252 Resp: 1547611

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

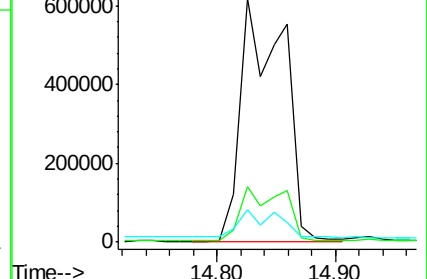
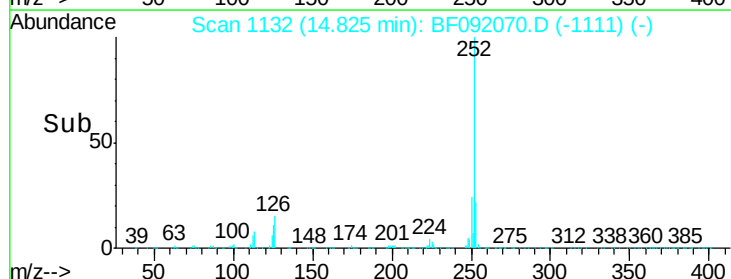
125 13.4 8.9 13.3#

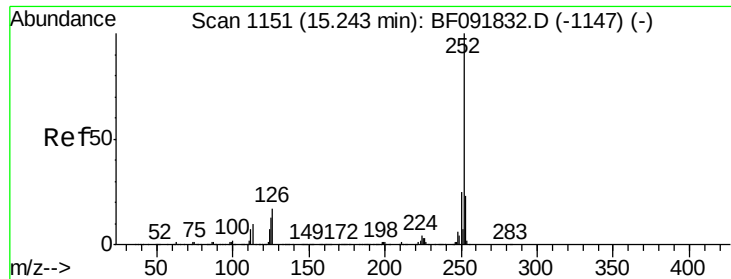


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

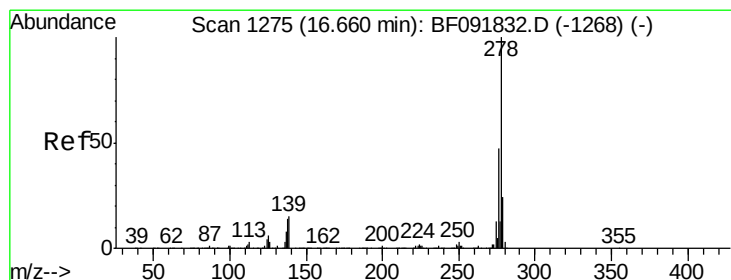
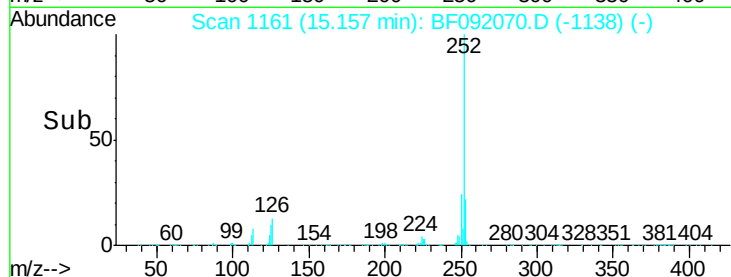
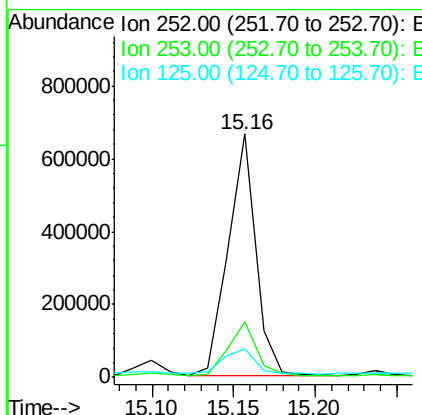
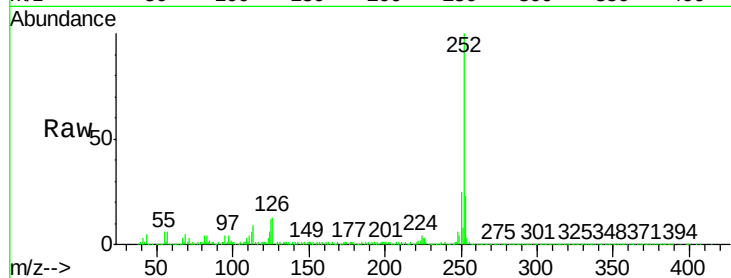




#89
Benzo(a)pyrene
Concen: 37.32 ng
RT: 15.16 min Scan# 1161
Delta R.T. -0.04 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

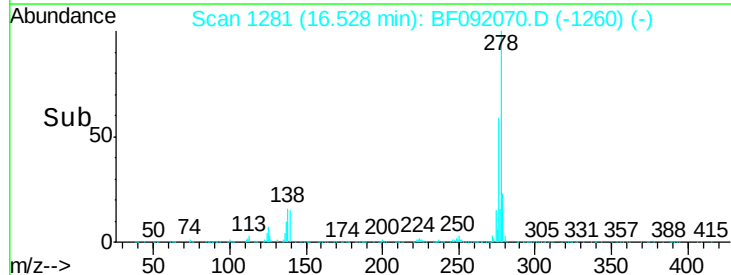
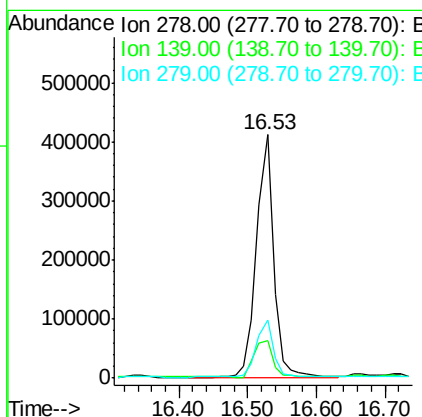
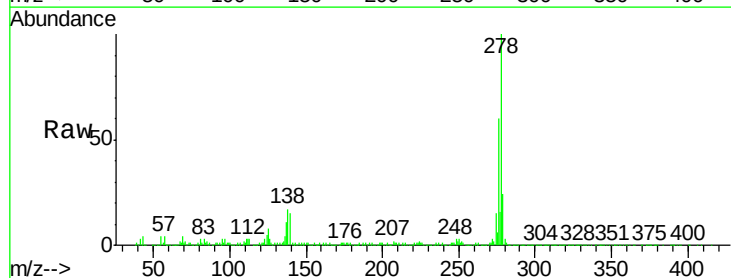
Instrument :
BNA_F
ClientSampleId :
TP9-COMP9MS

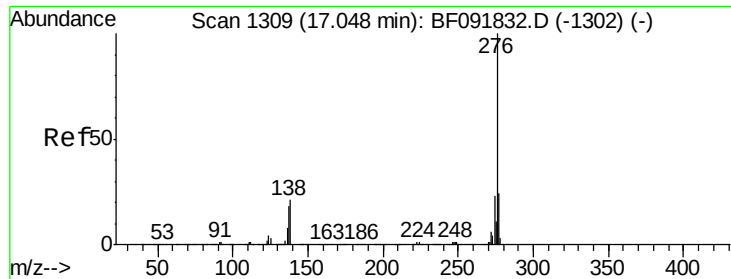
Tgt Ion:252 Resp: 783828
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 11.7 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 41.03 ng
RT: 16.53 min Scan# 1281
Delta R.T. -0.06 min
Lab File: BF092070.D
Acq: 3 Jan 2017 19:42

Tgt Ion:278 Resp: 708307
Ion Ratio Lower Upper
278 100
139 15.4 14.8 22.2
279 23.8 19.8 29.6

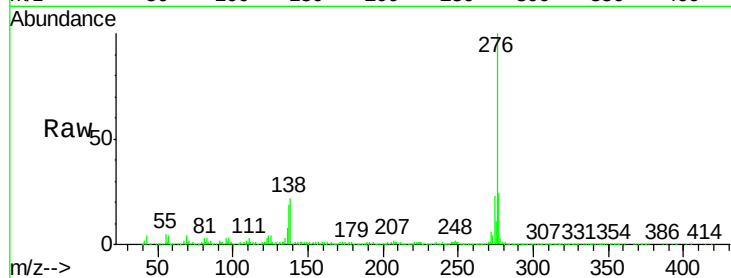




#91
 Benzo(g,h,i)perylene
 Concen: 41.03 ng
 RT: 16.91 min Scan# 1314
 Delta R.T. -0.06 min
 Lab File: BF092070.D
 Acq: 3 Jan 2017 19:42

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	21.5	16.0	24.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

