

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122716\
 Data File : BF091962.D
 Acq On : 27 Dec 2016 12:43
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 27 23:54:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	292315	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	988248	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	515483	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	824607	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	650538	20.00	ng	-0.01
86) Perylene-d12	15.29	264	612983	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1381994	78.94	ng	0.00
7) Phenol-d6	6.41	99	1653955	77.38	ng	0.00
23) Nitrobenzene-d5	7.31	82	1659014	93.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	323817	75.91	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2225808	89.09	ng	-0.01
78) Terphenyl-d14	12.84	244	1820964	67.89	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.24	88	329997	38.29	ng	98
3) Pyridine	2.91	79	1016072	33.78	ng	97
4) n-Nitrosodimethylamine	2.88	42	378805	33.38	ng	99
6) Aniline	6.40	93	1109757	39.97	ng	# 46
8) 2-Chlorophenol	6.53	128	801931	40.27	ng	85
9) Benzaldehyde	6.27	77	472807	38.11	ng	95
10) Phenol	6.42	94	912722	37.47	ng	# 77
11) bis(2-Chloroethyl)ether	6.48	93	824731	42.56	ng	93
12) 1,3-Dichlorobenzene	6.67	146	825730	38.84	ng	# 94
13) 1,4-Dichlorobenzene	6.75	146	839995	38.82	ng	95
14) 1,2-Dichlorobenzene	6.90	146	673196	35.86	ng	96
15) Benzyl Alcohol	6.89	79	503042	30.29	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1111231	38.51	ng	78
17) 2-Methylphenol	7.02	107	606161	37.85	ng	# 93
18) Hexachloroethane	7.24	117	304661	37.98	ng	90
19) n-Nitroso-di-n-propylamine	7.16	70	584104	41.08	ng	96
20) 3+4-Methylphenols	7.18	107	854211	44.72	ng	# 71
22) Acetophenone	7.15	105	1148753	47.13	ng	# 92
24) Nitrobenzene	7.32	77	769089	40.63	ng	99
25) Isophorone	7.56	82	1335255	40.72	ng	95
26) 2-Nitrophenol	7.64	139	397392	42.57	ng	92
27) 2,4-Dimethylphenol	7.70	122	510253	32.96	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	701216	35.27	ng	99
29) 2,4-Dichlorophenol	7.89	162	490595	37.42	ng	85
30) 1,2,4-Trichlorobenzene	7.96	180	536243	37.33	ng	# 93
31) Naphthalene	8.04	128	1677446	37.09	ng	100
32) Benzoic acid	7.86	122	444070	38.67	ng	90
33) 4-Chloroaniline	8.10	127	739192	36.24	ng	95
34) Hexachlorobutadiene	8.17	225	311554	41.08	ng	99
35) Caprolactam	8.49	113	169830	39.42	ng	# 76
36) 4-Chloro-3-methylphenol	8.60	107	544584	36.10	ng	93
37) 2-Methylnaphthalene	8.74	142	1183767	42.25	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	463457	35.59	ng	99
40) Hexachlorocyclopentadiene	8.89	237	199344	36.64	ng	97

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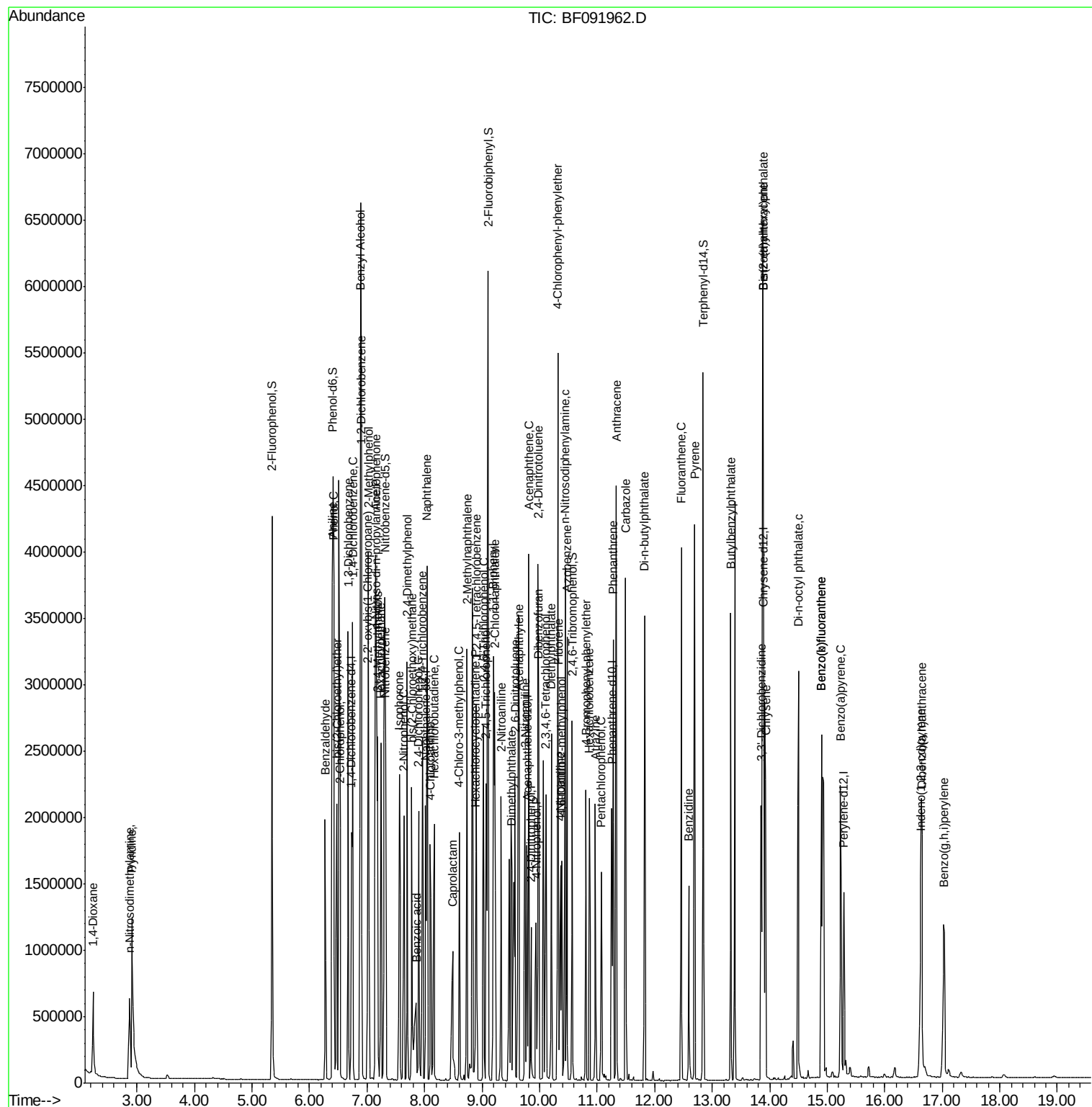
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	345131	37.89	ng	97
43) 2,4,5-Trichlorophenol	9.07	196	346915	37.01	ng	95
45) 1,1'-Biphenyl	9.20	154	1335438	37.84	ng	96
46) 2-Chloronaphthalene	9.22	162	1029036	36.82	ng	92
47) 2-Nitroaniline	9.33	65	426864	42.89	ng	# 84
48) Acenaphthylene	9.64	152	1678186	39.04	ng	98
49) Dimethylphthalate	9.52	163	1268935	38.49	ng	99
50) 2,6-Dinitrotoluene	9.57	165	308203	42.71	ng	92
51) Acenaphthene	9.81	154	1115219	38.27	ng	99
52) 3-Nitroaniline	9.74	138	342495	38.35	ng	96
53) 2,4-Dinitrophenol	9.85	184	144534	36.00	ng	# 68
54) Dibenzofuran	9.98	168	1451925	36.89	ng	95
55) 4-Nitrophenol	9.94	139	274306	45.24	ng	# 80
56) 2,4-Dinitrotoluene	9.97	165	350595	38.71	ng	# 88
57) Fluorene	10.33	166	1129576	39.45	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	305472	41.20	ng	97
59) Diethylphthalate	10.20	149	1140724	35.63	ng	100
60) 4-Chlorophenyl-phenylether	10.32	204	486525	38.80	ng	96
61) 4-Nitroaniline	10.36	138	352986	38.14	ng	99
62) Azobenzene	10.48	77	1374481	38.99	ng	99
64) 4,6-Dinitro-2-methylphenol	10.38	198	221574	44.44	ng	71
65) n-Nitrosodiphenylamine	10.44	169	1030325	42.11	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	349856	40.79	ng	# 86
67) Hexachlorobenzene	10.86	284	348321	37.99	ng	# 75
68) Atrazine	10.97	200	265828	33.68	ng	97
69) Pentachlorophenol	11.07	266	187981	41.78	ng	98
70) Phenanthrene	11.28	178	1609673	36.00	ng	99
71) Anthracene	11.33	178	1729900	42.96	ng	99
72) Carbazole	11.49	167	1452049	36.31	ng	99
73) Di-n-butylphthalate	11.82	149	1738699	40.64	ng	99
74) Fluoranthene	12.46	202	1620916	40.98	ng	98
76) Benzidine	12.59	184	599492	34.13	ng	98
77) Pyrene	12.69	202	1700693	35.63	ng	100
79) Butylbenzylphthalate	13.32	149	799424	36.83	ng	95
80) Benzo(a)anthracene	13.88	228	1390024	37.85	ng	100
81) 3,3'-Dichlorobenzidine	13.85	252	530375	38.09	ng	97
82) Chrysene	13.93	228	1421303	38.59	ng	97
83) Bis(2-ethylhexyl)phthalate	13.88	149	931127	36.42	ng	99
84) Di-n-octyl phthalate	14.50	149	1882293	39.75	ng	98
85) Indeno(1,2,3-cd)pyrene	16.63	276	1244683	39.01	ng	98
87) Benzo(b)fluoranthene	14.90	252	1370964	35.92	ng	98
88) Benzo(k)fluoranthene	14.90	252	1370964	42.13	ng	99
89) Benzo(a)pyrene	15.23	252	1293841	38.20	ng	99
90) Dibenzo(a,h)anthracene	16.65	278	1051812	37.78	ng	# 95
91) Benzo(g,h,i)perylene	17.04	276	1059787	36.61	ng	98

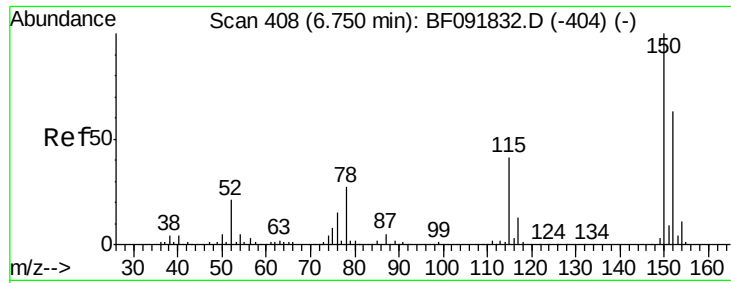
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

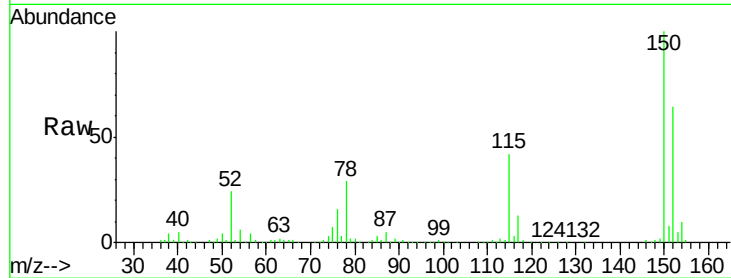
Tgt Ion:152 Resp: 292315

Ion Ratio Lower Upper

152 100

150 157.4 124.9 187.3

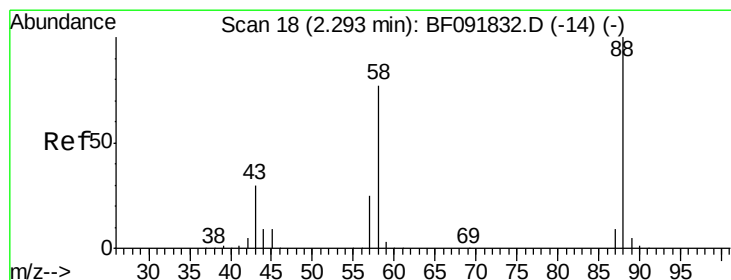
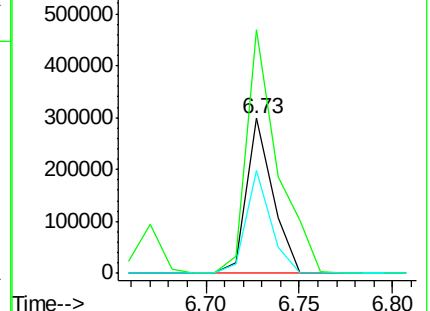
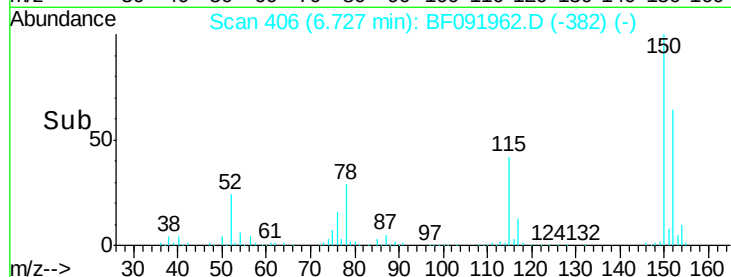
115 66.4 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.29 ng

RT: 2.24 min Scan# 13

Delta R.T. -0.06 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

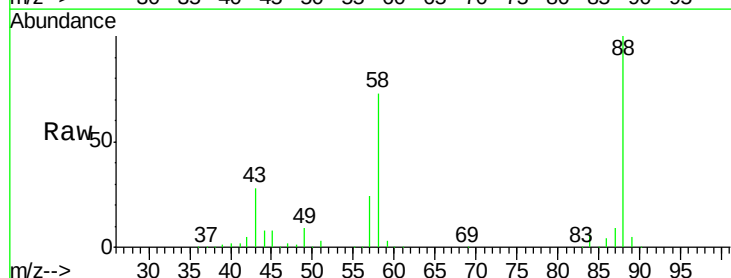
Tgt Ion: 88 Resp: 329997

Ion Ratio Lower Upper

88 100

58 74.0 57.8 86.8

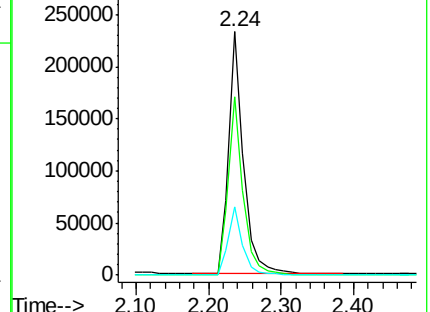
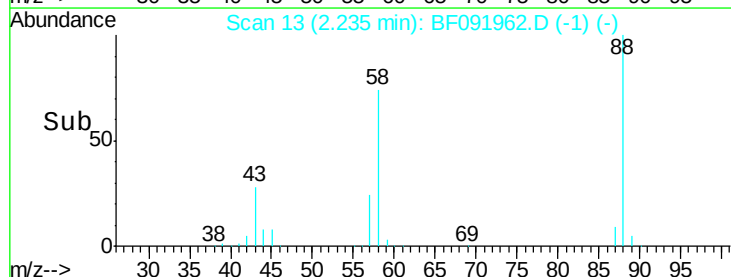
43 28.1 22.3 33.5

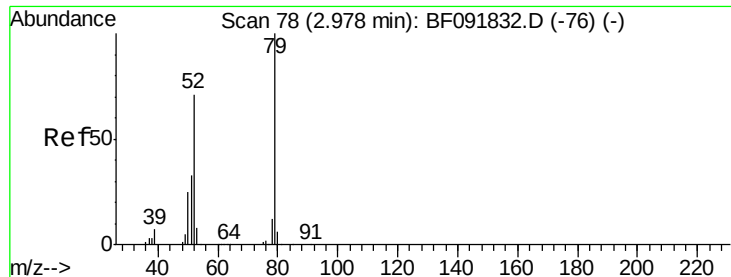


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.78 ng

RT: 2.91 min Scan# 72

Delta R.T. -0.07 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

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ClientSampleId :

SSTDCCC040

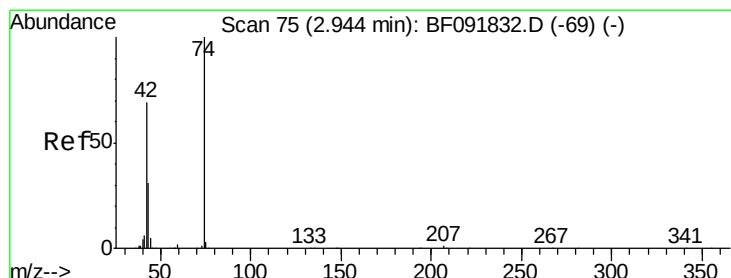
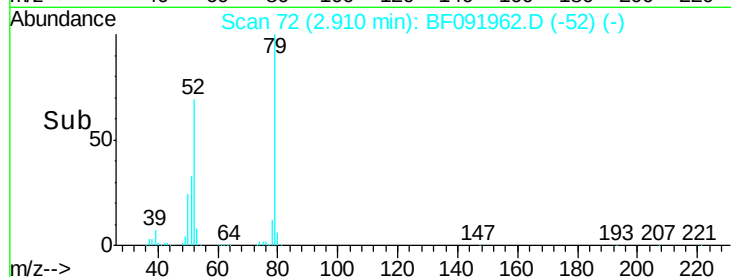
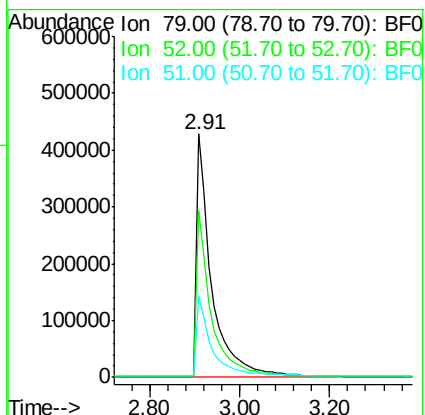
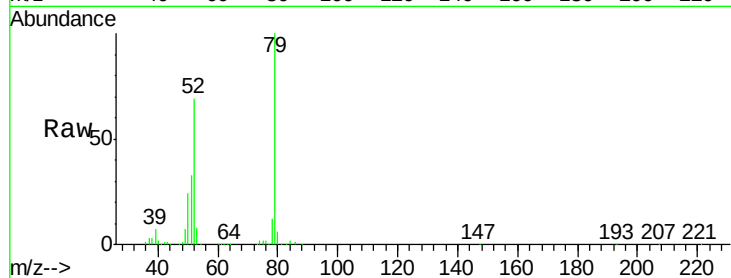
Tgt Ion: 79 Resp: 1016072

Ion Ratio Lower Upper

79 100

52 68.6 57.1 85.7

51 33.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 33.38 ng

RT: 2.88 min Scan# 69

Delta R.T. -0.07 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

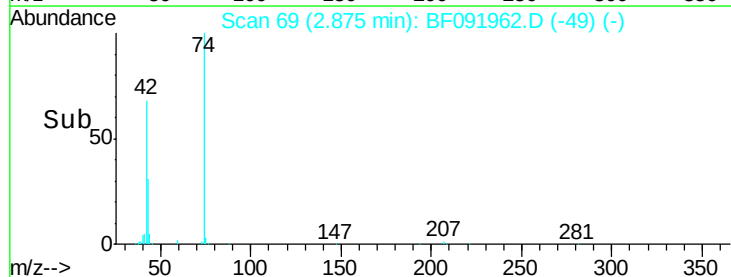
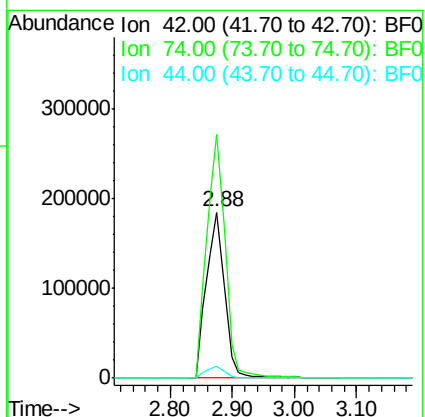
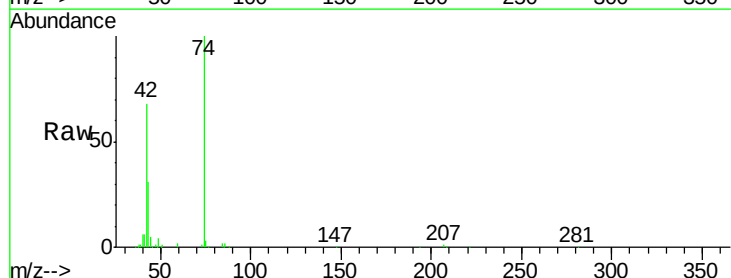
Tgt Ion: 42 Resp: 378805

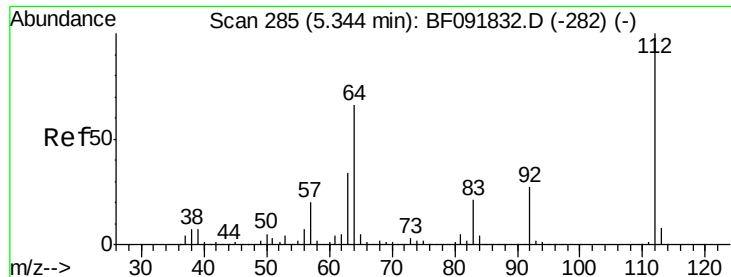
Ion Ratio Lower Upper

42 100

74 147.0 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 78.94 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

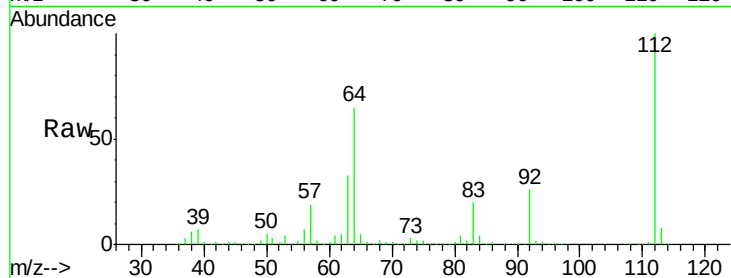
Tgt Ion: 112 Resp: 1381994

Ion Ratio Lower Upper

112 100

64 65.3 46.1 69.1

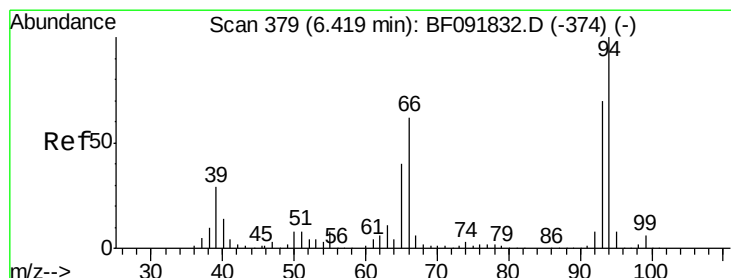
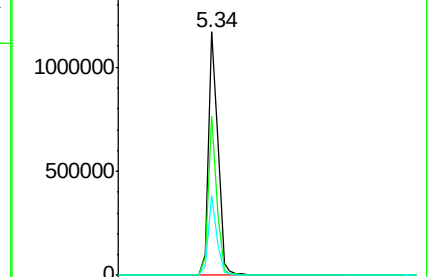
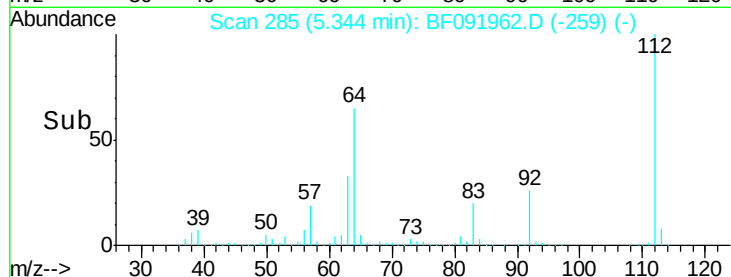
63 33.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.97 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

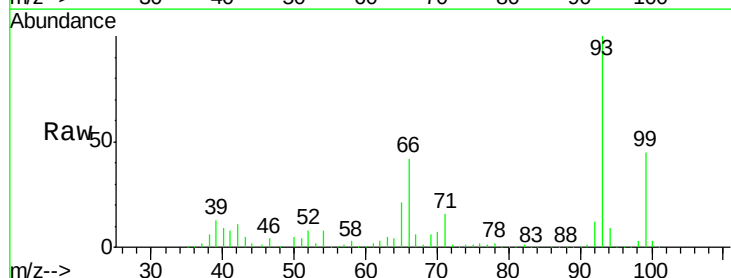
Tgt Ion: 93 Resp: 1109757

Ion Ratio Lower Upper

93 100

66 42.2 76.2 114.2#

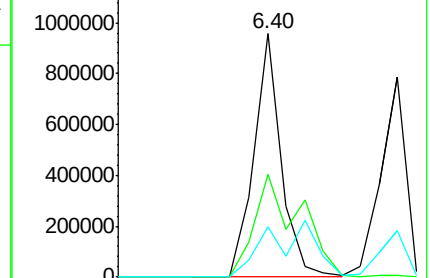
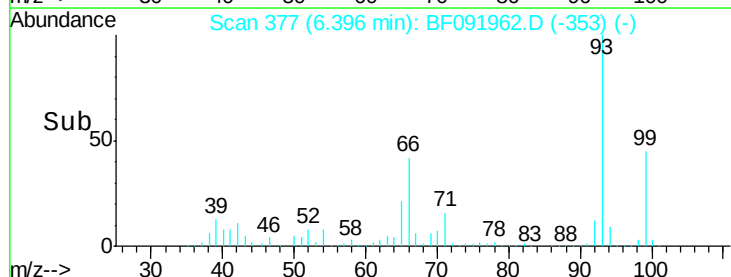
65 20.7 49.3 73.9#

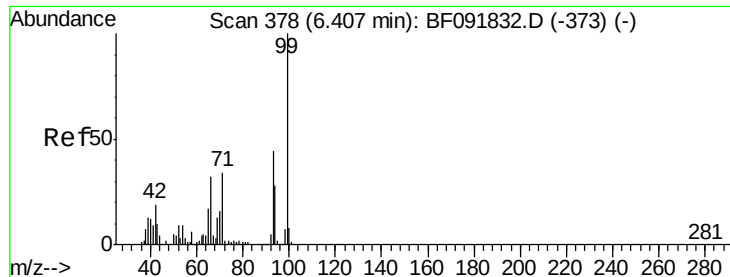


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.38 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF091962.D

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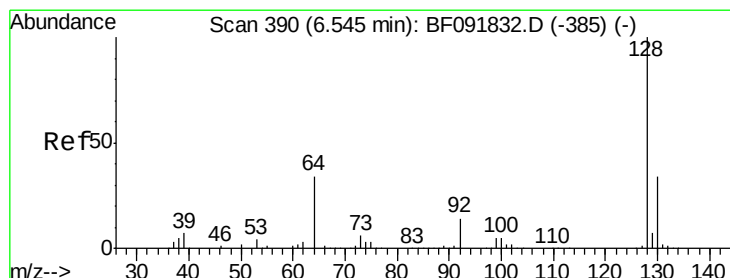
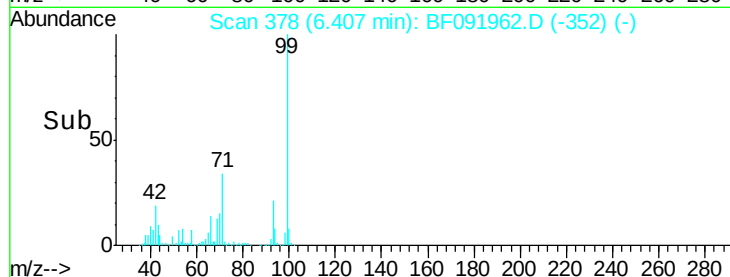
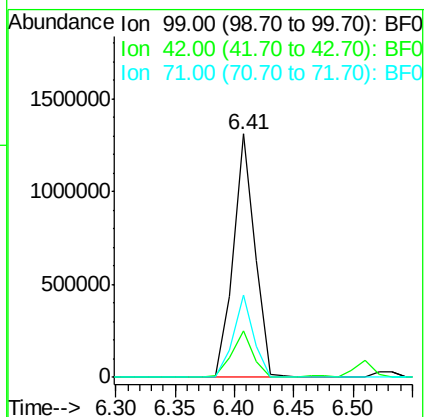
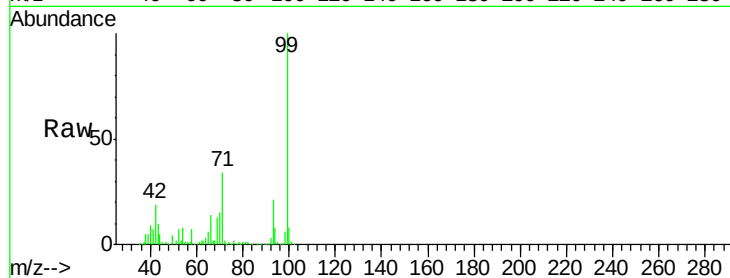
Tgt Ion: 99 Resp: 1653955

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

71 33.7 27.5 41.3



#8

2-Chlorophenol

Concen: 40.27 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

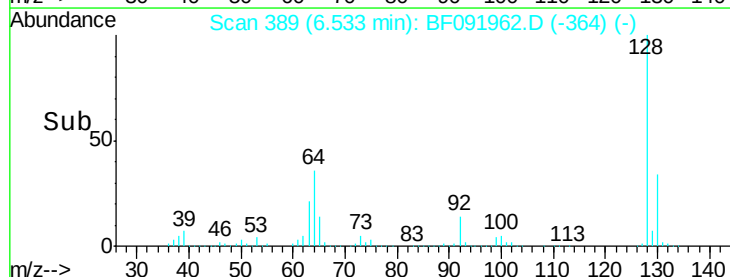
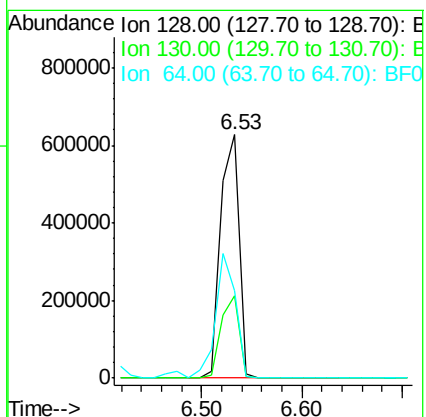
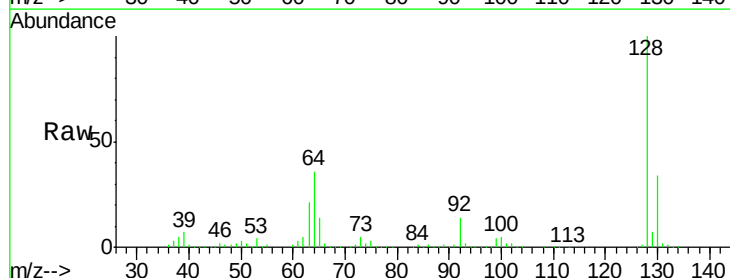
Tgt Ion: 128 Resp: 801931

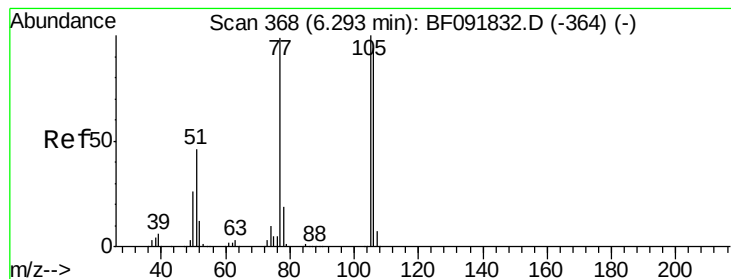
Ion Ratio Lower Upper

128 100

130 33.7 12.3 52.3

64 36.0 32.2 72.2





#9

Benzaldehyde

Concen: 38.11 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF091962.D

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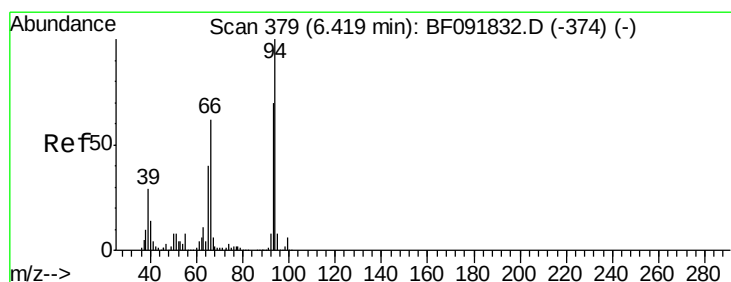
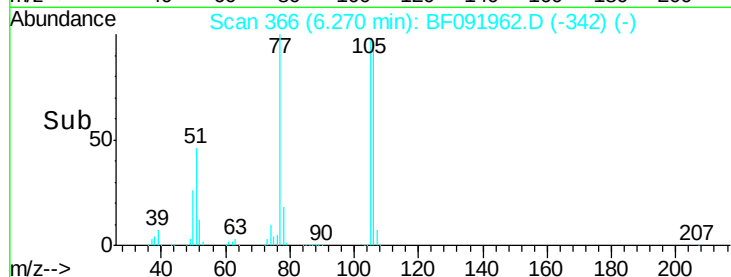
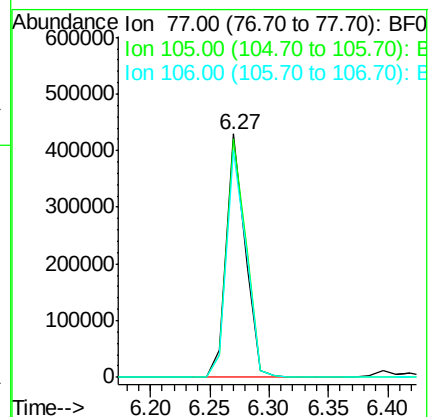
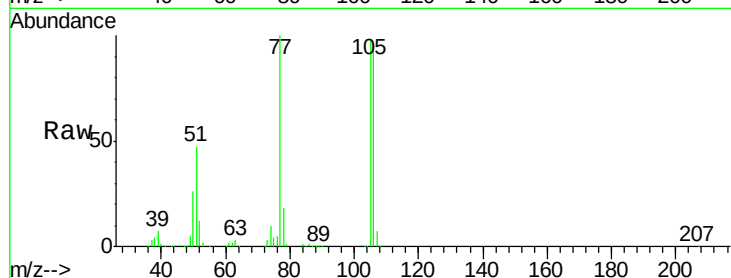
Tgt Ion: 77 Resp: 472807

Ion Ratio Lower Upper

77 100

105 97.9 83.9 123.9

106 93.5 77.6 117.6



#10

Phenol

Concen: 37.47 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

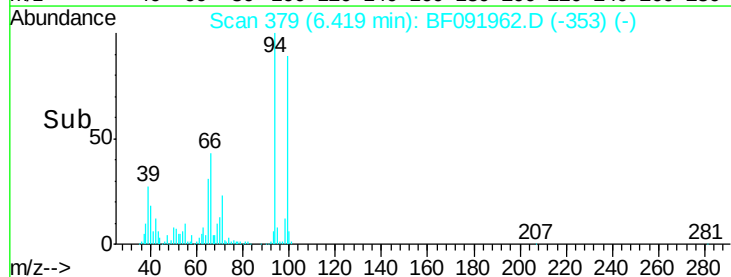
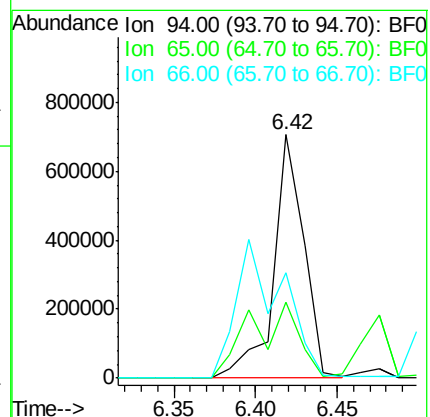
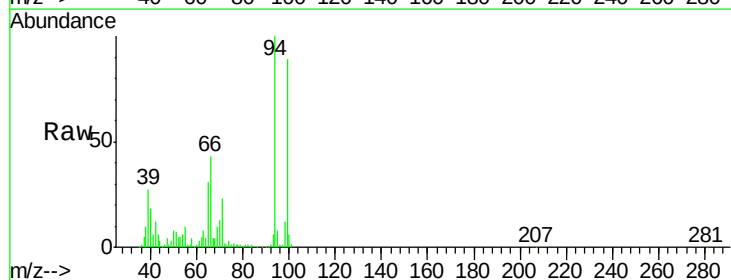
Tgt Ion: 94 Resp: 912722

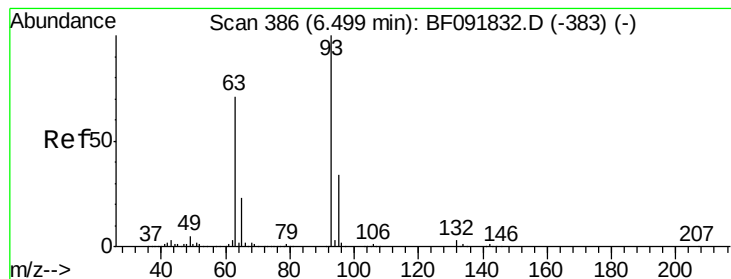
Ion Ratio Lower Upper

94 100

65 31.4 21.4 61.4

66 43.0 44.0 84.0#

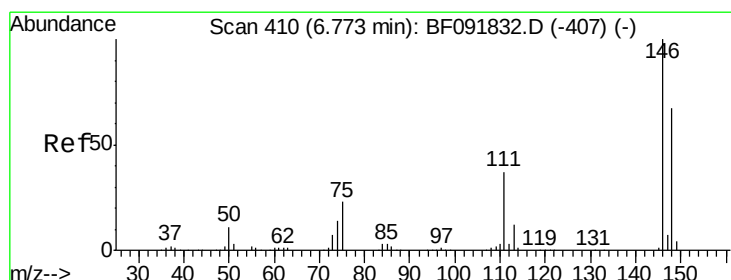
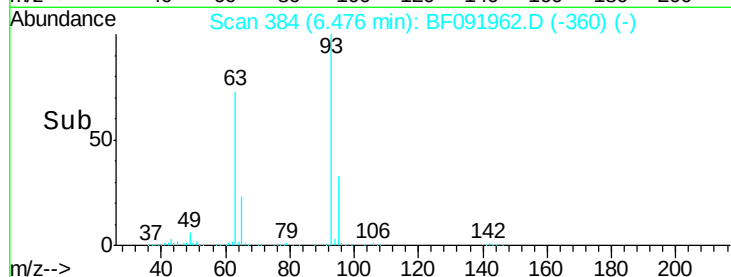
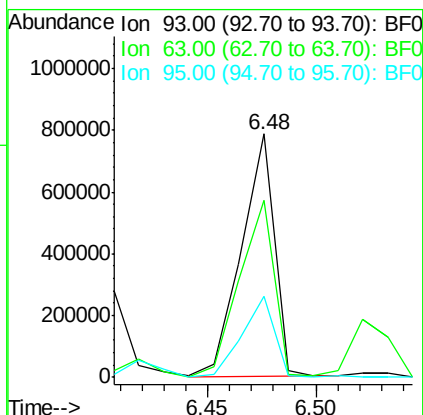
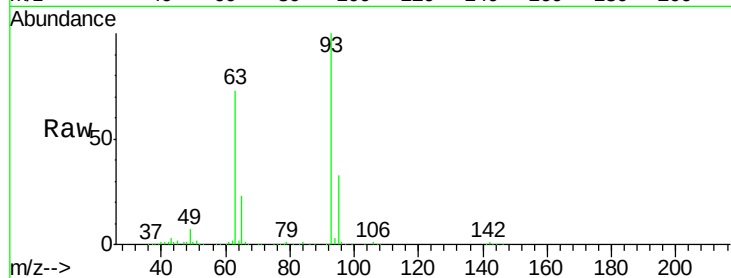




#11
bis(2-Chloroethyl)ether
Concen: 42.56 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.02 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

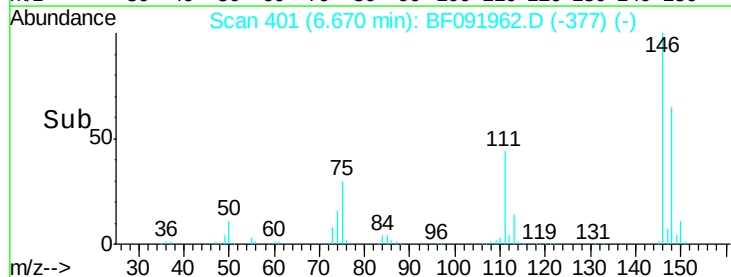
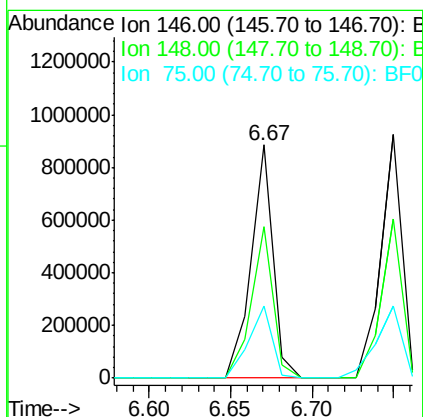
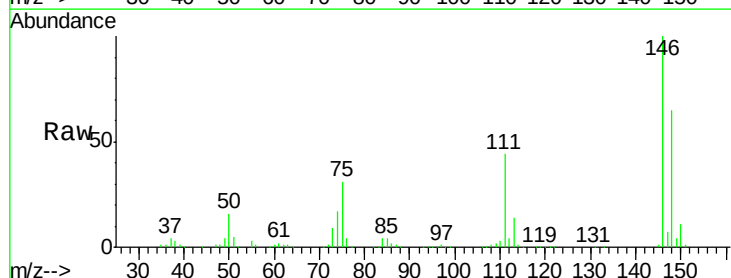
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

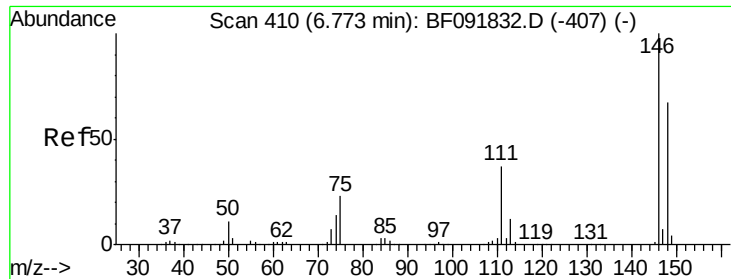
Tgt Ion: 93 Resp: 824731
Ion Ratio Lower Upper
93 100
63 72.5 60.4 100.4
95 33.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.84 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.02 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Tgt Ion: 146 Resp: 825730
Ion Ratio Lower Upper
146 100
148 65.1 53.4 80.0
75 31.0 18.5 27.7#

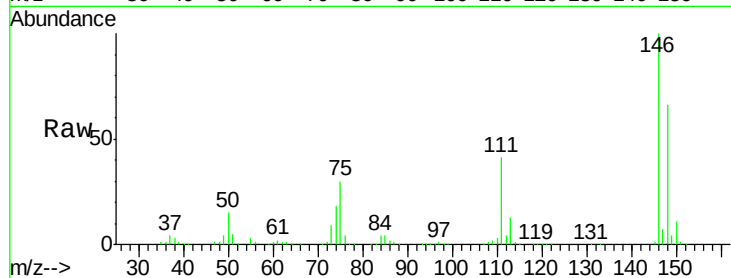




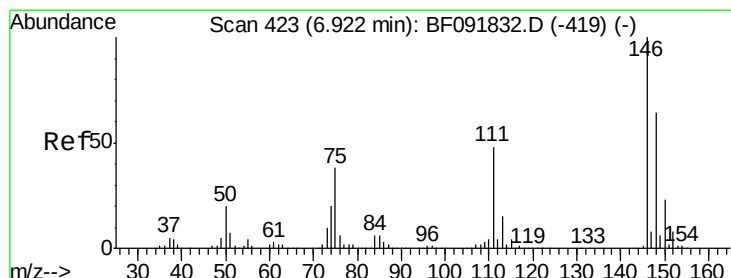
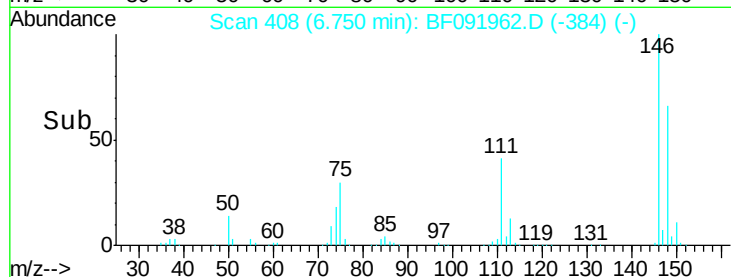
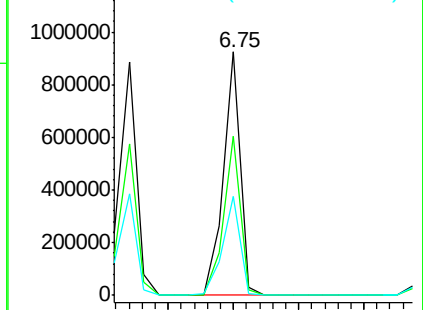
#13
 1,4-Dichlorobenzene
 Concen: 38.82 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 839995
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.6 76.0
 111 40.7 36.2 54.4

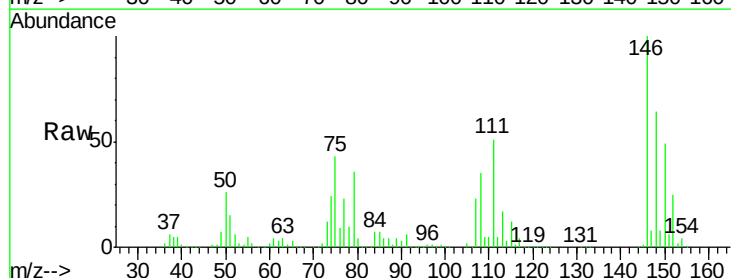


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

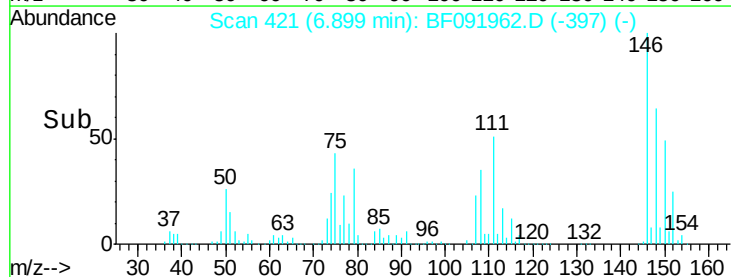
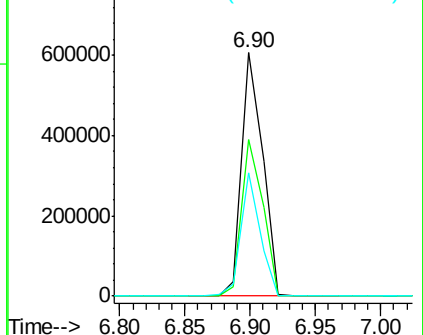


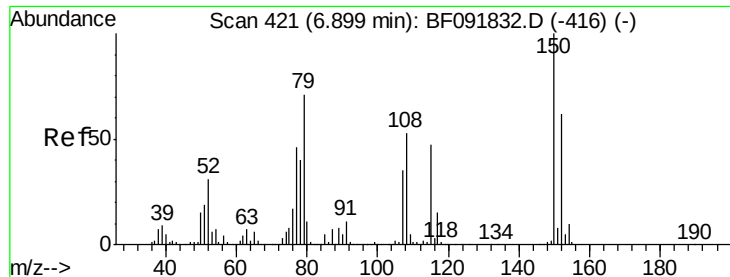
#14
 1,2-Dichlorobenzene
 Concen: 35.86 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

Tgt Ion:146 Resp: 673196
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 50.5 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: 30.29 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

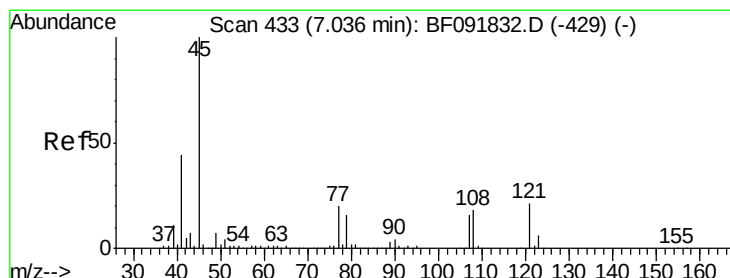
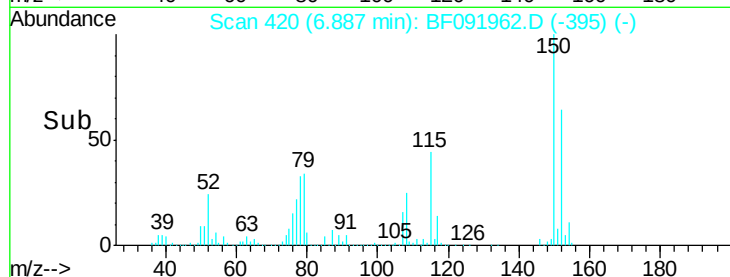
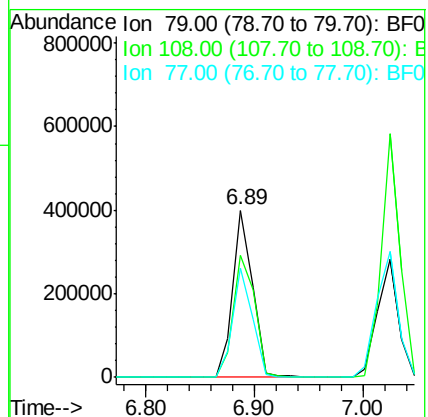
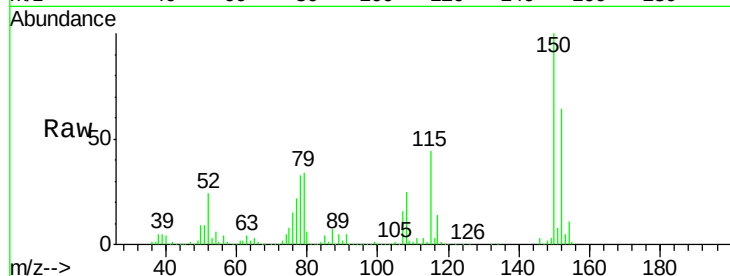
Tgt Ion: 79 Resp: 503042

Ion Ratio Lower Upper

79 100

108 73.1 61.4 92.0

77 65.1 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.51 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

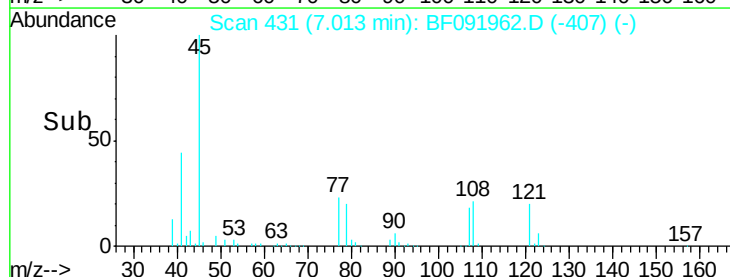
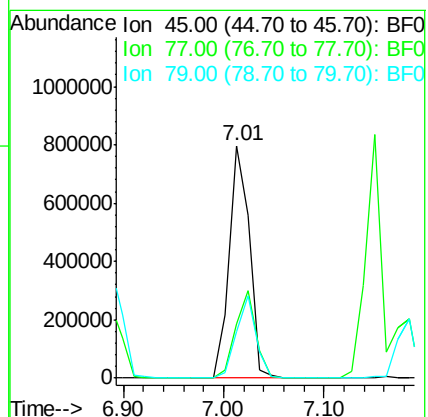
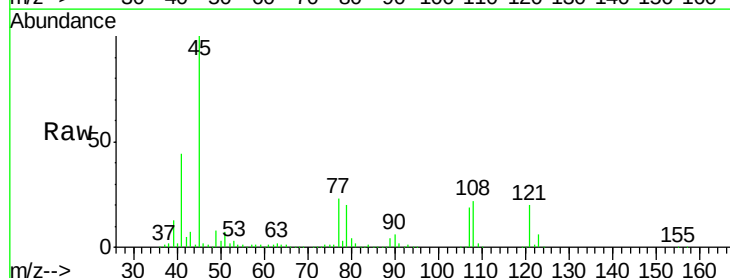
Tgt Ion: 45 Resp: 1111231

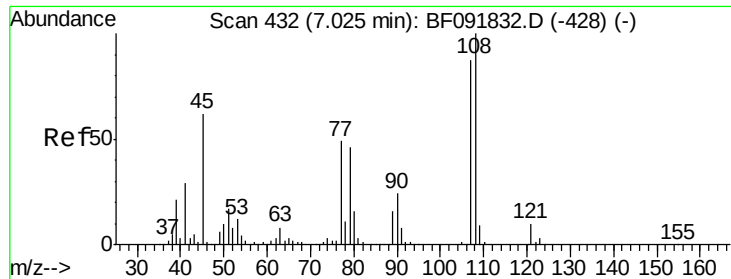
Ion Ratio Lower Upper

45 100

77 23.4 0.0 34.6

79 19.8 0.0 31.2

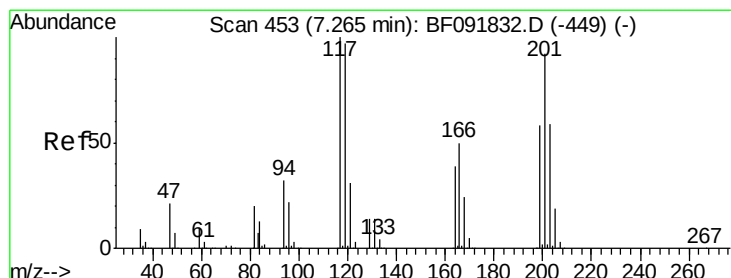
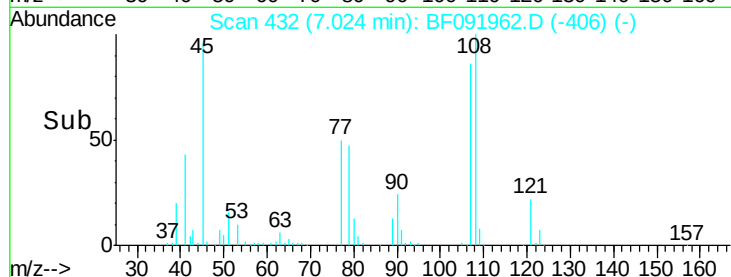
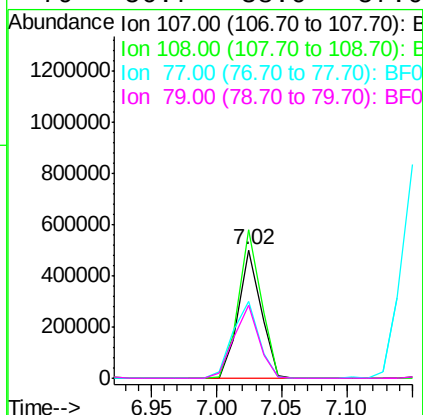
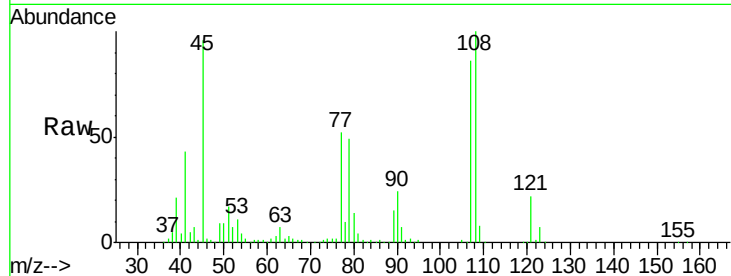




#17
2-Methylphenol
Concen: 37.85 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

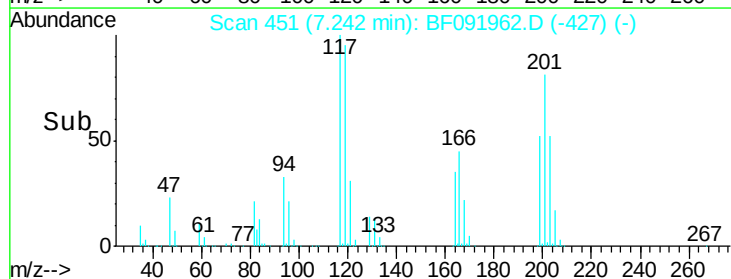
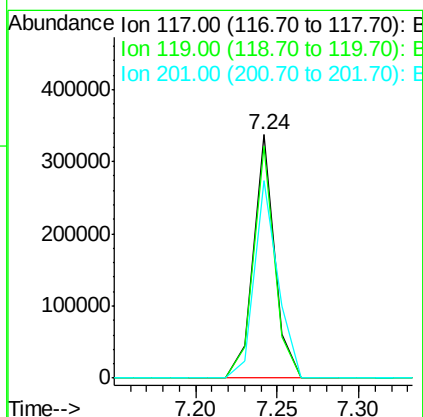
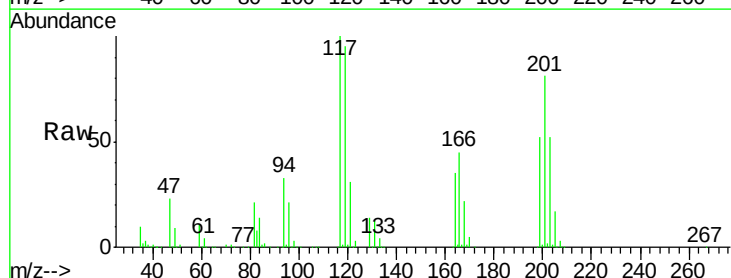
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

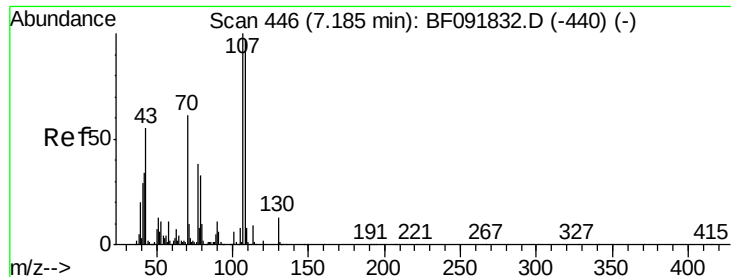
Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.4	93.0	139.6
77	60.3	39.8	59.8#
79	56.7	38.0	57.0



#18
Hexachloroethane
Concen: 37.98 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.1	117.1
201	81.2	78.6	117.8

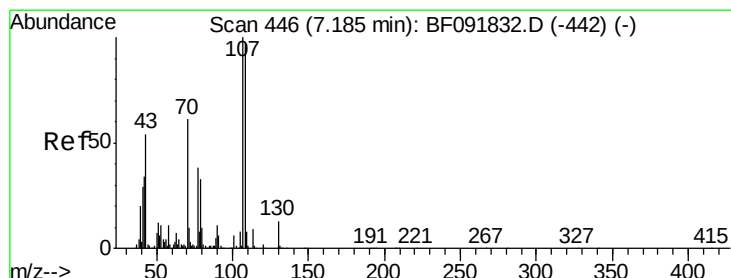
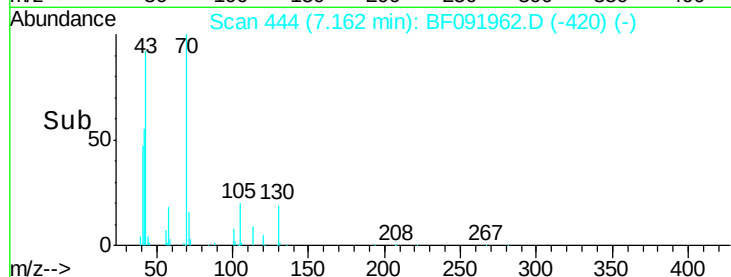
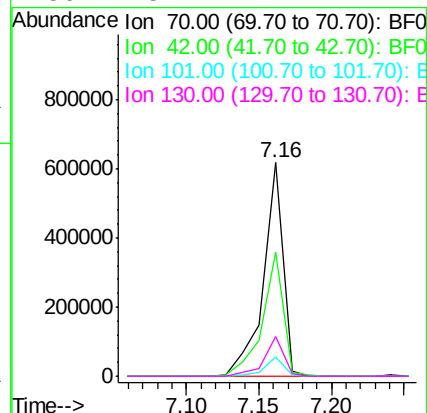
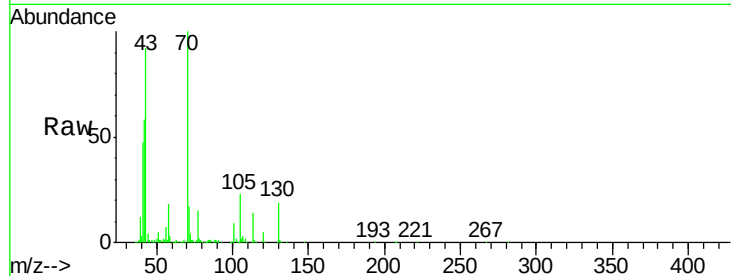




#19
n-Nitroso-di-n-propylamine
Concen: 41.08 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

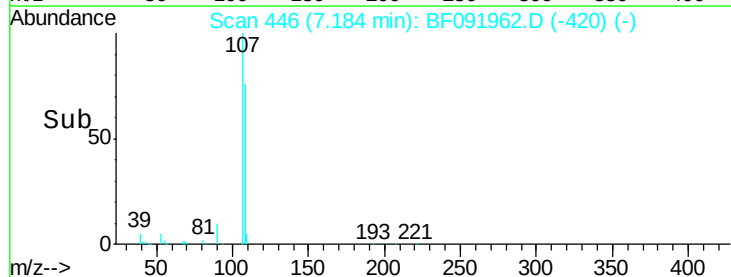
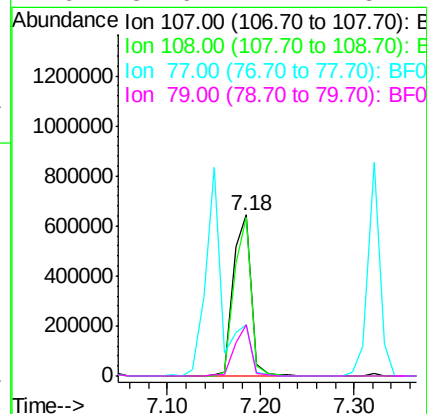
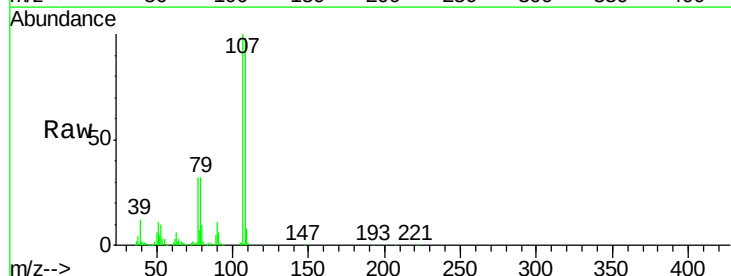
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

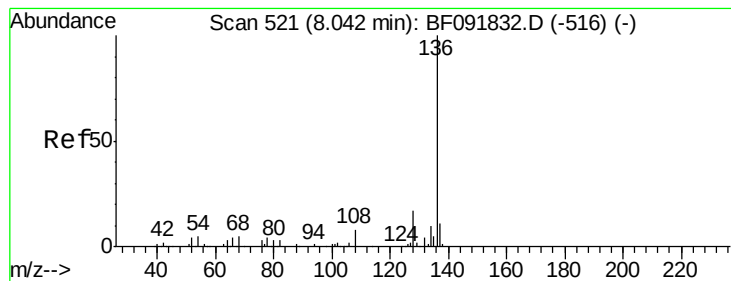
Tgt Ion:	70	Resp:	584104
Ion	Ratio	Lower	Upper
70	100		
42	58.2	49.4	74.0
101	9.0	7.4	11.2
130	18.7	14.2	21.4



#20
3+4-Methylphenols
Concen: 44.72 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Tgt Ion:	107	Resp:	854211
Ion	Ratio	Lower	Upper
107	100		
108	98.4	73.0	113.0
77	31.7	71.3	111.3#
79	31.6	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 988248

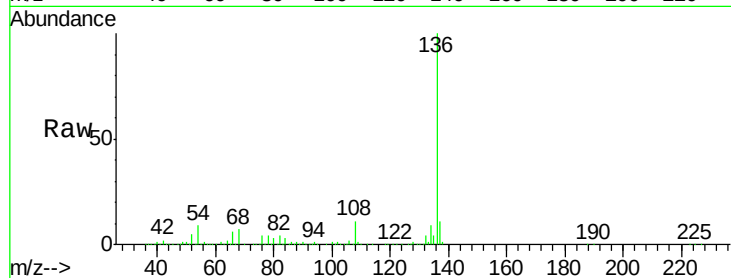
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 8.7 4.5 6.7#

68 6.7 3.6 5.4#

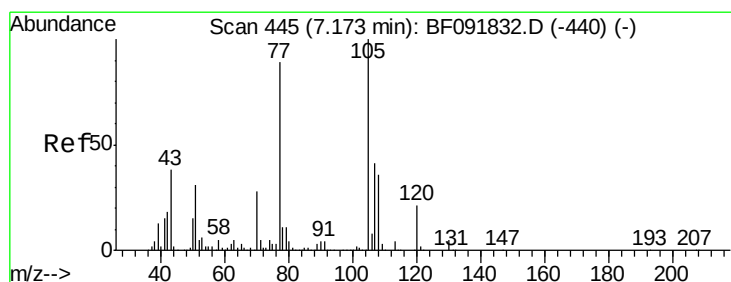
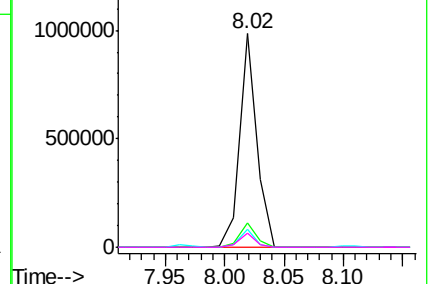
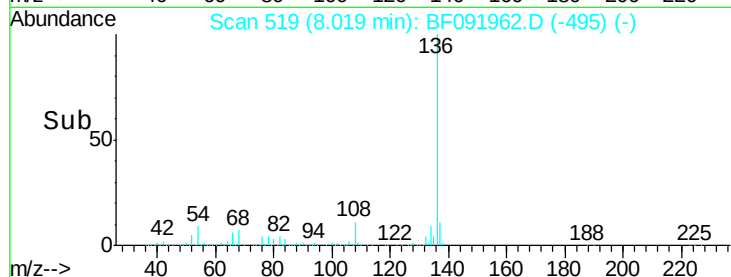


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.13 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Tgt Ion:105 Resp: 1148753

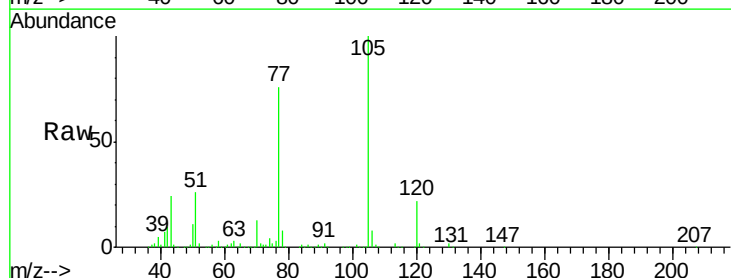
Ion Ratio Lower Upper

105 100

71 2.3 3.2 4.8#

51 26.0 26.2 39.4#

120 21.5 16.6 24.8

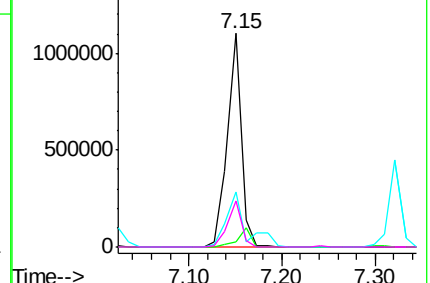
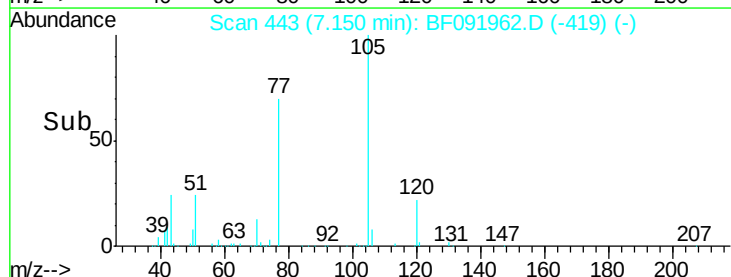


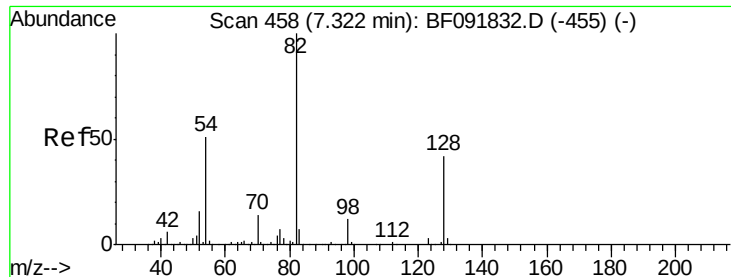
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

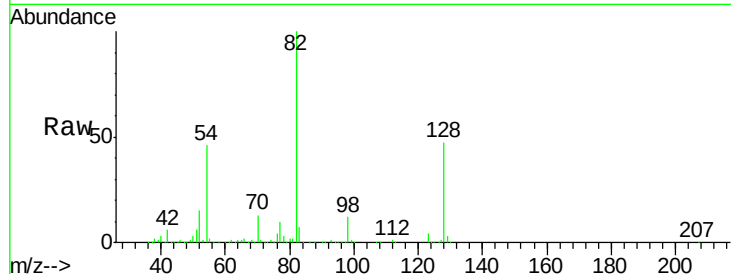




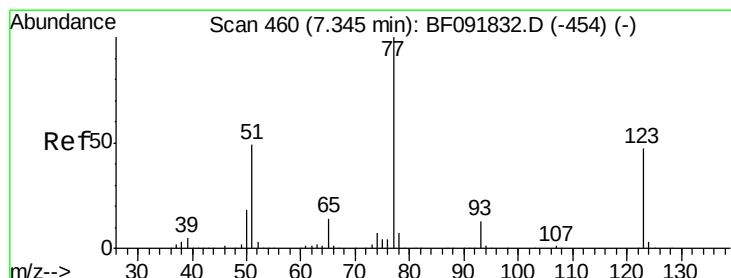
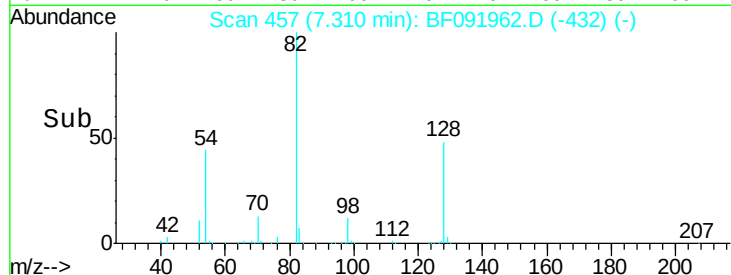
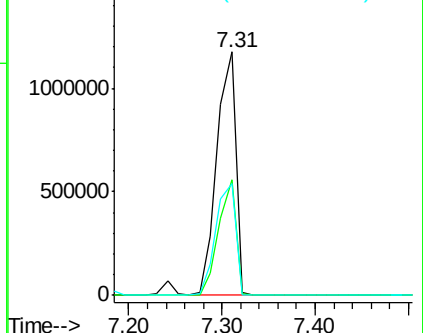
#23
 Nitrobenzene-d5
 Concen: 93.35 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1659014
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.6 52.0
 54 46.1 39.5 59.3

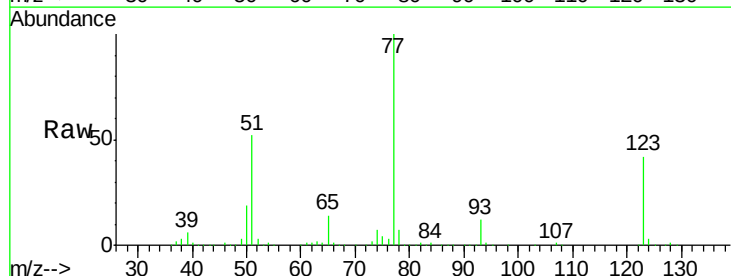


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

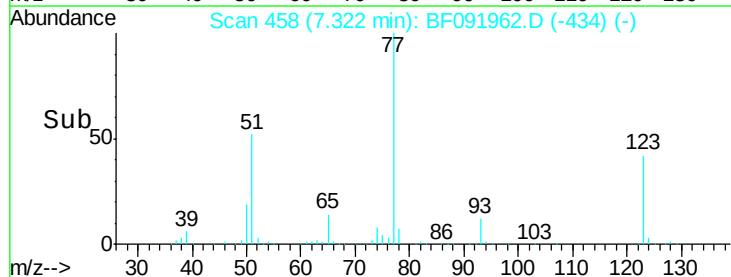
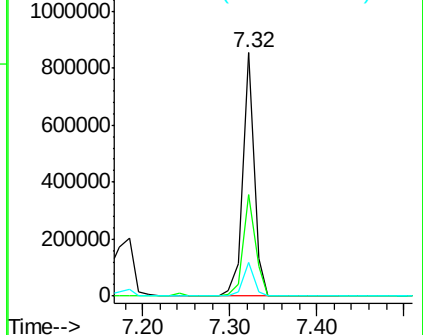


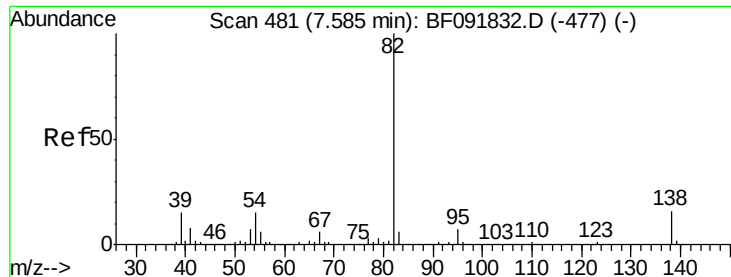
#24
 Nitrobenzene
 Concen: 40.63 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

Tgt Ion: 77 Resp: 769089
 Ion Ratio Lower Upper
 77 100
 123 41.9 33.0 49.4
 65 13.6 11.2 16.8



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





#25

Isophorone

Concen: 40.72 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

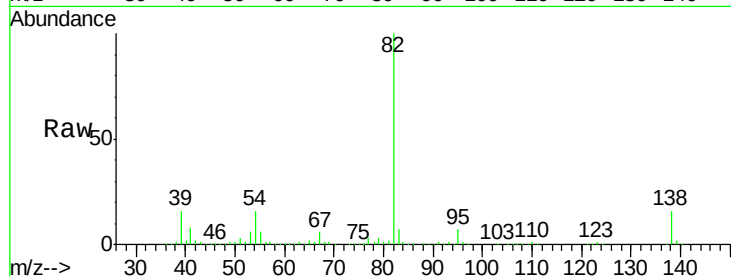
Tgt Ion: 82 Resp: 1335255

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

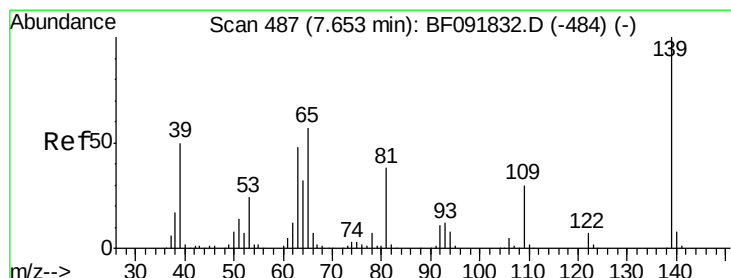
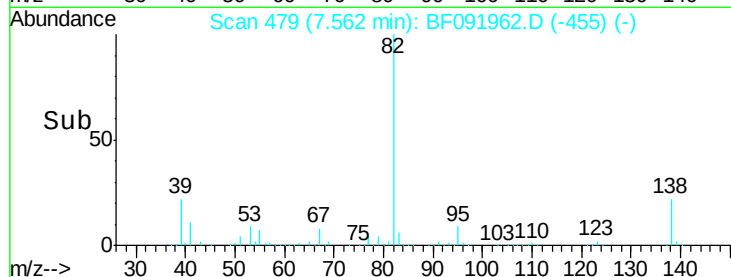
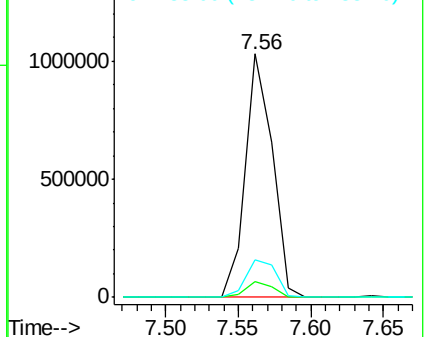
138 15.5 14.6 22.0



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): E



#26

2-Nitrophenol

Concen: 42.57 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

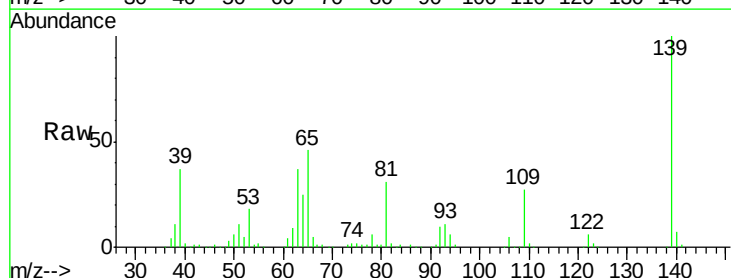
Tgt Ion: 139 Resp: 397392

Ion Ratio Lower Upper

139 100

109 27.4 23.3 34.9

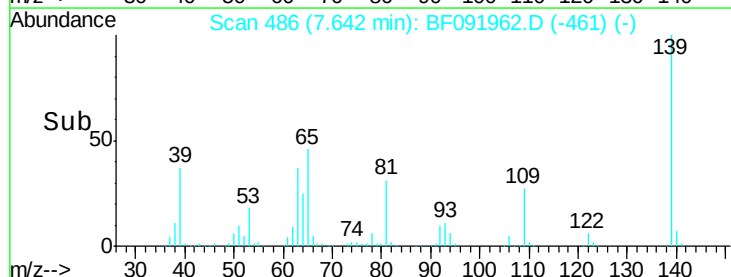
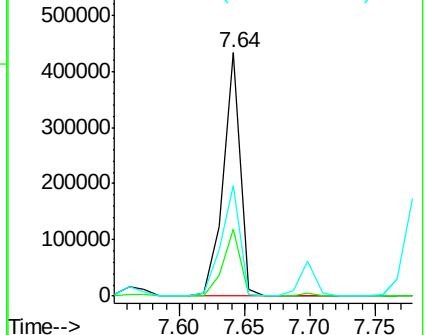
65 45.6 42.7 64.1

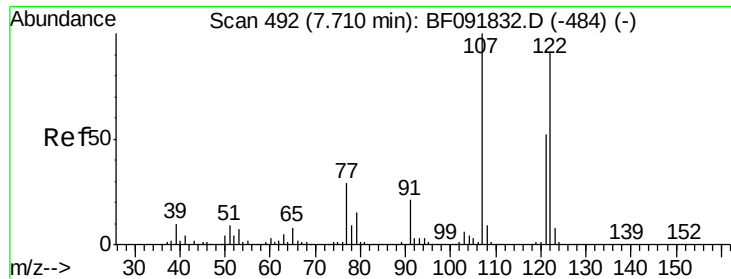


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

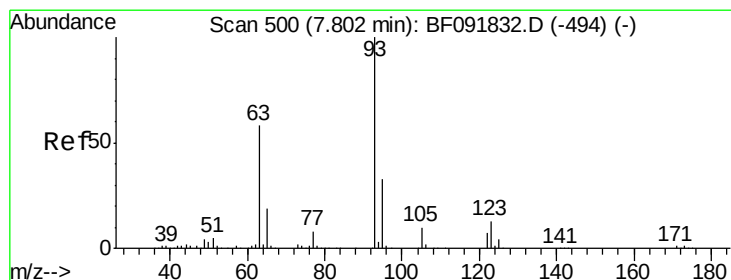
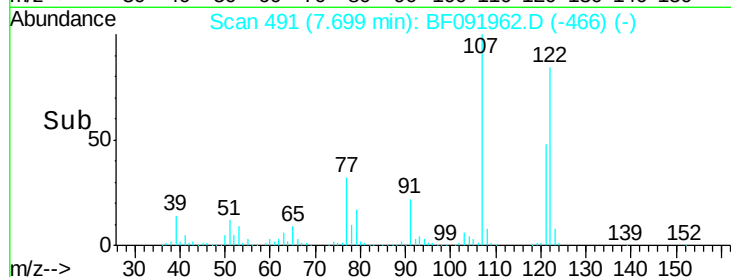
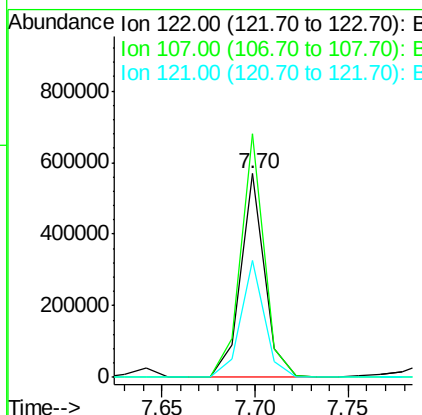
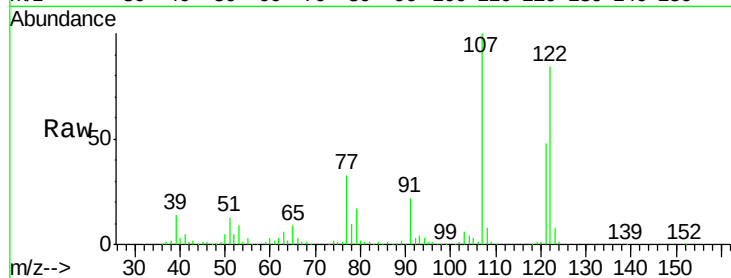




#27
2,4-Dimethylphenol
Concen: 32.96 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

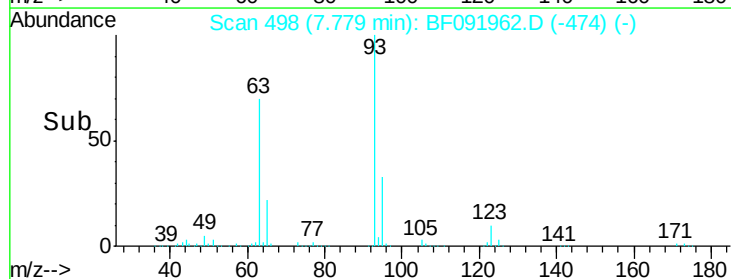
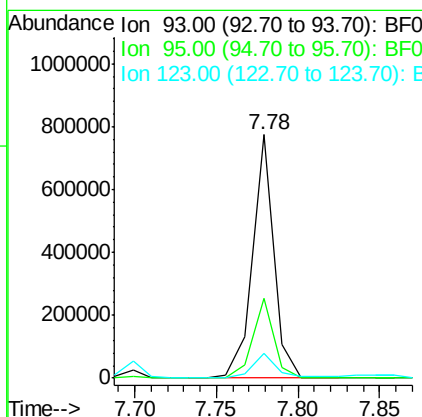
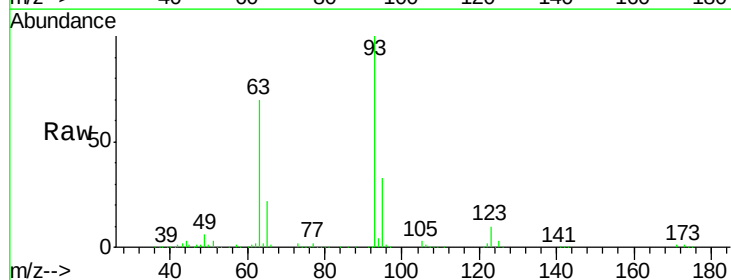
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

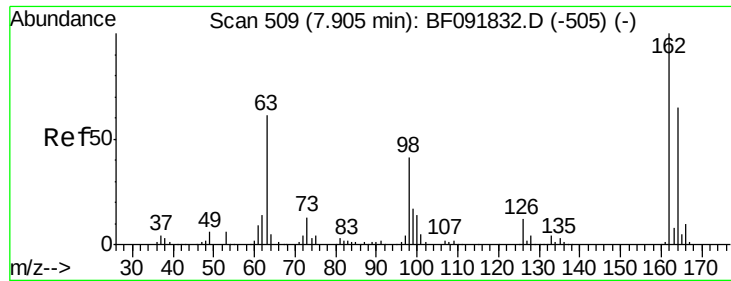
Tgt Ion:122 Resp: 510253
Ion Ratio Lower Upper
122 100
107 119.7 94.1 141.1
121 57.7 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 35.27 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Tgt Ion: 93 Resp: 701216
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 10.3 8.6 13.0

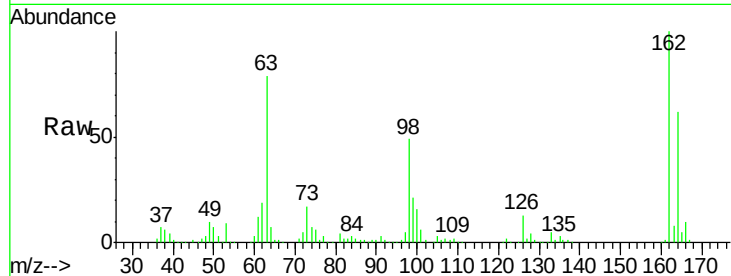




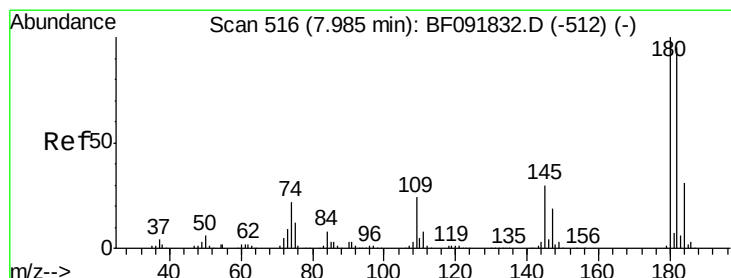
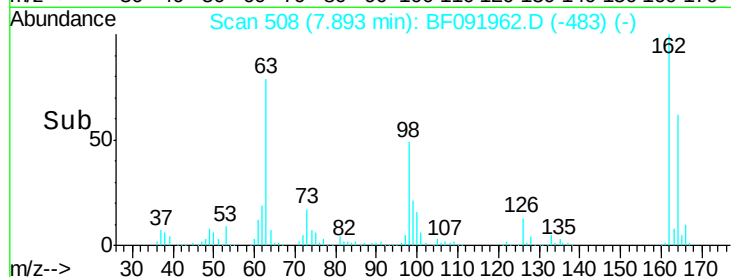
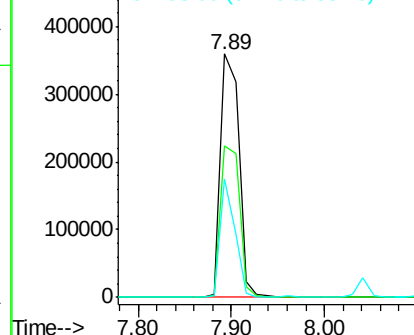
#29
2,4-Dichlorophenol
Concen: 37.42 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.5	46.8	86.8
98	48.7	9.1	49.1

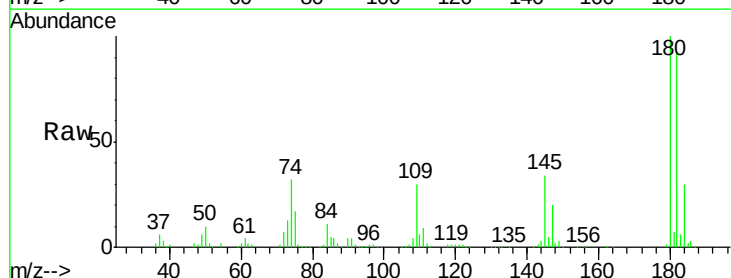


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

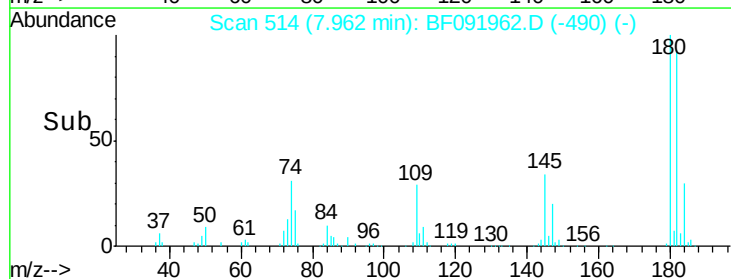
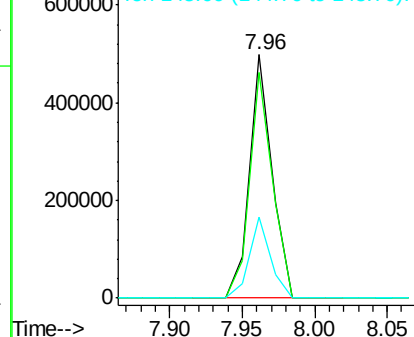


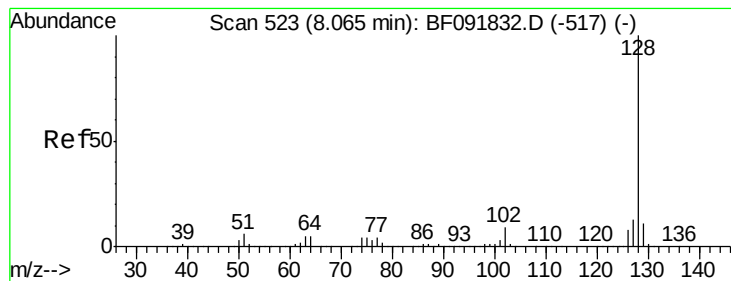
#30
1,2,4-Trichlorobenzene
Concen: 37.33 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.02 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	78.2	117.4
145	33.5	21.6	32.4#



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





#31

Naphthalene

Concen: 37.09 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

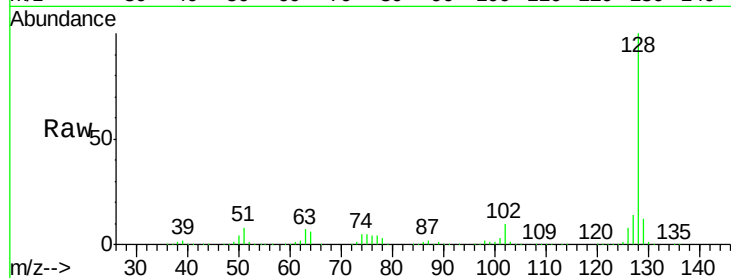
Tgt Ion:128 Resp: 1677446

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

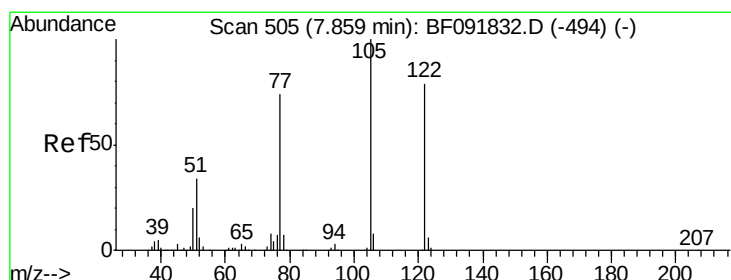
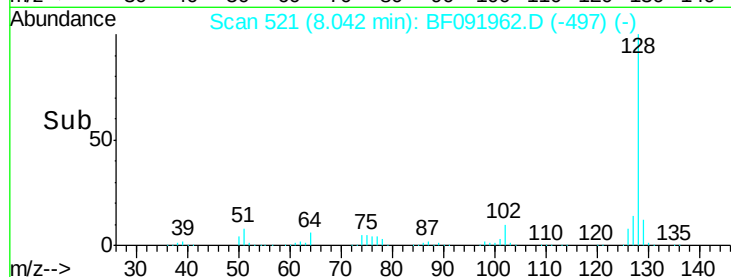
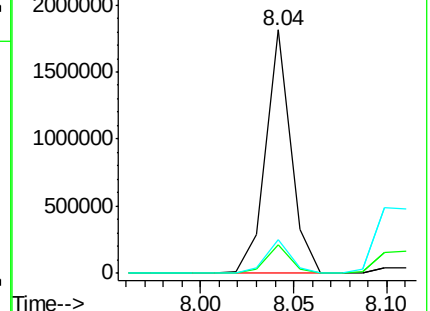
127 13.6 10.8 16.2



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: 38.67 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

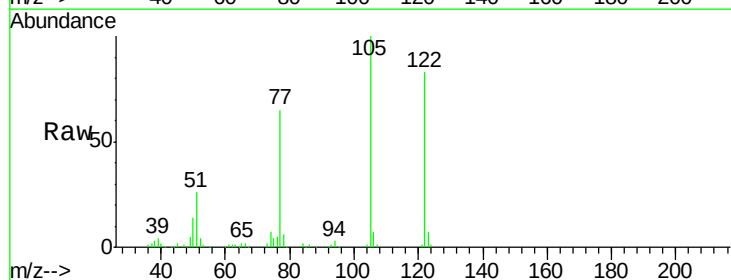
Tgt Ion:122 Resp: 444070

Ion Ratio Lower Upper

122 100

105 120.6 107.2 147.2

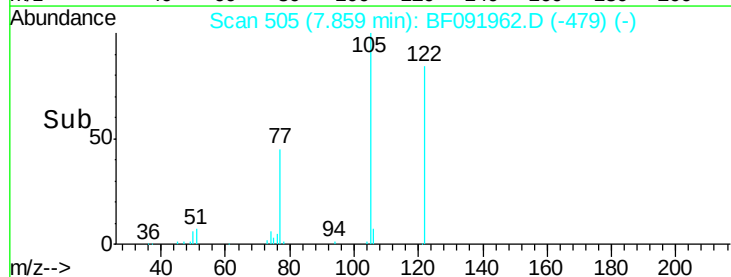
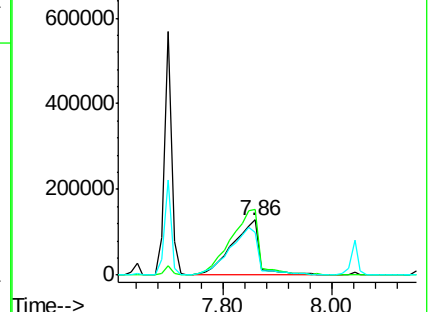
77 78.3 74.5 114.5

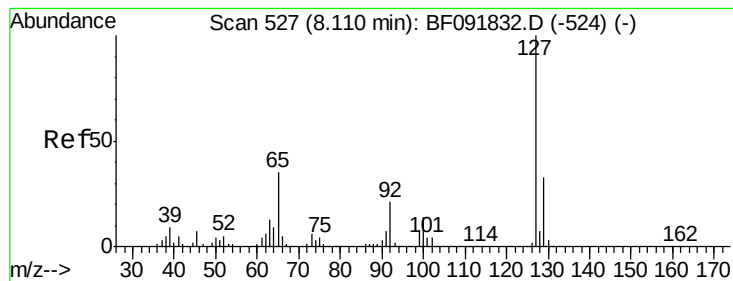


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 36.24 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 739192

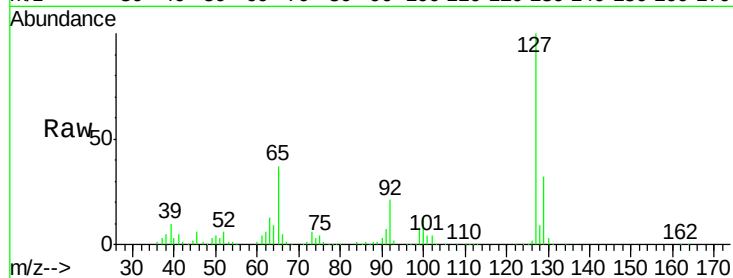
Ion Ratio Lower Upper

127 100

129 31.5 26.3 39.5

65 37.0 25.8 38.8

92 21.1 16.1 24.1

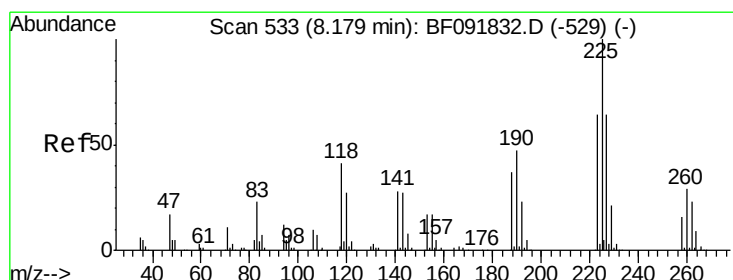
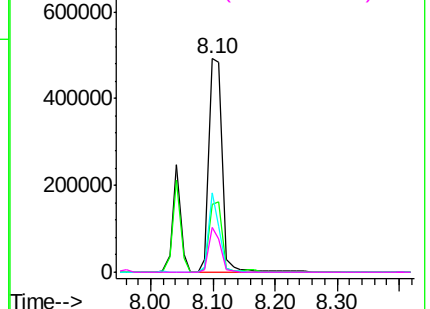
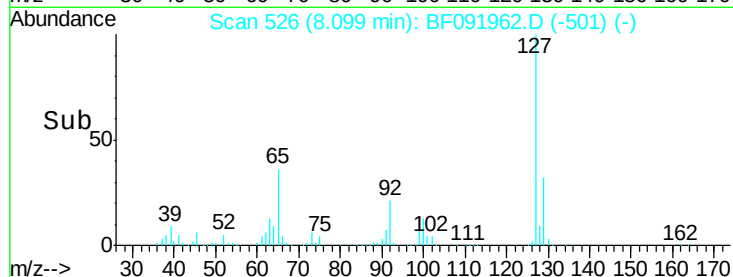


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.08 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

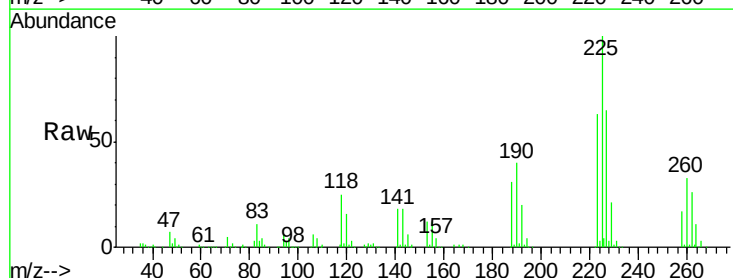
Tgt Ion:225 Resp: 311554

Ion Ratio Lower Upper

225 100

223 63.1 51.0 76.6

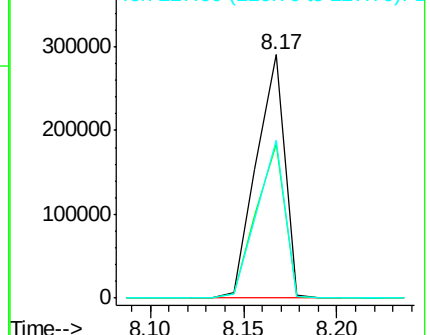
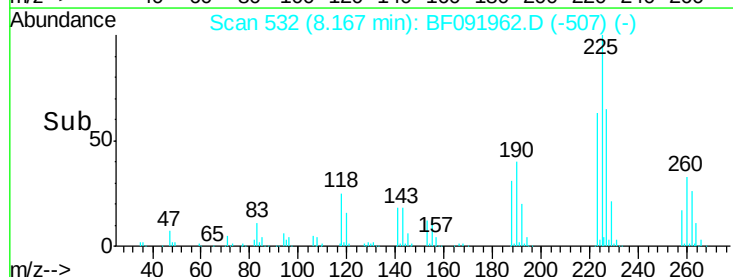
227 64.9 50.6 76.0

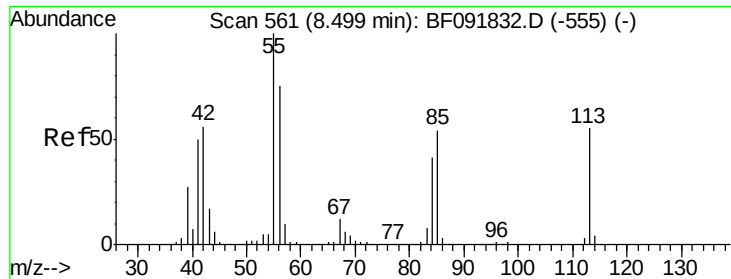


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

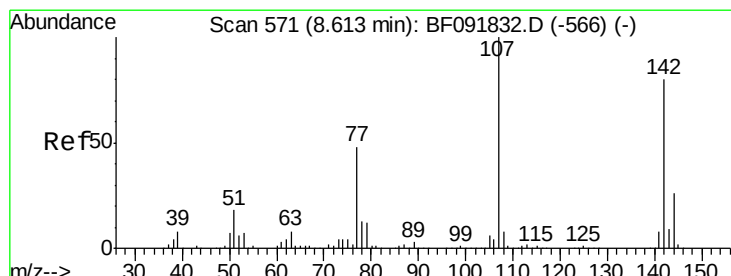
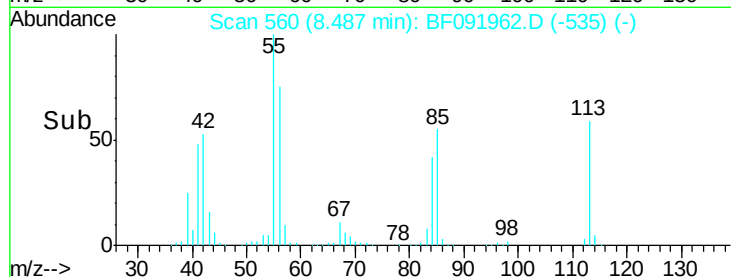
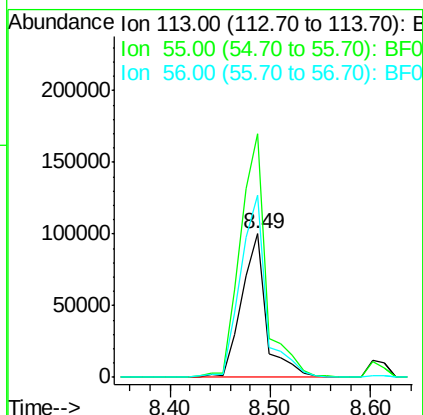
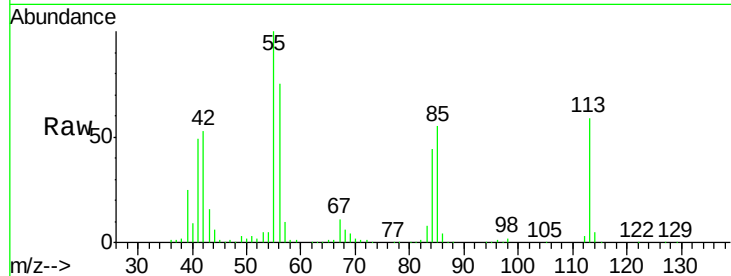




#35
Caprolactam
Concen: 39.42 ng
RT: 8.49 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

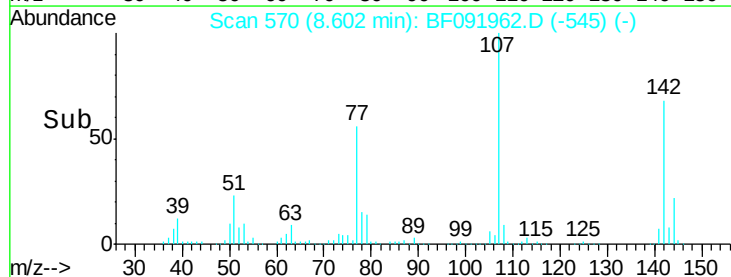
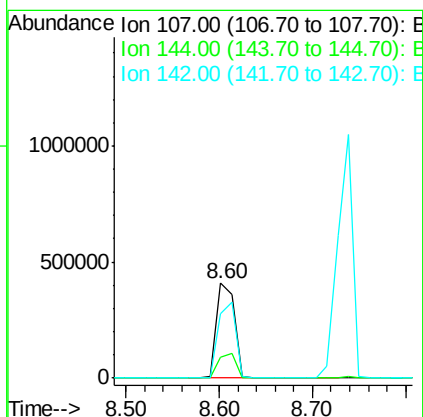
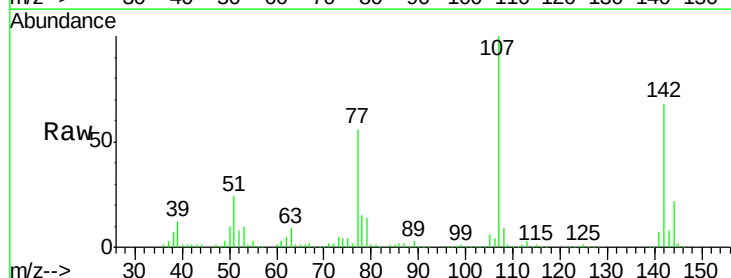
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

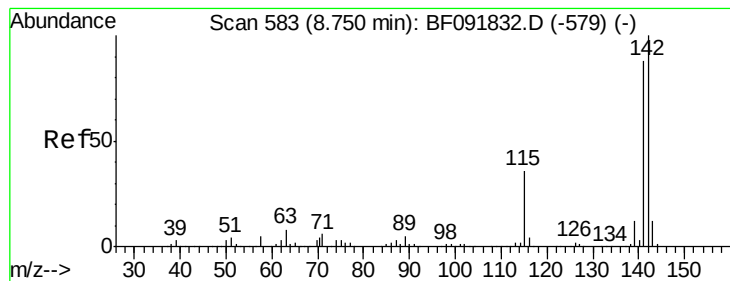
Tgt Ion:113 Resp: 169830
Ion Ratio Lower Upper
113 100
55 169.8 119.2 159.2#
56 126.6 83.8 123.8#



#36
4-Chloro-3-methylphenol
Concen: 36.10 ng
RT: 8.60 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Tgt Ion:107 Resp: 544584
Ion Ratio Lower Upper
107 100
144 21.6 19.3 28.9
142 67.8 59.0 88.6





#37

2-Methylnaphthalene

Concen: 42.25 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

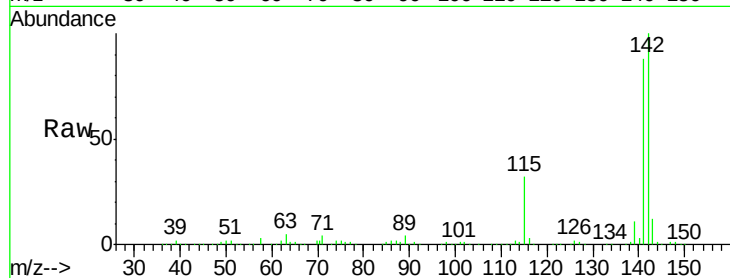
Tgt Ion:142 Resp: 1183767

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6

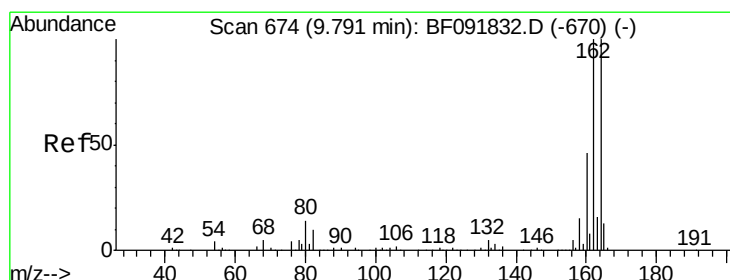
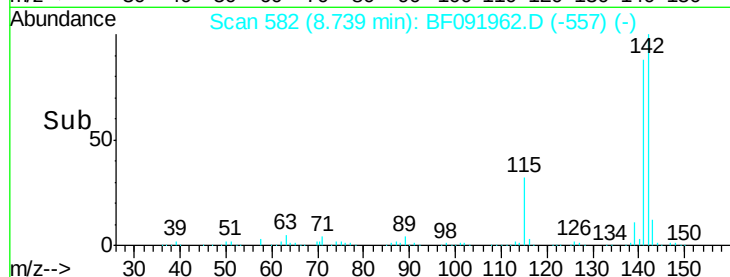
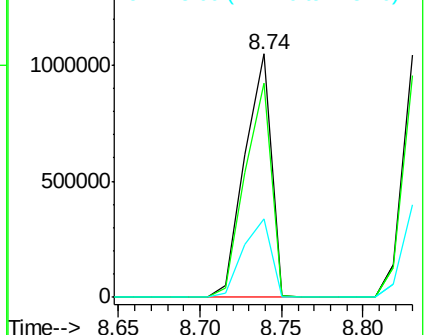
115 32.0 28.3 42.5



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: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

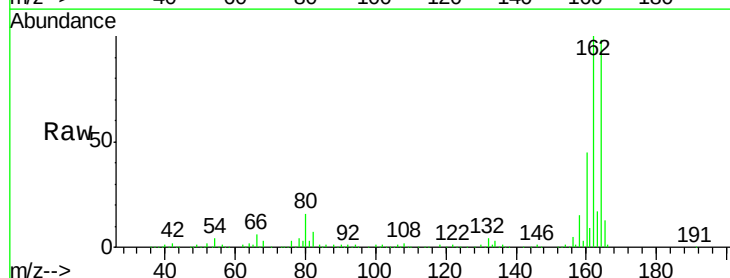
Tgt Ion:164 Resp: 515483

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

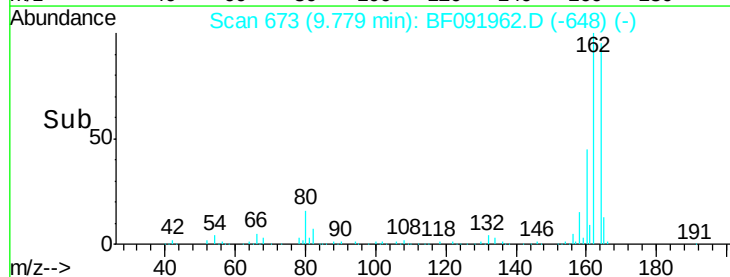
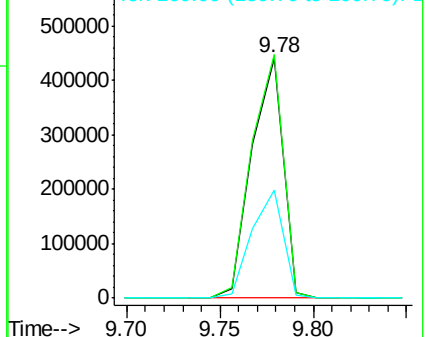
160 45.3 36.9 55.3

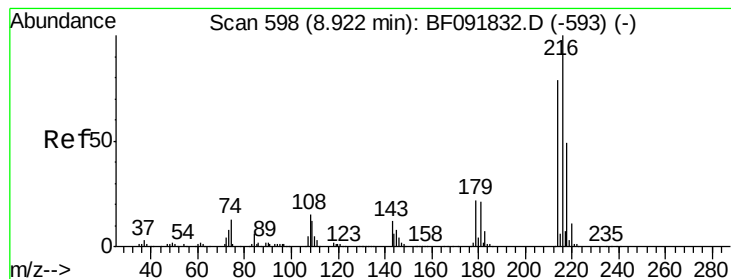


Abundance Ion 164.00 (163.70 to 164.70): E

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: 35.59 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 463457

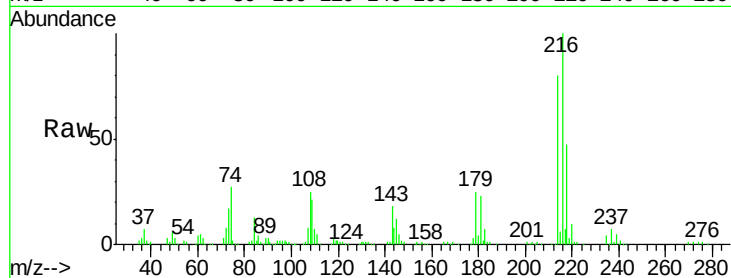
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 22.8 17.4 26.2

108 22.3 15.6 23.4

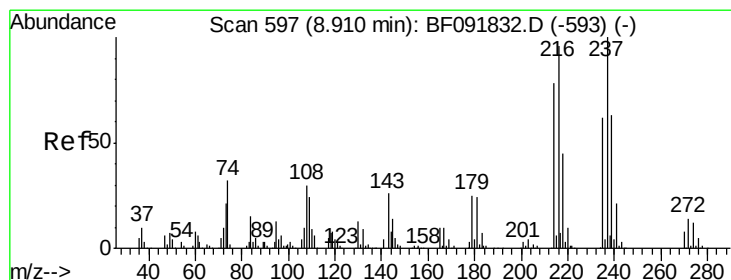
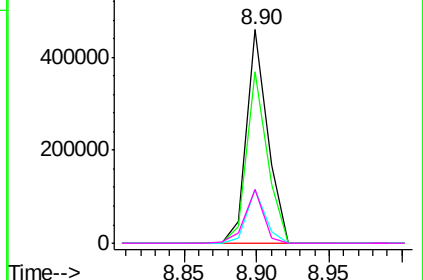
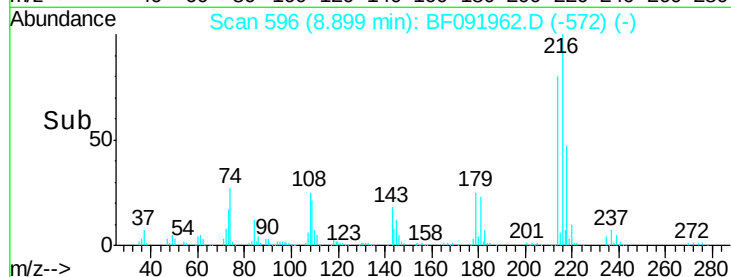


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.64 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.02 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

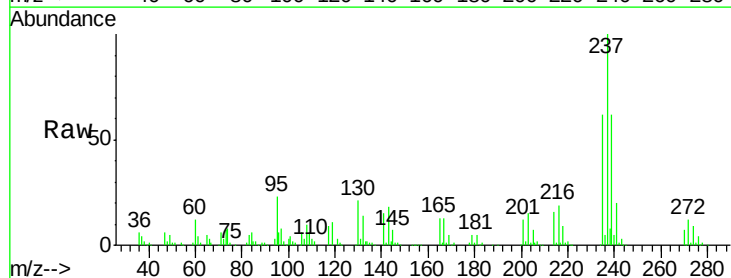
Tgt Ion:237 Resp: 199344

Ion Ratio Lower Upper

237 100

235 62.4 41.2 81.2

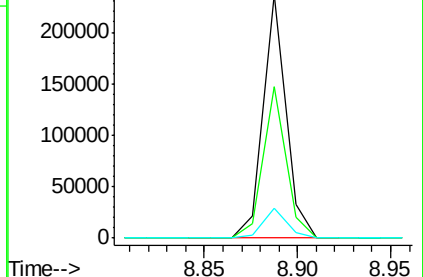
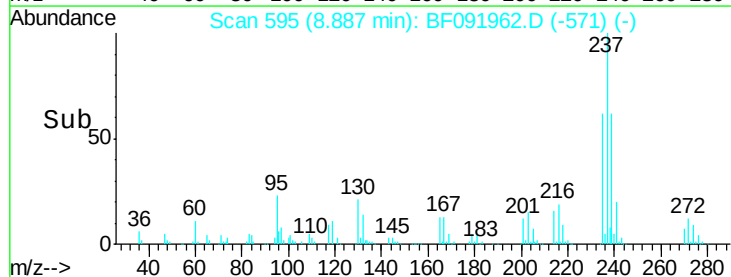
272 12.1 0.0 35.4

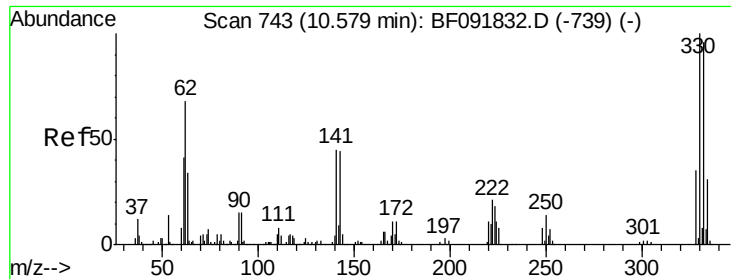


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

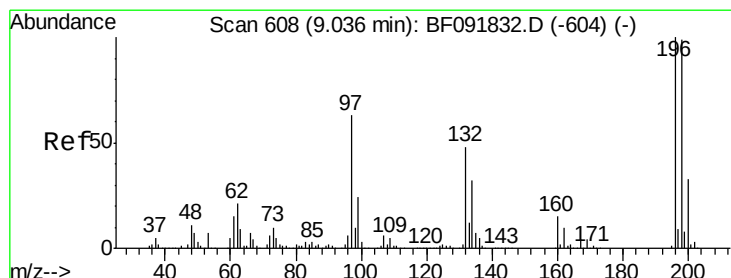
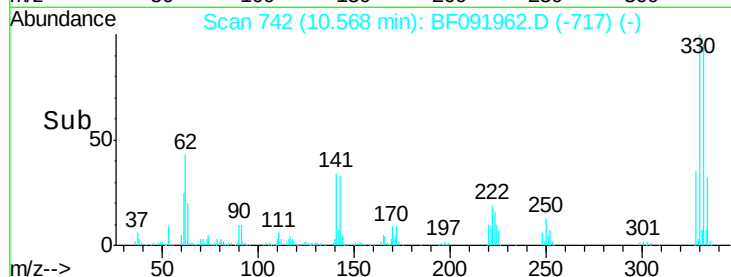
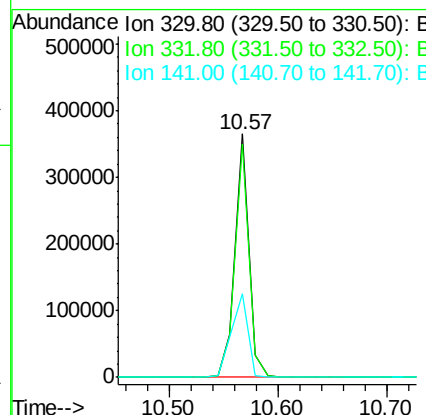
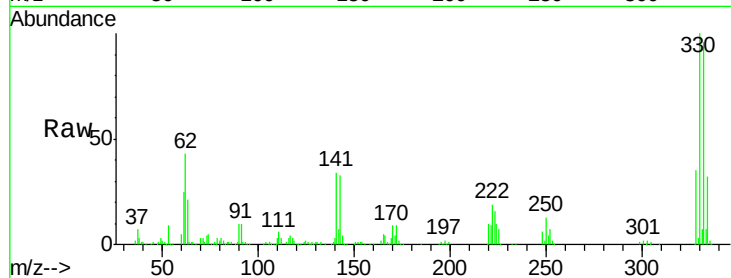




#41
 2,4,6-Tribromophenol
 Concen: 75.91 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

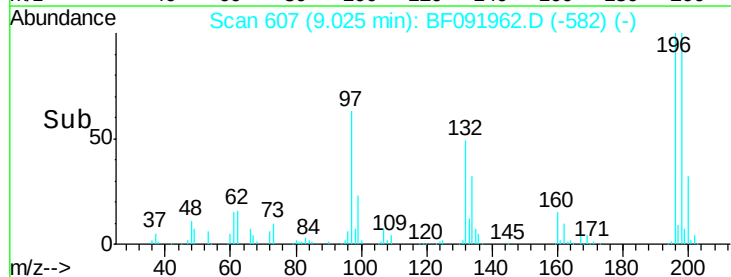
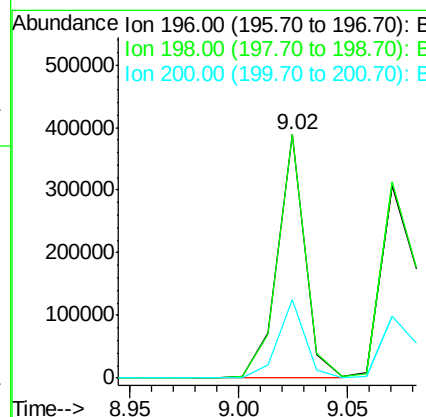
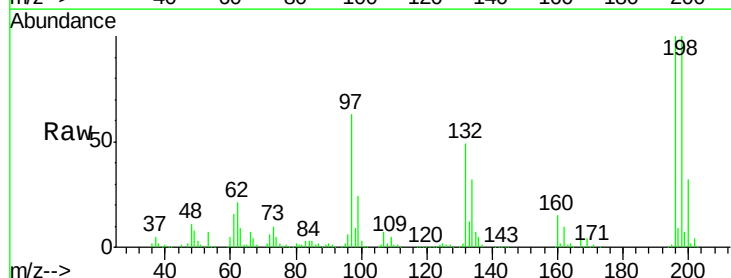
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

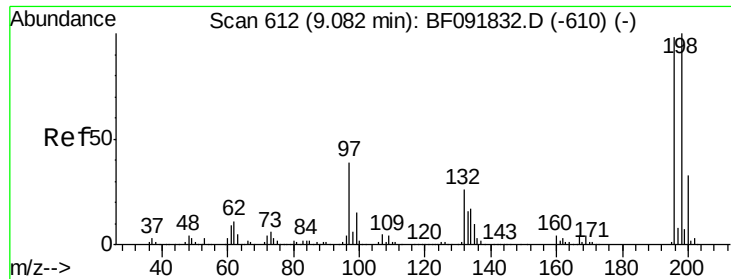
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	40.5	34.1	51.1



#42
 2,4,6-Trichlorophenol
 Concen: 37.89 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	82.1	123.1
200	32.2	27.0	40.4

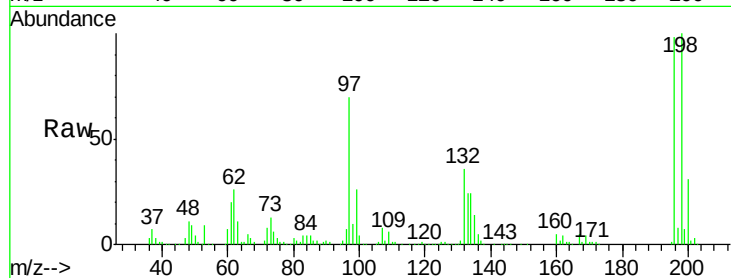




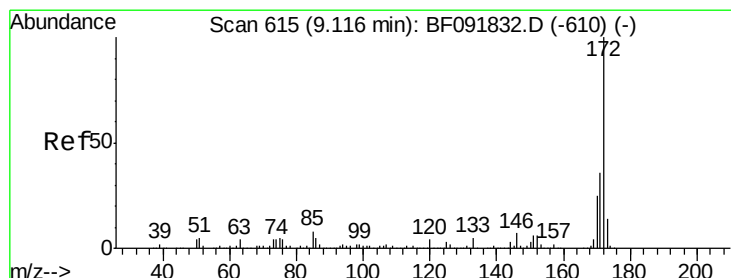
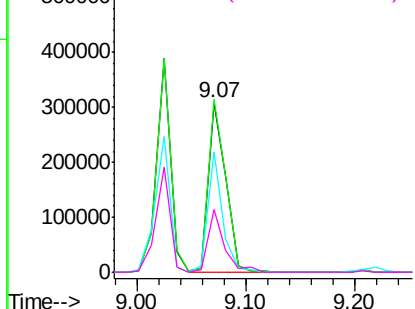
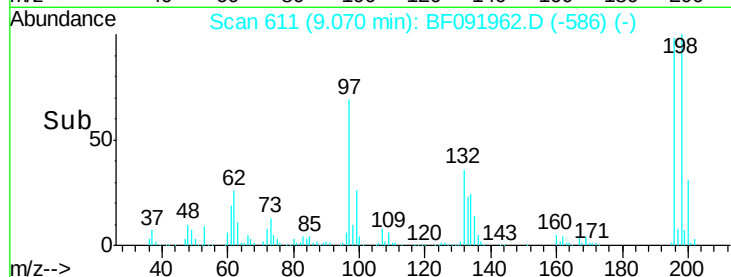
#43
 2,4,5-Trichlorophenol
 Concen: 37.01 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
196	100		
198	102.0	79.4	119.2
97	71.0	51.5	77.3
132	37.2	27.4	41.2

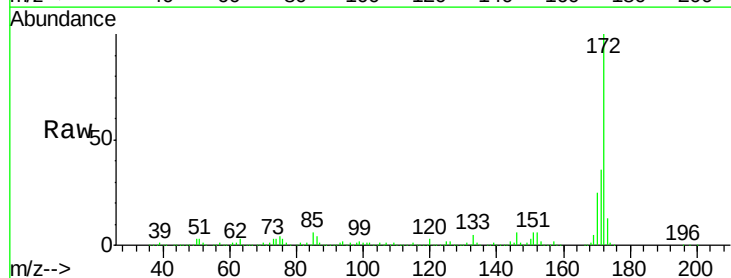


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

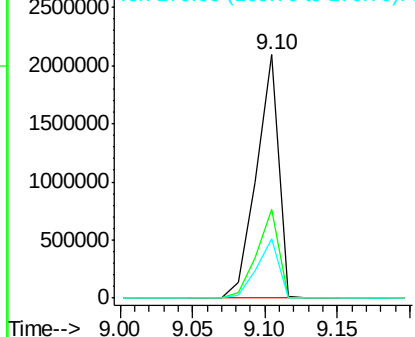
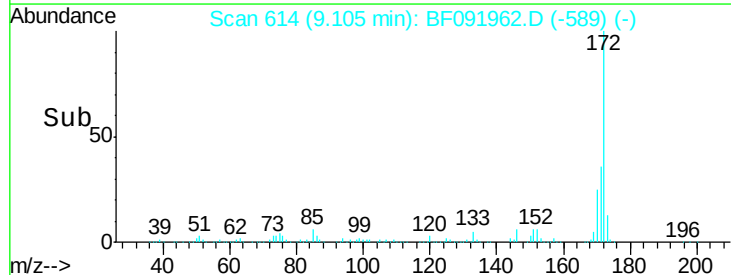


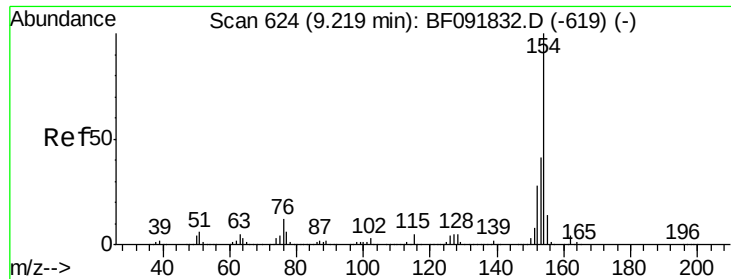
#44
 2-Fluorobiphenyl
 Concen: 89.09 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

Tgt Ion	Resp	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.6	20.2	30.4



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

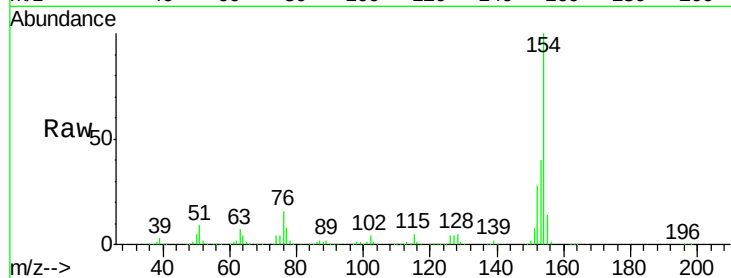




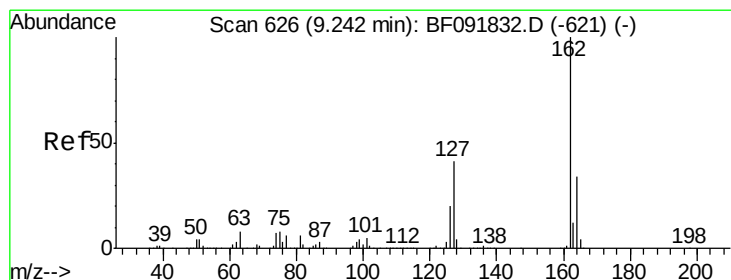
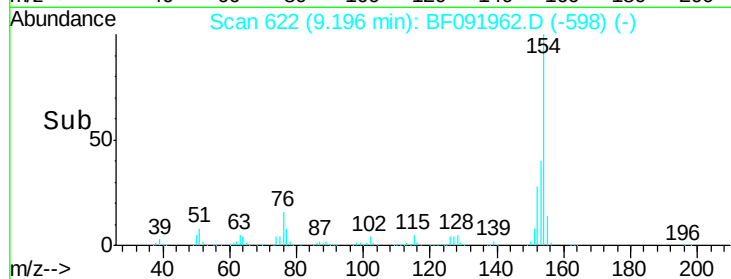
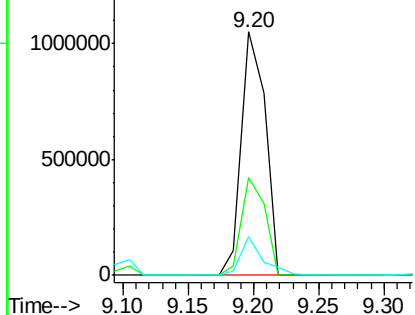
#45
 1,1'-Biphenyl
 Concen: 37.84 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1335438
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.9 60.9
 76 16.2 0.0 30.5

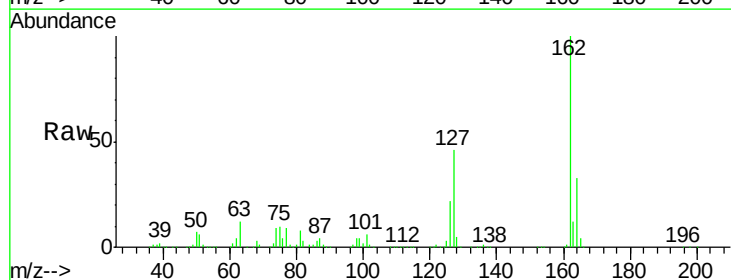


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

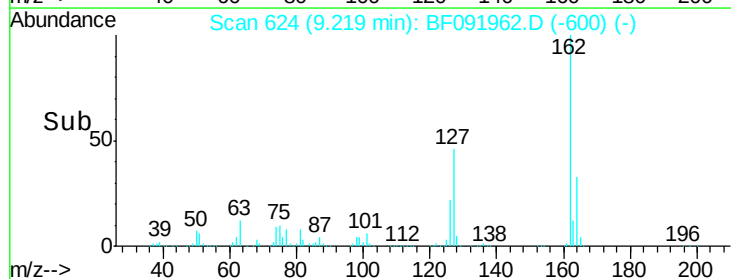
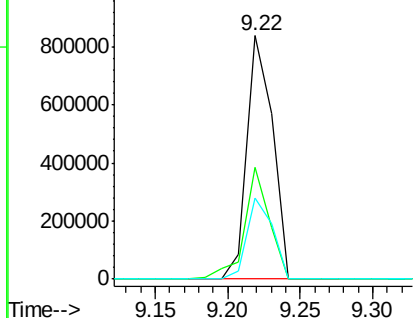


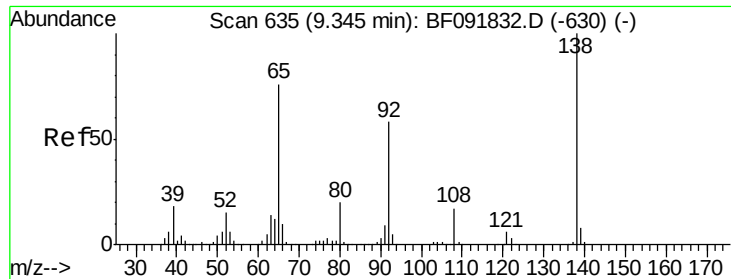
#46
 2-Chloronaphthalene
 Concen: 36.82 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

Tgt Ion:162 Resp: 1029036
 Ion Ratio Lower Upper
 162 100
 127 46.0 30.7 46.1
 164 33.3 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: 42.89 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

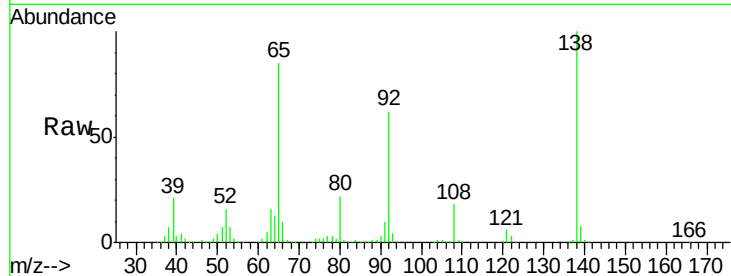
Tgt Ion: 65 Resp: 426864

Ion Ratio Lower Upper

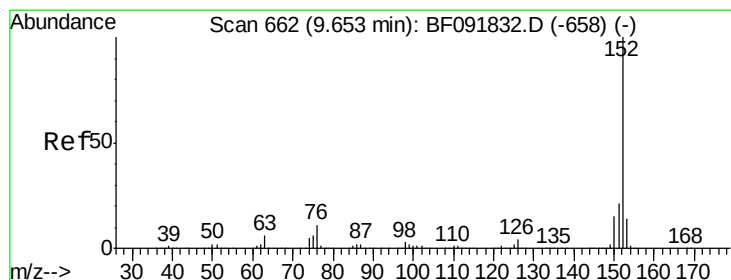
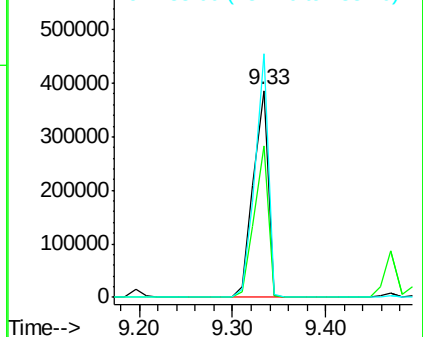
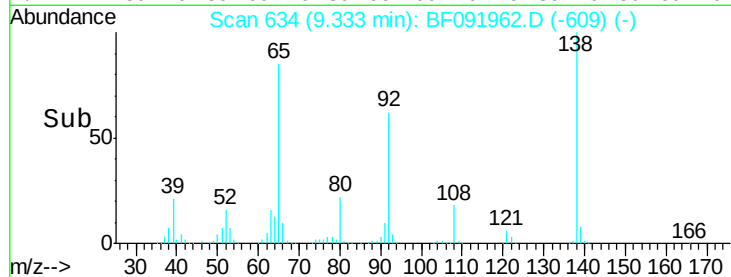
65 100

92 73.2 53.9 80.9

138 117.8 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): E



#48

Acenaphthylene

Concen: 39.04 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

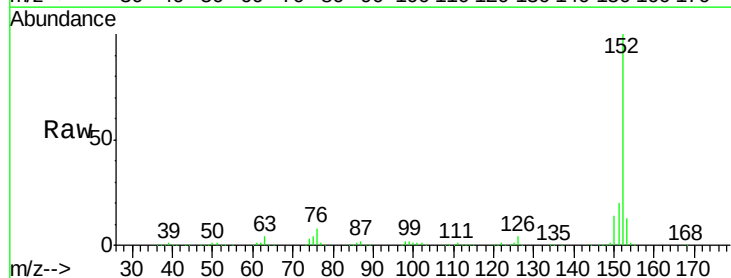
Tgt Ion: 152 Resp: 1678186

Ion Ratio Lower Upper

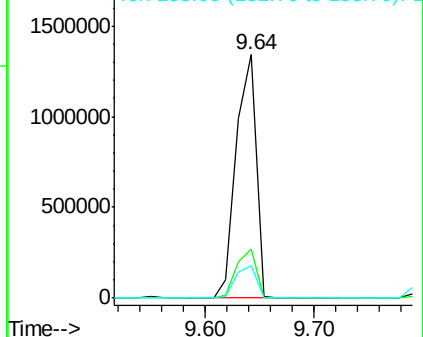
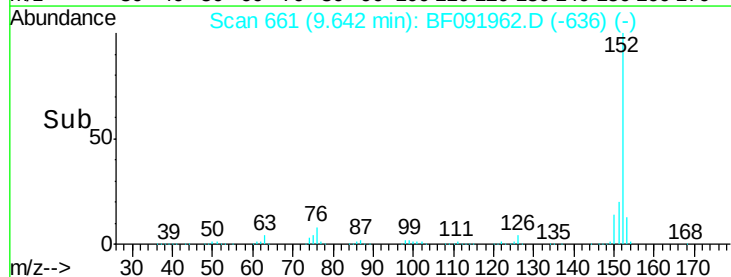
152 100

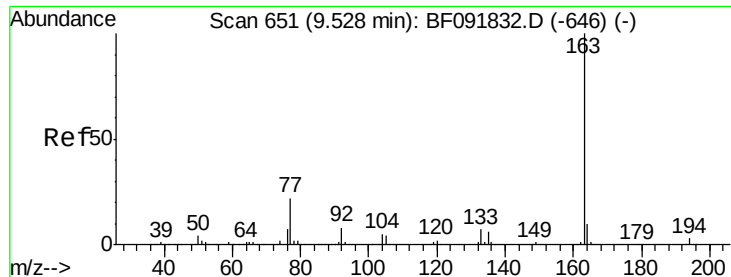
151 20.2 16.9 25.3

153 13.4 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

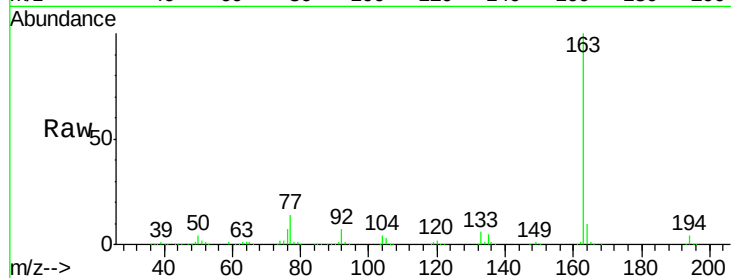




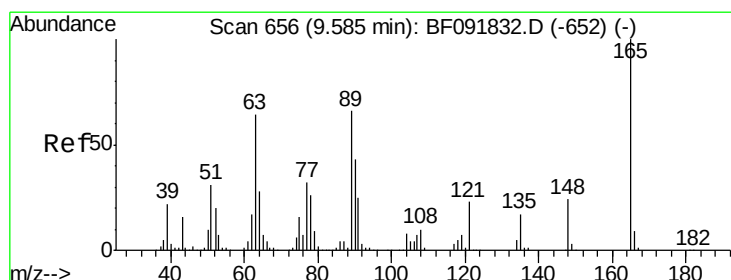
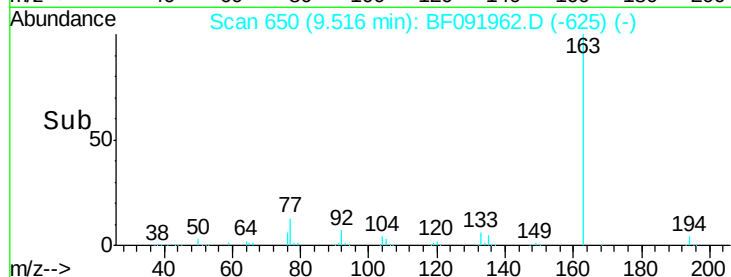
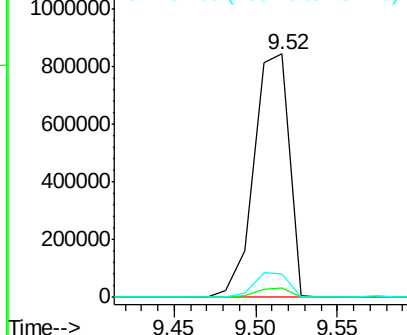
#49
Dimethylphthalate
Concen: 38.49 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 1268935
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.7 8.0 12.0

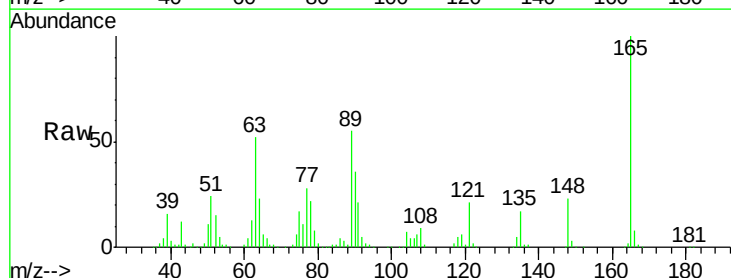


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

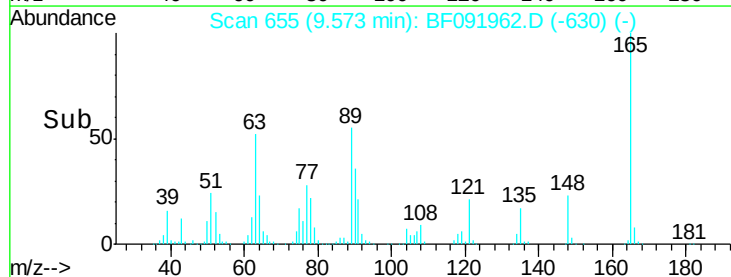
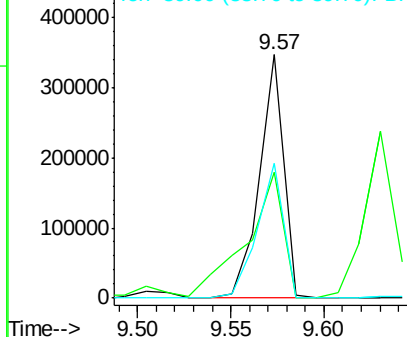


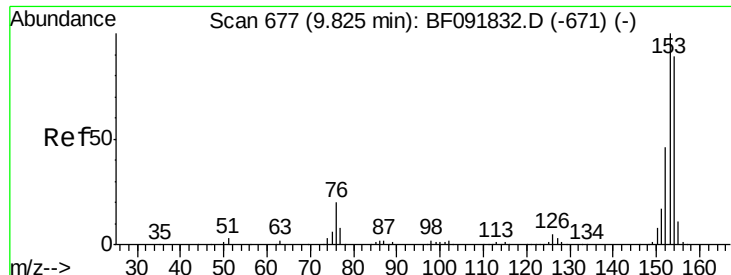
#50
2,6-Dinitrotoluene
Concen: 42.71 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Tgt Ion:165 Resp: 308203
Ion Ratio Lower Upper
165 100
63 51.7 36.2 54.4
89 55.3 40.2 60.4



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





#51

Acenaphthene

Concen: 38.27 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

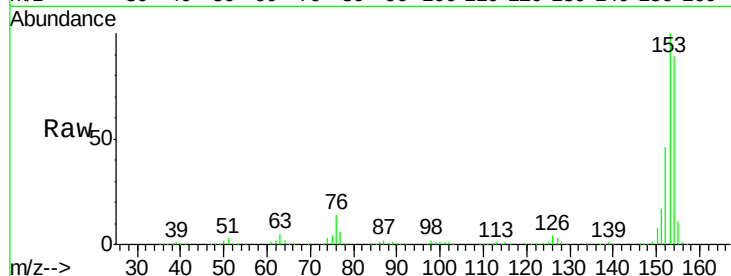
Tgt Ion:154 Resp: 1115219

Ion Ratio Lower Upper

154 100

153 111.9 88.6 133.0

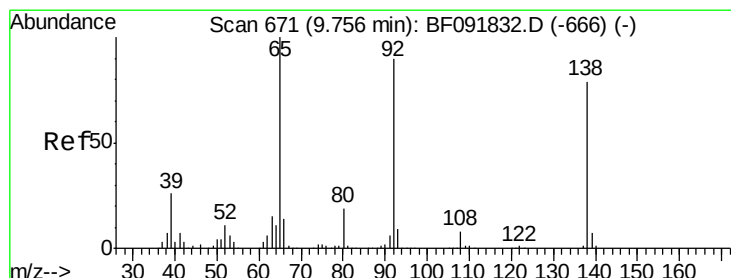
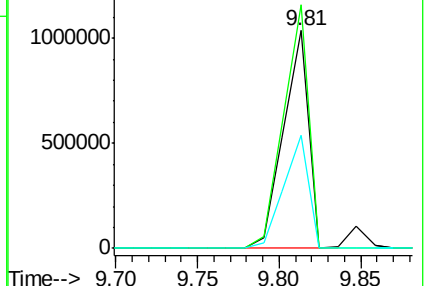
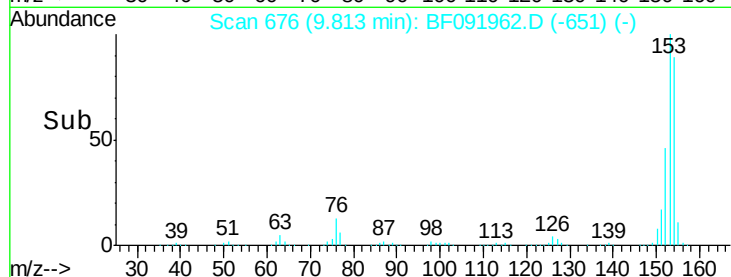
152 52.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.35 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

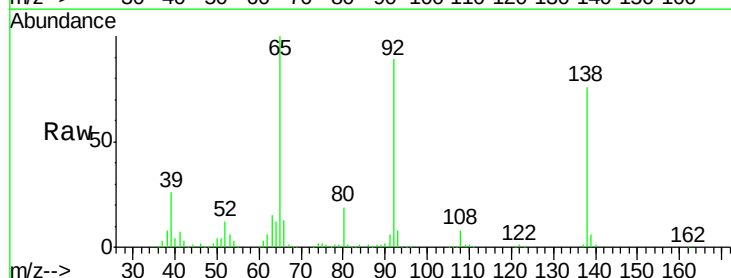
Tgt Ion:138 Resp: 342495

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

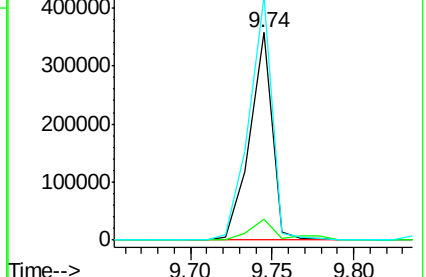
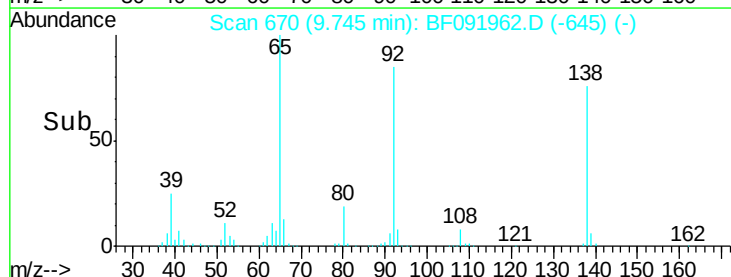
92 117.3 97.8 146.8

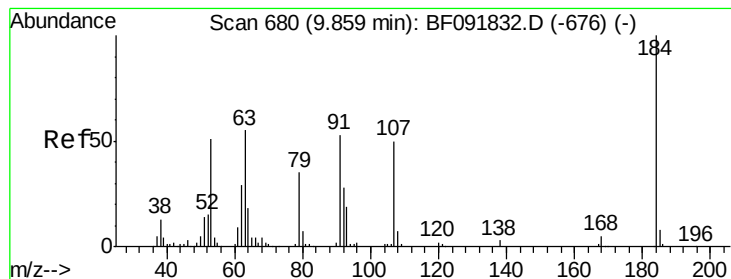


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 36.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

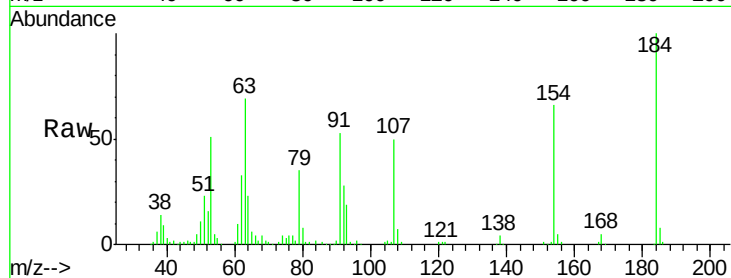
Tgt Ion:184 Resp: 144534

Ion Ratio Lower Upper

184 100

63 69.3 28.4 42.6#

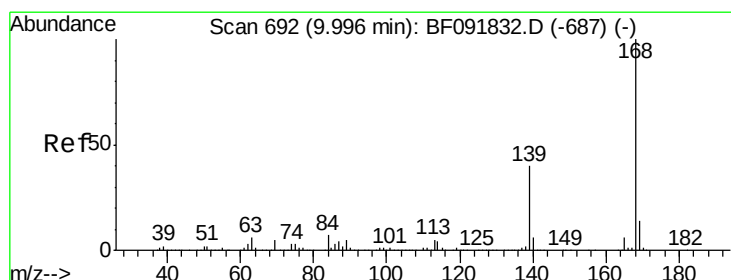
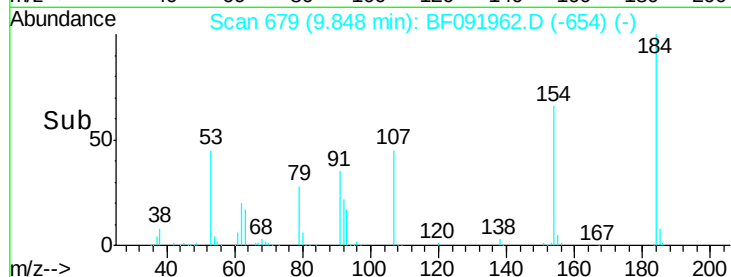
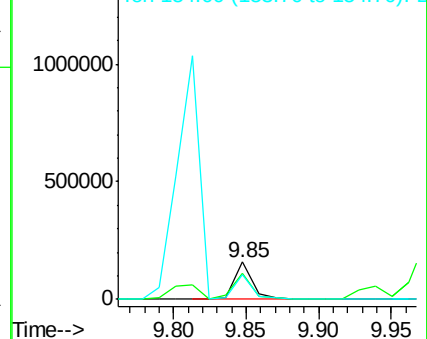
154 66.3 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.89 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

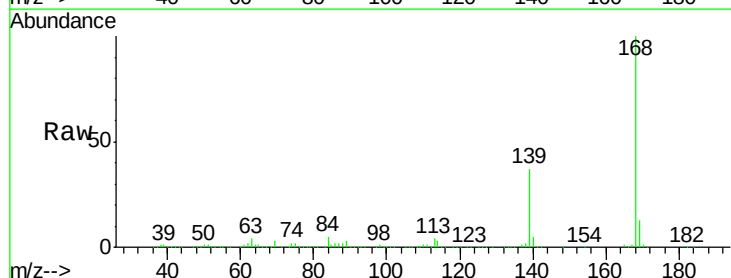
Tgt Ion:168 Resp: 1451925

Ion Ratio Lower Upper

168 100

139 36.9 32.6 49.0

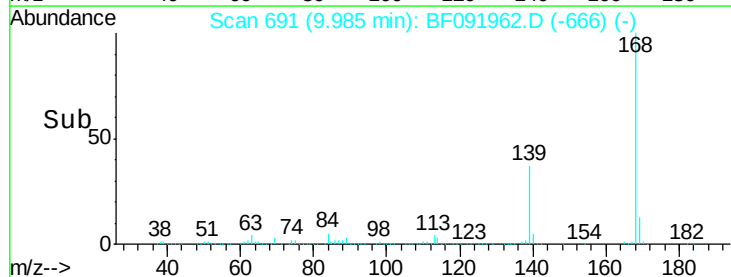
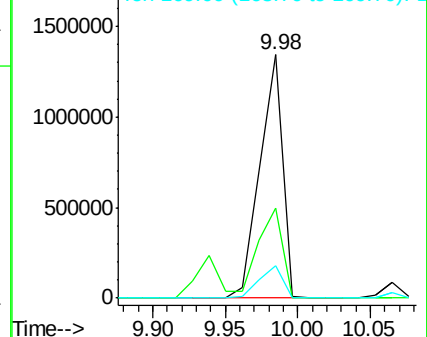
169 13.3 11.3 16.9

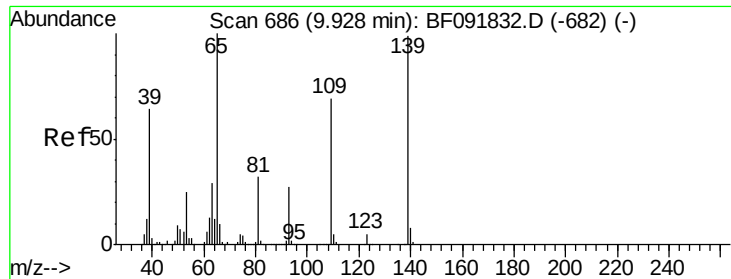


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

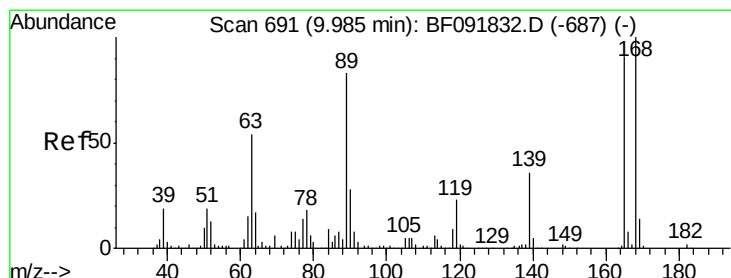
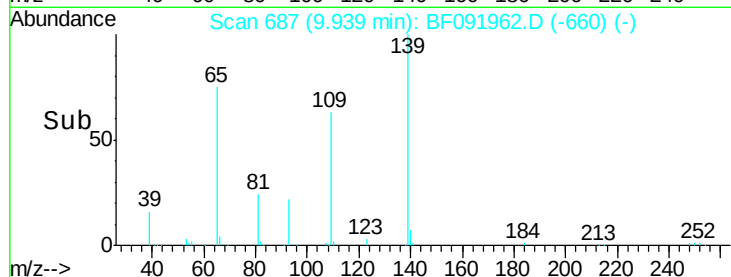
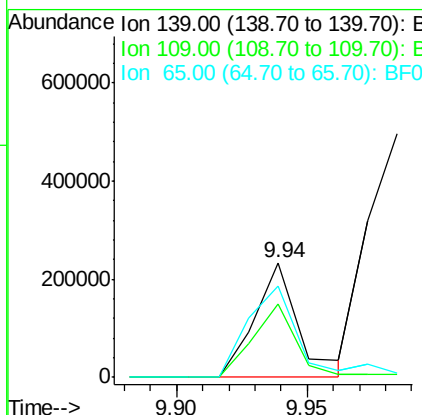
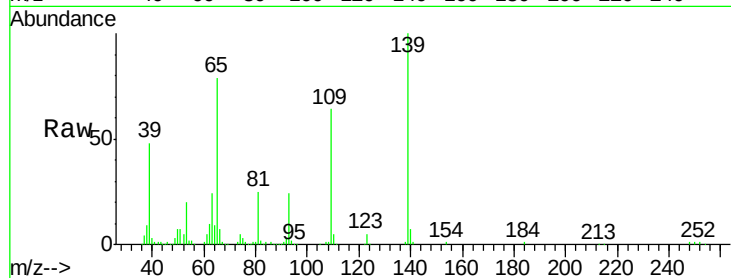




#55
4-Nitrophenol
Concen: 45.24 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

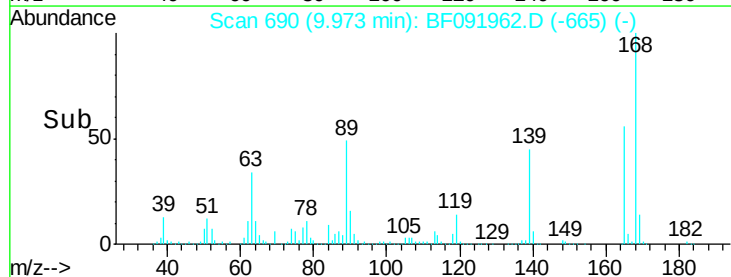
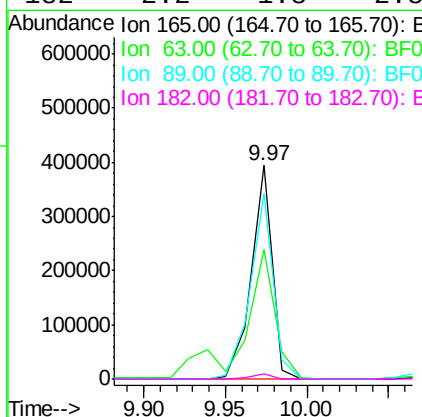
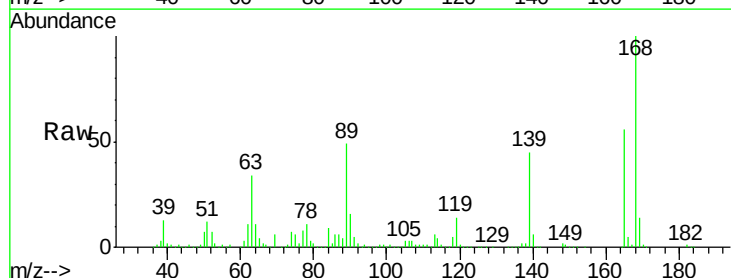
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

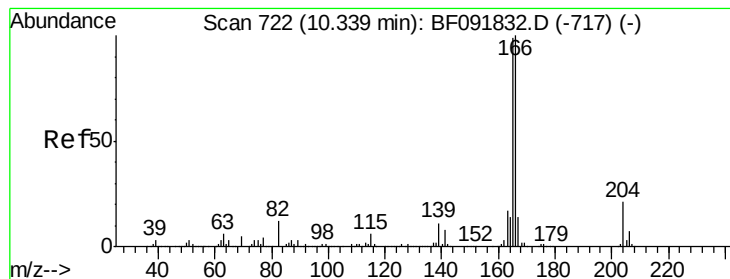
Tgt Ion:139 Resp: 274306
Ion Ratio Lower Upper
139 100
109 63.6 52.2 92.2
65 79.0 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 38.71 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Tgt Ion:165 Resp: 350595
Ion Ratio Lower Upper
165 100
63 60.5 40.2 60.4#
89 86.6 62.5 93.7
182 2.2 1.8 2.8





#57

Fluorene

Concen: 39.45 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

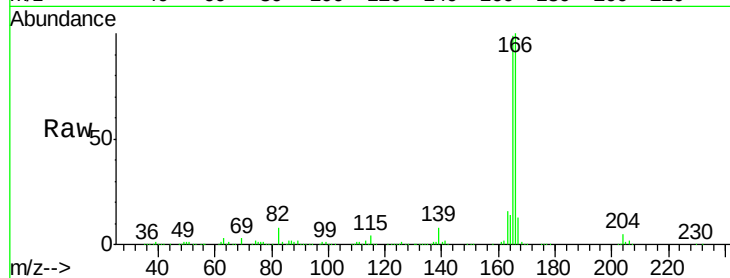
Tgt Ion:166 Resp: 1129576

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

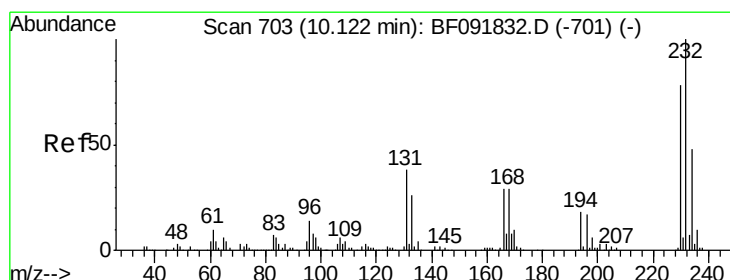
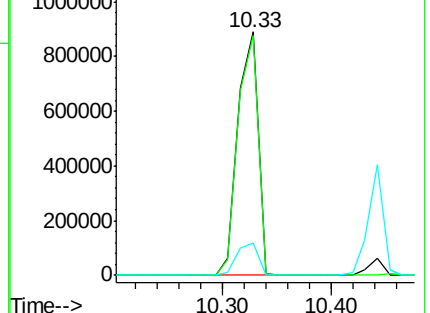
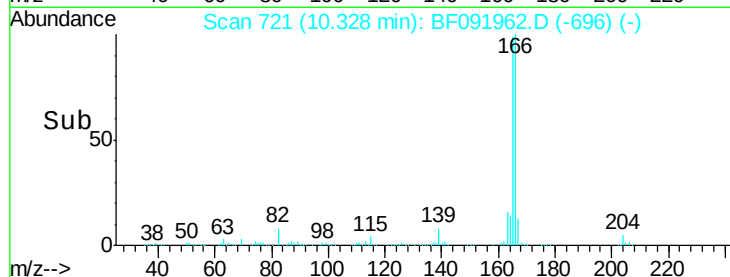
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.20 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Tgt Ion:232 Resp: 305472

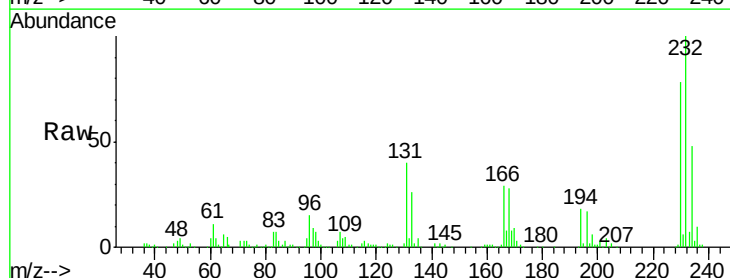
Ion Ratio Lower Upper

232 100

131 48.1 40.1 60.1

130 2.3 1.8 2.8

166 31.4 26.6 39.8

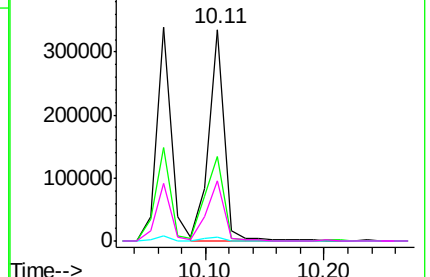
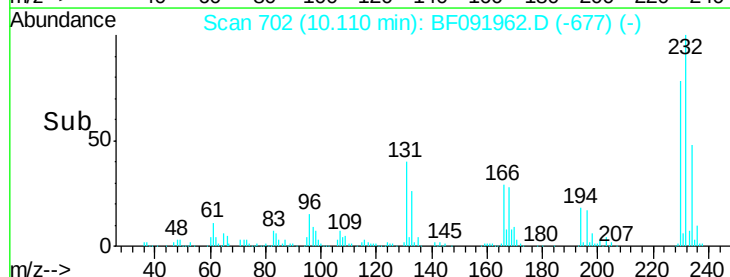


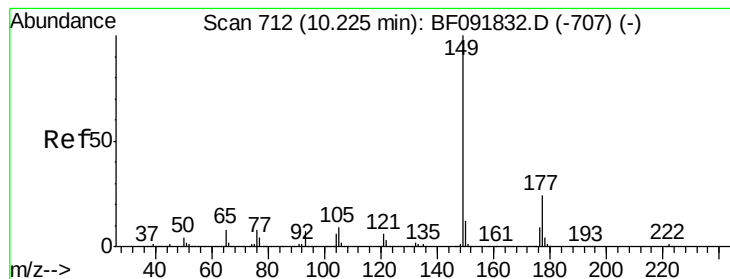
Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.63 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

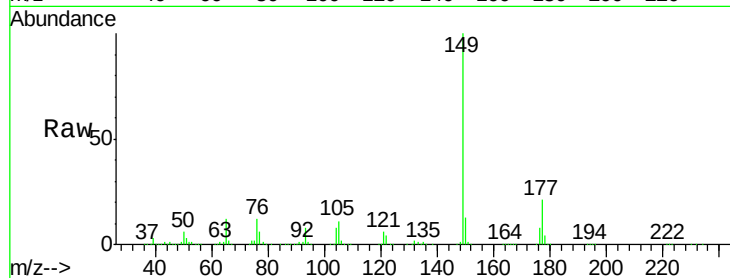
Tgt Ion:149 Resp: 1140724

Ion Ratio Lower Upper

149 100

177 20.9 16.6 25.0

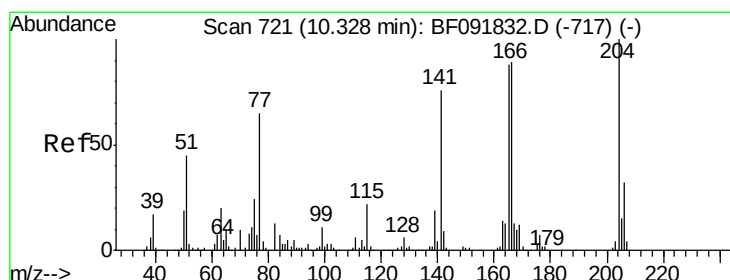
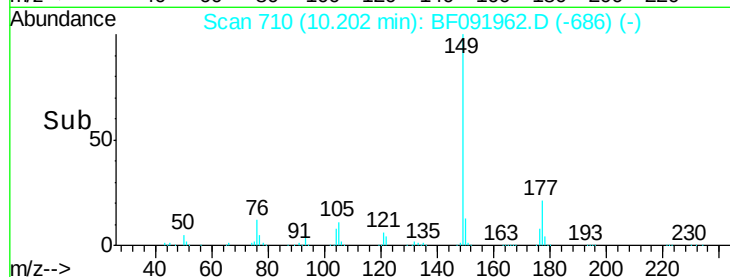
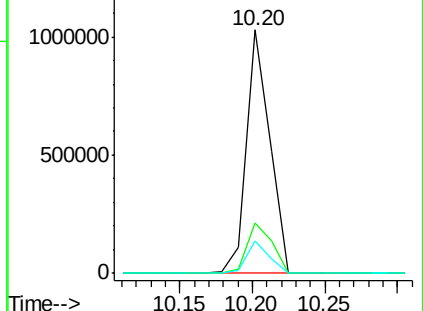
150 13.1 10.4 15.6



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: 38.80 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

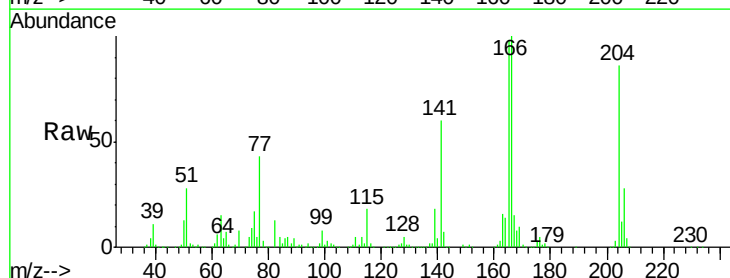
Tgt Ion:204 Resp: 486525

Ion Ratio Lower Upper

204 100

206 32.1 25.8 38.6

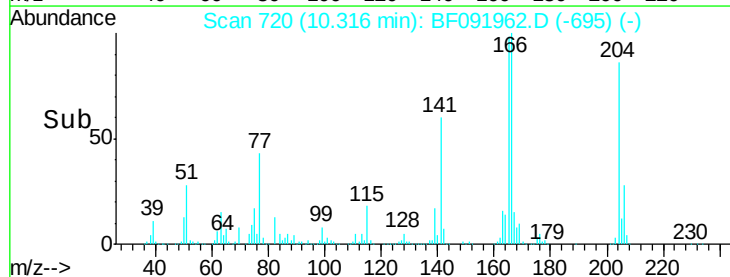
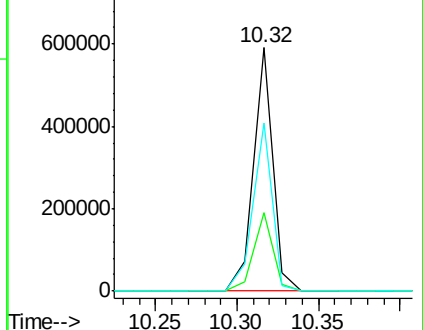
141 69.2 59.4 89.0

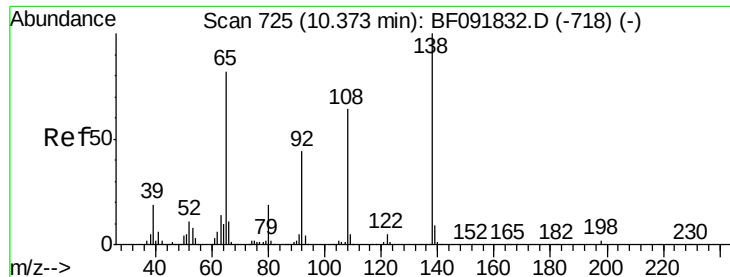


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

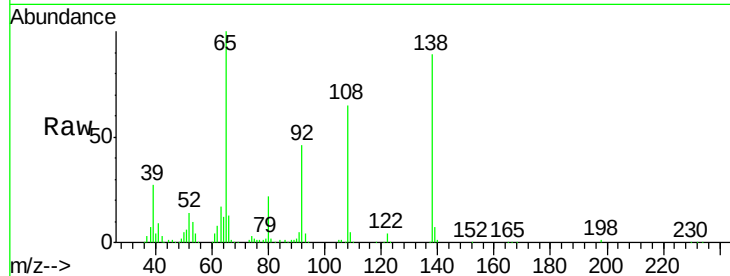




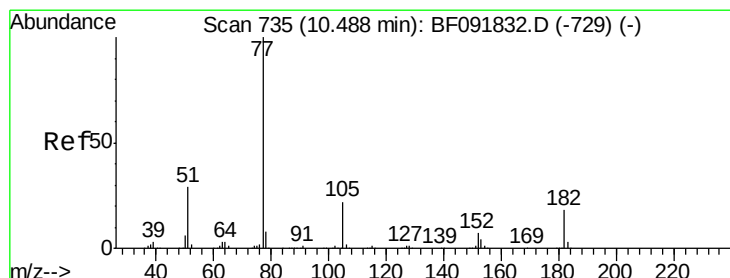
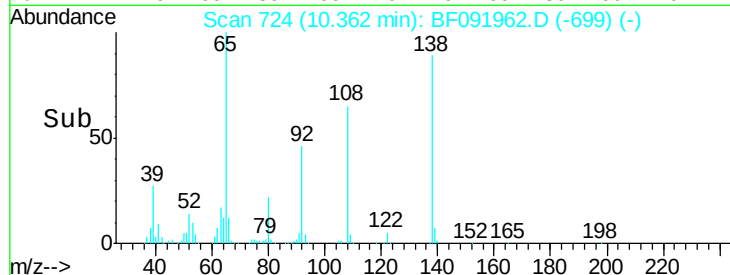
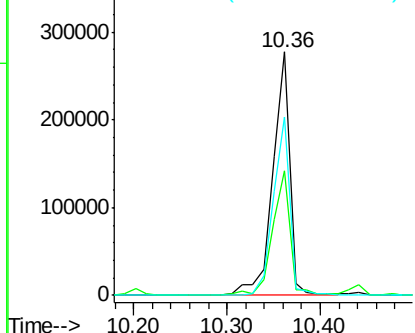
#61
4-Nitroaniline
Concen: 38.14 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 138 Resp: 352986
Ion Ratio Lower Upper
138 100
92 51.3 31.7 71.7
108 73.1 52.6 92.6

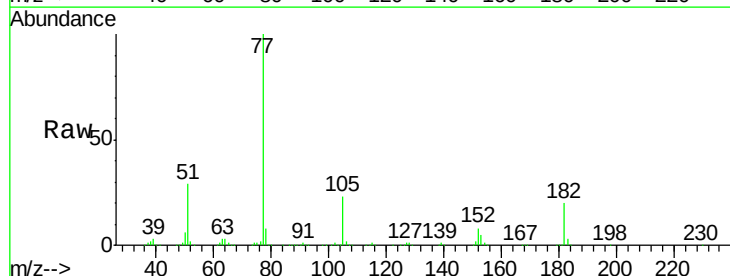


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

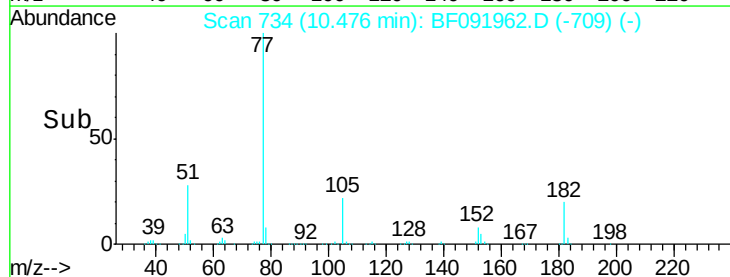
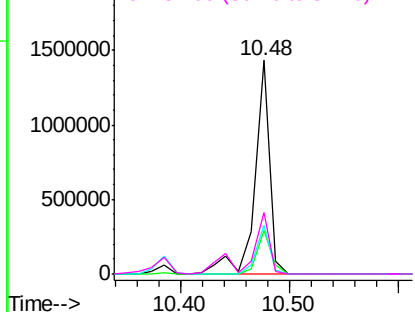


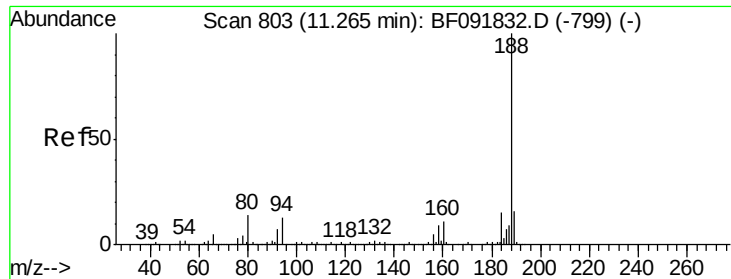
#62
Azobenzene
Concen: 38.99 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Tgt Ion: 77 Resp: 1374481
Ion Ratio Lower Upper
77 100
182 20.3 0.0 39.3
105 22.8 2.3 42.3
51 28.7 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

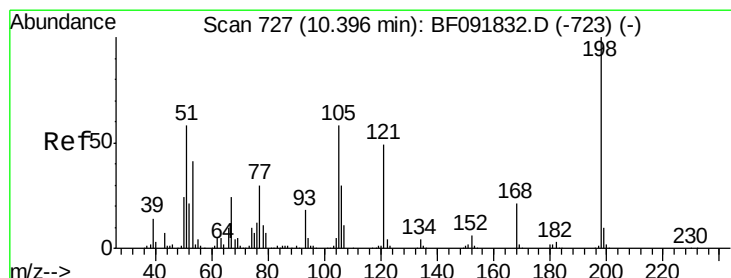
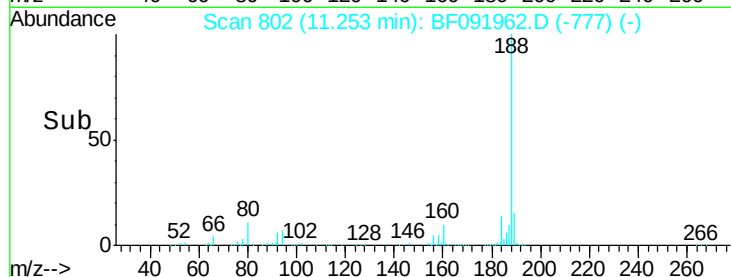
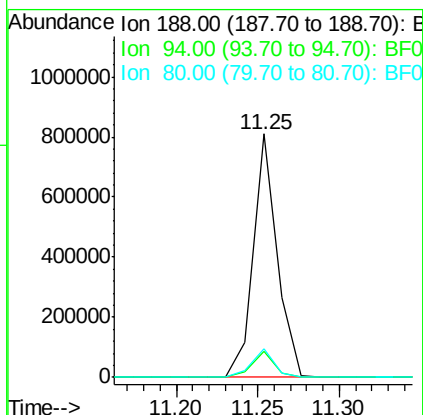
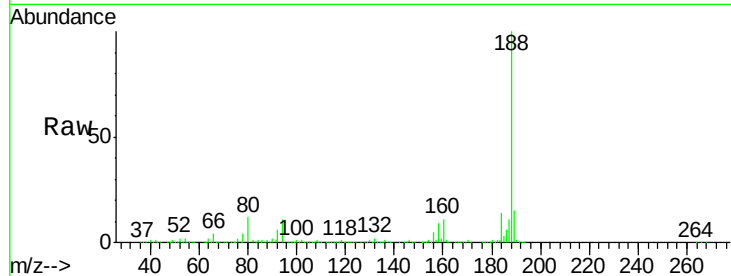




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

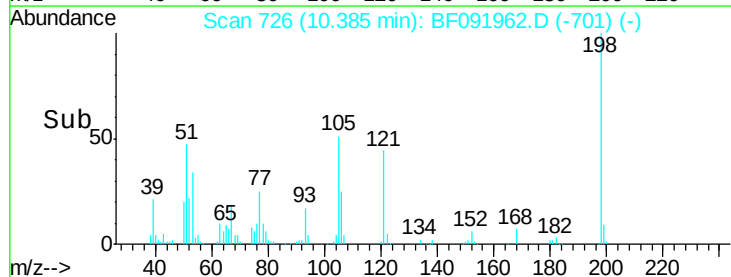
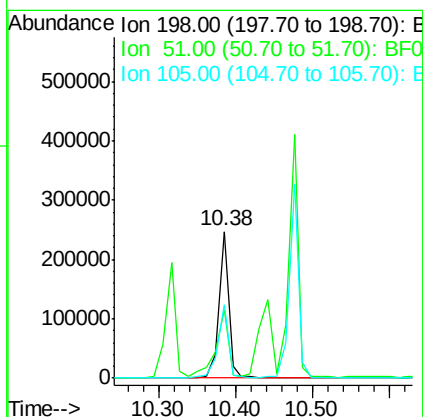
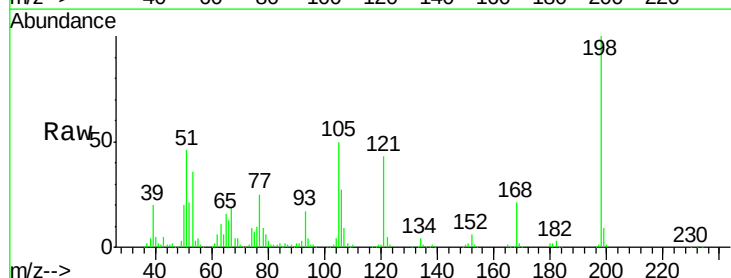
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

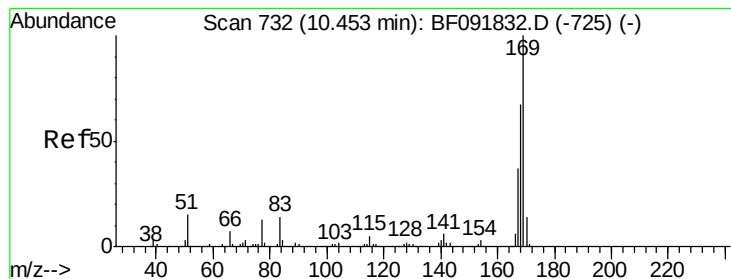
Tgt Ion:188 Resp: 824607
Ion Ratio Lower Upper
188 100
94 10.5 10.0 15.0
80 11.6 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 44.44 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Tgt Ion:198 Resp: 221574
Ion Ratio Lower Upper
198 100
51 46.4 6.7 46.7
105 49.7 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 42.11 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

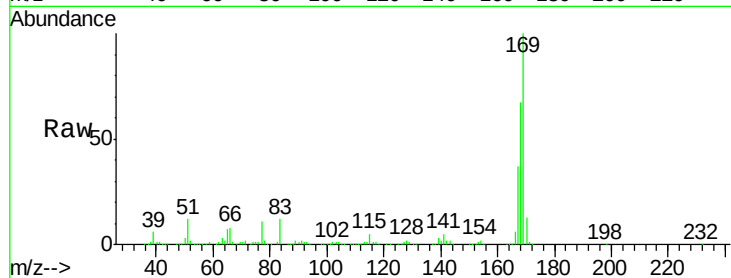
Tgt Ion:169 Resp: 1030325

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.2

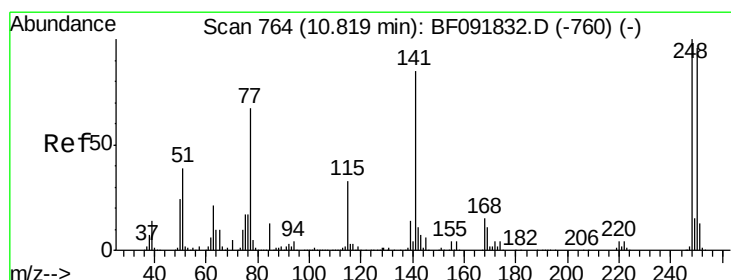
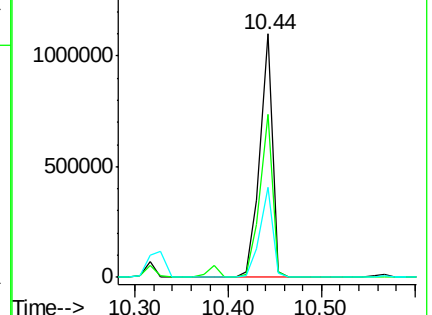
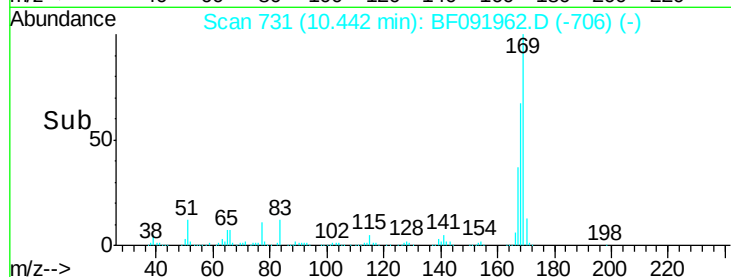
167 36.9 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.79 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

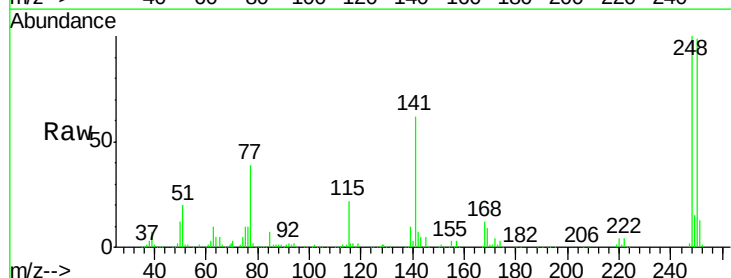
Tgt Ion:248 Resp: 349856

Ion Ratio Lower Upper

248 100

250 99.1 76.9 115.3

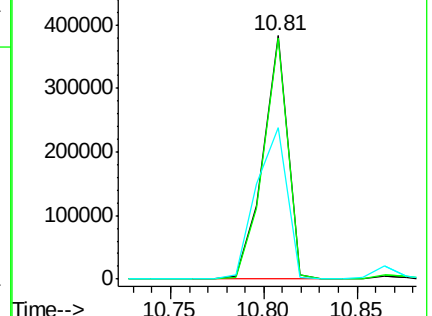
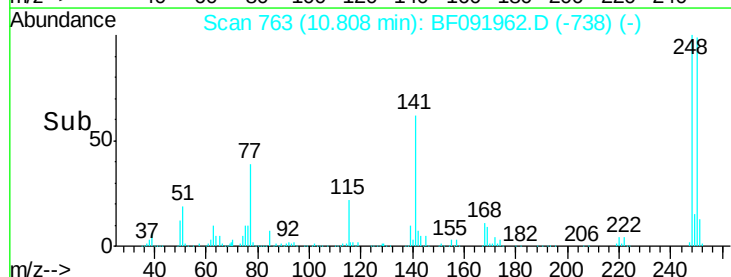
141 62.1 68.2 102.4#

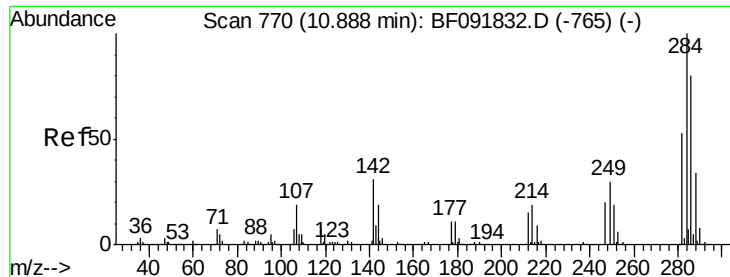


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

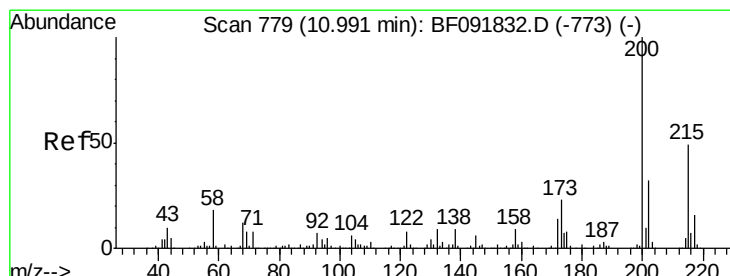
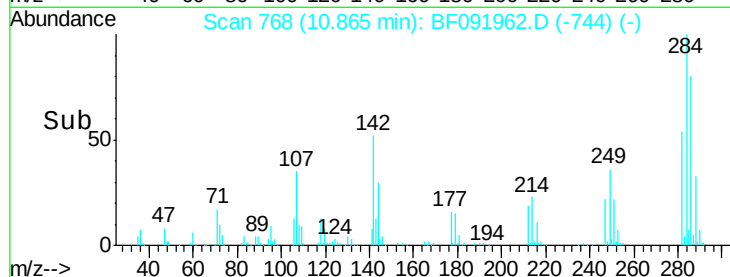
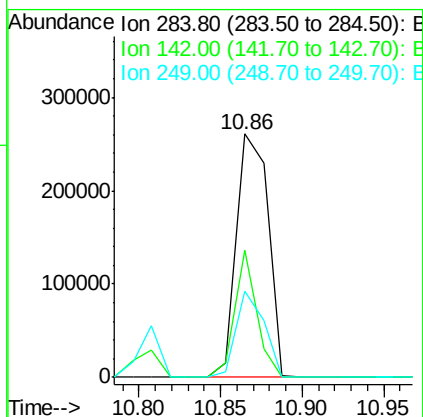
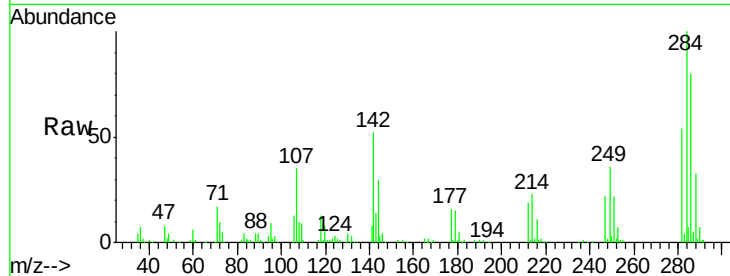




#67
Hexachlorobenzene
Concen: 37.99 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

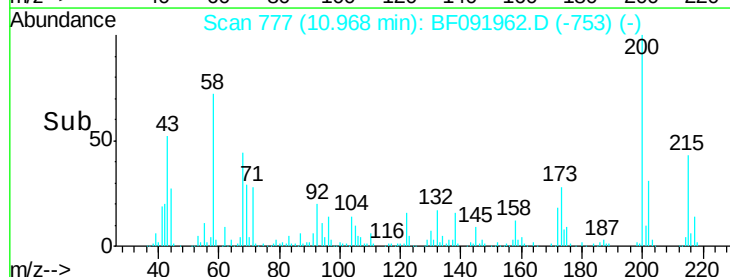
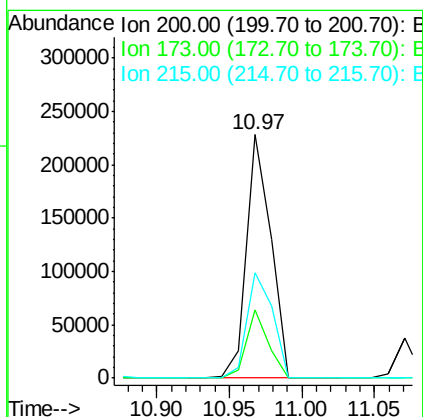
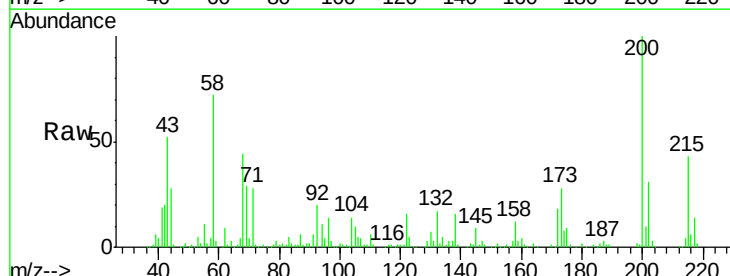
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

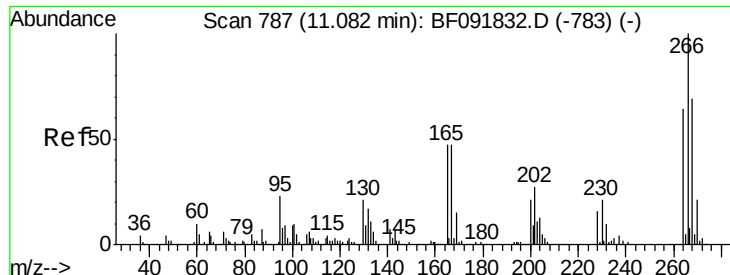
Tgt Ion:284 Resp: 348321
Ion Ratio Lower Upper
284 100
142 52.4 22.6 33.8#
249 35.6 25.4 38.0



#68
Atrazine
Concen: 33.68 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Tgt Ion:200 Resp: 265828
Ion Ratio Lower Upper
200 100
173 28.3 9.6 49.6
215 43.2 25.7 65.7

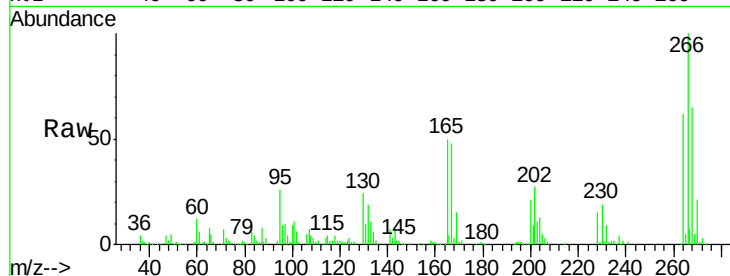




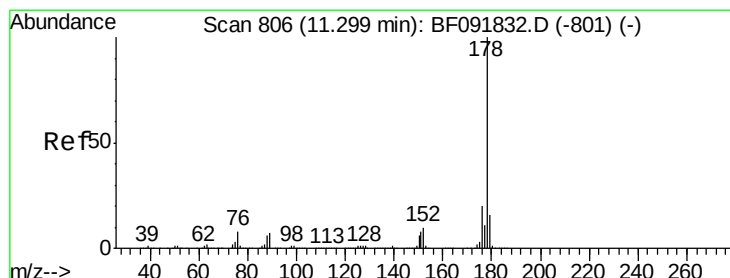
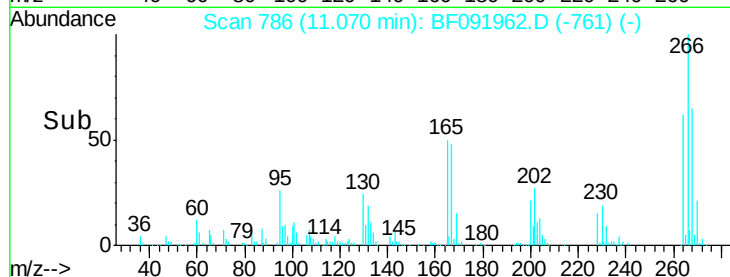
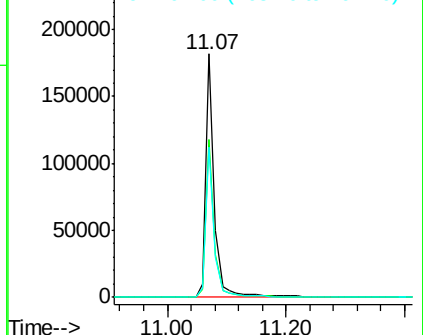
#69
 Pentachlorophenol
 Concen: 41.78 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 187981
 Ion Ratio Lower Upper
 266 100
 268 65.0 53.3 79.9
 264 61.5 50.3 75.5

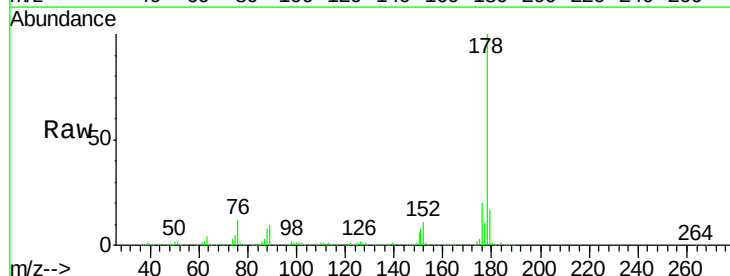


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

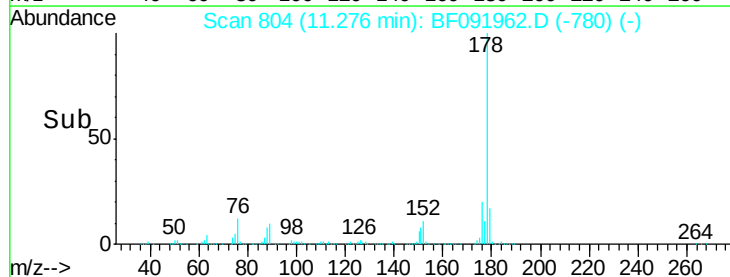
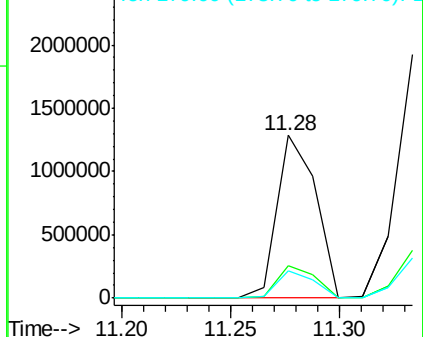


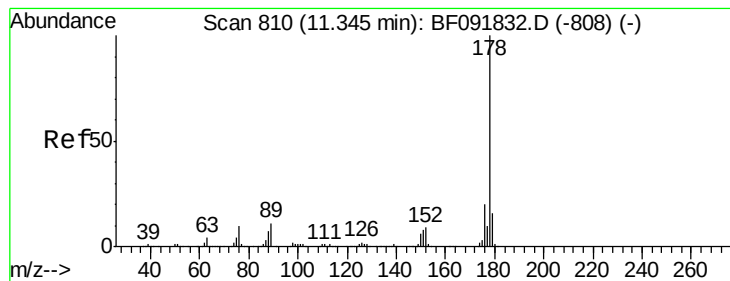
#70
 Phenanthrene
 Concen: 36.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

Tgt Ion:178 Resp: 1609673
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 16.5 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: 42.96 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

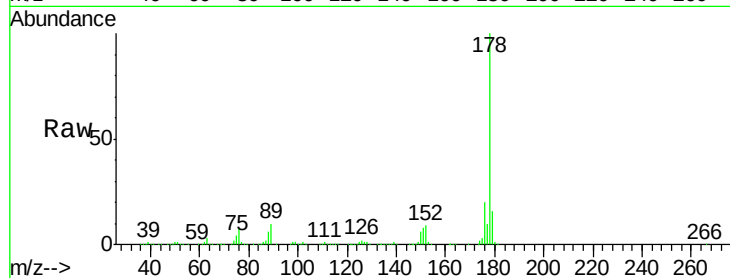
Tgt Ion:178 Resp: 1729900

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

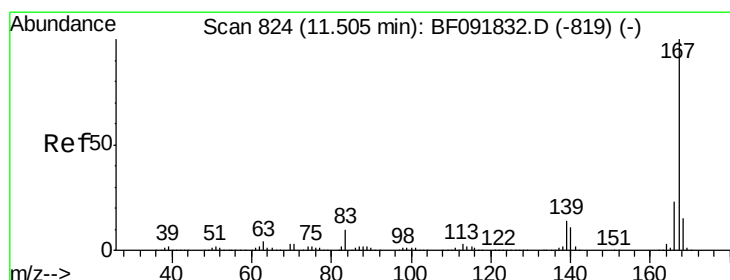
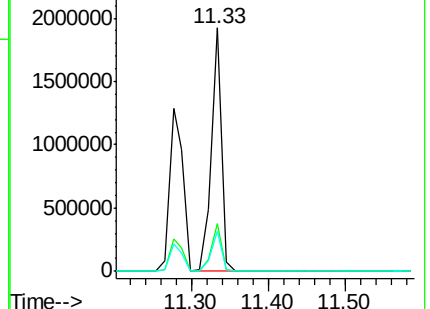
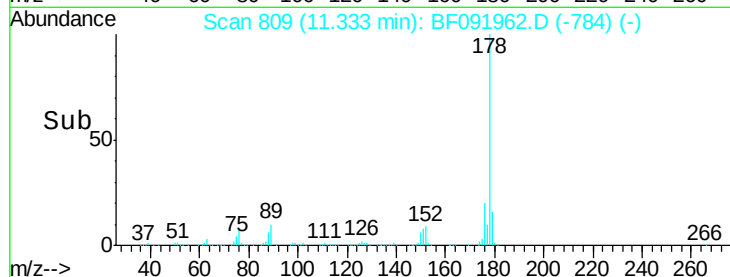
179 16.3 13.2 19.8



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: 36.31 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

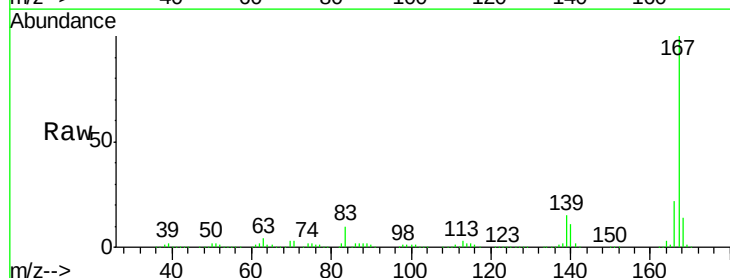
Tgt Ion:167 Resp: 1452049

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

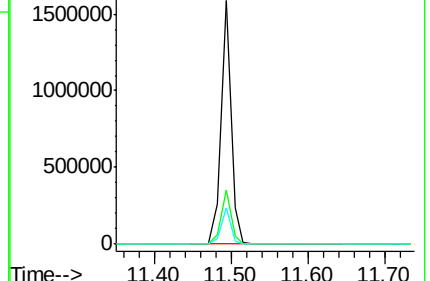
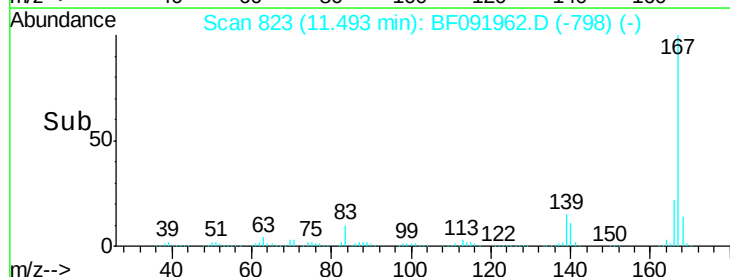
139 14.9 11.4 17.2

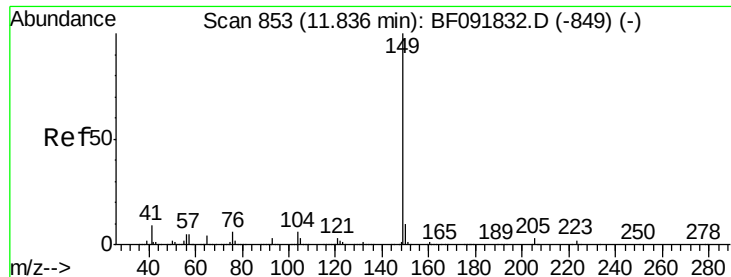


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.64 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

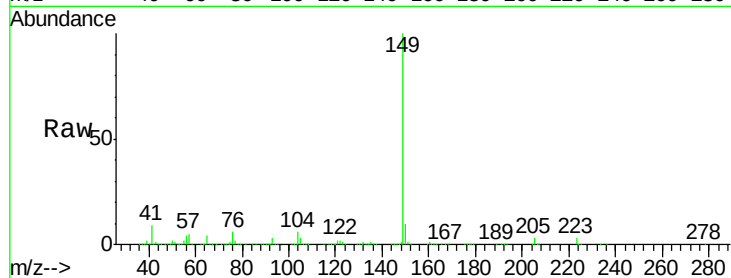
Tgt Ion:149 Resp: 1738699

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

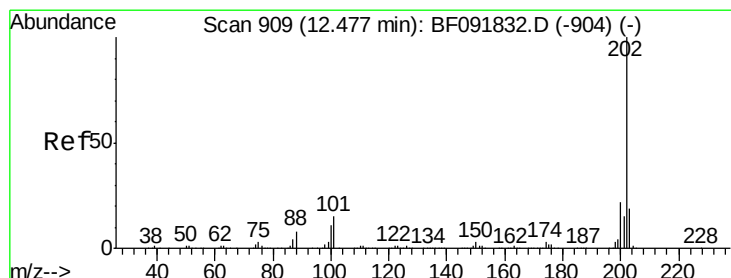
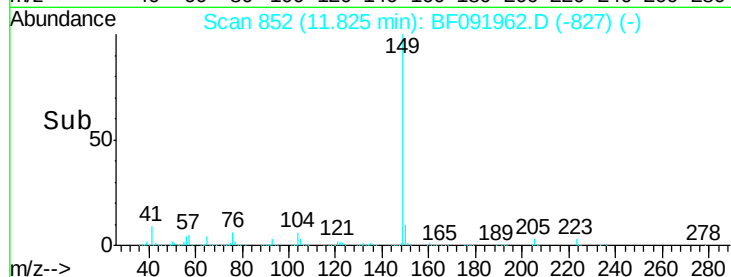
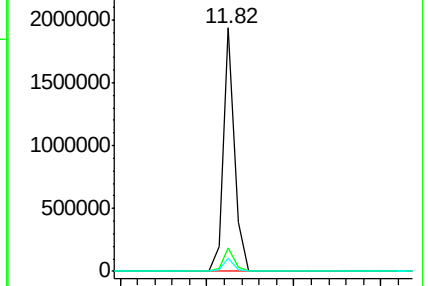
104 5.6 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.98 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

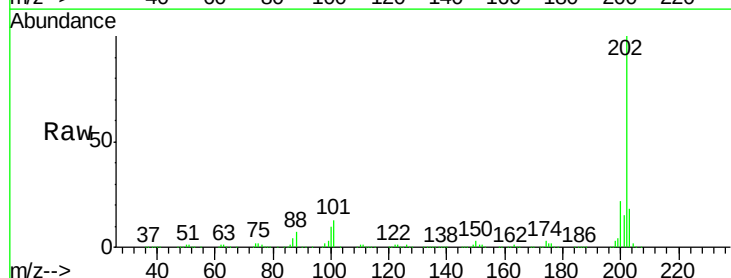
Tgt Ion:202 Resp: 1620916

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.6

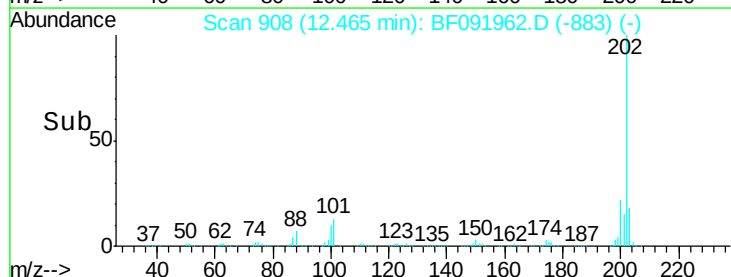
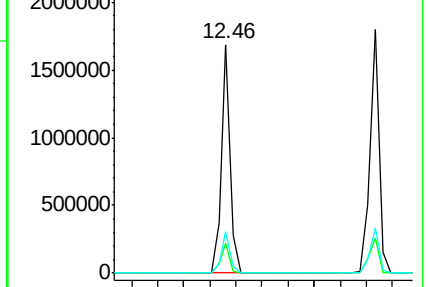
203 18.2 0.0 38.7

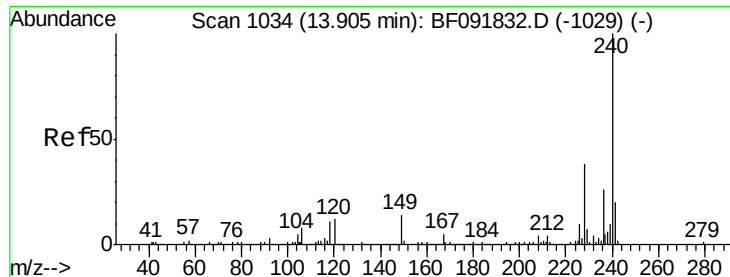


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

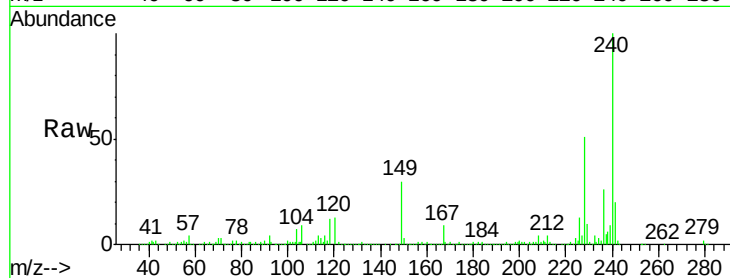
Tgt Ion:240 Resp: 650538

Ion Ratio Lower Upper

240 100

120 13.1 12.9 19.3

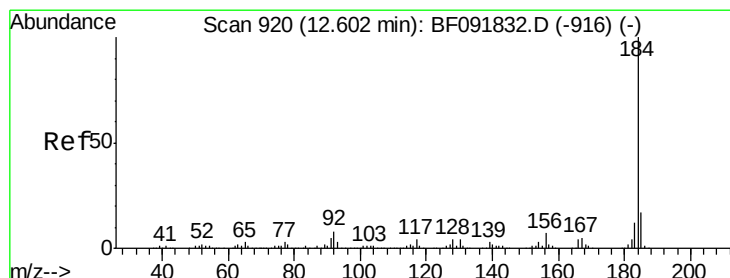
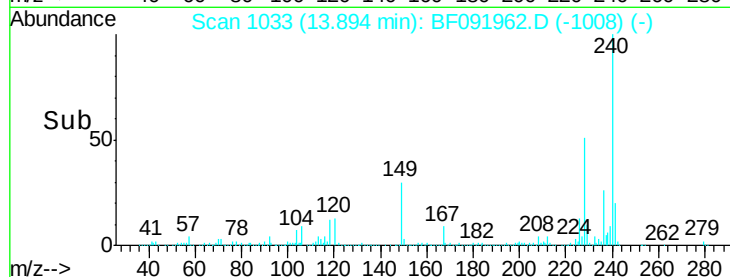
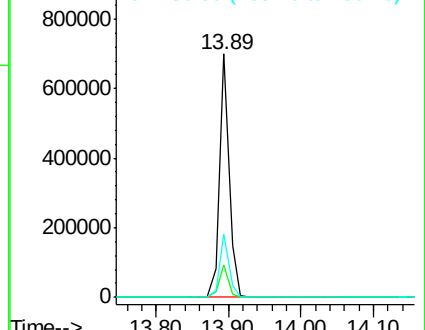
236 26.1 20.9 31.3



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: 34.13 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

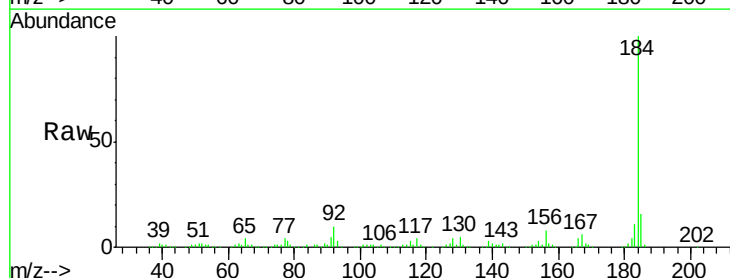
Tgt Ion:184 Resp: 599492

Ion Ratio Lower Upper

184 100

185 15.6 13.4 20.0

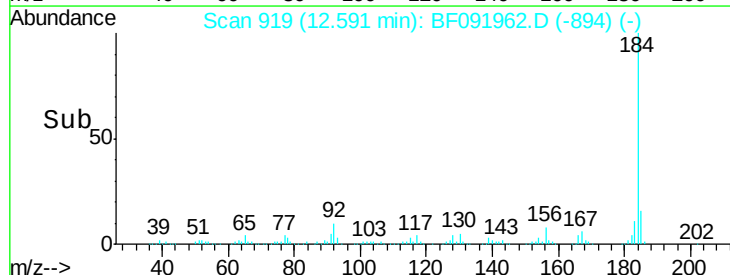
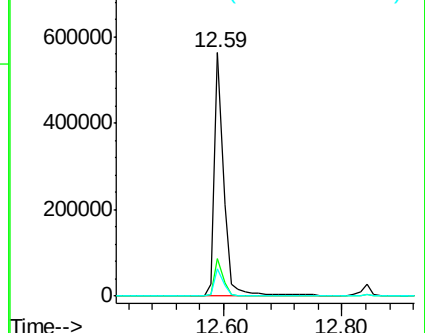
183 11.2 9.2 13.8

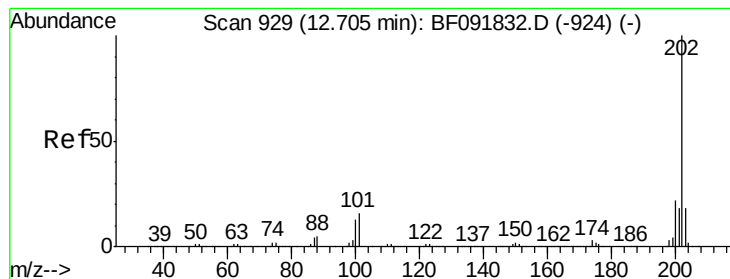


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.63 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

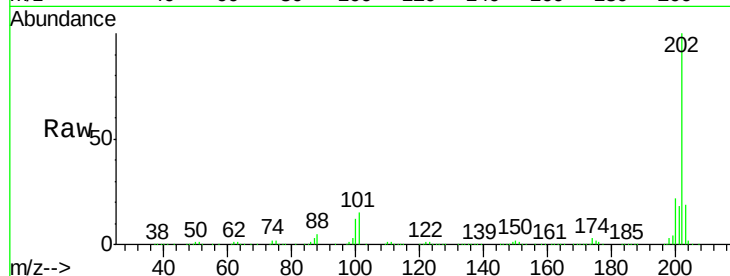
Tgt Ion:202 Resp: 1700693

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

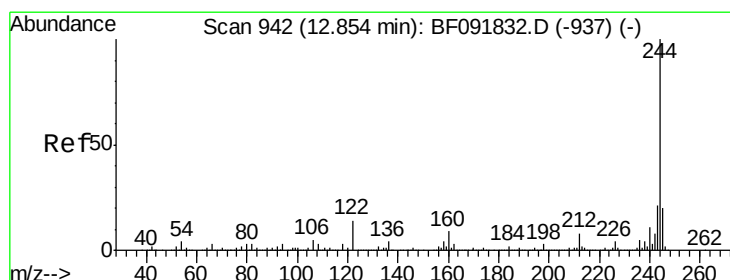
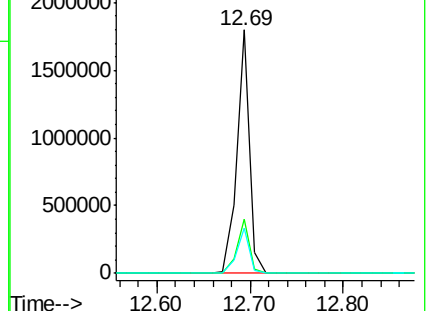
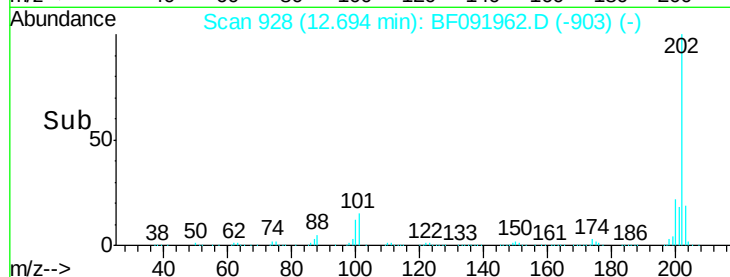
203 18.6 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.89 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

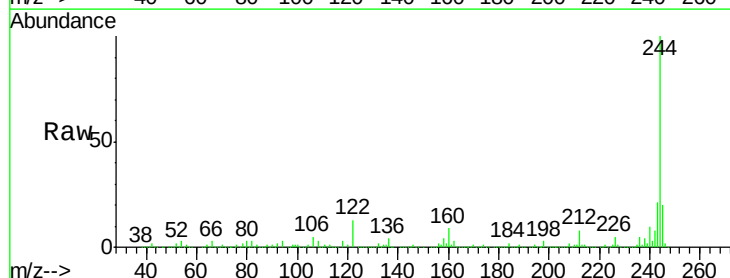
Tgt Ion:244 Resp: 1820964

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

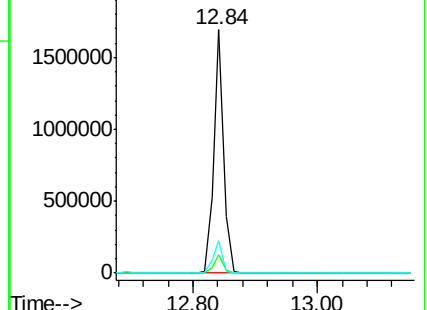
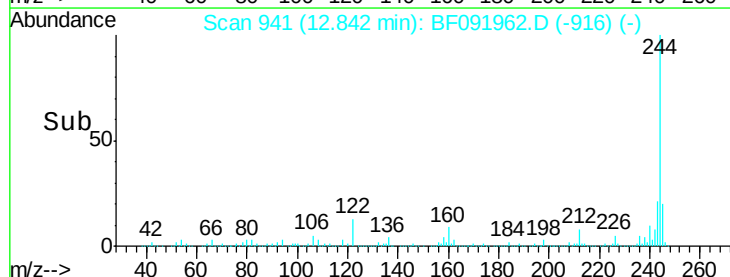
122 13.3 11.4 17.2

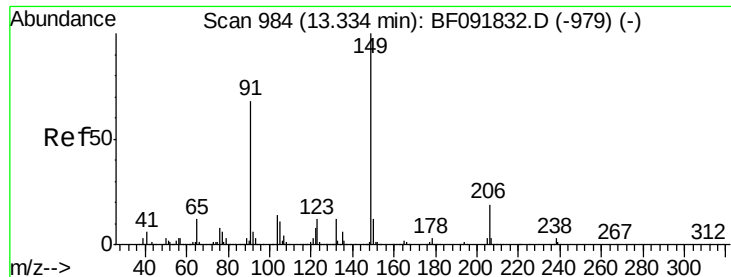


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

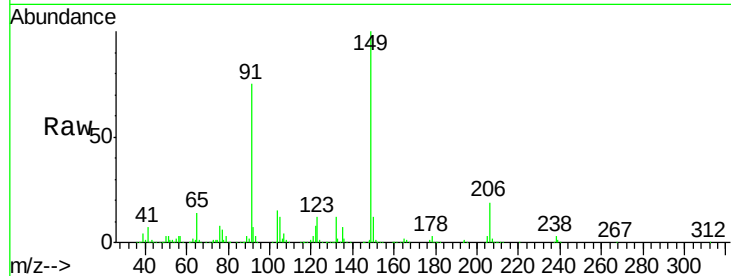




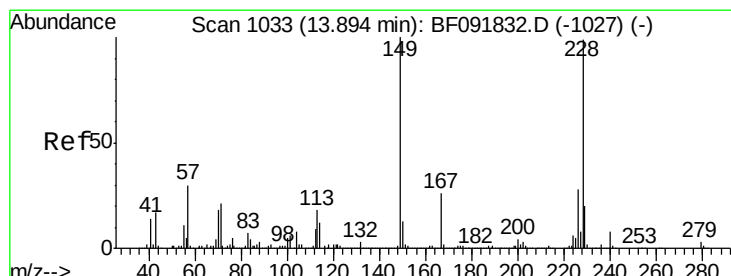
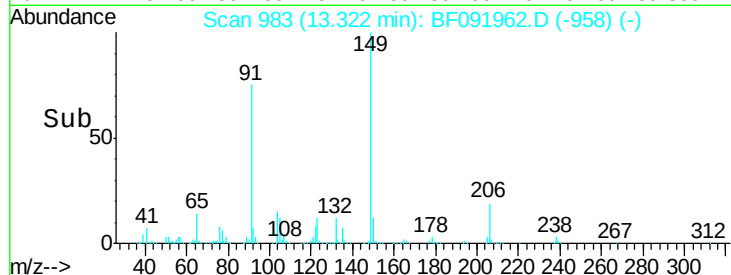
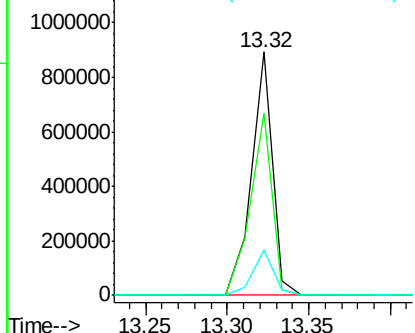
#79
Butylbenzylphthalate
Concen: 36.83 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 799424
Ion Ratio Lower Upper
149 100
91 74.9 63.9 95.9
206 18.8 14.6 21.8

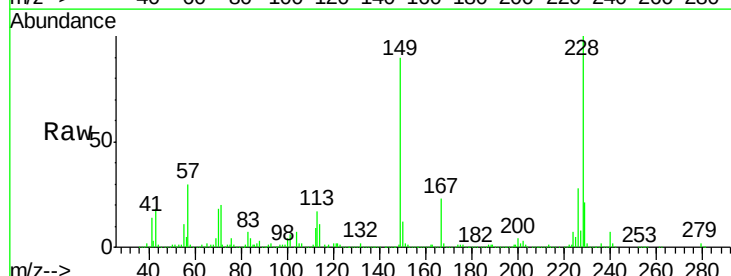


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

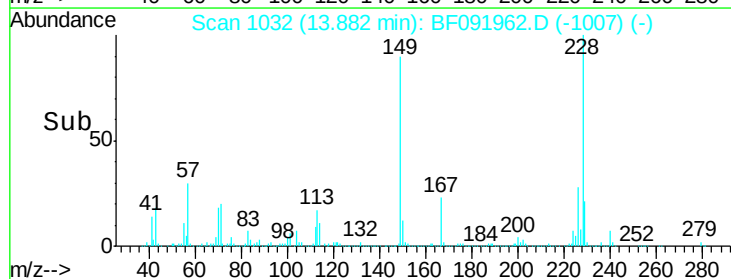
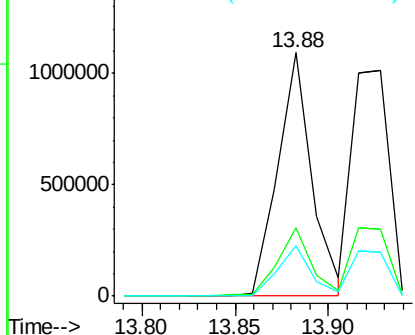


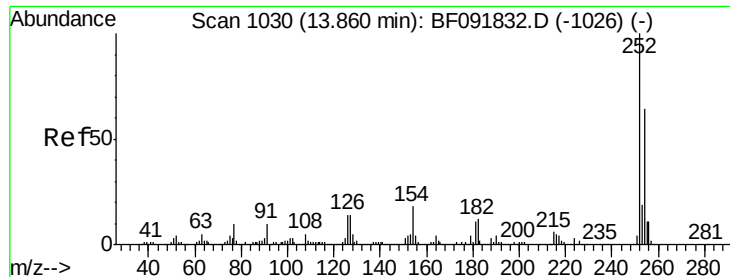
#80
Benzo(a)anthracene
Concen: 37.85 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Tgt Ion:228 Resp: 1390024
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 20.5 16.2 24.4



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

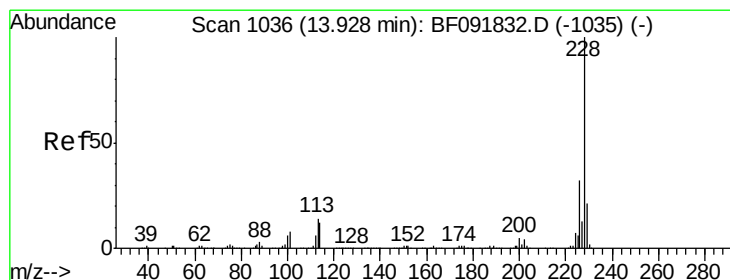
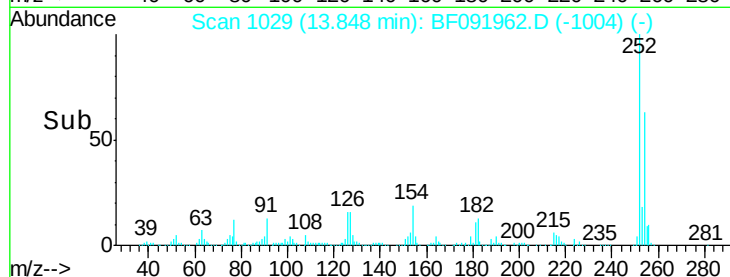
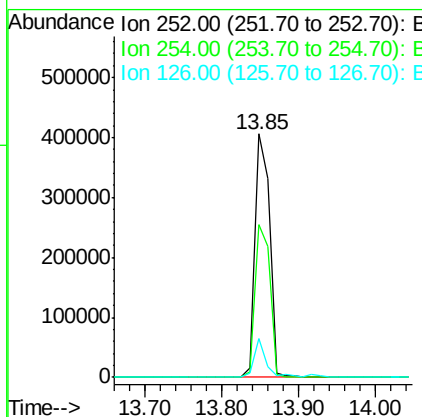
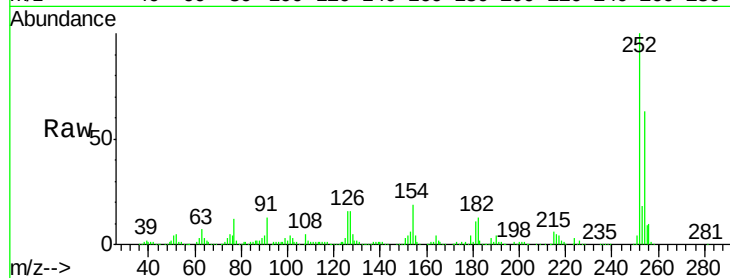




#81
 3,3'-Dichlorobenzidine
 Concen: 38.09 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

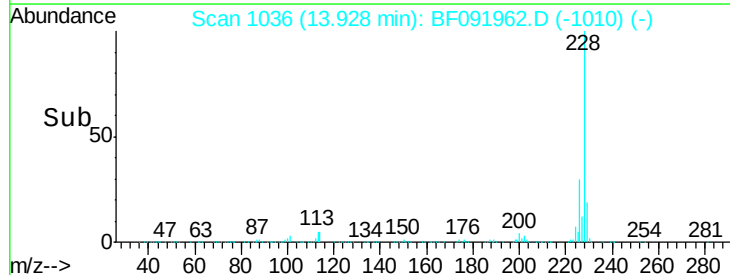
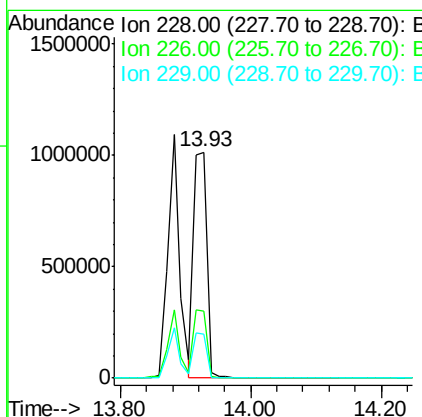
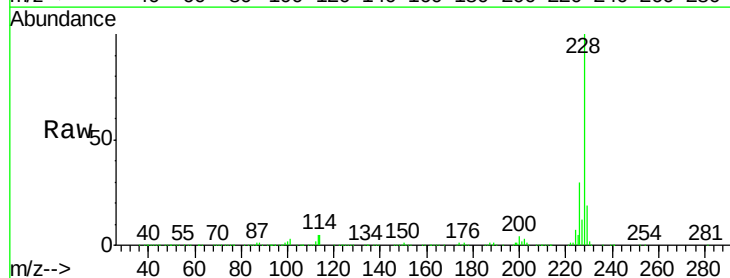
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

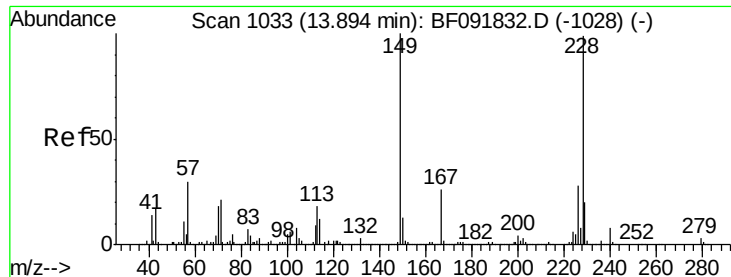
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.3	78.5
126	16.2	13.6	20.4



#82
 Chrysene
 Concen: 38.59 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.0
229	19.4	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.42 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

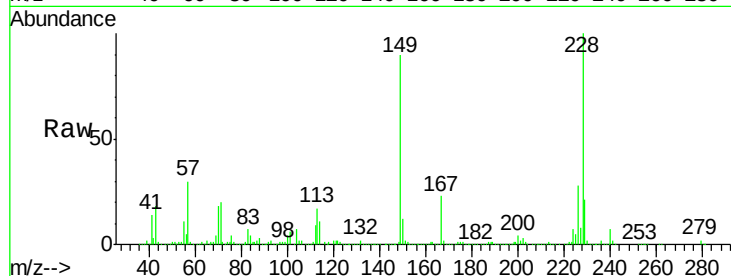
Tgt Ion:149 Resp: 931127

Ion Ratio Lower Upper

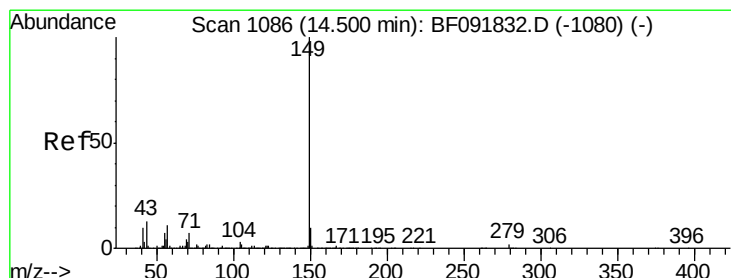
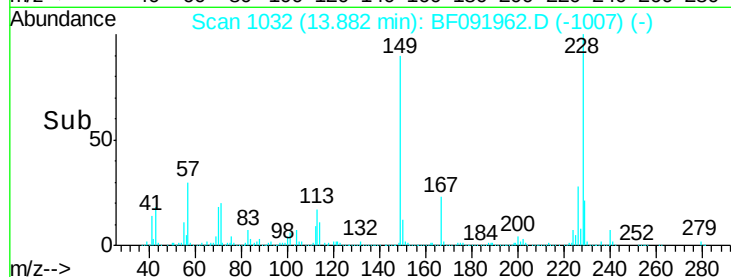
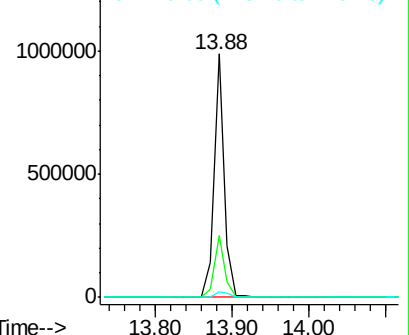
149 100

167 25.7 20.2 30.4

279 2.5 1.8 2.8



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



#84

Di-n-octyl phthalate

Concen: 39.75 ng

RT: 14.50 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

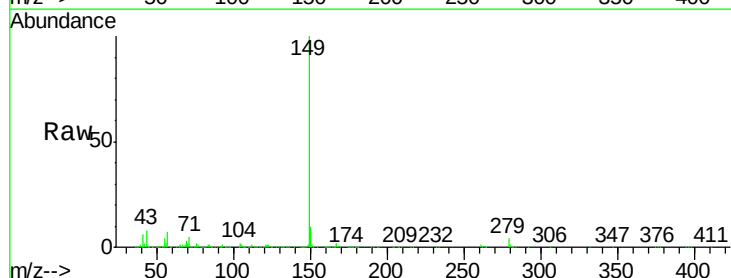
Tgt Ion:149 Resp: 1882293

Ion Ratio Lower Upper

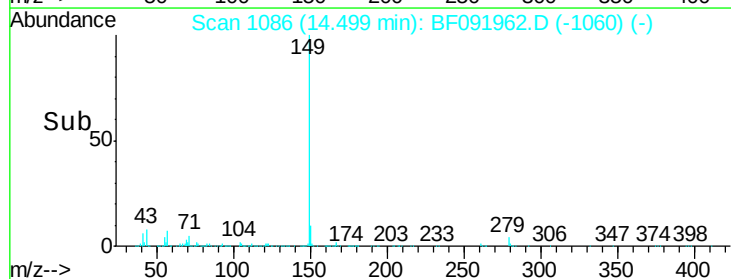
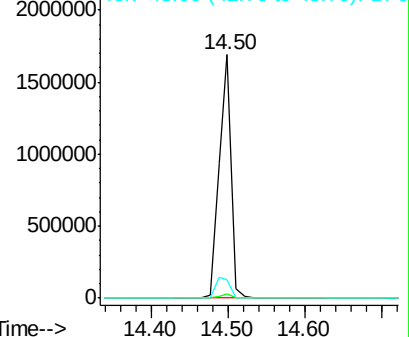
149 100

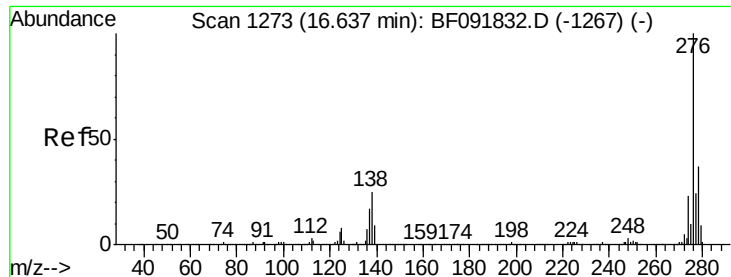
167 1.5 1.3 1.9

43 10.4 8.9 13.3



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



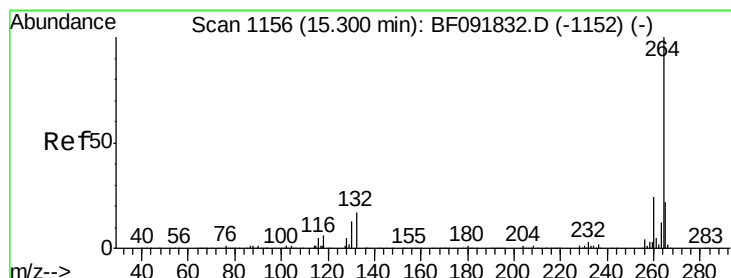
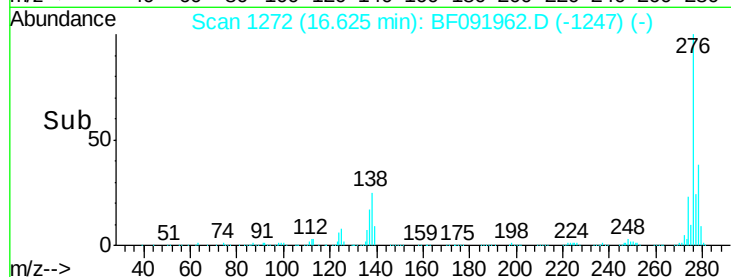
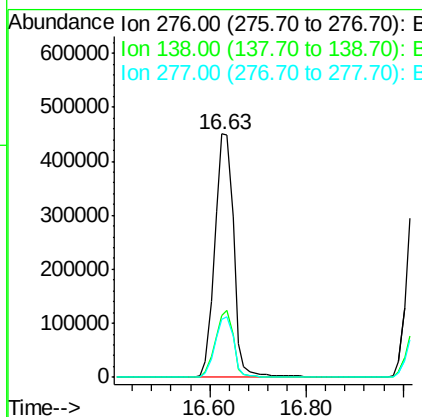
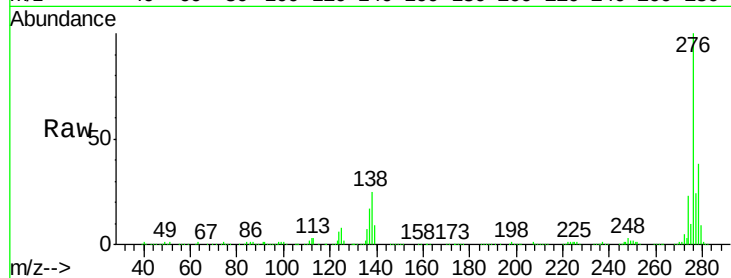


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.01 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 276 Resp: 1244683

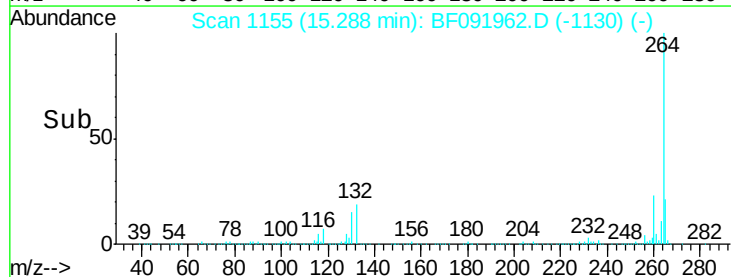
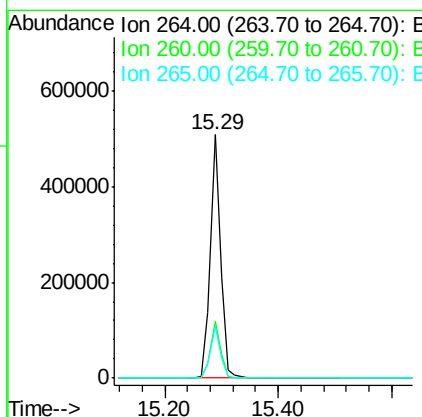
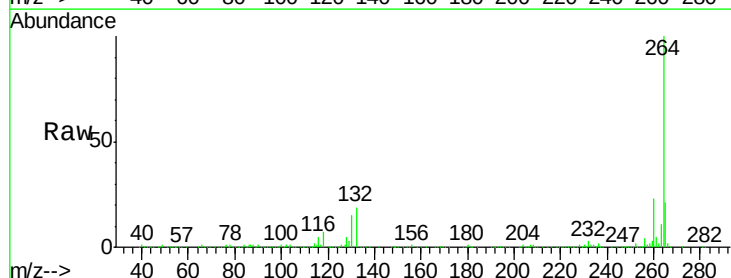
Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.8	32.6
277	24.6	20.2	30.4

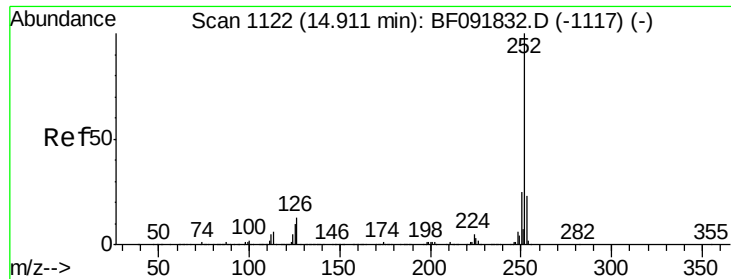


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091962.D
 Acq: 27 Dec 2016 12:43

Tgt Ion: 264 Resp: 612983

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	17.4	26.0

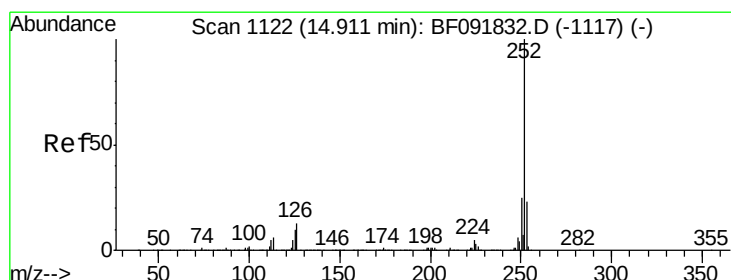
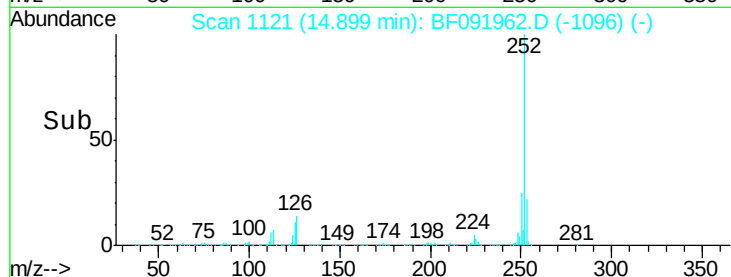
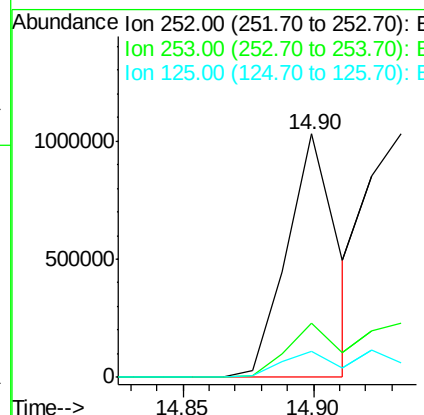
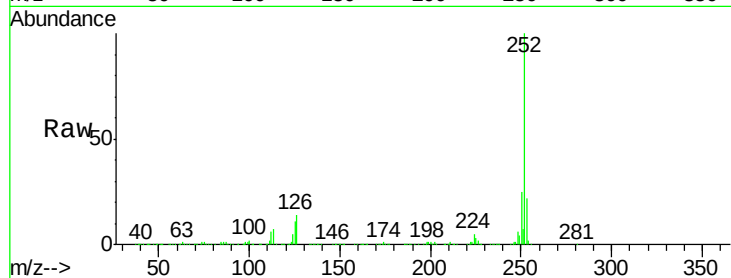




#87
Benzo(b)fluoranthene
Concen: 35.92 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

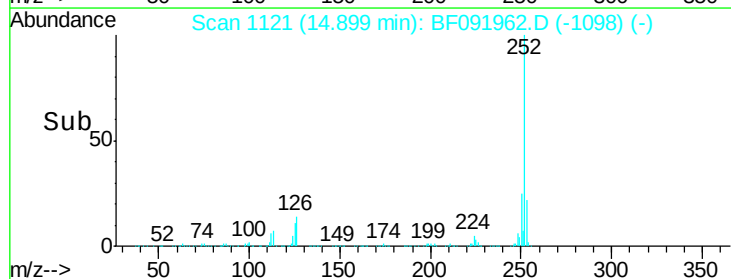
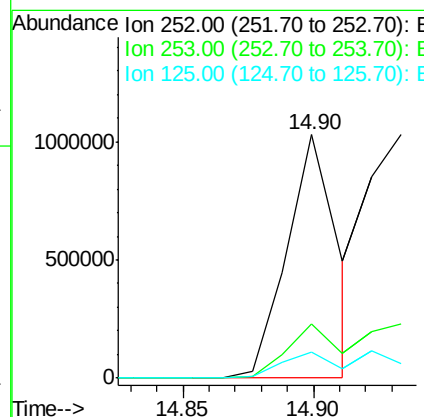
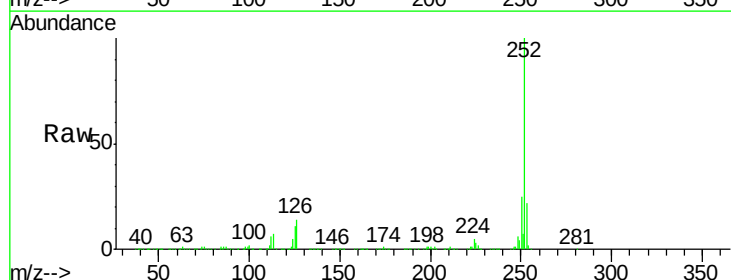
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

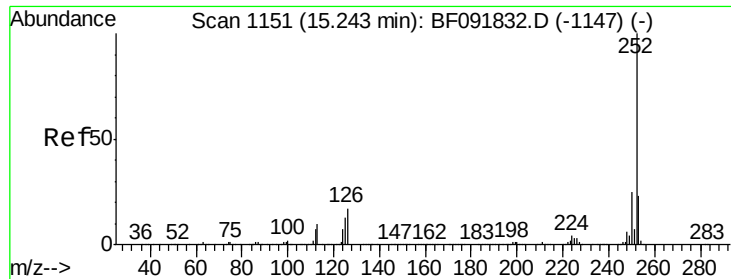
Tgt Ion:252 Resp: 1370964
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 10.8 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 42.13 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.03 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Tgt Ion:252 Resp: 1370964
Ion Ratio Lower Upper
252 100
253 22.4 18.5 27.7
125 10.8 8.9 13.3

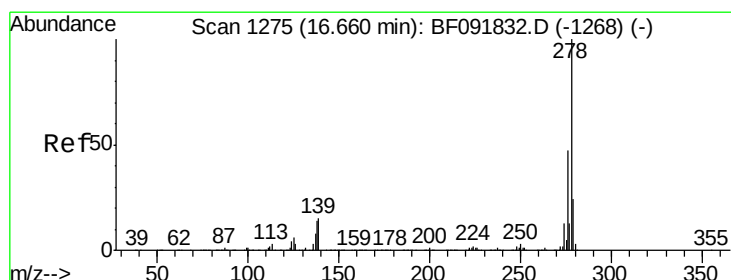
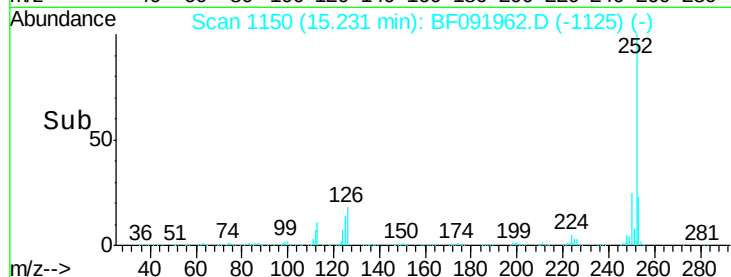
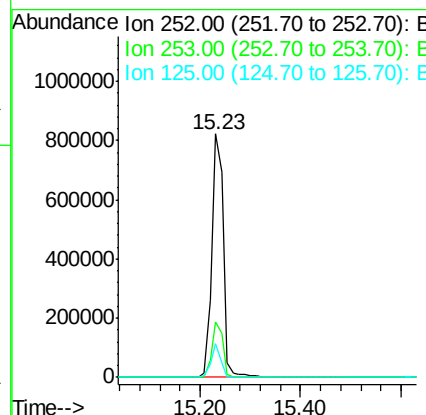
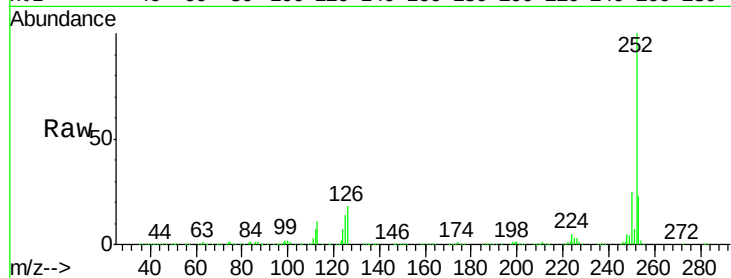




#89
Benzo(a)pyrene
Concen: 38.20 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

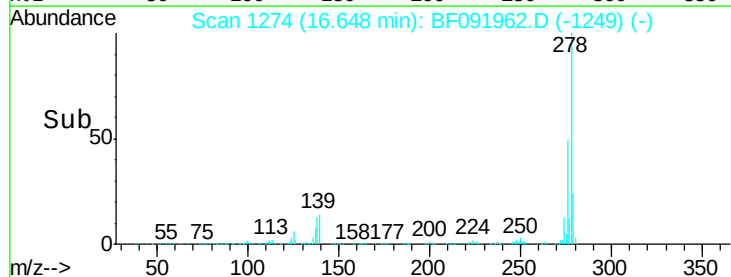
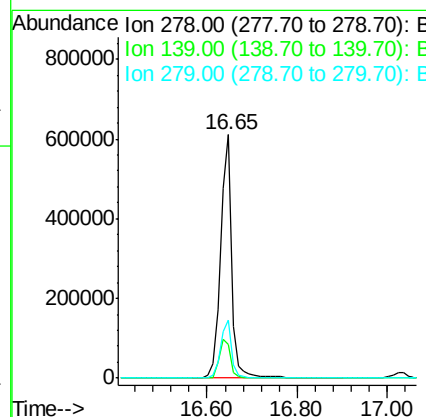
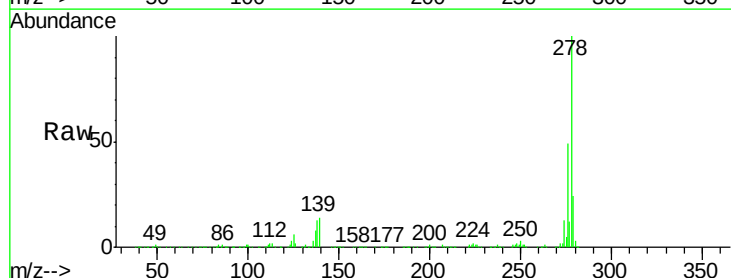
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

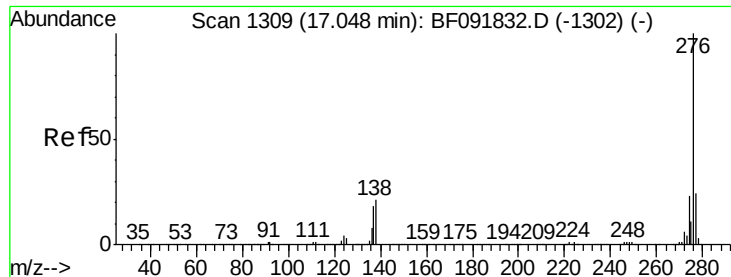
Tgt Ion: 252 Resp: 1293841
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 13.9 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 37.78 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF091962.D
Acq: 27 Dec 2016 12:43

Tgt Ion: 278 Resp: 1051812
Ion Ratio Lower Upper
278 100
139 13.9 14.8 22.2#
279 24.1 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 36.61 ng

RT: 17.04 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF091962.D

Acq: 27 Dec 2016 12:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 1059787

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 19.1 16.0 24.0

