

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111416\
 Data File : BF091162.D
 Acq On : 14 Nov 2016 14:12
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 15 00:24:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	213064	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	877427	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	467263	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	776697	20.00	ng	-0.02
75) Chrysene-d12	13.79	240	598376	20.00	ng	-0.02
86) Perylene-d12	15.15	264	507062	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1047593	81.20	ng	-0.02
7) Phenol-d6	6.29	99	1261371	72.03	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1260449	78.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	340476	80.60	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	2057346	75.80	ng	-0.03
78) Terphenyl-d14	12.74	244	2037911	84.99	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.09	88	251445	34.07	ng	95
3) Pyridine	2.74	79	620359	35.93	ng	95
4) n-Nitrosodimethylamine	2.70	42	216135	31.65	ng	84
6) Aniline	6.30	93	787248	38.12	ng	87
8) 2-Chlorophenol	6.42	128	588723	38.26	ng	98
9) Benzaldehyde	6.18	77	342919	35.28	ng	100
10) Phenol	6.30	94	649049	33.49	ng	100
11) bis(2-Chloroethyl)ether	6.38	93	632044	38.70	ng	89
12) 1,3-Dichlorobenzene	6.58	146	621818	39.95	ng	98
13) 1,4-Dichlorobenzene	6.66	146	632277	37.86	ng	99
14) 1,2-Dichlorobenzene	6.81	146	617930	40.32	ng	99
15) Benzyl Alcohol	6.80	79	441597	35.75	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.92	45	756318	32.34	ng	# 25
17) 2-Methylphenol	6.92	107	474495	38.95	ng	95
18) Hexachloroethane	7.15	117	245798	38.03	ng	# 88
19) n-Nitroso-di-n-propylamine	7.07	70	433817	35.75	ng	93
20) 3+4-Methylphenols	7.08	107	609295	41.66	ng	97
22) Acetophenone	7.06	105	775495	38.39	ng	# 95
24) Nitrobenzene	7.23	77	665251	37.45	ng	97
25) Isophorone	7.47	82	1170482	37.76	ng	97
26) 2-Nitrophenol	7.55	139	338670	45.05	ng	# 74
27) 2,4-Dimethylphenol	7.61	122	486659	39.14	ng	96
28) bis(2-Chloroethoxy)methane	7.69	93	645596	38.13	ng	99
29) 2,4-Dichlorophenol	7.80	162	446061	41.11	ng	92
30) 1,2,4-Trichlorobenzene	7.87	180	514006	42.13	ng	99
31) Naphthalene	7.95	128	1737464	41.41	ng	99
32) Benzoic acid	7.77	122	356336	37.93	ng	99
33) 4-Chloroaniline	8.01	127	716331	41.05	ng	95
34) Hexachlorobutadiene	8.06	225	278256	42.26	ng	100
35) Caprolactam	8.40	113	135371	39.71	ng	93
36) 4-Chloro-3-methylphenol	8.51	107	534946	40.73	ng	93
37) 2-Methylnaphthalene	8.64	142	1011971	37.51	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	528606	44.37	ng	99
40) Hexachlorocyclopentadiene	8.80	237	140572	34.68	ng	99

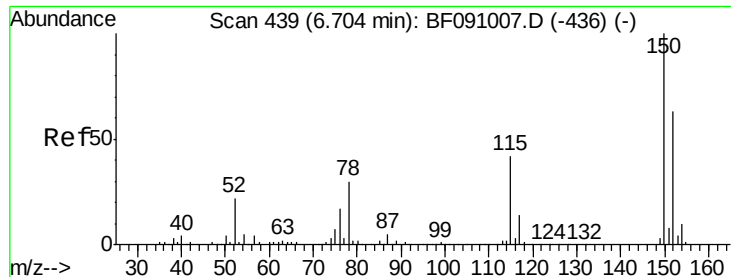
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111416\
 Data File : BF091162.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	313792	40.80	nq	99
43) 2,4,5-Trichlorophenol	8.97	196	335554	41.56	nq #	87
45) 1,1'-Biphenyl	9.10	154	1331319	39.02	nq	99
46) 2-Chloronaphthalene	9.13	162	1045294	40.35	nq	99
47) 2-Nitroaniline	9.23	65	346775	36.07	nq	92
48) Acenaphthylene	9.54	152	1561134	38.67	nq	100
49) Dimethylphthalate	9.41	163	1209587	39.48	nq	100
50) 2,6-Dinitrotoluene	9.48	165	314699	47.93	nq #	62
51) Acenaphthene	9.71	154	976922	38.55	nq	99
52) 3-Nitroaniline	9.65	138	338416	43.46	nq #	75
53) 2,4-Dinitrophenol	9.76	184	188057	54.72	nq #	69
54) Dibenzofuran	9.88	168	1329026	38.96	nq	97
55) 4-Nitrophenol	9.82	139	156741	33.79	nq	88
56) 2,4-Dinitrotoluene	9.88	165	328777	39.35	nq #	81
57) Fluorene	10.22	166	1179364	42.29	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	286154	45.24	nq	97
59) Diethylphthalate	10.11	149	1211875	38.58	nq	99
60) 4-Chlorophenyl-phenylether	10.21	204	501782	39.54	nq #	75
61) 4-Nitroaniline	10.27	138	334425	42.45	nq	89
62) Azobenzene	10.37	77	1303987	35.26	nq	85
64) 4,6-Dinitro-2-methylphenol	10.29	198	213120	44.81	nq #	65
65) n-Nitrosodiphenylamine	10.34	169	919793	37.26	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	352459	43.63	nq #	82
67) Hexachlorobenzene	10.77	284	405658	45.53	nq #	81
68) Atrazine	10.88	200	297050	41.71	nq	98
69) Pentachlorophenol	10.97	266	155100	39.30	nq	98
70) Phenanthrene	11.17	178	1588449	38.47	nq	99
71) Anthracene	11.23	178	1706879	38.88	nq	99
72) Carbazole	11.39	167	1520850	38.45	nq	99
73) Di-n-butylphthalate	11.72	149	1845232	37.09	nq #	98
74) Fluoranthene	12.36	202	1782901	41.64	nq	93
76) Benzydine	12.49	184	618271	46.25	nq	98
77) Pyrene	12.59	202	1776598	45.34	nq	99
79) Butylbenzylphthalate	13.22	149	905645	48.31	nq #	74
80) Benzo(a)anthracene	13.77	228	1400879	41.23	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	579651	48.56	nq #	98
82) Chrysene	13.81	228	1540081	45.97	nq	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	1011144	39.86	nq #	94
84) Di-n-octyl phthalate	14.39	149	1630235	39.09	nq #	95
85) Indeno(1,2,3-cd)pyrene	16.43	276	1130022	40.65	nq	95
87) Benzo(b)fluoranthene	14.77	252	1214014m	35.30	nq	
88) Benzo(k)fluoranthene	14.81	252	1389422m	46.06	nq	
89) Benzo(a)pyrene	15.09	252	1155156	38.58	nq #	97
90) Dibenzo(a,h)anthracene	16.43	278	986710	38.12	nq	99
91) Benzo(g,h,i)perylene	16.81	276	910998	38.92	nq #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

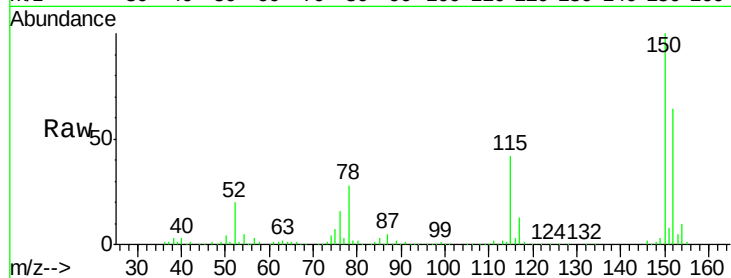
Tot Ion:152 Resp: 213064

Ion Ratio Lower Upper

152 100

150 155.5 126.8 190.2

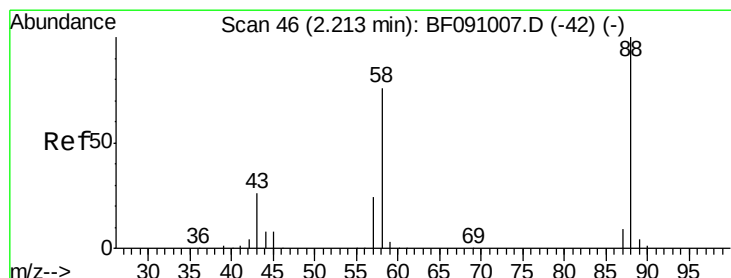
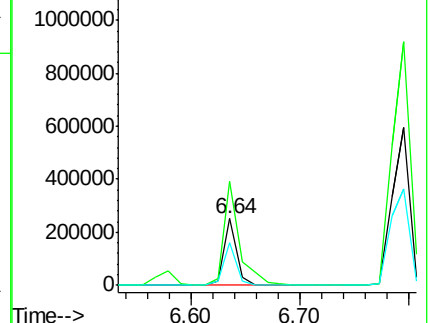
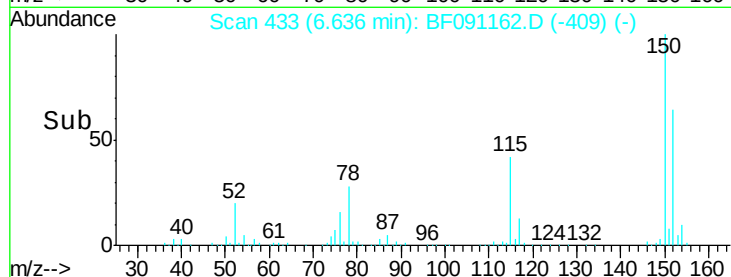
115 64.6 53.3 79.9



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: 34.07 ng

RT: 2.09 min Scan# 35

Delta R.T. -0.06 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

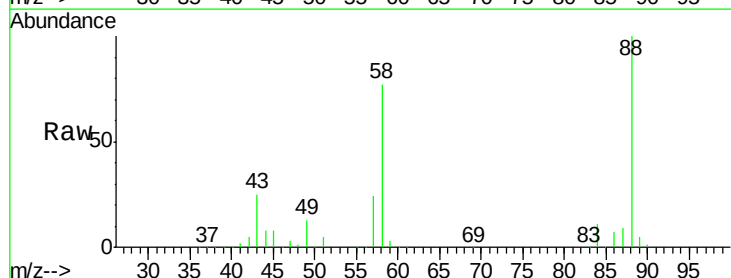
Tgt Ion: 88 Resp: 251445

Ion Ratio Lower Upper

88 100

58 75.0 63.8 95.6

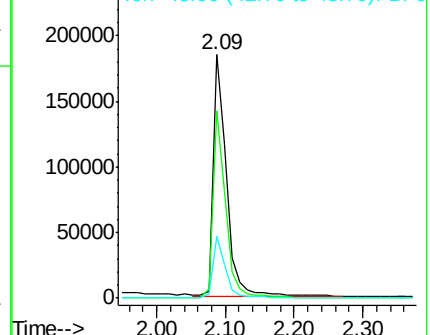
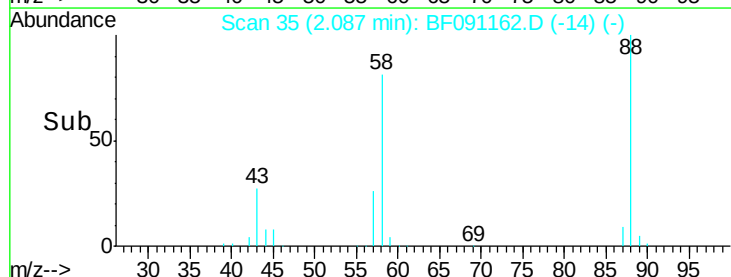
43 25.1 22.6 33.8

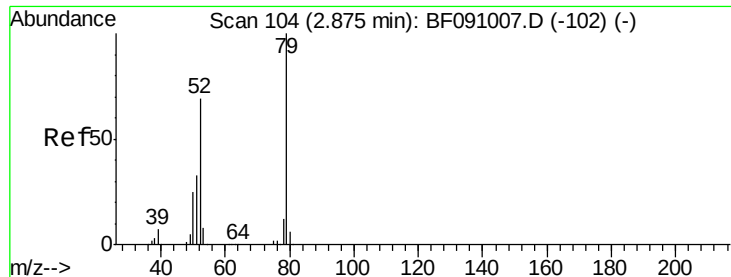


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

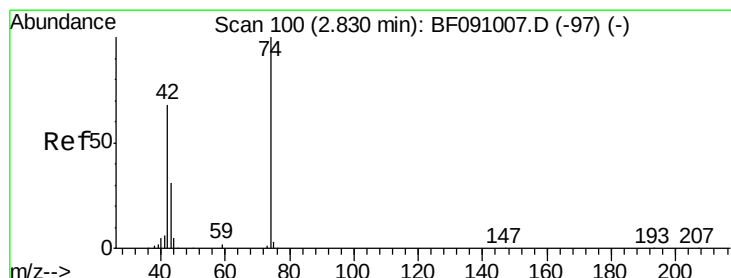
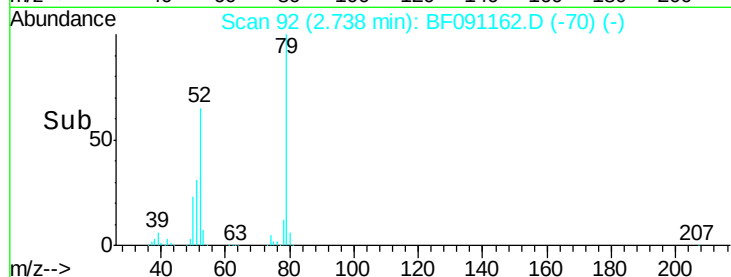
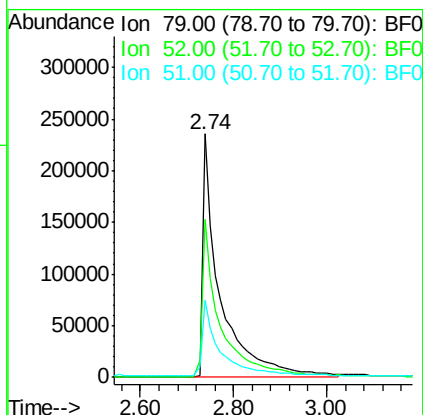
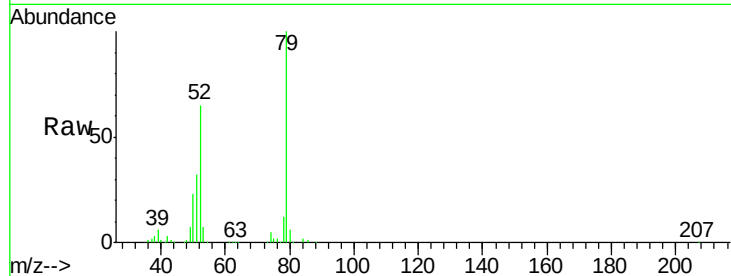




#3
 Pvridine
 Concen: 35.93 ng
 RT: 2.74 min Scan# 92
 Delta R.T. -0.05 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

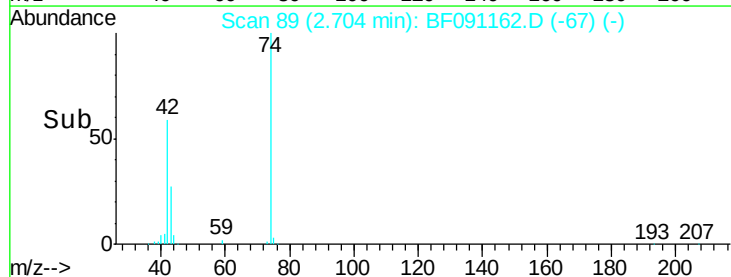
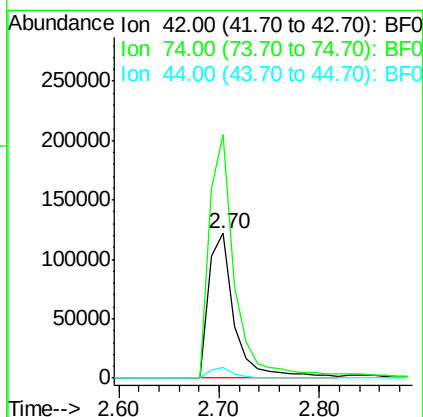
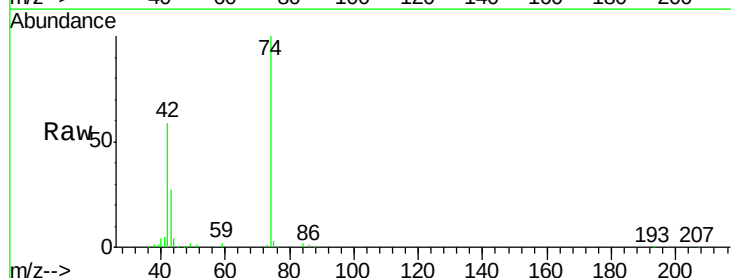
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

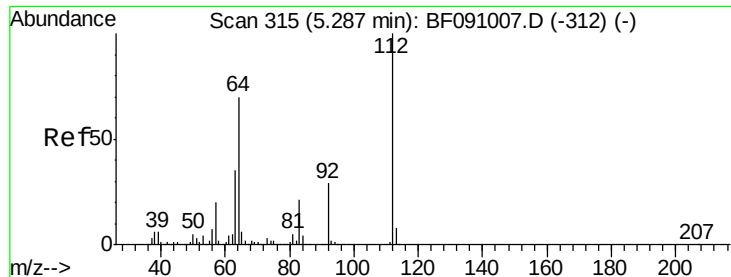
Tot Ion: 79 Resp: 620359
 Ion Ratio Lower Upper
 79 100
 52 64.8 55.4 83.0
 51 31.5 27.4 41.0



#4
 n-Nitrosodimethylamine
 Concen: 31.65 ng
 RT: 2.70 min Scan# 89
 Delta R.T. -0.05 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Tgt Ion: 42 Resp: 216135
 Ion Ratio Lower Upper
 42 100
 74 168.1 117.3 175.9
 44 7.3 5.8 8.8





#5

2-Fluorophenol

Concen: 81.20 ng

RT: 5.22 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

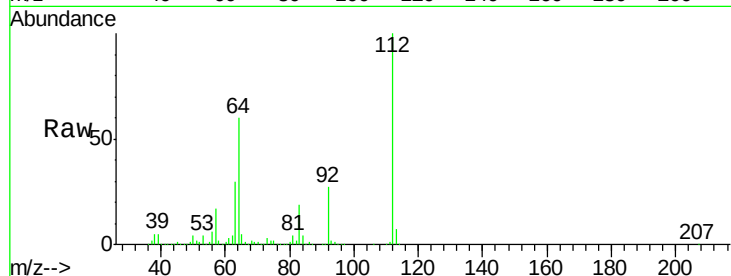
Tot Ion:112 Resp: 1047593

Ion Ratio Lower Upper

112 100

64 59.5 55.8 83.6

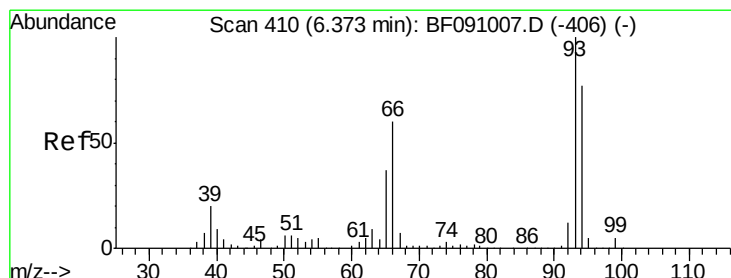
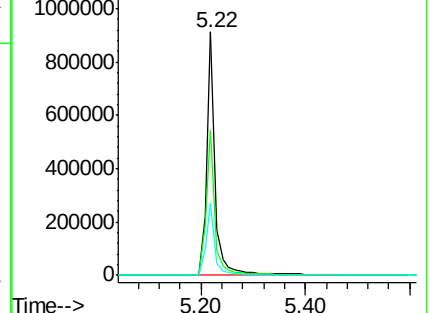
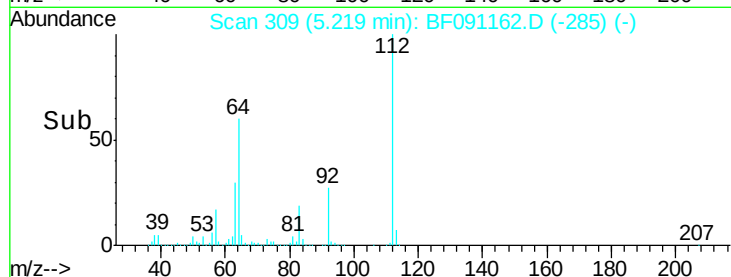
63 29.7 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.12 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

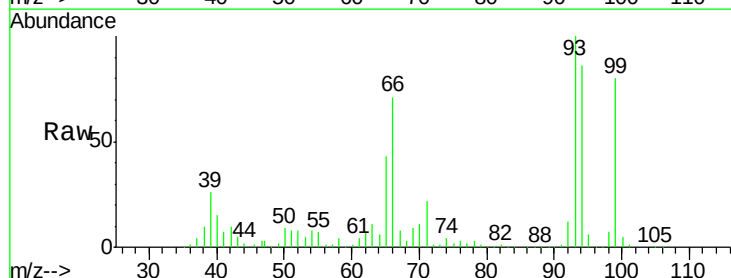
Tgt Ion: 93 Resp: 787248

Ion Ratio Lower Upper

93 100

66 70.6 48.2 72.2

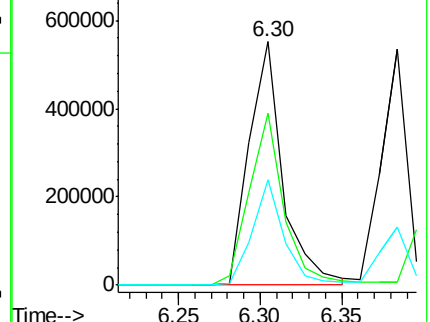
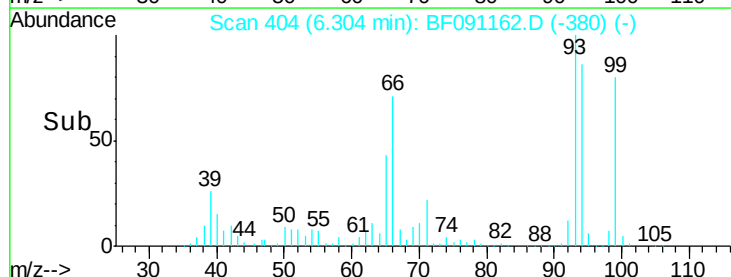
65 43.2 29.4 44.0

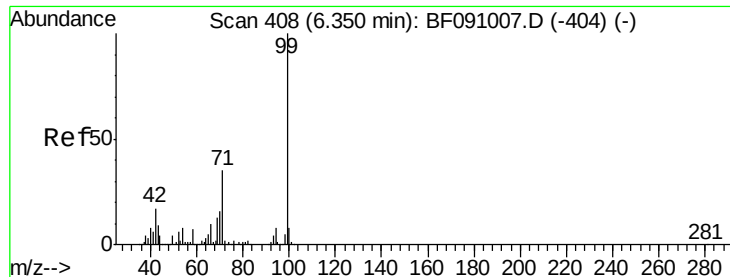


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.03 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

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BNA_F

ClientSampleId :

SSTDCCC040

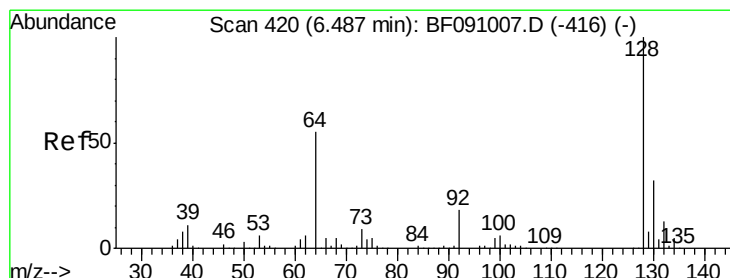
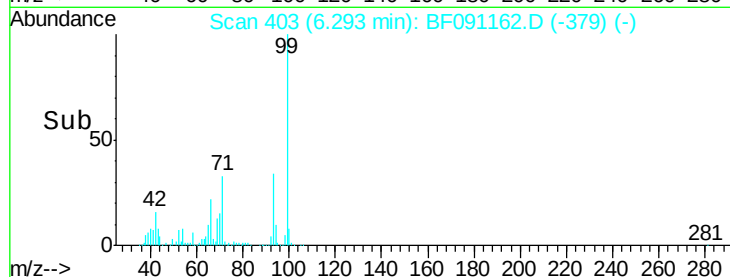
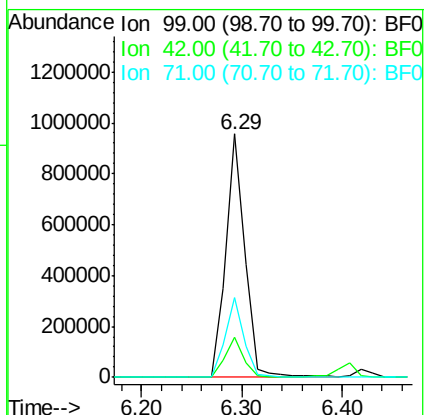
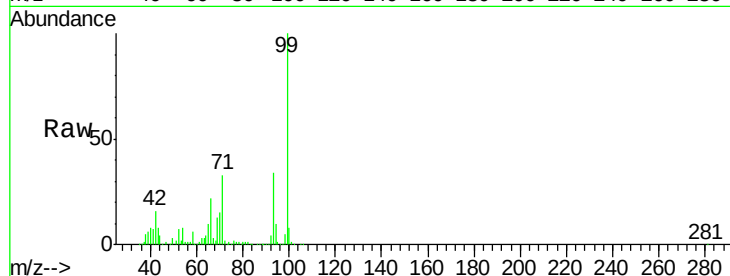
Tot Ion: 99 Resp: 1261371

Ion Ratio Lower Upper

99 100

42 16.3 13.9 20.9

71 33.0 27.8 41.8



#8

2-Chlorophenol

Concen: 38.26 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

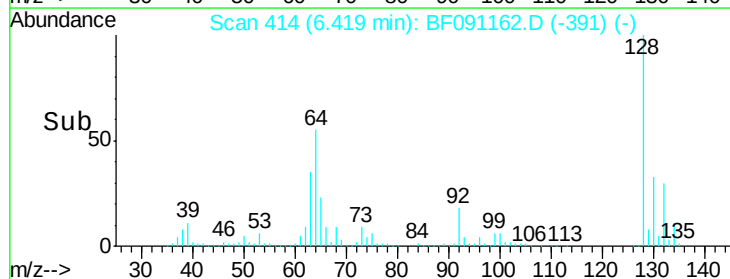
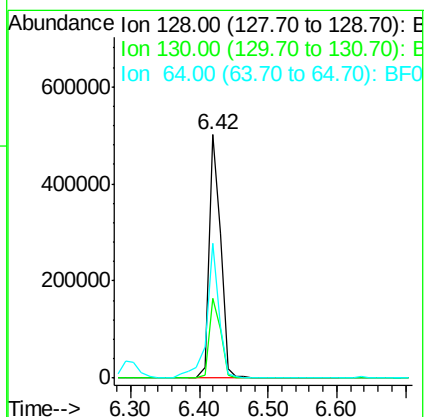
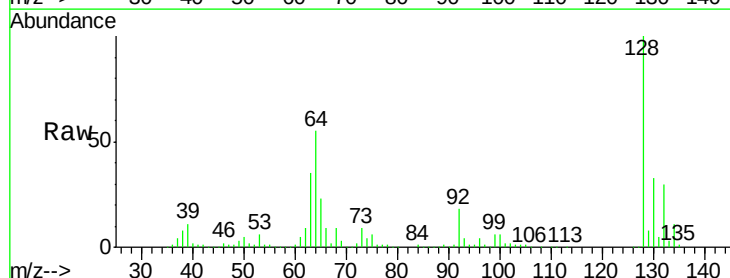
Tgt Ion: 128 Resp: 588723

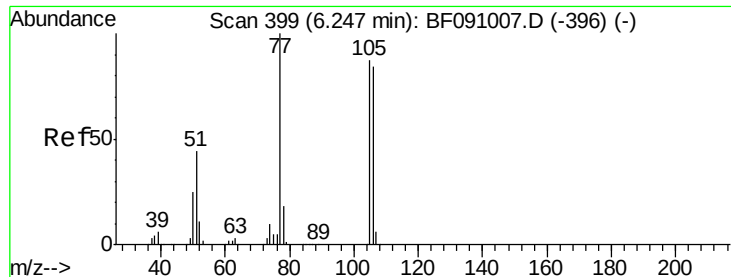
Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

64 55.4 37.2 77.2





#9

Benzaldehyde

Concen: 35.28 ng

RT: 6.18 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

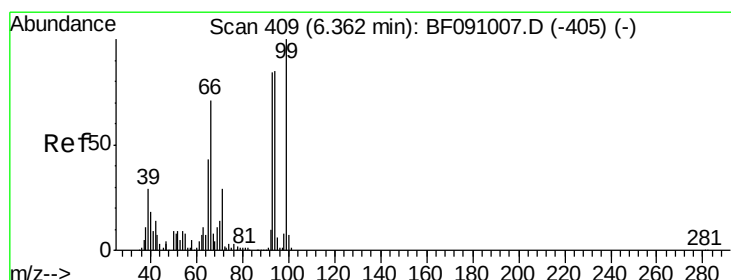
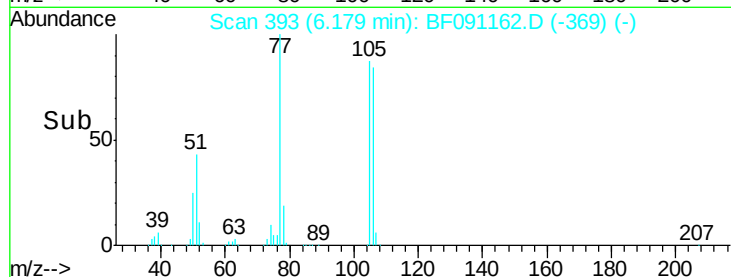
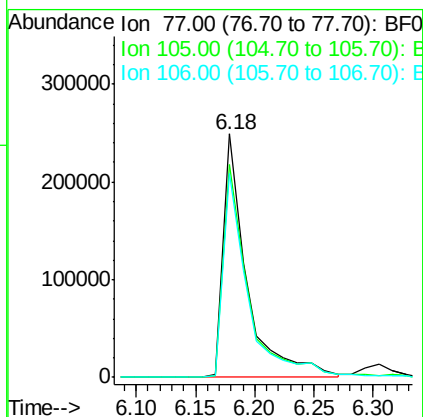
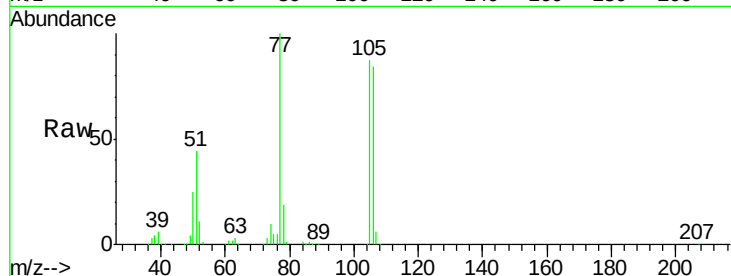
Tot Ion: 77 Resp: 342919

Ion Ratio Lower Upper

77 100

105 87.3 66.8 106.8

106 83.7 64.0 104.0



#10

Phenol

Concen: 33.49 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

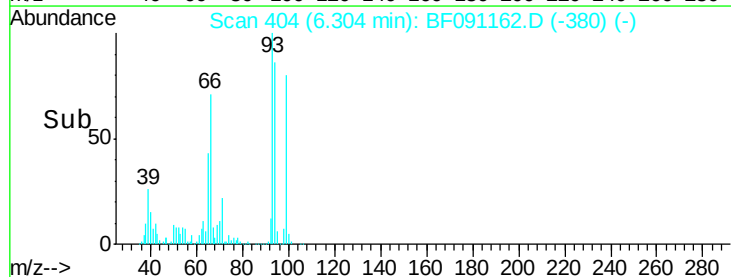
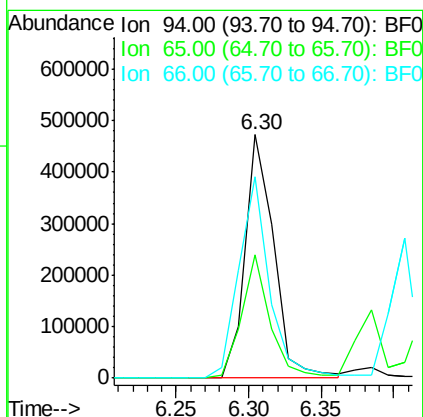
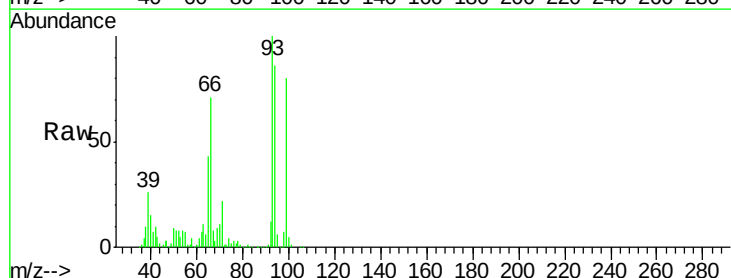
Tgt Ion: 94 Resp: 649049

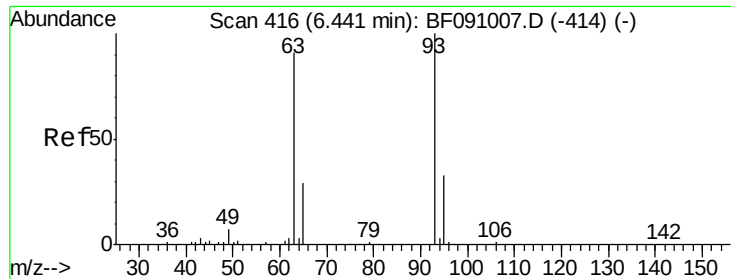
Ion Ratio Lower Upper

94 100

65 50.5 30.4 70.4

66 82.5 62.9 102.9





#11

bis(2-Chloroethyl)ether

Concen: 38.70 ng

RT: 6.38 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

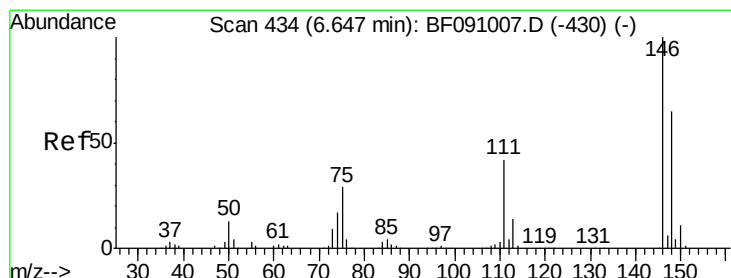
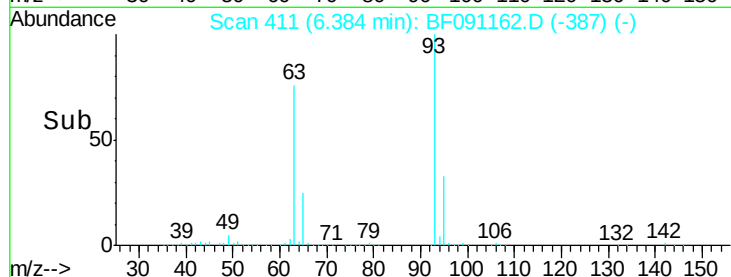
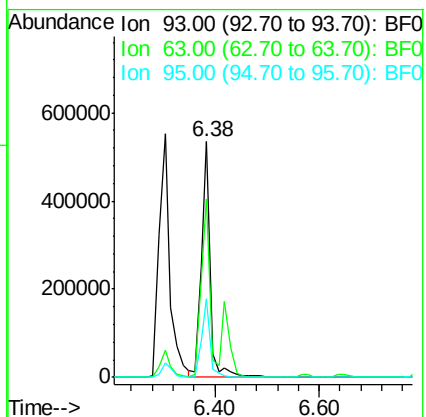
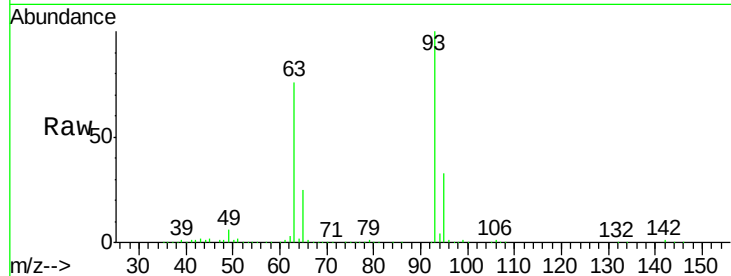
Tot Ion: 93 Resp: 632044

Ion Ratio Lower Upper

93 100

63 75.6 68.9 108.9

95 33.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.95 ng

RT: 6.58 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

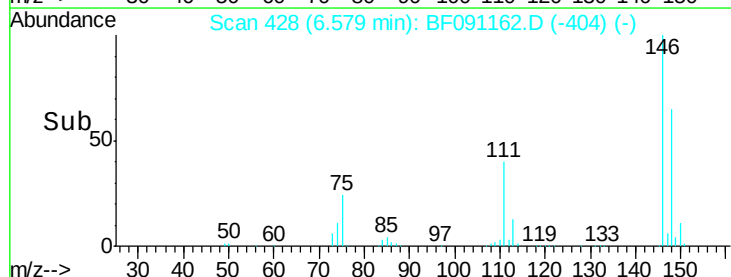
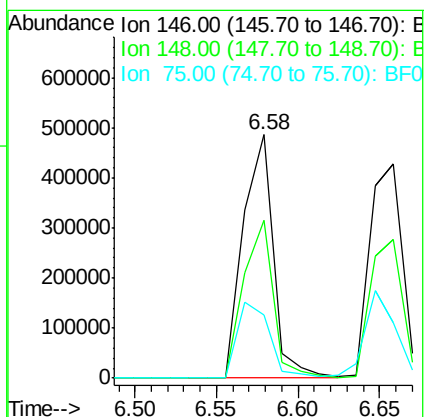
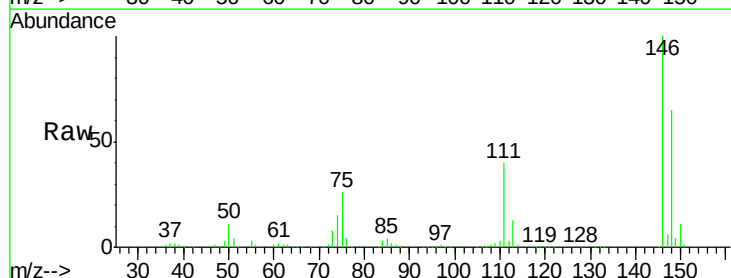
Tgt Ion: 146 Resp: 621818

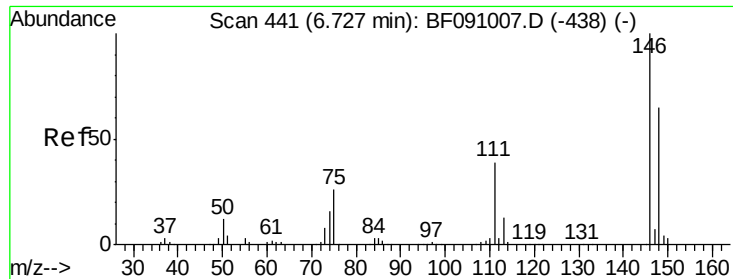
Ion Ratio Lower Upper

146 100

148 64.8 52.0 78.0

75 26.0 23.0 34.6

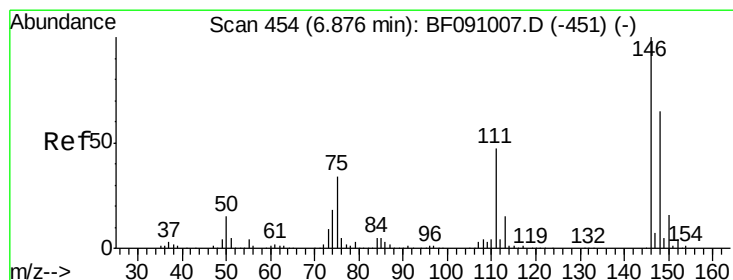
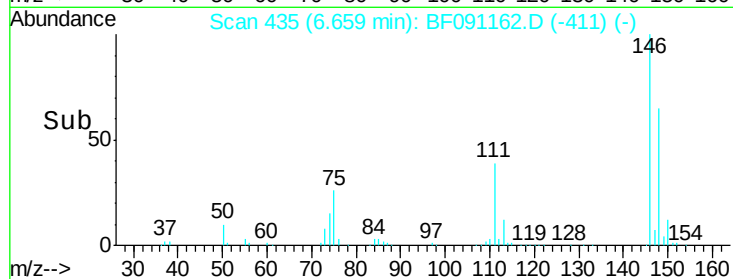
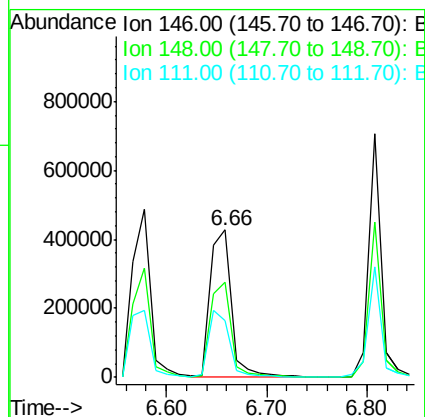
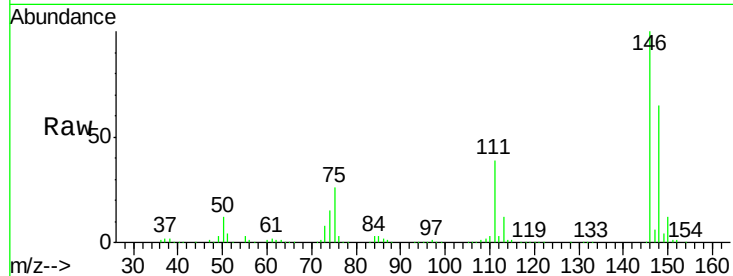




#13
 1,4-Dichlorobenzene
 Concen: 37.86 ng
 RT: 6.66 min Scan# 435
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

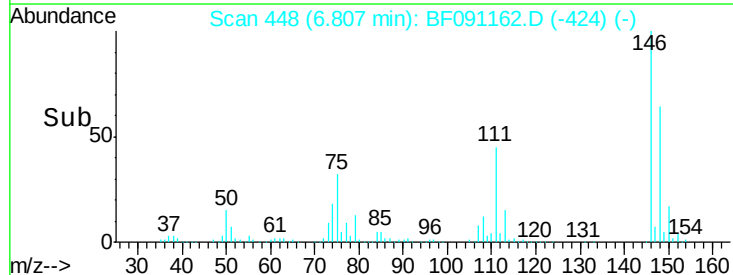
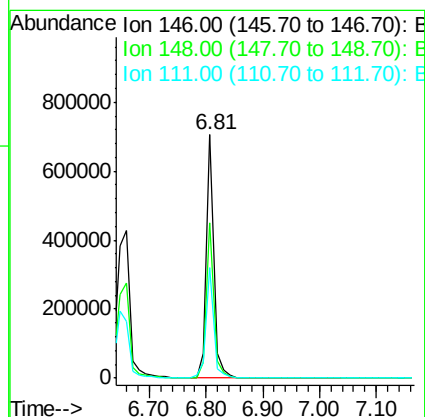
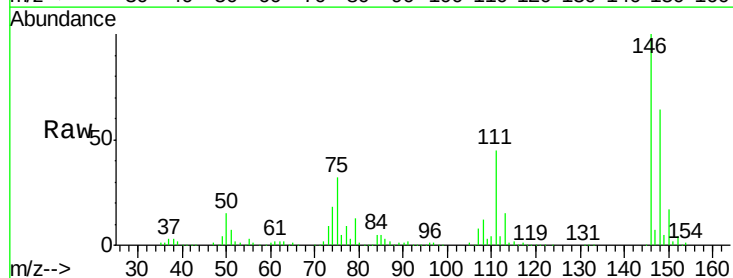
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

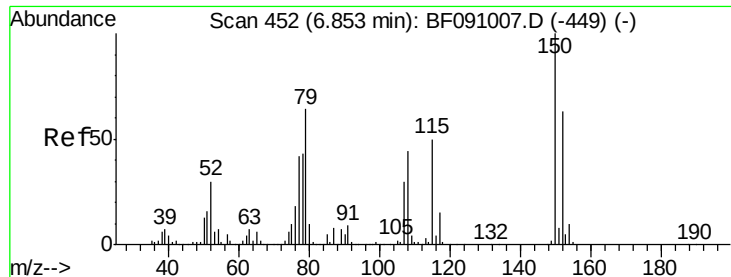
Tot Ion:146 Resp: 632277
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.1 78.1
 111 38.9 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 40.32 ng
 RT: 6.81 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Tgt Ion:146 Resp: 617930
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.6 77.4
 111 45.2 37.3 55.9





#15

Benzyl Alcohol

Concen: 35.75 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

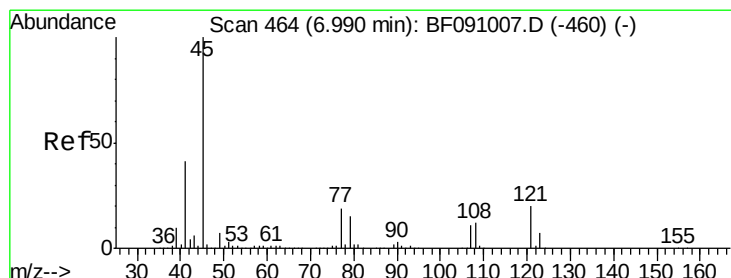
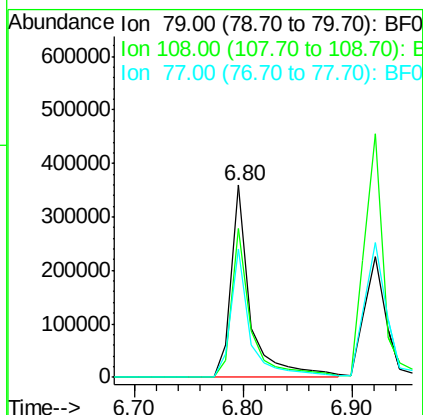
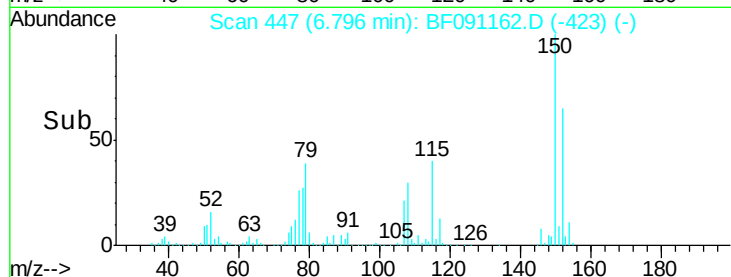
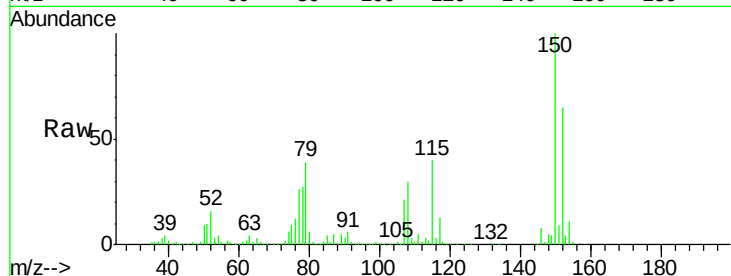
Tot Ion: 79 Resp: 441597

Ion Ratio Lower Upper

79 100

108 77.3 55.7 83.5

77 66.7 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.34 ng

RT: 6.92 min Scan# 458

Delta R.T. -0.03 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

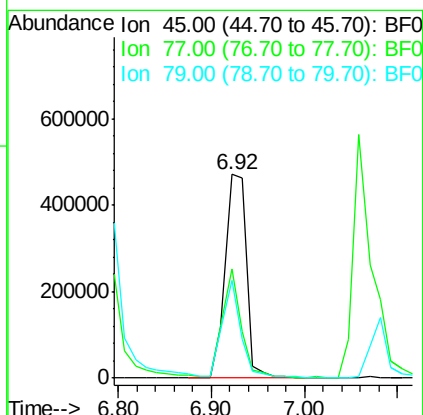
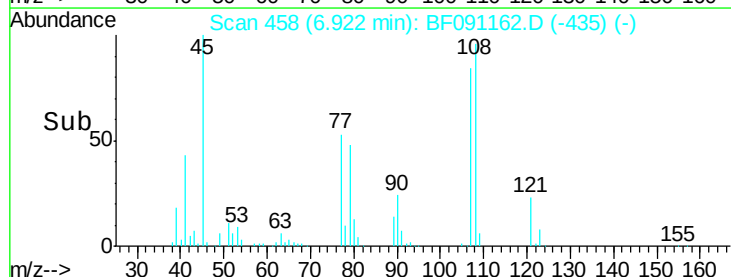
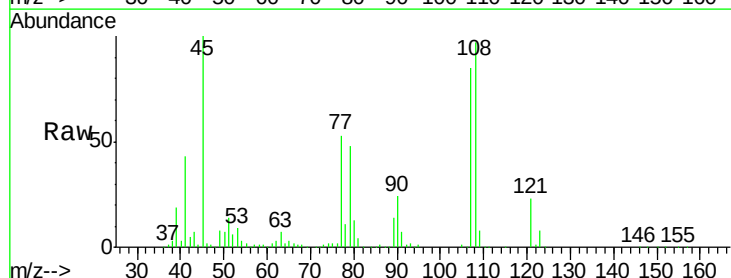
Tgt Ion: 45 Resp: 756318

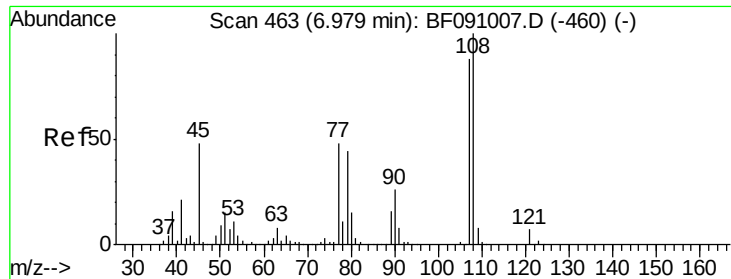
Ion Ratio Lower Upper

45 100

77 53.5 0.0 39.6#

79 47.9 0.0 35.9#

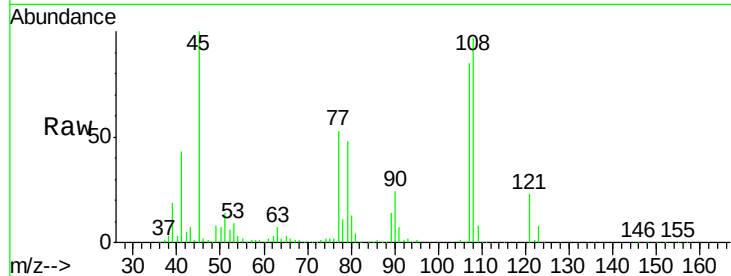




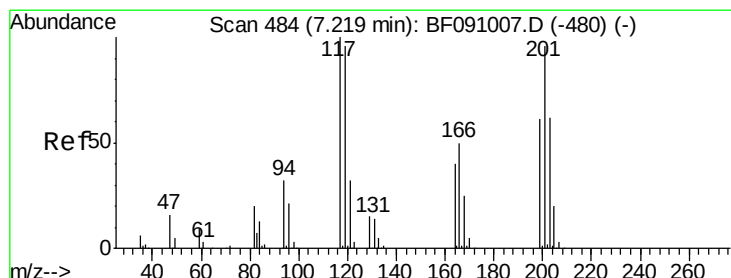
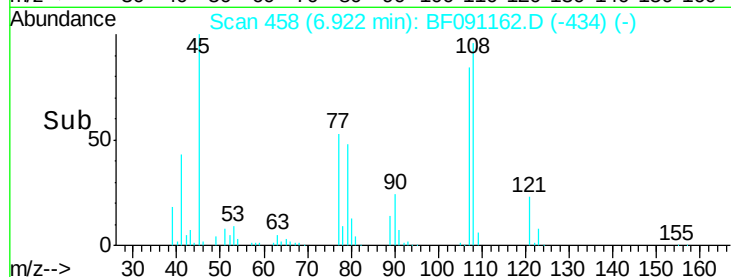
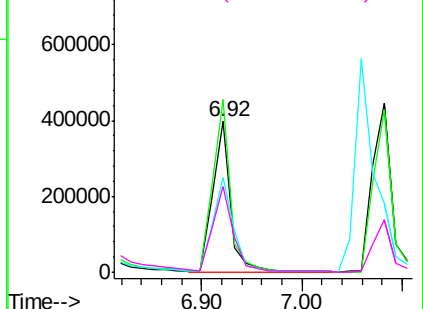
#17
2-Methylphenol
Concen: 38.95 ng
RT: 6.92 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 474495
Ion Ratio Lower Upper
107 100
108 114.4 91.0 136.6
77 63.2 43.8 65.8
79 56.6 40.6 60.8

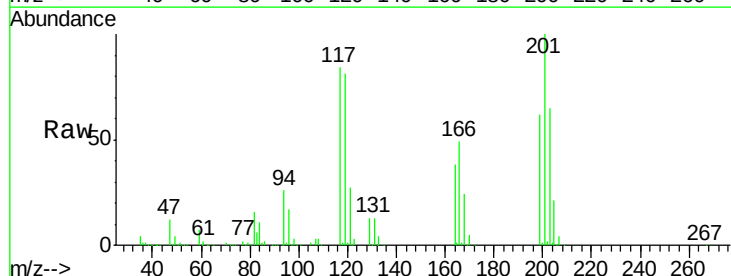


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

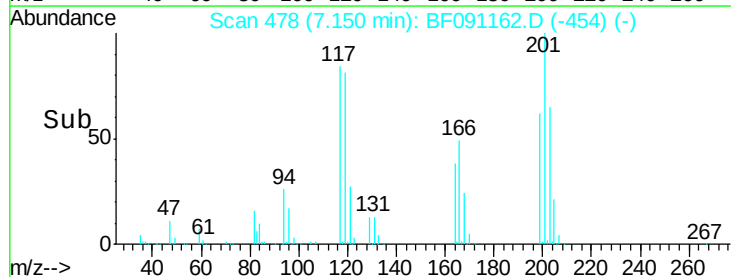
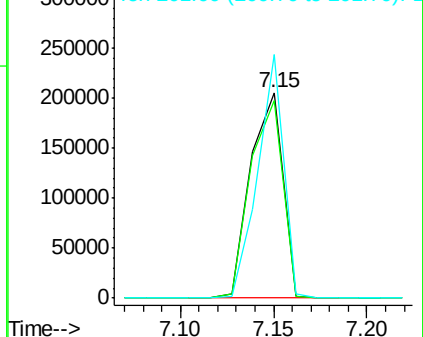


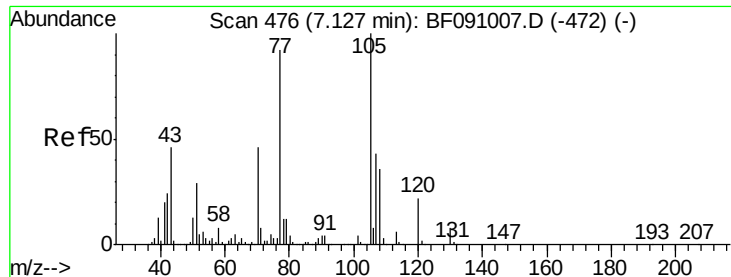
#18
Hexachloroethane
Concen: 38.03 ng
RT: 7.15 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Tgt Ion:117 Resp: 245798
Ion Ratio Lower Upper
117 100
119 96.2 76.6 115.0
201 118.5 77.1 115.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

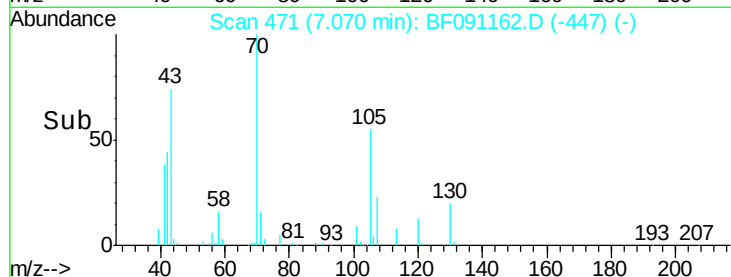
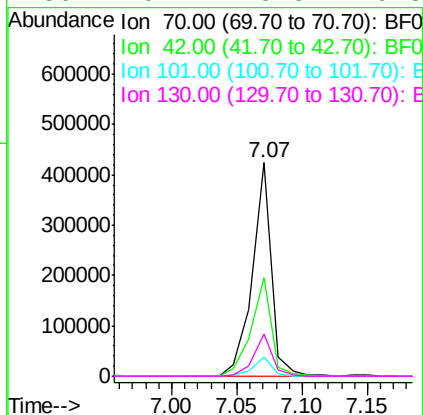
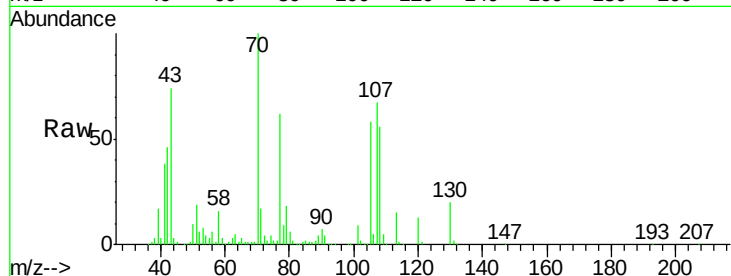




#19
n-Nitroso-di-n-propylamine
Concen: 35.75 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

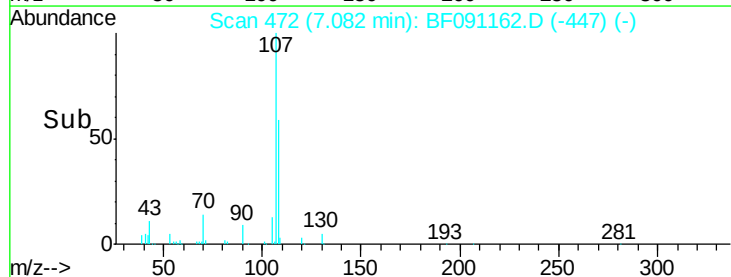
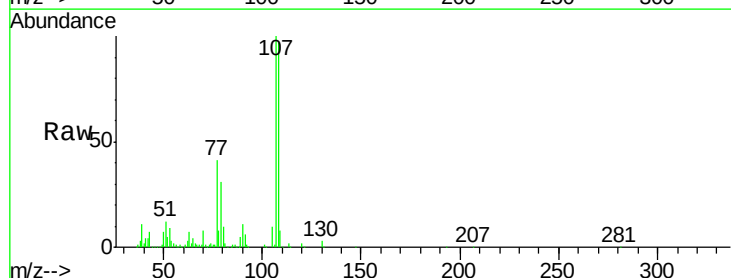
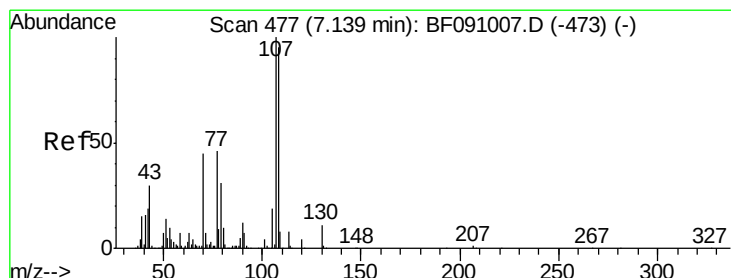
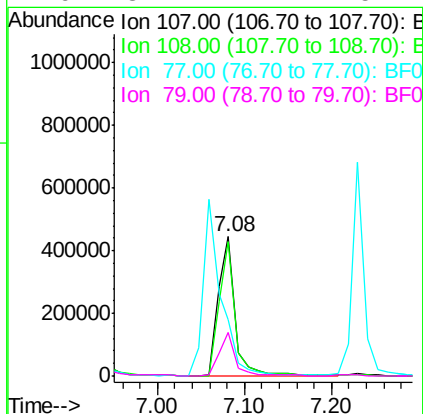
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

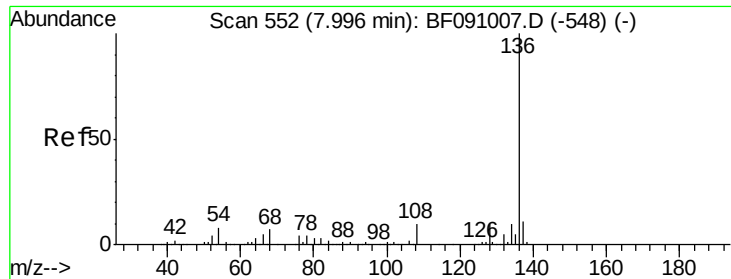
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.2	41.7	62.5
101	9.1	6.7	10.1
130	19.7	13.8	20.8



#20
3+4-Methylphenols
Concen: 41.66 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.6	75.5	115.5
77	40.6	26.4	66.4
79	31.2	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 877427

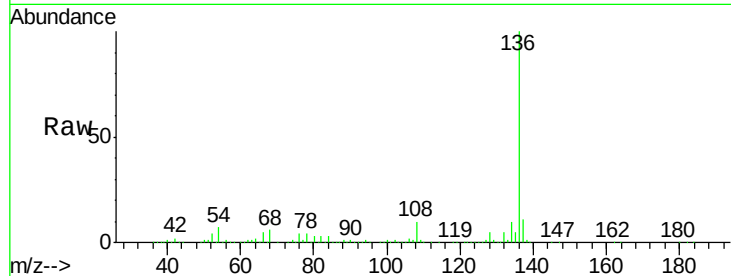
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.9 6.2 9.2

68 6.3 5.5 8.3

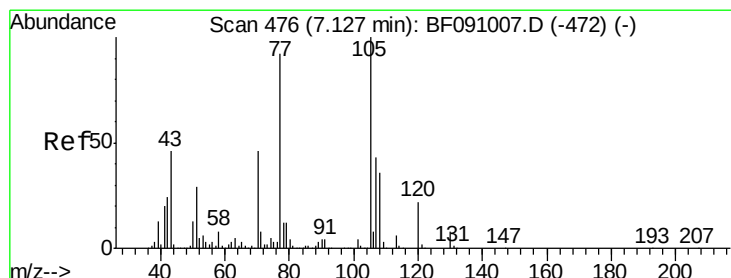
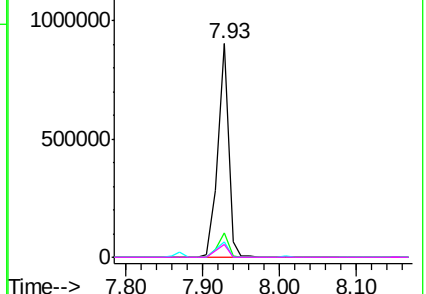
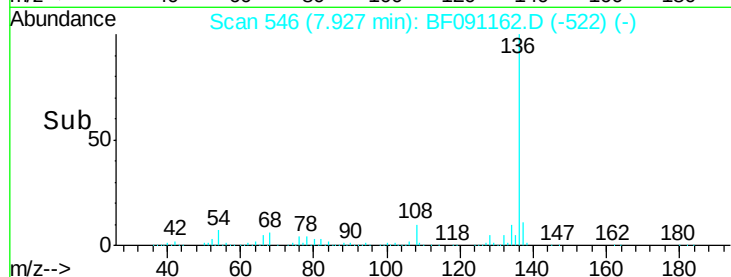


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.39 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Tgt Ion:105 Resp: 775495

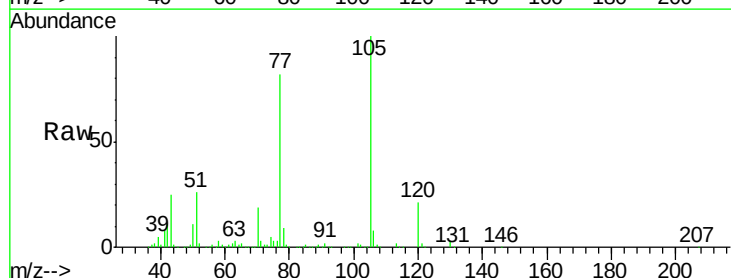
Ion Ratio Lower Upper

105 100

71 3.2 6.2 9.2#

51 26.1 23.3 34.9

120 21.1 17.4 26.0

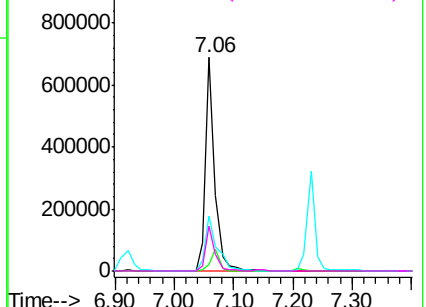
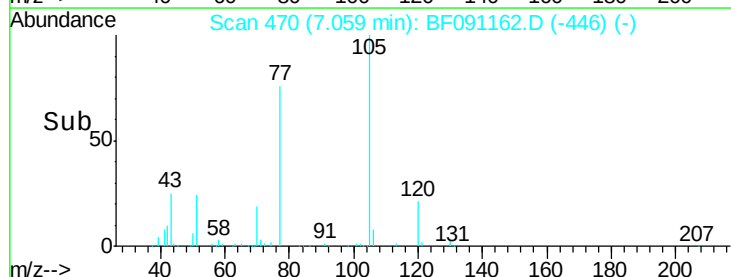


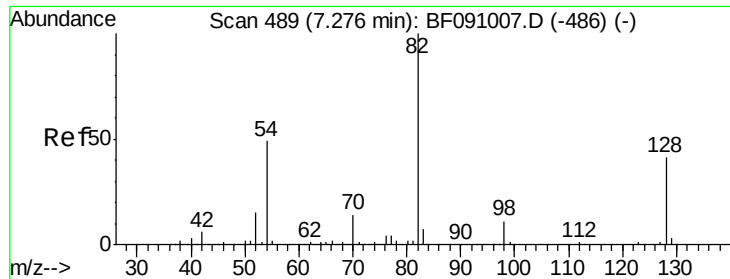
Abundance Ion 105.00 (104.70 to 105.70): E

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

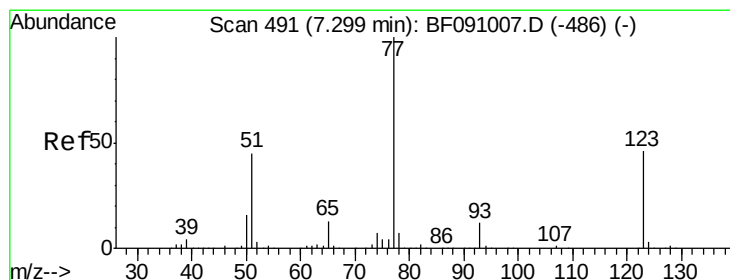
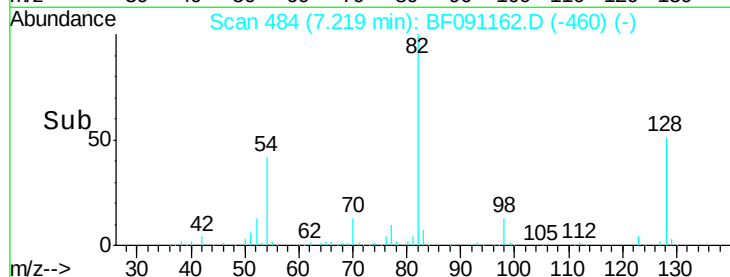
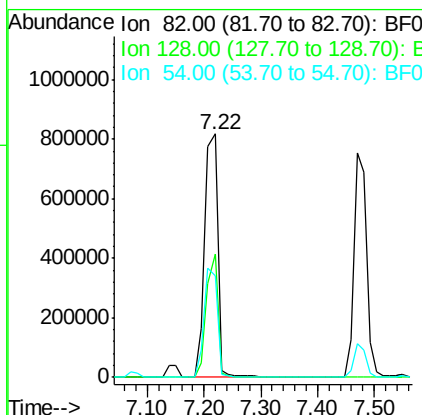
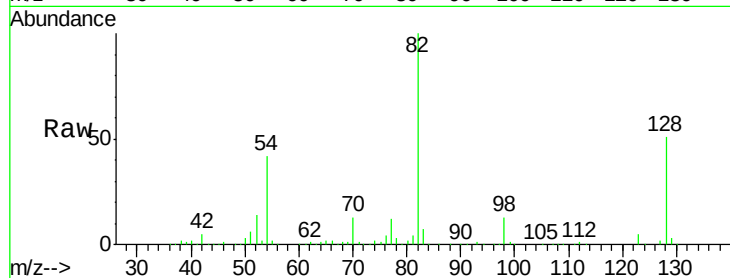




#23
 Nitrobenzene-d5
 Concen: 78.36 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

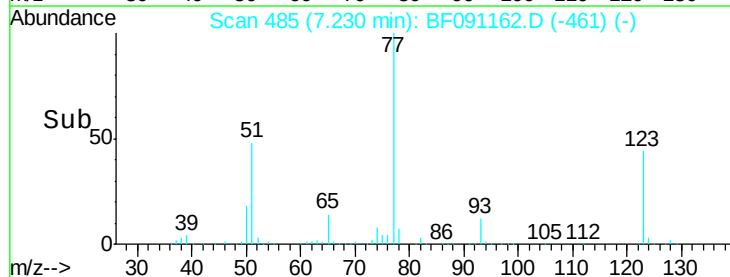
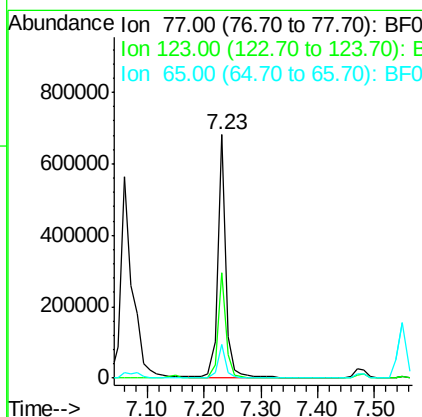
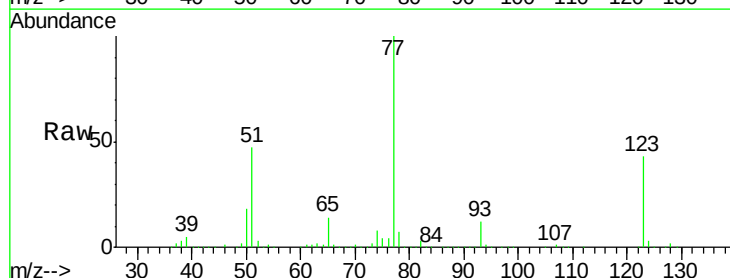
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

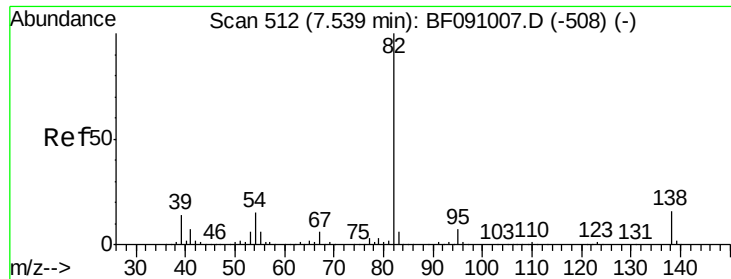
Tot Ion: 82 Resp: 1260449
 Ion Ratio Lower Upper
 82 100
 128 50.6 32.4 48.6#
 54 41.7 39.2 58.8



#24
 Nitrobenzene
 Concen: 37.45 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Tgt Ion: 77 Resp: 665251
 Ion Ratio Lower Upper
 77 100
 123 43.2 36.5 54.7
 65 13.7 10.7 16.1





#25

Isophorone

Concen: 37.76 ng

RT: 7.47 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

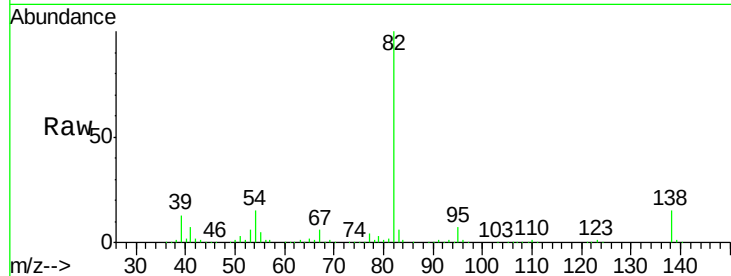
Tot Ion: 82 Resp: 1170482

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

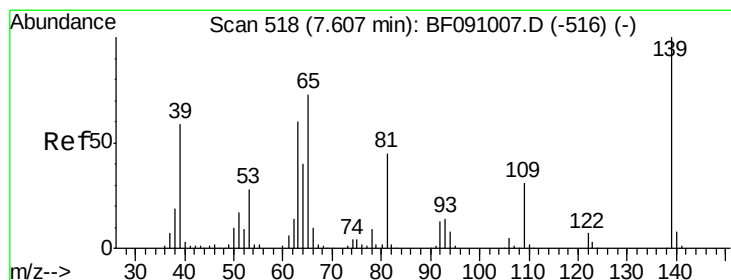
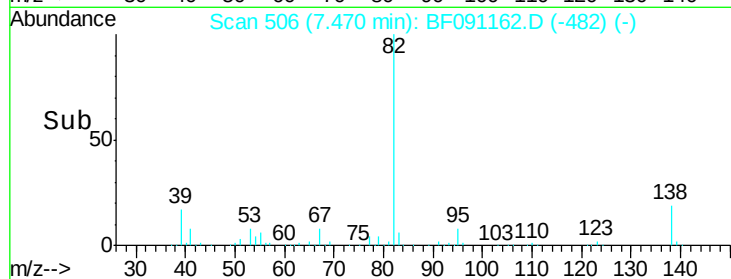
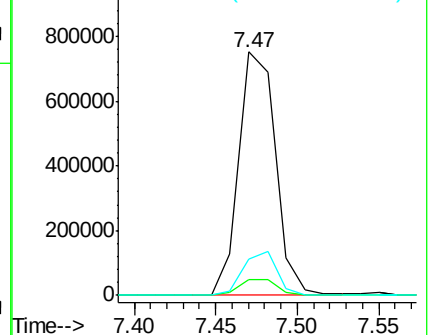
138 14.7 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.05 ng

RT: 7.55 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

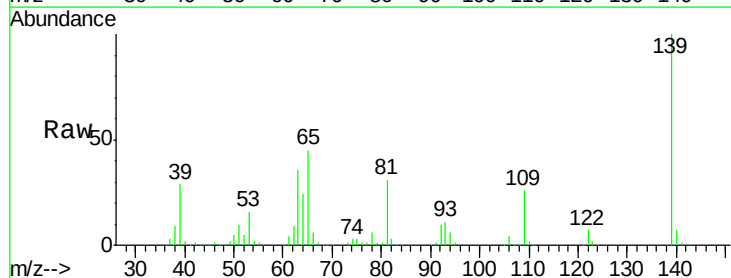
Tgt Ion: 139 Resp: 338670

Ion Ratio Lower Upper

139 100

109 25.8 24.7 37.1

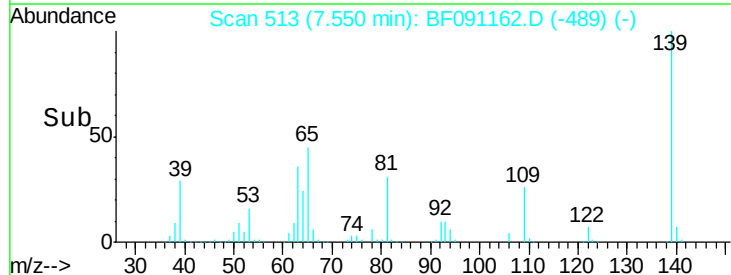
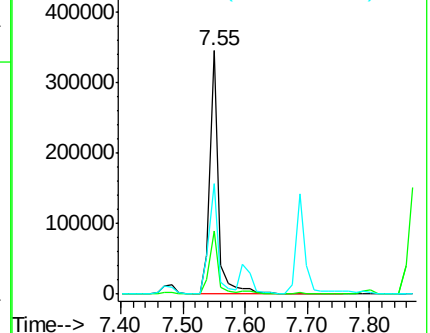
65 45.2 58.3 87.5#

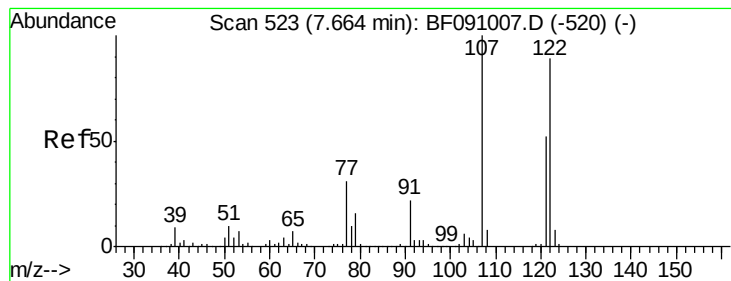


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.14 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

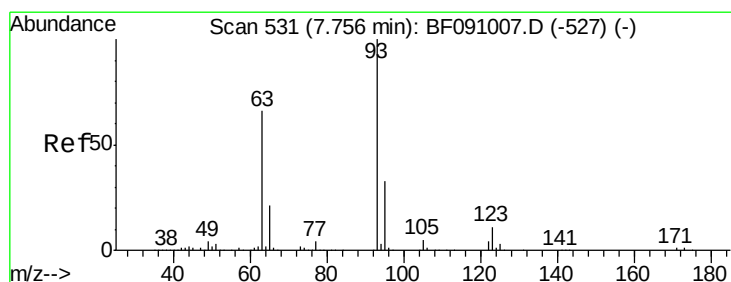
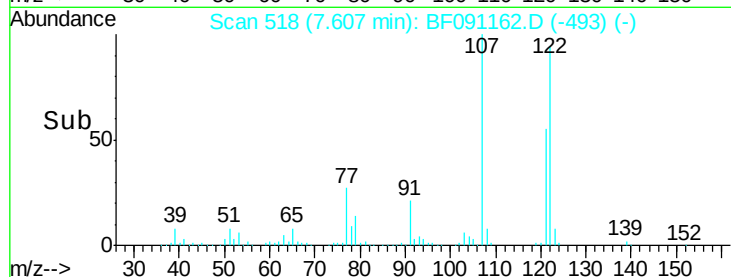
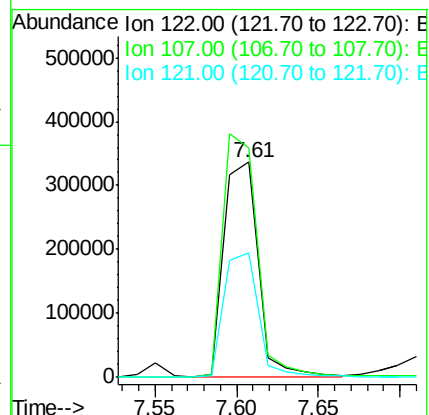
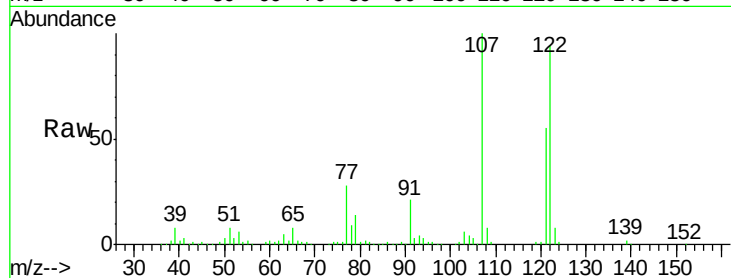
Tot Ion:122 Resp: 486659

Ion Ratio Lower Upper

122 100

107 106.4 89.6 134.4

121 58.1 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 38.13 ng

RT: 7.69 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

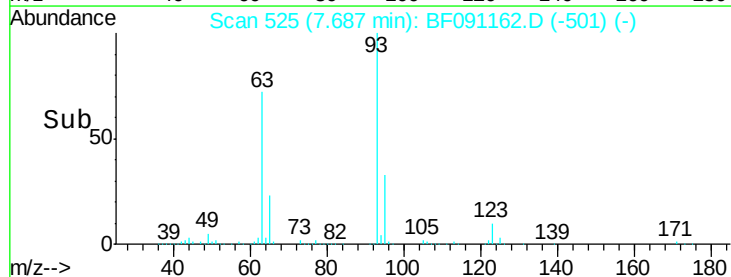
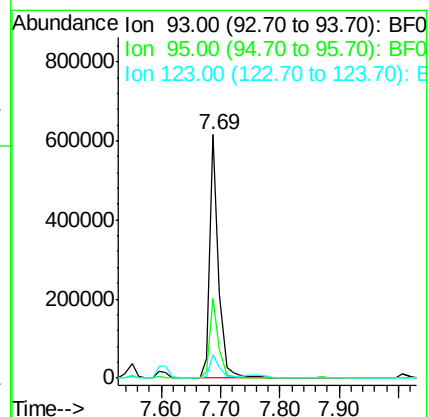
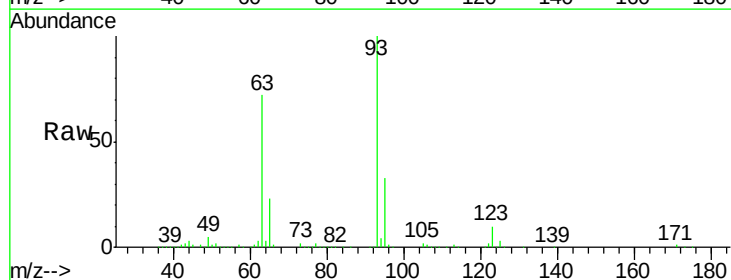
Tgt Ion: 93 Resp: 645596

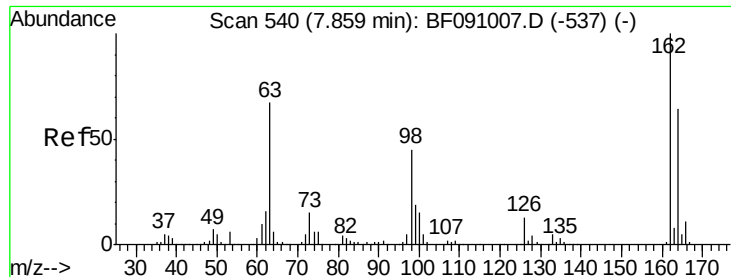
Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

123 9.7 8.7 13.1

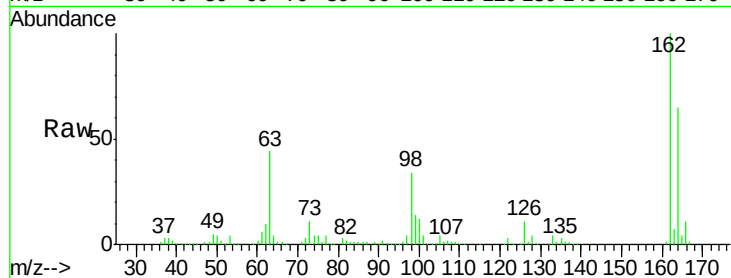




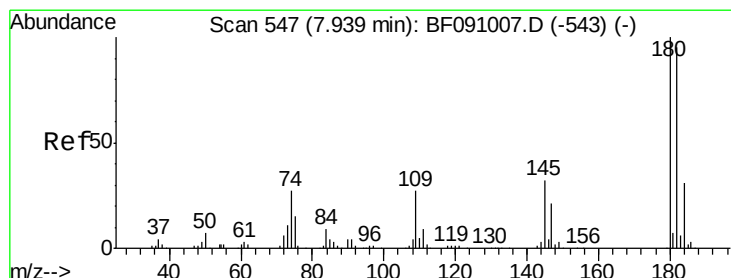
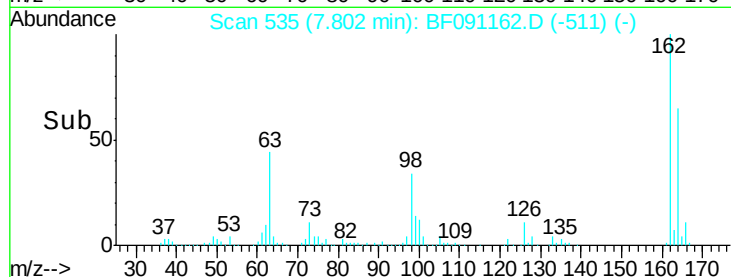
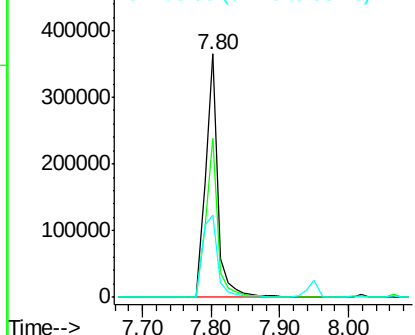
#29
 2,4-Dichlorophenol
 Concen: 41.11 ng
 RT: 7.80 min Scan# 535
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 446061
 Ion Ratio Lower Upper
 162 100
 164 65.5 44.4 84.4
 98 34.0 25.2 65.2

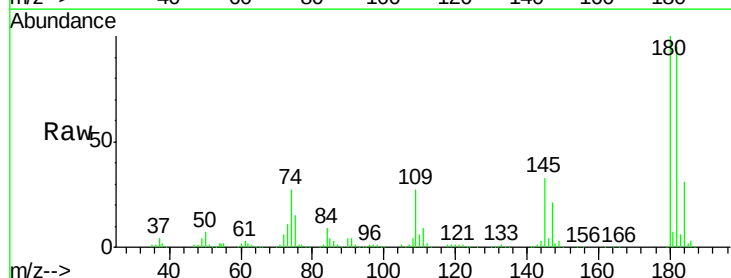


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

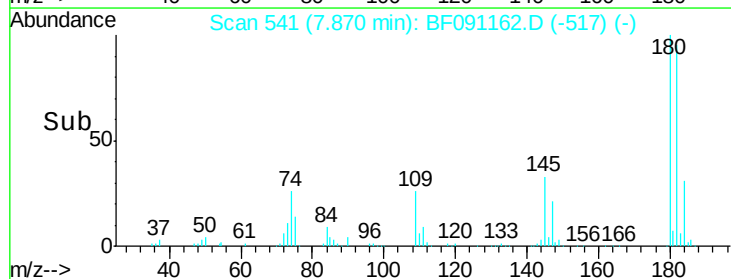
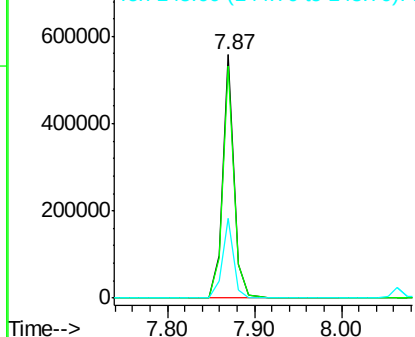


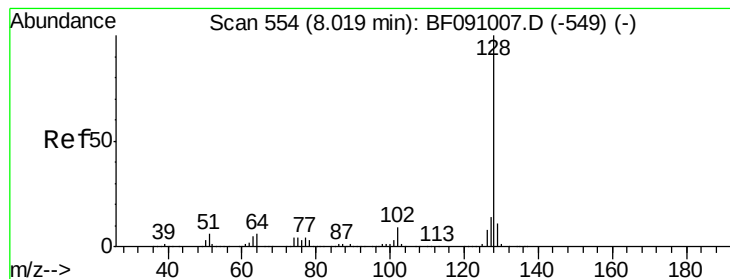
#30
 1,2,4-Trichlorobenzene
 Concen: 42.13 ng
 RT: 7.87 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Tgt Ion:180 Resp: 514006
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.0 114.0
 145 32.9 25.8 38.8



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





#31

Naphthalene

Concen: 41.41 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

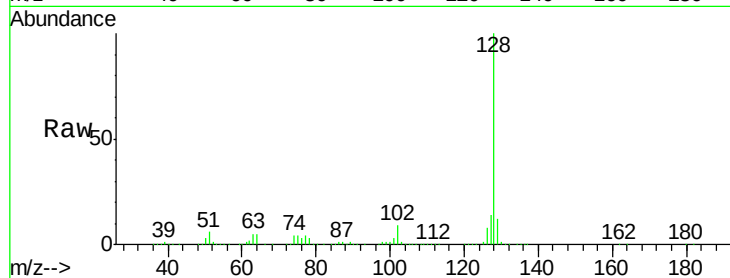
Tot Ion:128 Resp: 1737464

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

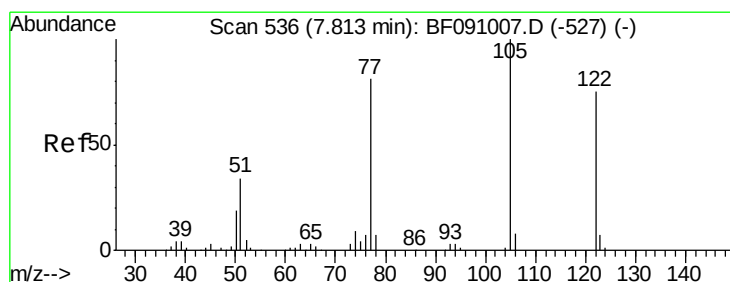
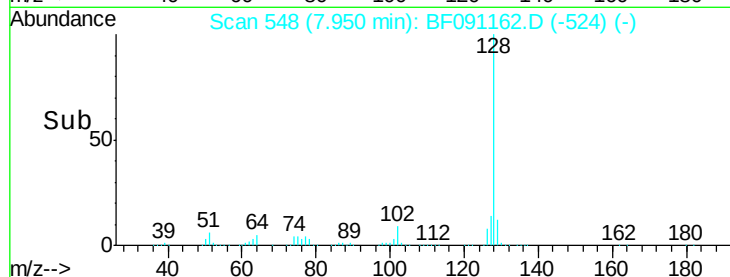
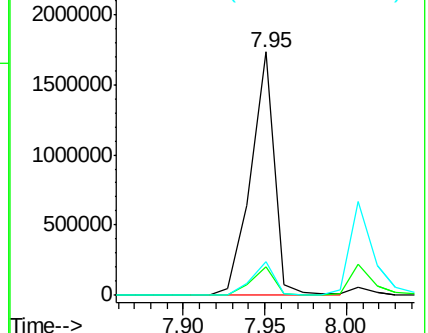
127 14.1 10.9 16.3



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: 37.93 ng

RT: 7.77 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

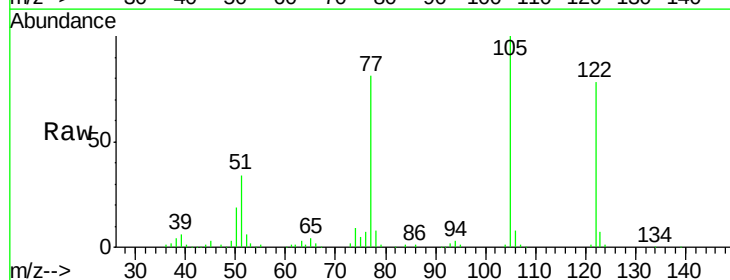
Tgt Ion:122 Resp: 356336

Ion Ratio Lower Upper

122 100

105 128.6 105.9 145.9

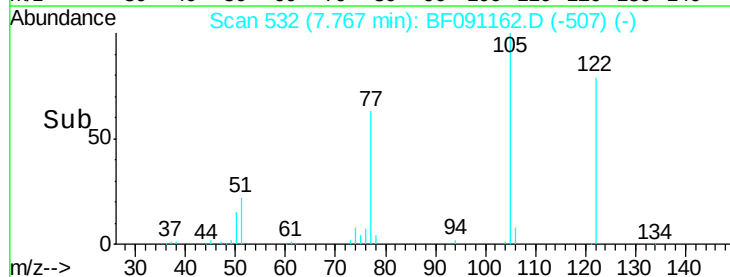
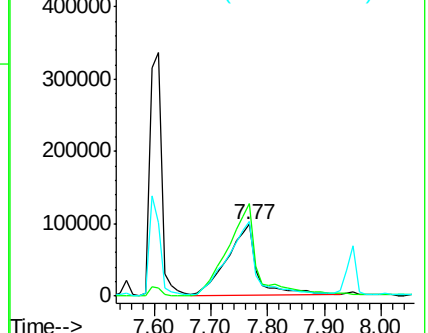
77 104.0 84.0 124.0

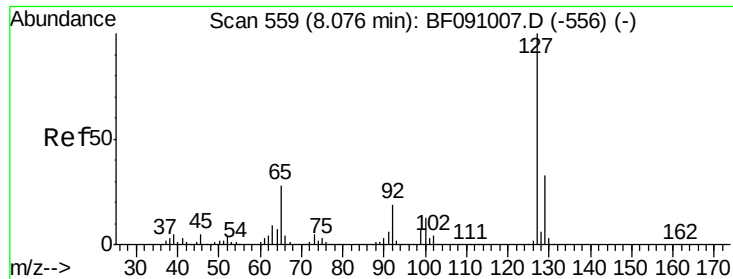


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

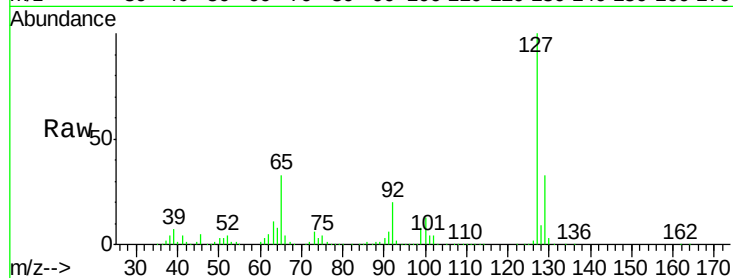




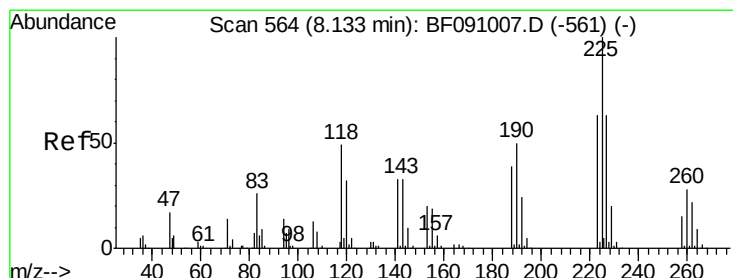
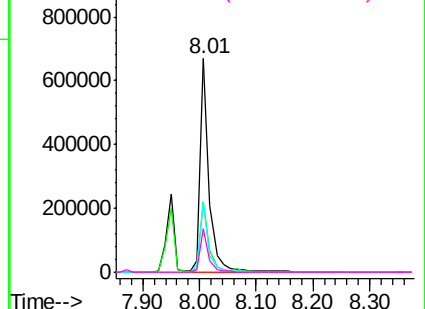
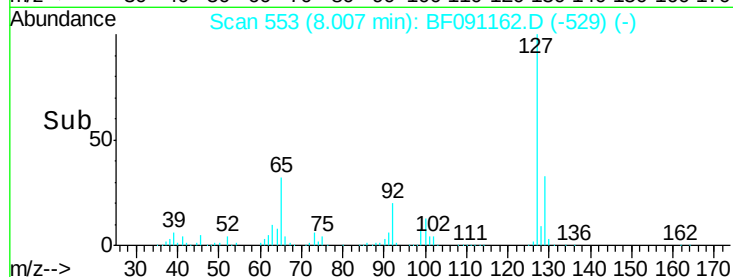
#33
4-Chloroaniline
Concen: 41.05 ng
RT: 8.01 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	716331
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	32.9	22.2	33.2
92	20.2	15.0	22.4

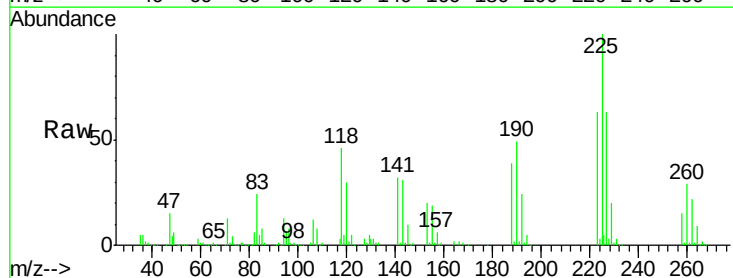


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

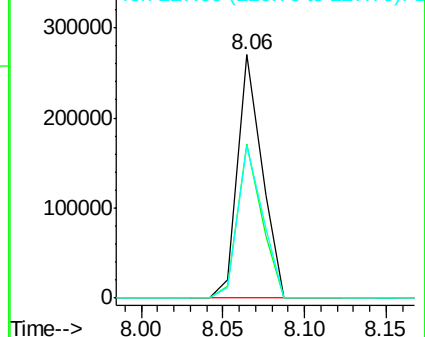
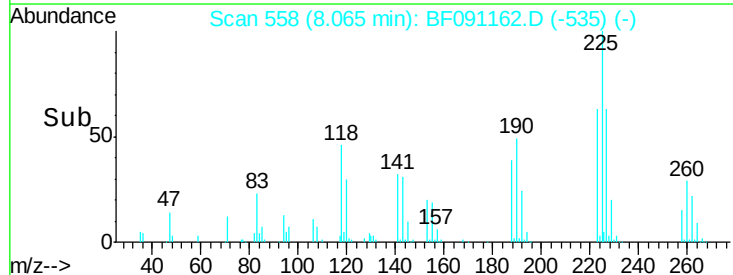


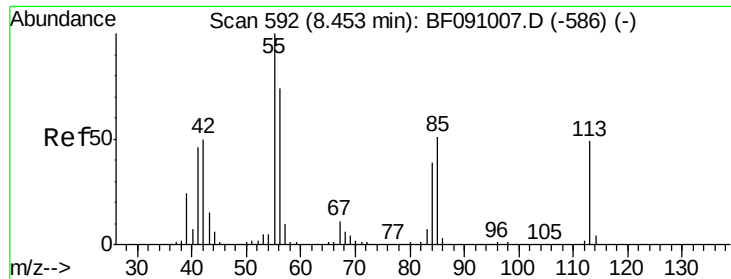
#34
Hexachlorobutadiene
Concen: 42.26 ng
RT: 8.06 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Tgt Ion:	225	Resp:	278256
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.4	75.6
227	62.8	50.1	75.1



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

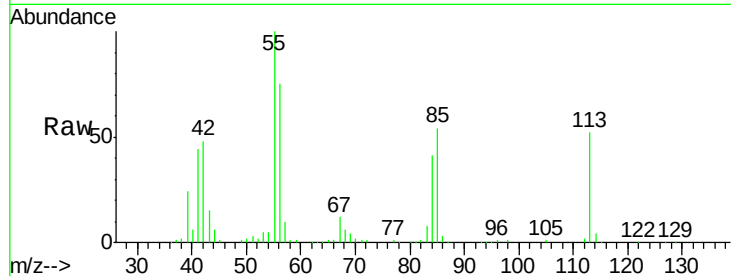




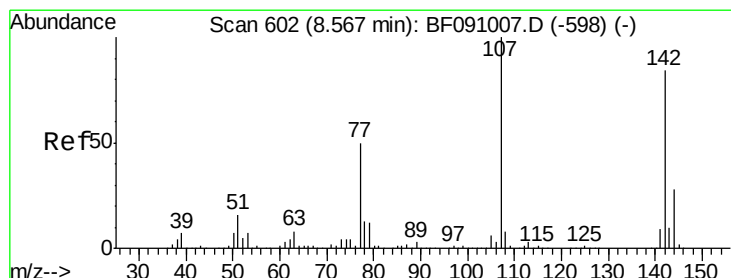
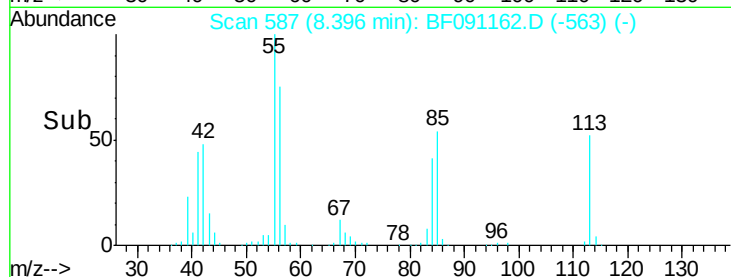
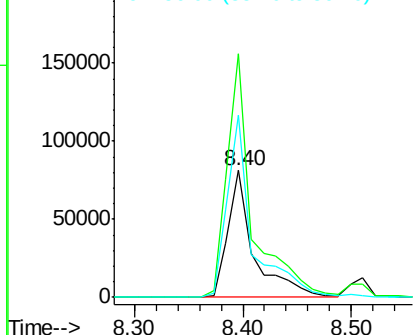
#35
 Caprolactam
 Concen: 39.71 ng
 RT: 8.40 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 135371
 Ion Ratio Lower Upper
 113 100
 55 192.0 184.1 224.1
 56 143.9 132.0 172.0

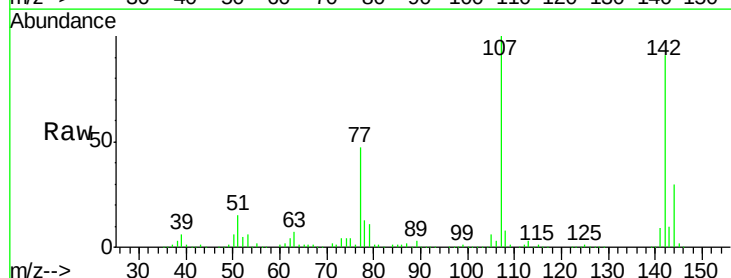


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

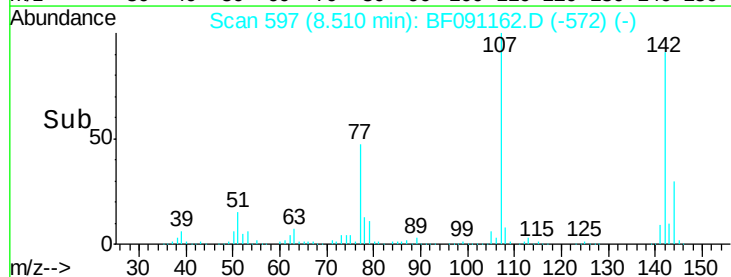
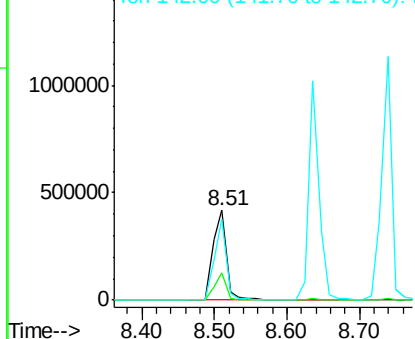


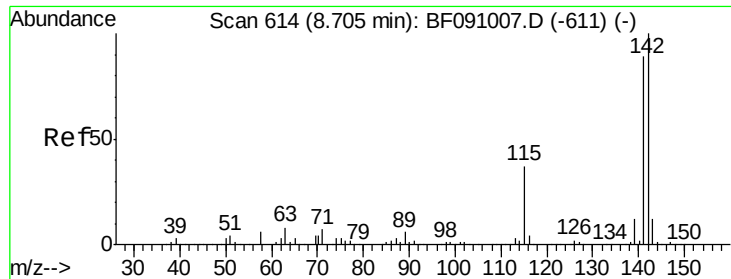
#36
 4-Chloro-3-methylphenol
 Concen: 40.73 ng
 RT: 8.51 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Tgt Ion:107 Resp: 534946
 Ion Ratio Lower Upper
 107 100
 144 30.1 22.5 33.7
 142 91.1 67.4 101.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

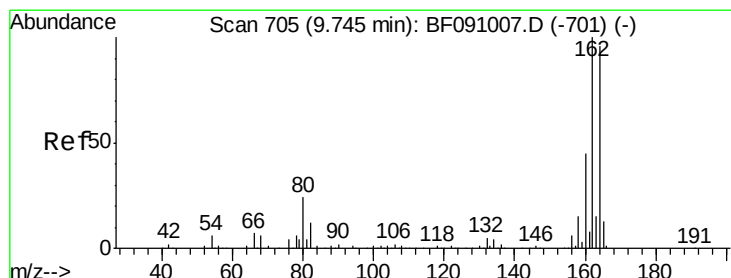
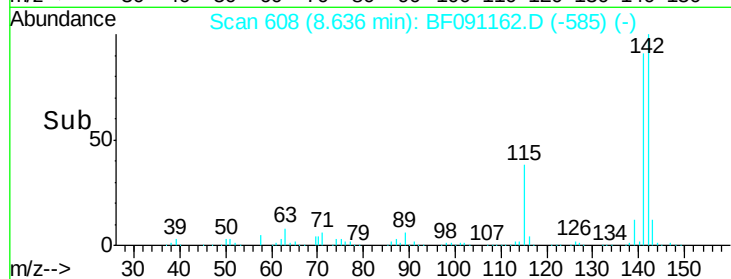
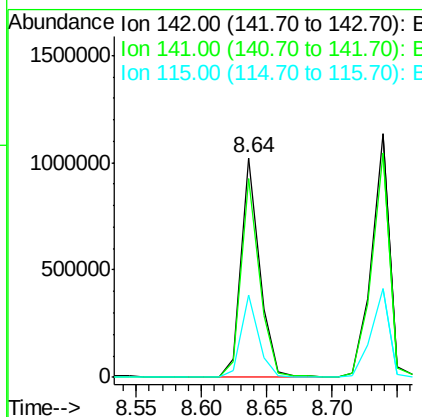
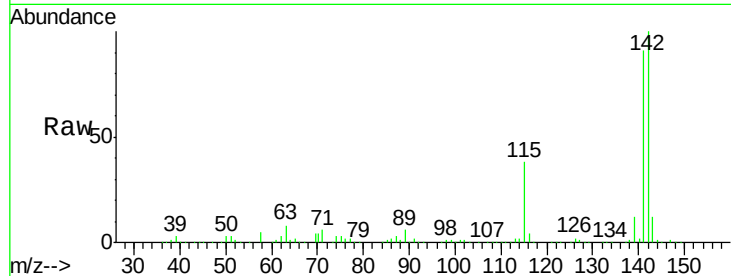




#37
2-Methylnaphthalene
Concen: 37.51 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

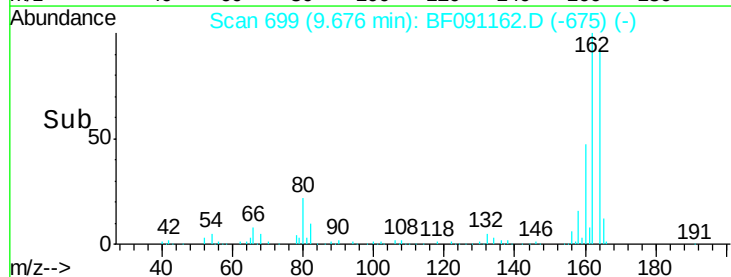
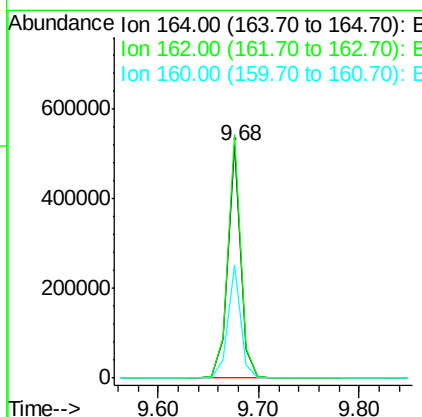
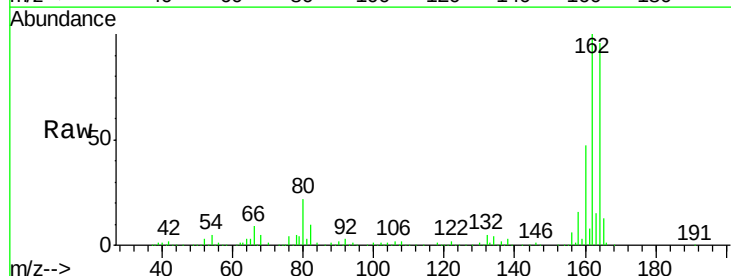
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

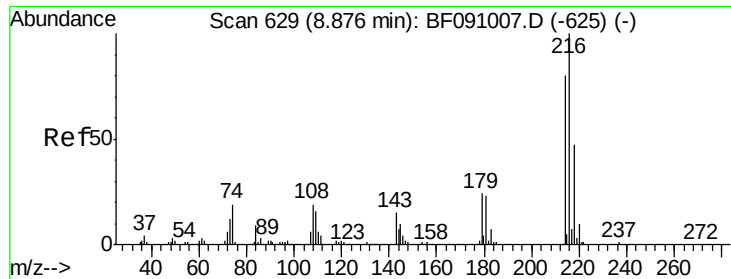
Tot Ion:142 Resp: 1011971
Ion Ratio Lower Upper
142 100
141 90.6 71.3 106.9
115 37.7 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Tgt Ion:164 Resp: 467263
Ion Ratio Lower Upper
164 100
162 104.4 83.6 125.4
160 48.6 37.9 56.9

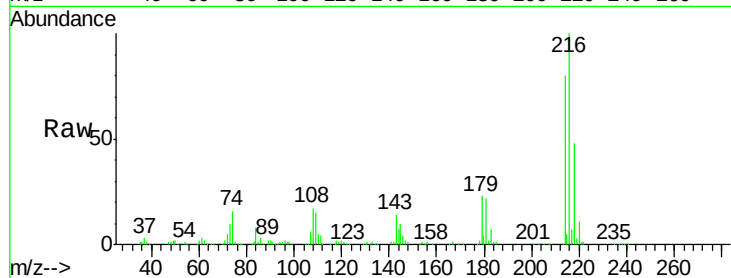




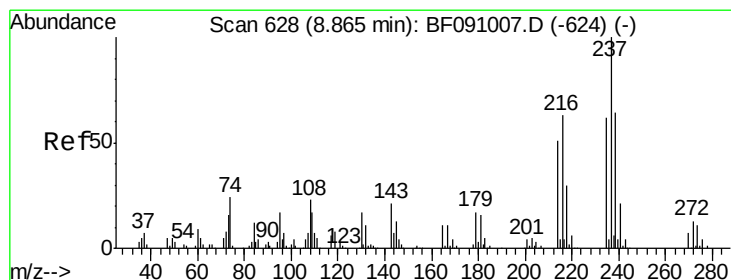
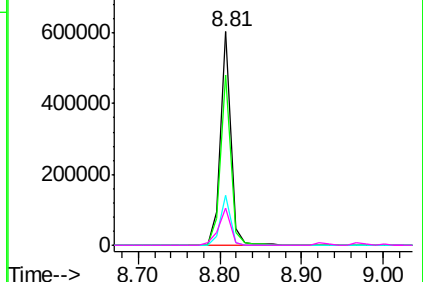
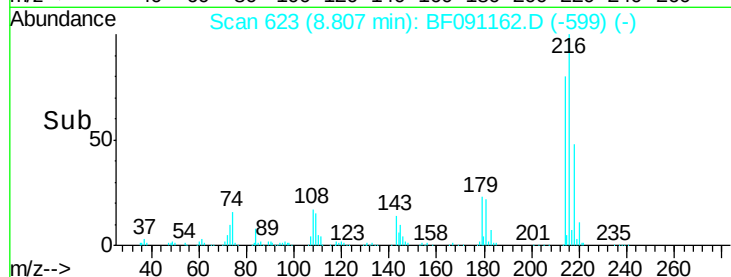
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.37 ng
 RT: 8.81 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:216	Resp:	528606
Ion Ratio	Lower	Upper
216	100	
214	79.7	63.5 95.3
179	23.3	19.1 28.7
108	20.5	17.5 26.3

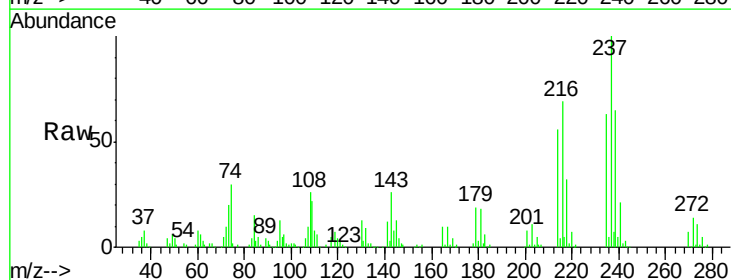


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

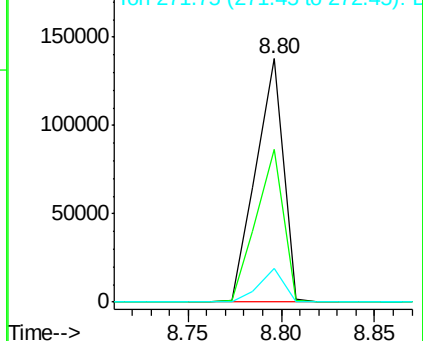
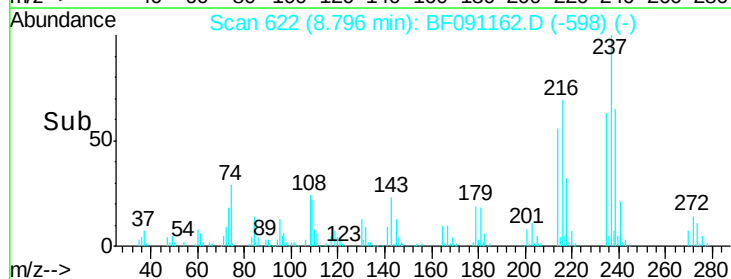


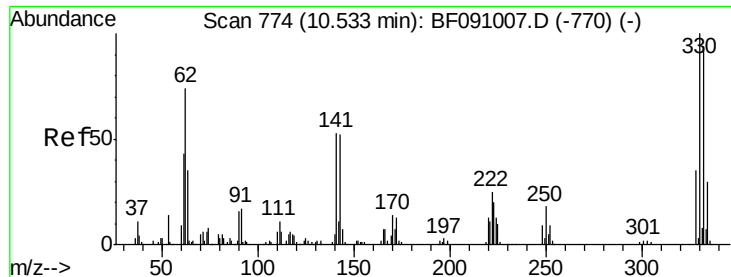
#40
 Hexachlorocyclopentadiene
 Concen: 34.68 ng
 RT: 8.80 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Tgt Ion:237	Resp:	140572
Ion Ratio	Lower	Upper
237	100	
235	62.7	42.1 82.1
272	13.8	0.0 33.1



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

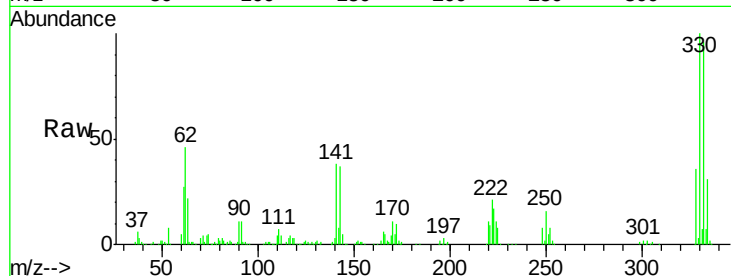




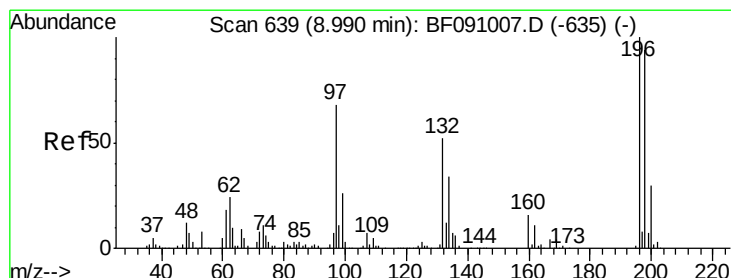
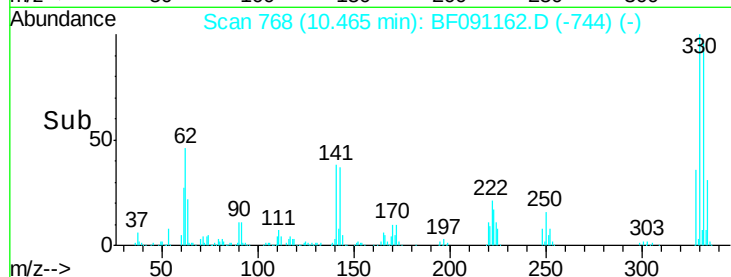
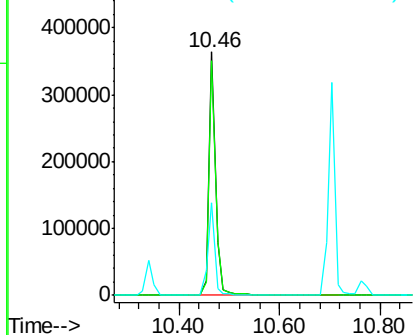
#41
 2,4,6-Tribromophenol
 Concen: 80.60 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 340476
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.9 113.9
 141 40.6 36.1 54.1

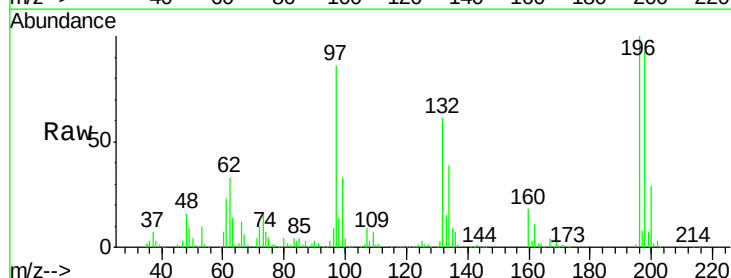


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

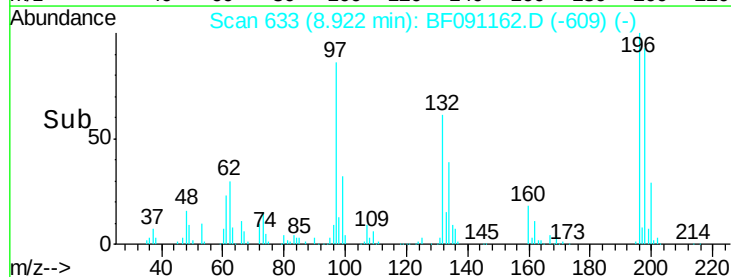
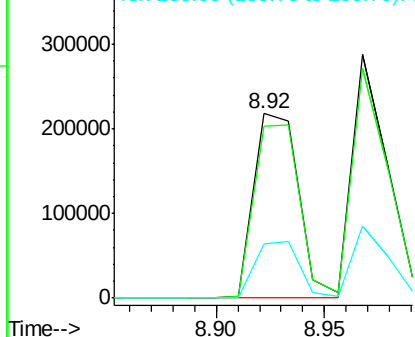


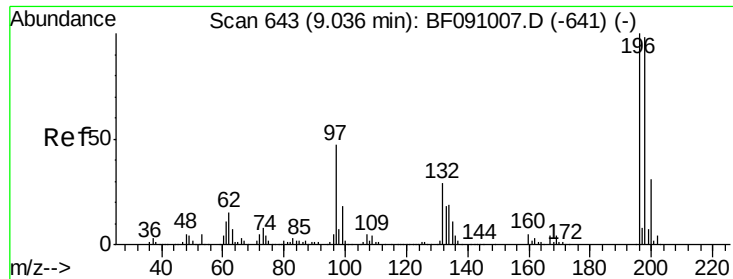
#42
 2,4,6-Trichlorophenol
 Concen: 40.80 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Tgt Ion:196 Resp: 313792
 Ion Ratio Lower Upper
 196 100
 198 93.2 75.4 113.0
 200 29.2 24.1 36.1



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

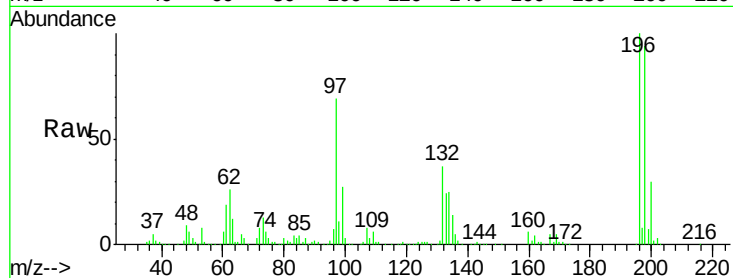




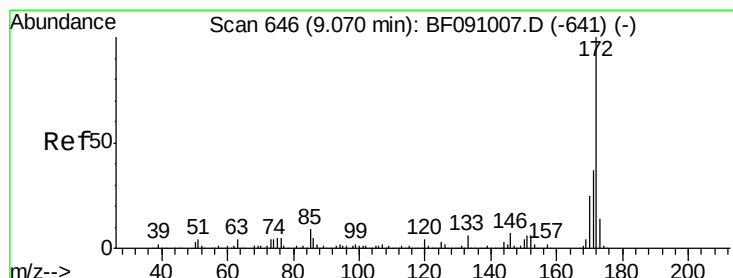
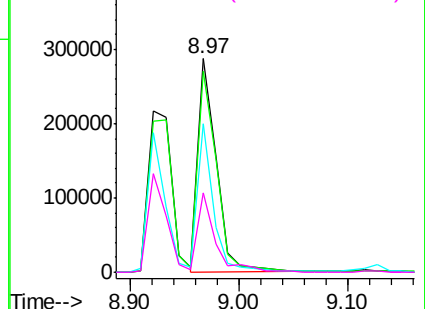
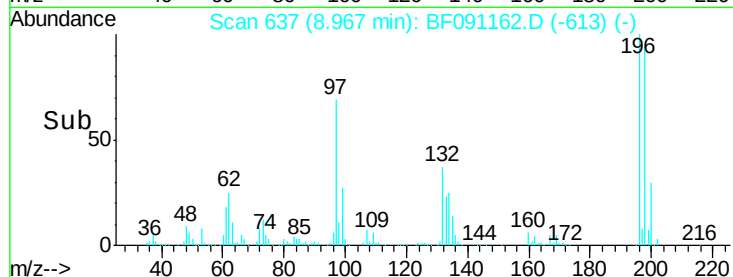
#43
 2,4,5-Trichlorophenol
 Concen: 41.56 ng
 RT: 8.97 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 335554
 Ion Ratio Lower Upper
 196 100
 198 94.3 78.2 117.4
 97 69.3 38.8 58.2#
 132 36.9 23.5 35.3#

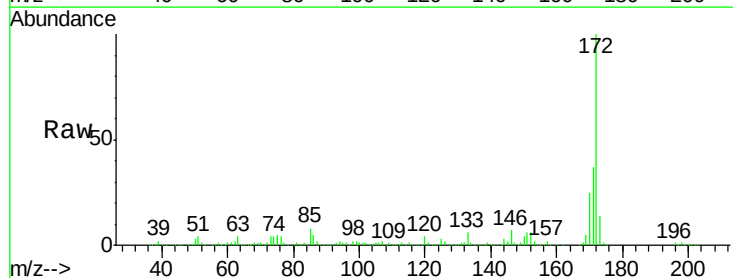


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

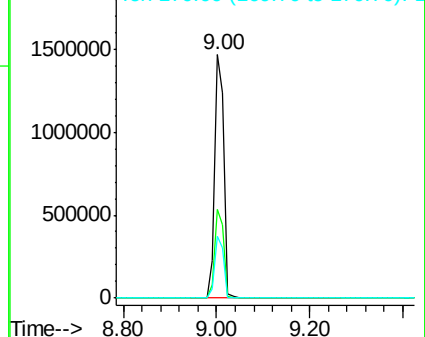
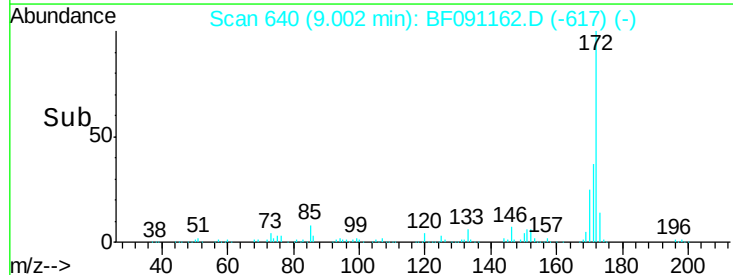


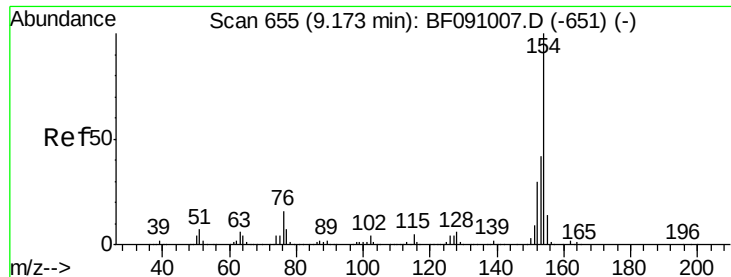
#44
 2-Fluorobiphenyl
 Concen: 75.80 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Tgt Ion:172 Resp: 2057346
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 25.4 20.3 30.5



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

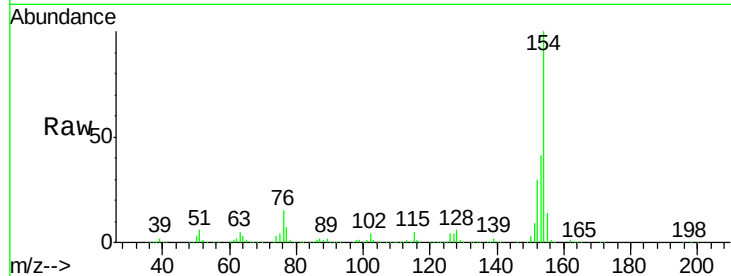




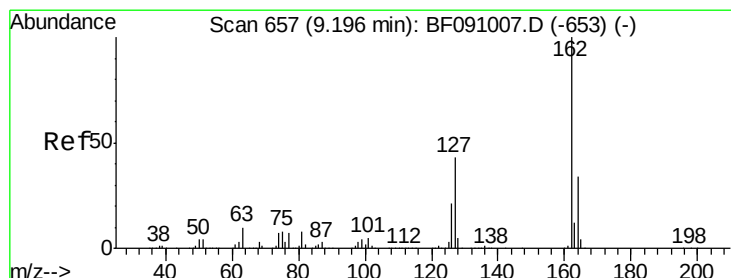
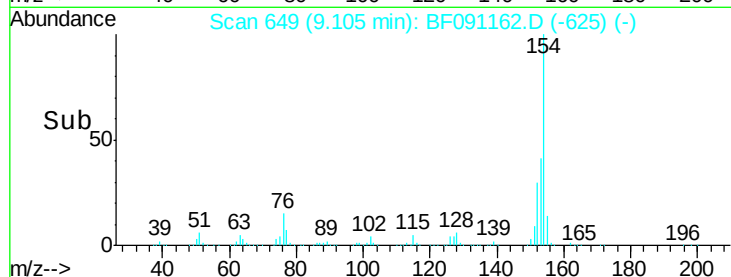
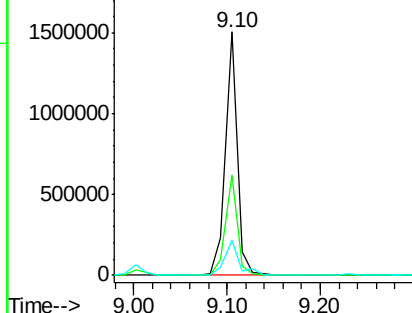
#45
 1,1'-Biphenyl
 Concen: 39.02 ng
 RT: 9.10 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 1331319
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.6 61.6
 76 14.6 0.0 36.2

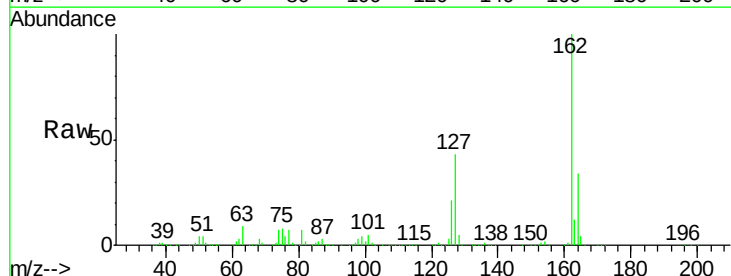


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

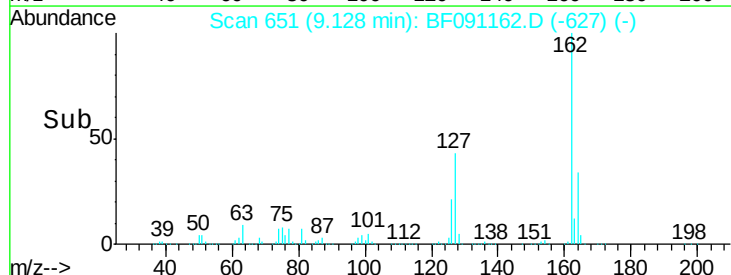
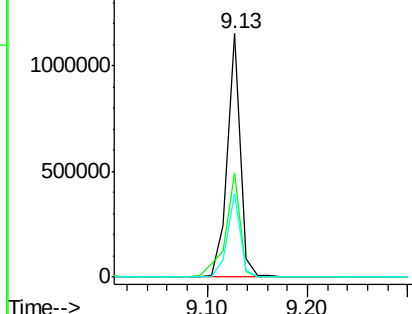


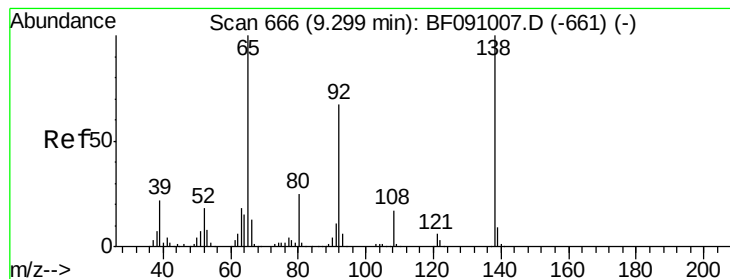
#46
 2-Chloronaphthalene
 Concen: 40.35 ng
 RT: 9.13 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Tgt Ion:162 Resp: 1045294
 Ion Ratio Lower Upper
 162 100
 127 42.7 34.7 52.1
 164 34.3 27.0 40.4



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: 36.07 ng

RT: 9.23 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

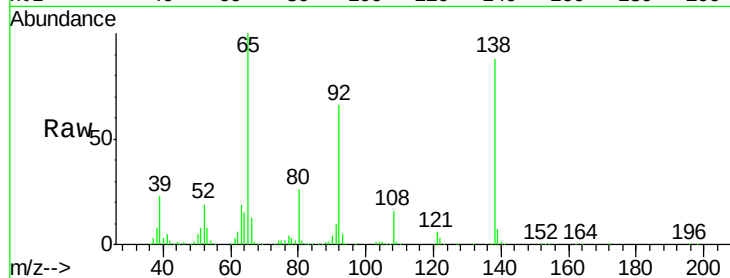
Tot Ion: 65 Resp: 346775

Ion Ratio Lower Upper

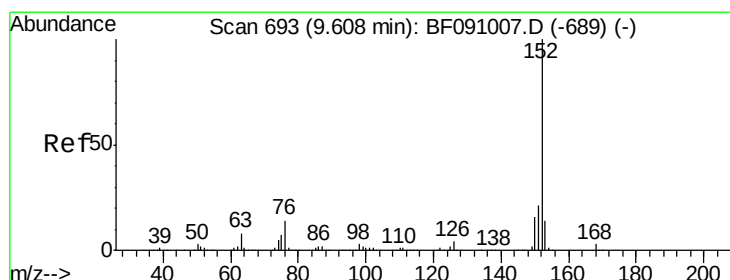
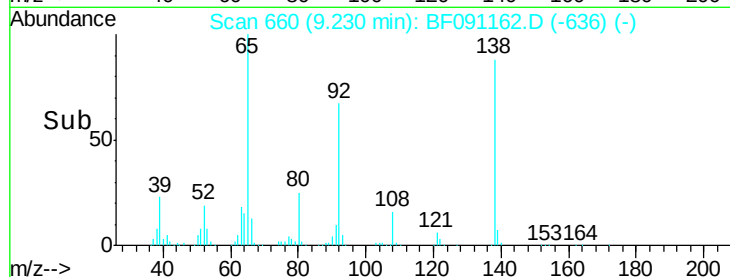
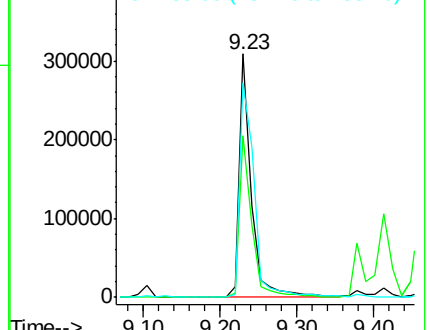
65 100

92 66.5 53.9 80.9

138 88.0 80.1 120.1



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



#48

Acenaphthylene

Concen: 38.67 ng

RT: 9.54 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

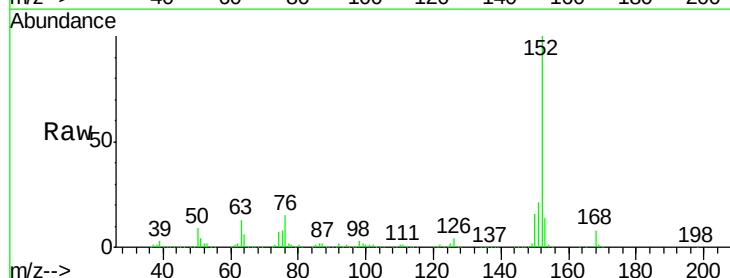
Tgt Ion: 152 Resp: 1561134

Ion Ratio Lower Upper

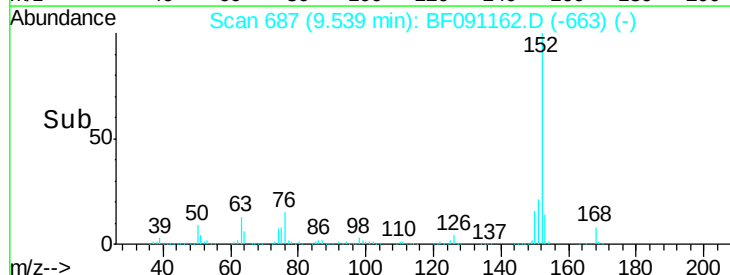
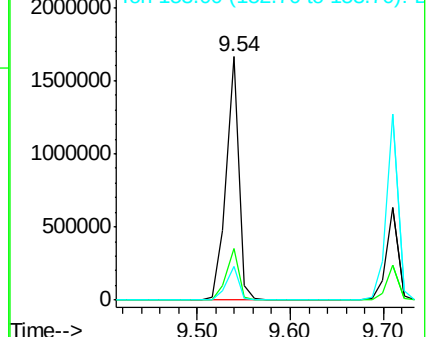
152 100

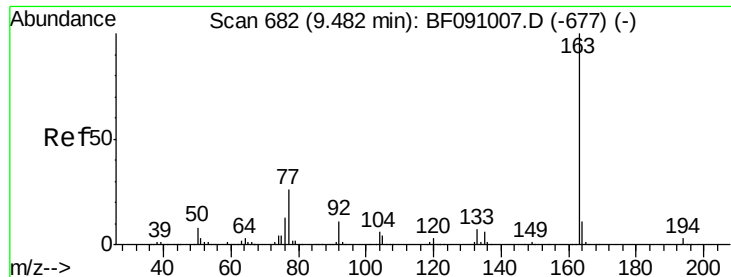
151 21.2 16.7 25.1

153 14.0 11.1 16.7



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: 39.48 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

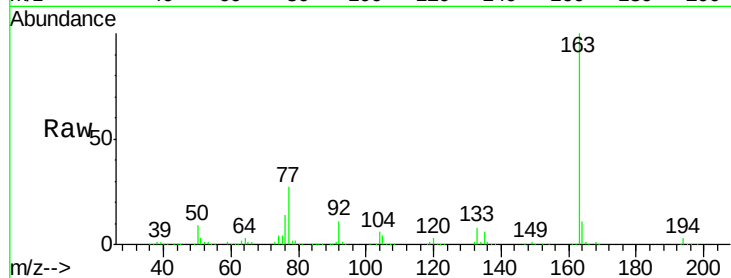
Tot Ion:163 Resp: 1209587

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

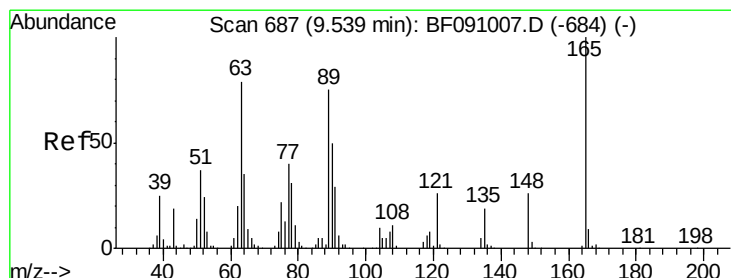
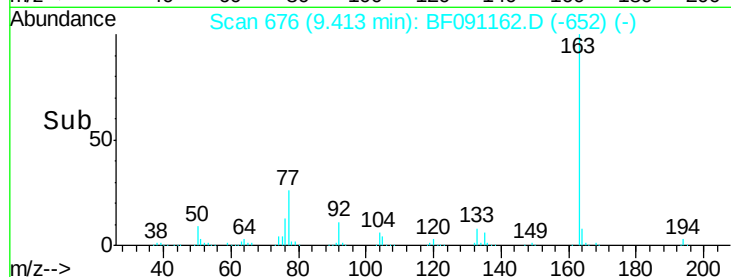
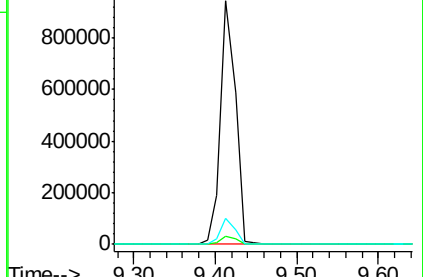
164 10.9 8.7 13.1



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: 47.93 ng

RT: 9.48 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

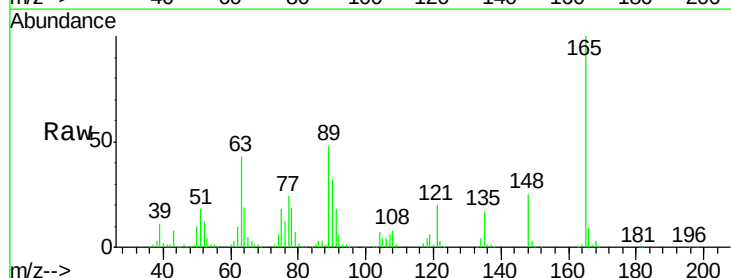
Tgt Ion:165 Resp: 314699

Ion Ratio Lower Upper

165 100

63 42.8 65.6 98.4#

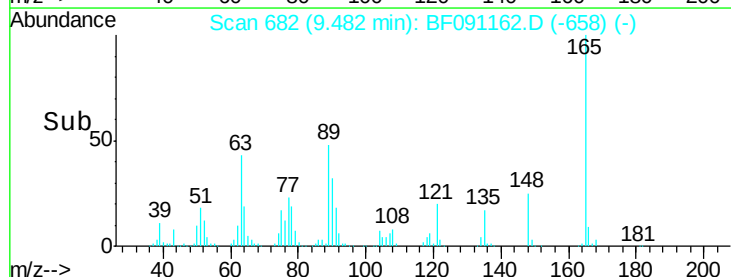
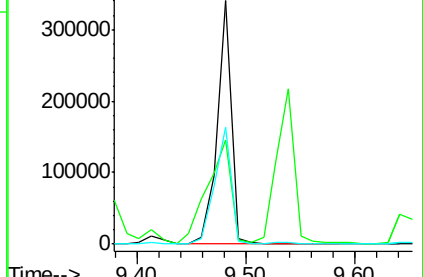
89 48.2 59.8 89.6#

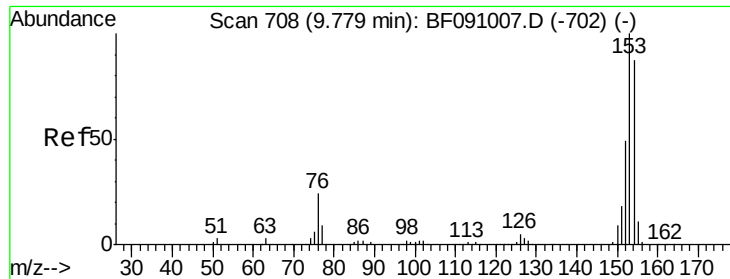


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.55 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

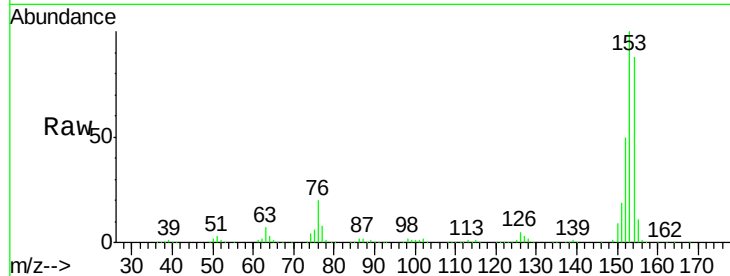
Tot Ion:154 Resp: 976922

Ion Ratio Lower Upper

154 100

153 114.0 91.6 137.4

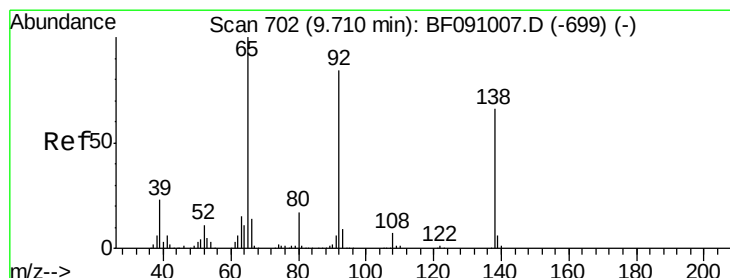
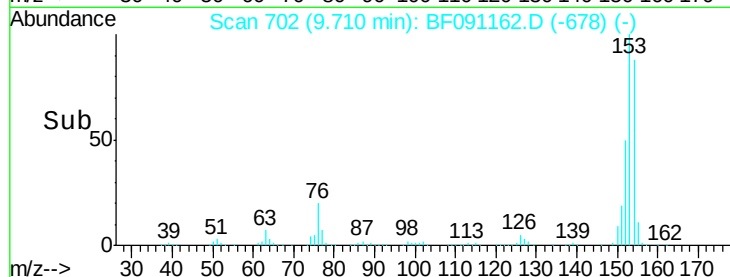
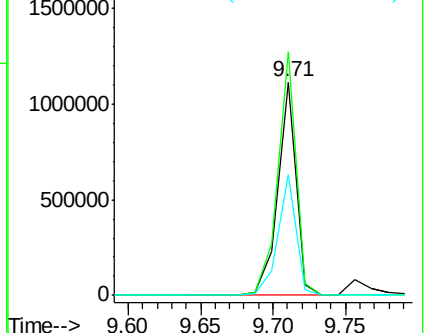
152 56.6 44.6 67.0



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: 43.46 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

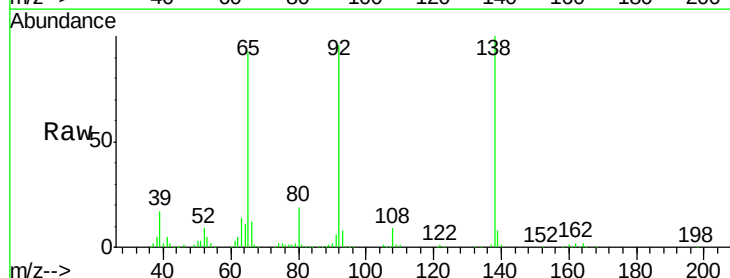
Tgt Ion:138 Resp: 338416

Ion Ratio Lower Upper

138 100

108 8.7 8.4 12.6

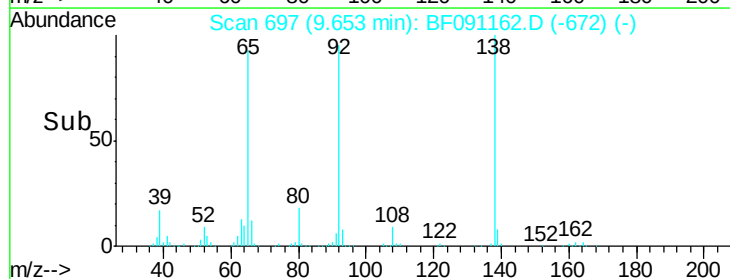
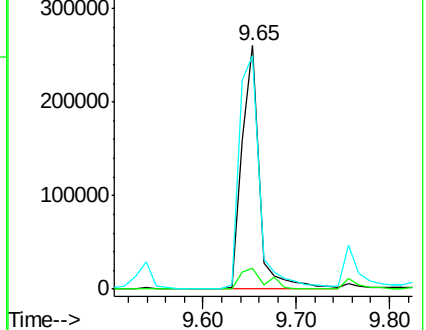
92 95.8 101.1 151.7#

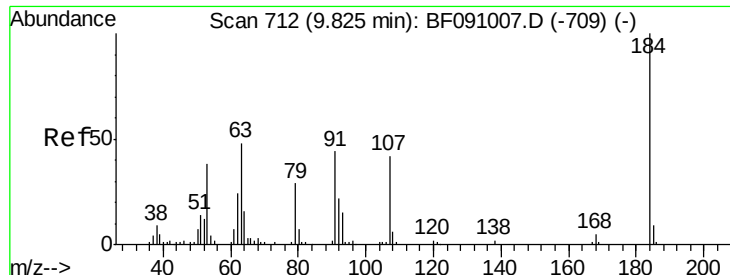


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

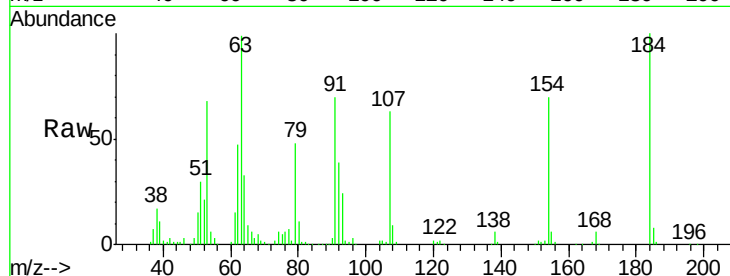




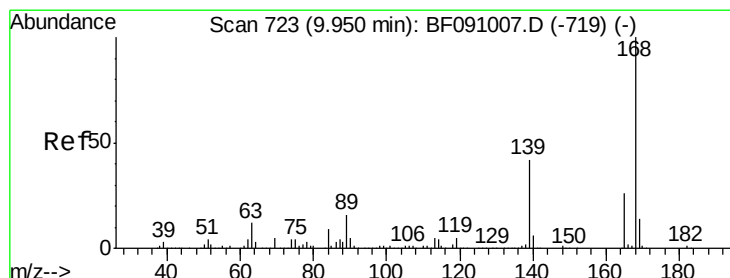
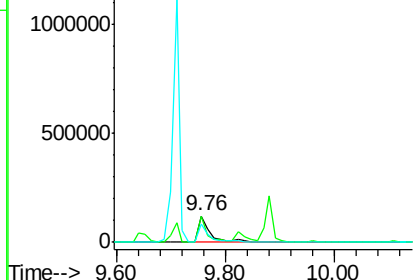
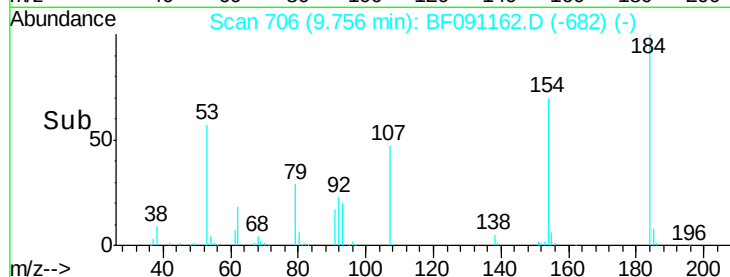
#53
2,4-Dinitrophenol
Concen: 54.72 ng
RT: 9.76 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 188057
Ion Ratio Lower Upper
184 100
63 99.5 45.5 68.3#
154 69.7 51.0 76.4

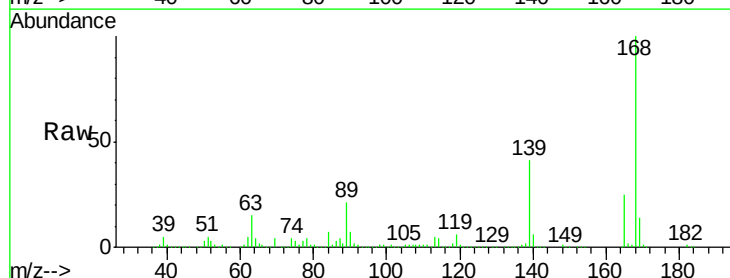


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

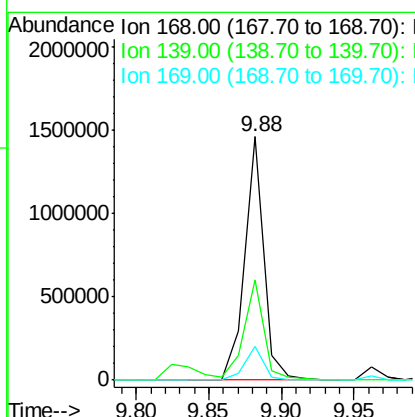
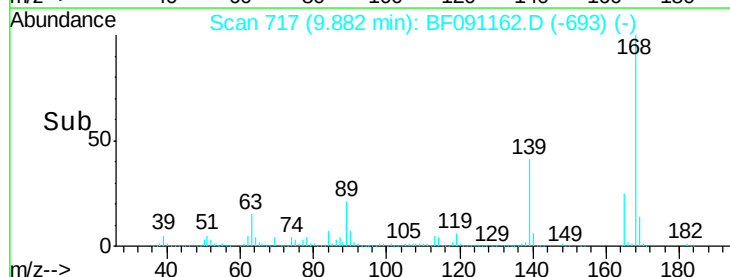


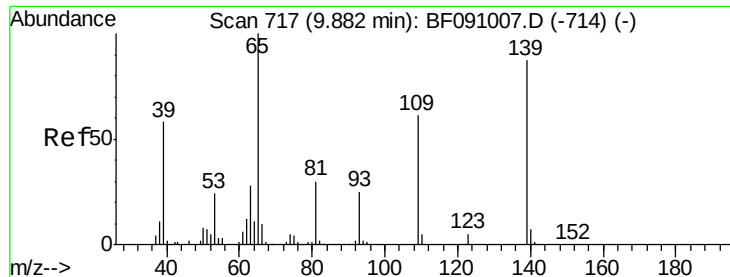
#54
Dibenzofuran
Concen: 38.96 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Tgt Ion:168 Resp: 1329026
Ion Ratio Lower Upper
168 100
139 41.1 34.8 52.2
169 13.8 11.4 17.2



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: 33.79 ng

RT: 9.82 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

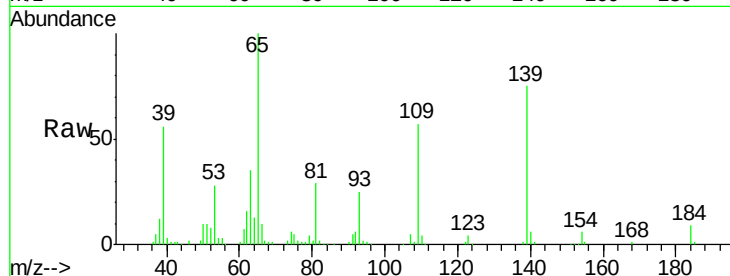
Tot Ion:139 Resp: 156741

Ion Ratio Lower Upper

139 100

109 76.1 50.5 90.5

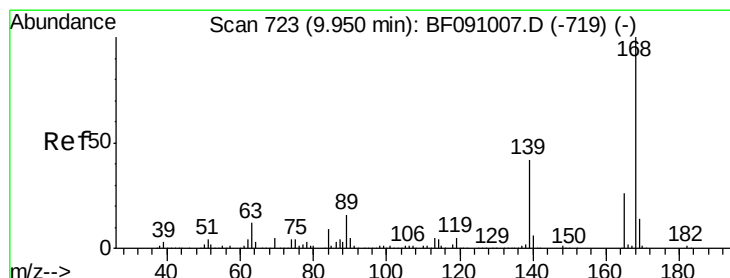
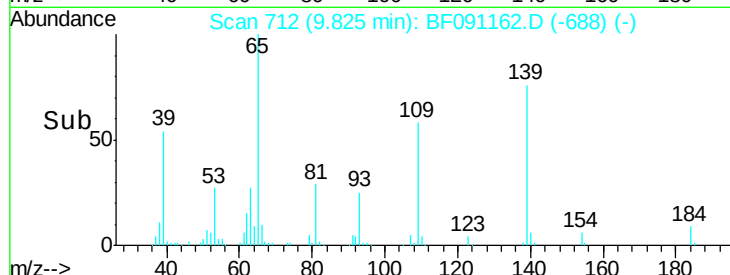
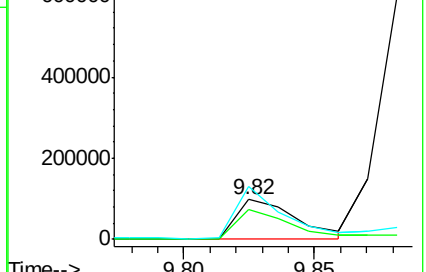
65 133.4 97.1 137.1



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



#56

2,4-Dinitrotoluene

Concen: 39.35 ng

RT: 9.88 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Tgt Ion:165 Resp: 328777

Ion Ratio Lower Upper

165 100

63 58.3 38.7 58.1#

89 81.4 50.6 76.0#

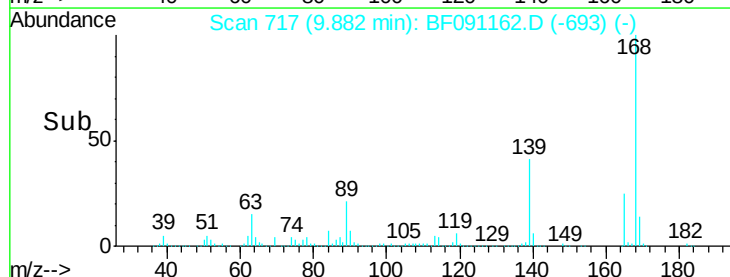
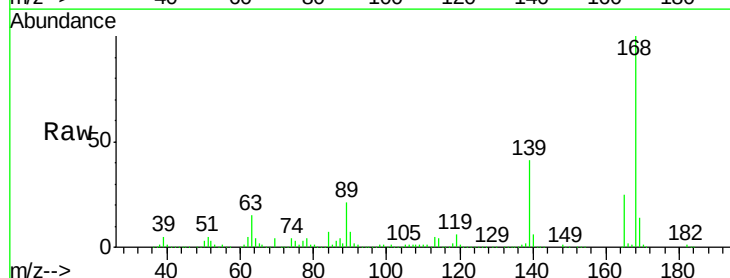
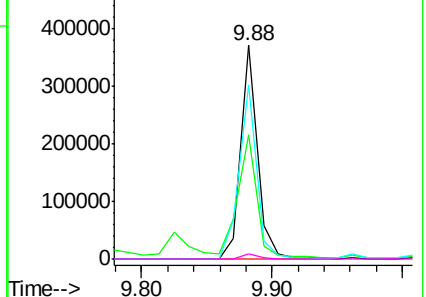
182 2.1 1.8 2.8

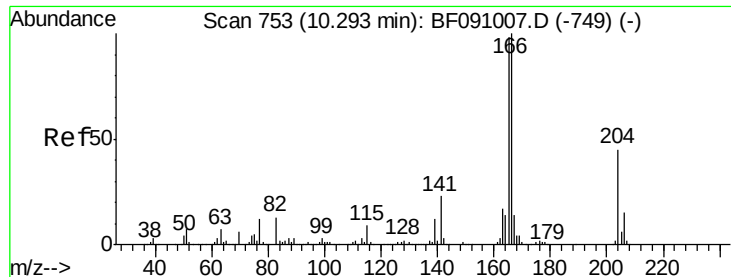
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.29 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

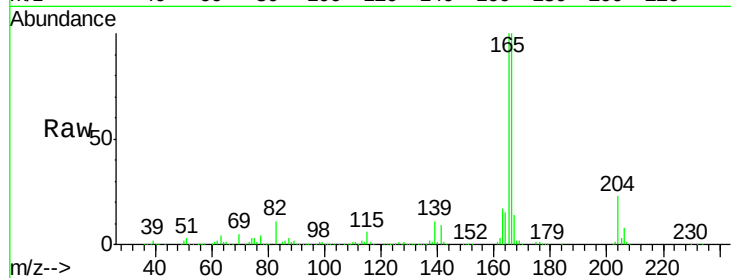
Tot Ion:166 Resp: 1179364

Ion Ratio Lower Upper

166 100

165 99.8 78.6 118.0

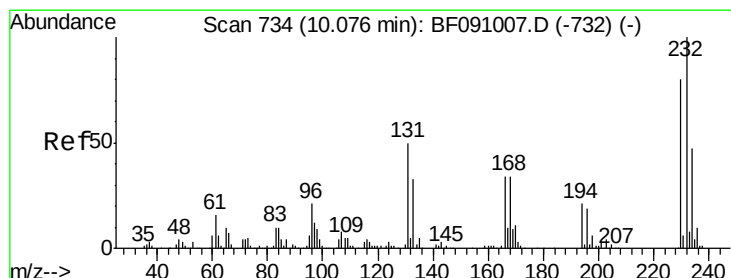
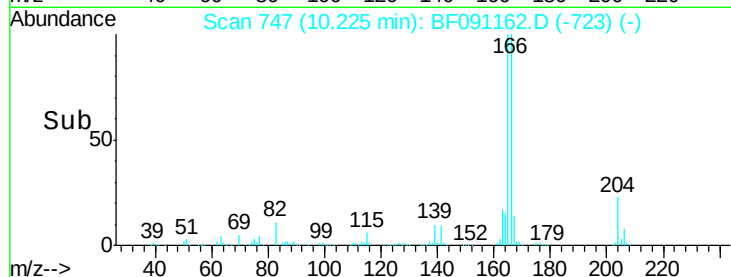
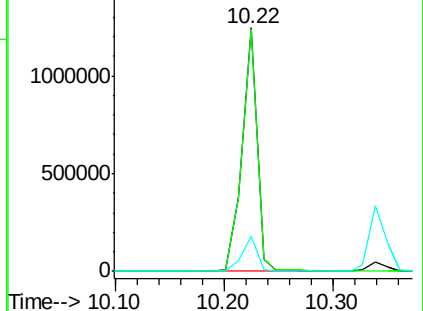
167 14.1 11.1 16.7



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: 45.24 ng

RT: 10.01 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Tgt Ion:232 Resp: 286154

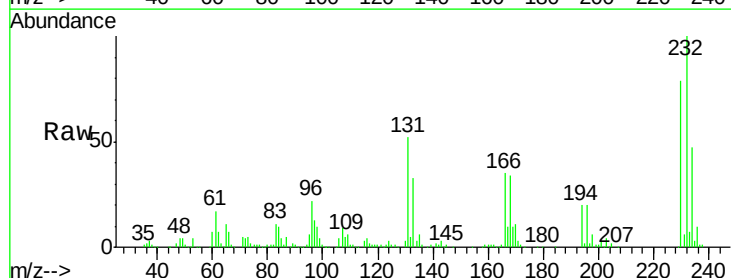
Ion Ratio Lower Upper

232 100

131 52.4 43.6 65.4

130 2.4 2.0 3.0

166 32.8 27.4 41.2

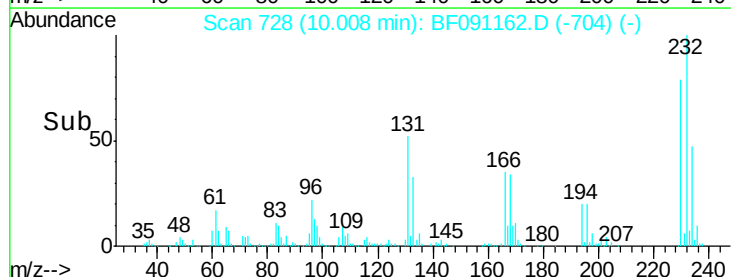
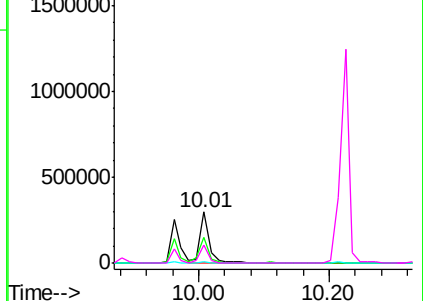


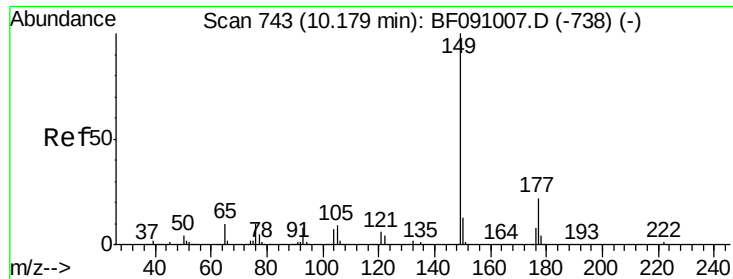
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

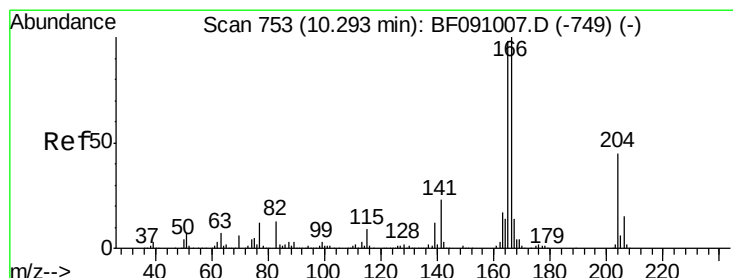
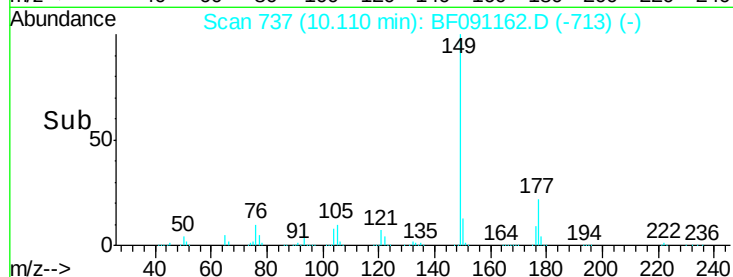
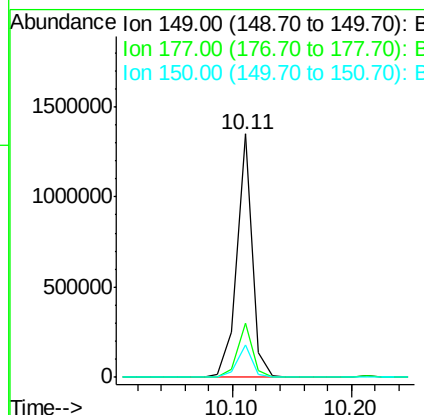
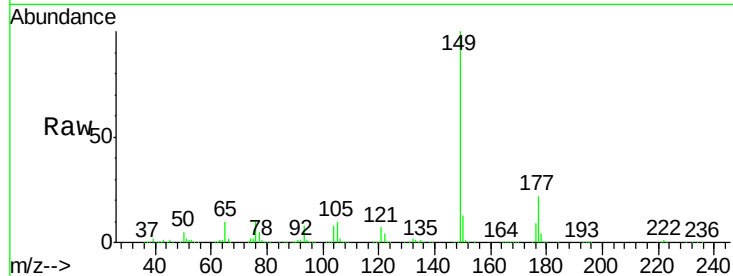




#59
Diethylphthalate
Concen: 38.58 ng
RT: 10.11 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

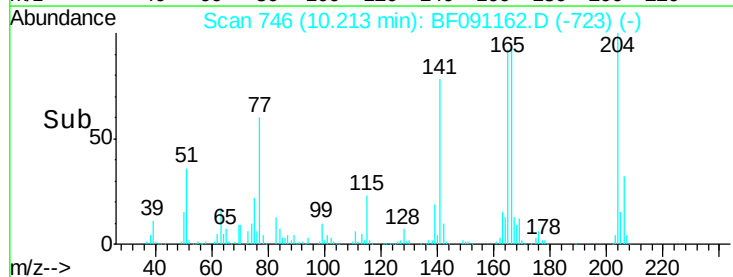
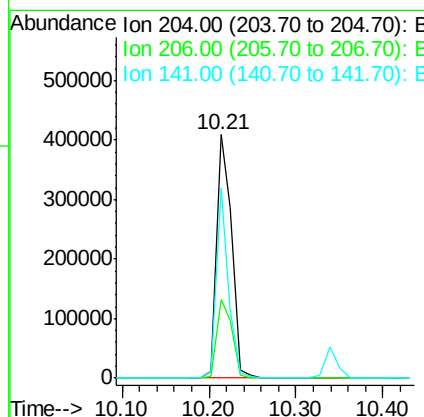
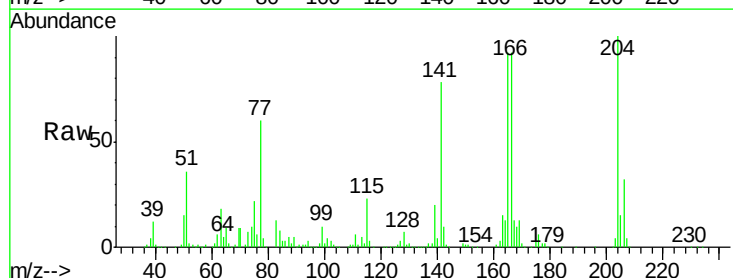
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

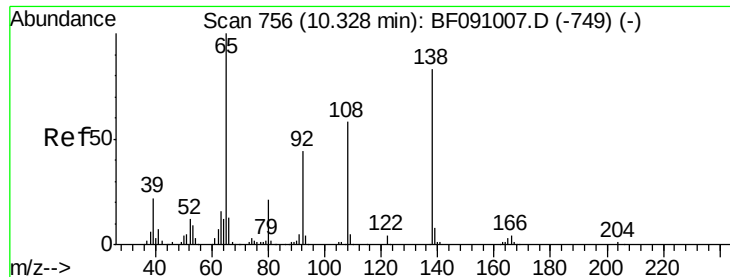
Tot Ion:149 Resp: 1211875
Ion Ratio Lower Upper
149 100
177 22.1 17.3 25.9
150 13.1 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 39.54 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Tgt Ion:204 Resp: 501782
Ion Ratio Lower Upper
204 100
206 32.4 27.1 40.7
141 77.9 40.1 60.1#





#61

4-Nitroaniline

Concen: 42.45 ng

RT: 10.27 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

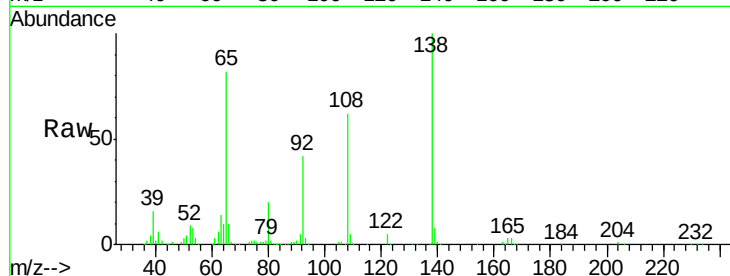
Tot Ion:138 Resp: 334425

Ion Ratio Lower Upper

138 100

92 42.1 32.5 72.5

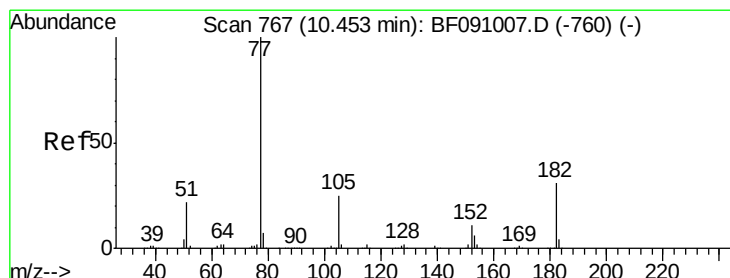
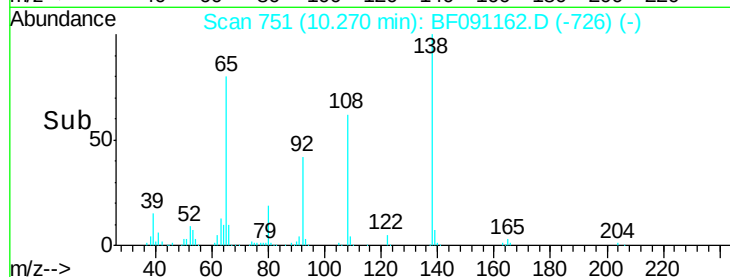
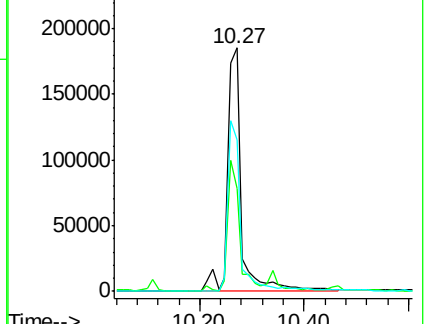
108 62.1 49.4 89.4



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: 35.26 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Tgt Ion: 77 Resp: 1303987

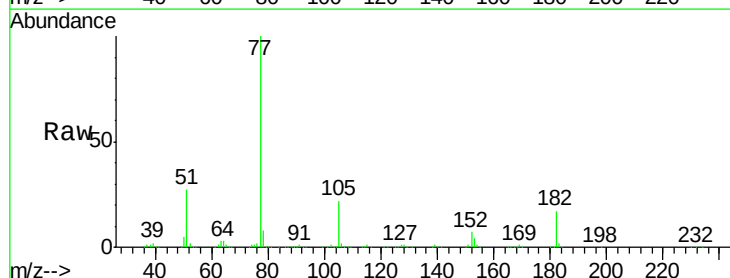
Ion Ratio Lower Upper

77 100

182 16.6 11.0 51.0

105 22.3 5.6 45.6

51 26.8 2.7 42.7

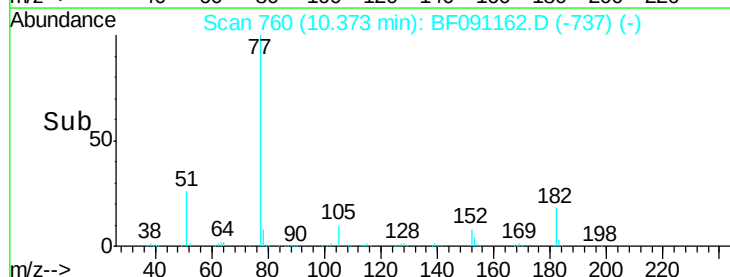
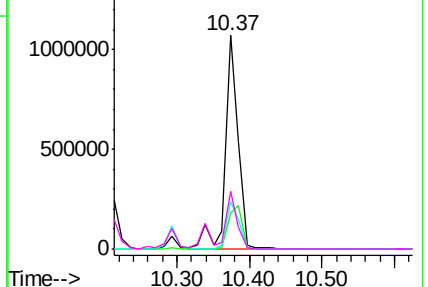


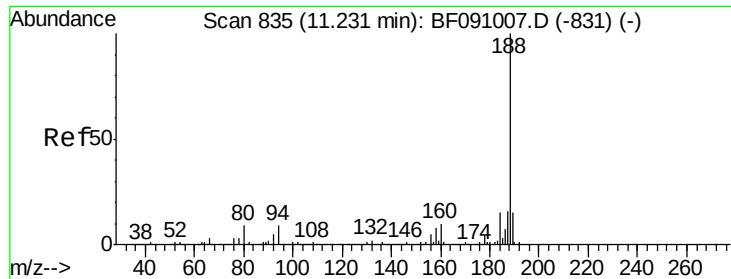
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

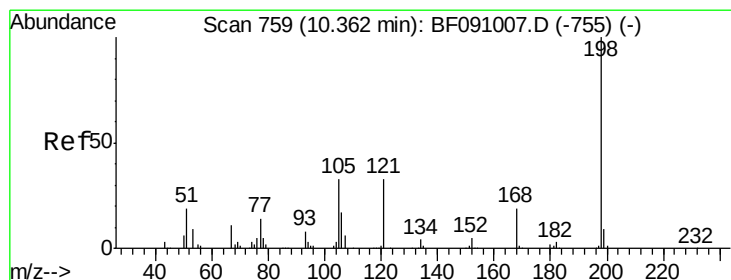
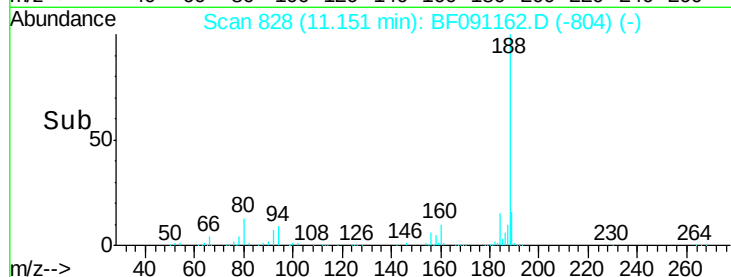
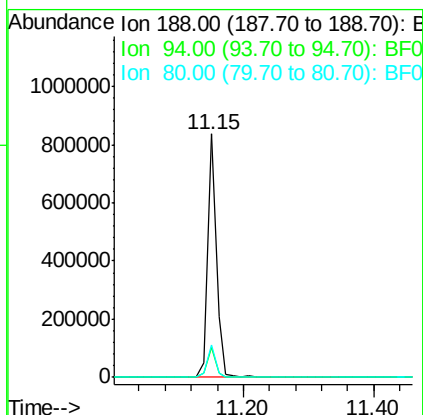
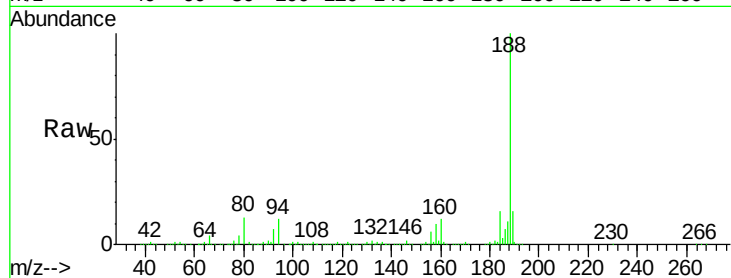




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

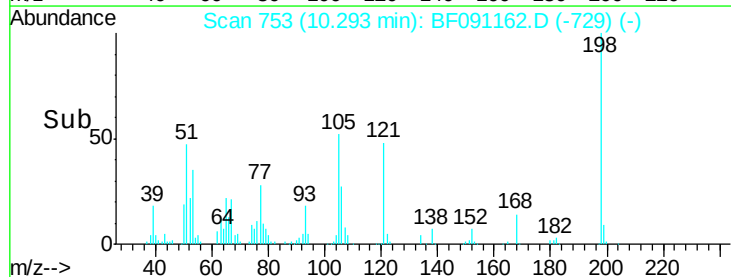
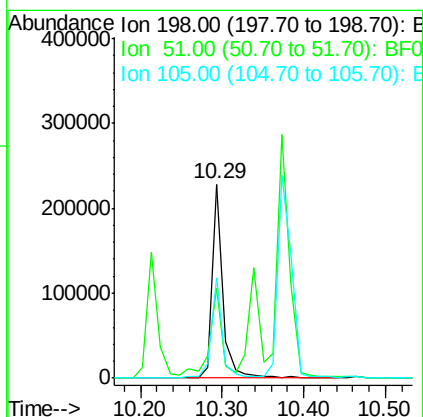
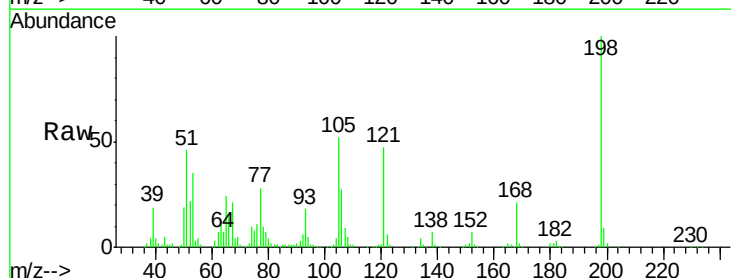
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

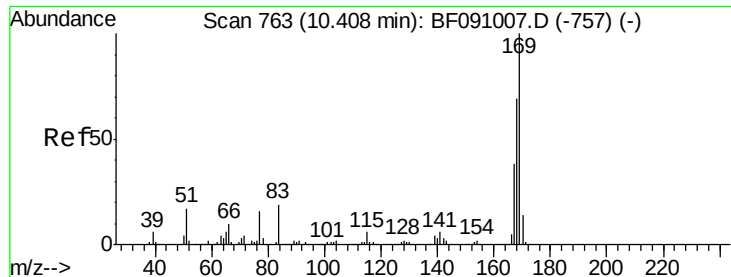
Tot Ion:188 Resp: 776697
Ion Ratio Lower Upper
188 100
94 12.0 7.0 10.4#
80 13.3 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 44.81 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Tgt Ion:198 Resp: 213120
Ion Ratio Lower Upper
198 100
51 46.2 5.9 45.9#
105 51.8 13.8 53.8

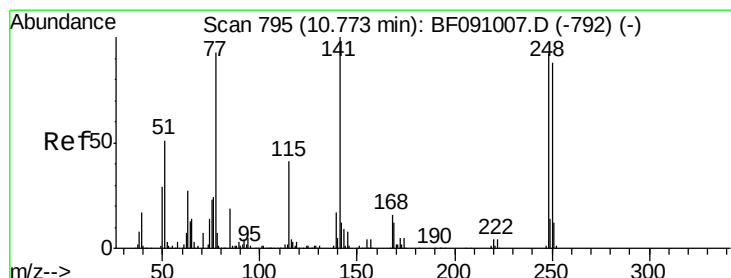
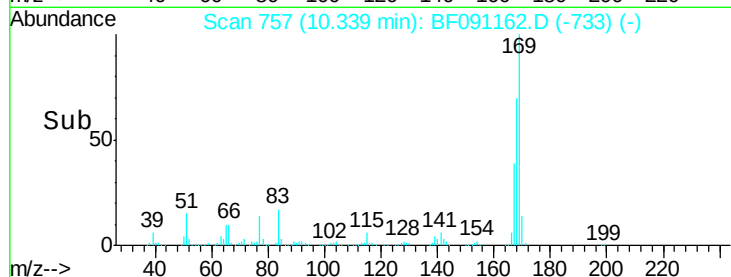
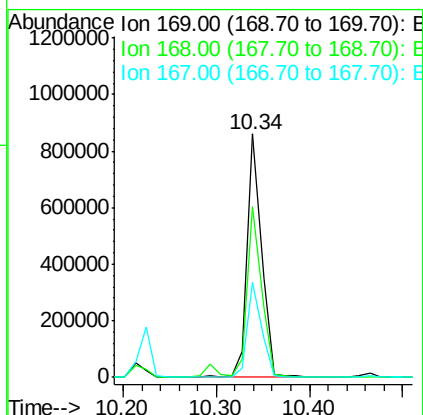
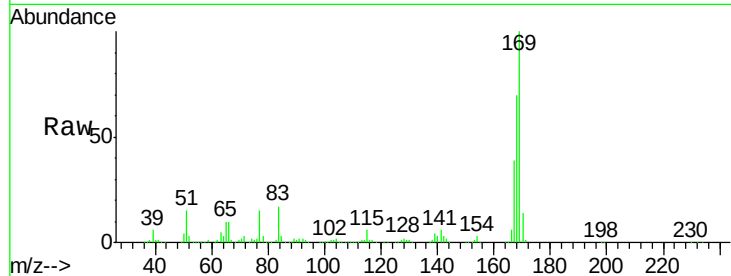




#65
n-Nitrosodiphenylamine
Concen: 37.26 ng
RT: 10.34 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

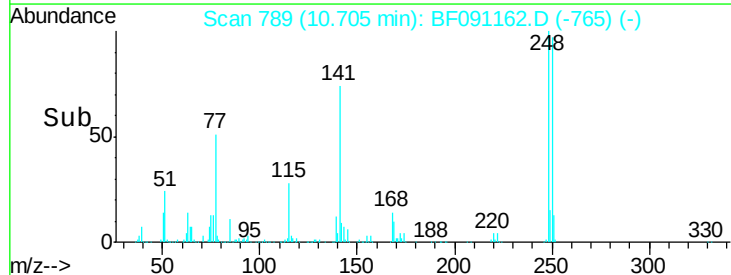
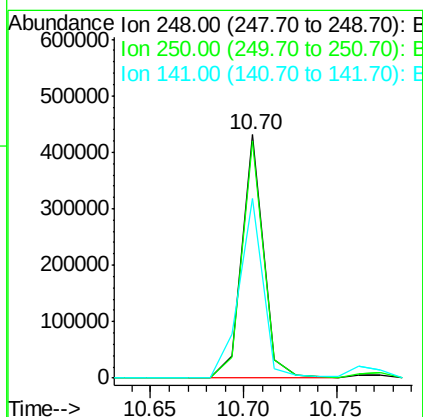
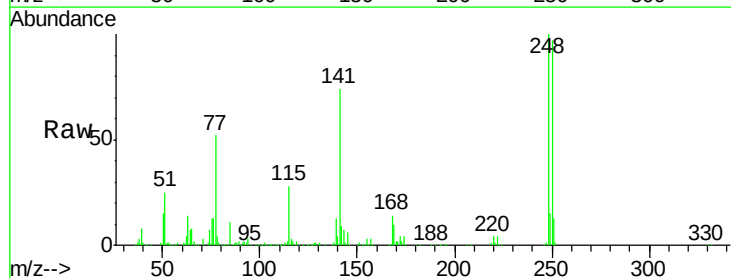
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

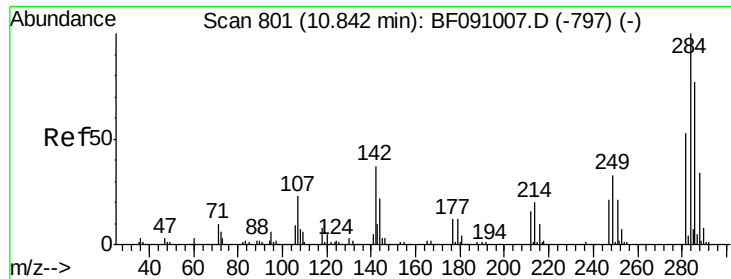
Tot Ion:169 Resp: 919793
Ion Ratio Lower Upper
169 100
168 69.9 55.3 82.9
167 39.0 30.3 45.5



#66
4-Bromophenyl-phenylether
Concen: 43.63 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Tgt Ion:248 Resp: 352459
Ion Ratio Lower Upper
248 100
250 97.2 76.3 114.5
141 73.8 86.8 130.2#

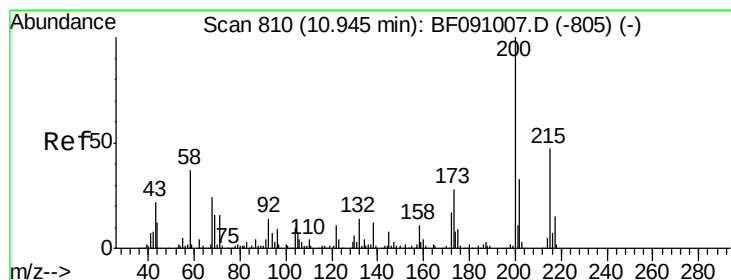
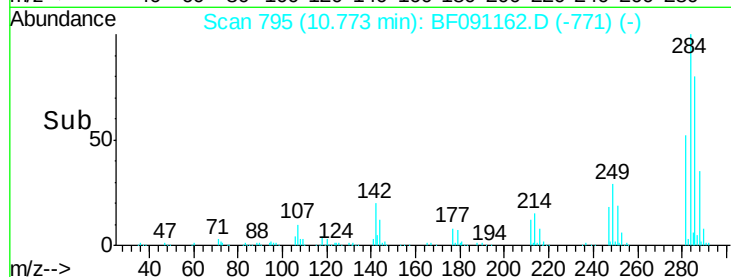
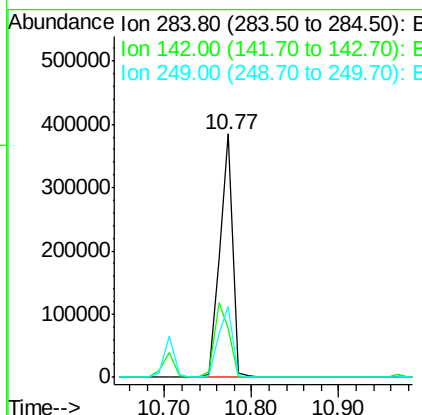
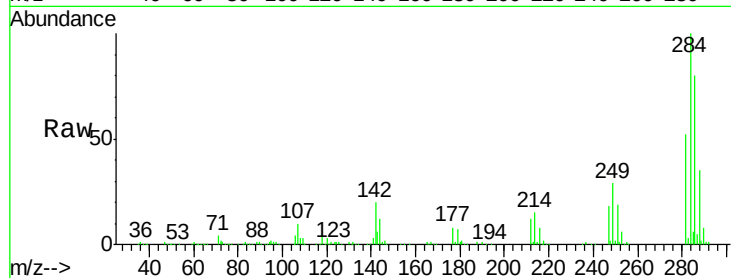




#67
Hexachlorobenzene
Concen: 45.53 ng
RT: 10.77 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

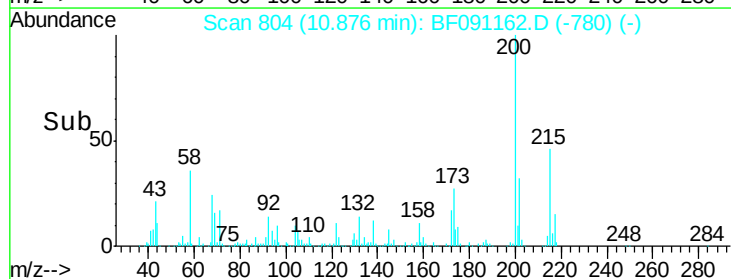
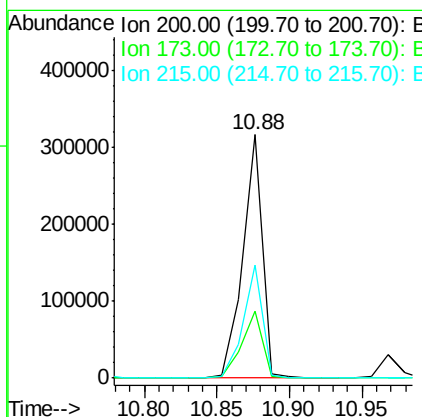
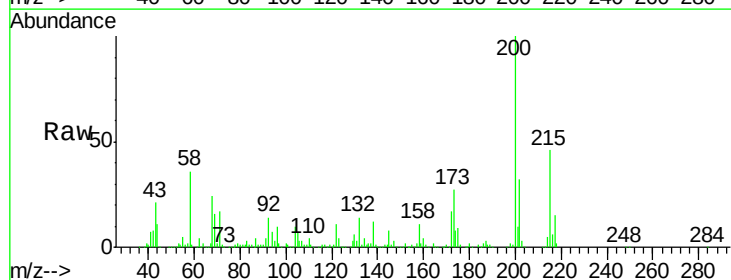
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

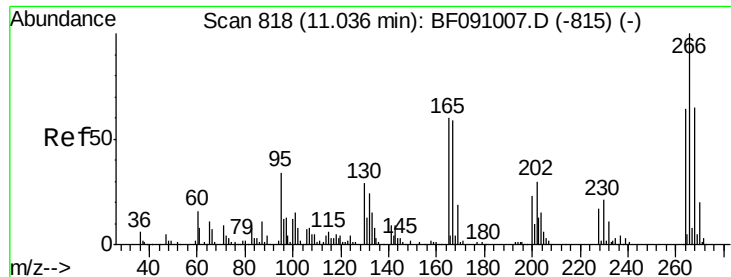
Tot Ion	Ratio	Lower	Upper
284	100		
142	20.0	29.9	44.9#
249	29.0	26.6	39.8



#68
Atrazine
Concen: 41.71 ng
RT: 10.88 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.3	8.1	48.1
215	46.2	27.3	67.3

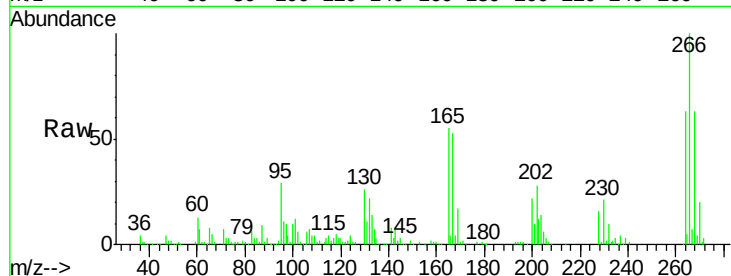




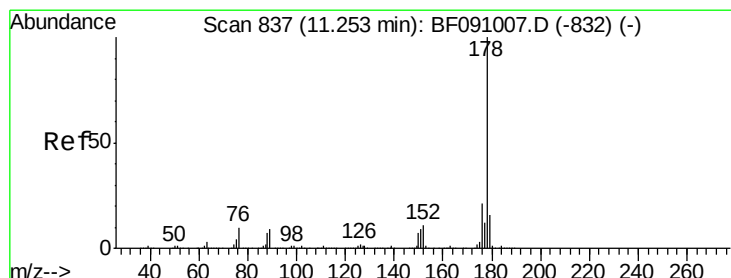
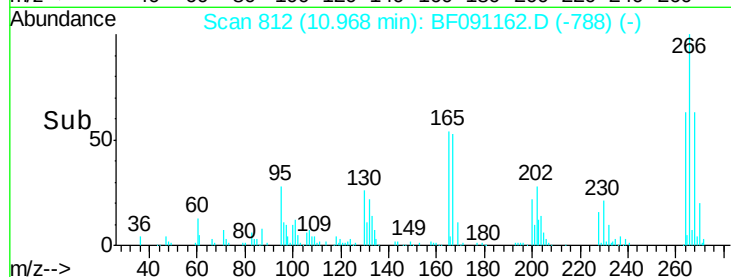
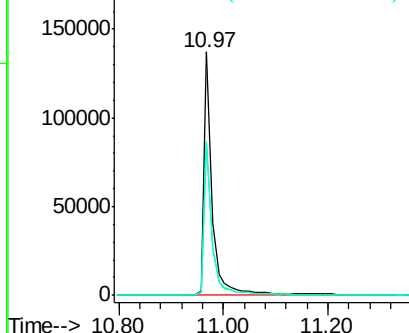
#69
 Pentachlorophenol
 Concen: 39.30 ng
 RT: 10.97 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 155100
 Ion Ratio Lower Upper
 266 100
 268 62.5 52.1 78.1
 264 63.5 51.1 76.7

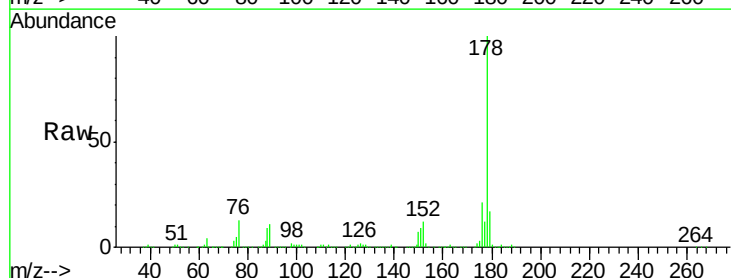


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

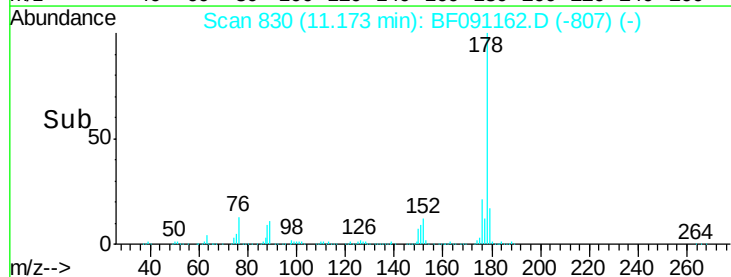
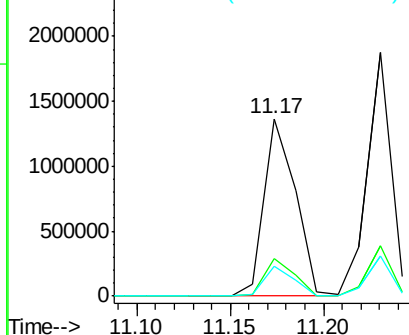


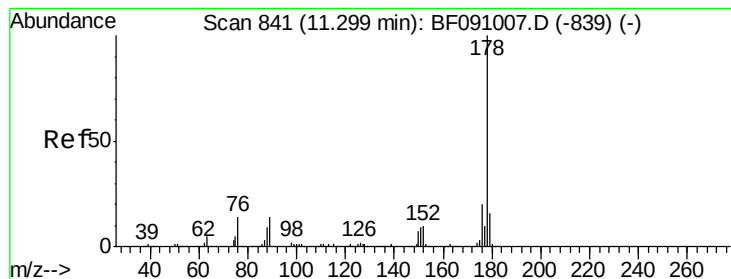
#70
 Phenanthrene
 Concen: 38.47 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Tgt Ion:178 Resp: 1588449
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.6 25.0
 179 16.7 12.9 19.3



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: 38.88 ng

RT: 11.23 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

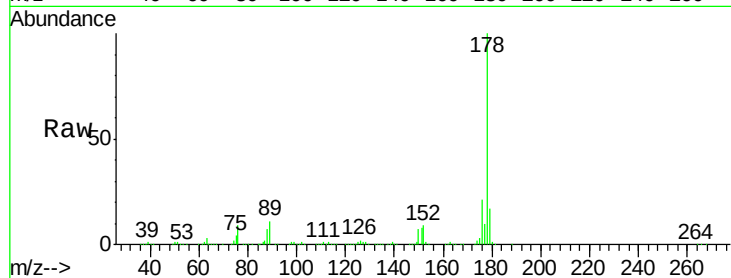
Tot Ion:178 Resp: 1706879

Ion Ratio Lower Upper

178 100

176 20.8 16.0 24.0

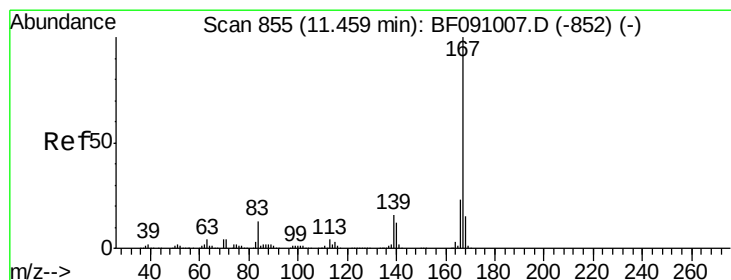
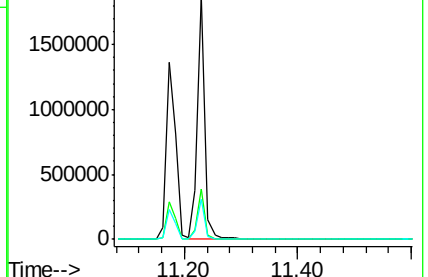
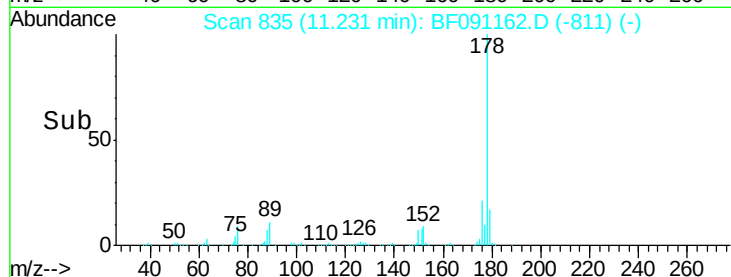
179 16.6 13.0 19.6



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: 38.45 ng

RT: 11.39 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

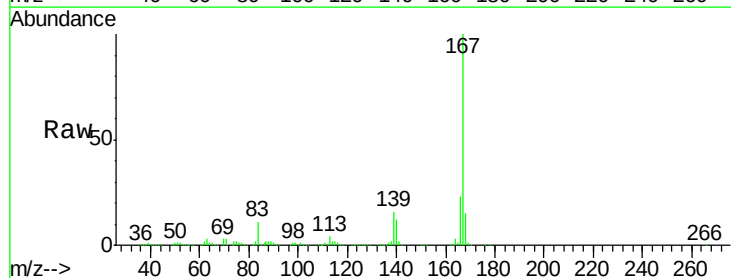
Tgt Ion:167 Resp: 1520850

Ion Ratio Lower Upper

167 100

166 23.0 18.0 27.0

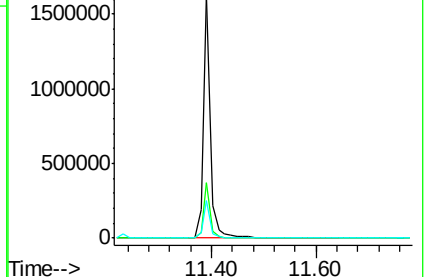
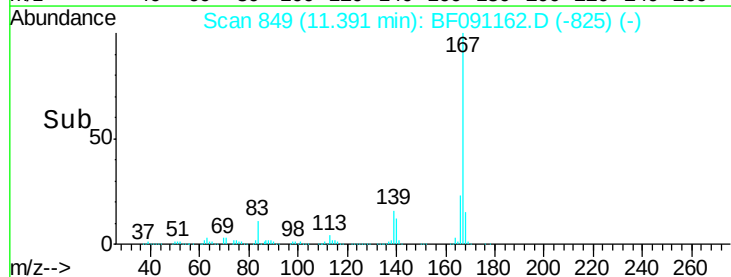
139 15.5 12.6 18.8

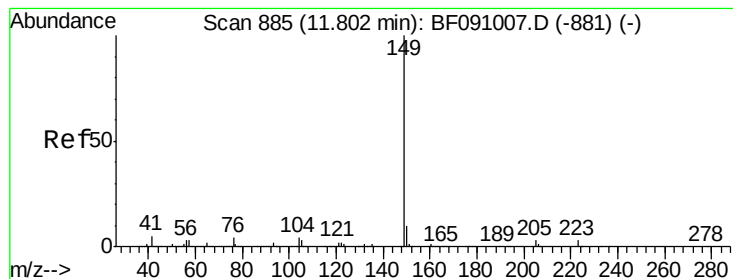


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.09 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

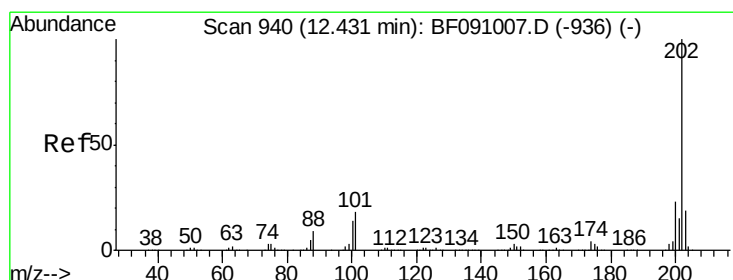
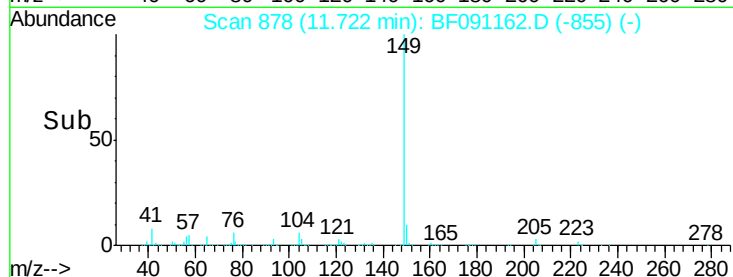
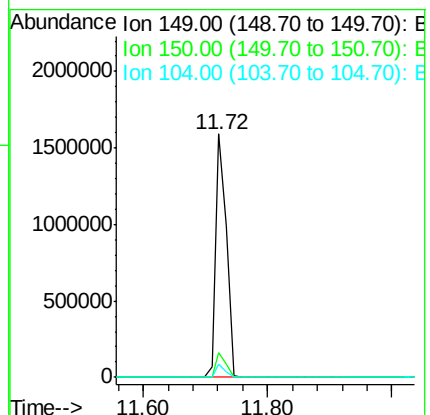
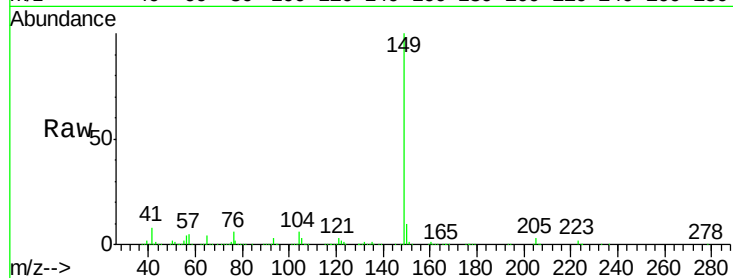
Tot Ion:149 Resp: 1845232

Ion Ratio Lower Upper

149 100

150 10.2 7.7 11.5

104 5.7 3.6 5.4#



#74

Fluoranthene

Concen: 41.64 ng

RT: 12.36 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

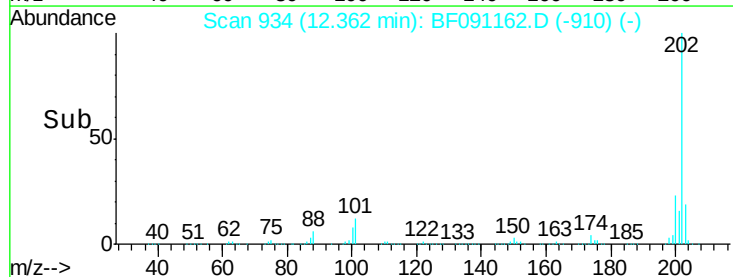
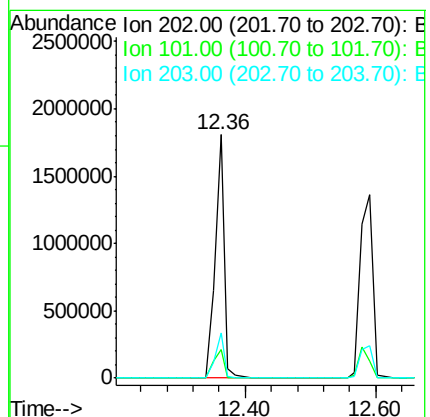
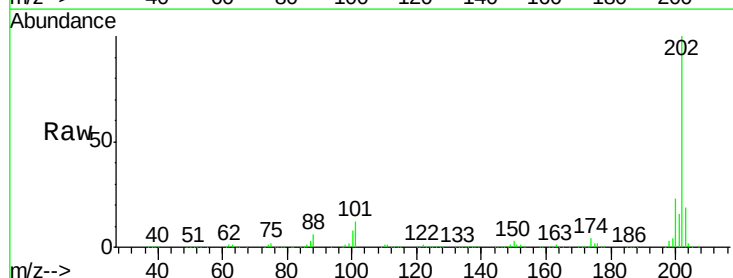
Tgt Ion:202 Resp: 1782901

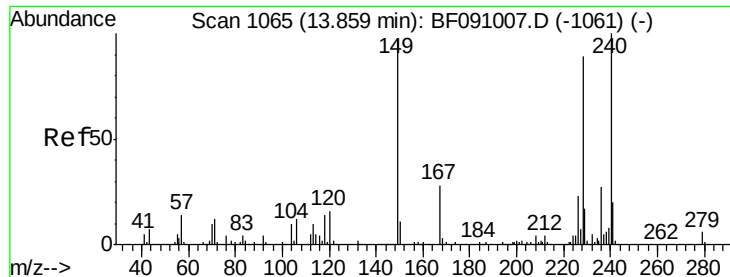
Ion Ratio Lower Upper

202 100

101 11.5 0.0 37.6

203 18.5 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

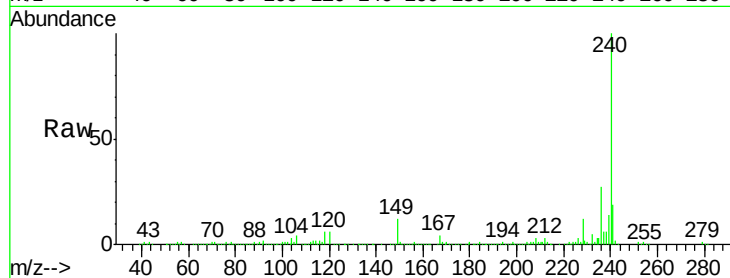
Tot Ion:240 Resp: 598376

Ion Ratio Lower Upper

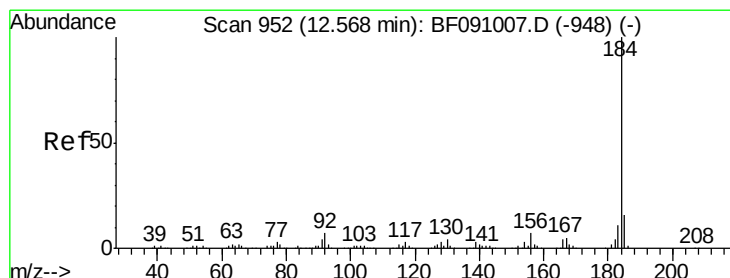
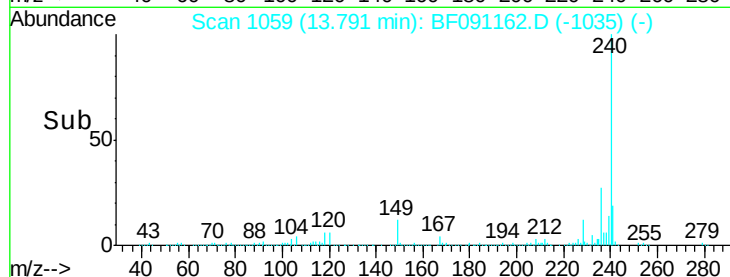
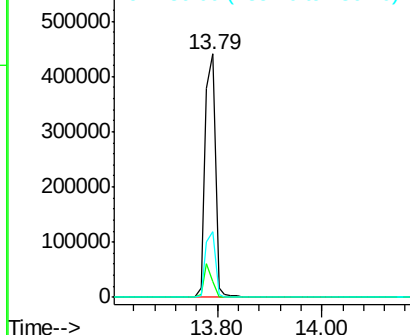
240 100

120 6.4 12.9 19.3#

236 27.0 21.9 32.9



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: 46.25 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

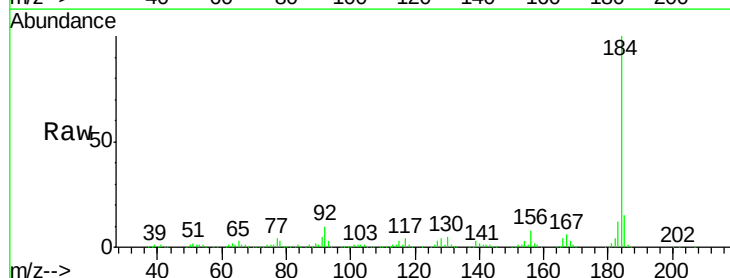
Tgt Ion:184 Resp: 618271

Ion Ratio Lower Upper

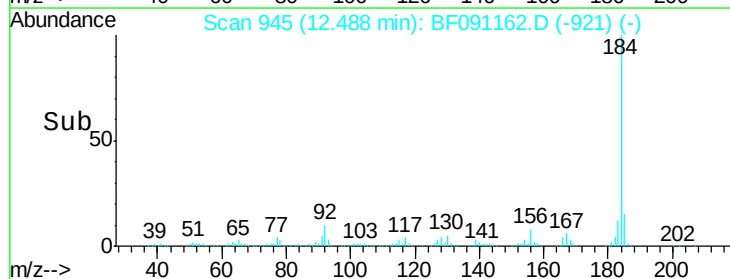
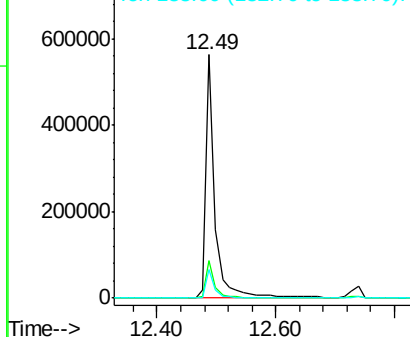
184 100

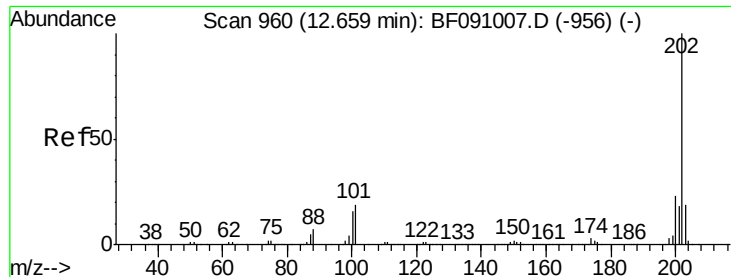
185 15.3 13.0 19.4

183 11.5 8.7 13.1



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

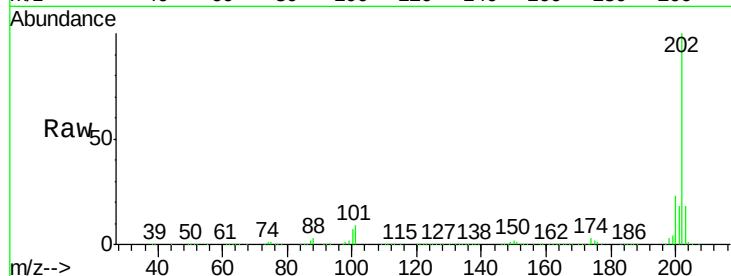




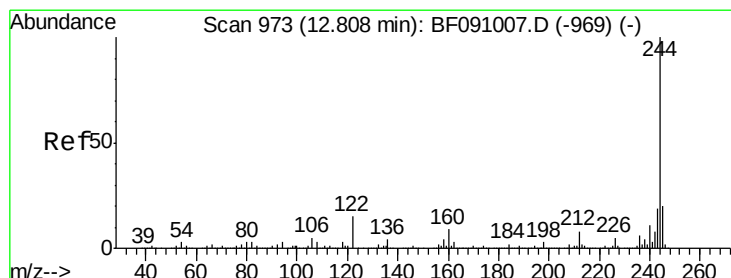
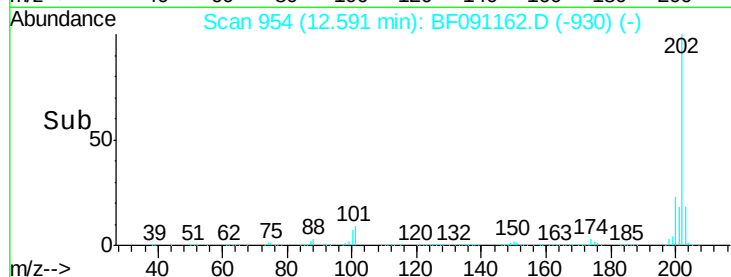
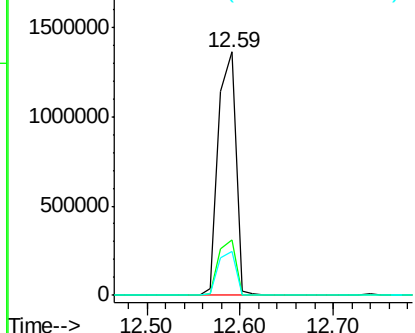
#77
Pvrene
Concen: 45.34 ng
RT: 12.59 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1776598
Ion Ratio Lower Upper
202 100
200 22.7 18.4 27.6
203 17.9 15.0 22.6

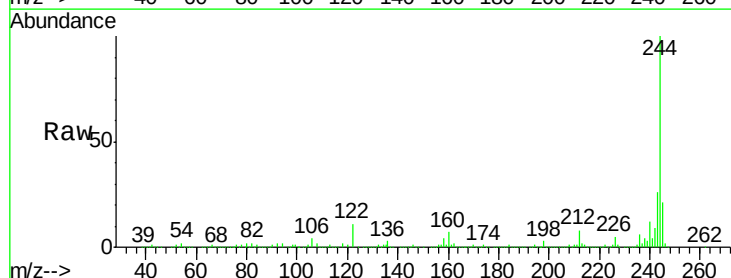


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

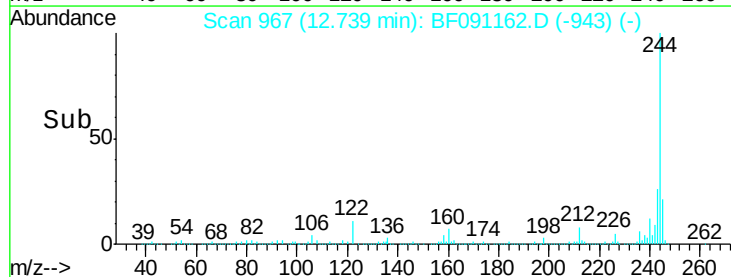
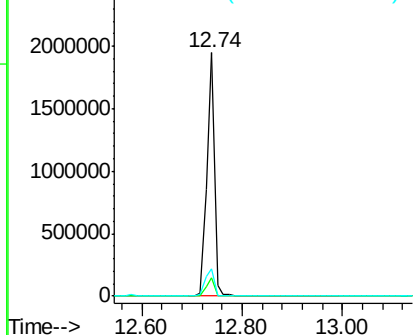


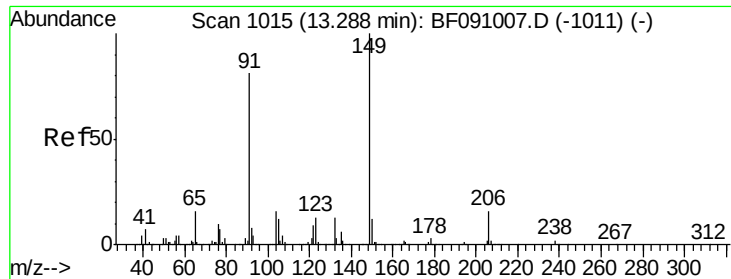
#78
Terphenyl-d14
Concen: 84.99 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Tgt Ion:244 Resp: 2037911
Ion Ratio Lower Upper
244 100
212 7.7 6.4 9.6
122 11.0 12.3 18.5#



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

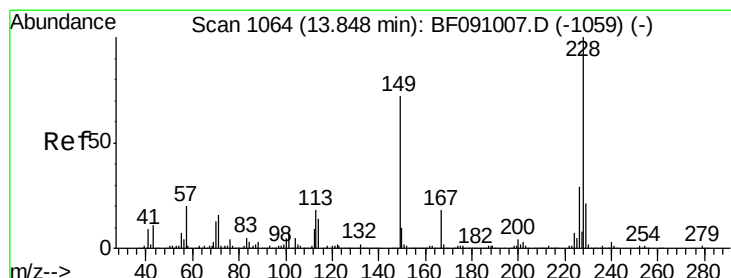
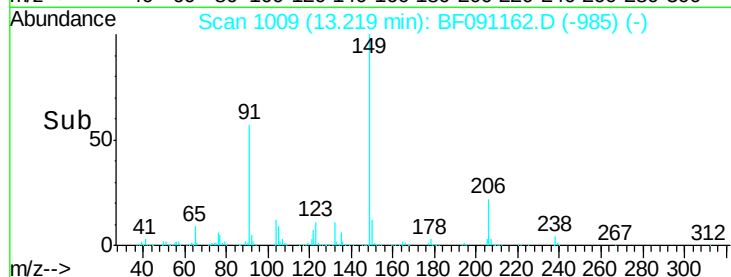
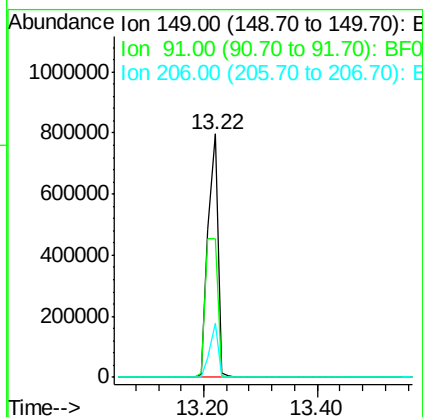
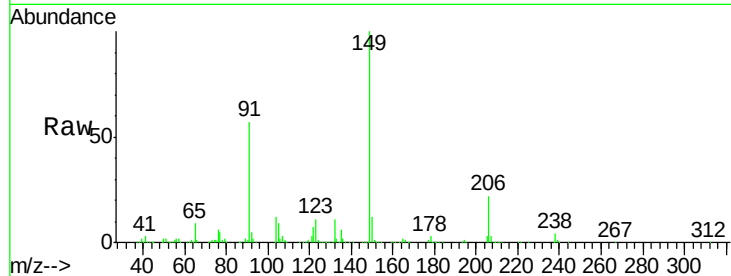




#79
Butylbenzylphthalate
Concen: 48.31 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

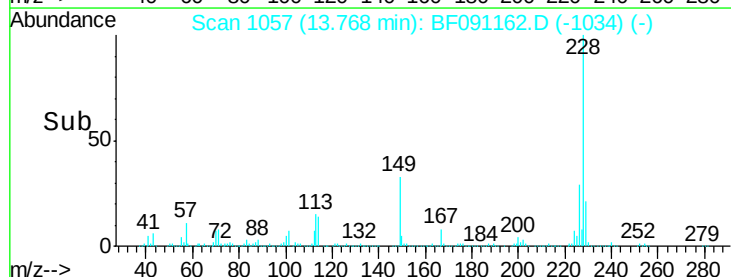
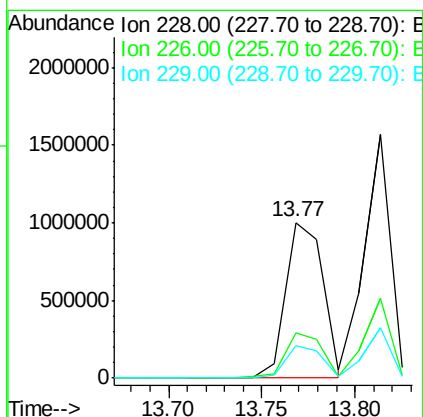
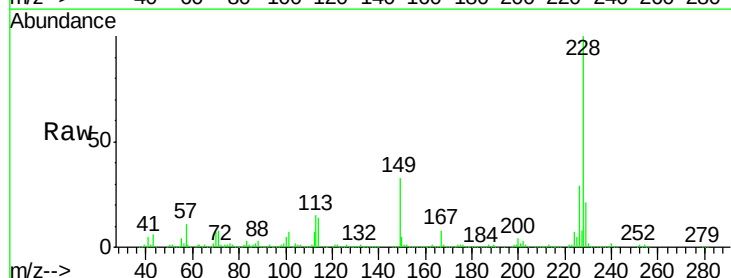
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

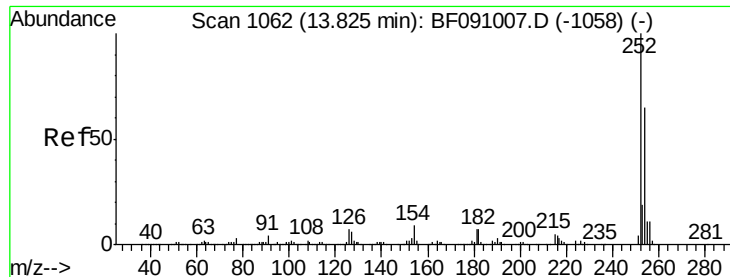
Tot Ion:149 Resp: 905645
Ion Ratio Lower Upper
149 100
91 56.8 65.0 97.4#
206 22.4 12.5 18.7#



#80
Benzo(a)anthracene
Concen: 41.23 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Tgt Ion:228 Resp: 1400879
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.6
229 21.1 16.6 24.8





#81

3,3'-Dichlorobenzidine

Concen: 48.56 ng

RT: 13.75 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

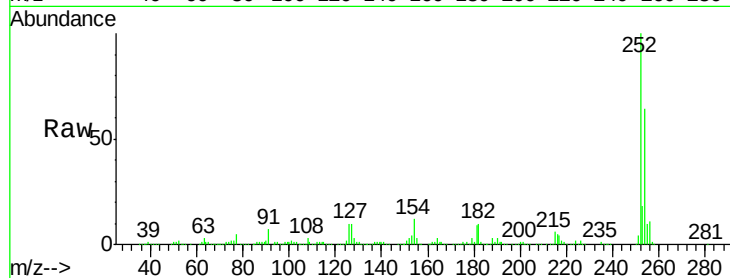
Tot Ion:252 Resp: 579651

Ion Ratio Lower Upper

252 100

254 64.3 52.0 78.0

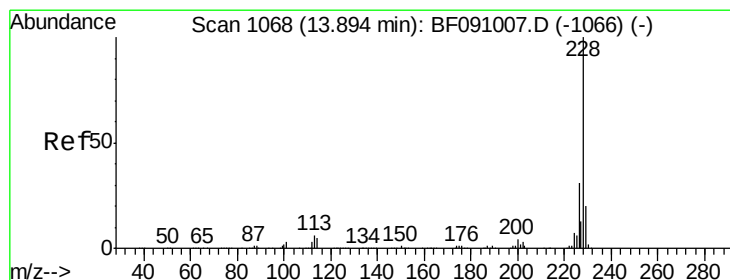
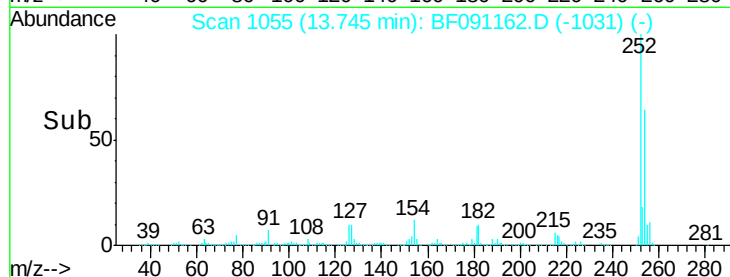
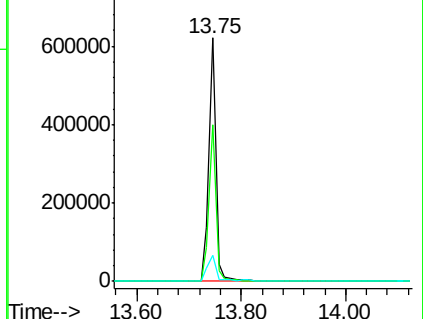
126 10.5 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 45.97 ng

RT: 13.81 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

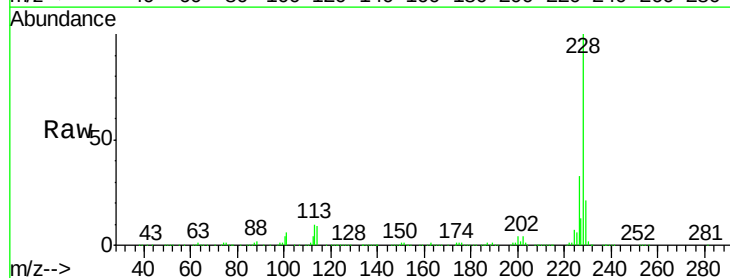
Tgt Ion:228 Resp: 1540081

Ion Ratio Lower Upper

228 100

226 32.7 24.9 37.3

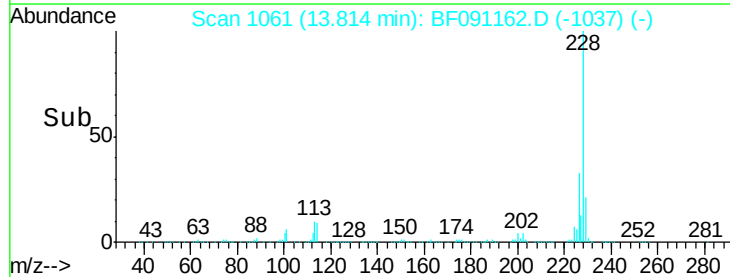
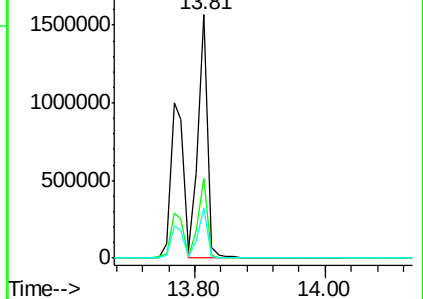
229 20.7 15.9 23.9

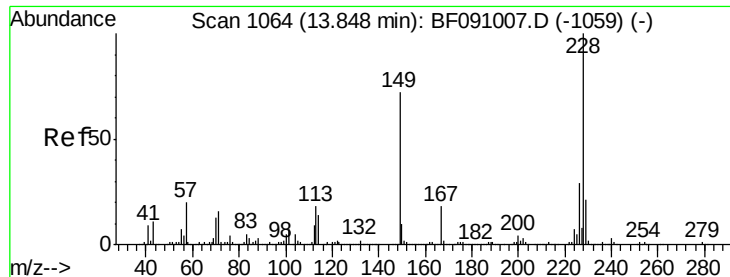


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

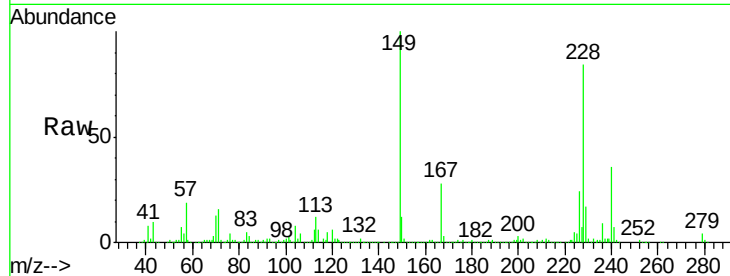




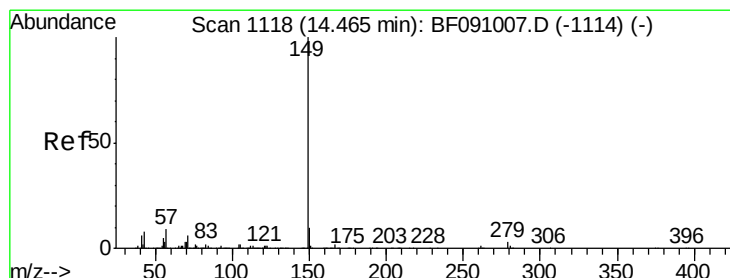
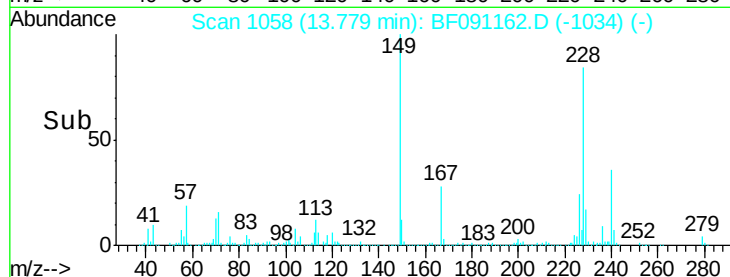
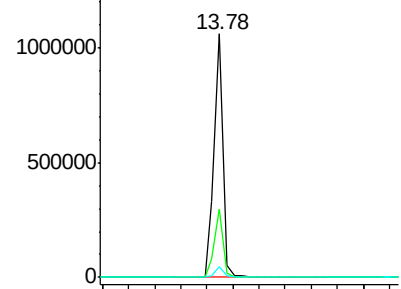
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.86 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 1011144
 Ion Ratio Lower Upper
 149 100
 167 28.3 20.4 30.6
 279 4.3 1.6 2.4#

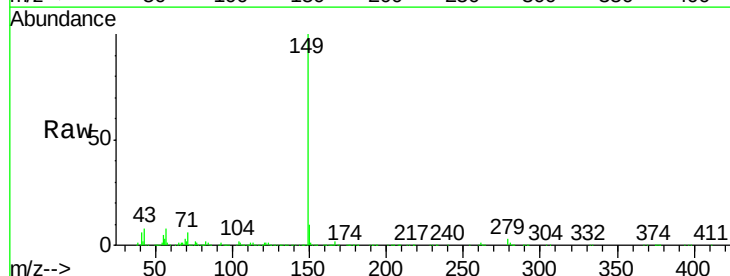


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

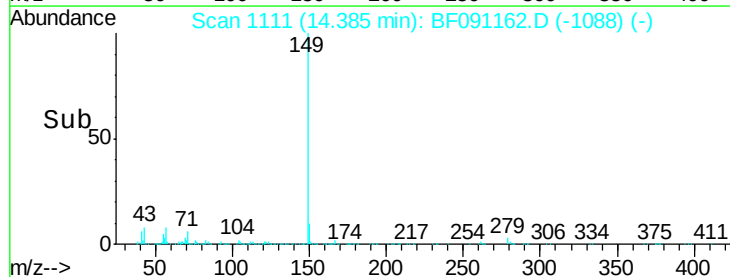
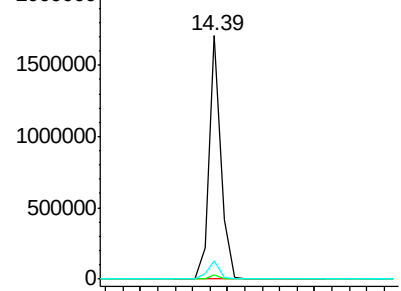


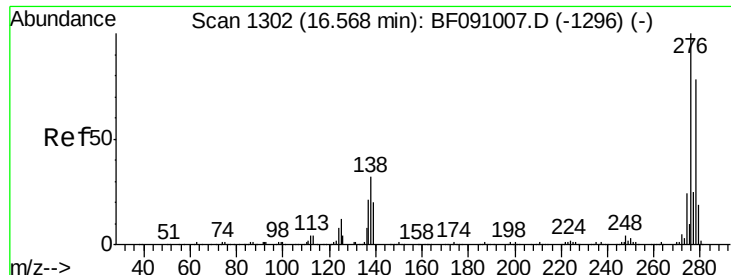
#84
 Di-n-octyl phthalate
 Concen: 39.09 ng
 RT: 14.39 min Scan# 1111
 Delta R.T. -0.03 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Tgt Ion:149 Resp: 1630235
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.1 8.2 12.4#



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

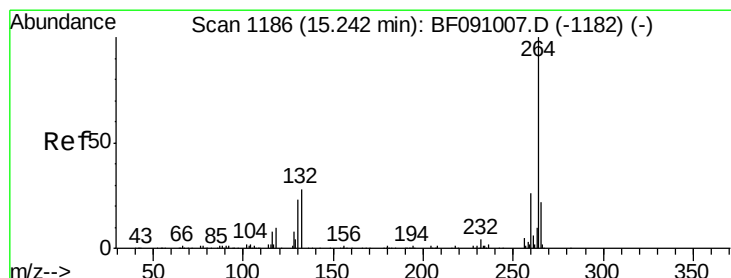
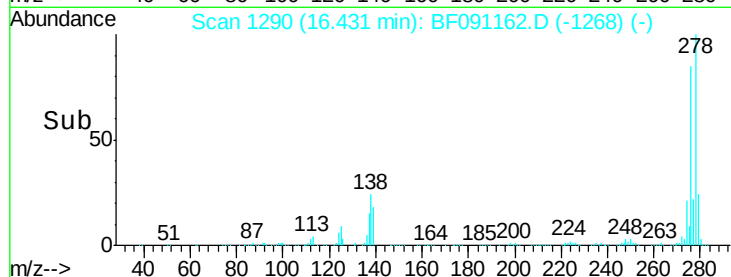
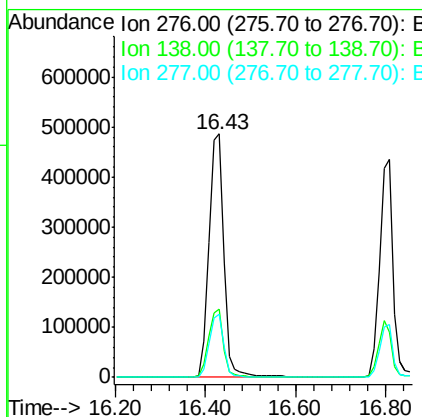
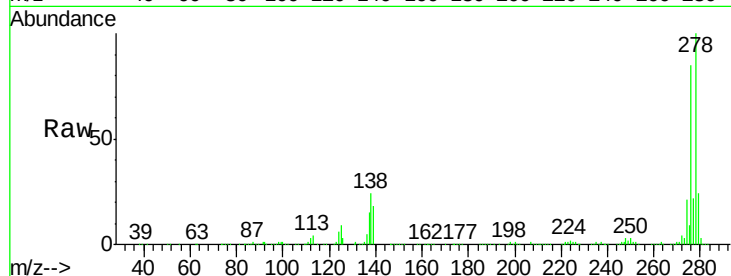




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.65 ng
 RT: 16.43 min Scan# 1290
 Delta R.T. -0.05 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

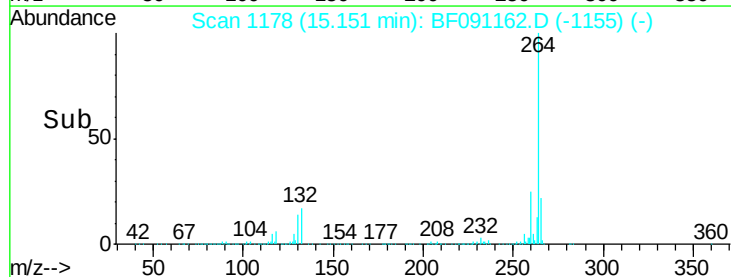
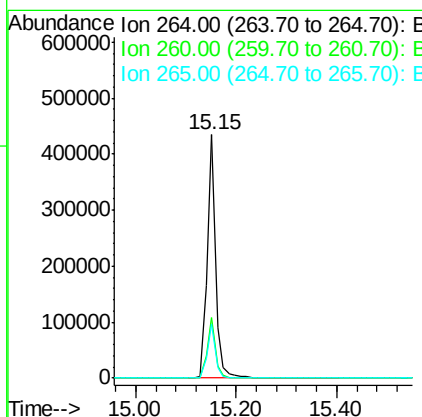
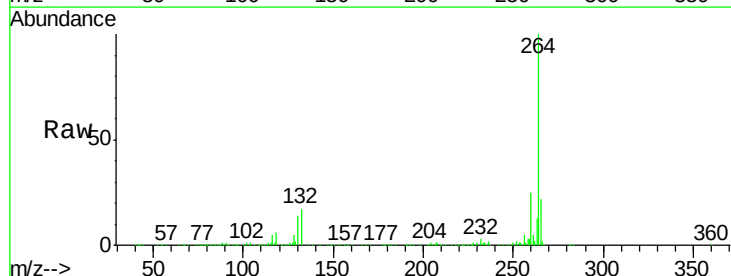
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

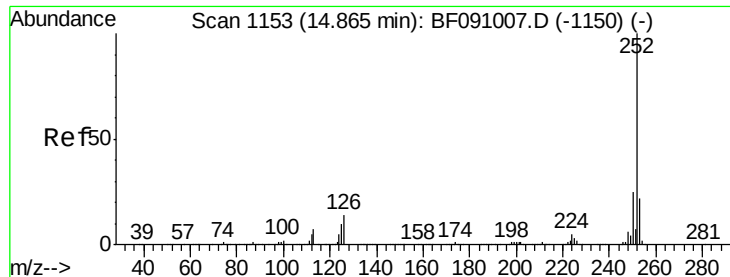
Tot Ion:276 Resp: 1130022
 Ion Ratio Lower Upper
 276 100
 138 27.9 26.0 39.0
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091162.D
 Acq: 14 Nov 2016 14:12

Tgt Ion:264 Resp: 507062
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.6 30.8
 265 22.2 17.8 26.8

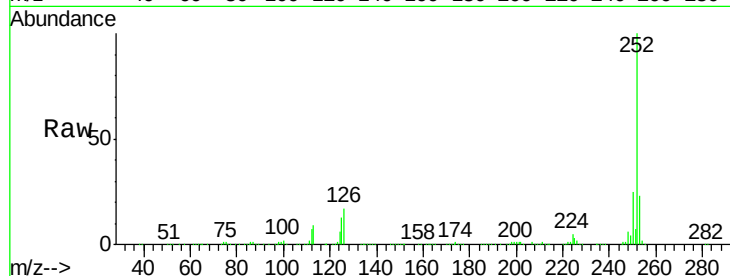




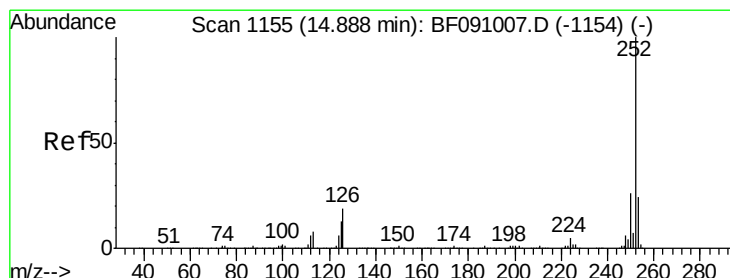
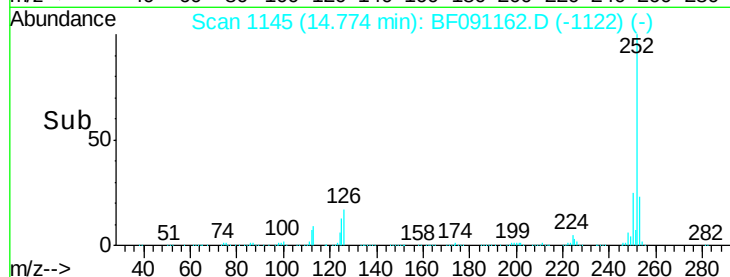
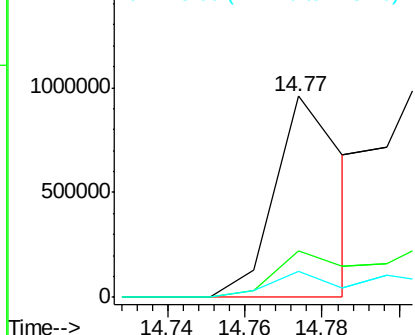
#87
Benzo(b)fluoranthene
Concen: 35.30 ng m
RT: 14.77 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1214014
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 12.9 8.3 12.5#

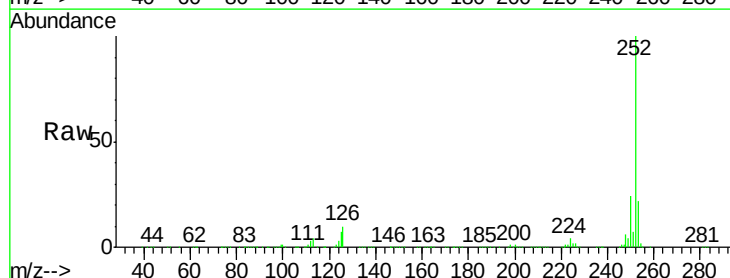


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

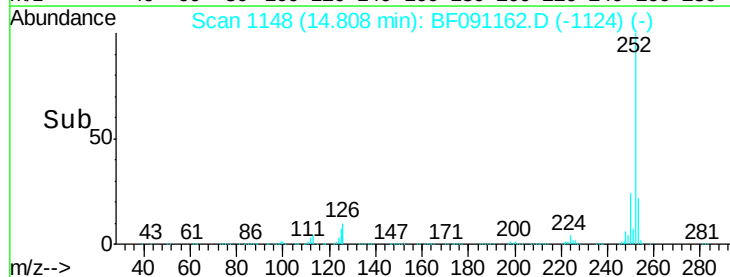
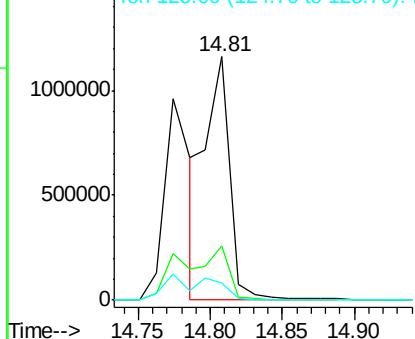


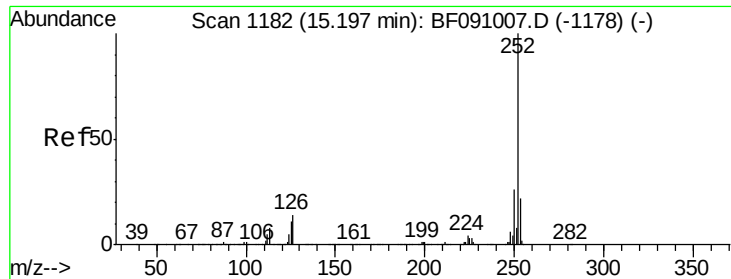
#88
Benzo(k)fluoranthene
Concen: 46.06 ng m
RT: 14.81 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Tgt Ion:252 Resp: 1389422
Ion Ratio Lower Upper
252 100
253 22.3 18.6 28.0
125 6.8 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

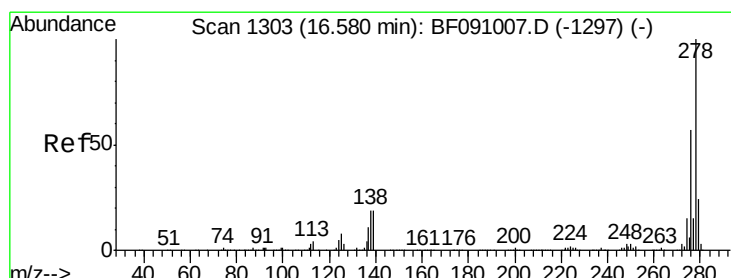
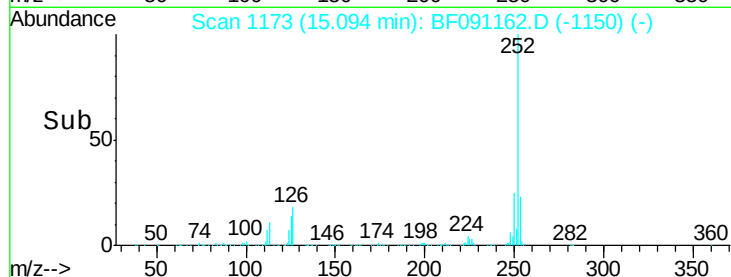
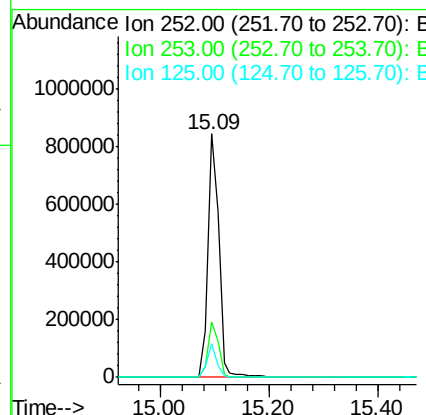
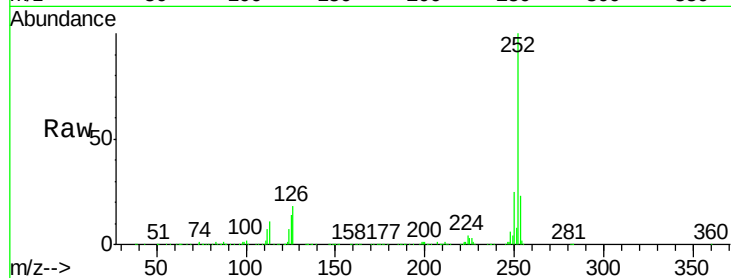




#89
Benzo(a)pyrene
Concen: 38.58 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

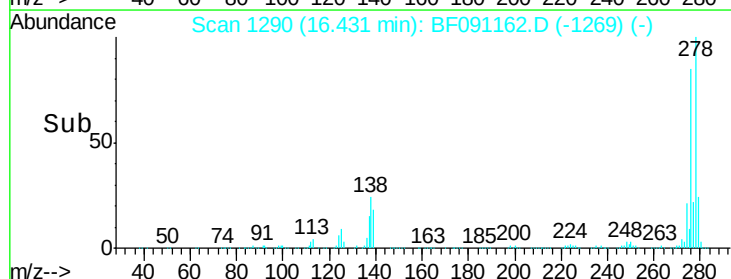
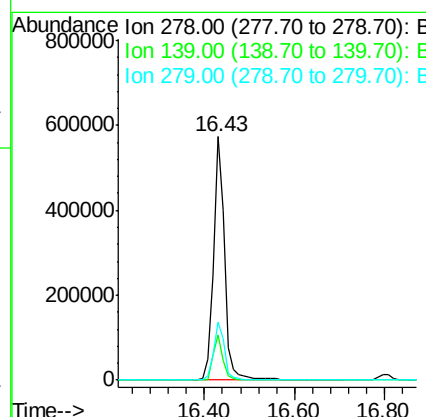
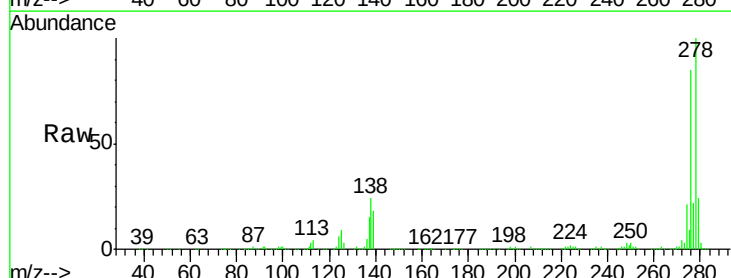
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

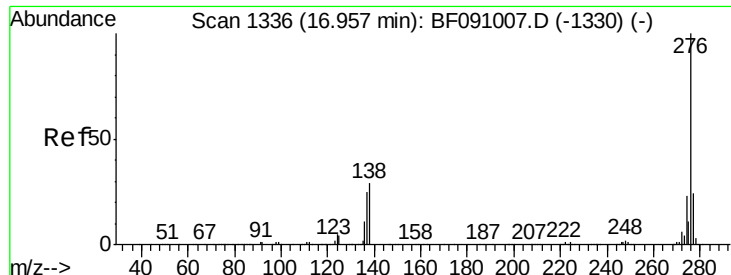
Tot Ion:252 Resp: 1155156
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 14.1 8.6 13.0#



#90
Dibenzo(a,h)anthracene
Concen: 38.12 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF091162.D
Acq: 14 Nov 2016 14:12

Tgt Ion:278 Resp: 986710
Ion Ratio Lower Upper
278 100
139 18.4 15.3 22.9
279 23.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 38.92 ng

RT: 16.81 min Scan# 1323

Delta R.T. -0.05 min

Lab File: BF091162.D

Acq: 14 Nov 2016 14:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

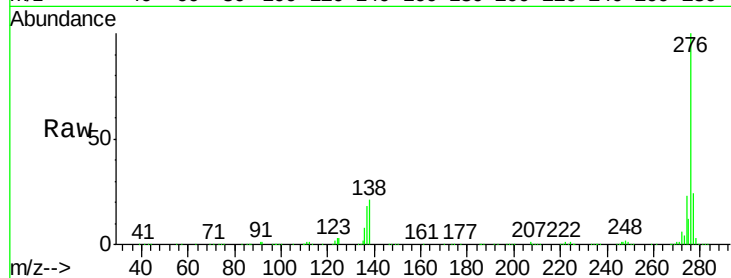
Tot Ion:276 Resp: 910998

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 20.8 23.3 34.9%



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

