

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092216\
 Data File : BF090189.D
 Acq On : 22 Sep 2016 16:15
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 23 00:53:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	131389	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	526969	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	274193	20.00	ng	-0.02
63) Phenanthrene-d10	11.01	188	436548	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	304272	20.00	ng	-0.02
86) Perylene-d12	14.94	264	245478	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	648772	80.49	ng	-0.02
7) Phenol-d6	6.16	99	790440	79.40	ng	-0.01
23) Nitrobenzene-d5	7.07	82	673781	74.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.32	330	198663	84.45	ng	-0.02
44) 2-Fluorobiphenyl	8.87	172	1149581	82.31	ng	-0.02
78) Terphenyl-d14	12.58	244	936330	78.13	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	156048	35.68	ng	99
3) Pyridine	2.48	79	350608	36.97	ng	99
4) n-Nitrosodimethylamine	2.43	42	118072	41.71	ng	100
6) Aniline	6.16	93	498689	40.19	ng	# 77
8) 2-Chlorophenol	6.28	128	381507	41.13	ng	85
9) Benzaldehyde	6.03	77	177622	40.94	ng	98
10) Phenol	6.17	94	492355	41.84	ng	# 71
11) bis(2-Chloroethyl)ether	6.25	93	379883	41.40	ng	91
12) 1,3-Dichlorobenzene	6.43	146	373685	38.57	ng	96
13) 1,4-Dichlorobenzene	6.51	146	371567	37.56	ng	97
14) 1,2-Dichlorobenzene	6.67	146	355113	40.29	ng	97
15) Benzyl Alcohol	6.66	79	261833	44.11	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.80	45	418524	38.16	ng	97
17) 2-Methylphenol	6.79	107	302133	41.36	ng	97
18) Hexachloroethane	7.02	117	142969	40.52	ng	# 81
19) n-Nitroso-di-n-propylamine	6.94	70	239859	41.02	ng	98
20) 3+4-Methylphenols	6.95	107	385401	43.94	ng	97
22) Acetophenone	6.92	105	485606	38.21	ng	# 98
24) Nitrobenzene	7.10	77	385311	40.68	ng	# 84
25) Isophorone	7.34	82	697036	36.70	ng	97
26) 2-Nitrophenol	7.42	139	188705	40.46	ng	# 80
27) 2,4-Dimethylphenol	7.47	122	347473	41.93	ng	97
28) bis(2-Chloroethoxy)methane	7.56	93	457333	39.81	ng	99
29) 2,4-Dichlorophenol	7.66	162	282470	38.86	ng	90
30) 1,2,4-Trichlorobenzene	7.74	180	287053	39.54	ng	97
31) Naphthalene	7.82	128	1004325	40.03	ng	98
32) Benzoic acid	7.62	122	222690	39.15	ng	99
33) 4-Chloroaniline	7.87	127	428606	41.18	ng	94
34) Hexachlorobutadiene	7.94	225	159165	41.56	ng	98
35) Caprolactam	8.25	113	87059	36.19	ng	99
36) 4-Chloro-3-methylphenol	8.36	107	303586	36.96	ng	100
37) 2-Methylnaphthalene	8.50	142	627156	40.19	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	270617	43.00	ng	# 97
40) Hexachlorocyclopentadiene	8.66	237	133171	42.88	ng	98

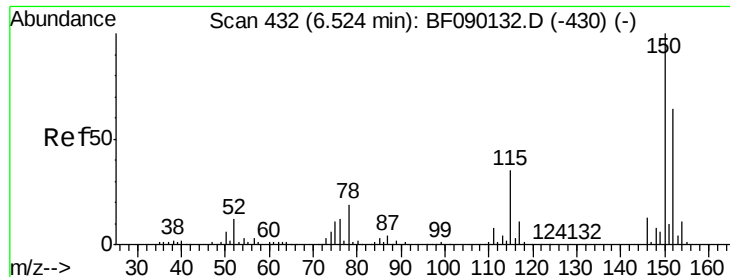
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092216\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	195244	43.53	ng	98
43) 2,4,5-Trichlorophenol	8.82	196	183249	39.46	ng	# 84
45) 1,1'-Biphenyl	8.97	154	842205	42.93	ng	96
46) 2-Chloronaphthalene	8.98	162	559577	38.67	ng	98
47) 2-Nitroaniline	9.08	65	163375	37.44	ng	# 80
48) Acenaphthylene	9.39	152	924006	39.32	ng	100
49) Dimethylphthalate	9.28	163	671902	38.47	ng	99
50) 2,6-Dinitrotoluene	9.34	165	161662	41.53	ng	# 84
51) Acenaphthene	9.56	154	528148	37.86	ng	99
52) 3-Nitroaniline	9.50	138	170812	37.43	ng	90
53) 2,4-Dinitrophenol	9.61	184	83732	40.09	ng	91
54) Dibenzofuran	9.74	168	716044	39.00	ng	95
55) 4-Nitrophenol	9.68	139	123613	39.54	ng	95
56) 2,4-Dinitrotoluene	9.74	165	197462	42.90	ng	88
57) Fluorene	10.08	166	606230	43.82	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	143903	41.39	ng	97
59) Diethylphthalate	9.98	149	712356	42.24	ng	98
60) 4-Chlorophenyl-phenylether	10.08	204	255360	40.47	ng	88
61) 4-Nitroaniline	10.11	138	190385	40.93	ng	99
62) Azobenzene	10.24	77	697381	39.72	ng	90
64) 4,6-Dinitro-2-methylphenol	10.14	198	105084	38.43	ng	# 48
65) n-Nitrosodiphenylamine	10.20	169	577370	40.22	ng	100
66) 4-Bromophenyl-phenylether	10.56	248	161455	37.58	ng	# 83
67) Hexachlorobenzene	10.62	284	191147	38.18	ng	# 82
68) Atrazine	10.73	200	147367	37.46	ng	96
69) Pentachlorophenol	10.82	266	114080	40.14	ng	98
70) Phenanthrene	11.03	178	887661	43.48	ng	99
71) Anthracene	11.07	178	832562	38.88	ng	99
72) Carbazole	11.23	167	845932	37.37	ng	98
73) Di-n-butylphthalate	11.59	149	1084654	41.21	ng	99
74) Fluoranthene	12.21	202	849587	38.77	ng	90
76) Benzidine	12.33	184	410138	40.27	ng	99
77) Pyrene	12.42	202	817828	39.28	ng	99
79) Butylbenzylphthalate	13.06	149	406178	39.88	ng	# 76
80) Benzo(a)anthracene	13.60	228	663966	40.56	ng	99
81) 3,3'-Dichlorobenzidine	13.58	252	264892	39.24	ng	# 98
82) Chrysene	13.65	228	645237	40.46	ng	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	552268	42.37	ng	99
84) Di-n-octyl phthalate	14.24	149	918846	40.93	ng	100
85) Indeno(1,2,3-cd)pyrene	16.09	276	543983	42.19	ng	97
87) Benzo(b)fluoranthene	14.62	252	1092423	80.37	ng	97
88) Benzo(k)fluoranthene	14.62	252	1093758	85.74	ng	# 97
89) Benzo(a)pyrene	14.88	252	501588	39.23	ng	# 92
90) Dibenzo(a,h)anthracene	16.10	278	453056	45.41	ng	# 96
91) Benzo(g,h,i)perylene	16.43	276	453141	46.40	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.02 min

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BNA_F

ClientSampleId :

SSTDCCC040

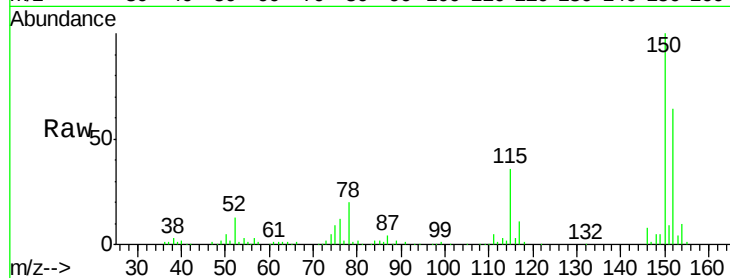
Tgt Ion: 152 Resp: 131389

Ion Ratio Lower Upper

152 100

150 157.2 128.9 193.3

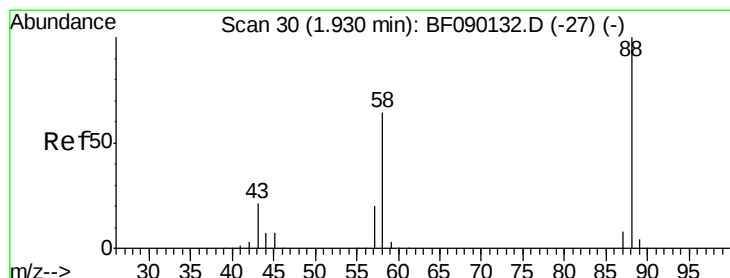
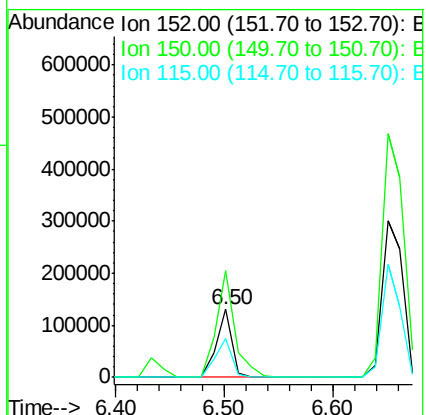
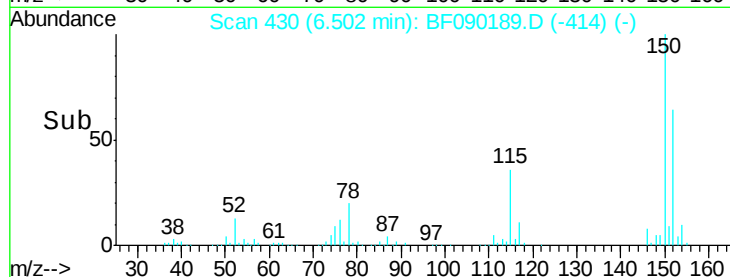
115 56.3 55.5 83.3



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: 35.68 ng

RT: 1.88 min Scan# 26

Delta R.T. -0.04 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

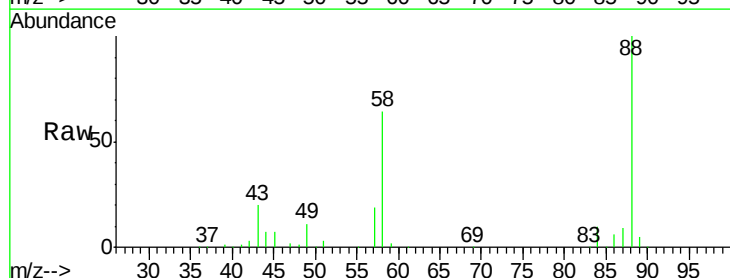
Tgt Ion: 88 Resp: 156048

Ion Ratio Lower Upper

88 100

58 66.5 53.4 80.0

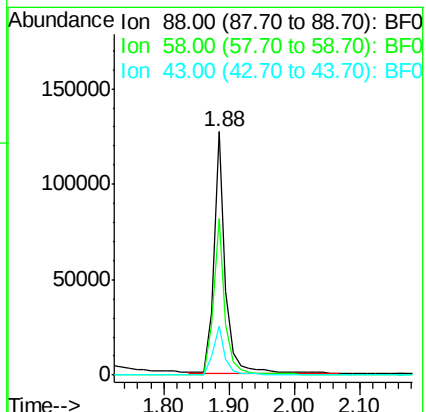
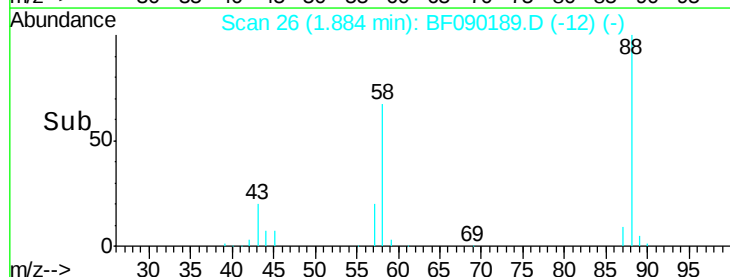
43 21.6 16.5 24.7

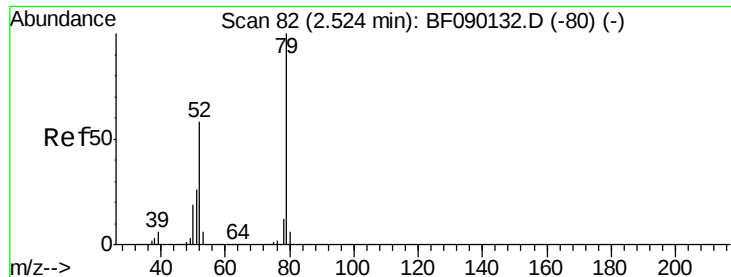


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.97 ng

RT: 2.48 min Scan# 78

Delta R.T. -0.05 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

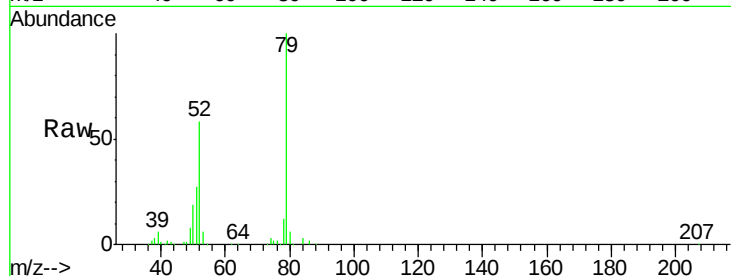
Tgt Ion: 79 Resp: 350608

Ion Ratio Lower Upper

79 100

52 58.2 45.9 68.9

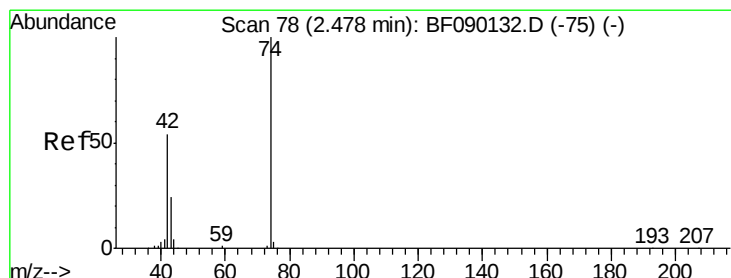
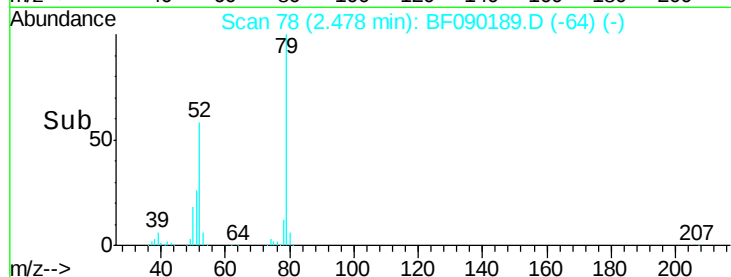
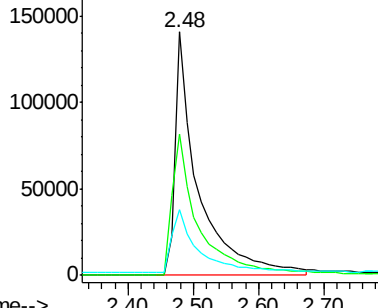
51 27.1 21.3 31.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.71 ng

RT: 2.43 min Scan# 74

Delta R.T. -0.05 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

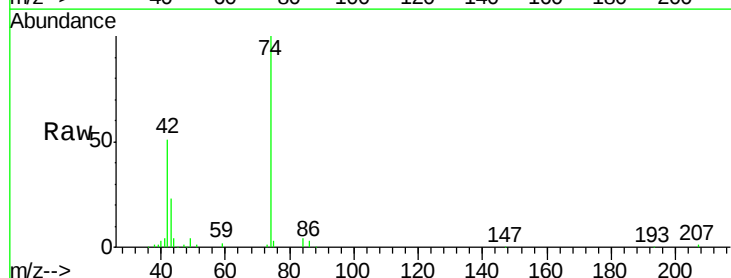
Tgt Ion: 42 Resp: 118072

Ion Ratio Lower Upper

42 100

74 197.7 158.7 238.1

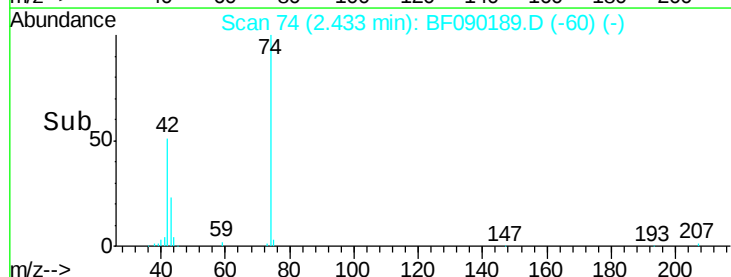
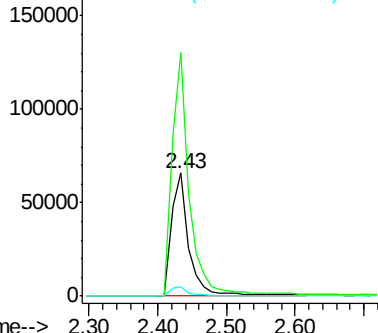
44 8.0 6.4 9.6

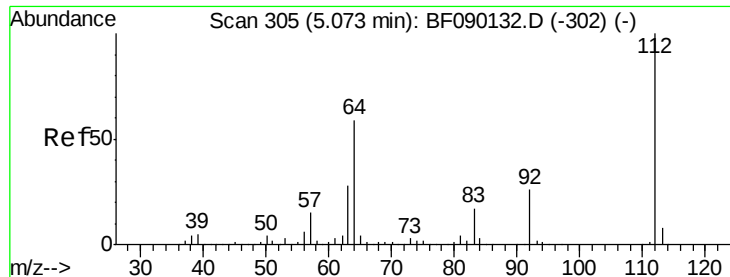


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.49 ng

RT: 5.05 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

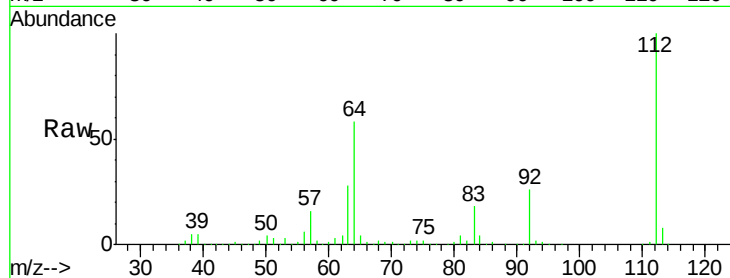
Tgt Ion: 112 Resp: 648772

Ion Ratio Lower Upper

112 100

64 58.1 39.8 59.6

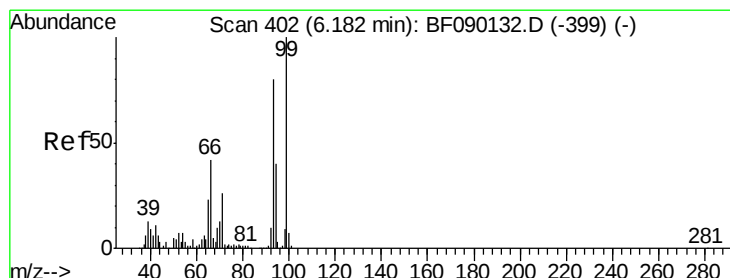
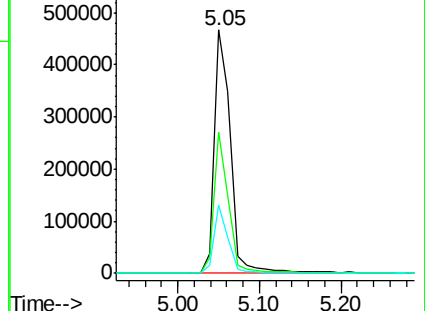
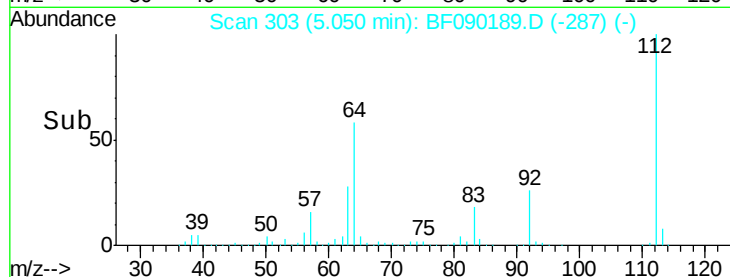
63 27.9 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.19 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

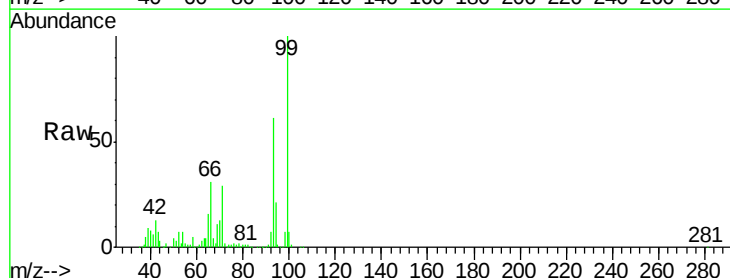
Tgt Ion: 93 Resp: 498689

Ion Ratio Lower Upper

93 100

66 50.7 54.2 81.2#

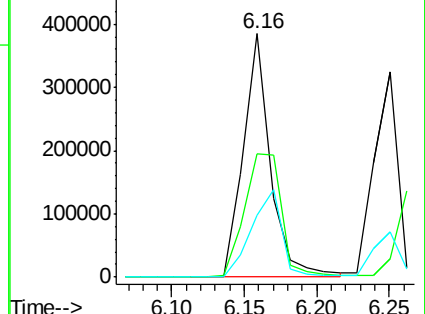
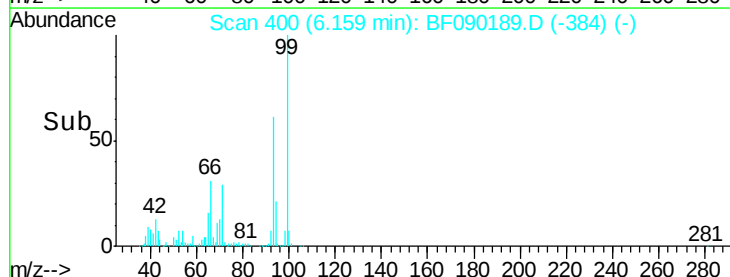
65 25.5 33.8 50.6#

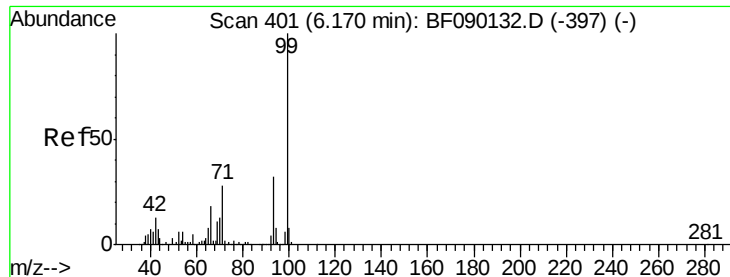


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.40 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

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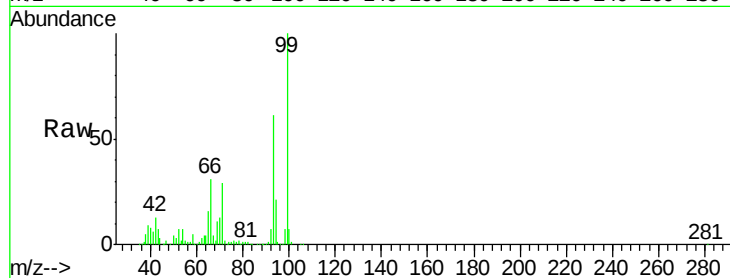
Tgt Ion: 99 Resp: 790440

Ion Ratio Lower Upper

99 100

42 13.0 10.6 15.8

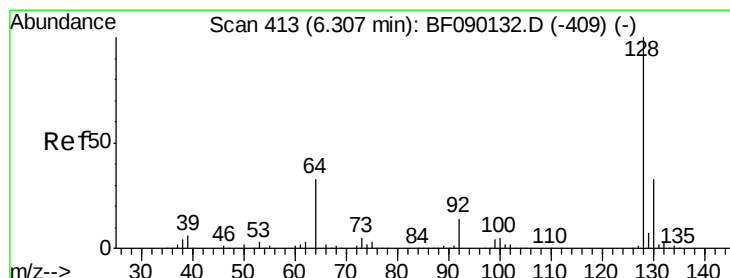
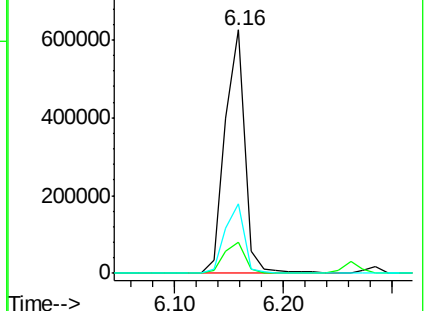
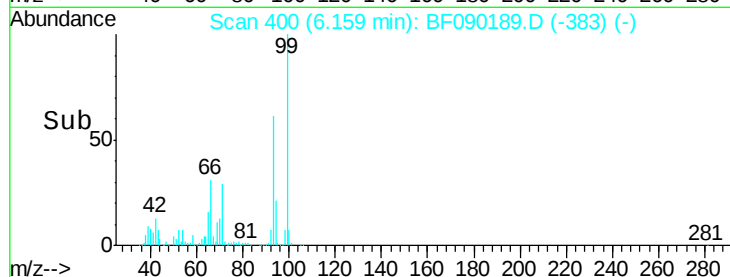
71 28.7 23.0 34.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.13 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

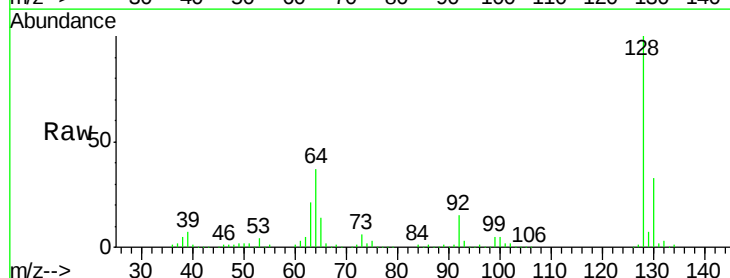
Tgt Ion: 128 Resp: 381507

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

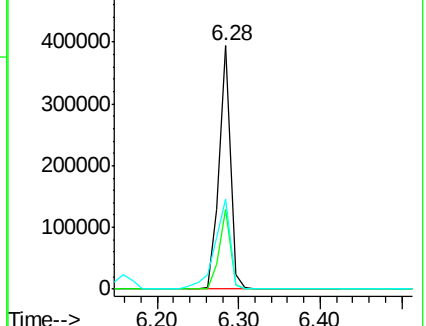
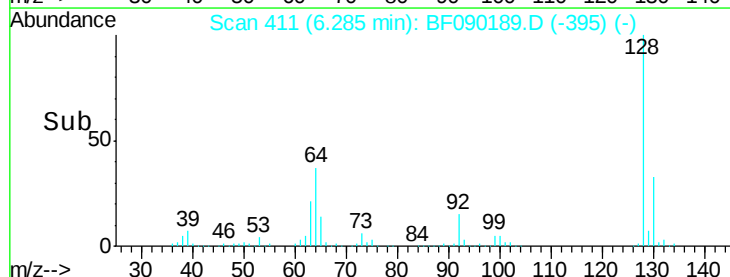
64 37.0 33.6 73.6

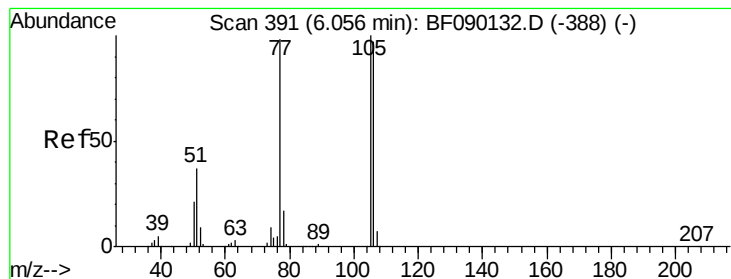


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.94 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

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SSTDCCC040

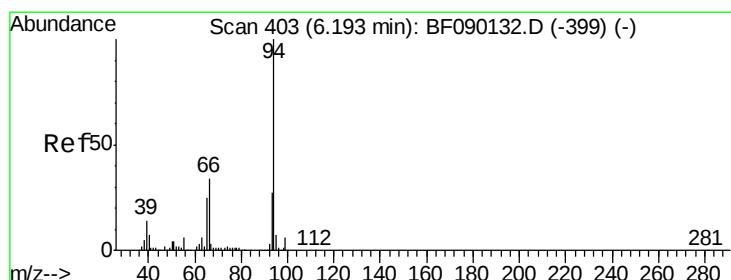
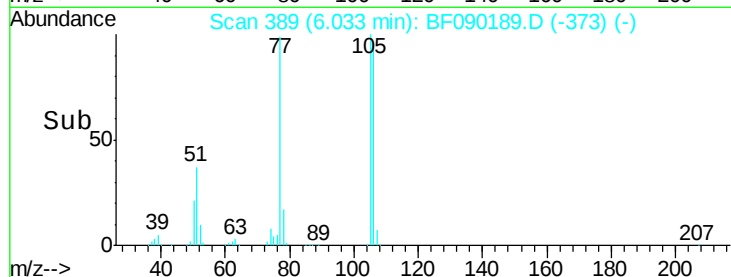
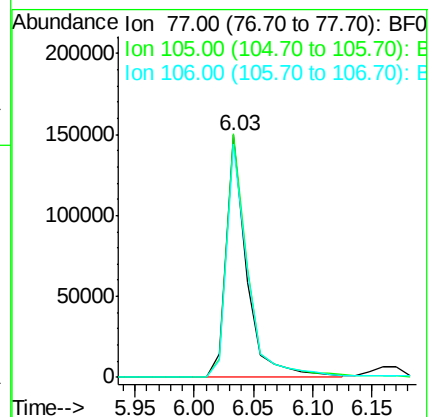
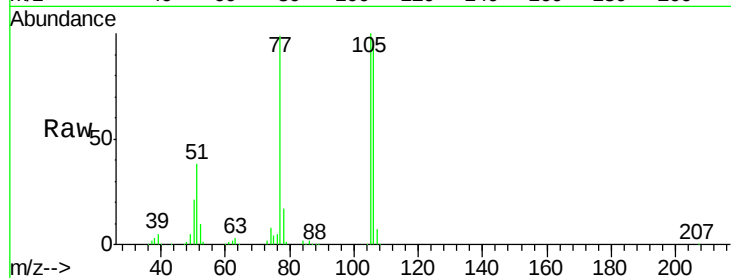
Tgt Ion: 77 Resp: 177622

Ion Ratio Lower Upper

77 100

105 100.6 83.0 123.0

106 96.4 78.5 118.5



#10

Phenol

Concen: 41.84 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

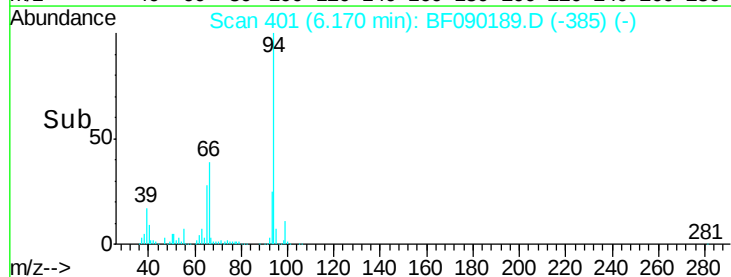
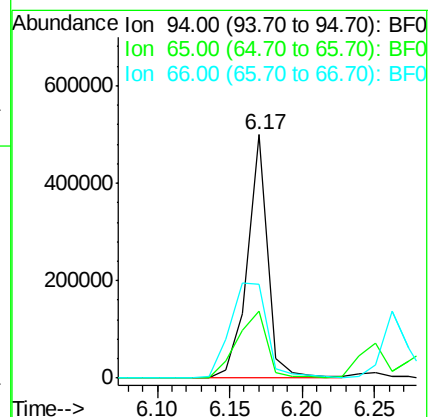
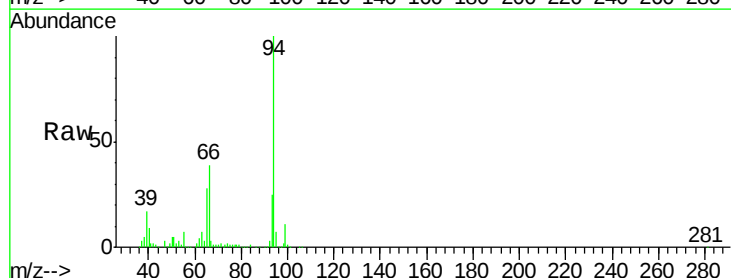
Tgt Ion: 94 Resp: 492355

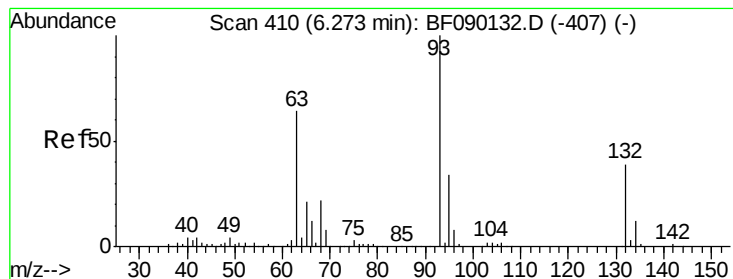
Ion Ratio Lower Upper

94 100

65 27.6 20.6 60.6

66 38.8 45.1 85.1#





#11

bis(2-Chloroethyl)ether

Concen: 41.40 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

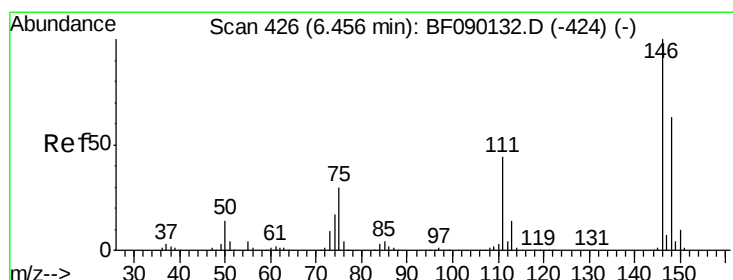
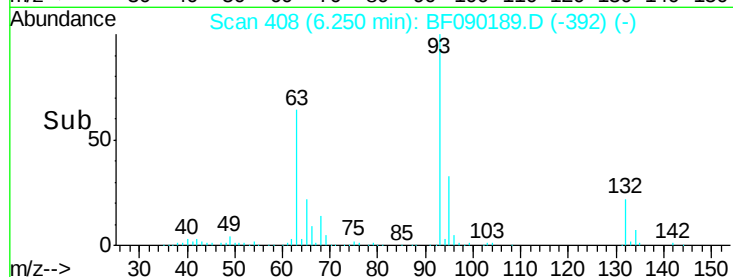
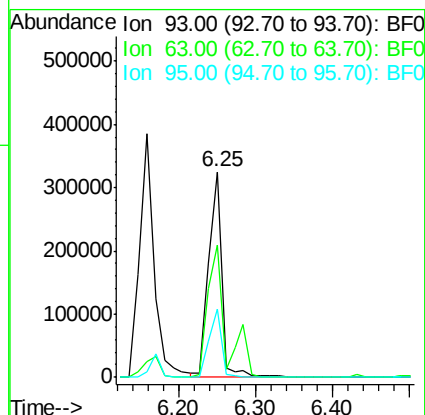
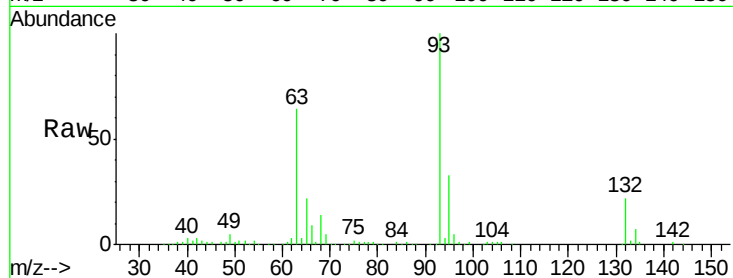
Tgt Ion: 93 Resp: 379883

Ion Ratio Lower Upper

93 100

63 64.3 55.6 95.6

95 33.1 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 38.57 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

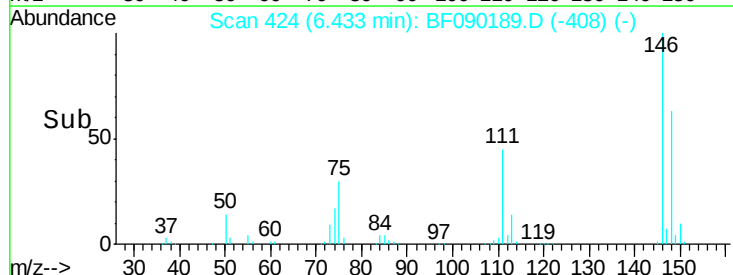
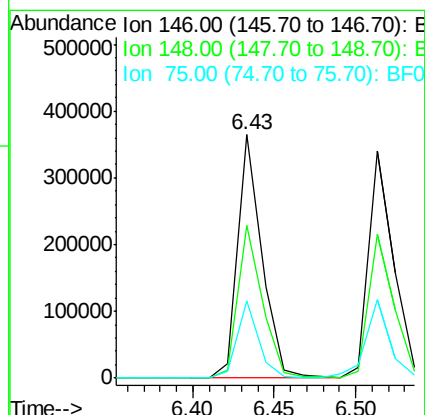
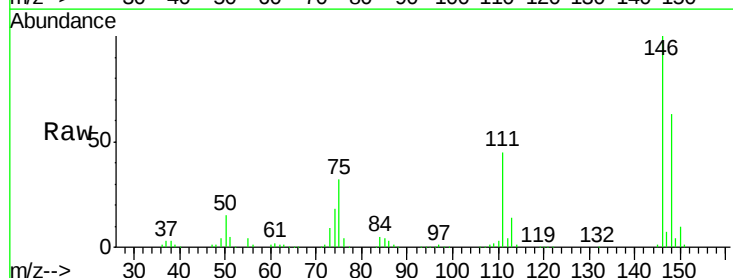
Tgt Ion: 146 Resp: 373685

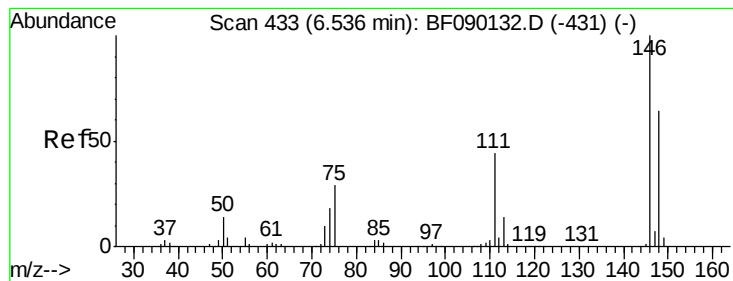
Ion Ratio Lower Upper

146 100

148 63.0 51.9 77.9

75 31.8 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 37.56 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

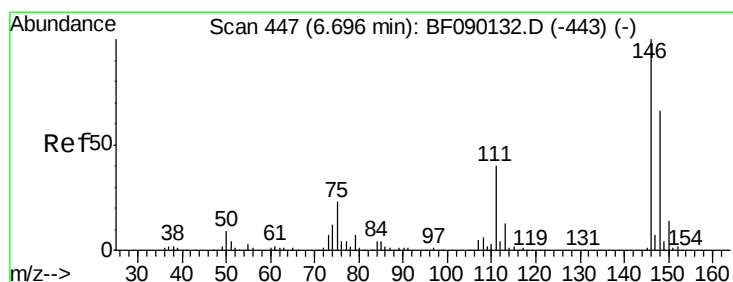
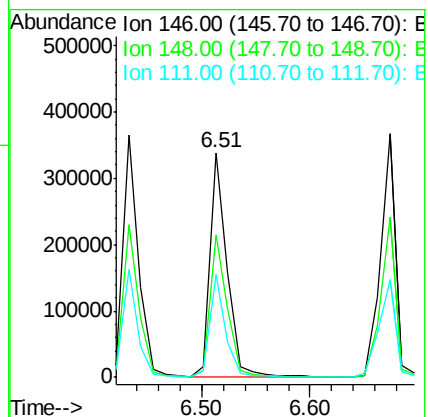
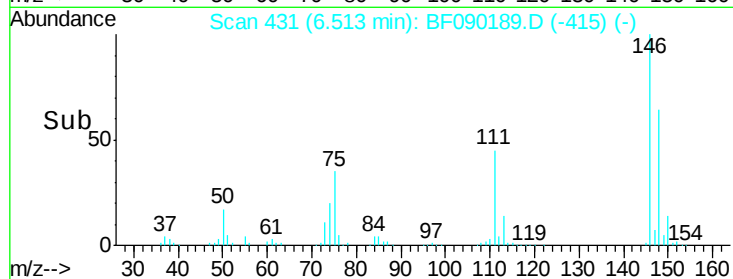
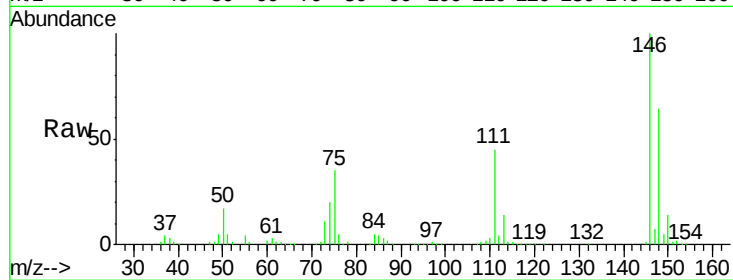
Tgt Ion:146 Resp: 371567

Ion Ratio Lower Upper

146 100

148 63.6 52.0 78.0

111 45.5 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 40.29 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

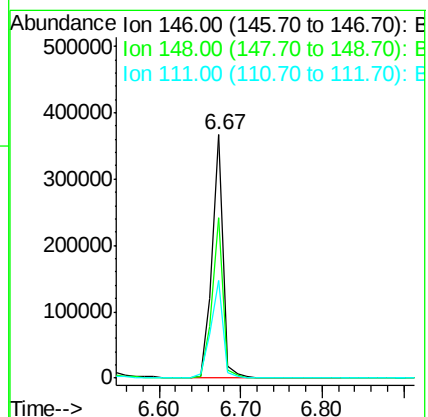
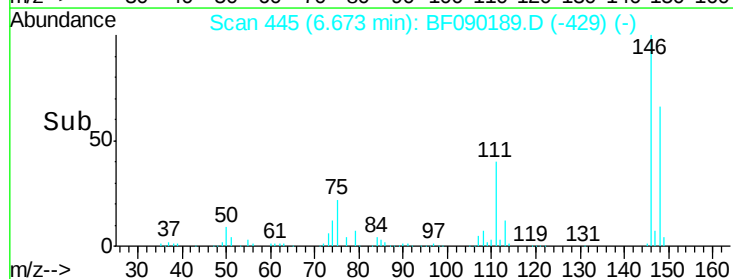
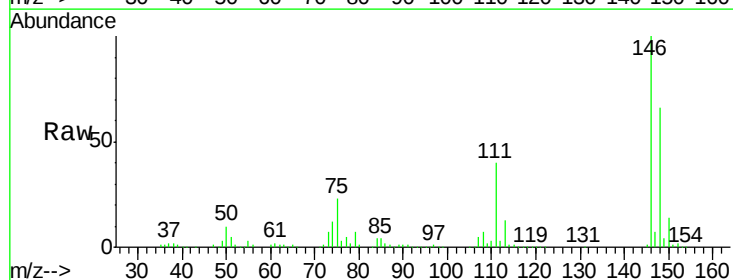
Tgt Ion:146 Resp: 355113

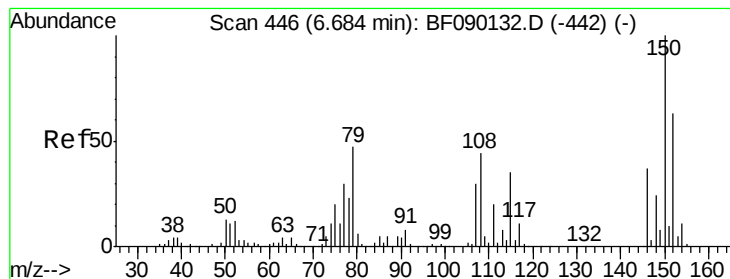
Ion Ratio Lower Upper

146 100

148 66.1 52.6 79.0

111 40.3 28.2 42.2





#15

Benzyl Alcohol

Concen: 44.11 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

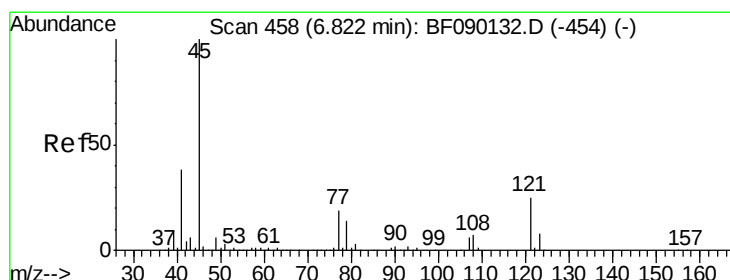
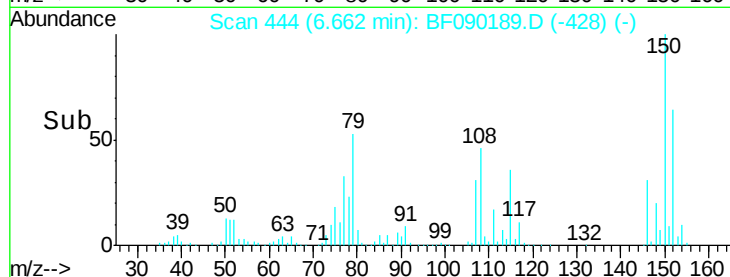
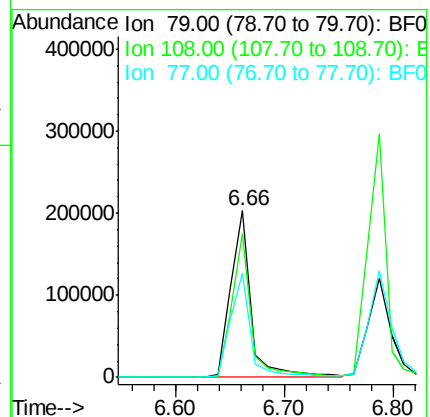
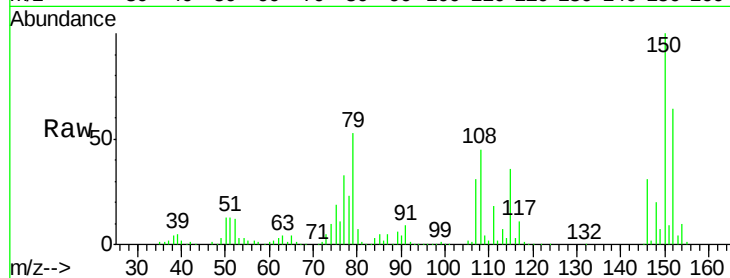
Tgt Ion: 79 Resp: 261833

Ion Ratio Lower Upper

79 100

108 86.0 62.2 93.4

77 62.9 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.16 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

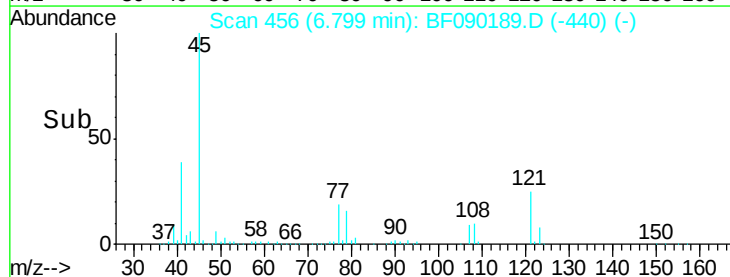
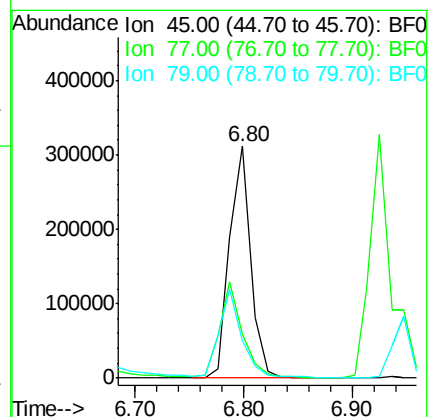
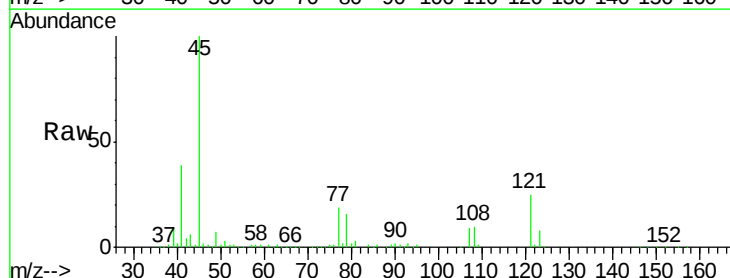
Tgt Ion: 45 Resp: 418524

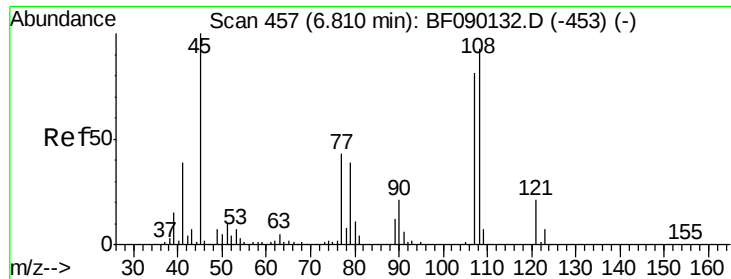
Ion Ratio Lower Upper

45 100

77 19.1 0.5 40.5

79 16.0 0.0 37.0

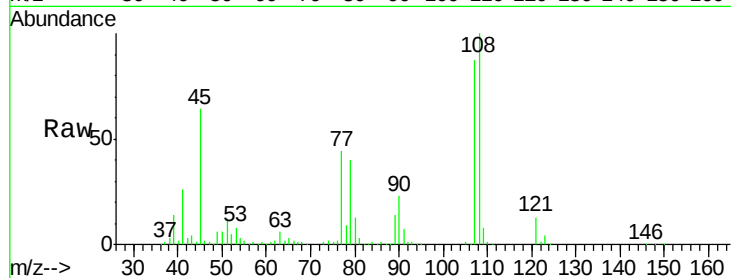




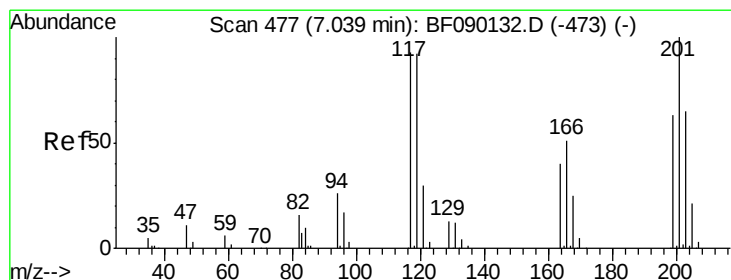
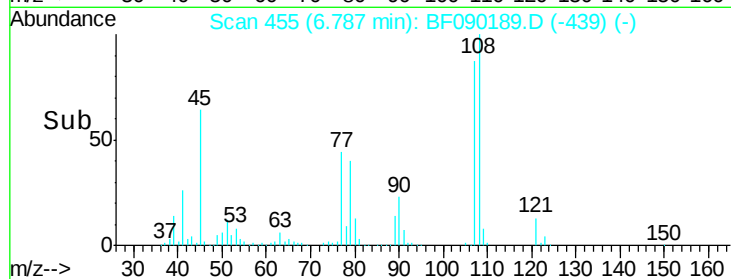
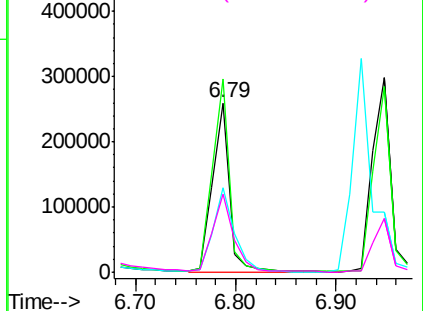
#17
2-Methylphenol
Concen: 41.36 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF090189.D
Acq: 22 Sep 2016 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	302133
Ion	Ratio	Lower	Upper
107	100		
108	114.4	92.0	138.0
77	50.3	35.6	53.4
79	46.2	35.2	52.8

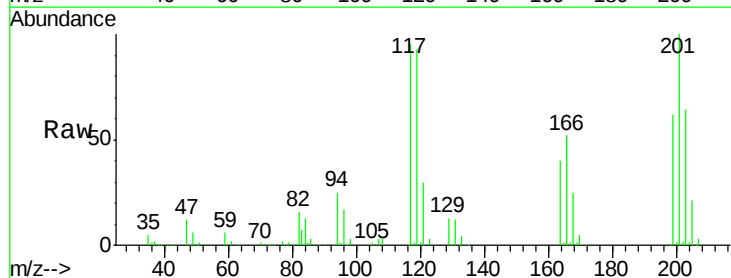


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

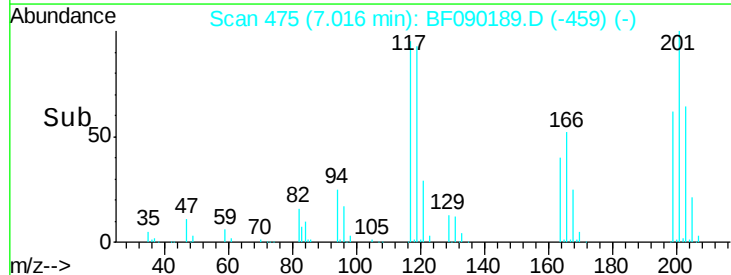
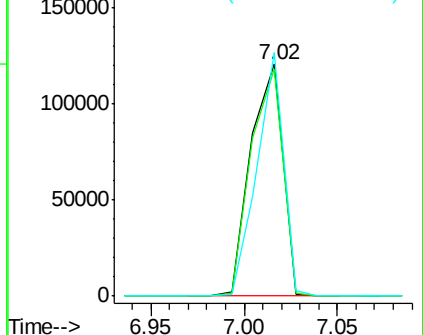


#18
Hexachloroethane
Concen: 40.52 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090189.D
Acq: 22 Sep 2016 16:15

Tgt Ion:	117	Resp:	142969
Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.6	115.0
201	104.9	55.5	83.3#



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

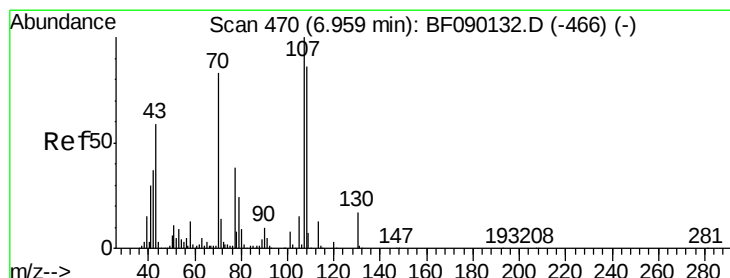
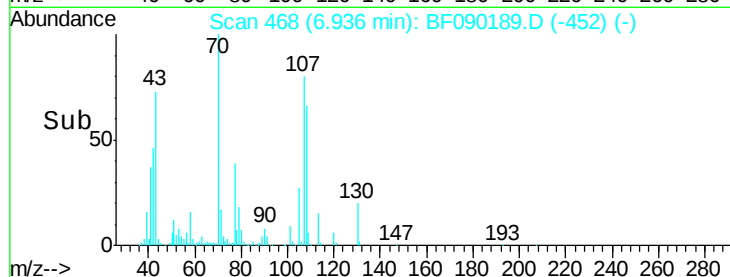
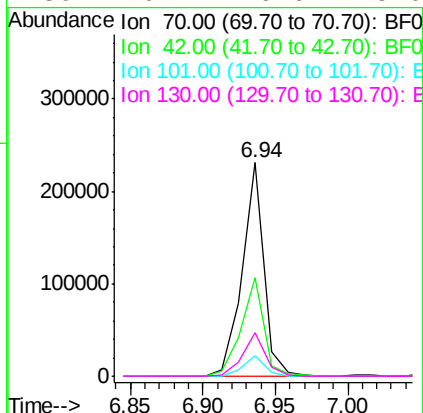
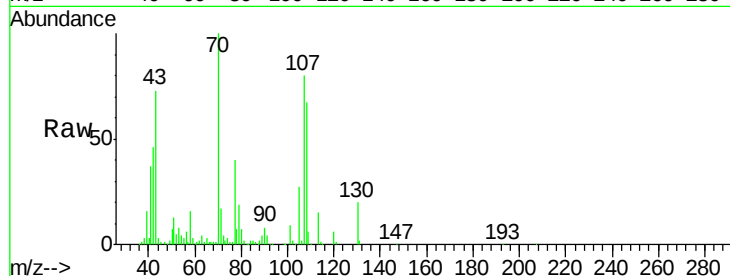




#19
n-Nitroso-di-n-propylamine
Concen: 41.02 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF090189.D
Acq: 22 Sep 2016 16:15

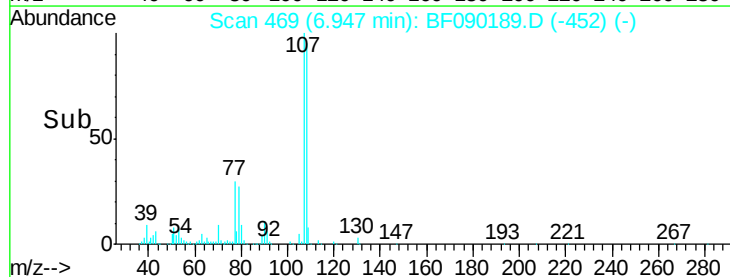
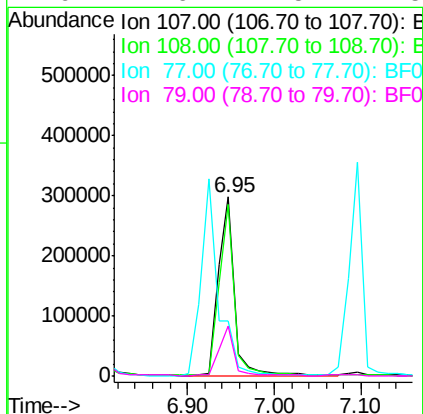
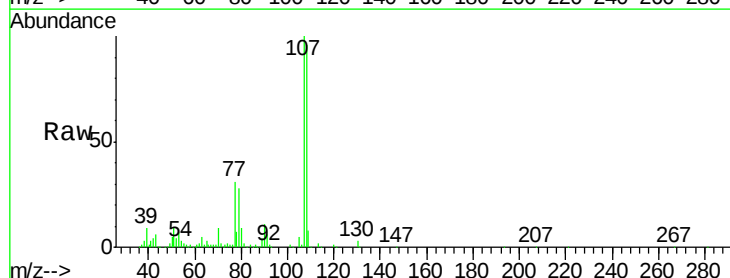
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

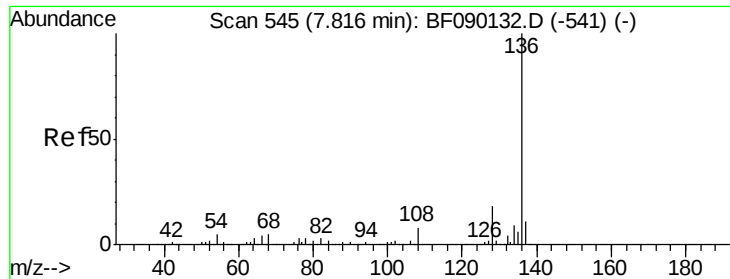
Tgt Ion:	70	Resp:	239859
Ion	Ratio	Lower	Upper
70	100		
42	46.0	35.1	52.7
101	9.3	7.5	11.3
130	20.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.94 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF090189.D
Acq: 22 Sep 2016 16:15

Tgt Ion:	107	Resp:	385401
Ion	Ratio	Lower	Upper
107	100		
108	95.6	73.3	113.3
77	30.7	14.1	54.1
79	27.6	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 526969

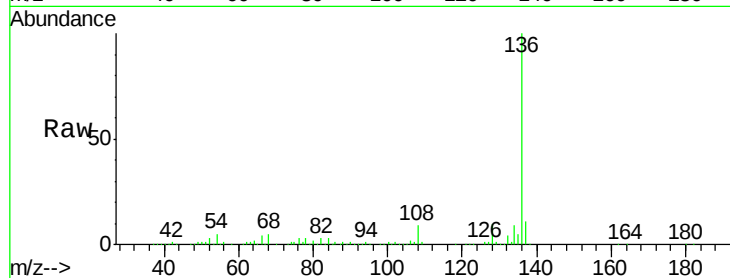
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.3 6.4 9.6#

68 5.5 6.3 9.5#

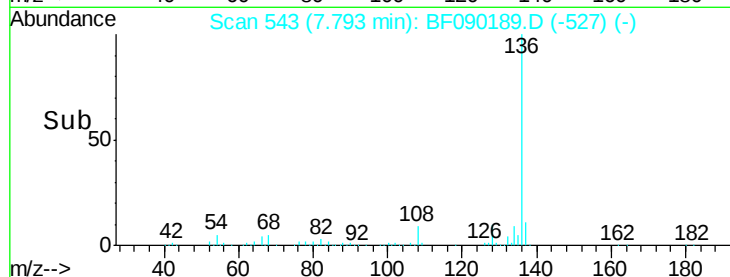


Abundance Ion 136.00 (135.70 to 136.70): E

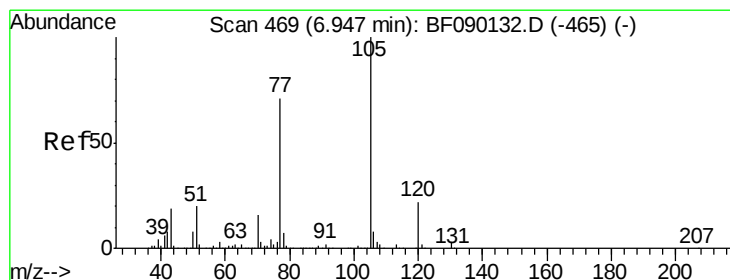
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.21 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Tgt Ion:105 Resp: 485606

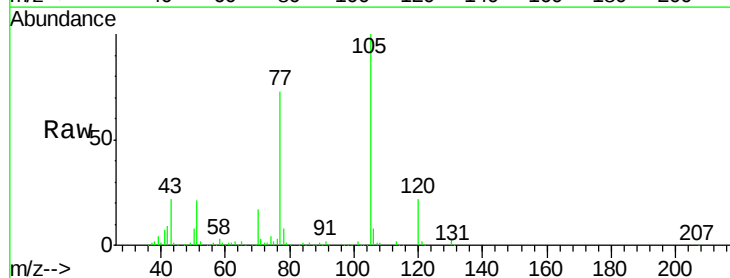
Ion Ratio Lower Upper

105 100

71 2.9 4.1 6.1#

51 20.6 16.2 24.2

120 21.7 18.2 27.2

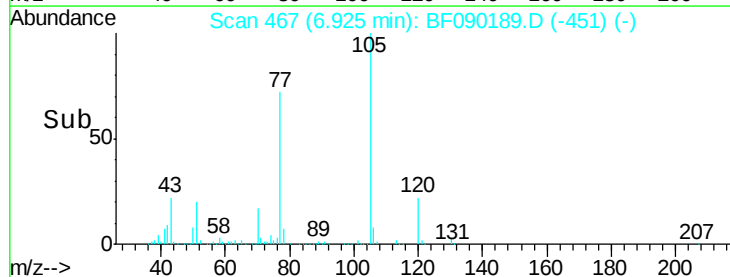


Abundance Ion 105.00 (104.70 to 105.70): E

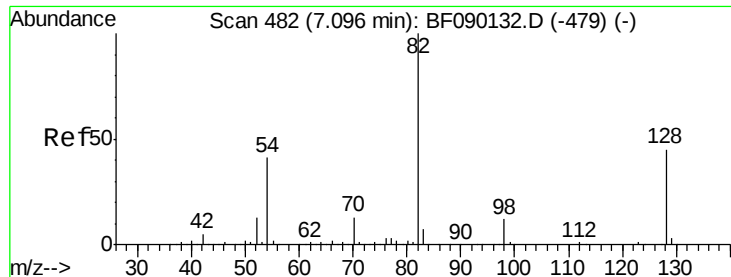
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



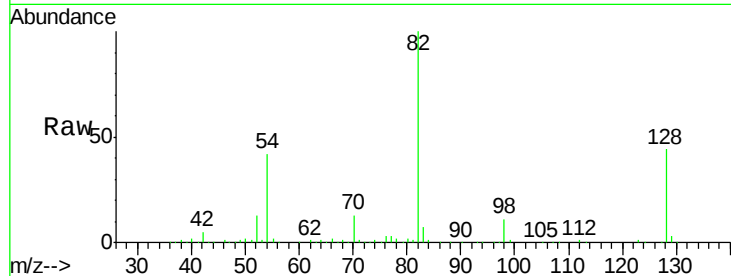
Time-->



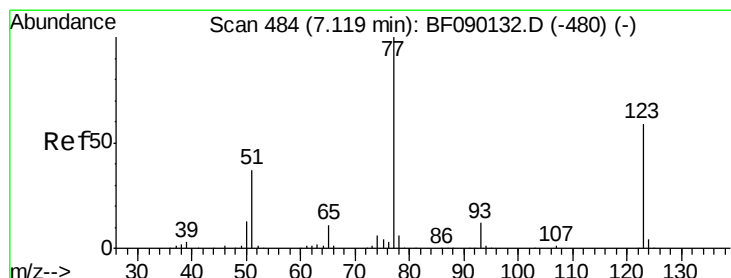
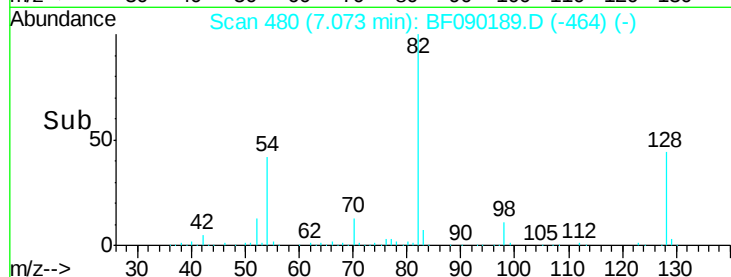
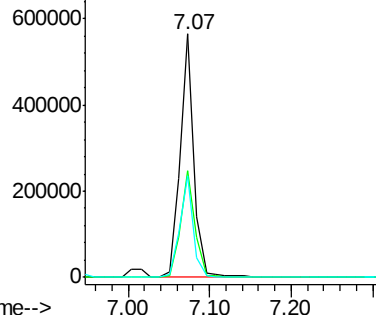
#23
 Nitrobenzene-d5
 Concen: 74.12 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 673781
 Ion Ratio Lower Upper
 82 100
 128 44.0 37.5 56.3
 54 41.7 31.9 47.9

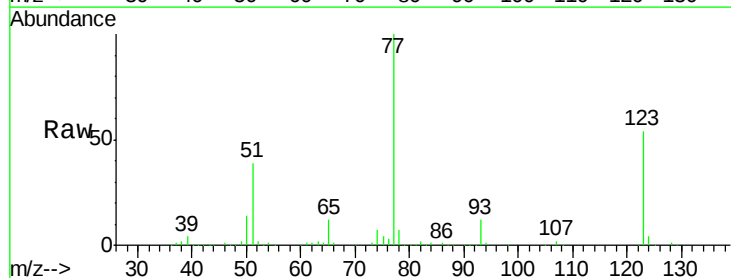


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

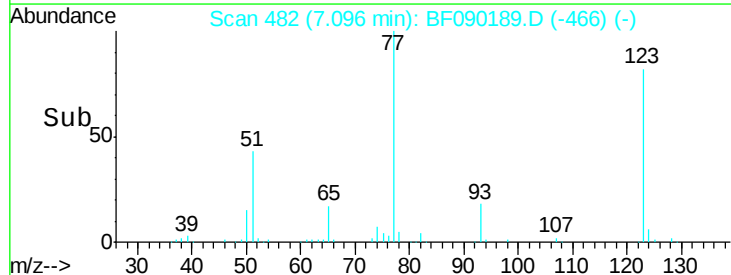
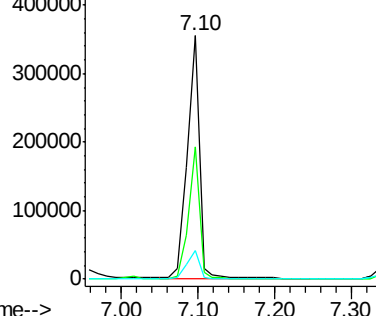


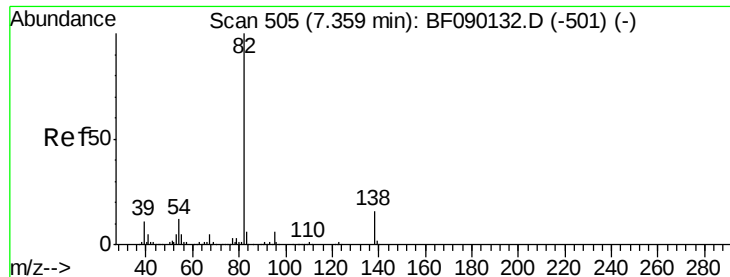
#24
 Nitrobenzene
 Concen: 40.68 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Tgt Ion: 77 Resp: 385311
 Ion Ratio Lower Upper
 77 100
 123 54.3 33.4 50.2#
 65 11.9 10.1 15.1



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





#25

Isophorone

Concen: 36.70 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

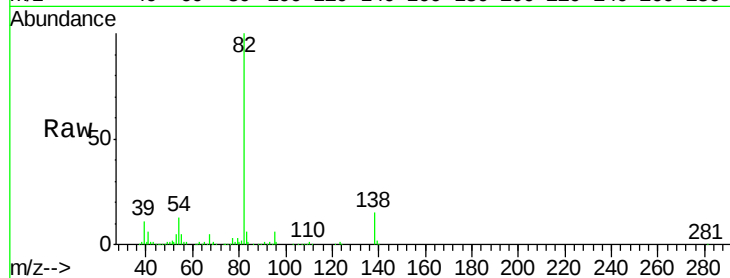
Tgt Ion: 82 Resp: 697036

Ion Ratio Lower Upper

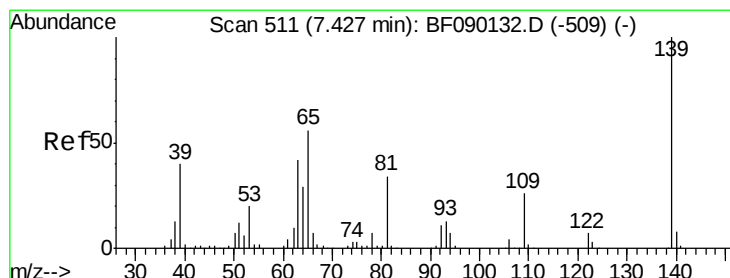
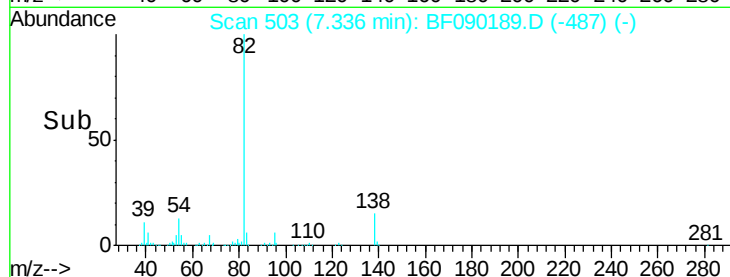
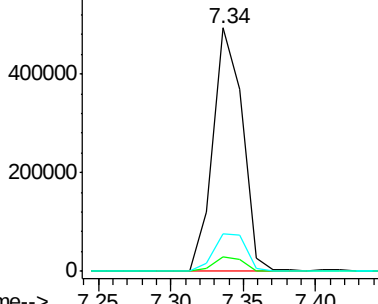
82 100

95 6.1 5.1 7.7

138 15.3 13.5 20.3



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: 40.46 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

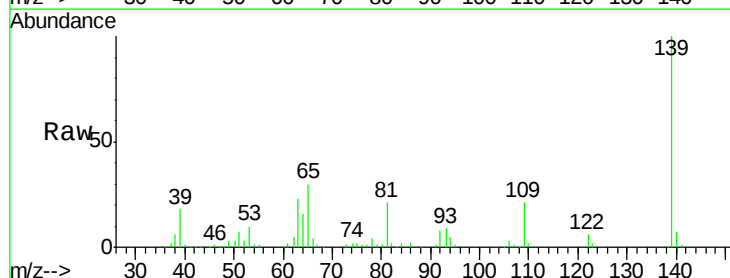
Tgt Ion: 139 Resp: 188705

Ion Ratio Lower Upper

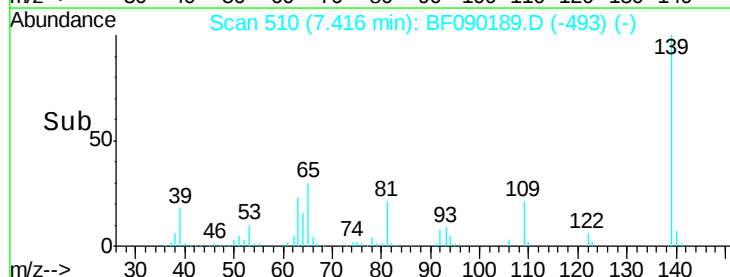
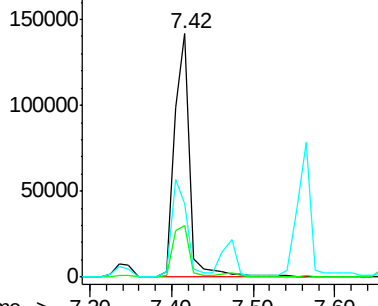
139 100

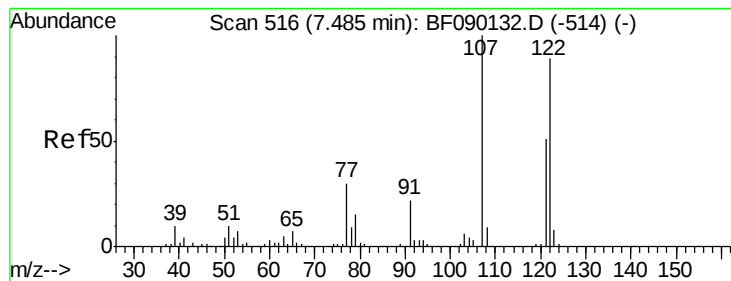
109 21.0 20.5 30.7

65 30.3 37.9 56.9#



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





#27

2,4-Dimethylphenol

Concen: 41.93 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

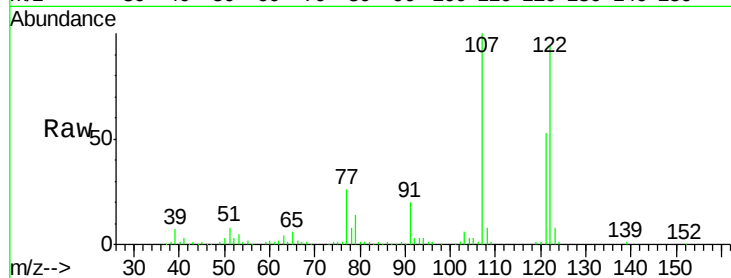
Tgt Ion:122 Resp: 347473

Ion Ratio Lower Upper

122 100

107 105.9 87.8 131.6

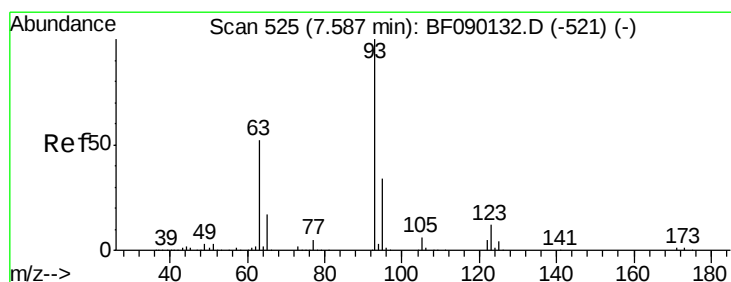
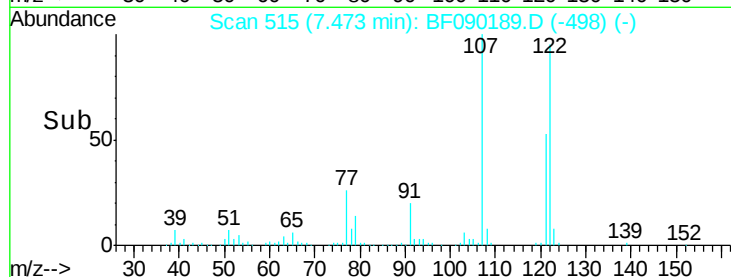
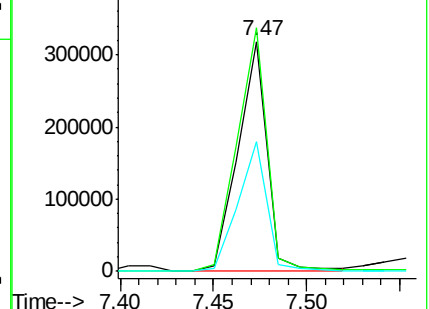
121 56.2 45.7 68.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.81 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

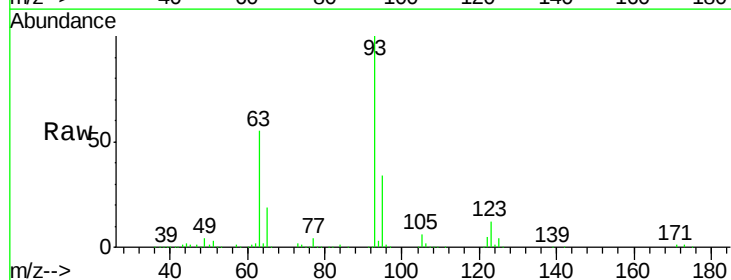
Tgt Ion: 93 Resp: 457333

Ion Ratio Lower Upper

93 100

95 33.5 26.8 40.2

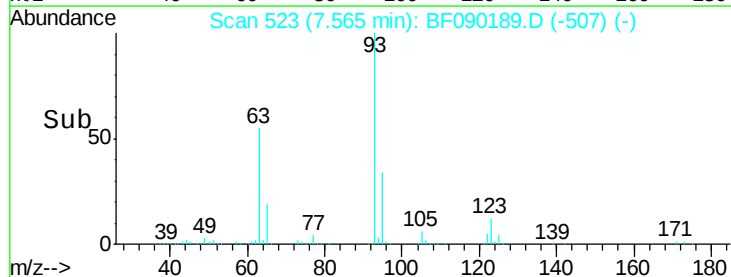
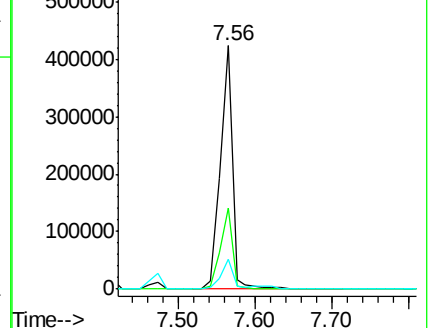
123 12.1 8.5 12.7

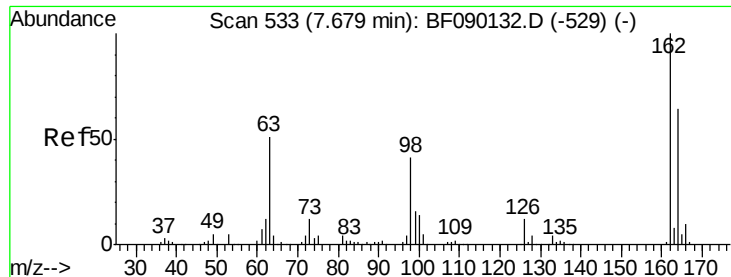


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

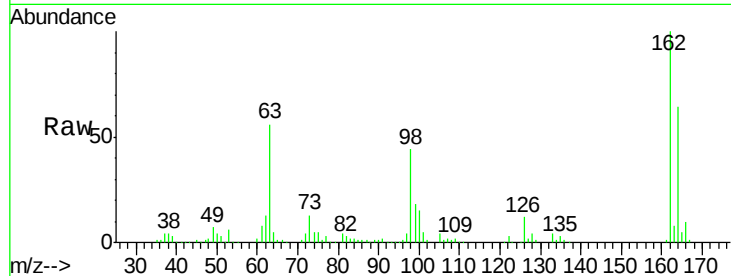




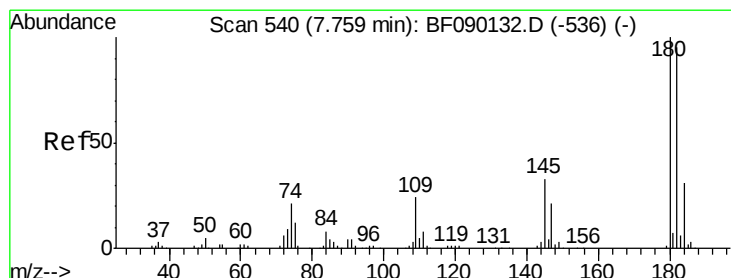
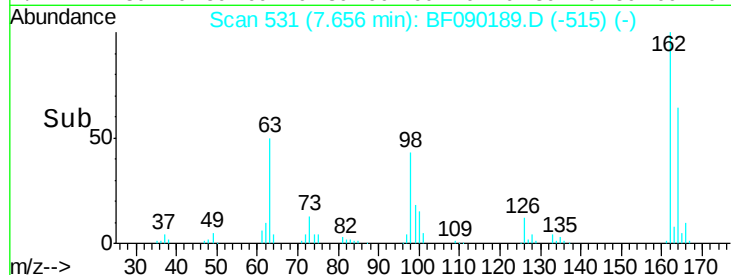
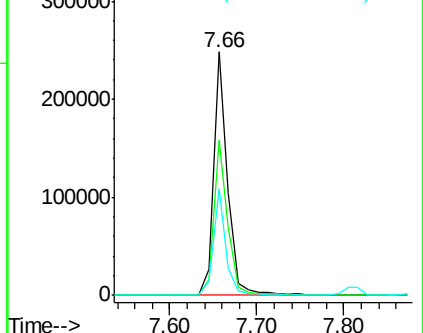
#29
2,4-Dichlorophenol
Concen: 38.86 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF090189.D
Acq: 22 Sep 2016 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 282470
Ion Ratio Lower Upper
162 100
164 63.5 46.2 86.2
98 43.6 10.4 50.4

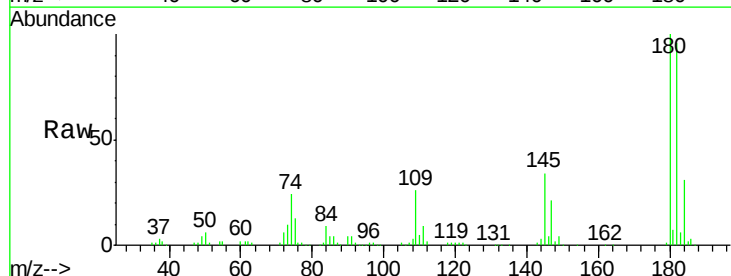


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

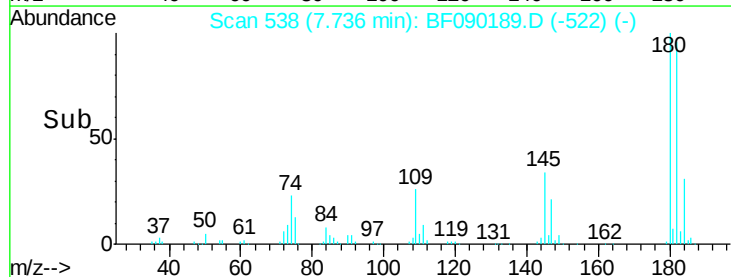
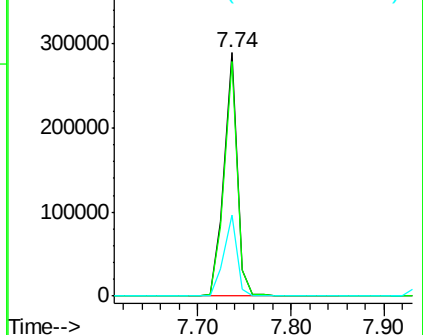


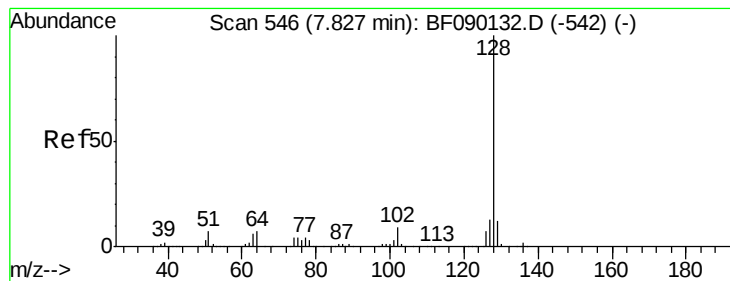
#30
1,2,4-Trichlorobenzene
Concen: 39.54 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF090189.D
Acq: 22 Sep 2016 16:15

Tgt Ion:180 Resp: 287053
Ion Ratio Lower Upper
180 100
182 96.2 75.0 112.6
145 33.5 28.6 42.8



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: 40.03 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

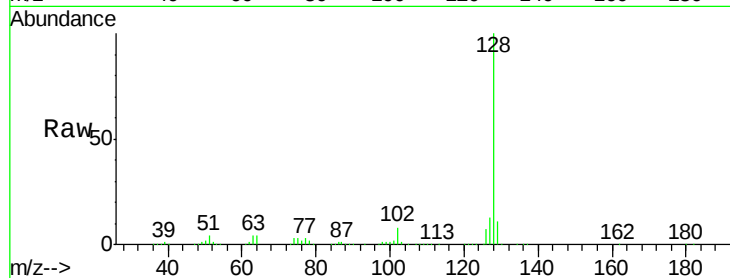
Tgt Ion:128 Resp: 1004325

Ion Ratio Lower Upper

128 100

129 10.8 9.3 13.9

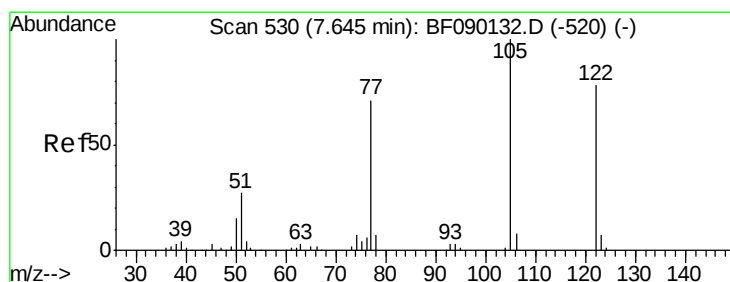
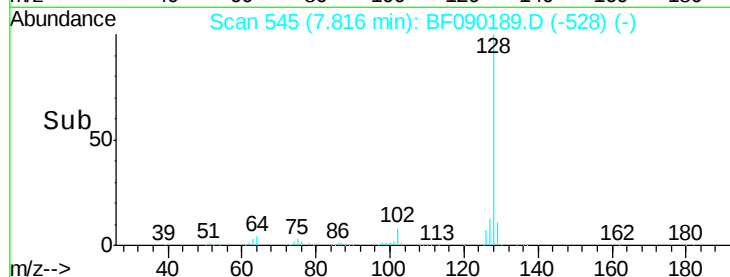
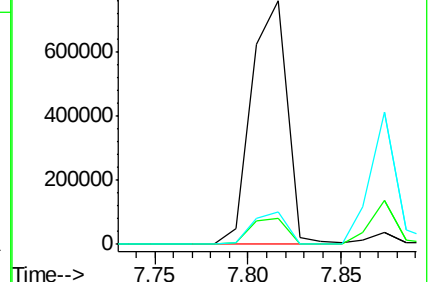
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.15 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

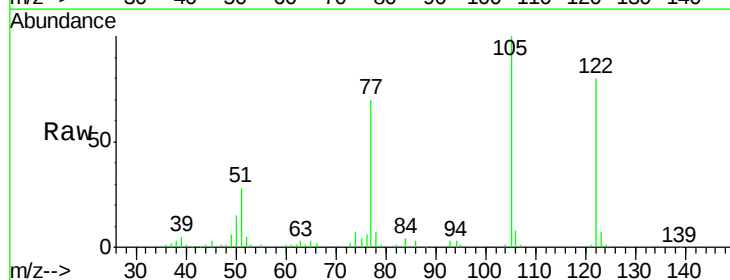
Tgt Ion:122 Resp: 222690

Ion Ratio Lower Upper

122 100

105 124.5 105.0 145.0

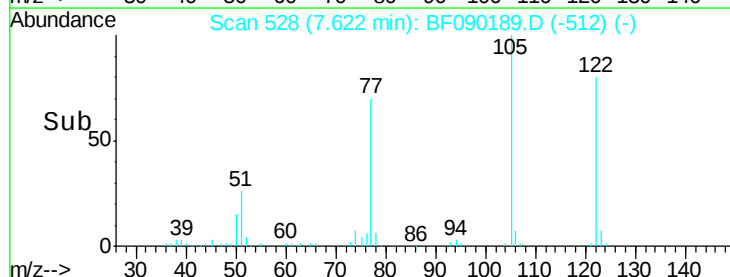
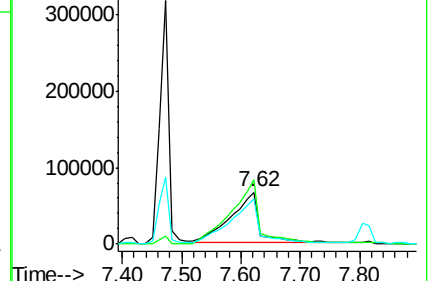
77 87.7 70.4 110.4

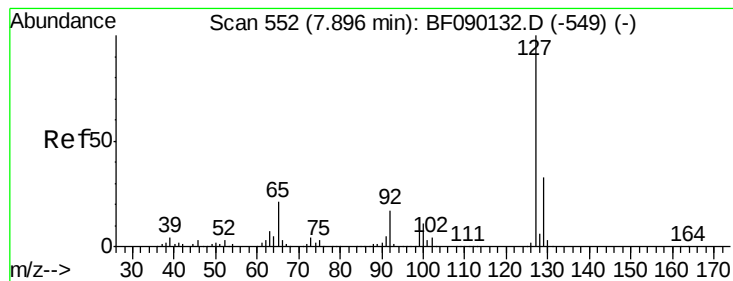


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.18 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

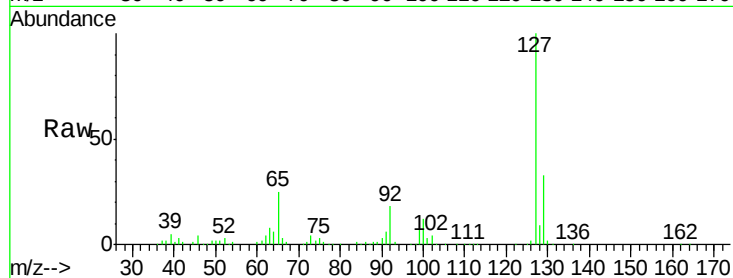
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	127	Resp:	428606
Ion Ratio	Lower	Upper	
127	100		
129	33.0	25.8	38.6
65	24.5	24.1	36.1
92	18.1	16.3	24.5

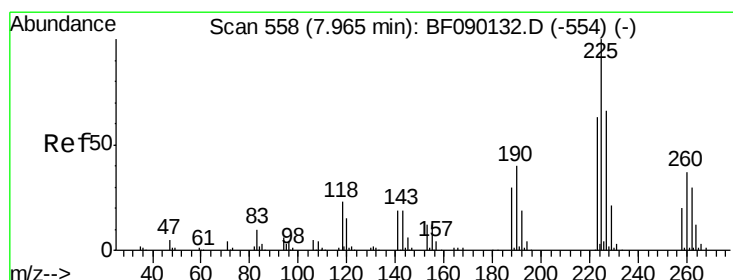
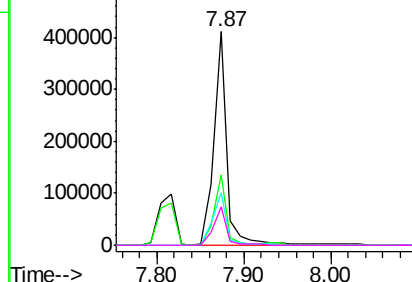
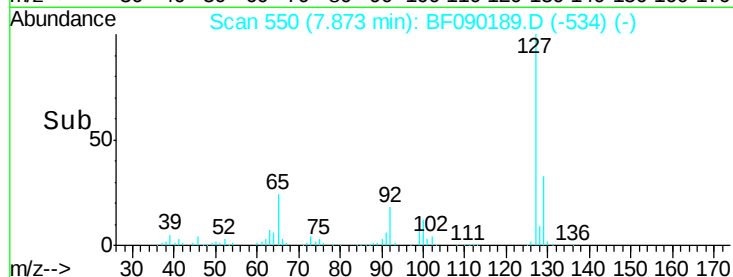


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.56 ng

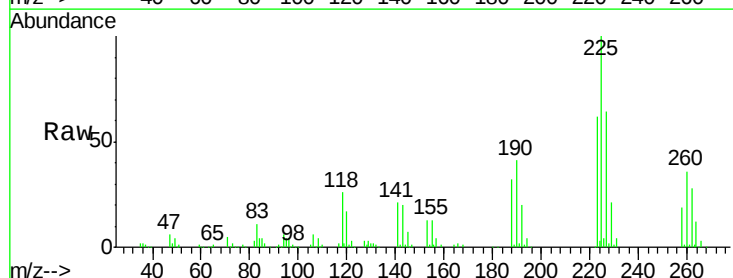
RT: 7.94 min Scan# 556

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

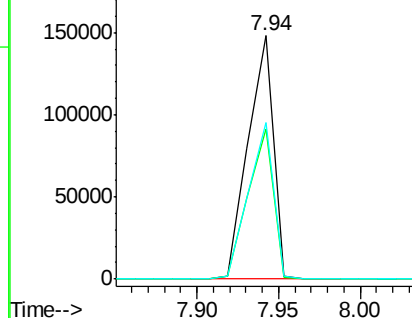
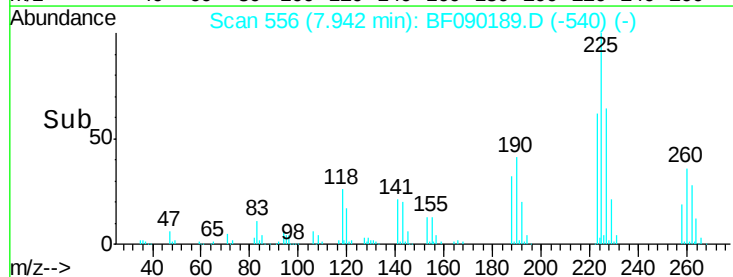
Tgt Ion:	225	Resp:	159165
Ion Ratio	Lower	Upper	
225	100		
223	61.9	51.3	76.9
227	64.3	51.4	77.0

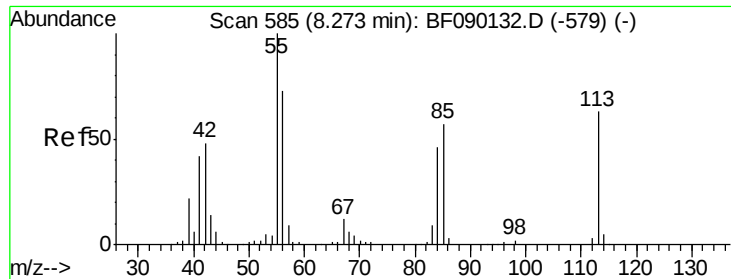


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

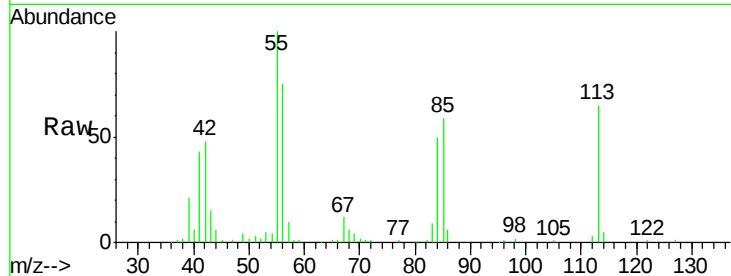




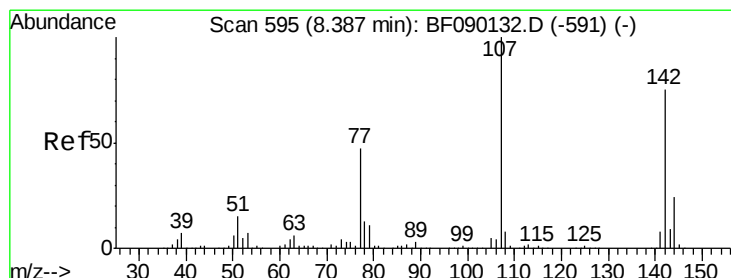
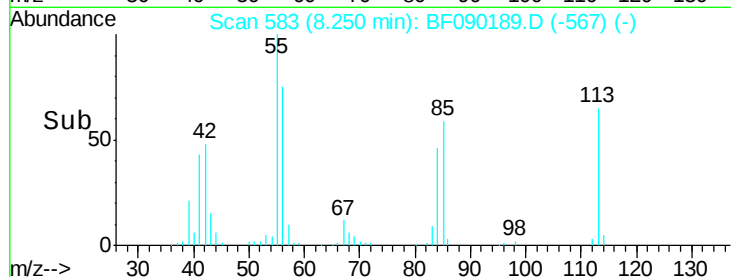
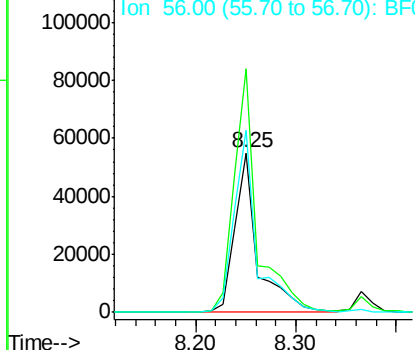
#35
 Caprolactam
 Concen: 36.19 ng
 RT: 8.25 min Scan# 583
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 87059
 Ion Ratio Lower Upper
 113 100
 55 152.8 134.5 174.5
 56 114.6 93.7 133.7

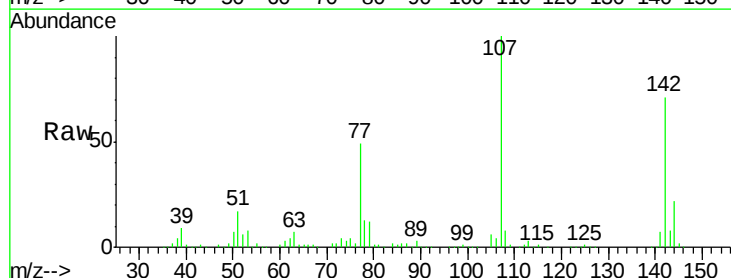


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

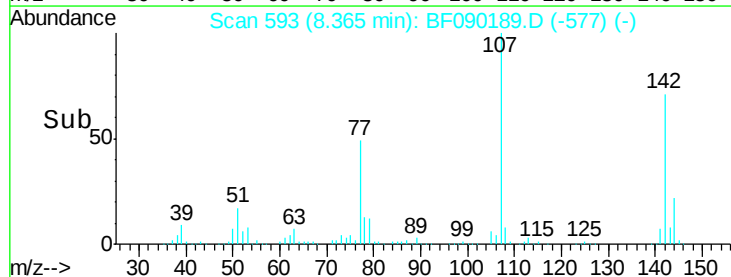
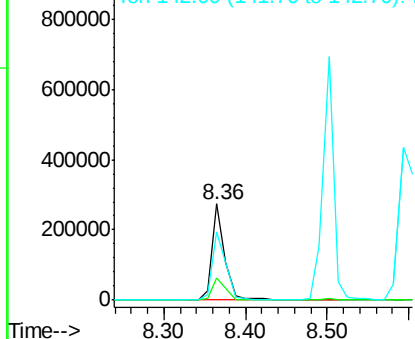


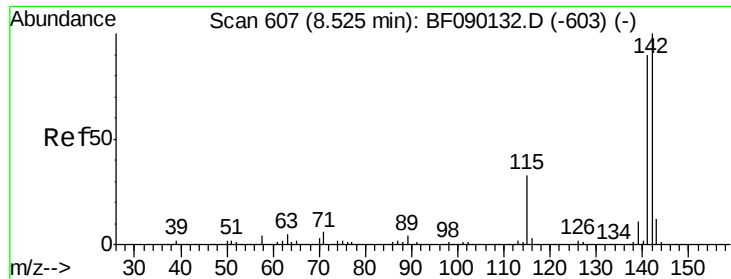
#36
 4-Chloro-3-methylphenol
 Concen: 36.96 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Tgt Ion:107 Resp: 303586
 Ion Ratio Lower Upper
 107 100
 144 22.4 18.6 27.8
 142 71.3 57.0 85.6



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

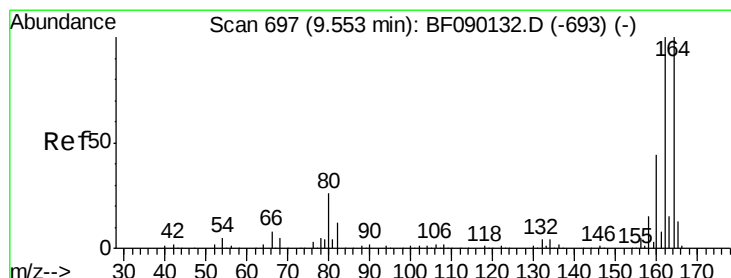
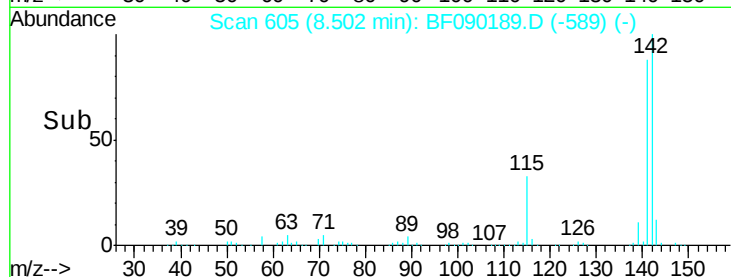
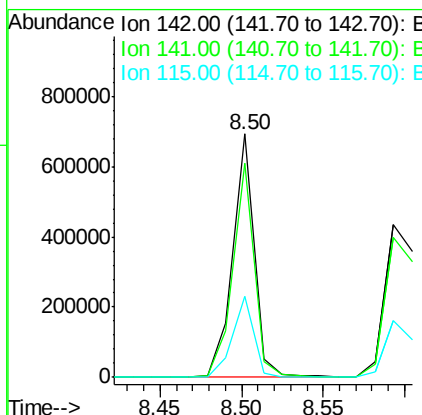
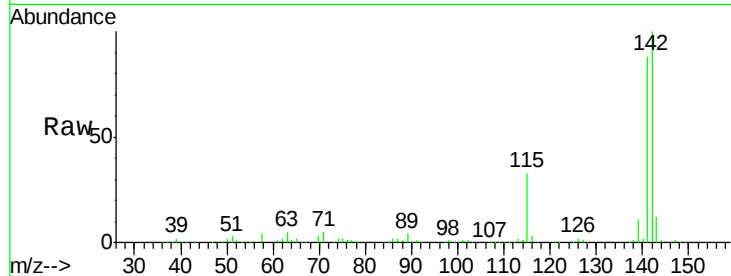




#37
 2-Methylnaphthalene
 Concen: 40.19 ng
 RT: 8.50 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

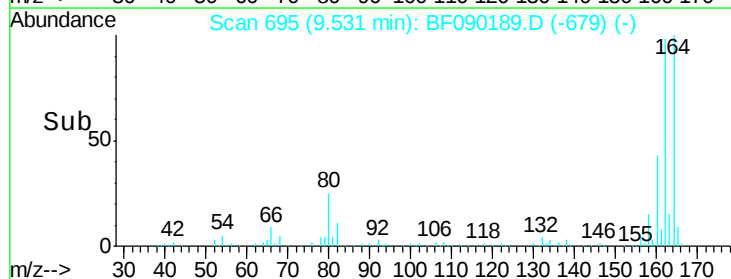
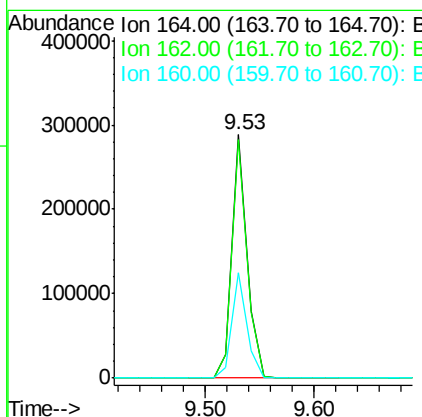
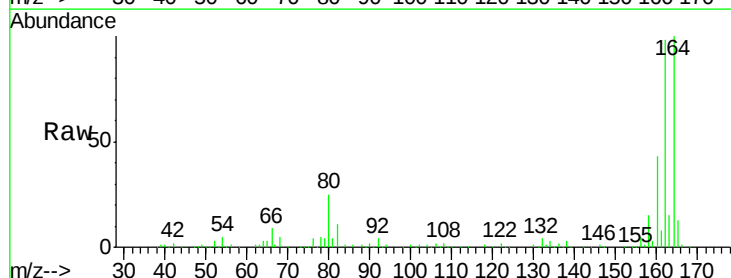
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

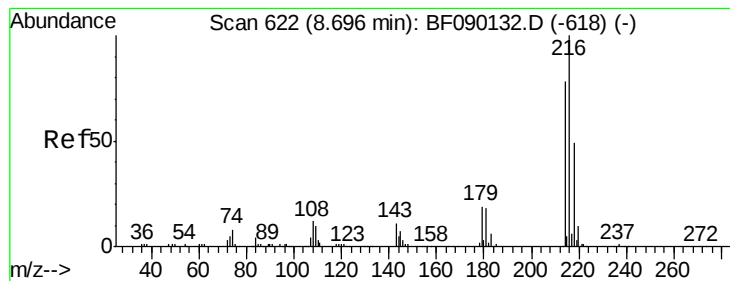
Tgt Ion:142 Resp: 627156
 Ion Ratio Lower Upper
 142 100
 141 88.0 71.4 107.2
 115 33.5 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Tgt Ion:164 Resp: 274193
 Ion Ratio Lower Upper
 164 100
 162 98.2 81.4 122.2
 160 43.3 36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.00 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

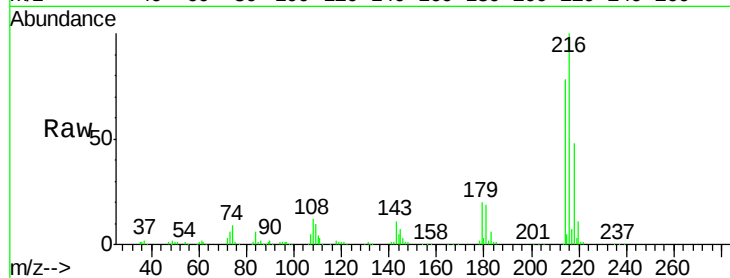
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	216	Resp:	270617
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.7	95.5
179	21.5	18.5	27.7
108	19.4	19.5	29.3#

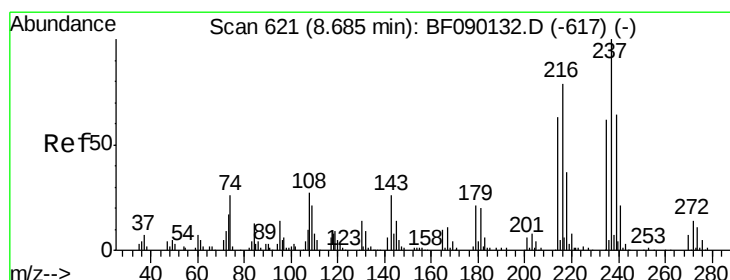
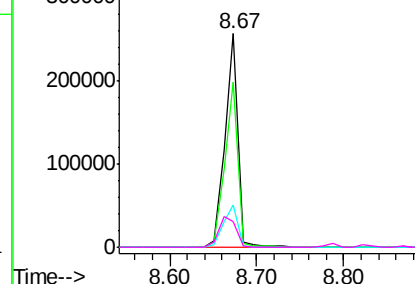
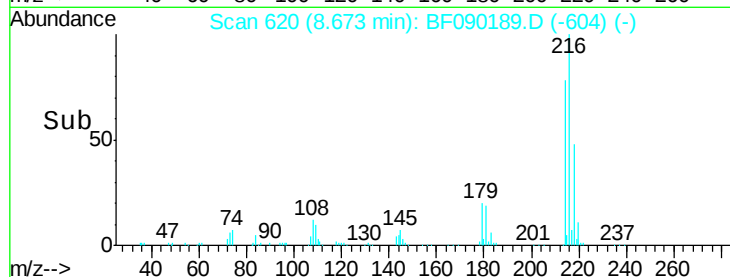


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.88 ng

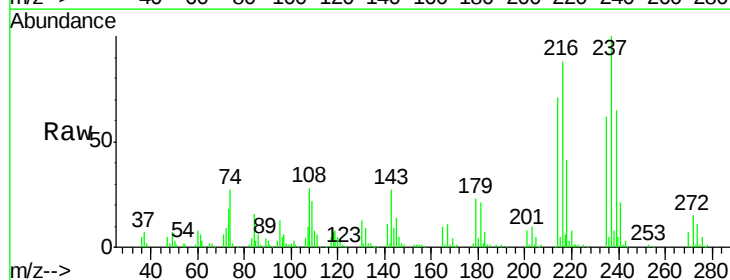
RT: 8.66 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

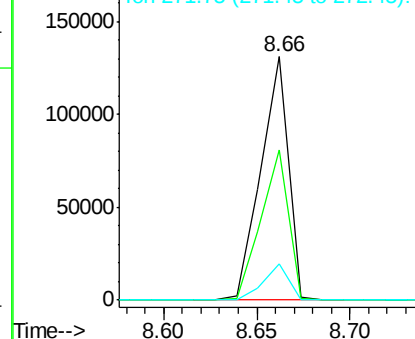
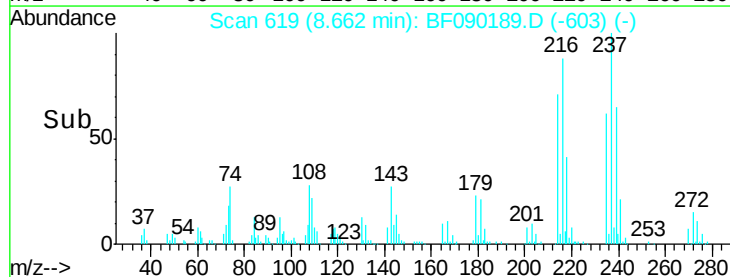
Tgt Ion:	237	Resp:	133171
Ion	Ratio	Lower	Upper
237	100		
235	61.5	42.5	82.5
272	14.7	0.0	32.0

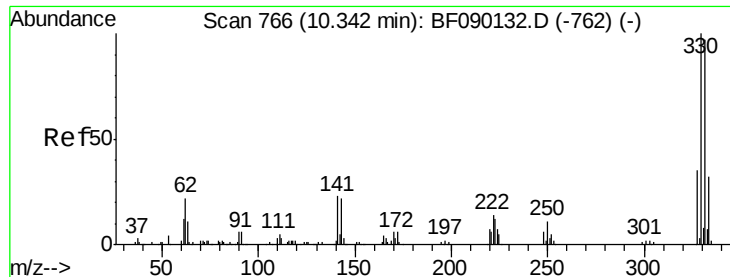


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

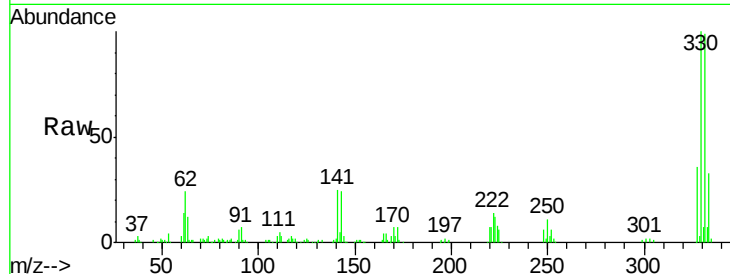




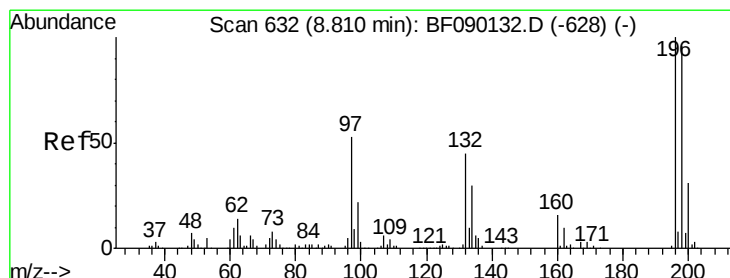
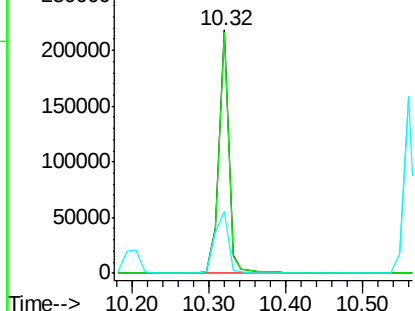
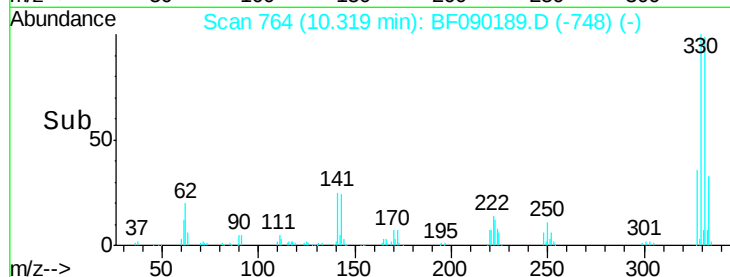
#41
 2,4,6-Tribromophenol
 Concen: 84.45 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.0	78.1	117.1
141	34.2	23.9	35.9

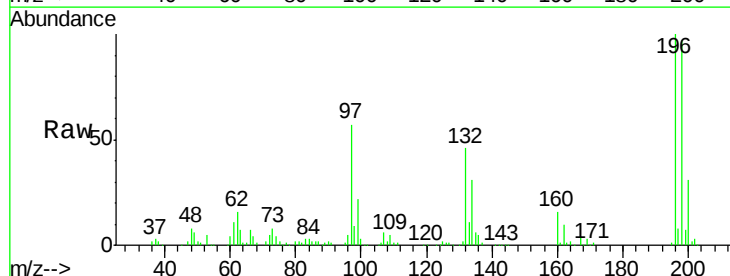


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

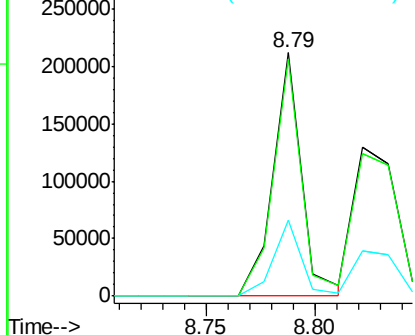
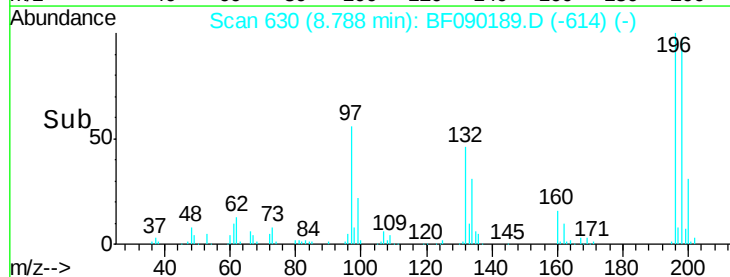


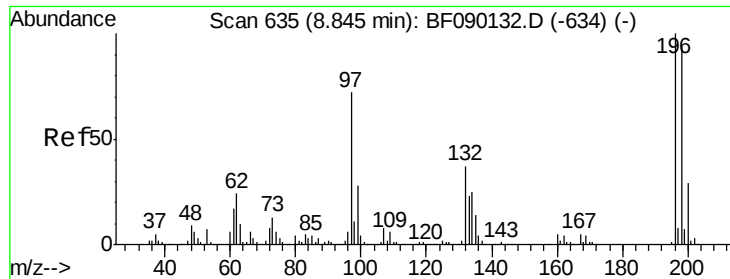
#42
 2,4,6-Trichlorophenol
 Concen: 43.53 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.3	114.5
200	30.9	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

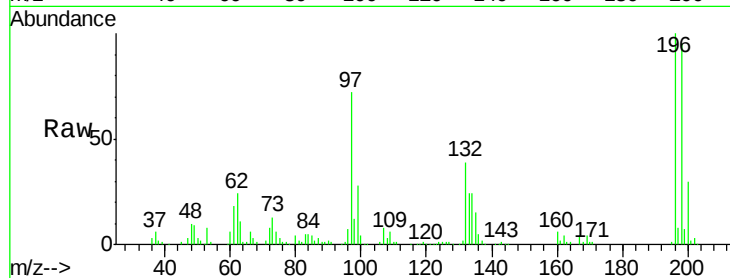




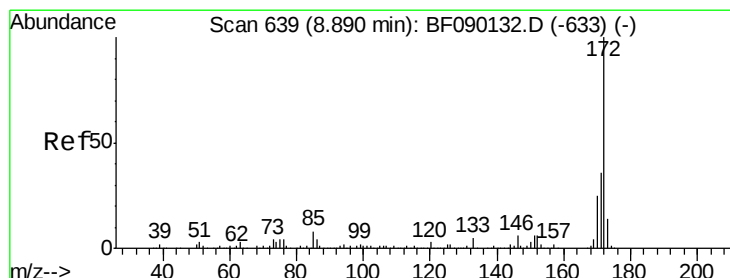
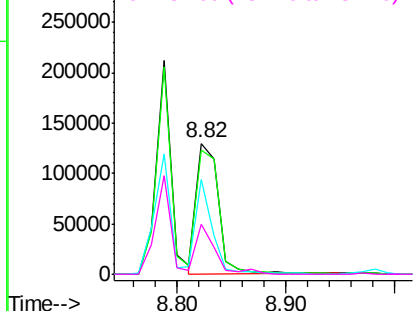
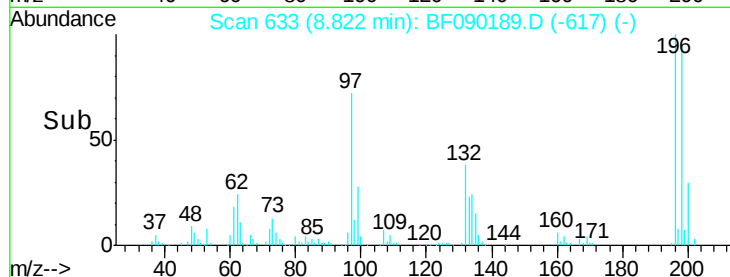
#43
 2,4,5-Trichlorophenol
 Concen: 39.46 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 183249
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.6 114.8
 97 72.3 34.4 51.6#
 132 38.6 22.2 33.2#

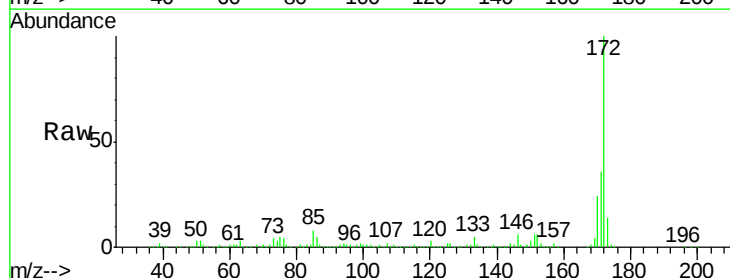


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

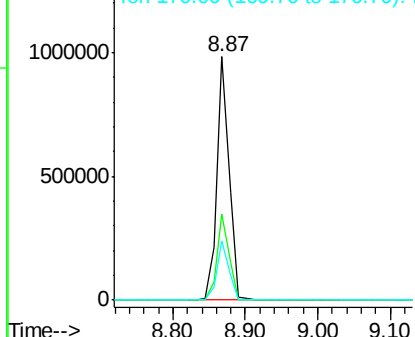
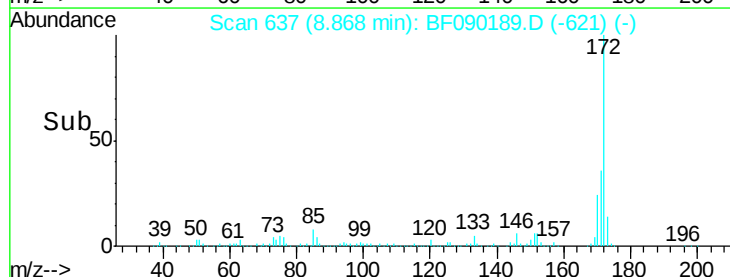


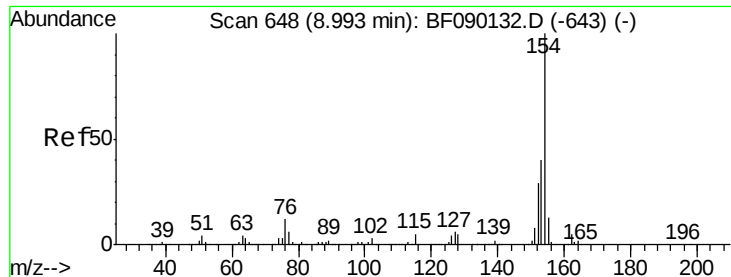
#44
 2-Fluorobiphenyl
 Concen: 82.31 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Tgt Ion:172 Resp: 1149581
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.2 43.8
 170 24.3 19.8 29.8



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

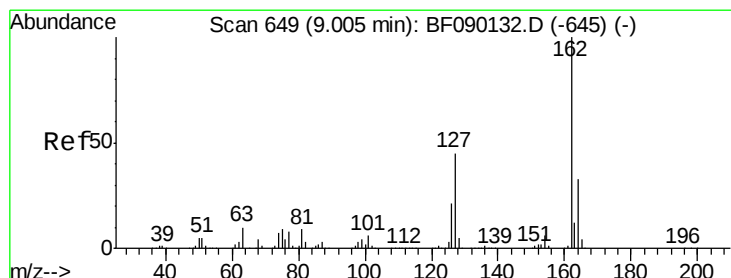
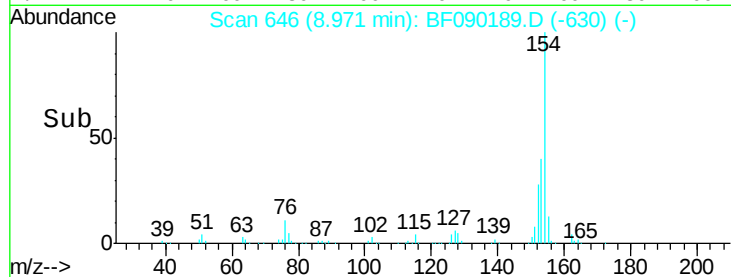
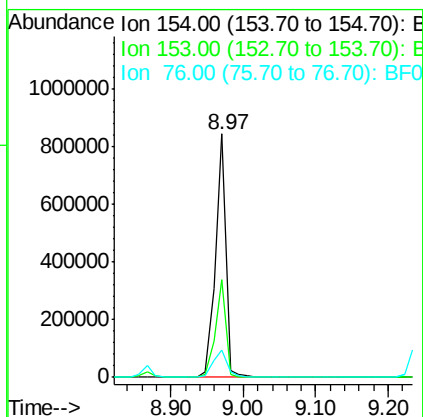
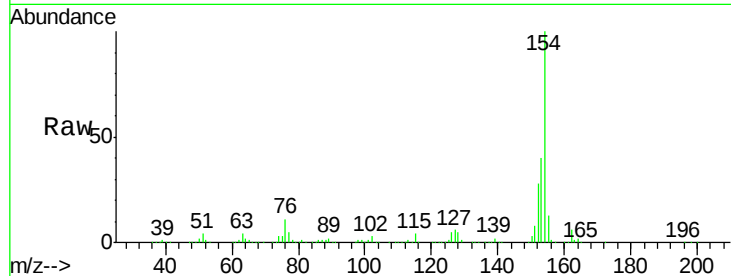




#45
 1,1'-Biphenyl
 Concen: 42.93 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

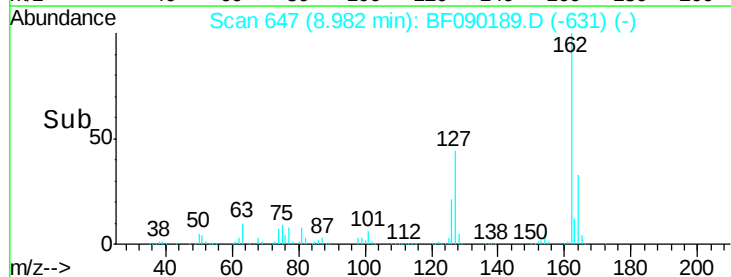
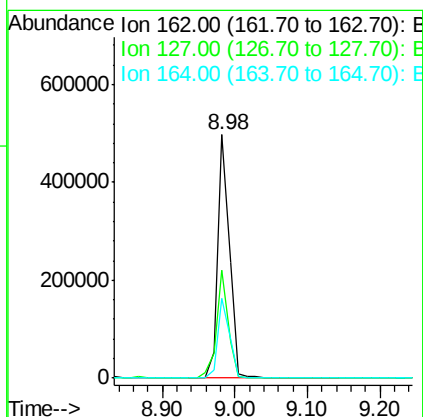
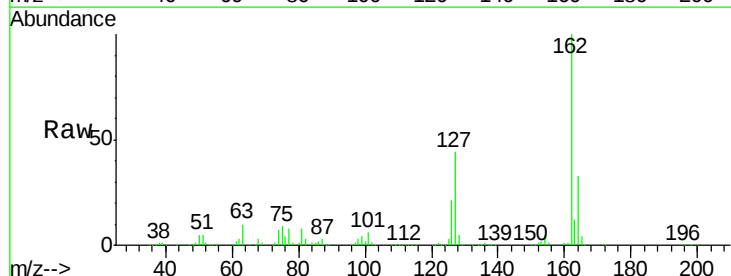
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

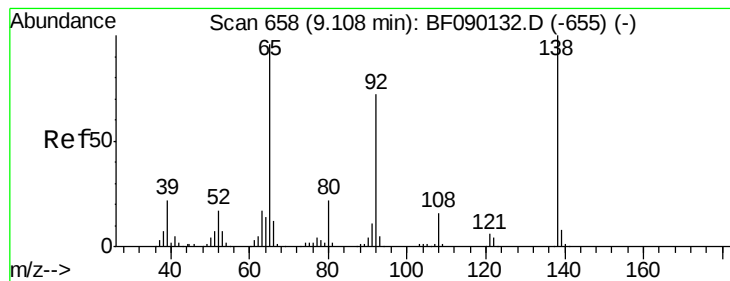
Tgt Ion:154 Resp: 842205
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.6 60.6
 76 11.1 0.0 36.7



#46
 2-Chloronaphthalene
 Concen: 38.67 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Tgt Ion:162 Resp: 559577
 Ion Ratio Lower Upper
 162 100
 127 44.3 34.0 51.0
 164 32.8 26.8 40.2





#47

2-Nitroaniline

Concen: 37.44 ng

RT: 9.08 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

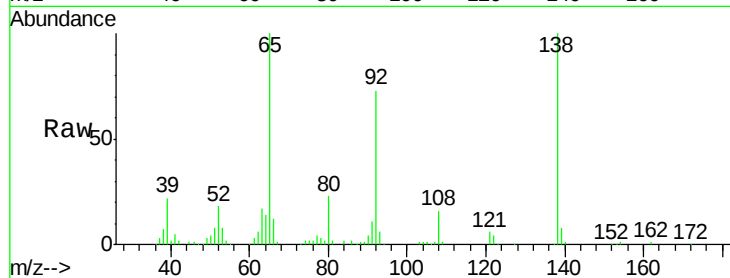
Tgt Ion: 65 Resp: 163375

Ion Ratio Lower Upper

65 100

92 73.0 66.1 99.1

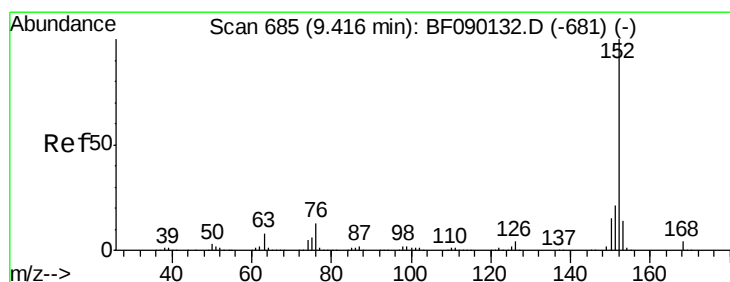
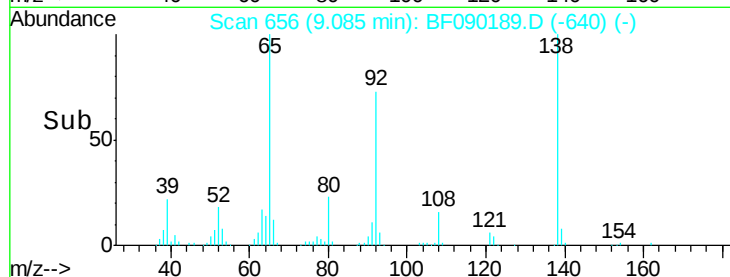
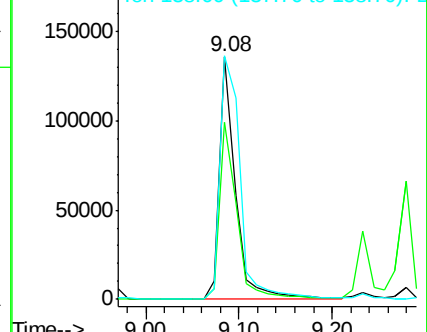
138 100.4 104.1 156.1#



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: 39.32 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

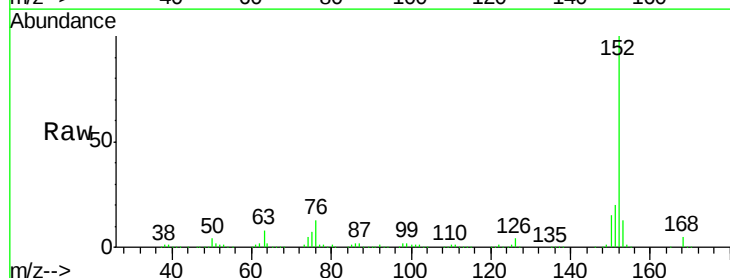
Tgt Ion: 152 Resp: 924006

Ion Ratio Lower Upper

152 100

151 20.5 16.5 24.7

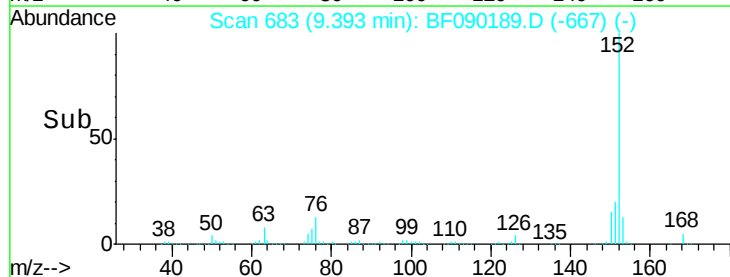
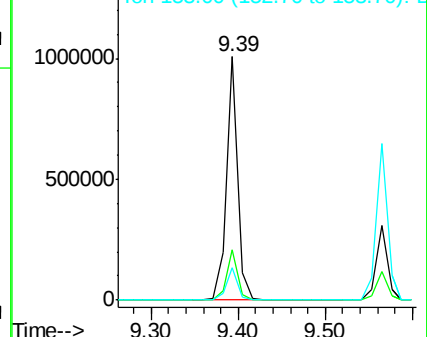
153 13.3 10.6 15.8

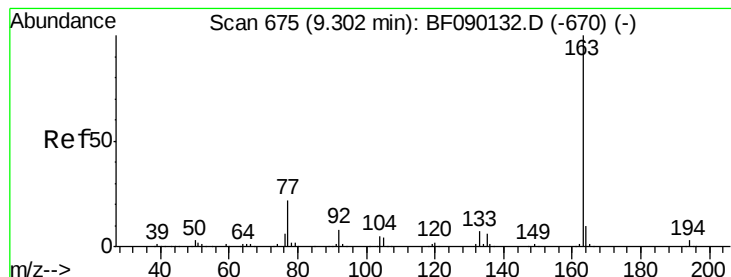


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.47 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

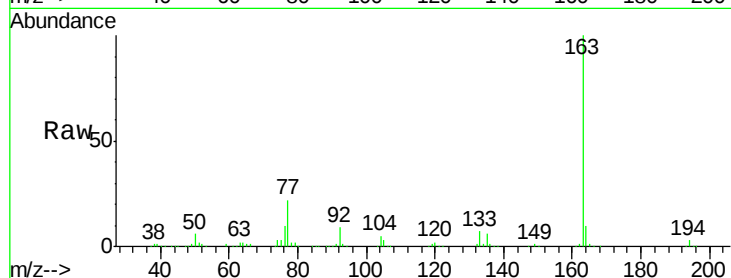
Tgt Ion:163 Resp: 671902

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

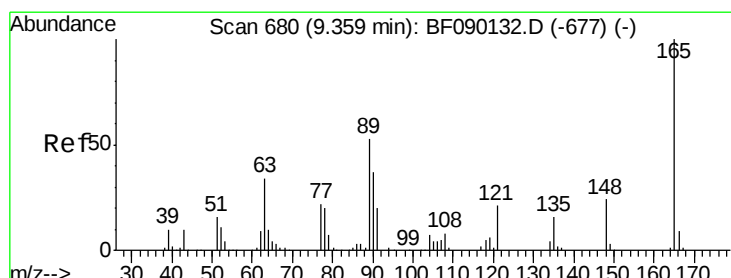
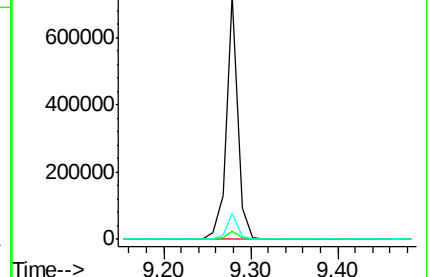
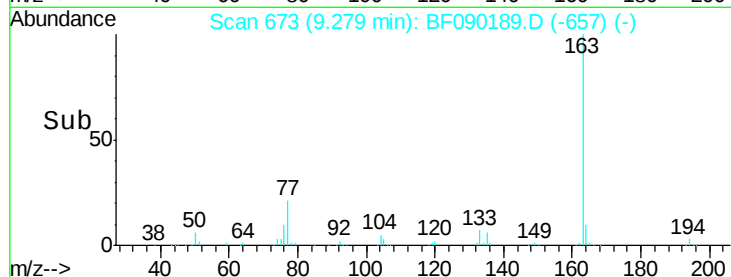
164 10.4 8.1 12.1



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: 41.53 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

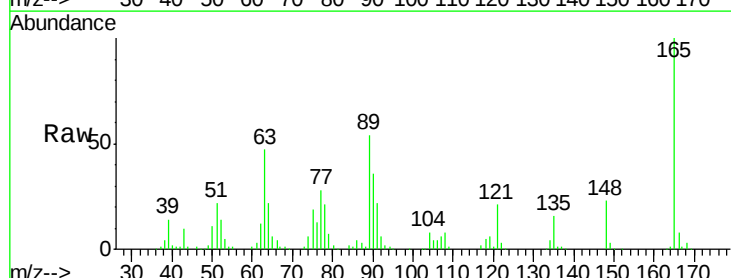
Tgt Ion:165 Resp: 161662

Ion Ratio Lower Upper

165 100

63 46.9 49.9 74.9#

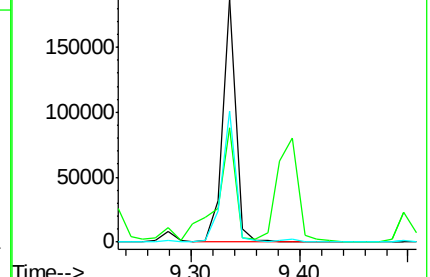
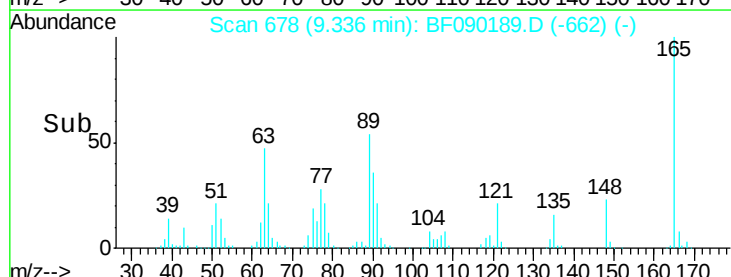
89 53.8 51.0 76.4

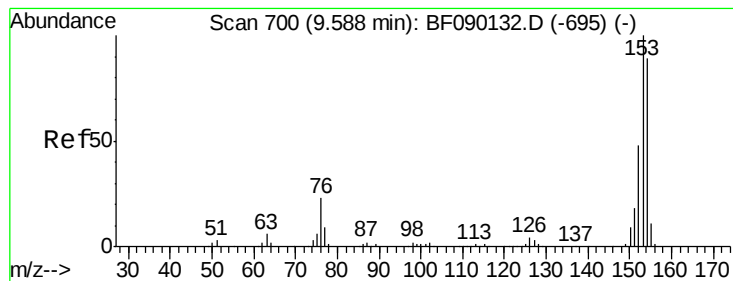


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.86 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

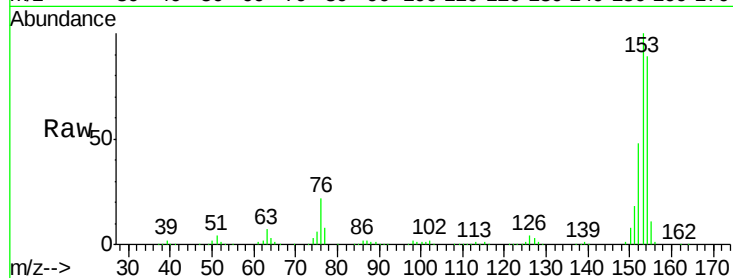
Tgt Ion:154 Resp: 528148

Ion Ratio Lower Upper

154 100

153 112.2 90.8 136.2

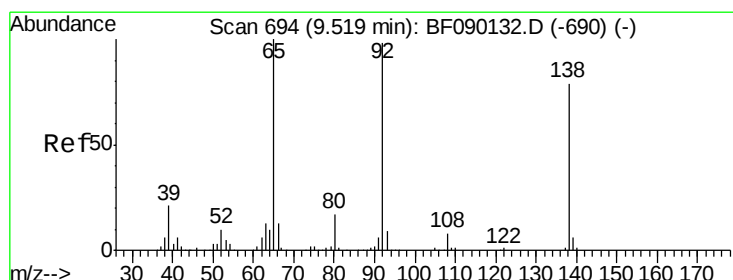
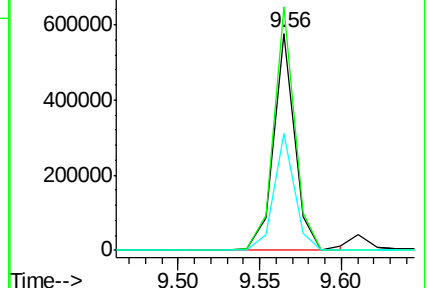
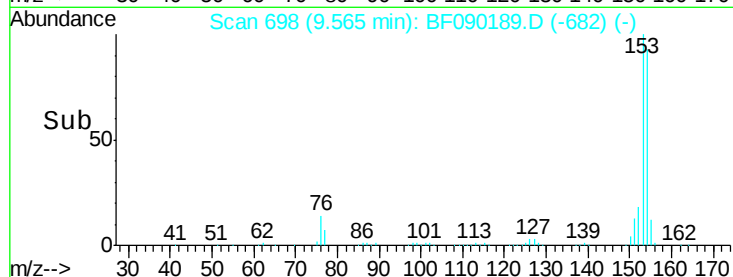
152 53.8 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.43 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

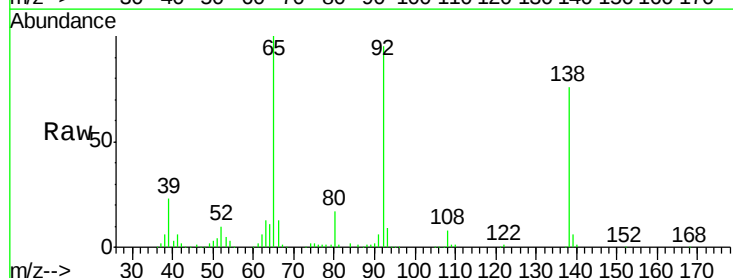
Tgt Ion:138 Resp: 170812

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.6

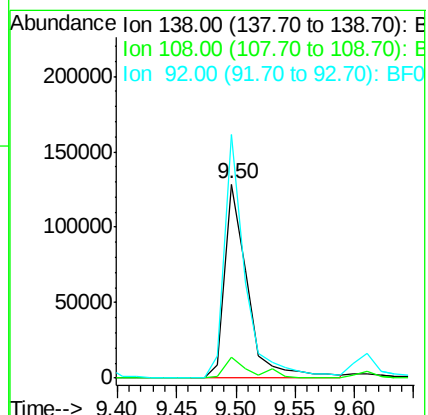
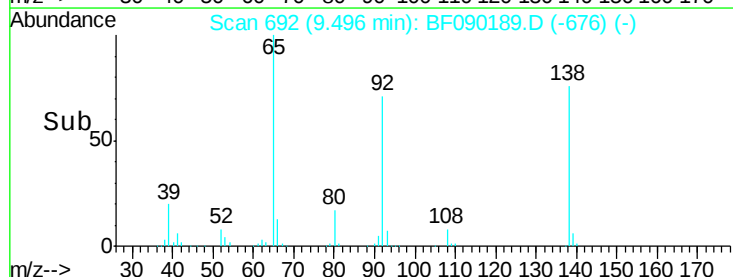
92 125.4 90.7 136.1

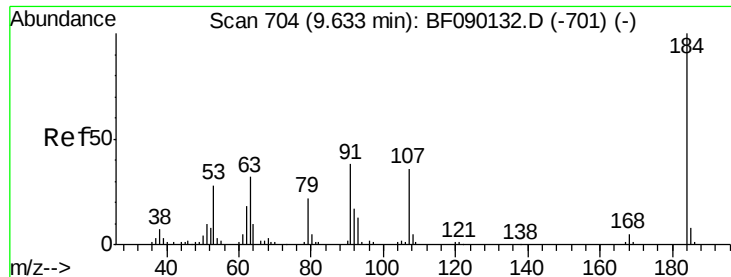


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

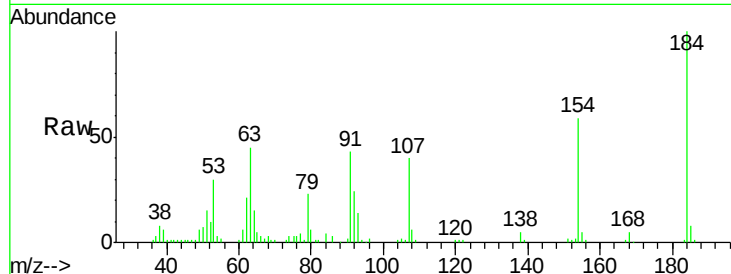




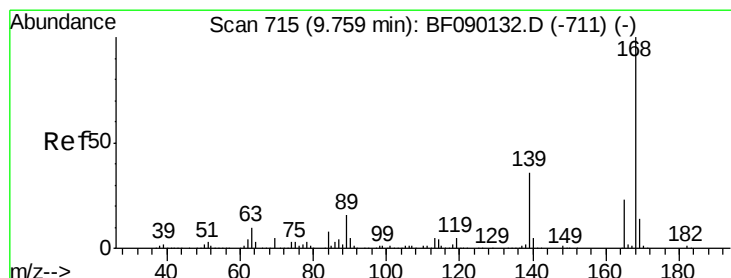
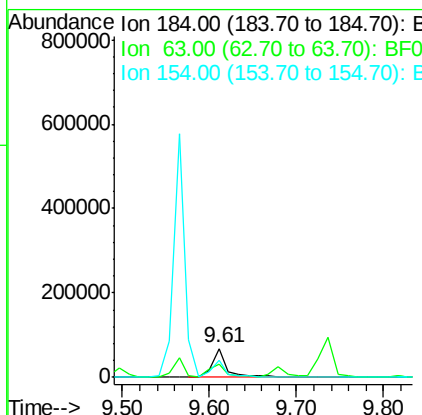
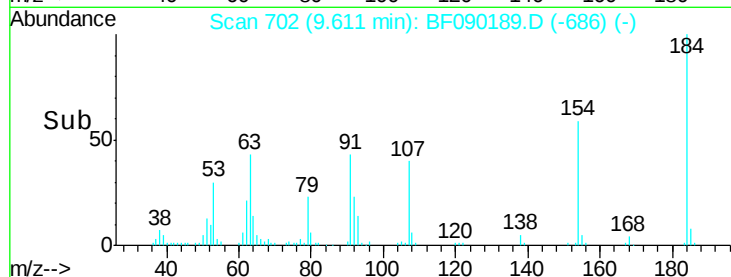
#53
 2,4-Dinitrophenol
 Concen: 40.09 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 83732
 Ion Ratio Lower Upper
 184 100
 63 44.6 44.6 67.0
 154 58.8 49.7 74.5

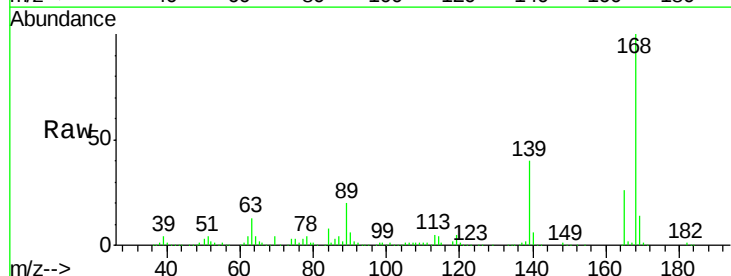


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

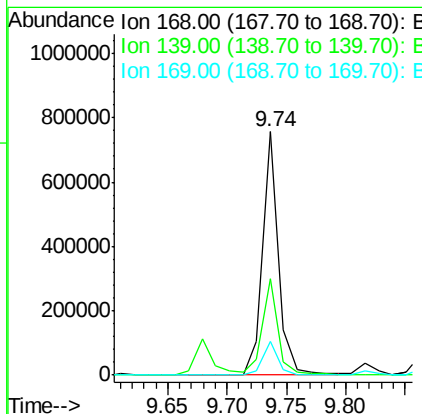
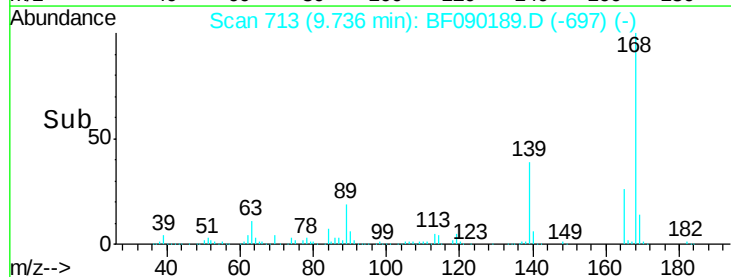


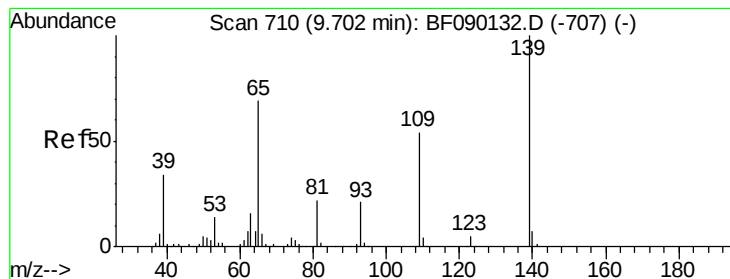
#54
 Dibenzofuran
 Concen: 39.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Tgt Ion:168 Resp: 716044
 Ion Ratio Lower Upper
 168 100
 139 39.5 28.8 43.2
 169 13.8 10.7 16.1



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: 39.54 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

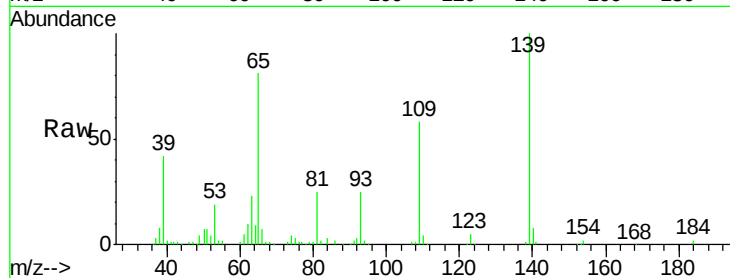
Tgt Ion:139 Resp: 123613

Ion Ratio Lower Upper

139 100

109 57.7 35.6 75.6

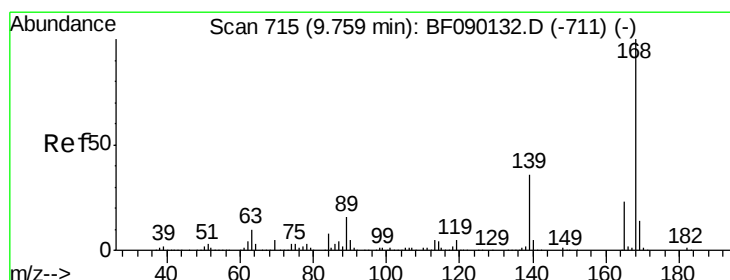
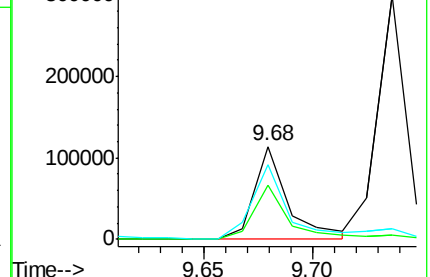
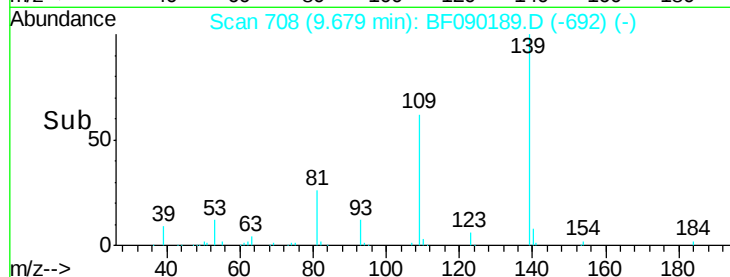
65 81.0 55.5 95.5



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



#56

2,4-Dinitrotoluene

Concen: 42.90 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Tgt Ion:165 Resp: 197462

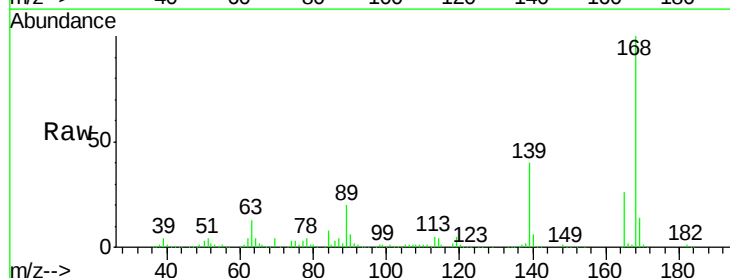
Ion Ratio Lower Upper

165 100

63 48.5 44.4 66.6

89 74.9 70.1 105.1

182 2.2 1.7 2.5

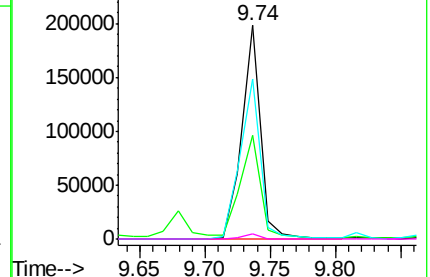
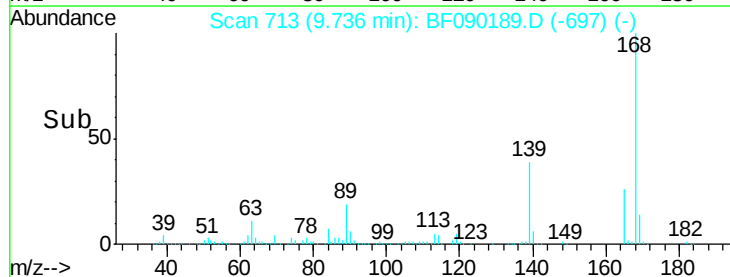


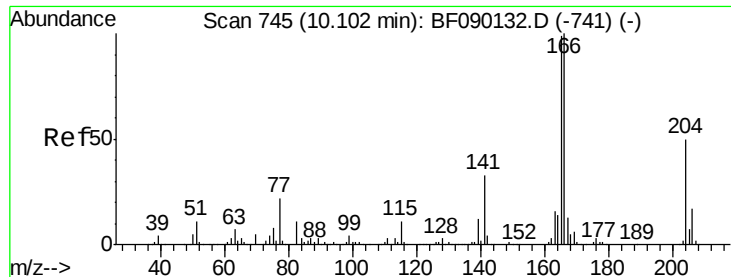
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

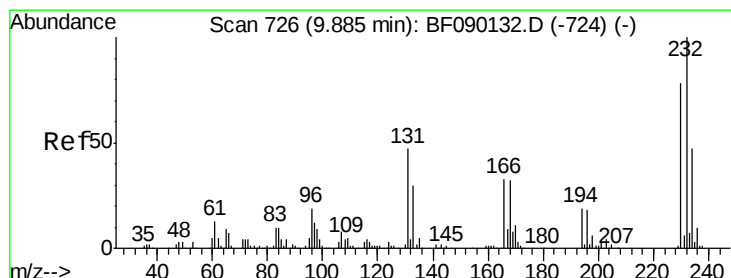
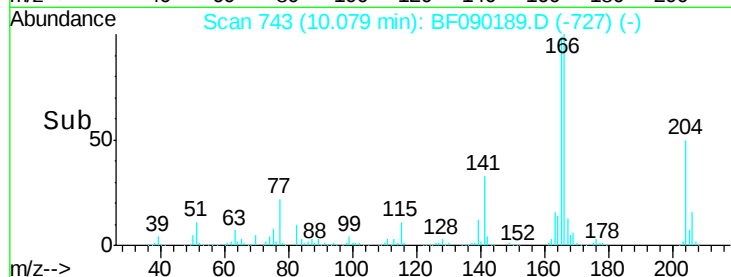
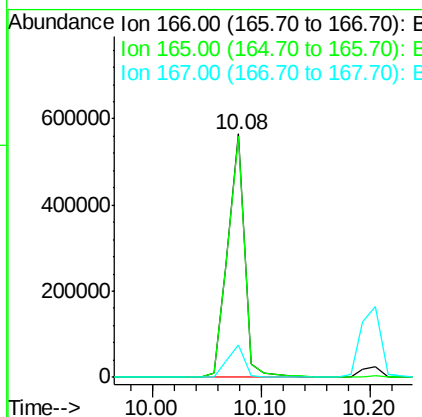
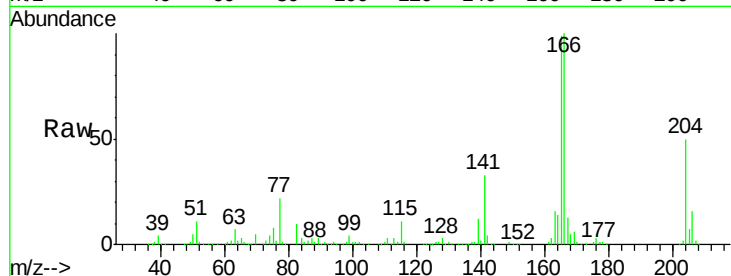




#57
Fluorene
 Concen: 43.82 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

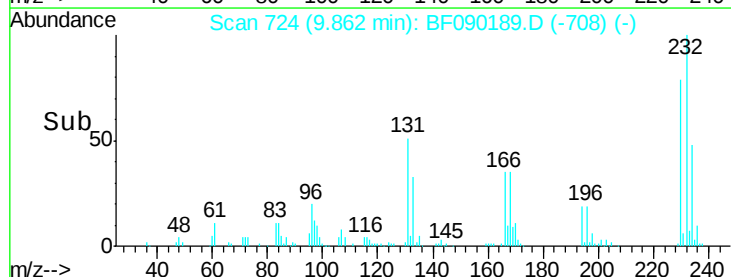
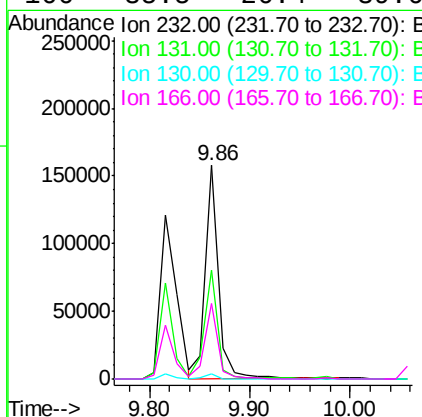
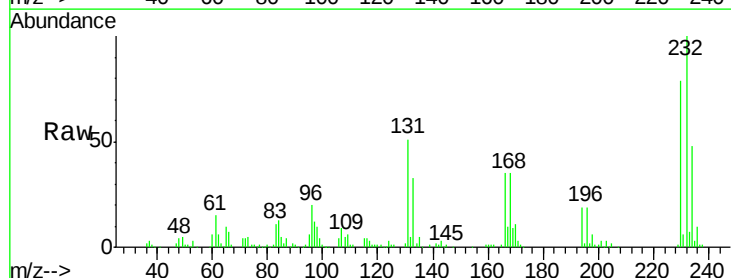
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

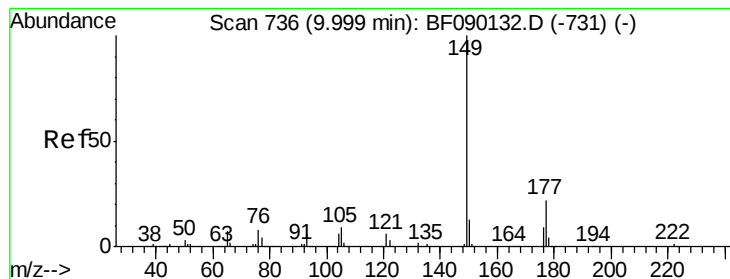
Tgt Ion:166 Resp: 606230
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.5 117.7
 167 13.3 11.2 16.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.39 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Tgt Ion:232 Resp: 143903
 Ion Ratio Lower Upper
 232 100
 131 51.1 42.2 63.4
 130 2.2 1.9 2.9
 166 35.5 26.4 39.6





#59

Diethylphthalate

Concen: 42.24 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

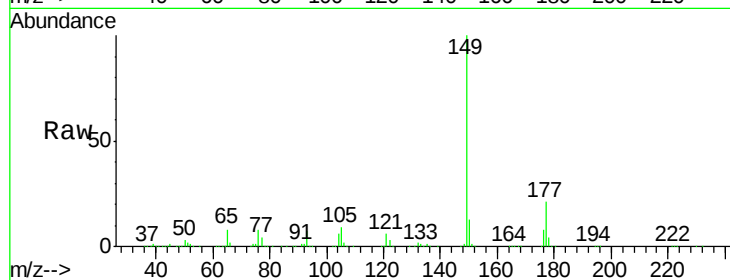
Tgt Ion:149 Resp: 712356

Ion Ratio Lower Upper

149 100

177 21.1 15.8 23.6

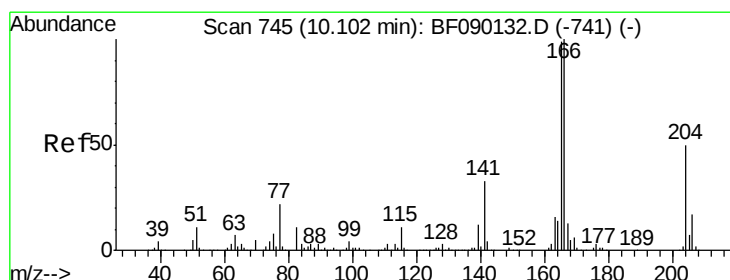
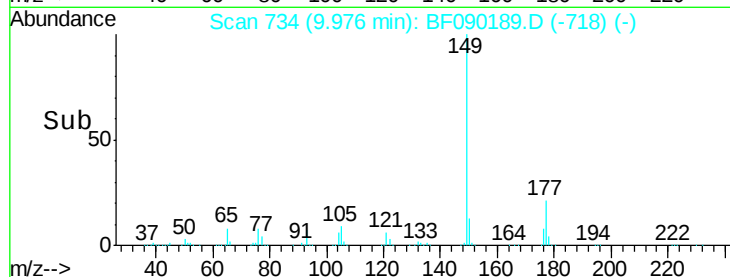
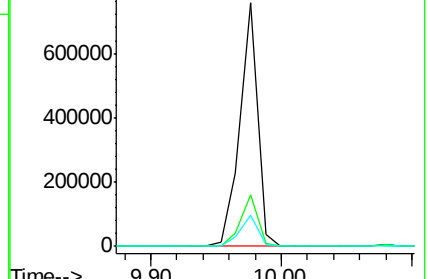
150 12.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.47 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

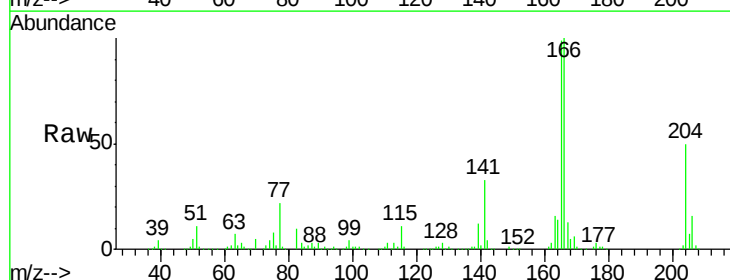
Tgt Ion:204 Resp: 255360

Ion Ratio Lower Upper

204 100

206 32.7 25.6 38.4

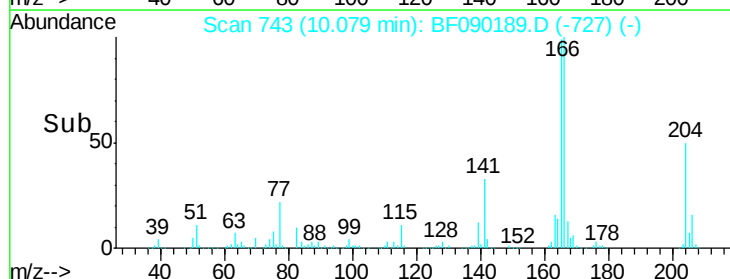
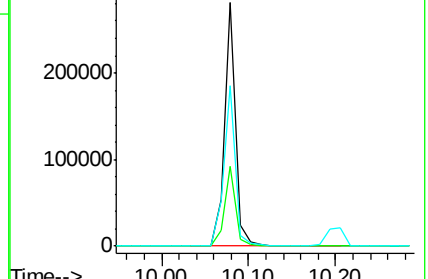
141 66.0 64.4 96.6

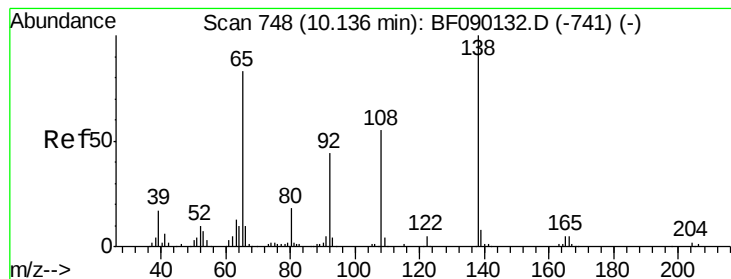


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

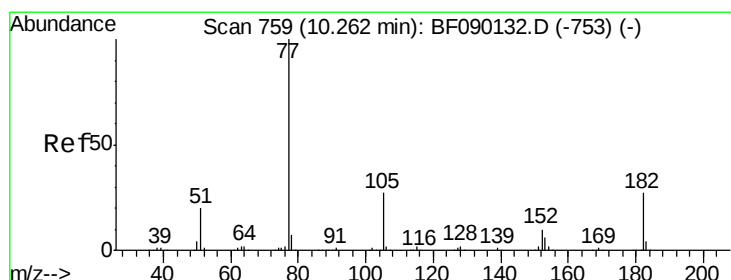
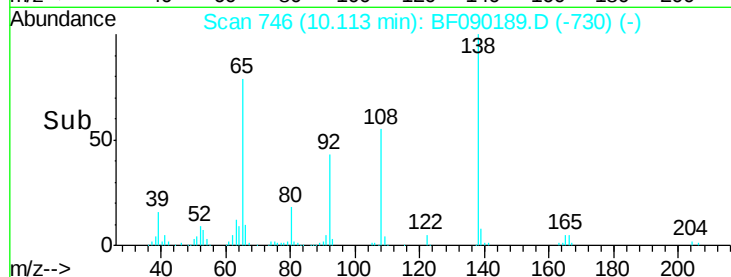
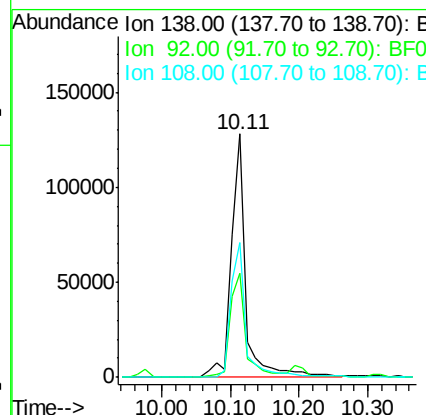
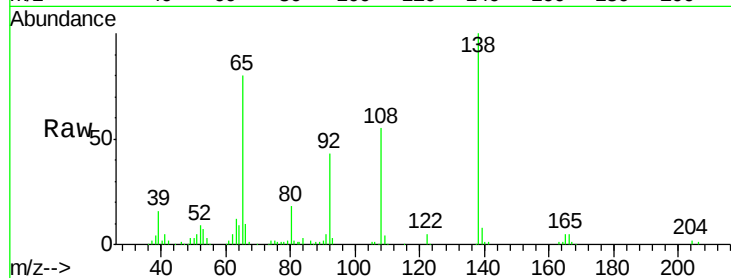




#61
 4-Nitroaniline
 Concen: 40.93 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

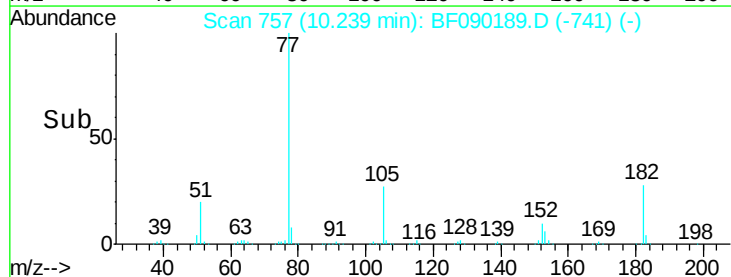
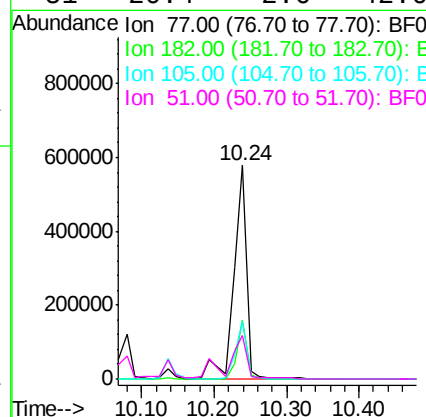
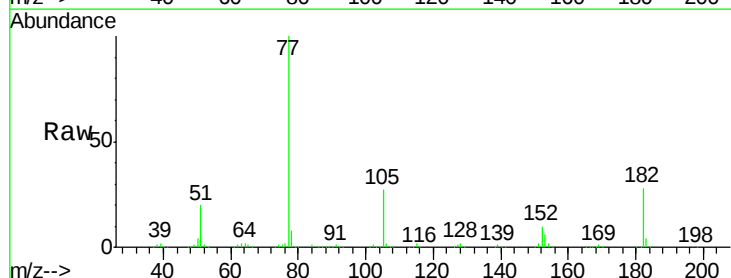
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

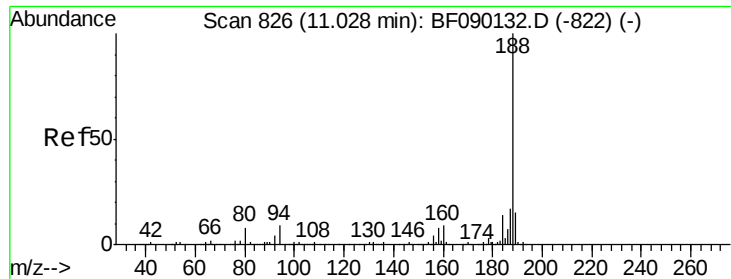
Tgt Ion:	138	Resp:	190385
Ion	Ratio	Lower	Upper
138	100		
92	43.0	23.8	63.8
108	55.3	35.0	75.0



#62
 Azobenzene
 Concen: 39.72 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Tgt Ion:	77	Resp:	697381
Ion	Ratio	Lower	Upper
77	100		
182	27.7	0.0	38.4
105	27.0	3.8	43.8
51	20.4	2.6	42.6

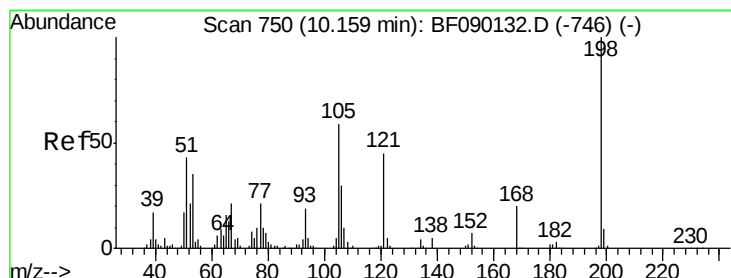
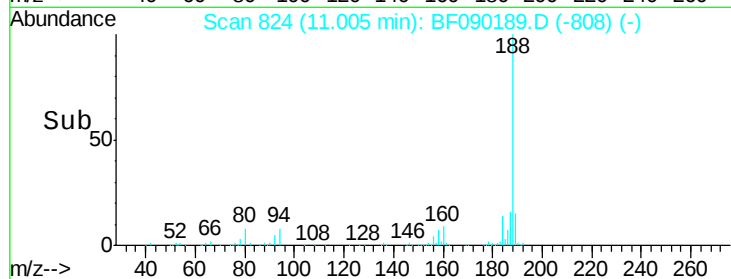
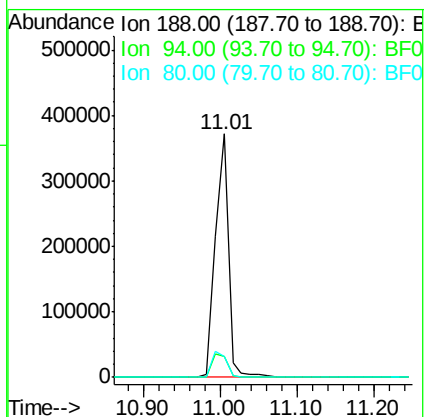
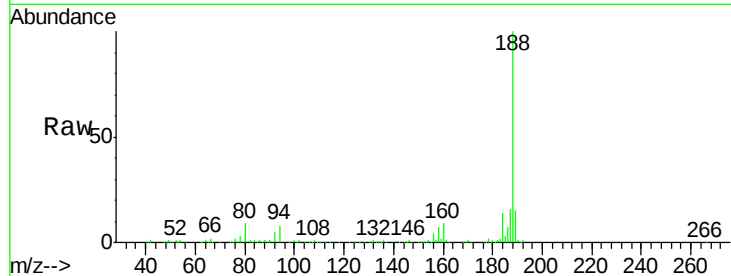




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF090189.D
Acq: 22 Sep 2016 16:15

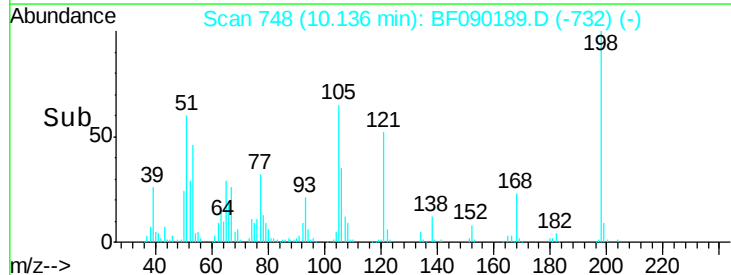
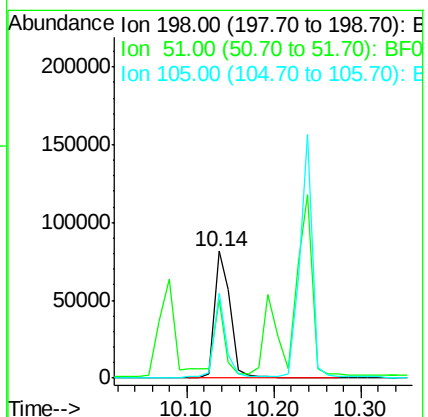
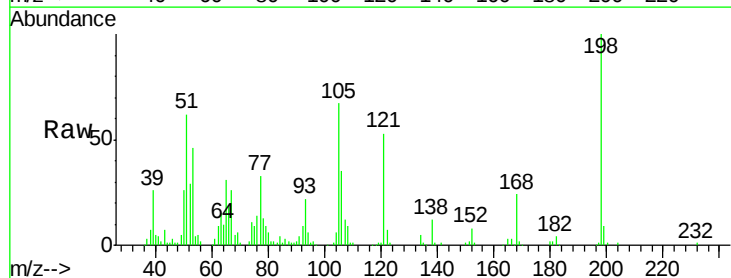
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

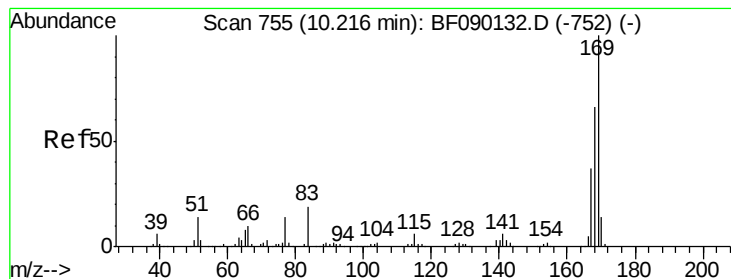
Tgt Ion:188 Resp: 436548
Ion Ratio Lower Upper
188 100
94 8.4 10.5 15.7#
80 8.6 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 38.43 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF090189.D
Acq: 22 Sep 2016 16:15

Tgt Ion:198 Resp: 105084
Ion Ratio Lower Upper
198 100
51 62.0 5.5 45.5#
105 66.8 21.8 61.8#

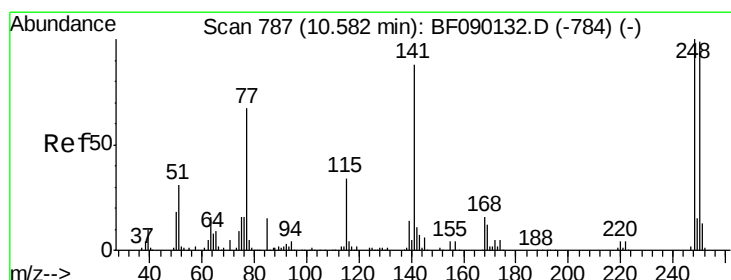
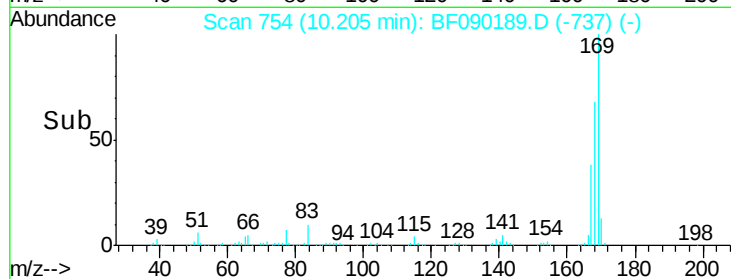
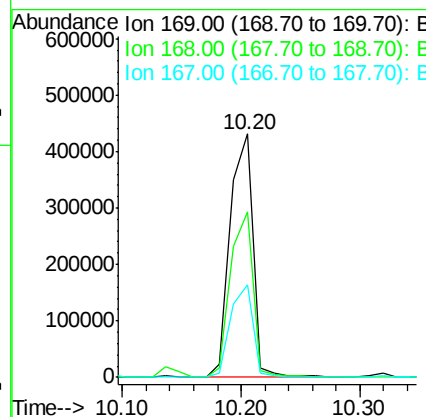
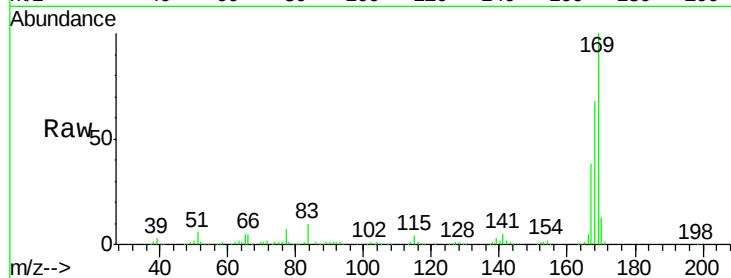




#65
 n-Nitrosodiphenylamine
 Concen: 40.22 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

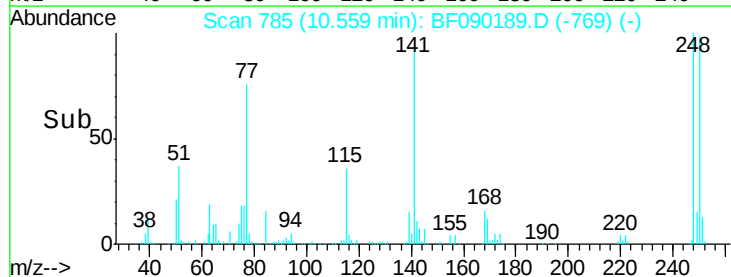
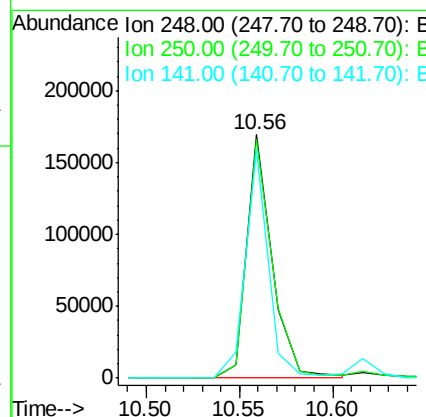
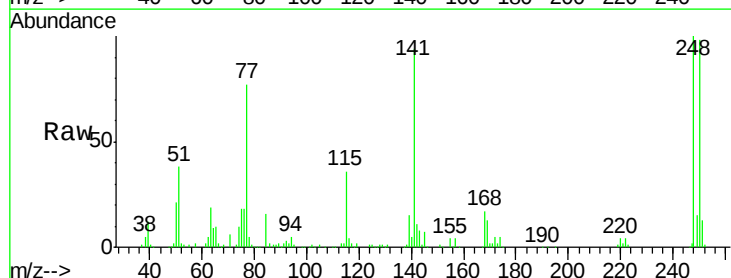
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

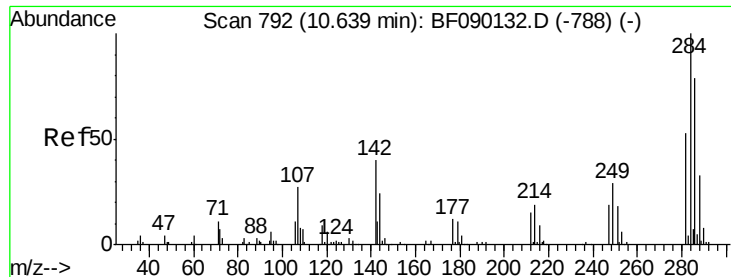
Tgt Ion:169 Resp: 577370
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.2 81.4
 167 37.8 30.3 45.5



#66
 4-Bromophenyl-phenylether
 Concen: 37.58 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Tgt Ion:248 Resp: 161455
 Ion Ratio Lower Upper
 248 100
 250 97.9 79.4 119.2
 141 93.8 49.3 73.9#

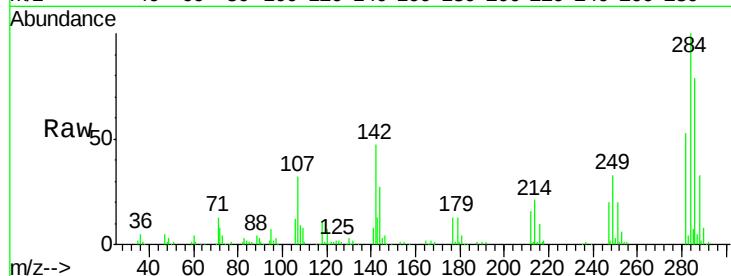




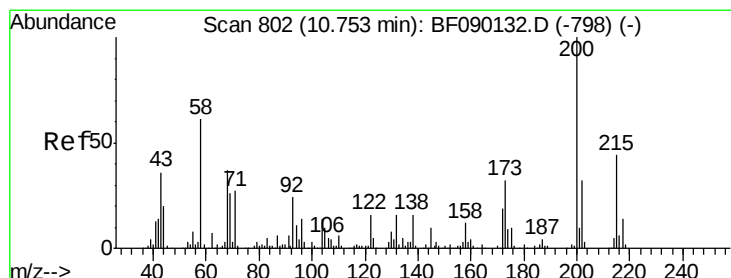
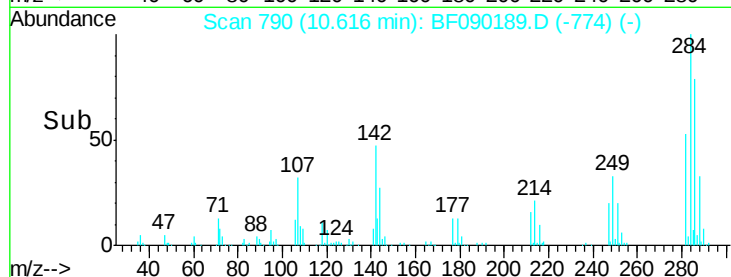
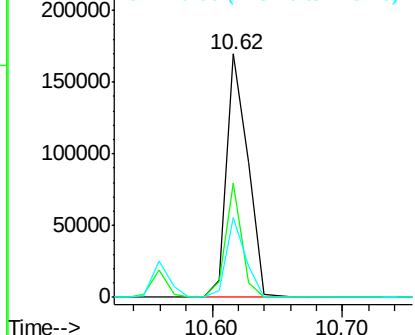
#67
Hexachlorobenzene
Concen: 38.18 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF090189.D
Acq: 22 Sep 2016 16:15

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 191147
Ion Ratio Lower Upper
284 100
142 47.0 24.0 36.0#
249 32.6 23.8 35.6

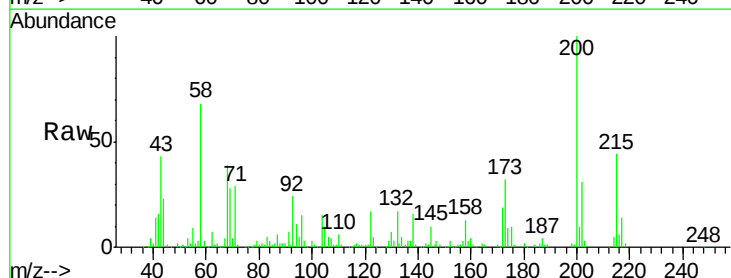


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

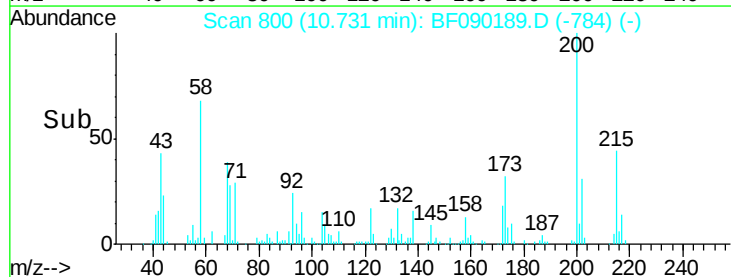
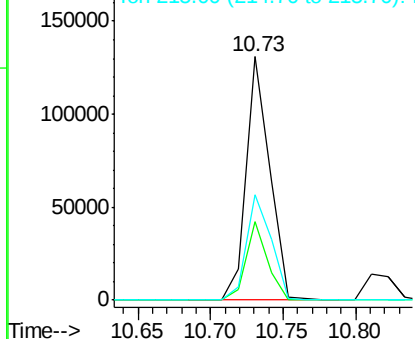


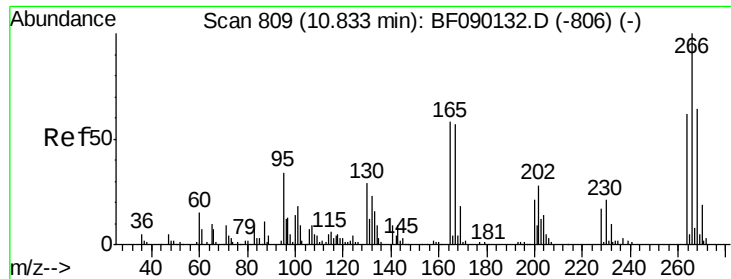
#68
Atrazine
Concen: 37.46 ng
RT: 10.73 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF090189.D
Acq: 22 Sep 2016 16:15

Tgt Ion:200 Resp: 147367
Ion Ratio Lower Upper
200 100
173 32.1 9.3 49.3
215 43.5 26.1 66.1



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

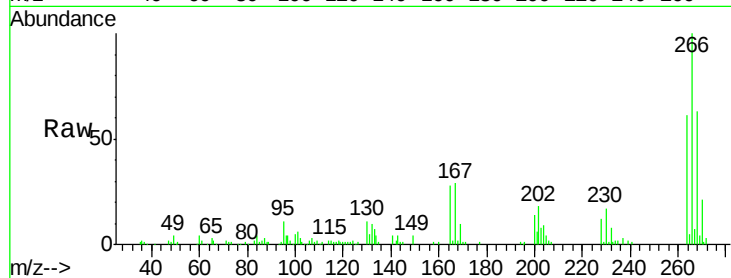




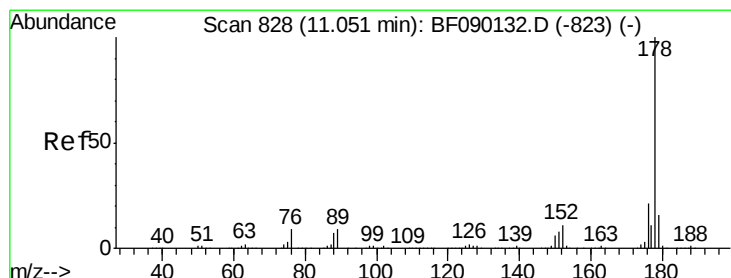
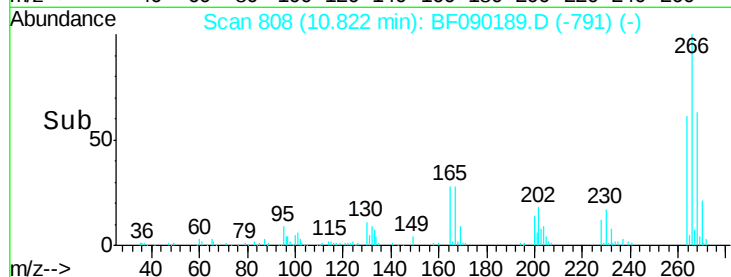
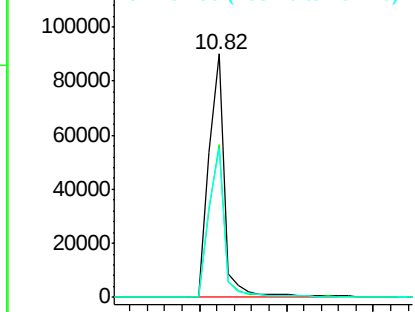
#69
 Pentachlorophenol
 Concen: 40.14 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 114080
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.1 78.1
 264 61.4 50.3 75.5

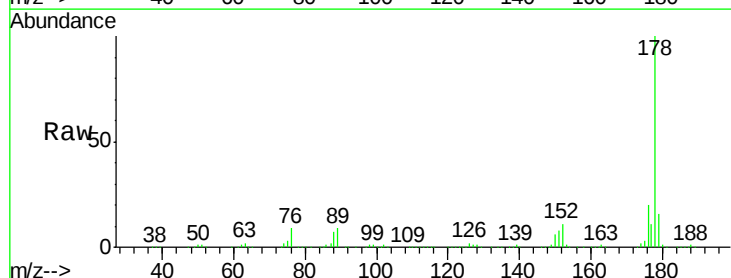


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

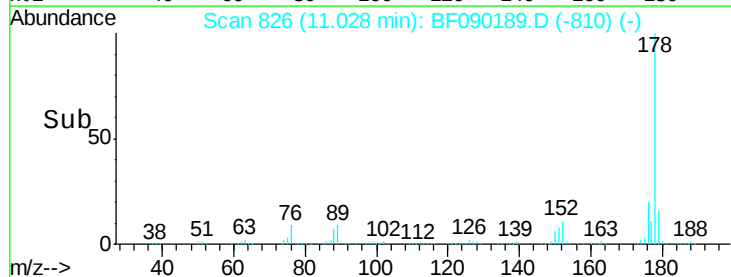
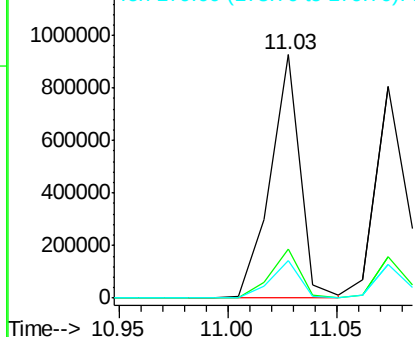


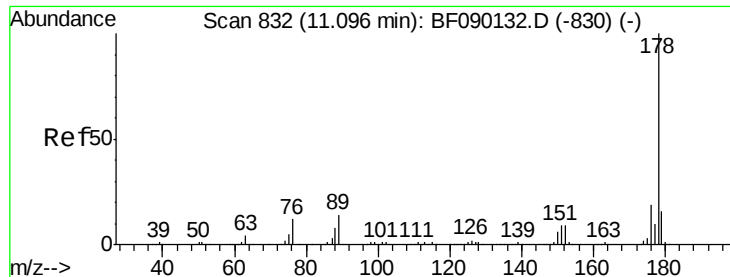
#70
 Phenanthrene
 Concen: 43.48 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Tgt Ion:178 Resp: 887661
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 15.6 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

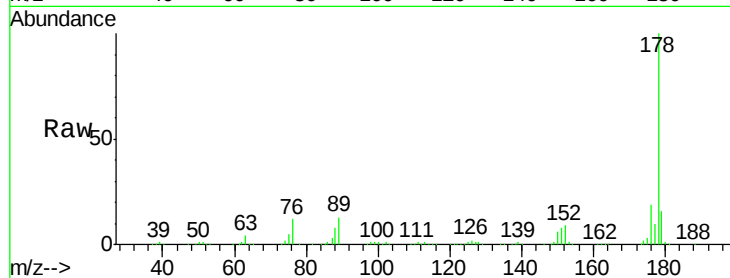




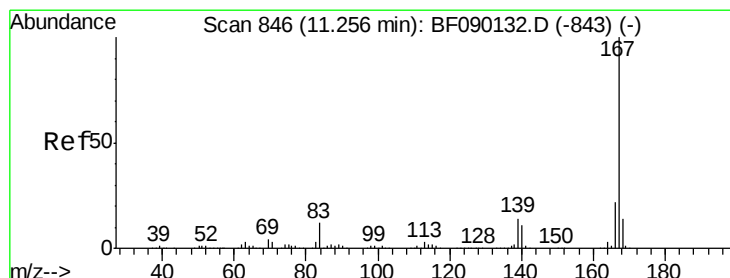
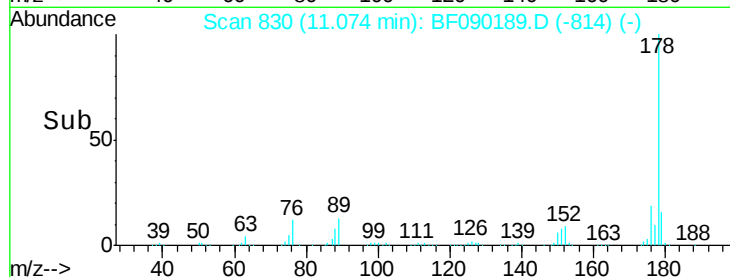
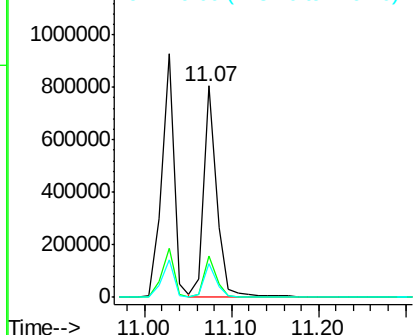
#71
 Anthracene
 Concen: 38.88 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 832562
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.9 12.6 19.0

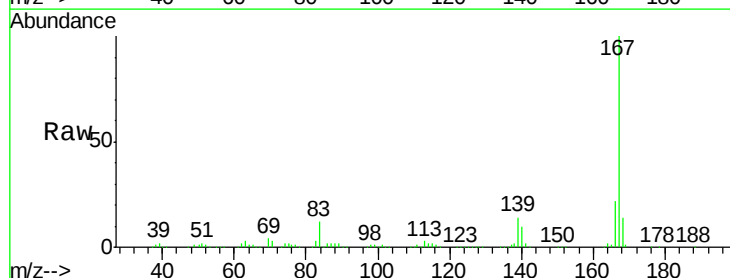


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

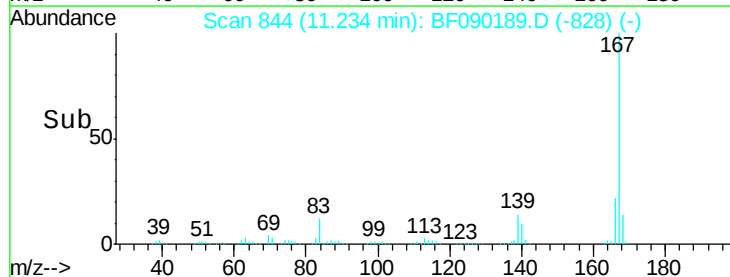
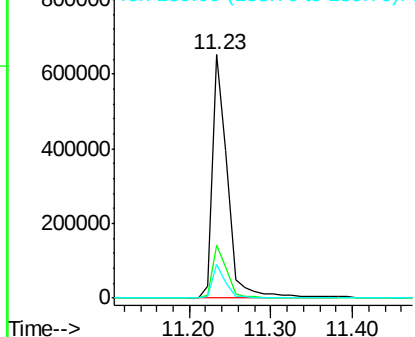


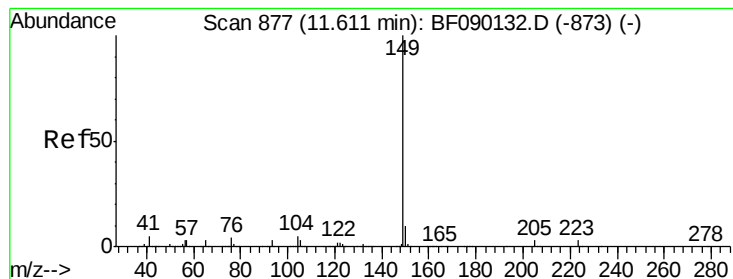
#72
 Carbazole
 Concen: 37.37 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Tgt Ion:167 Resp: 845932
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 14.1 10.4 15.6



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: 41.21 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

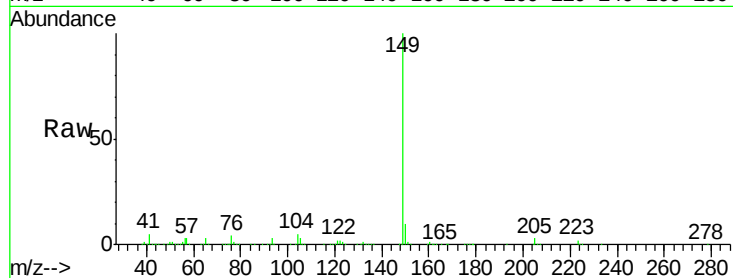
Tgt Ion:149 Resp: 1084654

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

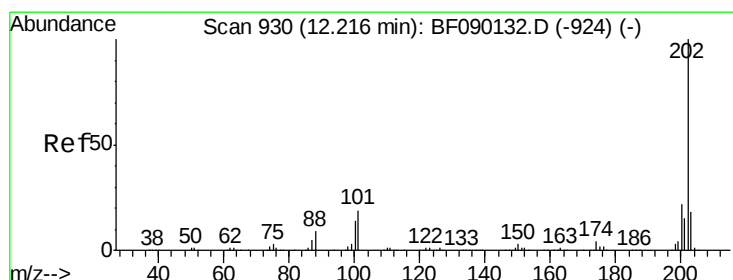
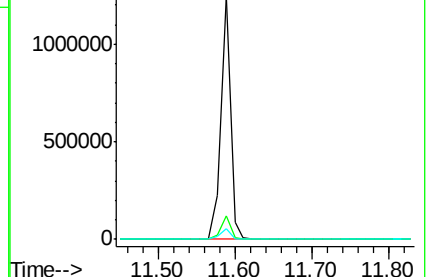
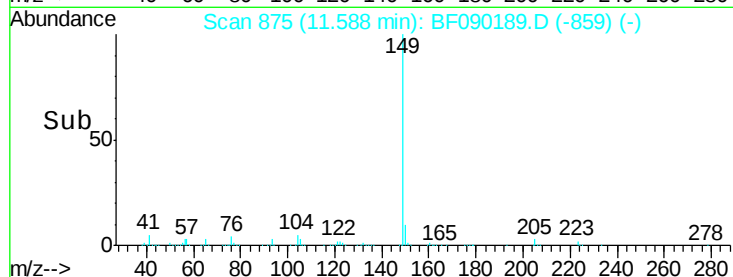
104 4.5 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.77 ng

RT: 12.21 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

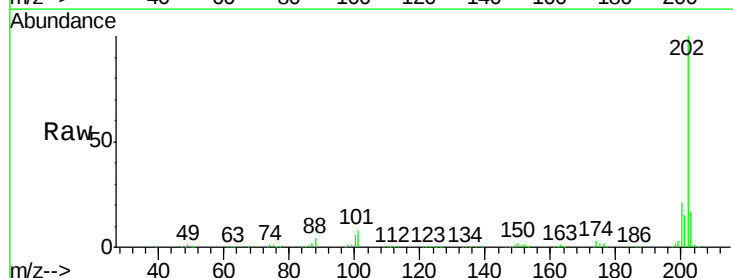
Tgt Ion:202 Resp: 849587

Ion Ratio Lower Upper

202 100

101 8.3 0.0 36.1

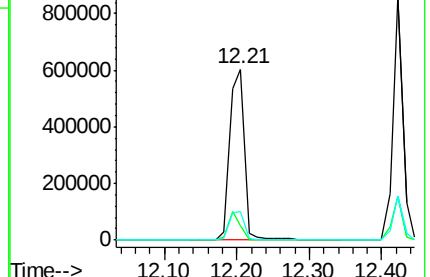
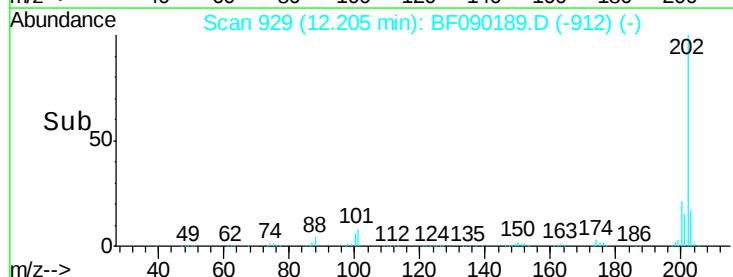
203 17.1 0.0 38.2

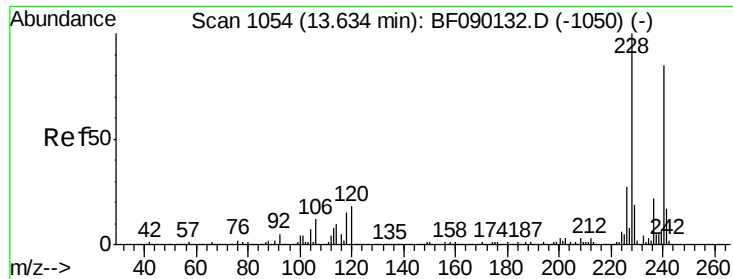


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

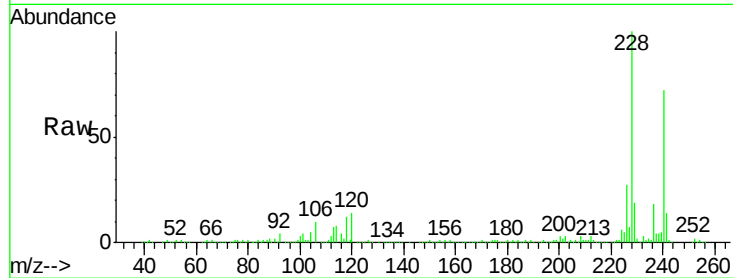
Tgt Ion:240 Resp: 304272

Ion Ratio Lower Upper

240 100

120 19.1 10.6 16.0#

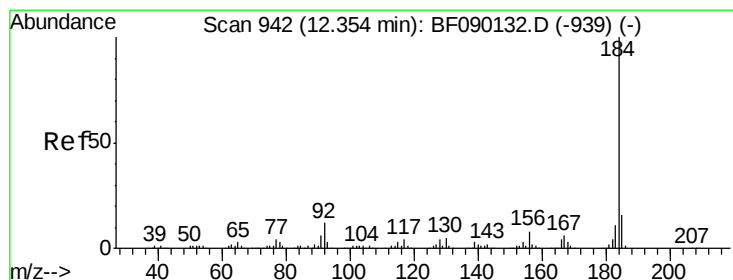
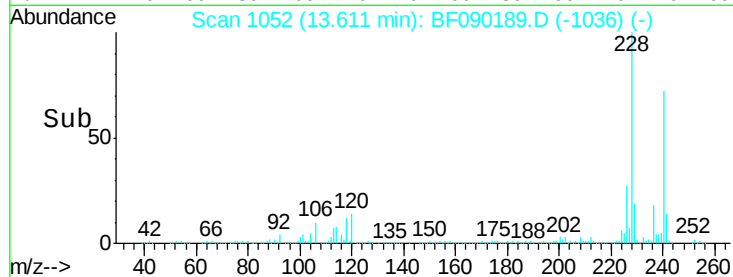
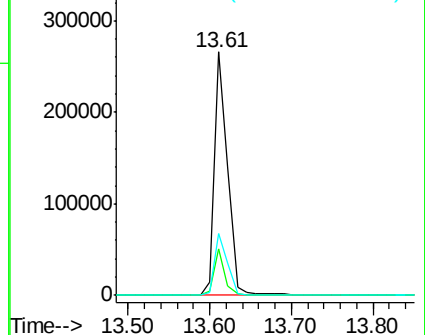
236 25.5 21.6 32.4



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: 40.27 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

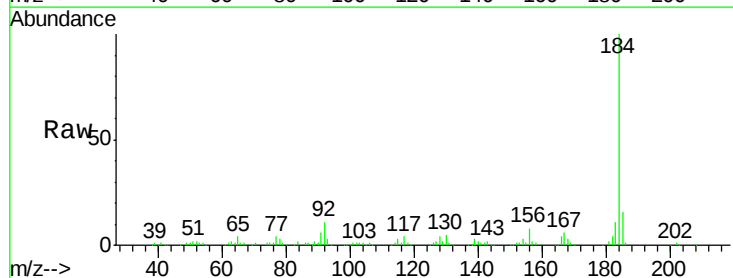
Tgt Ion:184 Resp: 410138

Ion Ratio Lower Upper

184 100

185 15.6 13.2 19.8

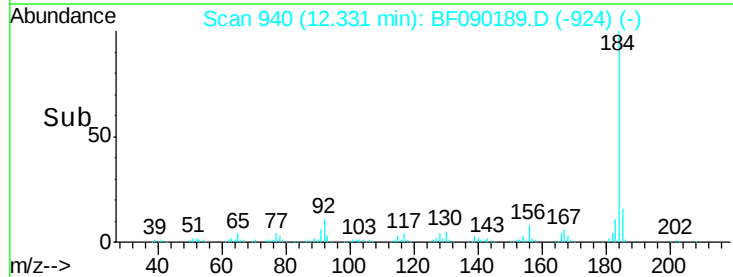
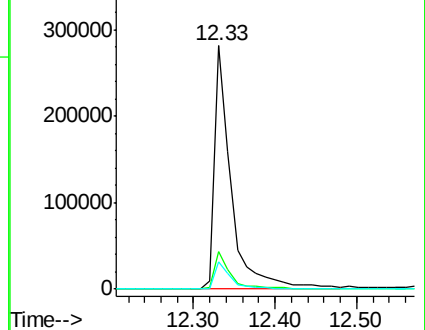
183 11.5 9.2 13.8

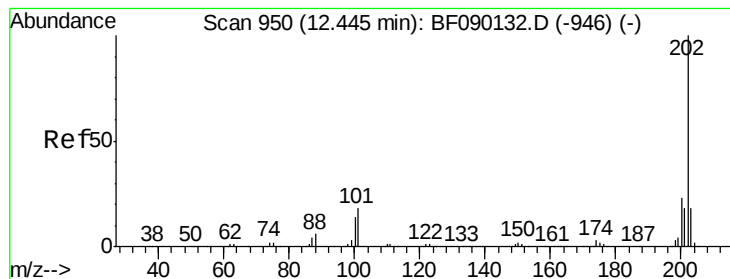


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.28 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

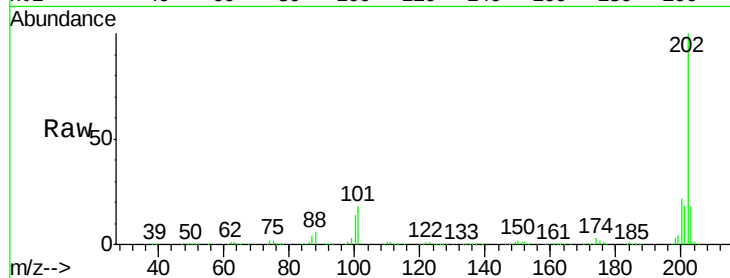
Tgt Ion:202 Resp: 817828

Ion Ratio Lower Upper

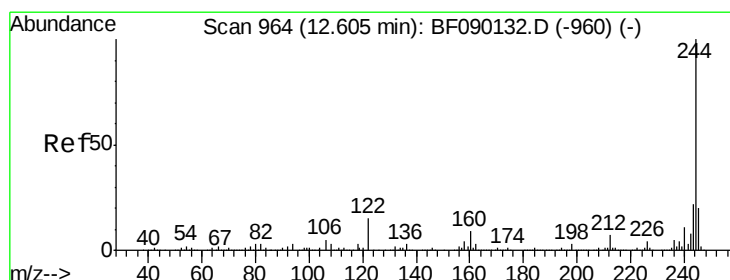
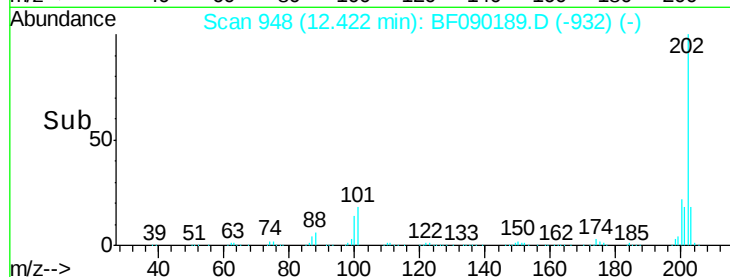
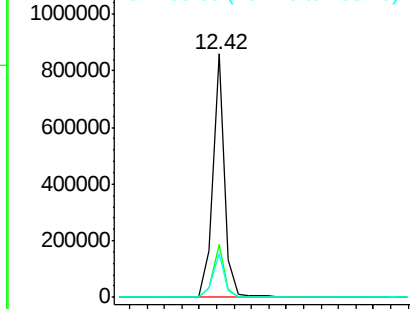
202 100

200 21.8 17.9 26.9

203 18.0 14.2 21.4



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: 78.13 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

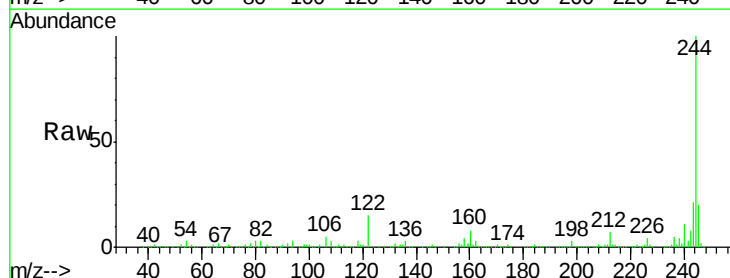
Tgt Ion:244 Resp: 936330

Ion Ratio Lower Upper

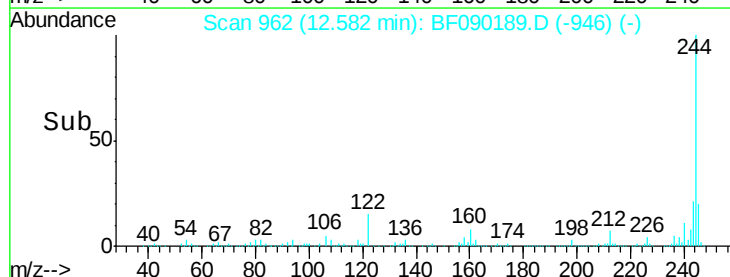
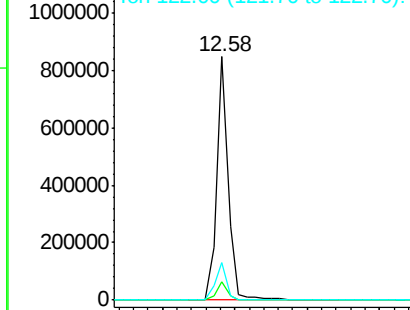
244 100

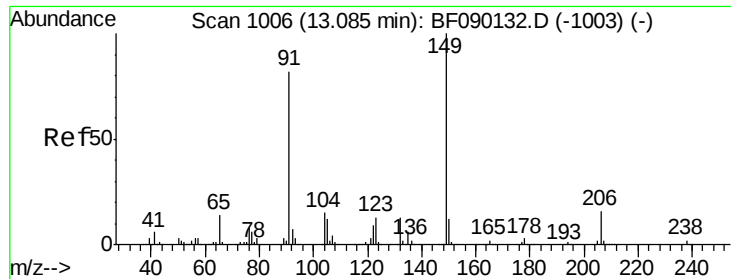
212 7.4 5.8 8.8

122 15.3 9.4 14.0#



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: 39.88 ng

RT: 13.06 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

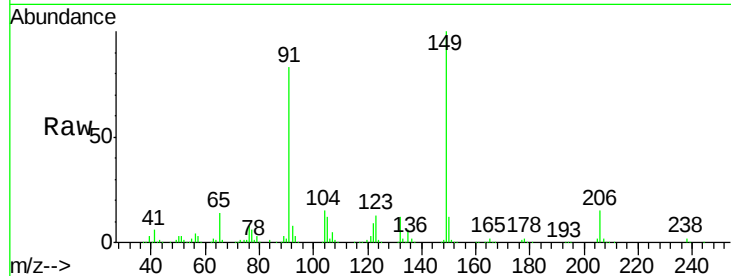
Tgt Ion:149 Resp: 406178

Ion Ratio Lower Upper

149 100

91 83.3 49.8 74.6#

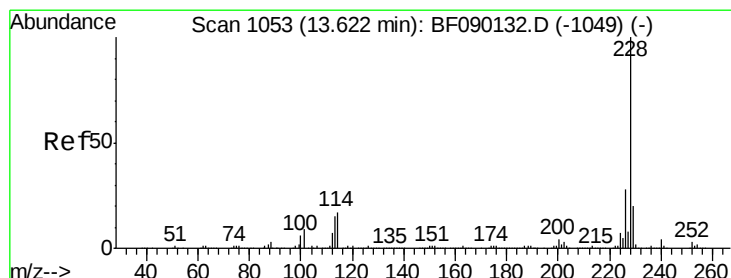
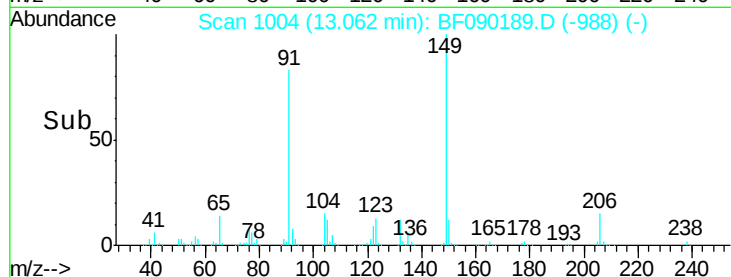
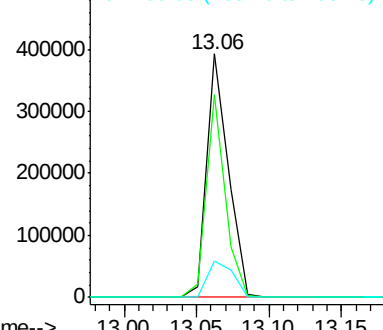
206 15.0 16.3 24.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.56 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

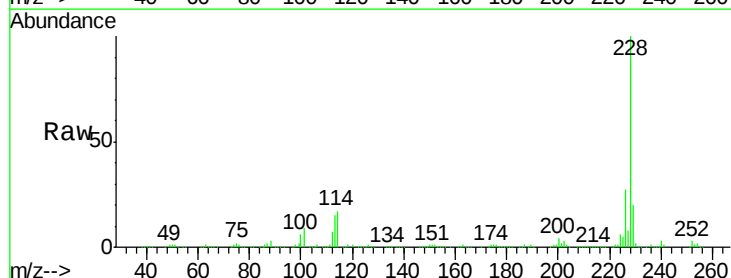
Tgt Ion:228 Resp: 663966

Ion Ratio Lower Upper

228 100

226 26.9 22.0 33.0

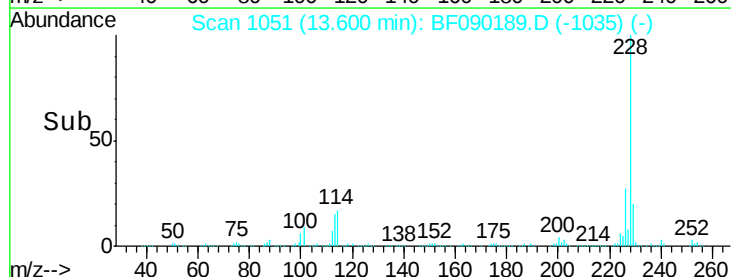
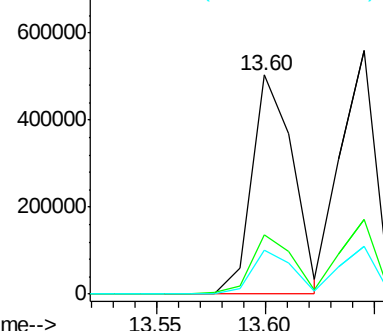
229 20.1 16.2 24.2

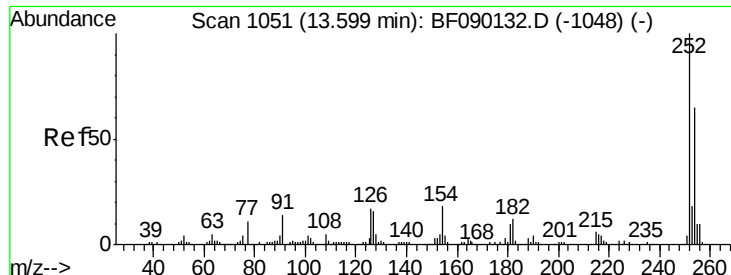


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

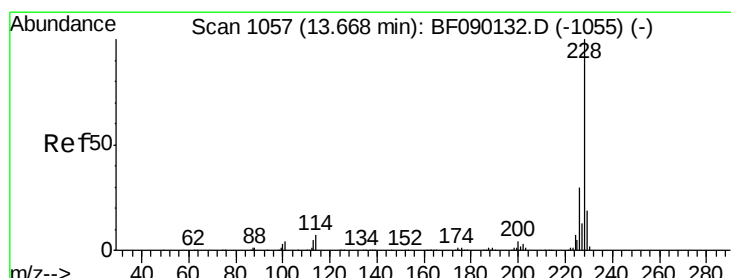
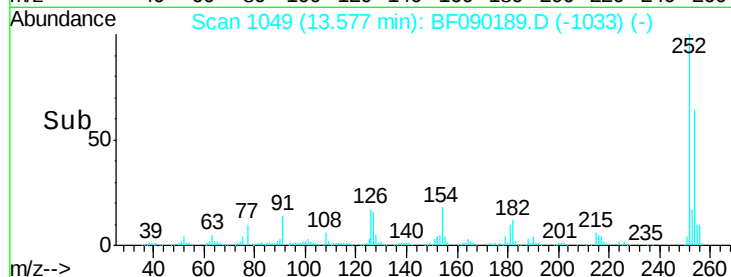
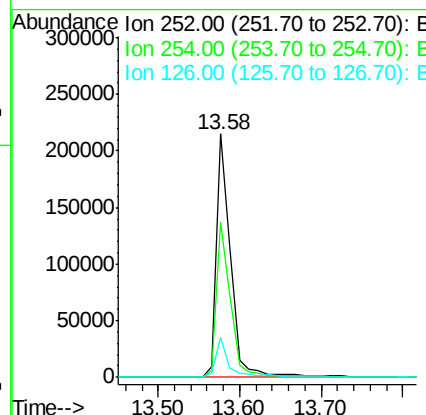
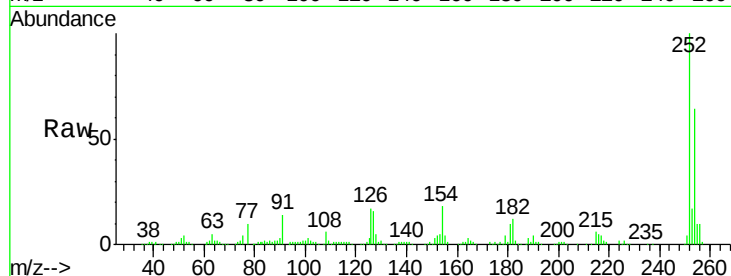




#81
 3,3'-Dichlorobenzidine
 Concen: 39.24 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

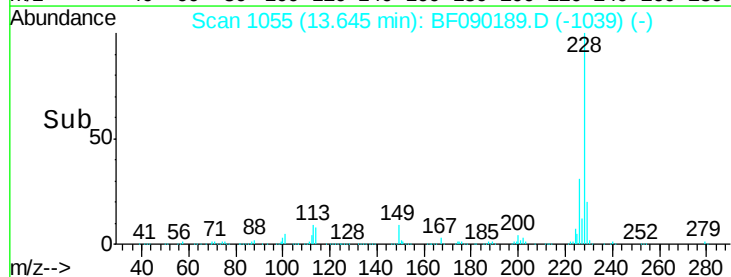
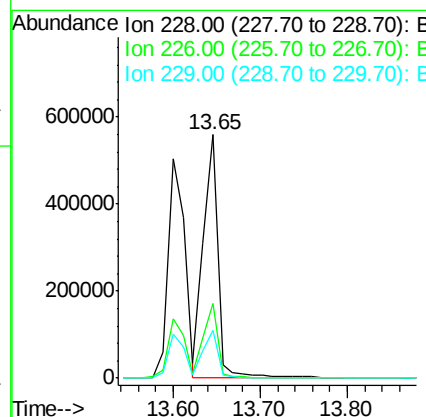
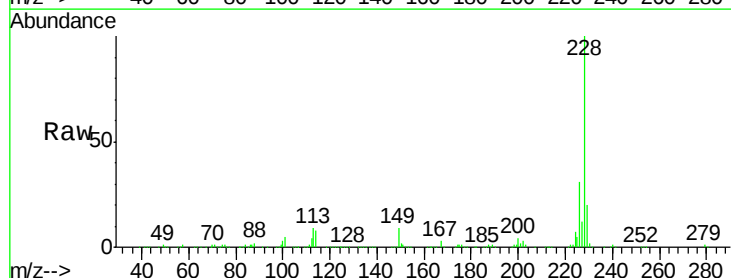
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.7	76.1
126	16.5	9.2	13.8



#82
 Chrysene
 Concen: 40.46 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.37 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

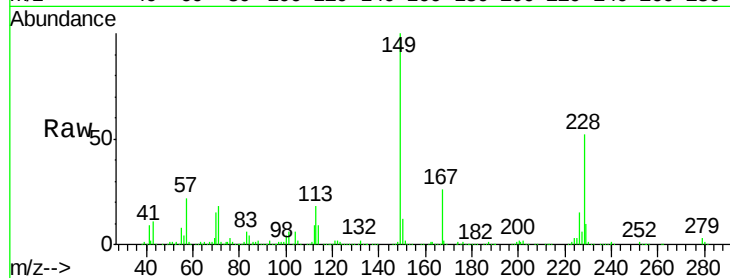
Tgt Ion:149 Resp: 552268

Ion Ratio Lower Upper

149 100

167 26.1 21.2 31.8

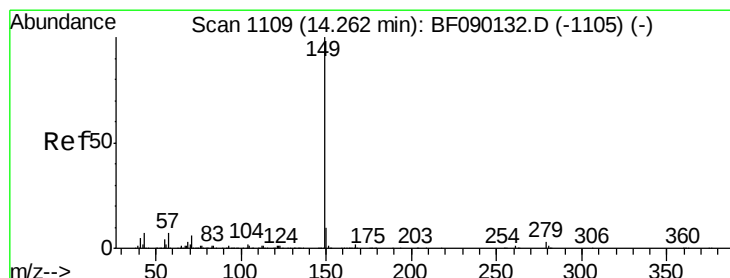
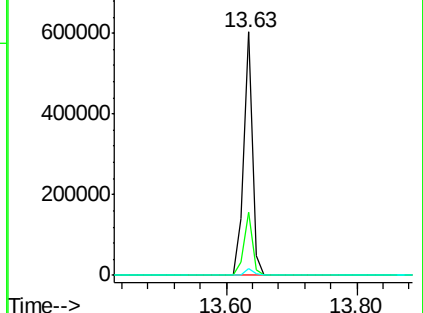
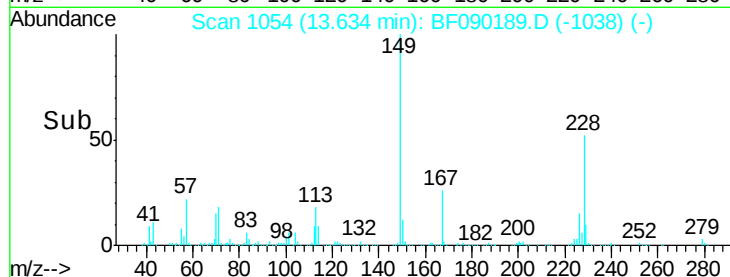
279 2.9 2.2 3.2



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: 40.93 ng

RT: 14.24 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

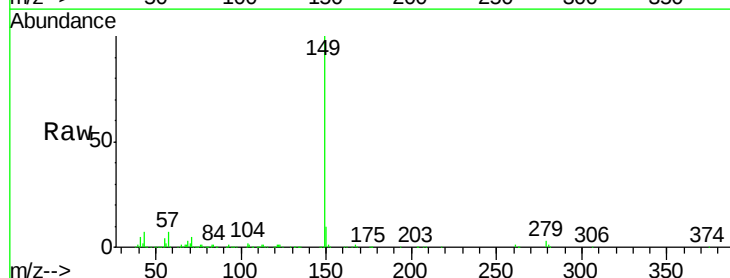
Tgt Ion:149 Resp: 918846

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

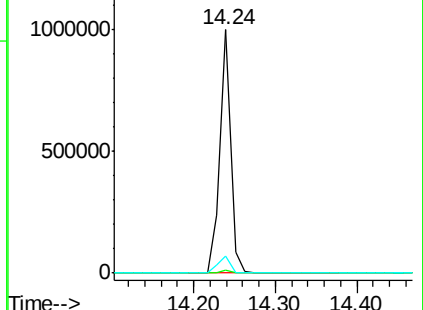
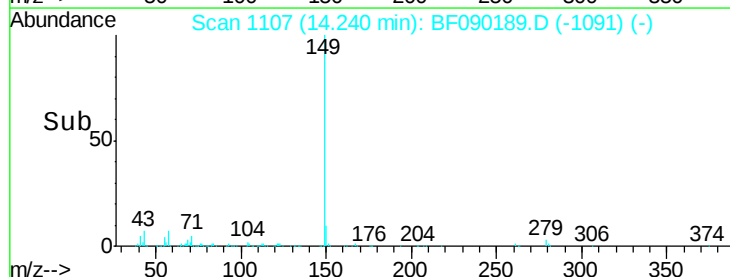
43 8.3 6.8 10.2

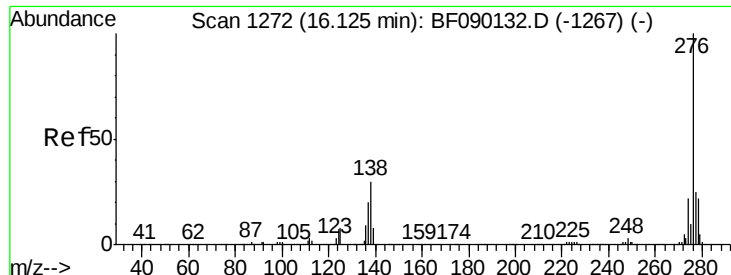


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

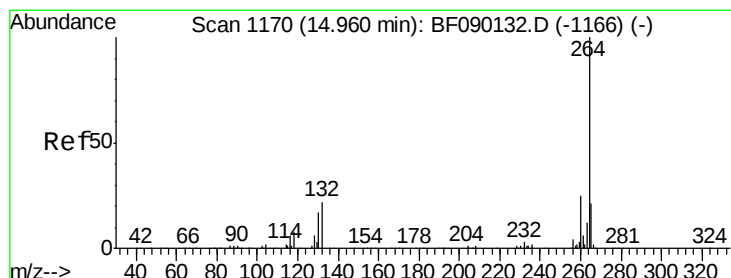
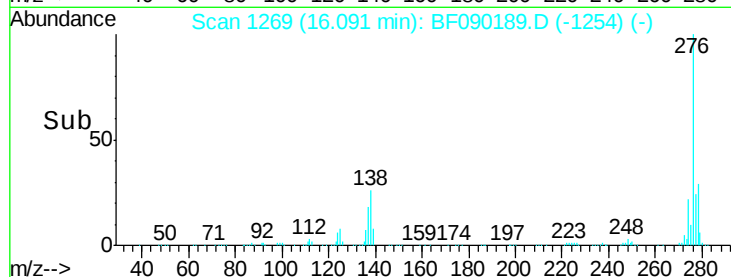
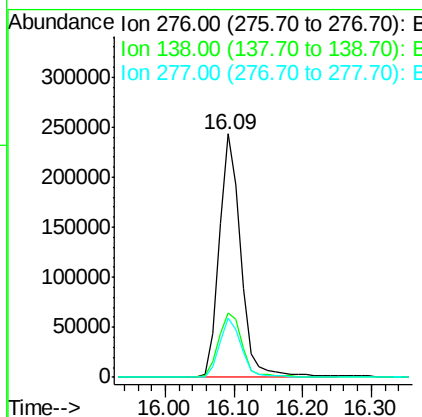
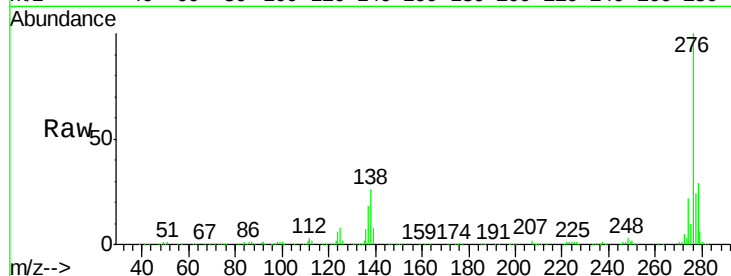




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.19 ng
 RT: 16.09 min Scan# 1269
 Delta R.T. -0.03 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

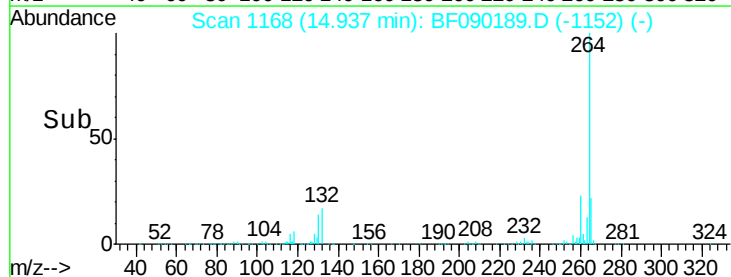
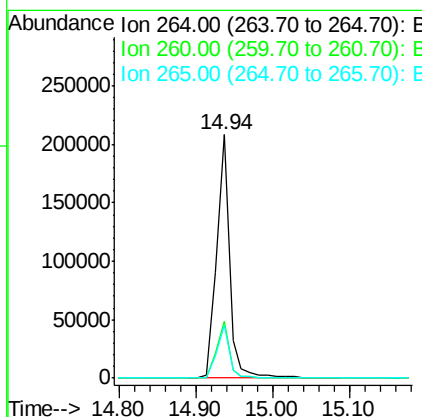
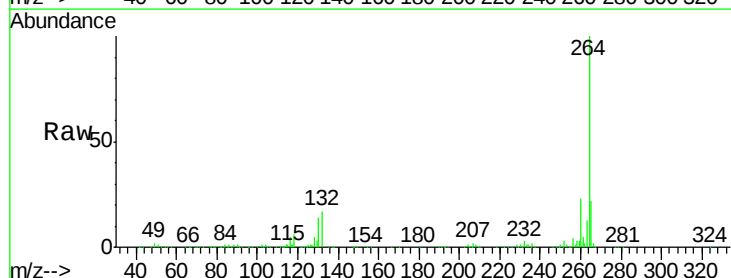
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

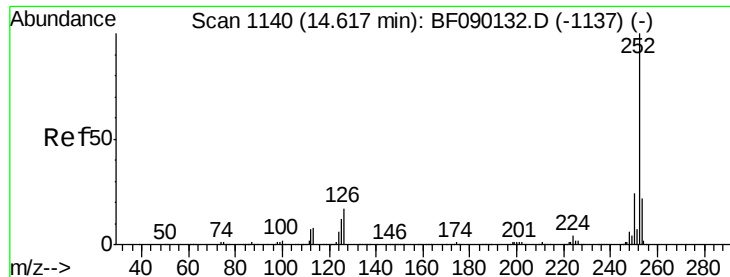
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.9	38.9
277	25.1	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF090189.D
 Acq: 22 Sep 2016 16:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 80.37 ng

RT: 14.62 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

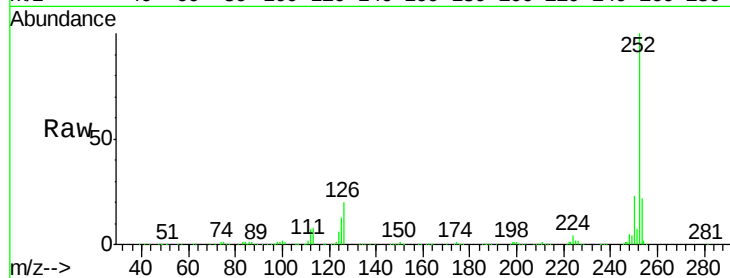
Tgt Ion:252 Resp: 1092423

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

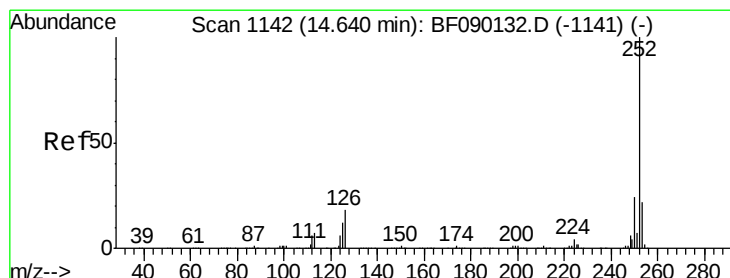
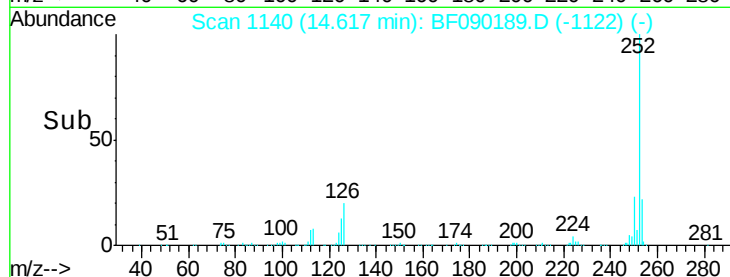
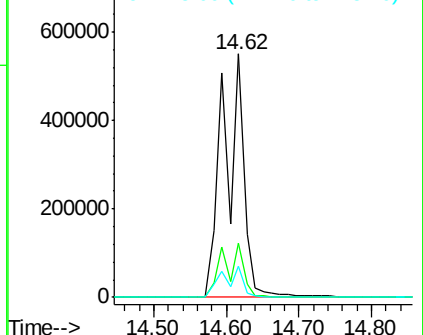
125 12.8 12.7 19.1



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: 85.74 ng

RT: 14.62 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

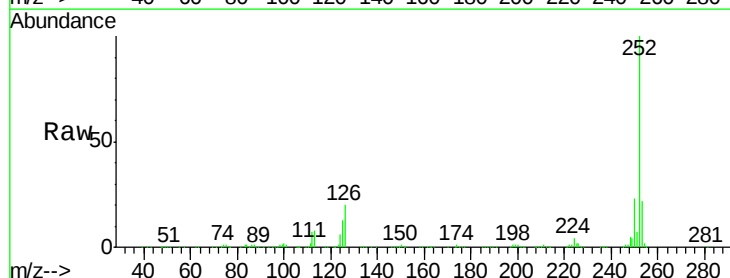
Tgt Ion:252 Resp: 1093758

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

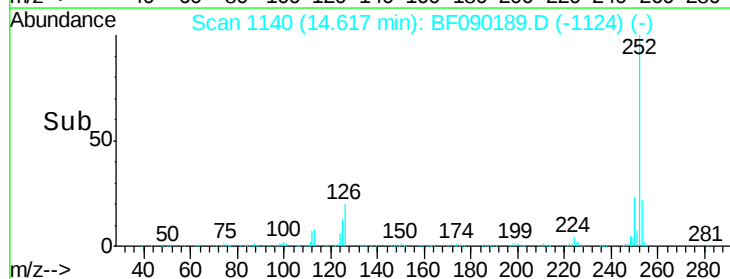
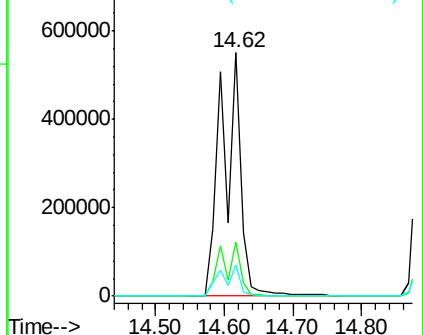
125 12.8 7.8 11.6#

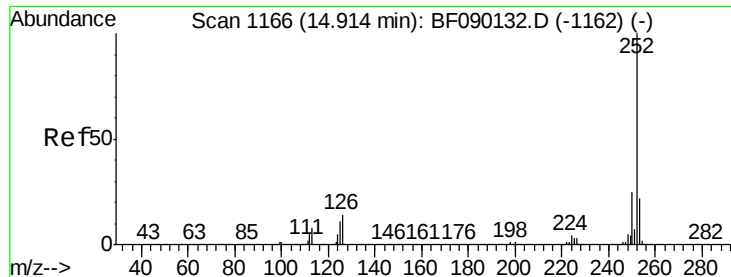


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

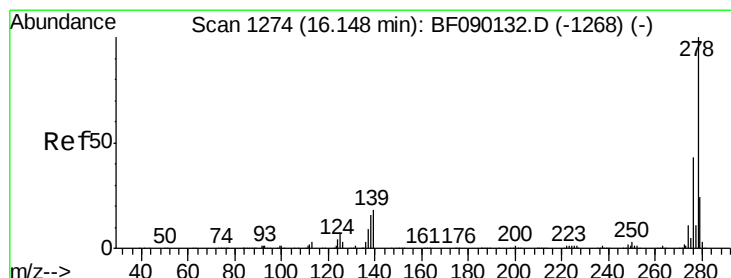
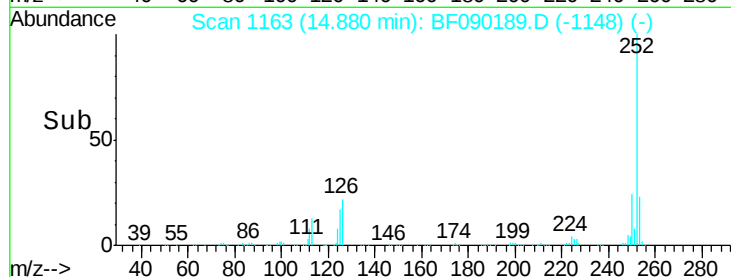
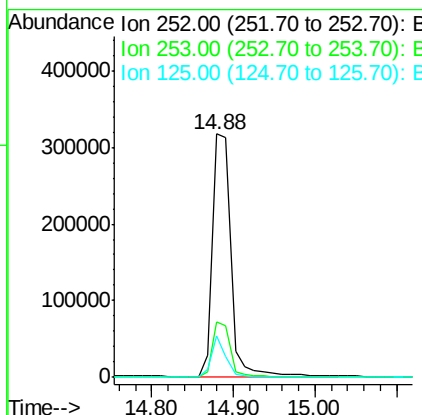
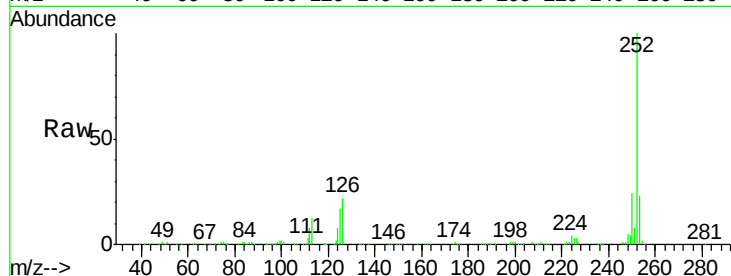




#89
Benzo(a)pyrene
Concen: 39.23 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF090189.D
Acq: 22 Sep 2016 16:15

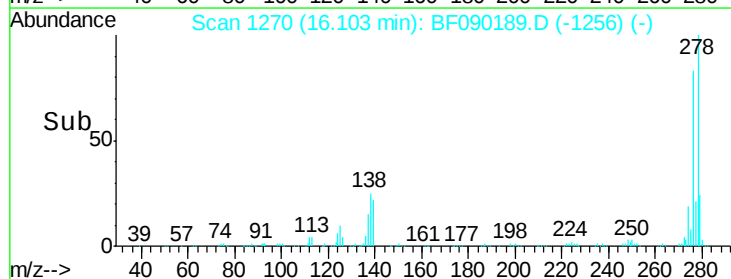
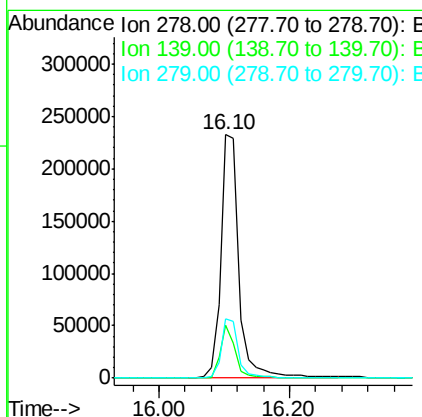
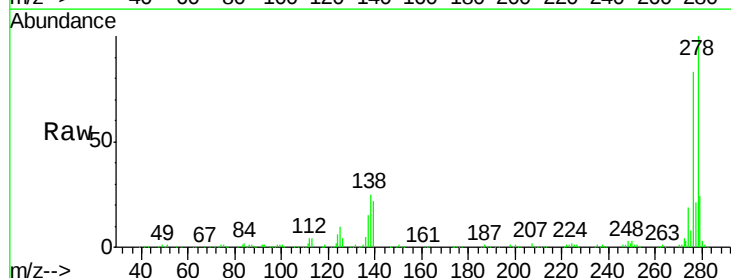
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

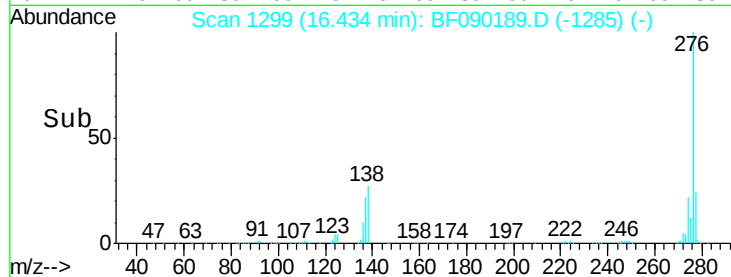
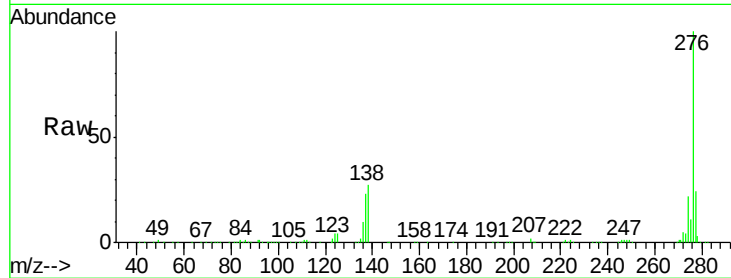
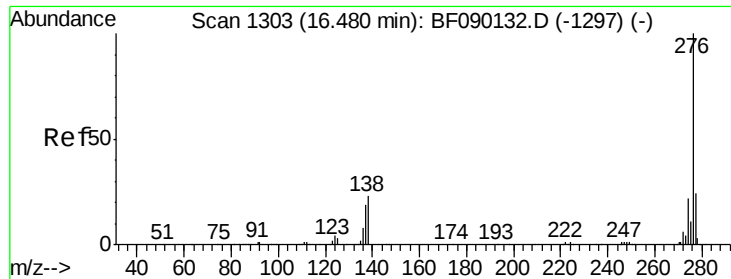
Tgt Ion: 252 Resp: 501588
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 16.9 7.7 11.5#



#90
Dibenzo(a,h)anthracene
Concen: 45.41 ng
RT: 16.10 min Scan# 1270
Delta R.T. -0.05 min
Lab File: BF090189.D
Acq: 22 Sep 2016 16:15

Tgt Ion: 278 Resp: 453056
Ion Ratio Lower Upper
278 100
139 21.9 14.6 21.8#
279 24.1 18.8 28.2





#91

Benzo(g,h,i)perylene

Concen: 46.40 ng

RT: 16.43 min Scan# 1299

Delta R.T. -0.05 min

Lab File: BF090189.D

Acq: 22 Sep 2016 16:15

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 276 Resp: 453141

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 27.0 23.3 34.9

