

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
 Data File : BF090054.D
 Acq On : 9 Sep 2016 18:54
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Sep 10 00:30:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	176477	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	720362	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	361543	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	665547	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	398772	20.00	ng	-0.01
86) Perylene-d12	15.05	264	393563	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	846682	76.79	ng	-0.01
7) Phenol-d6	6.24	99	1025386	76.54	ng	-0.01
23) Nitrobenzene-d5	7.16	82	992552	79.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	240894	67.54	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	1688534	76.67	ng	-0.01
78) Terphenyl-d14	12.67	244	1419166	87.91	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.01	88	191844	36.72	ng	97
3) Pyridine	2.64	79	510320	36.62	ng	100
4) n-Nitrosodimethylamine	2.59	42	249112	36.25	ng	99
6) Aniline	6.25	93	652238	35.68	ng	98
8) 2-Chlorophenol	6.38	128	489508	40.92	ng	97
9) Benzaldehyde	6.12	77	305797	35.38	ng	90
10) Phenol	6.25	94	546685	35.09	ng	# 73
11) bis(2-Chloroethyl)ether	6.33	93	461417	39.14	ng	98
12) 1,3-Dichlorobenzene	6.76	146	468411	35.06	ng	99
13) 1,4-Dichlorobenzene	6.60	146	542624	39.70	ng	98
14) 1,2-Dichlorobenzene	6.76	146	489771	39.97	ng	95
15) Benzyl Alcohol	6.74	79	318588	37.96	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.88	45	841875	37.45	ng	85
17) 2-Methylphenol	6.87	107	360728	37.76	ng	97
18) Hexachloroethane	7.10	117	180760	38.61	ng	# 88
19) n-Nitroso-di-n-propylamine	7.03	70	334683	38.34	ng	98
20) 3+4-Methylphenols	7.03	107	478230	41.30	ng	# 71
22) Acetophenone	7.02	105	664544	41.12	ng	# 91
24) Nitrobenzene	7.18	77	486622	36.85	ng	97
25) Isophorone	7.43	82	916057	36.27	ng	98
26) 2-Nitrophenol	7.50	139	229942	36.43	ng	96
27) 2,4-Dimethylphenol	7.55	122	443549	37.99	ng	98
28) bis(2-Chloroethoxy)methane	7.64	93	573676	37.66	ng	99
29) 2,4-Dichlorophenol	7.75	162	428865	40.97	ng	92
30) 1,2,4-Trichlorobenzene	7.83	180	445481	38.93	ng	97
31) Naphthalene	7.90	128	1272434	35.46	ng	100
32) Benzoic acid	7.72	122	38935	4.95	ng	86
33) 4-Chloroaniline	7.95	127	533826	36.87	ng	96
34) Hexachlorobutadiene	8.02	225	250795	37.40	ng	99
35) Caprolactam	8.34	113	113129	34.24	ng	99
36) 4-Chloro-3-methylphenol	8.46	107	424089	38.25	ng	96
37) 2-Methylnaphthalene	8.59	142	953931	40.23	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	441802	41.71	ng	98
40) Hexachlorocyclopentadiene	8.74	237	98077	18.06	ng	94

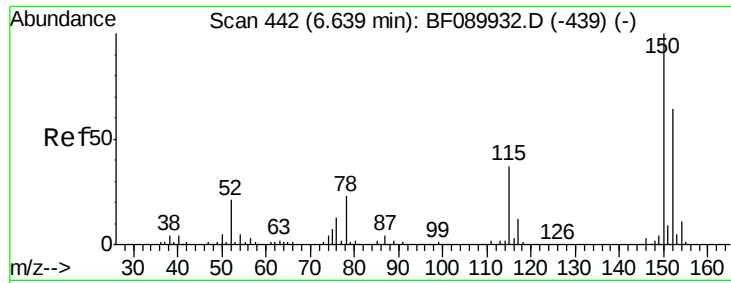
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	308377	42.01	ng	97
43) 2,4,5-Trichlorophenol	8.91	196	277139	39.26	ng	97
45) 1,1'-Biphenyl	9.06	154	1232364	42.33	ng	96
46) 2-Chloronaphthalene	9.07	162	808858	39.28	ng	98
47) 2-Nitroaniline	9.18	65	259170	38.50	ng	93
48) Acenaphthylene	9.48	152	1271636	37.35	ng	100
49) Dimethylphthalate	9.37	163	1043157	39.92	ng	99
50) 2,6-Dinitrotoluene	9.43	165	247361	42.56	ng	# 78
51) Acenaphthene	9.66	154	767150	35.56	ng	99
52) 3-Nitroaniline	9.59	138	249363	37.62	ng	97
53) 2,4-Dinitrophenol	9.70	184	7347	5.34	ng	# 56
54) Dibenzofuran	9.83	168	1061793	36.73	ng	97
55) 4-Nitrophenol	9.76	139	117938	23.59	ng	# 55
56) 2,4-Dinitrotoluene	9.83	165	270426	36.69	ng	# 90
57) Fluorene	10.17	166	859639	40.69	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	187101	30.96	ng	92
59) Diethylphthalate	10.07	149	988756	40.22	ng	96
60) 4-Chlorophenyl-phenylether	10.17	204	413701	41.62	ng	# 88
61) 4-Nitroaniline	10.20	138	250460	38.46	ng	98
62) Azobenzene	10.33	77	908164	36.98	ng	85
64) 4,6-Dinitro-2-methylphenol	10.23	198	16428	3.86	ng	83
65) n-Nitrosodiphenylamine	10.30	169	796495	39.81	ng	98
66) 4-Bromophenyl-phenylether	10.65	248	274345	40.95	ng	# 89
67) Hexachlorobenzene	10.72	284	318907	41.67	ng	# 73
68) Atrazine	10.82	200	243241	36.41	ng	99
69) Pentachlorophenol	10.91	266	117820	28.61	ng	99
70) Phenanthrene	11.12	178	1192666	35.99	ng	99
71) Anthracene	11.18	178	1361089	40.49	ng	99
72) Carbazole	11.34	167	1211870	38.45	ng	98
73) Di-n-butylphthalate	11.68	149	1423453	38.75	ng	99
74) Fluoranthene	12.30	202	1167291	33.61	ng	98
76) Benzidine	12.43	184	261164	17.29	ng	97
77) Pyrene	12.53	202	1164202	41.41	ng	98
79) Butylbenzylphthalate	13.17	149	467866	41.26	ng	# 76
80) Benzo(a)anthracene	13.70	228	921579	37.73	ng	100
81) 3,3'-Dichlorobenzidine	13.68	252	306667	34.78	ng	# 96
82) Chrysene	13.74	228	784093	34.37	ng	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	614529	39.18	ng	# 96
84) Di-n-octyl phthalate	14.33	149	1002495	39.60	ng	99
85) Indeno(1,2,3-cd)pyrene	16.26	276	833394	49.41	ng	98
87) Benzo(b)fluoranthene	14.72	252	1710882	69.39	ng	# 98
88) Benzo(k)fluoranthene	14.72	252	1710882	81.78	ng	99
89) Benzo(a)pyrene	15.01	252	845680	40.03	ng	100
90) Dibenzo(a,h)anthracene	16.29	278	700635	45.27	ng	99
91) Benzo(g,h,i)perylene	16.63	276	646219	41.48	ng	99

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

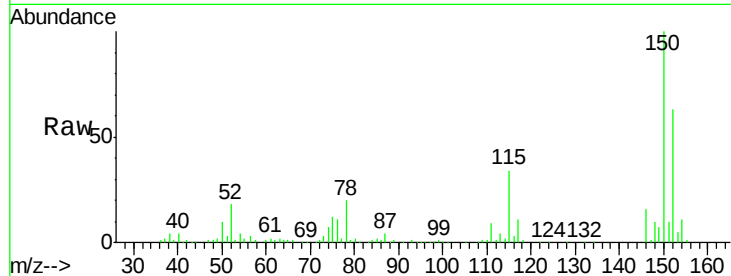


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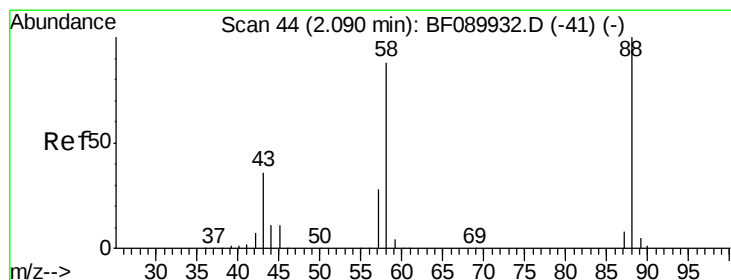
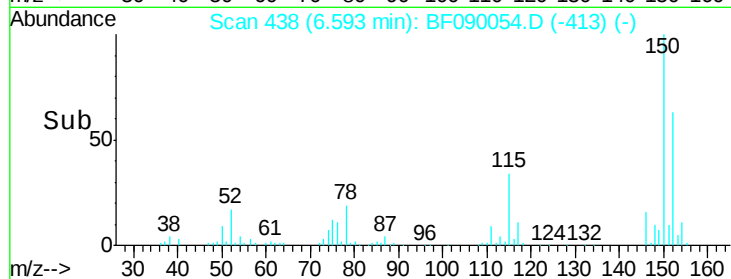
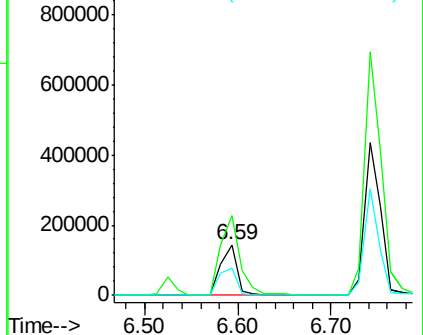
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 176477
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.2
115 53.6 46.3 69.5



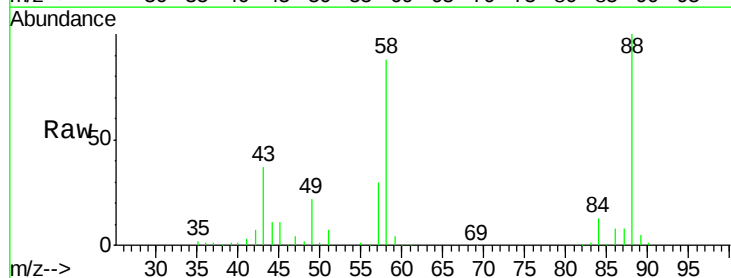
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



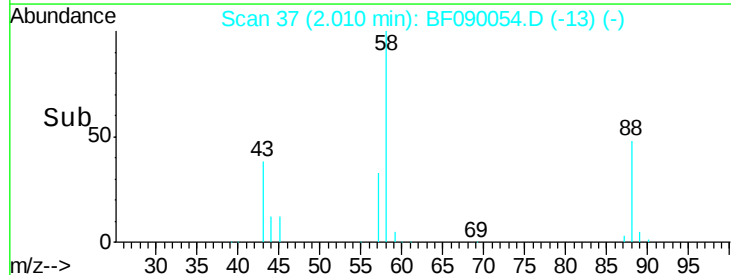
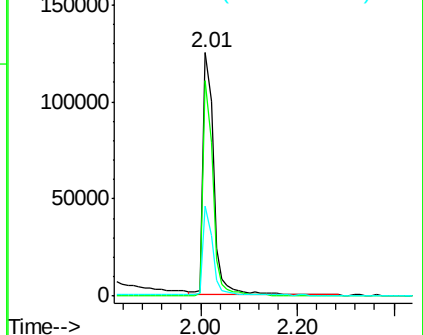
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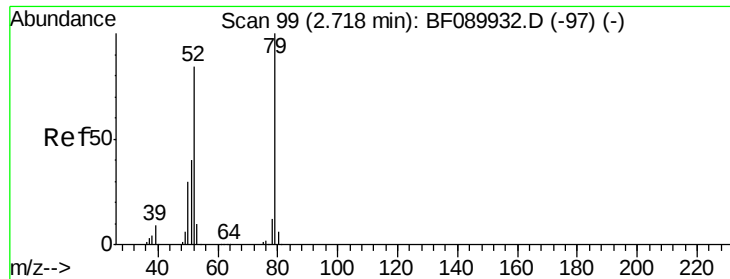
1,4-Dioxane
Concen: 36.72 ng
RT: 2.01 min Scan# 37
Delta R.T. -0.02 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

Tgt Ion: 88 Resp: 191844
Ion Ratio Lower Upper
88 100
58 82.2 68.8 103.2
43 33.3 27.0 40.6



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: 36.62 ng

RT: 2.64 min Scan# 92

Delta R.T. -0.02 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

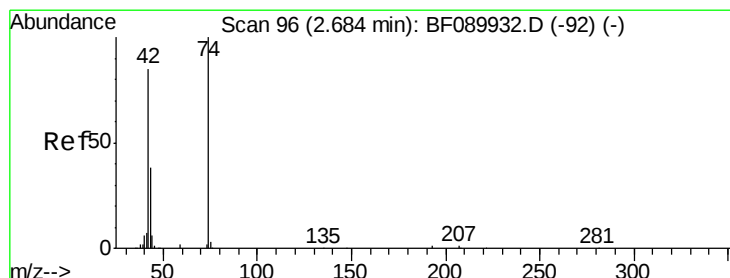
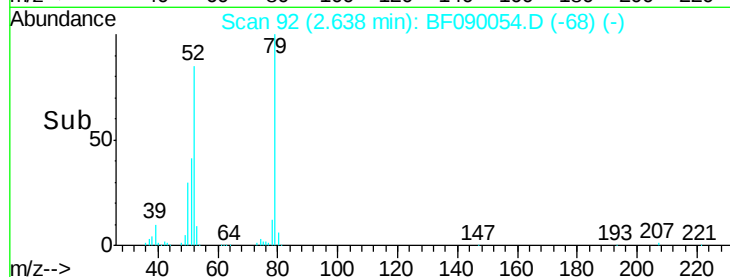
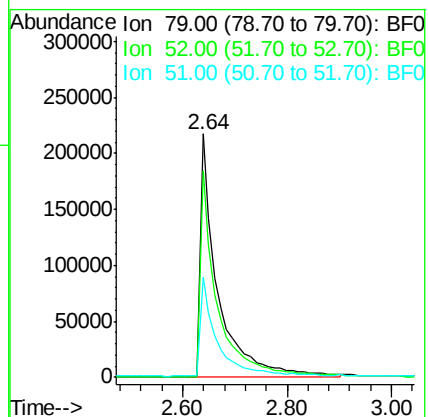
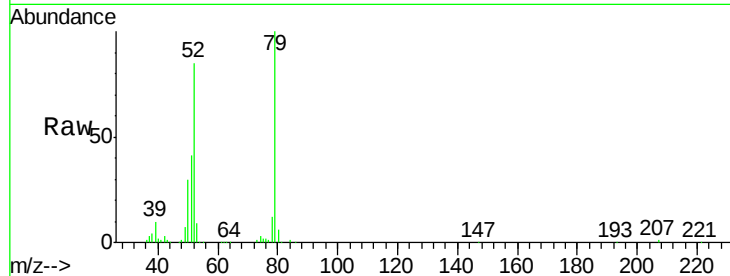
Tgt Ion: 79 Resp: 510320

Ion Ratio Lower Upper

79 100

52 84.9 67.8 101.6

51 41.4 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 36.25 ng

RT: 2.59 min Scan# 88

Delta R.T. -0.02 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

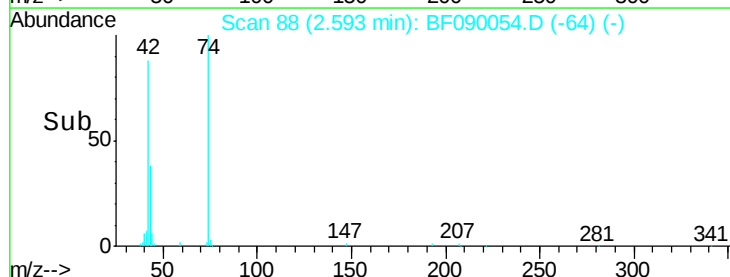
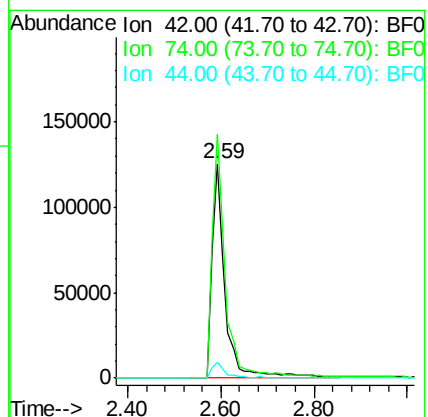
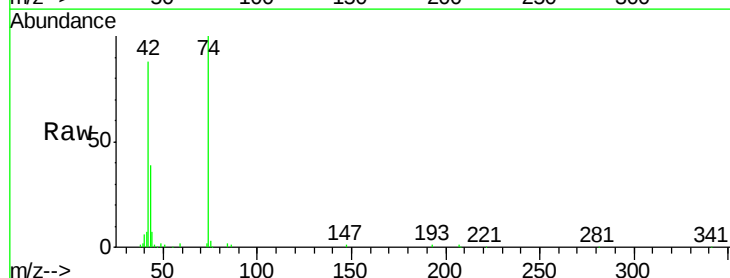
Tgt Ion: 42 Resp: 249112

Ion Ratio Lower Upper

42 100

74 113.7 92.0 138.0

44 7.6 5.8 8.8





#5

2-Fluorophenol

Concen: 76.79 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

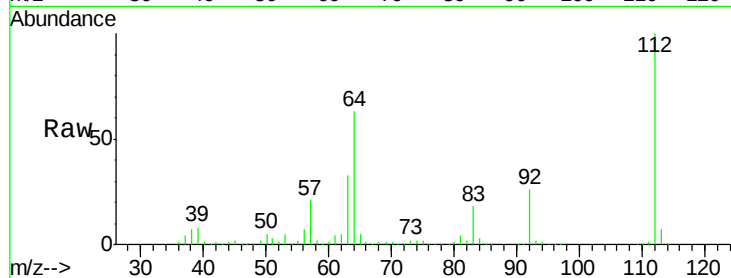
Tgt Ion: 112 Resp: 846682

Ion Ratio Lower Upper

112 100

64 63.4 41.1 61.7#

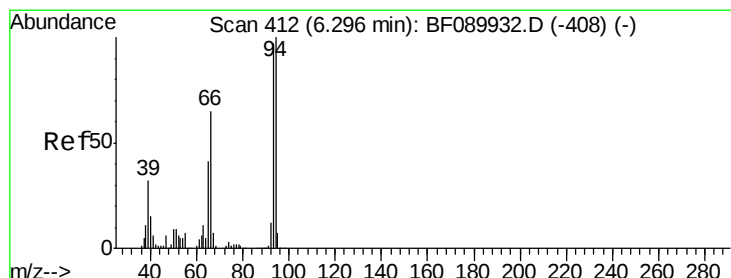
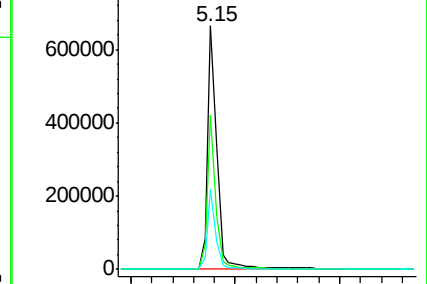
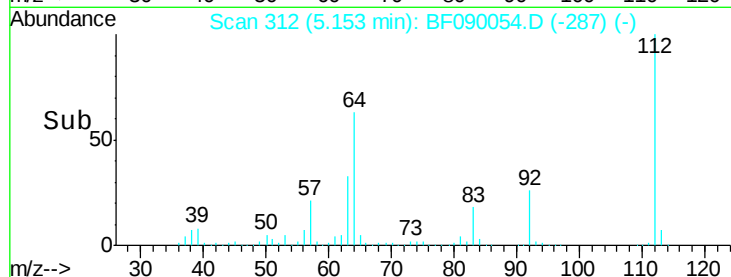
63 32.5 21.2 31.8#



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: 35.68 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

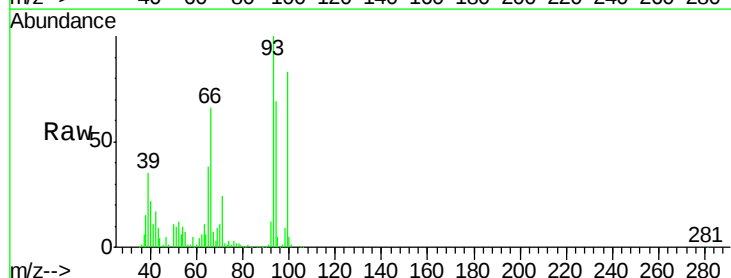
Tgt Ion: 93 Resp: 652238

Ion Ratio Lower Upper

93 100

66 65.9 52.9 79.3

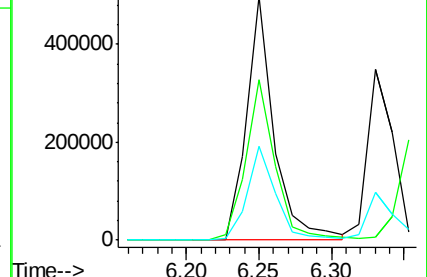
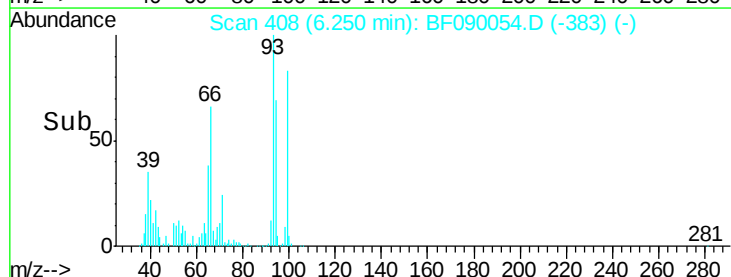
65 38.4 33.0 49.6

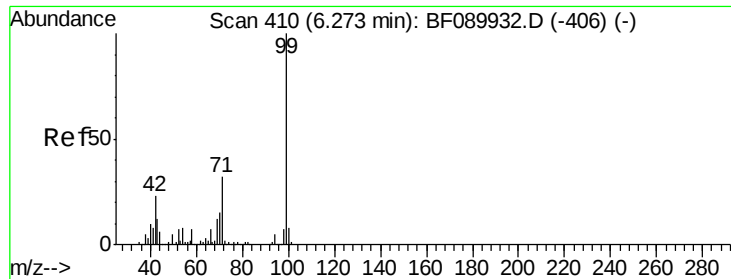


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.54 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

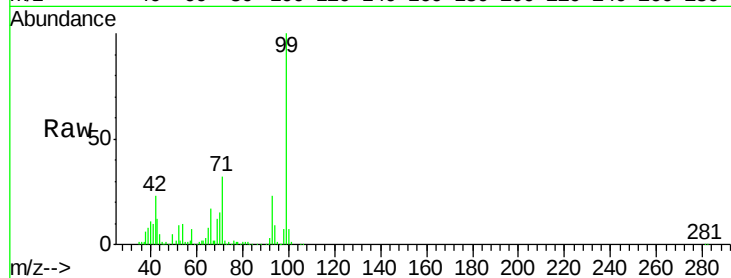
Tgt Ion: 99 Resp: 1025386

Ion Ratio Lower Upper

99 100

42 22.9 18.6 27.8

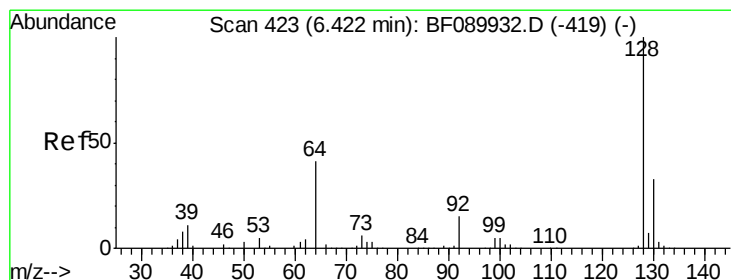
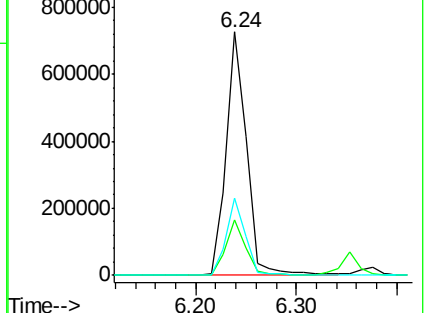
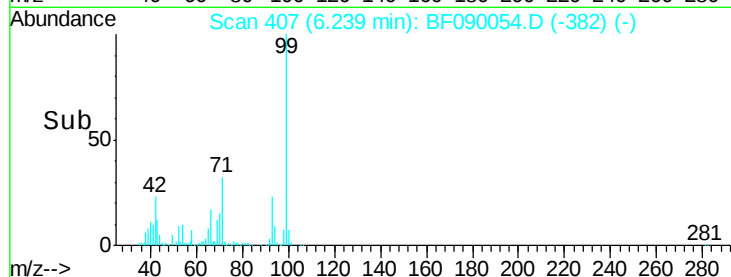
71 31.8 25.8 38.6



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: 40.92 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

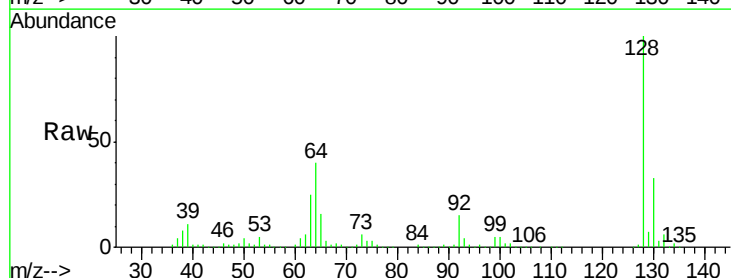
Tgt Ion: 128 Resp: 489508

Ion Ratio Lower Upper

128 100

130 33.2 12.8 52.8

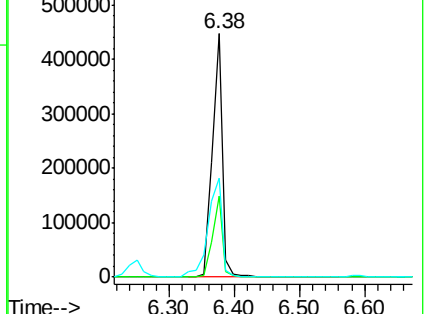
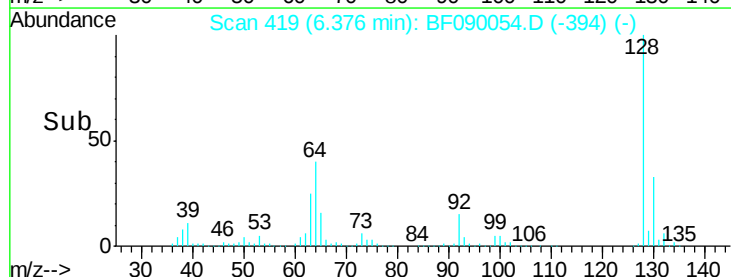
64 40.5 23.2 63.2

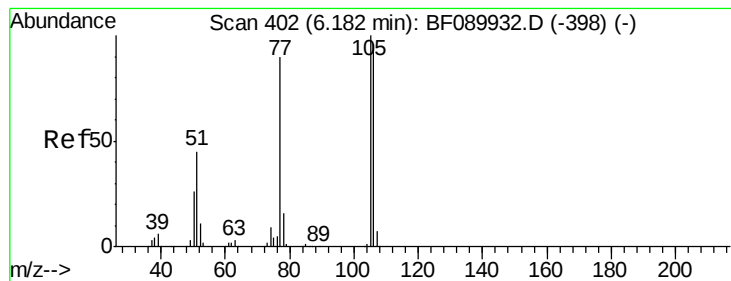


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.38 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

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ClientSampleId :

SSTDCCC040EC

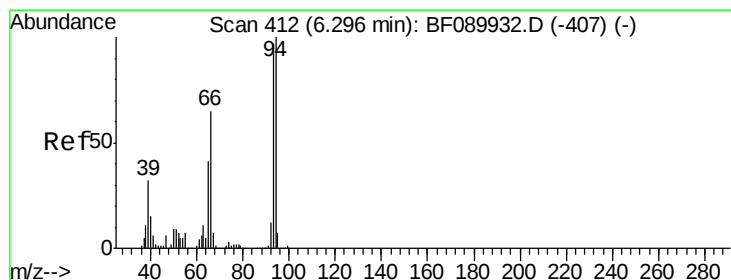
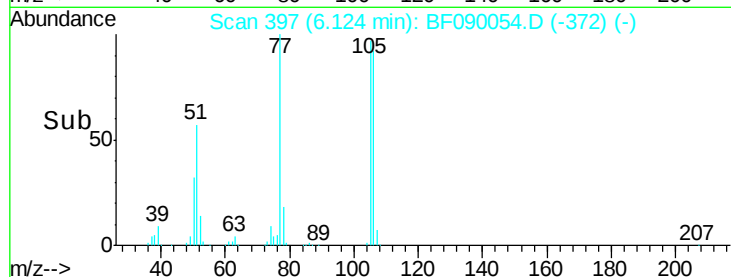
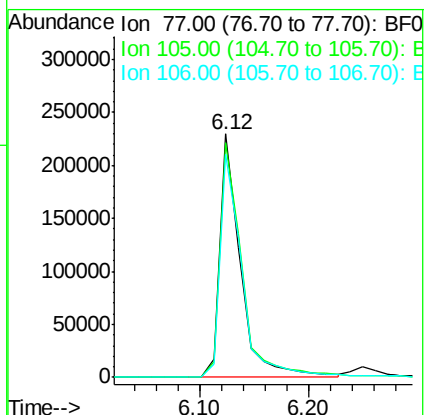
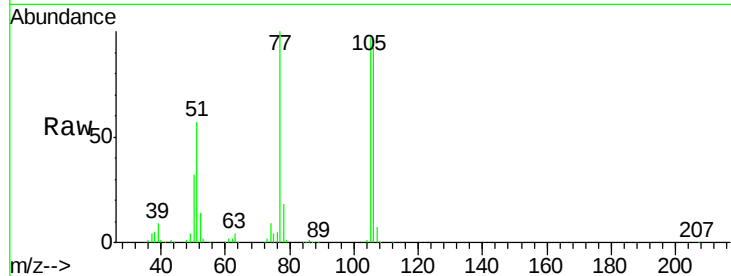
Tgt Ion: 77 Resp: 305797

Ion Ratio Lower Upper

77 100

105 96.5 85.4 125.4

106 91.7 83.4 123.4



#10

Phenol

Concen: 35.09 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

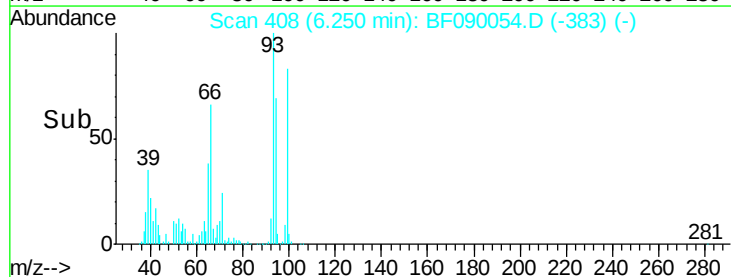
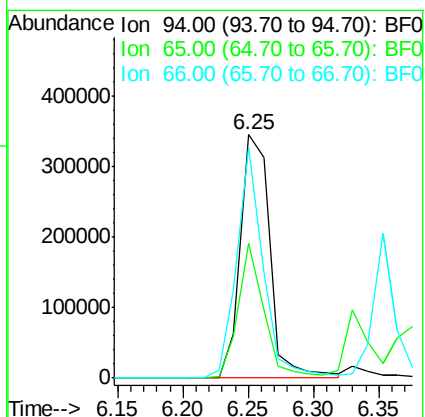
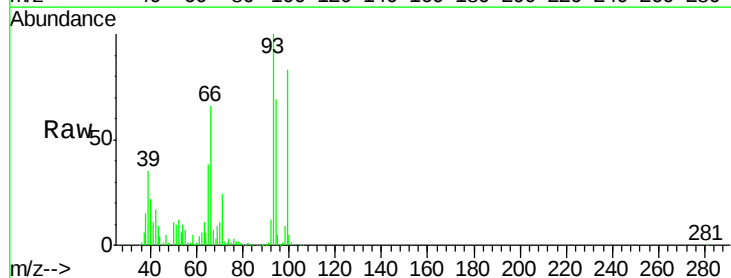
Tgt Ion: 94 Resp: 546685

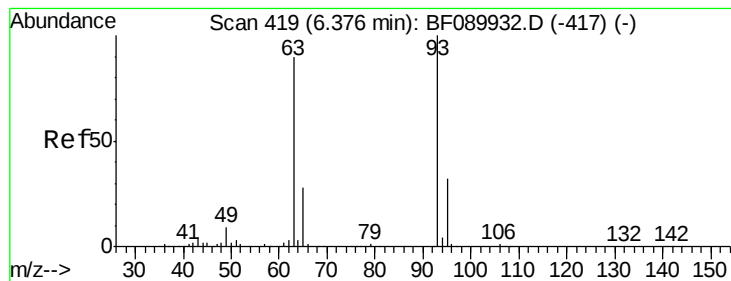
Ion Ratio Lower Upper

94 100

65 55.3 23.2 63.2

66 94.9 49.2 89.2#





#11

bis(2-Chloroethyl)ether

Concen: 39.14 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

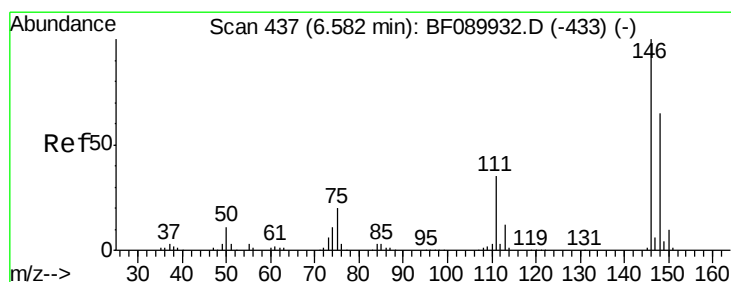
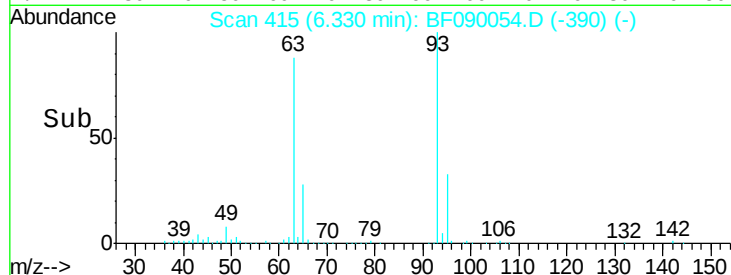
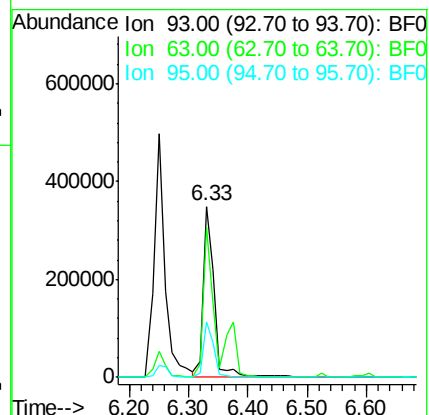
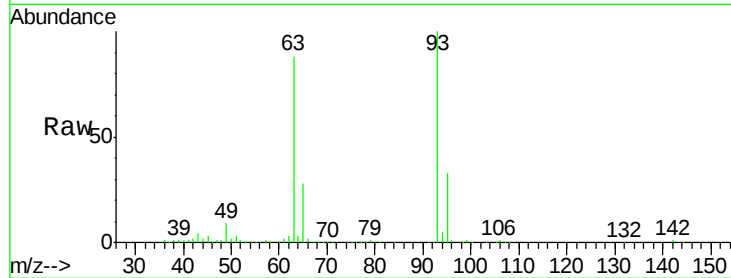
Tgt Ion: 93 Resp: 461417

Ion Ratio Lower Upper

93 100

63 88.3 71.1 111.1

95 32.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 35.06 ng

RT: 6.76 min Scan# 453

Delta R.T. 0.23 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

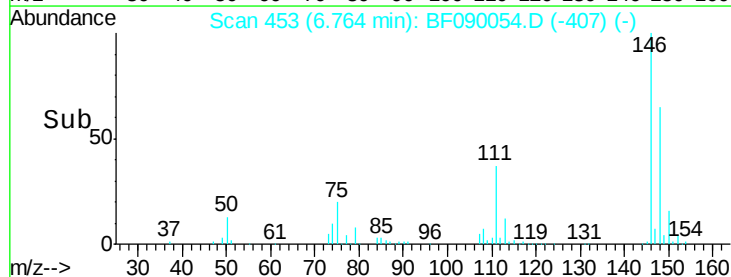
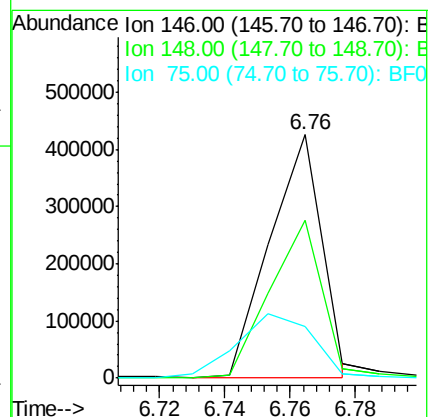
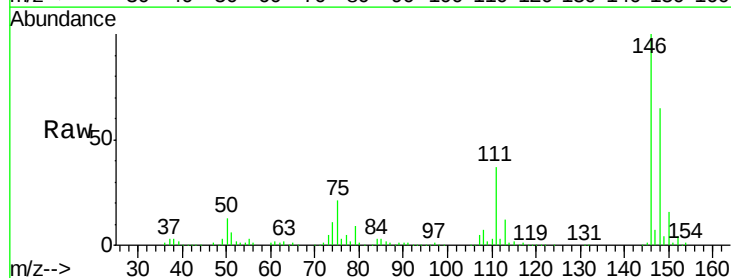
Tgt Ion: 146 Resp: 468411

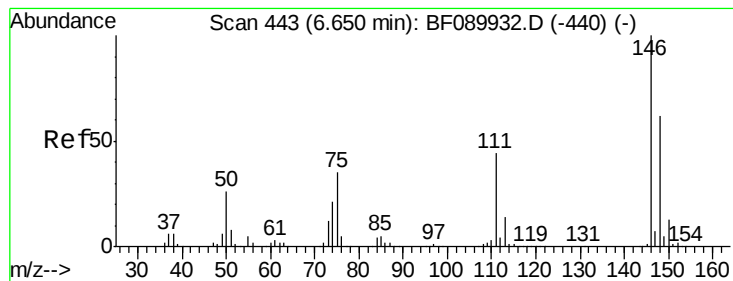
Ion Ratio Lower Upper

146 100

148 64.9 52.5 78.7

75 21.0 16.6 24.8





#13

1,4-Dichlorobenzene

Concen: 39.70 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

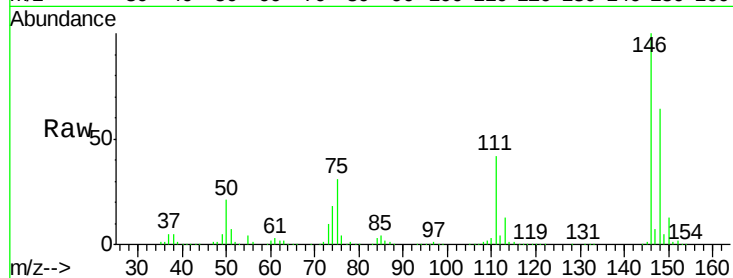
Tgt Ion:146 Resp: 542624

Ion Ratio Lower Upper

146 100

148 63.7 50.1 75.1

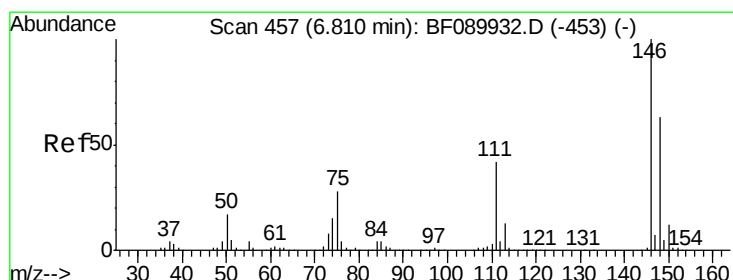
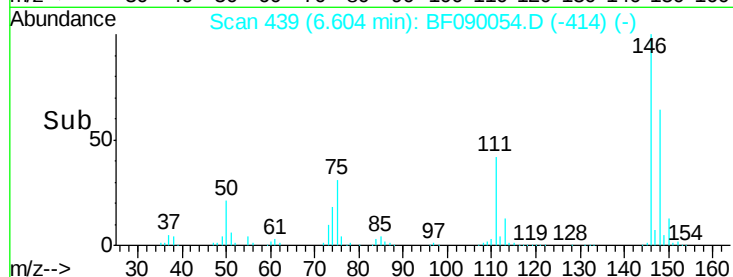
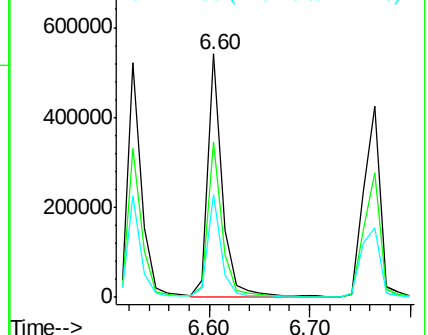
111 42.2 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.97 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

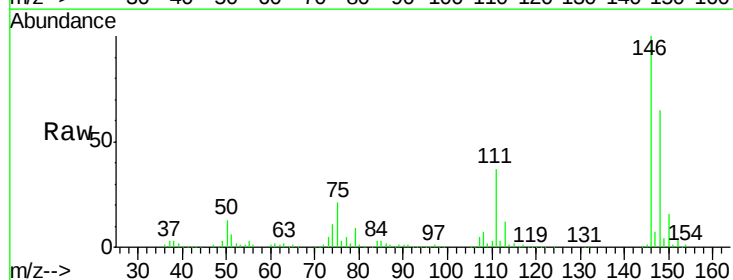
Tgt Ion:146 Resp: 489771

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.2

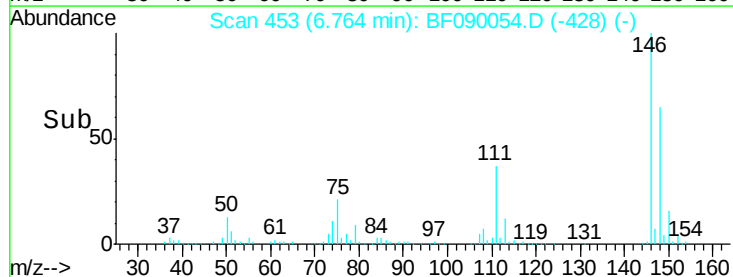
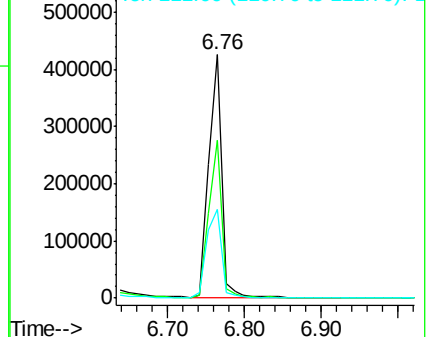
111 36.6 34.6 51.8

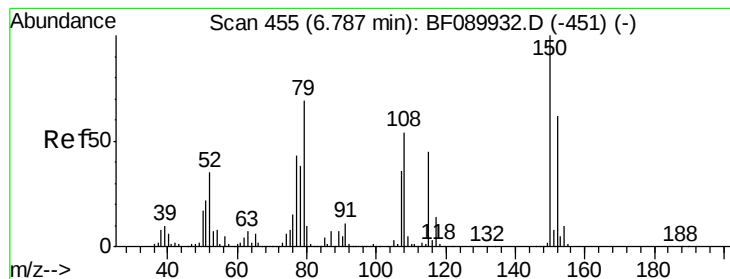


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.96 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

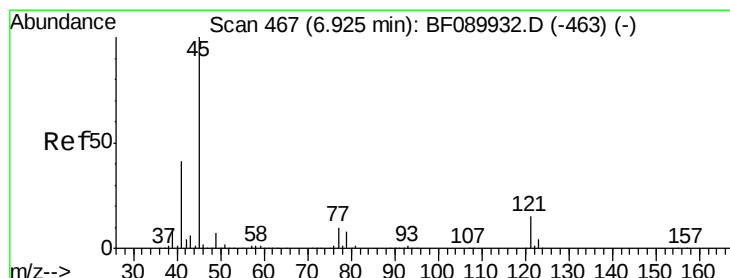
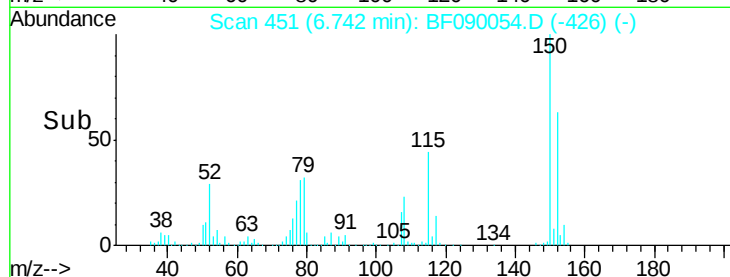
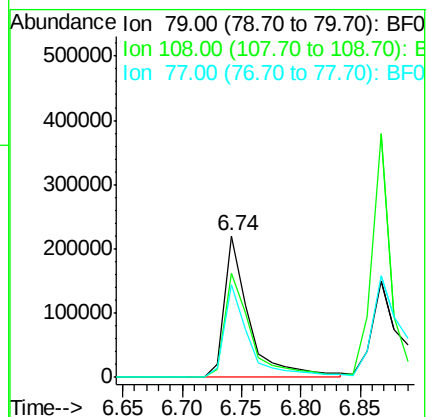
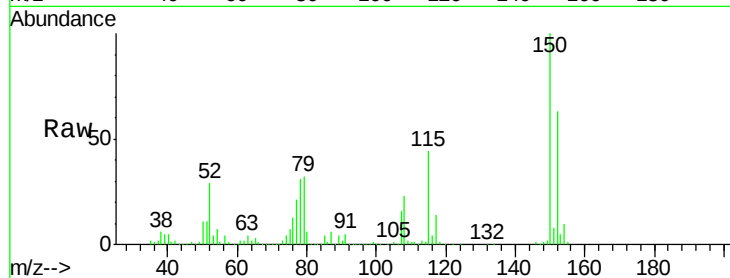
Tgt Ion: 79 Resp: 318588

Ion Ratio Lower Upper

79 100

108 73.2 62.1 93.1

77 65.3 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.45 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

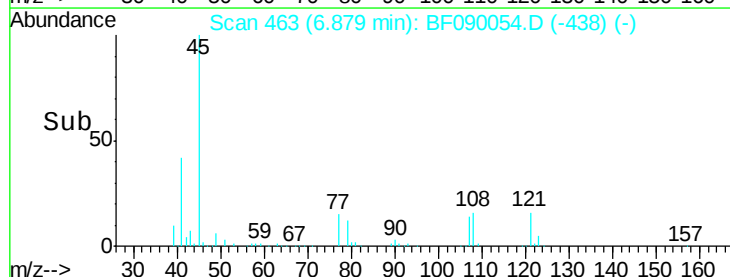
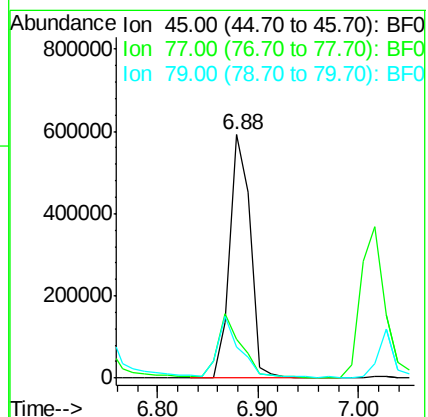
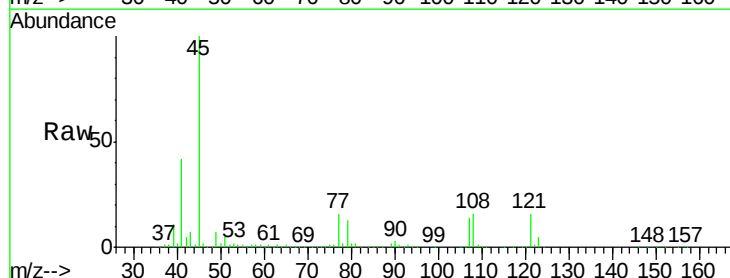
Tgt Ion: 45 Resp: 841875

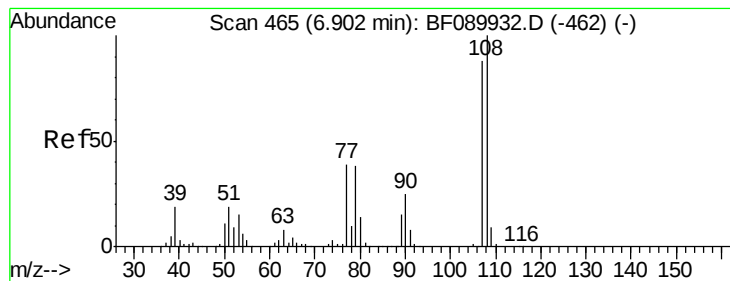
Ion Ratio Lower Upper

45 100

77 15.8 0.0 30.3

79 12.7 0.0 27.5





#17

2-Methylphenol

Concen: 37.76 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 360728

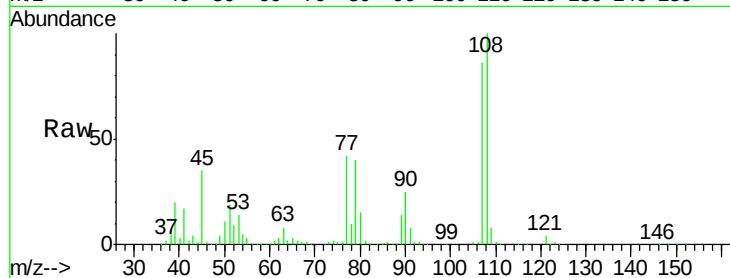
Ion Ratio Lower Upper

107 100

108 116.5 91.8 137.6

77 48.4 36.0 54.0

79 46.3 35.9 53.9

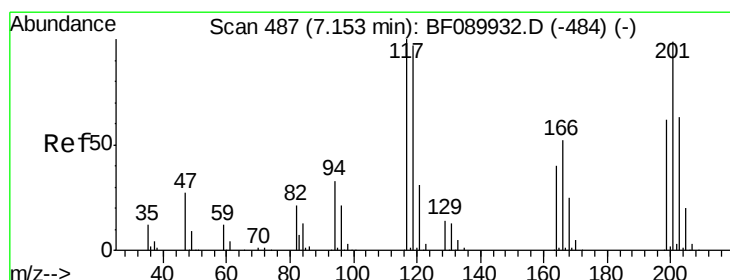
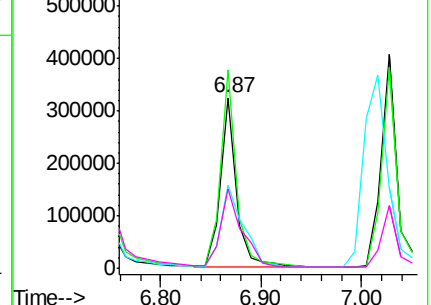
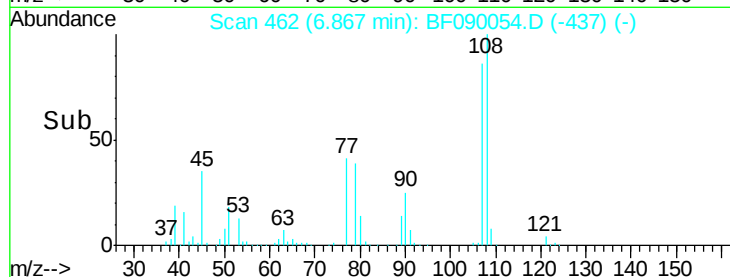


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.61 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

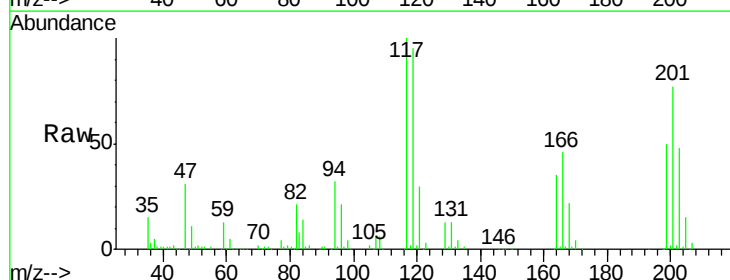
Tgt Ion:117 Resp: 180760

Ion Ratio Lower Upper

117 100

119 94.9 76.2 114.2

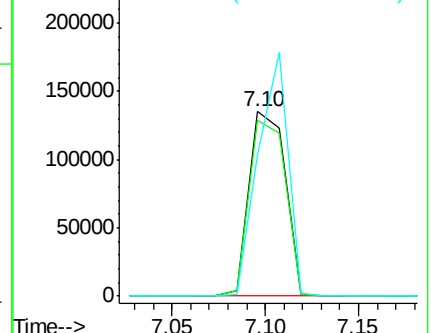
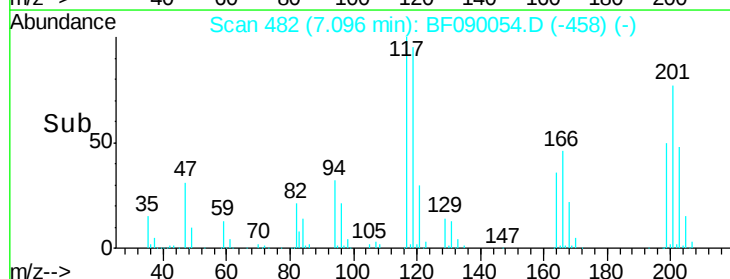
201 76.6 80.2 120.2#

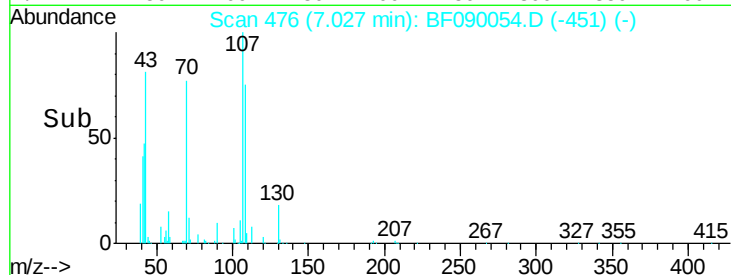
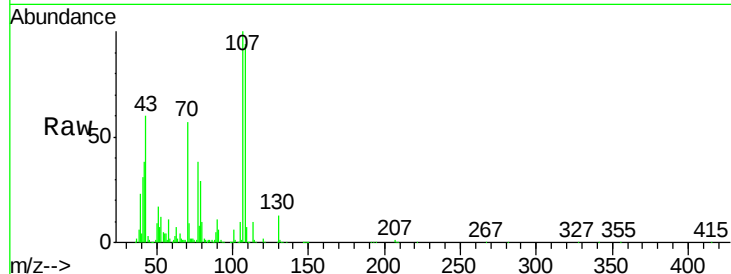


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

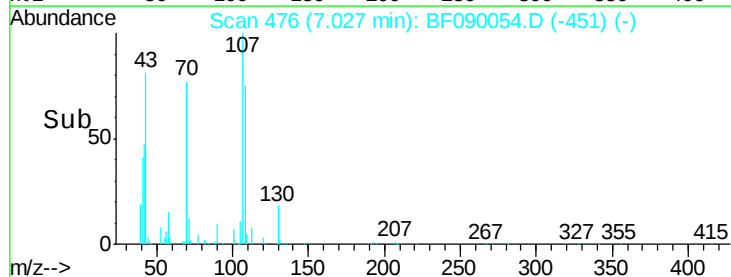
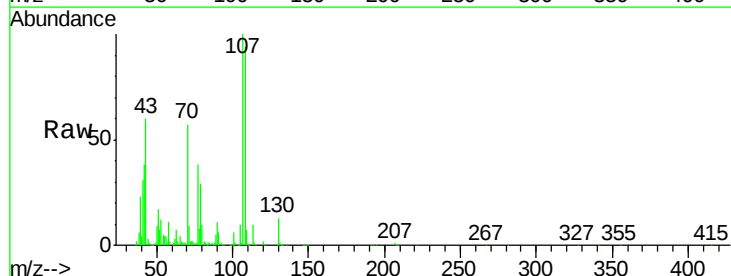
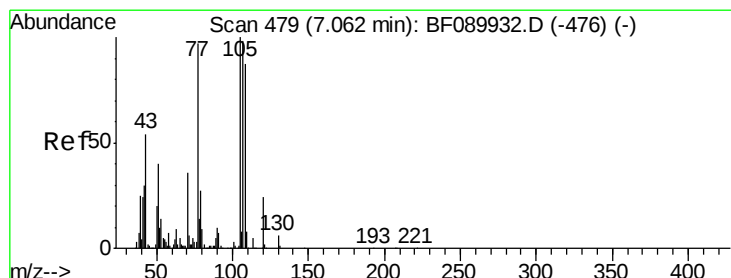
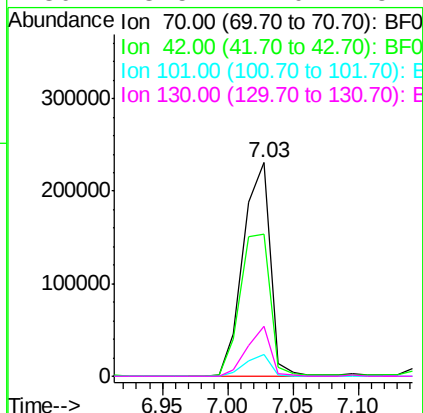




#19
n-Nitroso-di-n-propylamine
Concen: 38.34 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

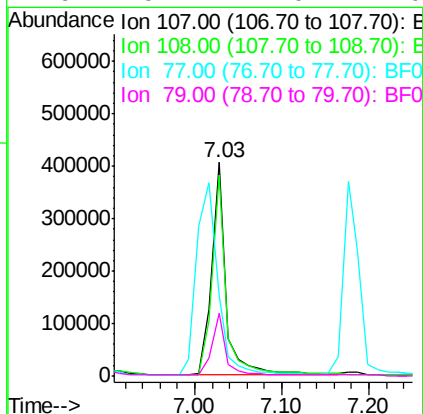
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

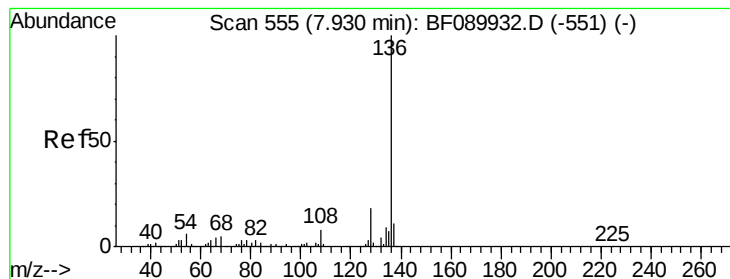
Tgt Ion:	70	Resp:	334683
Ion	Ratio	Lower	Upper
70	100		
42	66.3	52.1	78.1
101	10.3	7.4	11.2
130	23.5	17.0	25.4



#20
3+4-Methylphenols
Concen: 41.30 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

Tgt Ion:	107	Resp:	478230
Ion	Ratio	Lower	Upper
107	100		
108	94.1	70.2	110.2
77	37.9	75.7	115.7#
79	29.4	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 720362

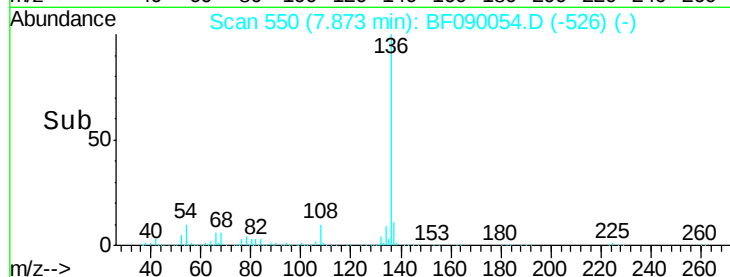
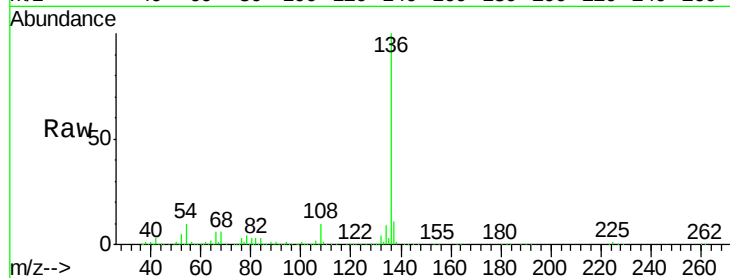
Ion Ratio Lower Upper

136 100

137 11.0 8.3 12.5

54 10.3 4.8 7.2#

68 6.4 3.7 5.5#

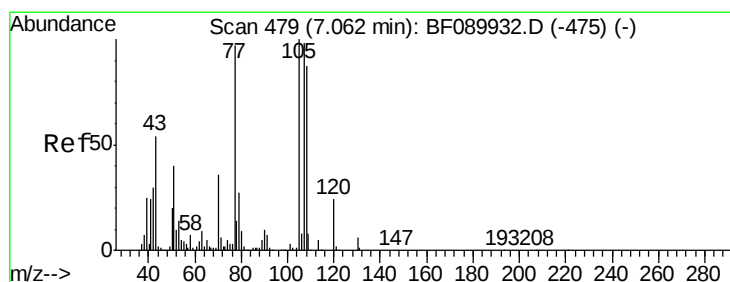
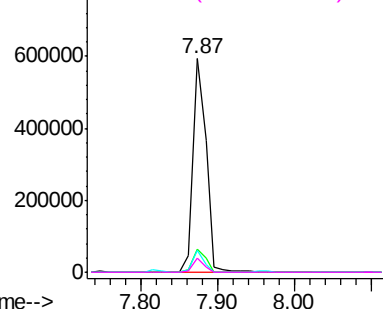


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 41.12 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Tgt Ion:105 Resp: 664544

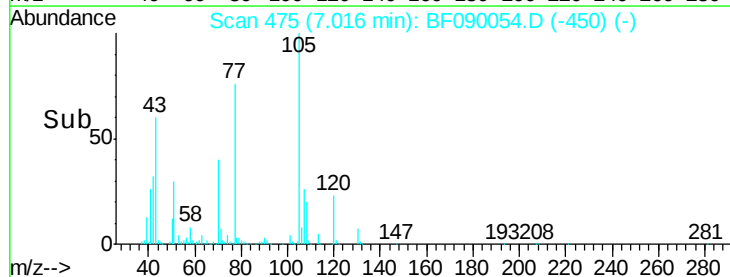
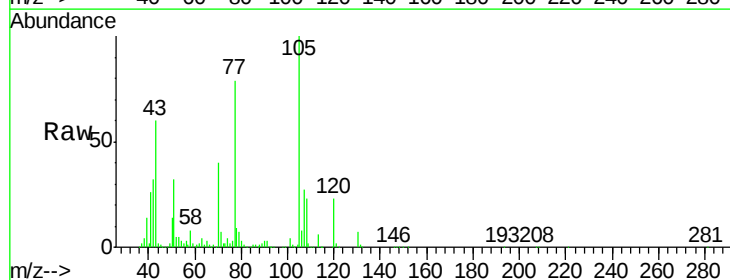
Ion Ratio Lower Upper

105 100

71 7.0 5.3 7.9

51 31.7 32.6 48.8#

120 23.1 18.6 28.0

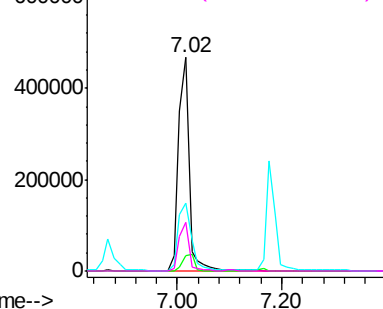


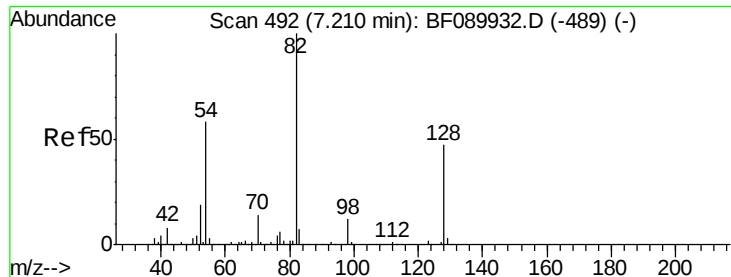
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

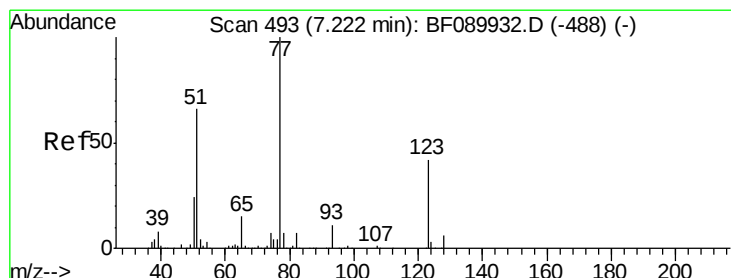
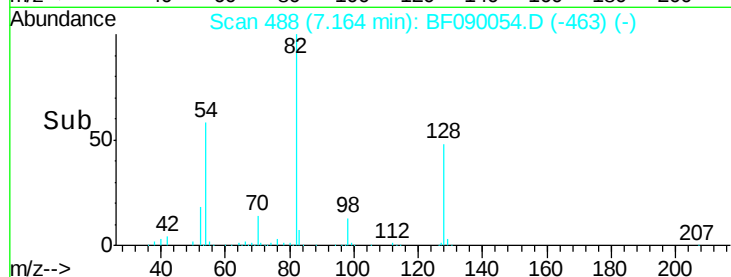
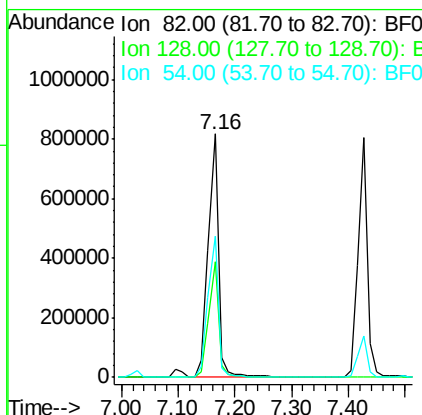
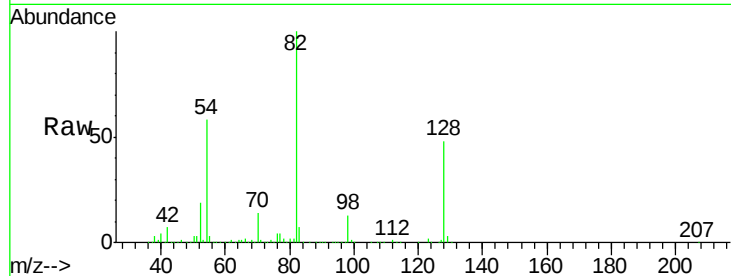




#23
 Nitrobenzene-d5
 Concen: 79.91 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

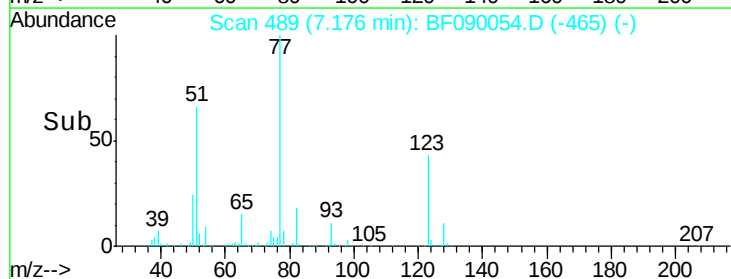
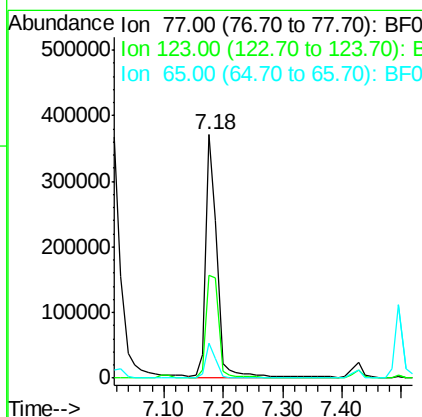
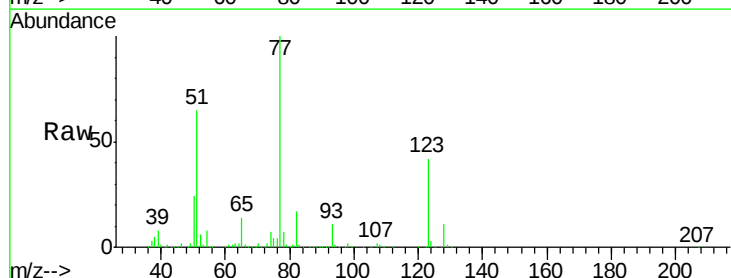
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

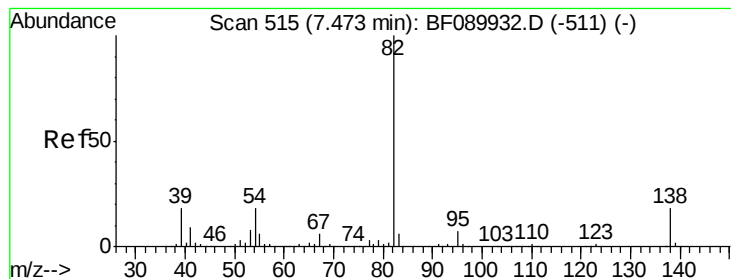
Tgt Ion: 82 Resp: 992552
 Ion Ratio Lower Upper
 82 100
 128 47.6 37.8 56.8
 54 58.0 46.9 70.3



#24
 Nitrobenzene
 Concen: 36.85 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Tgt Ion: 77 Resp: 486622
 Ion Ratio Lower Upper
 77 100
 123 42.0 32.0 48.0
 65 14.4 11.2 16.8





#25

Isophorone

Concen: 36.27 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

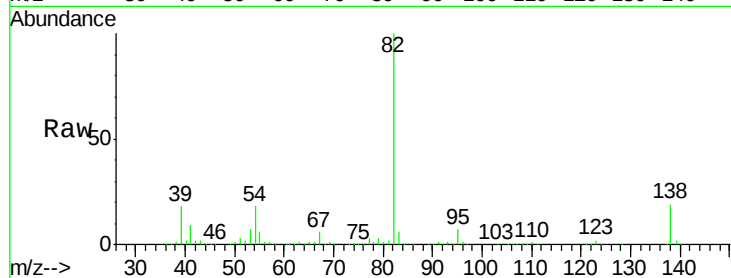
Tgt Ion: 82 Resp: 916057

Ion Ratio Lower Upper

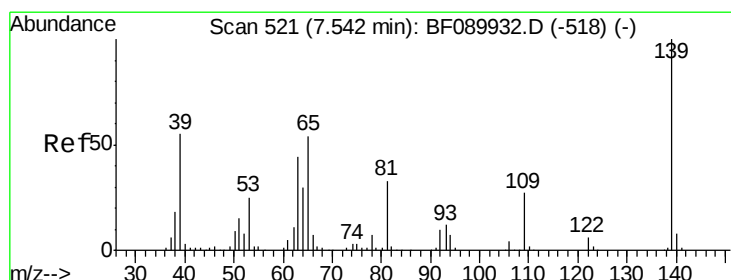
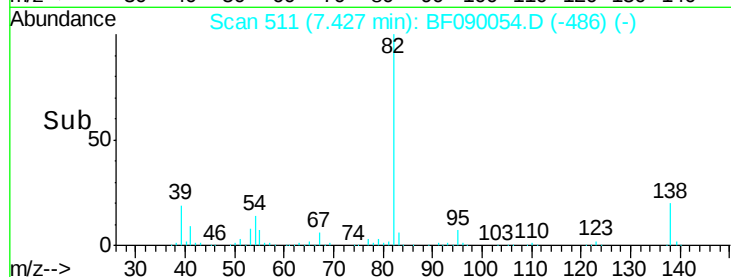
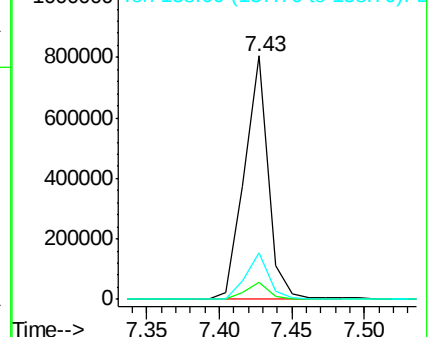
82 100

95 6.9 5.5 8.3

138 19.0 14.4 21.6



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: 36.43 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

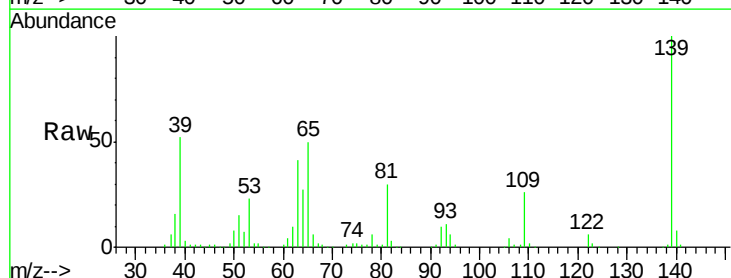
Tgt Ion: 139 Resp: 229942

Ion Ratio Lower Upper

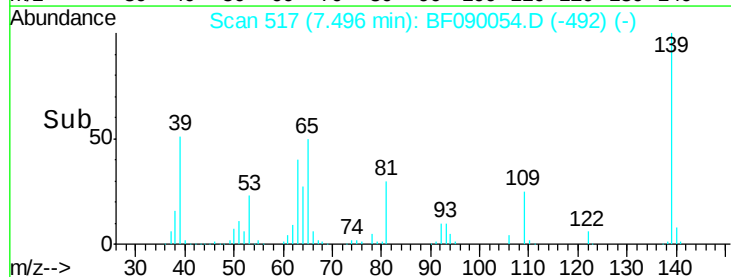
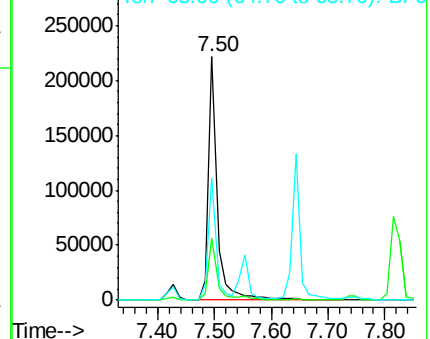
139 100

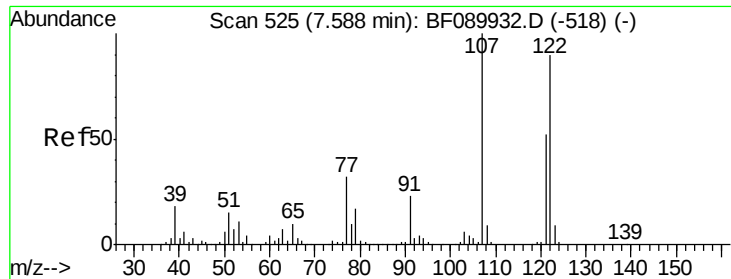
109 25.6 21.0 31.4

65 50.4 43.4 65.0



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

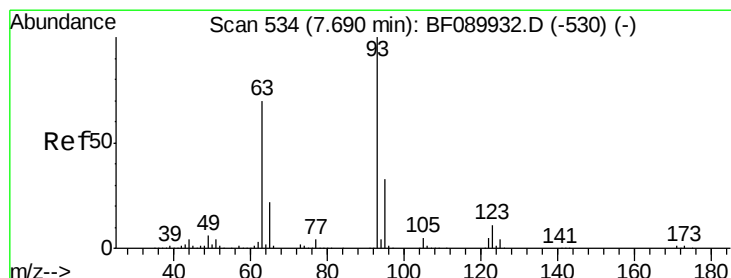
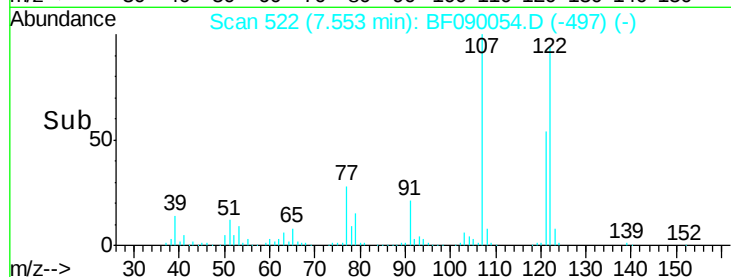
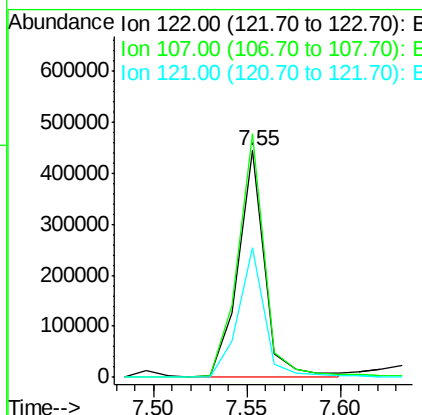
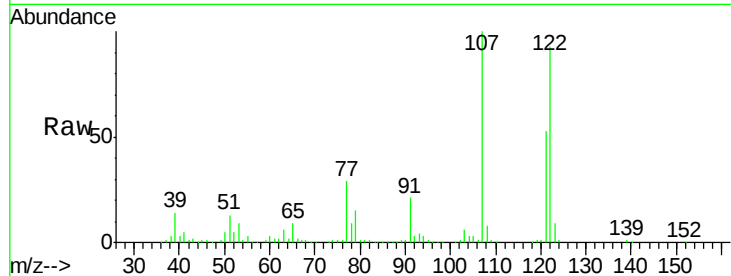




#27
 2,4-Dimethylphenol
 Concen: 37.99 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

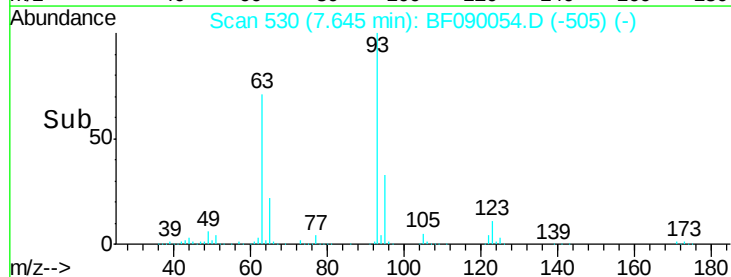
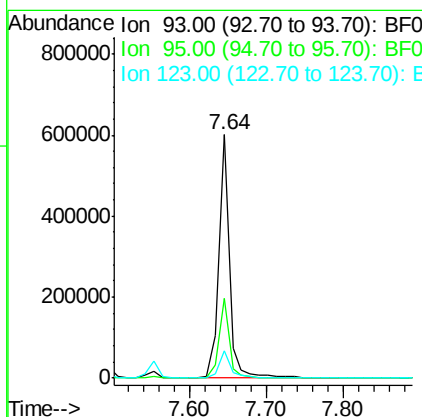
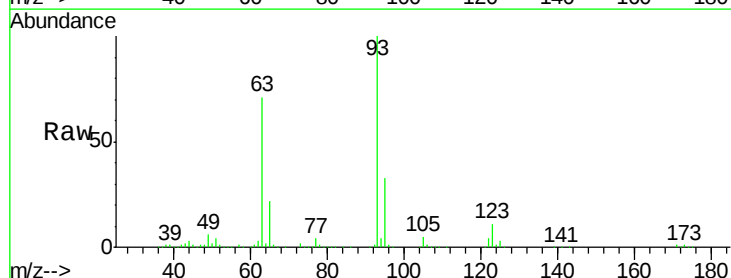
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

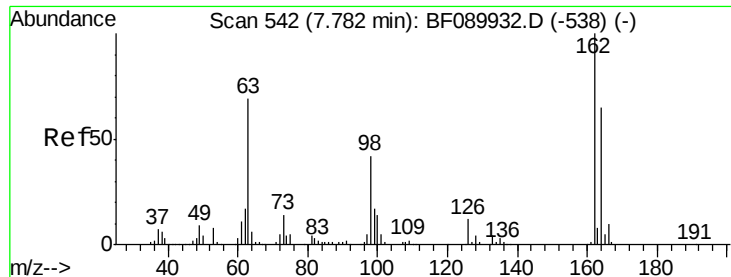
Tgt Ion:122 Resp: 443549
 Ion Ratio Lower Upper
 122 100
 107 107.4 88.5 132.7
 121 57.4 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.66 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Tgt Ion: 93 Resp: 573676
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.6 40.0
 123 11.2 9.1 13.7

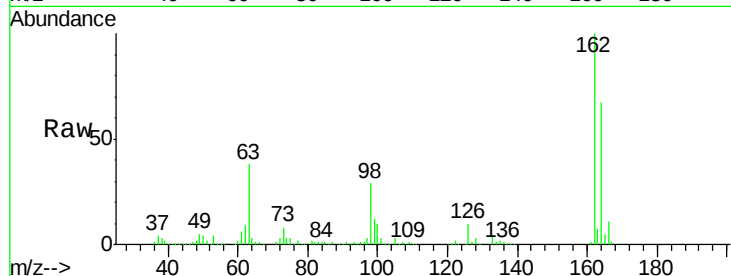




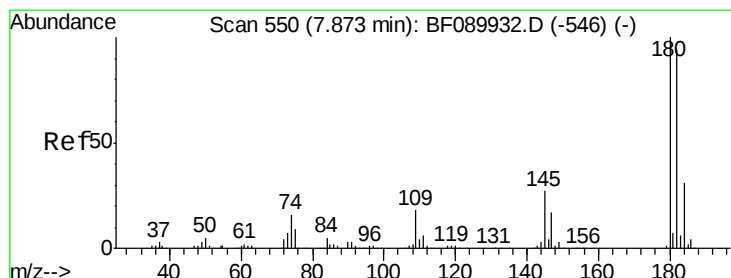
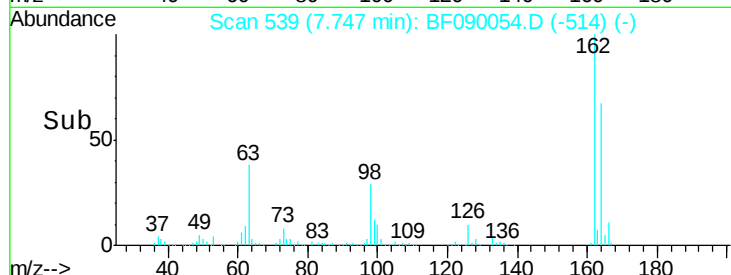
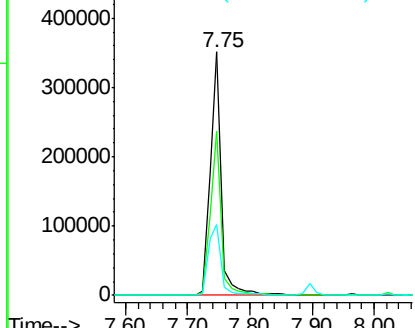
#29
 2,4-Dichlorophenol
 Concen: 40.97 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.3	46.6	86.6
98	29.0	22.0	62.0

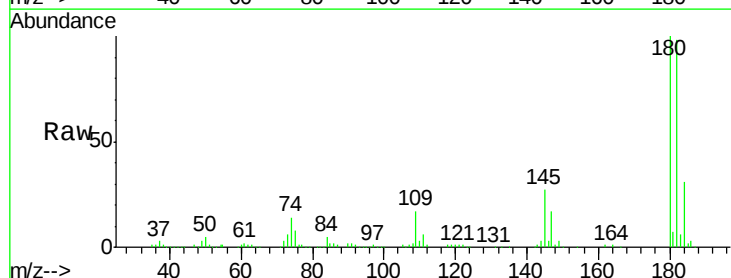


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

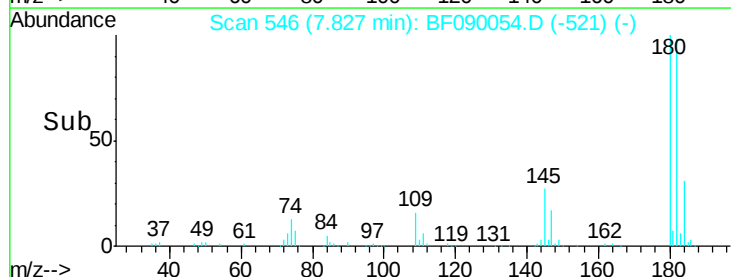
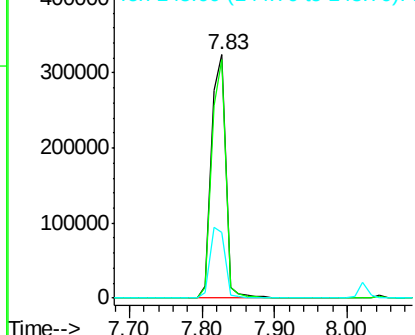


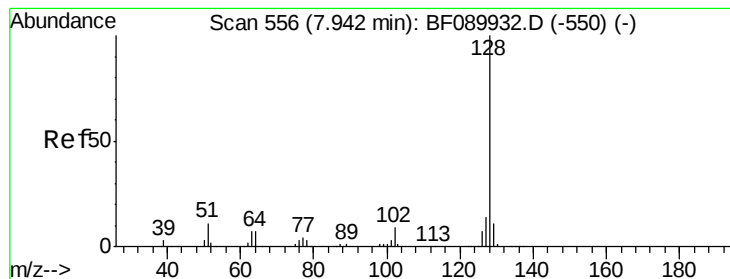
#30
 1,2,4-Trichlorobenzene
 Concen: 38.93 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	76.2	114.2
145	26.7	22.2	33.4



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





#31

Naphthalene

Concen: 35.46 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

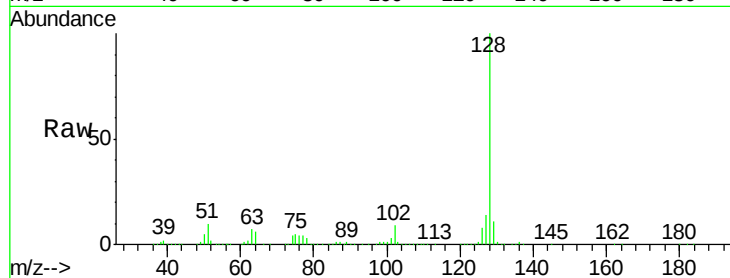
Tgt Ion:128 Resp: 1272434

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

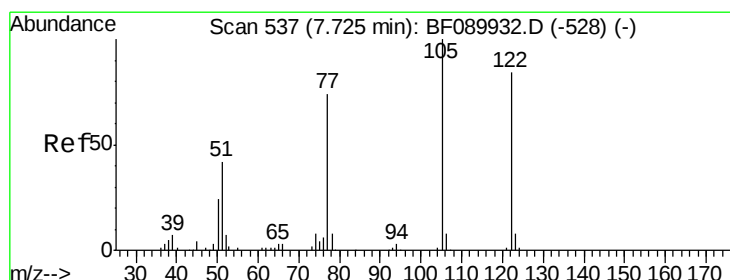
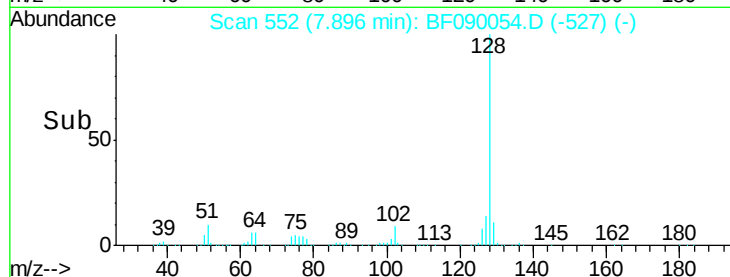
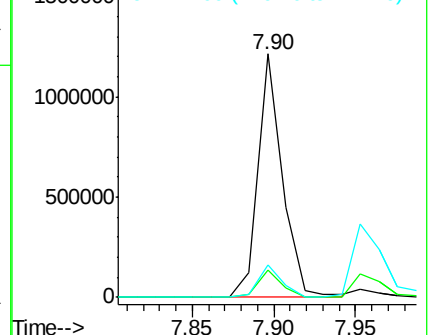
127 13.5 10.7 16.1



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: 4.95 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

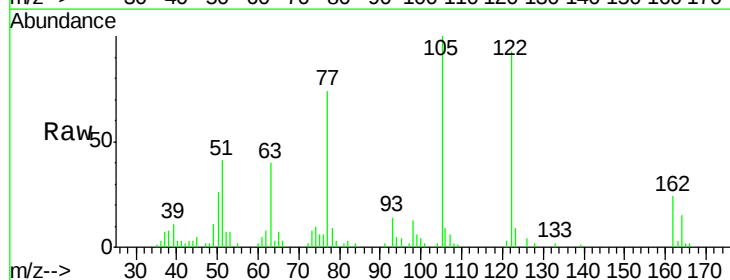
Tgt Ion:122 Resp: 38935

Ion Ratio Lower Upper

122 100

105 107.6 102.2 142.2

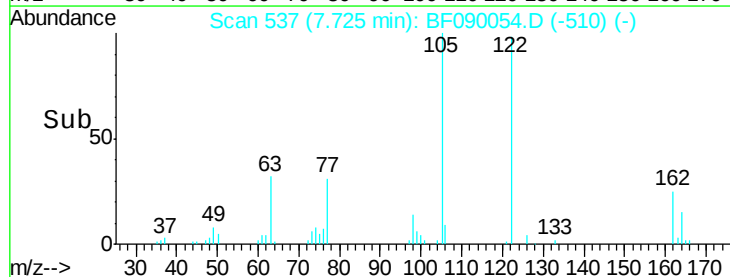
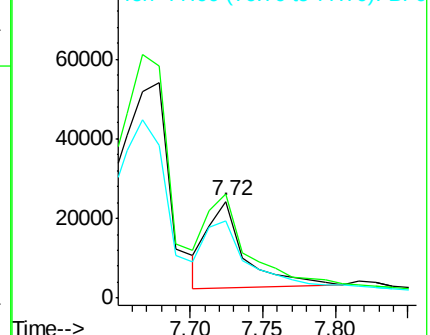
77 79.7 74.1 114.1

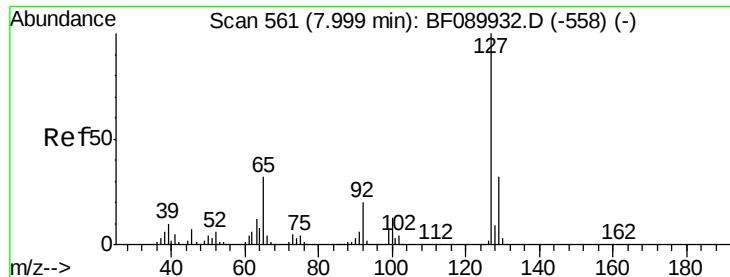


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

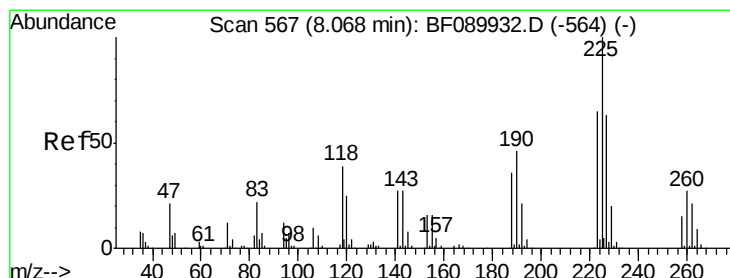
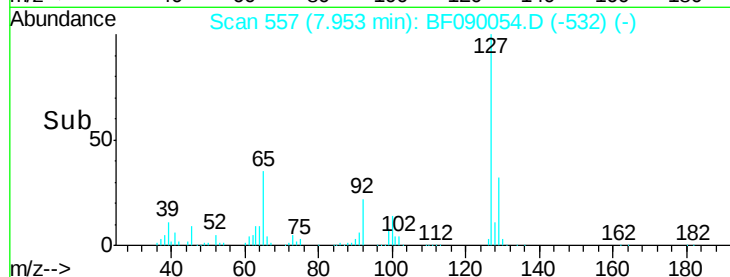
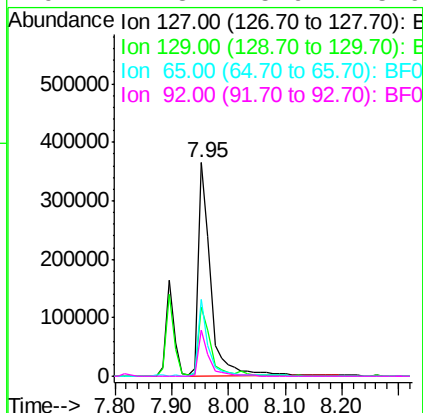
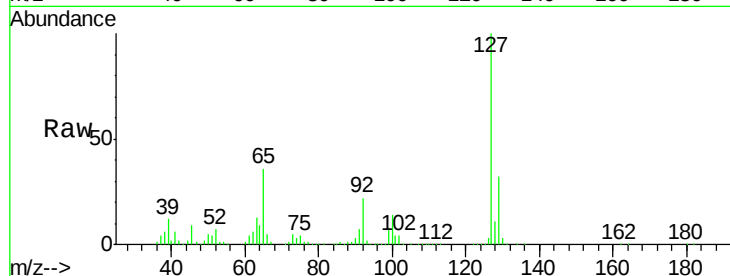




#33
4-Chloroaniline
Concen: 36.87 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

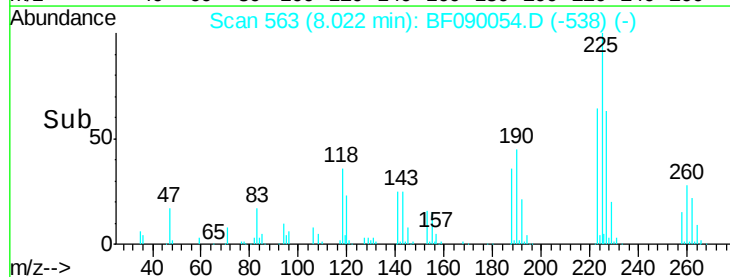
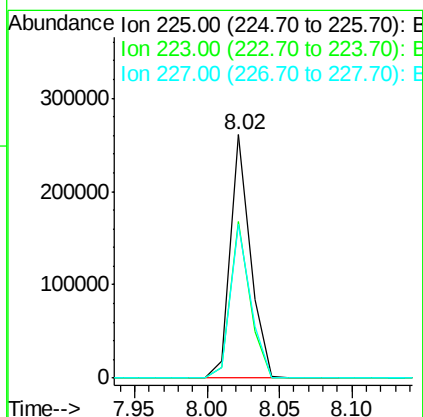
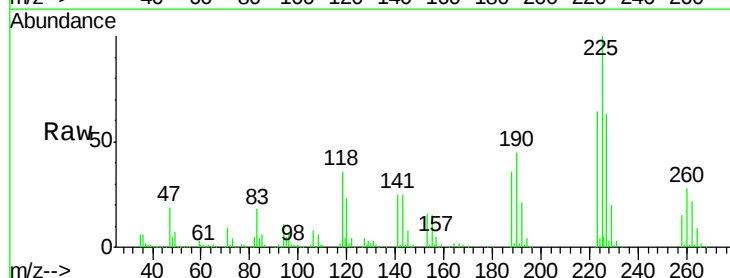
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

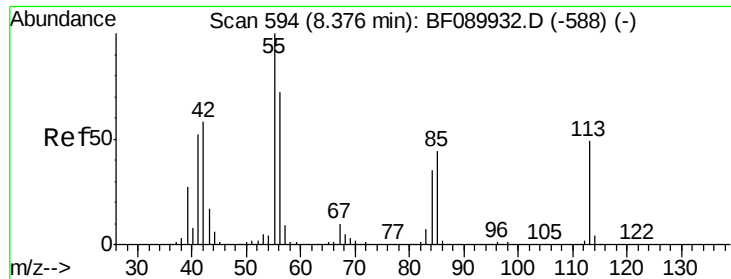
Tgt Ion:	127	Resp:	533826
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	36.2	26.0	39.0
92	21.8	15.9	23.9



#34
Hexachlorobutadiene
Concen: 37.40 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

Tgt Ion:	225	Resp:	250795
Ion	Ratio	Lower	Upper
225	100		
223	64.4	52.6	78.8
227	63.2	50.8	76.2

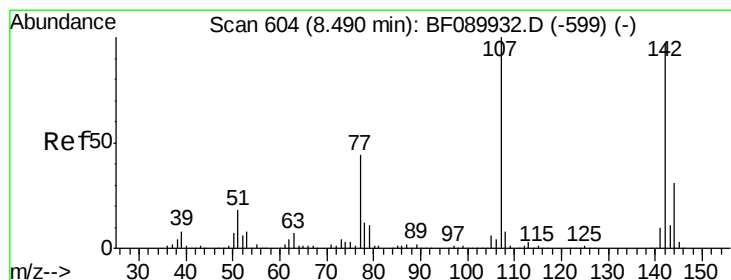
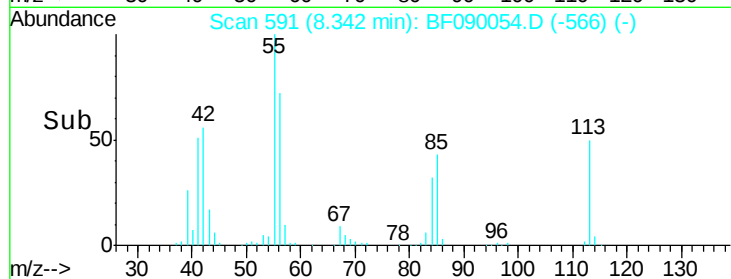
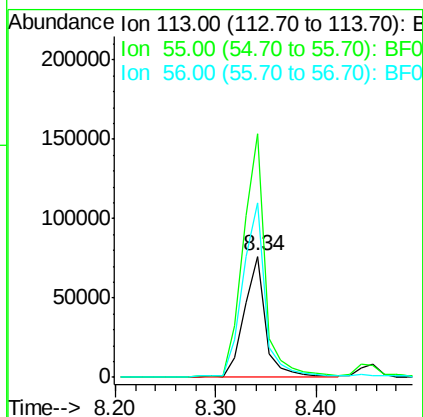
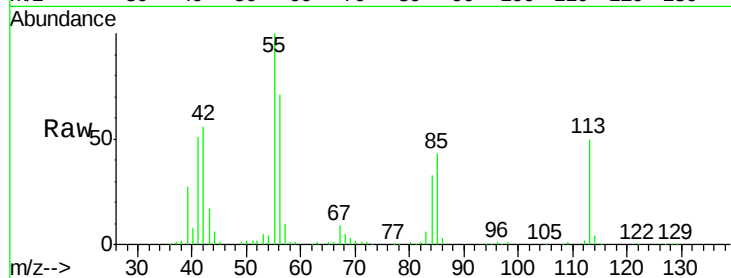




#35
 Caprolactam
 Concen: 34.24 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

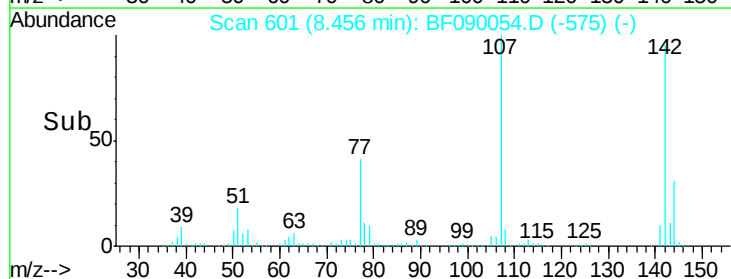
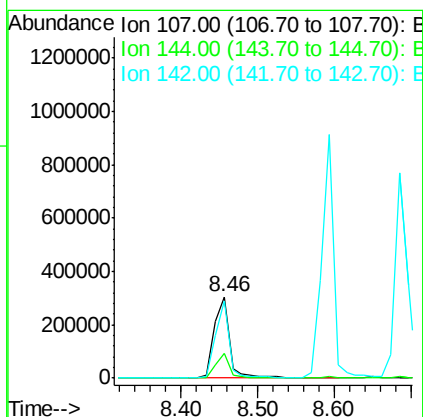
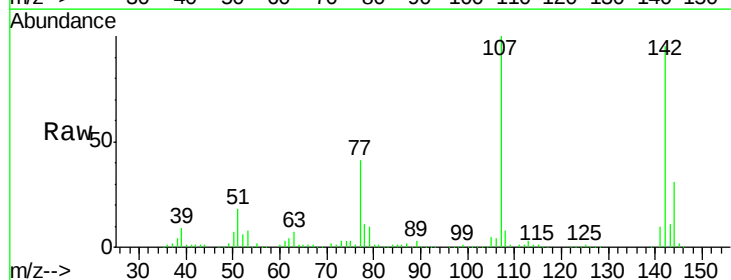
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

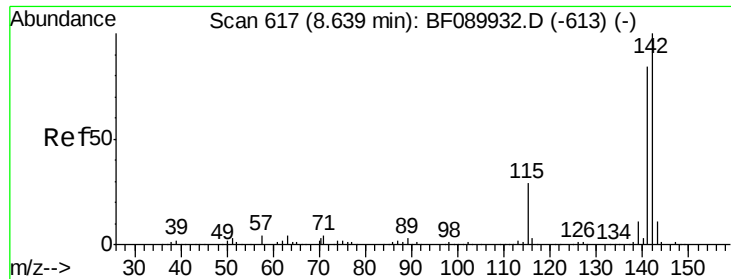
Tgt Ion:113 Resp: 113129
 Ion Ratio Lower Upper
 113 100
 55 200.8 178.5 218.5
 56 143.4 122.7 162.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.25 ng
 RT: 8.46 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Tgt Ion:107 Resp: 424089
 Ion Ratio Lower Upper
 107 100
 144 30.6 25.8 38.8
 142 94.9 79.2 118.8

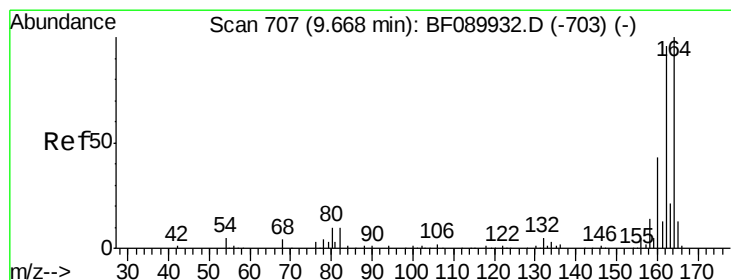
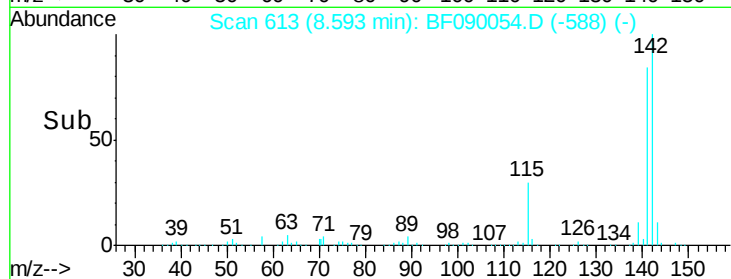
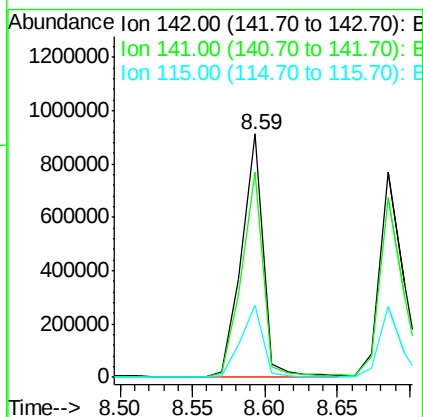
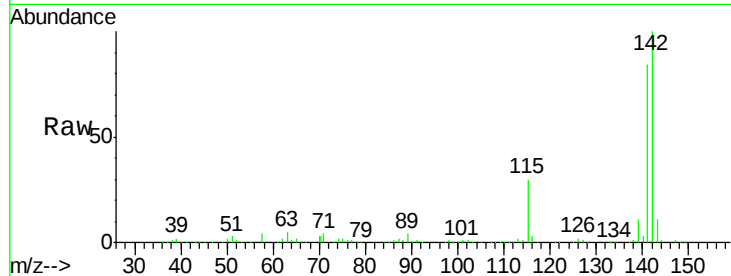




#37
 2-Methylnaphthalene
 Concen: 40.23 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

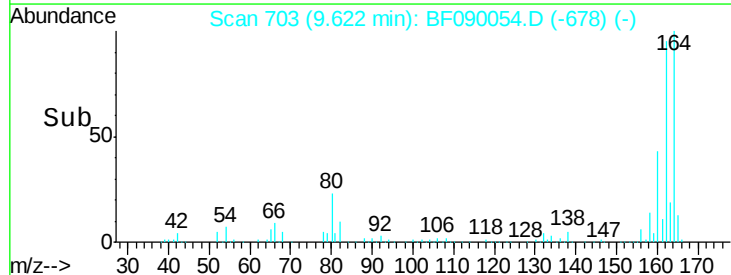
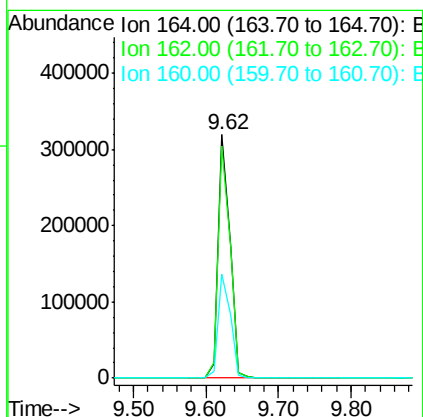
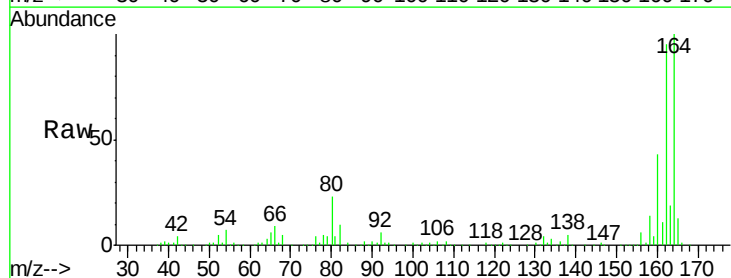
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

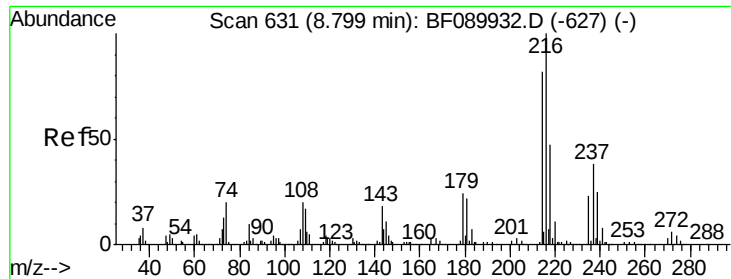
Tgt Ion:142 Resp: 953931
 Ion Ratio Lower Upper
 142 100
 141 84.3 68.3 102.5
 115 29.6 23.8 35.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Tgt Ion:164 Resp: 361543
 Ion Ratio Lower Upper
 164 100
 162 95.2 77.1 115.7
 160 42.9 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.71 ng

RT: 8.75 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 441802

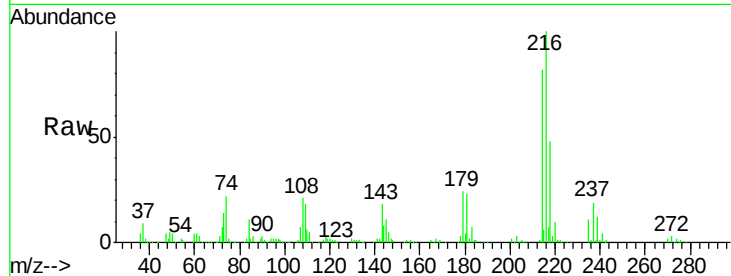
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.2

179 20.7 17.3 25.9

108 15.8 15.5 23.3

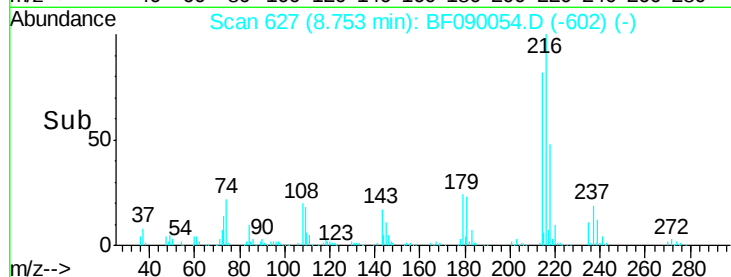


Abundance Ion 216.00 (215.70 to 216.70): E

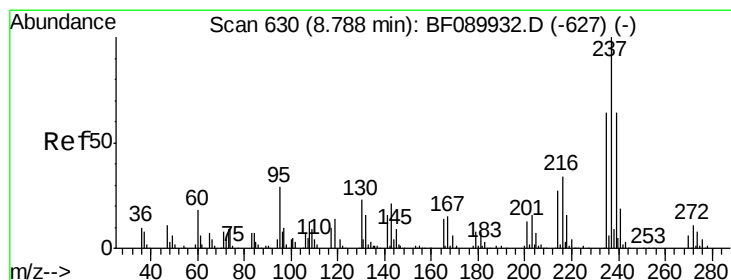
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.60 8.70 8.80 8.90 9.00



#40

Hexachlorocyclopentadiene

Concen: 18.06 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

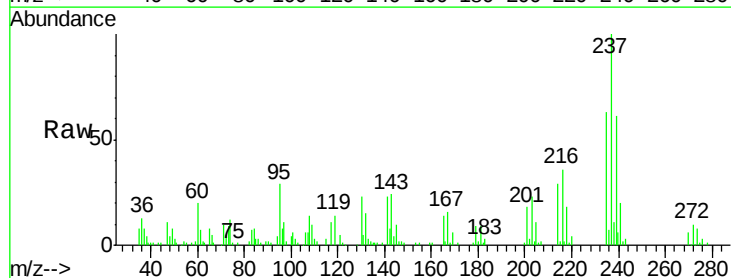
Tgt Ion:237 Resp: 98077

Ion Ratio Lower Upper

237 100

235 63.3 39.6 79.6

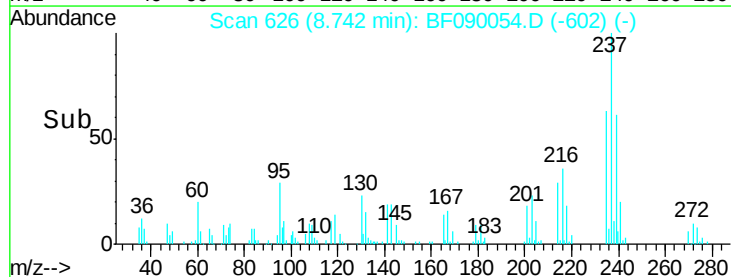
272 10.0 0.0 34.6



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



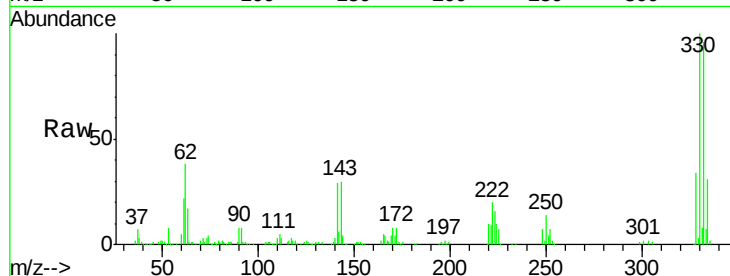
Time--> 8.70 8.75 8.80



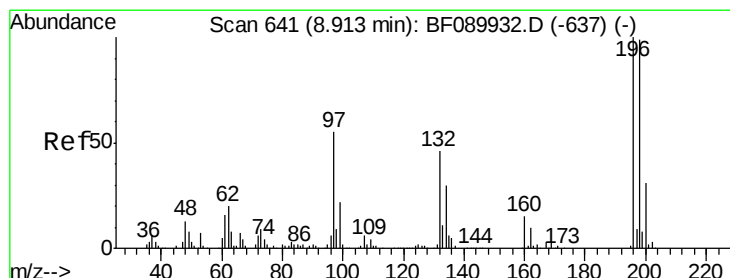
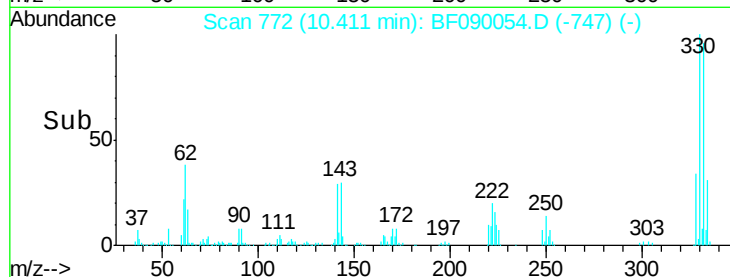
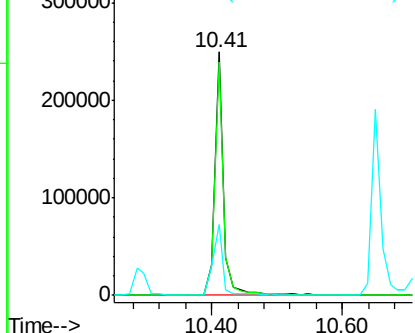
#41
 2,4,6-Tribromophenol
 Concen: 67.54 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 240894
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.6 117.8
 141 34.8 23.3 34.9

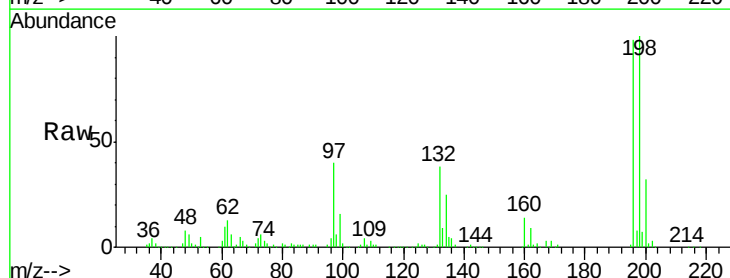


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

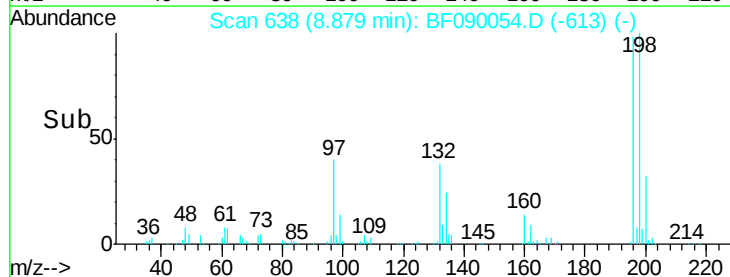
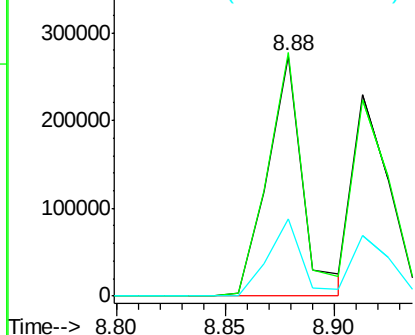


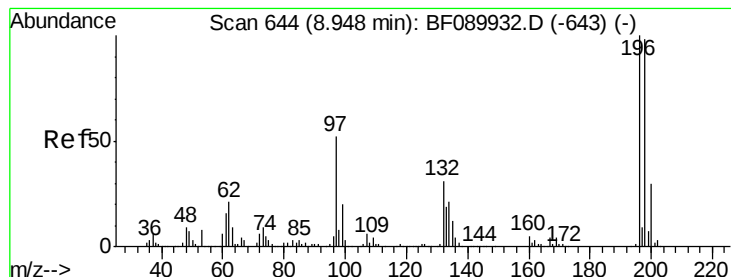
#42
 2,4,6-Trichlorophenol
 Concen: 42.01 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Tgt Ion:196 Resp: 308377
 Ion Ratio Lower Upper
 196 100
 198 101.5 78.3 117.5
 200 32.1 24.8 37.2



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

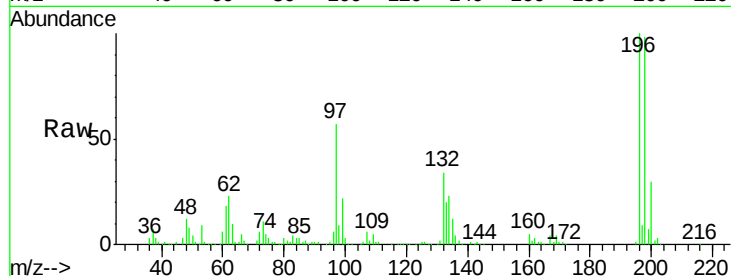




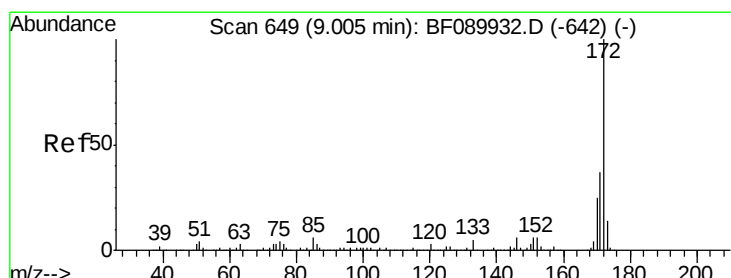
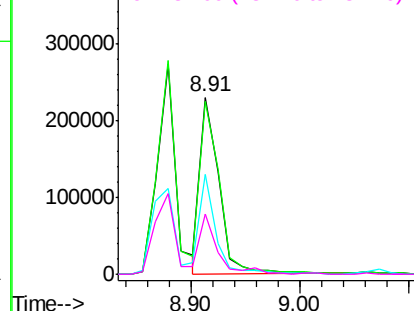
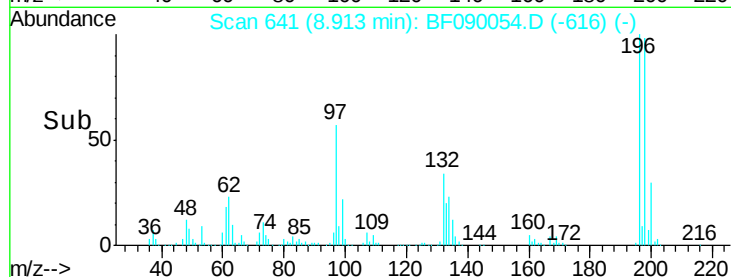
#43
 2,4,5-Trichlorophenol
 Concen: 39.26 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 277139
 Ion Ratio Lower Upper
 196 100
 198 97.6 80.8 121.2
 97 56.5 44.2 66.4
 132 34.3 25.8 38.6

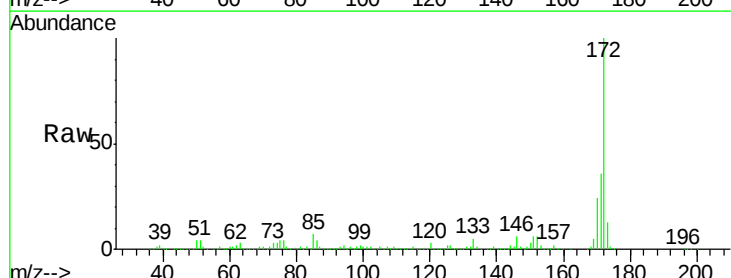


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

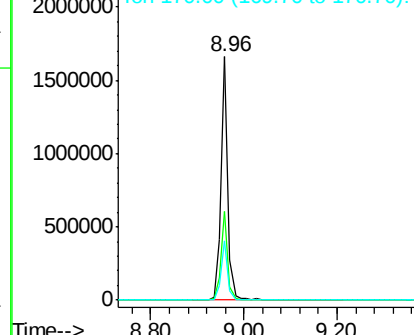
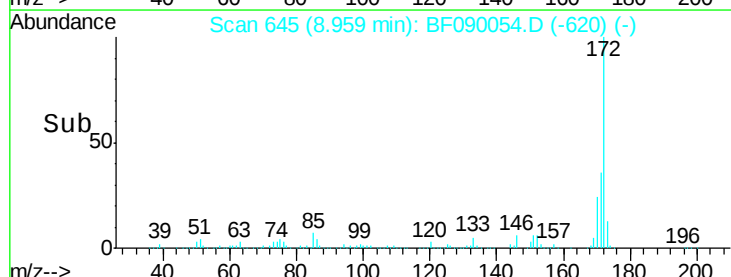


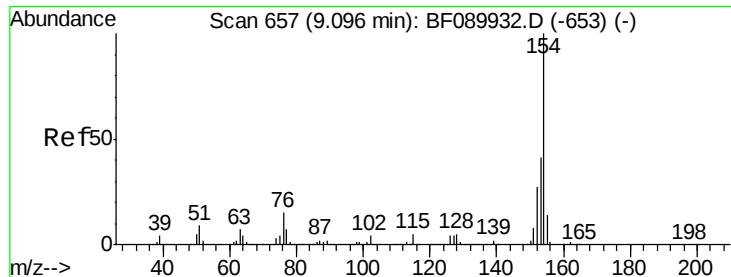
#44
 2-Fluorobiphenyl
 Concen: 76.67 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Tgt Ion:172 Resp: 1688534
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.5 20.1 30.1



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: 42.33 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

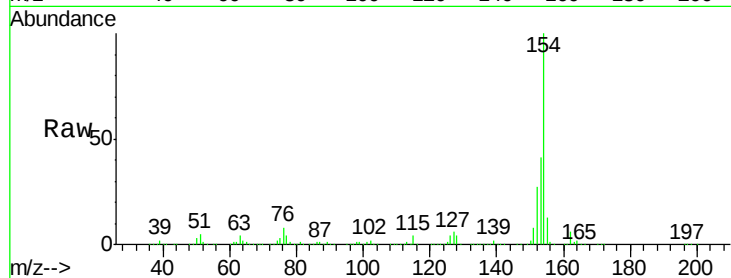
Tgt Ion:154 Resp: 1232364

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

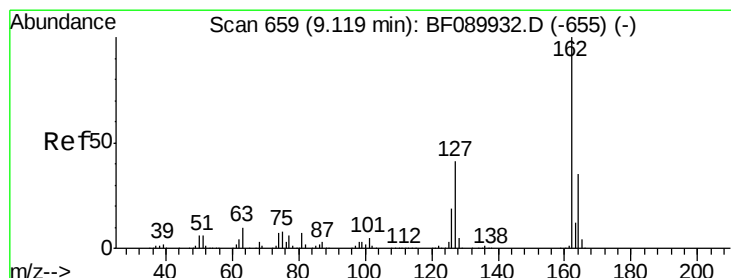
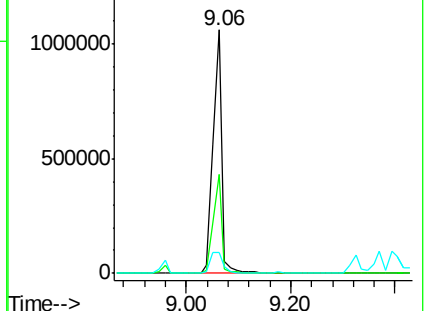
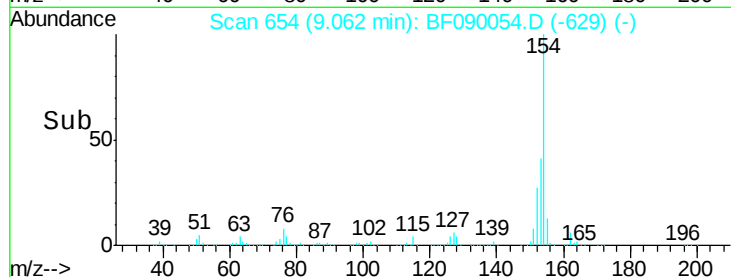
76 8.4 0.0 34.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.28 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

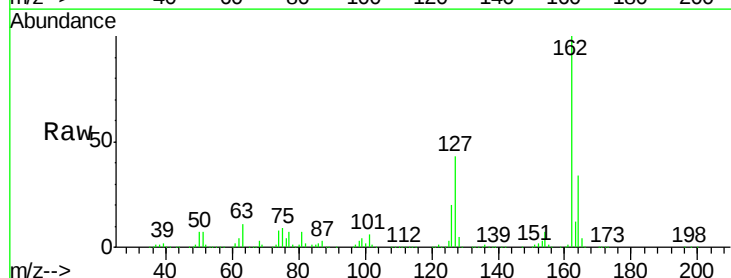
Tgt Ion:162 Resp: 808858

Ion Ratio Lower Upper

162 100

127 43.4 33.5 50.3

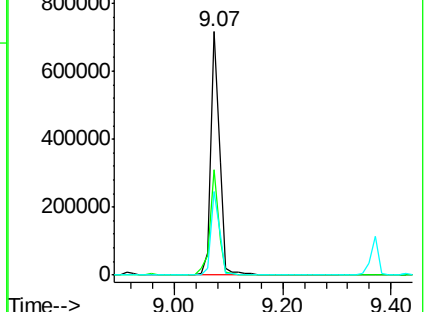
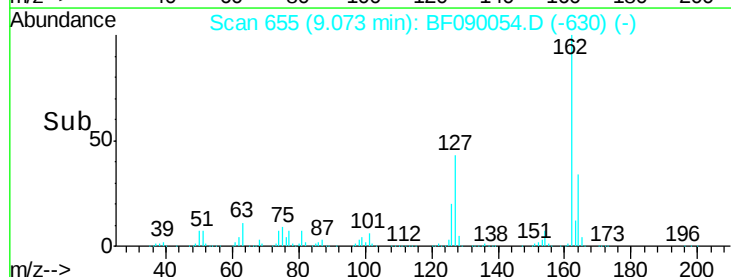
164 34.3 28.2 42.4

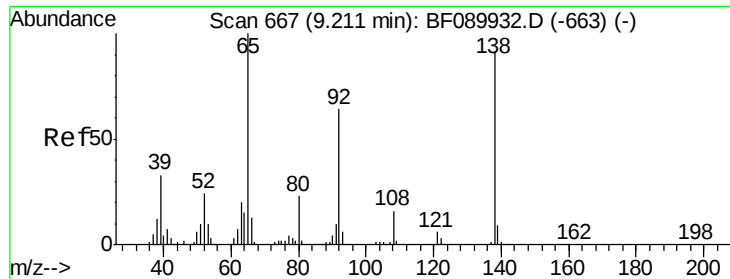


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

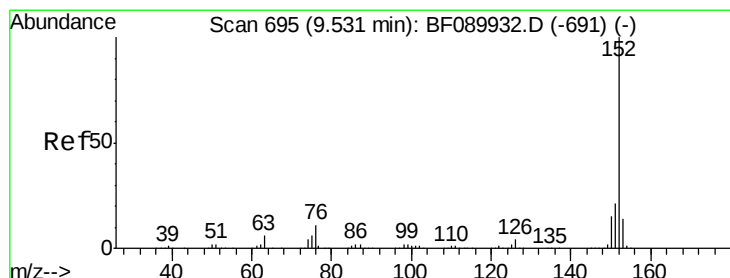
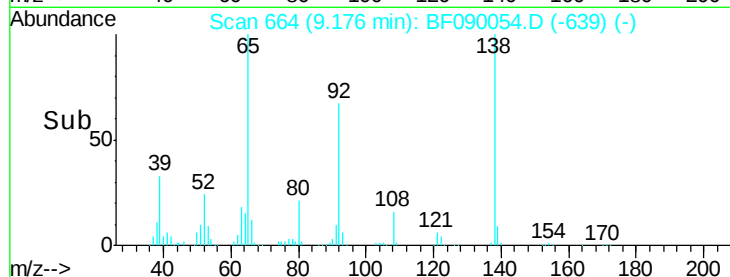
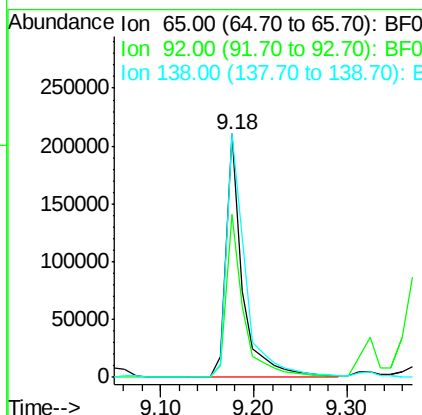
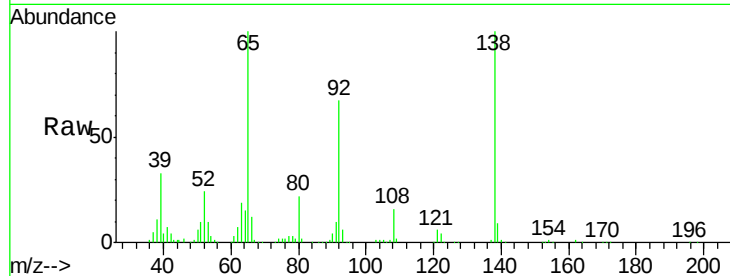




#47
2-Nitroaniline
Concen: 38.50 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

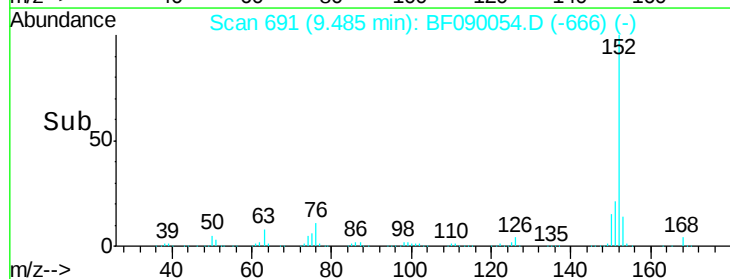
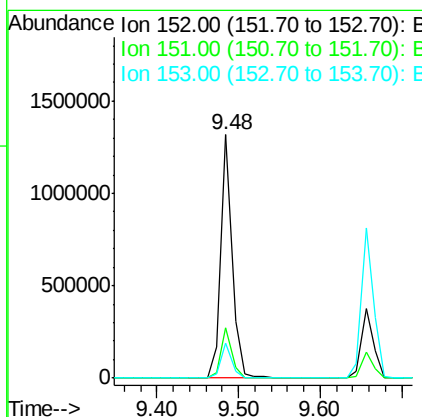
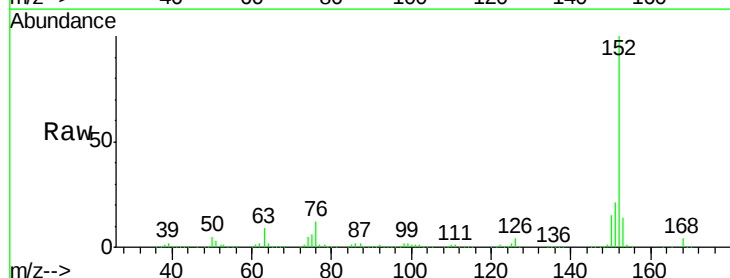
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

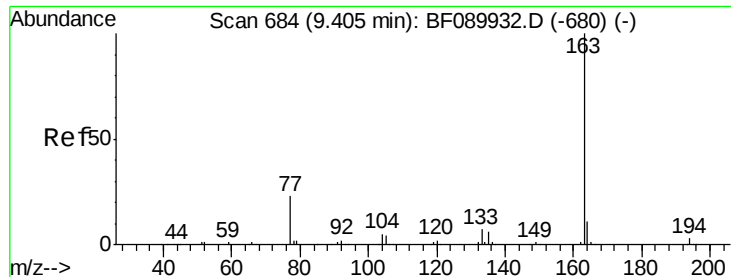
Tgt Ion: 65 Resp: 259170
Ion Ratio Lower Upper
65 100
92 66.8 52.0 78.0
138 100.0 72.1 108.1



#48
Acenaphthylene
Concen: 37.35 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

Tgt Ion: 152 Resp: 1271636
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1
153 14.4 11.6 17.4

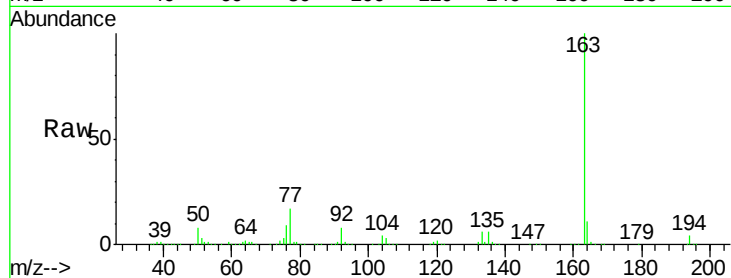




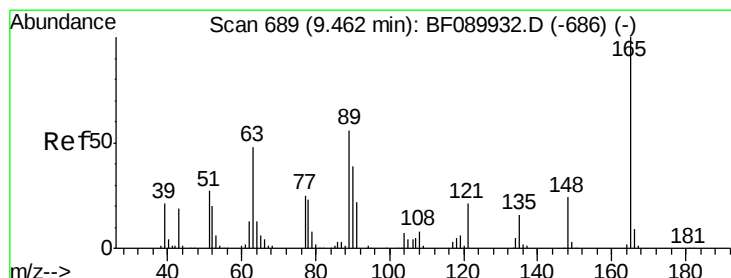
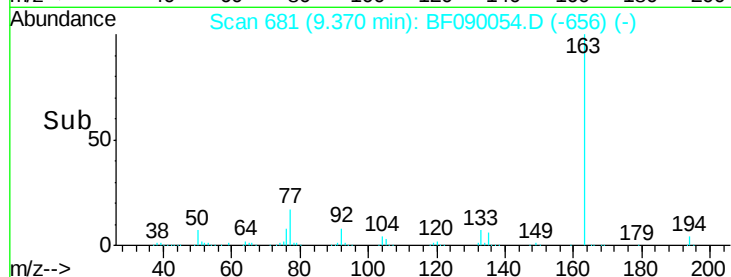
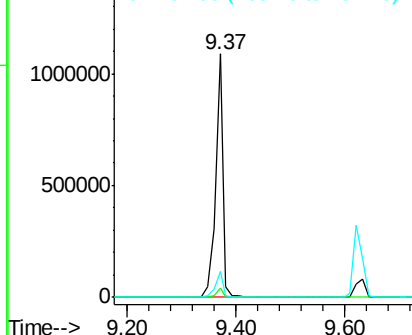
#49
Dimethylphthalate
Concen: 39.92 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 1043157
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.6 9.0 13.4

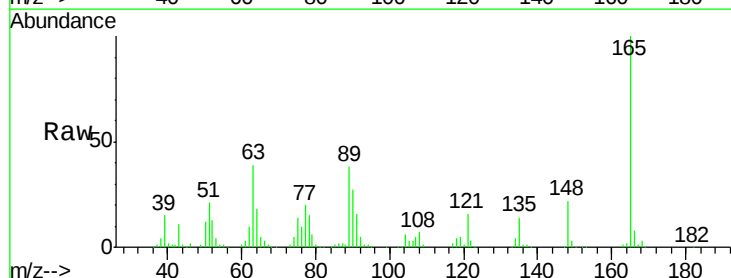


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

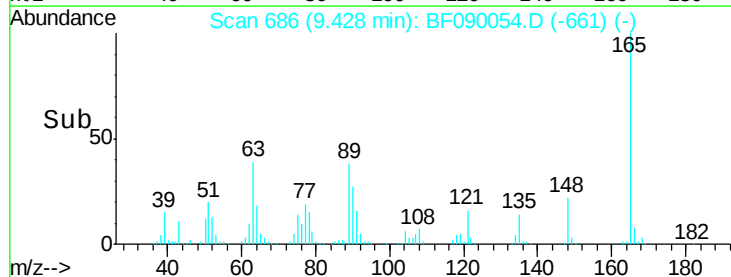
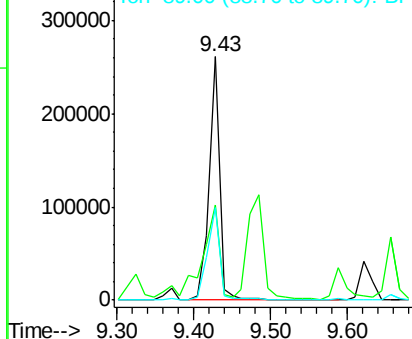


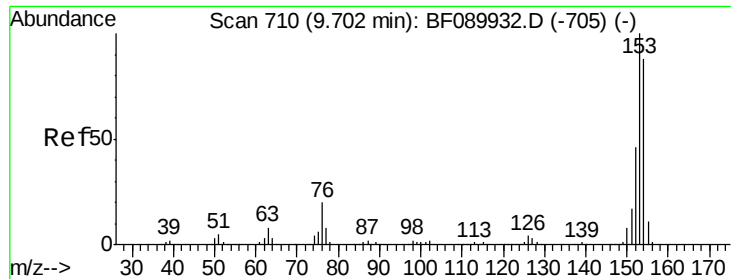
#50
2,6-Dinitrotoluene
Concen: 42.56 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

Tgt Ion:165 Resp: 247361
Ion Ratio Lower Upper
165 100
63 39.1 45.0 67.4#
89 38.1 41.5 62.3#



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: 35.56 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

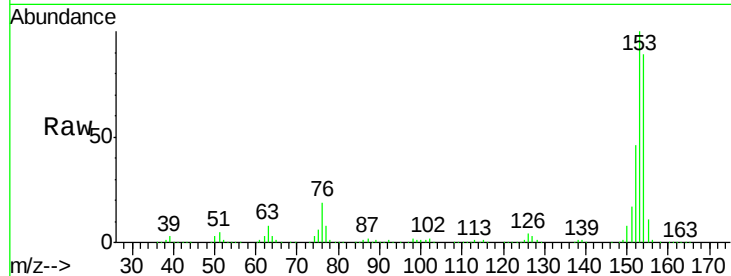
Tgt Ion:154 Resp: 767150

Ion Ratio Lower Upper

154 100

153 112.9 90.6 135.8

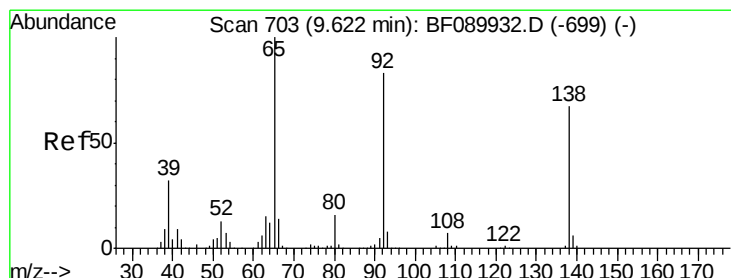
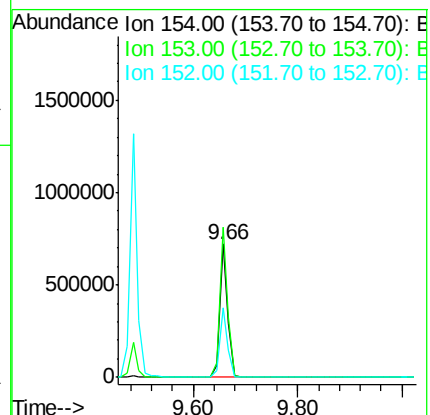
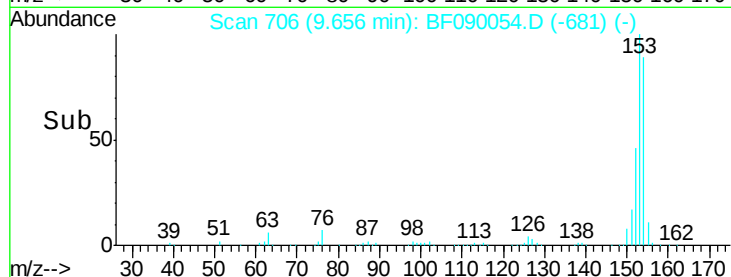
152 52.1 42.4 63.6



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: 37.62 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

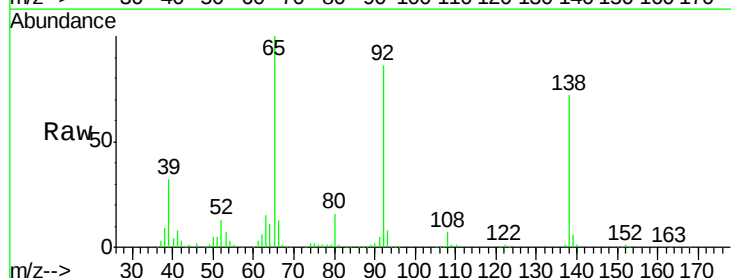
Tgt Ion:138 Resp: 249363

Ion Ratio Lower Upper

138 100

108 10.3 8.3 12.5

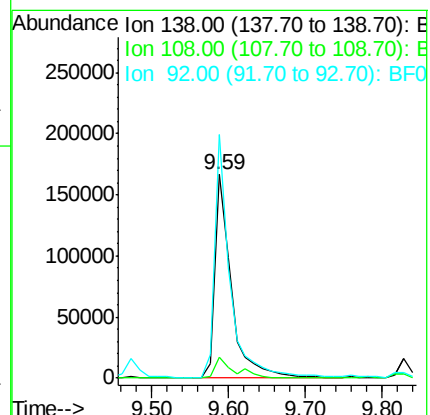
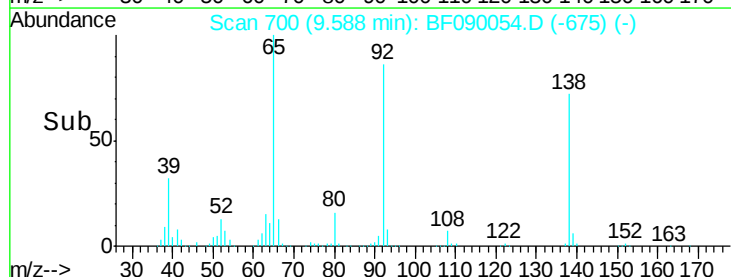
92 119.7 99.1 148.7

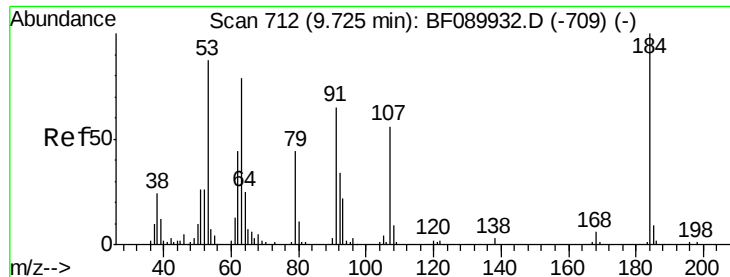


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

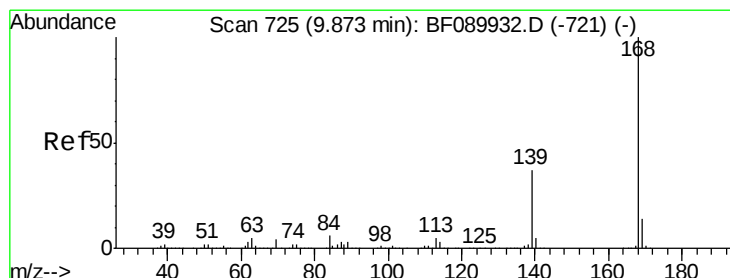
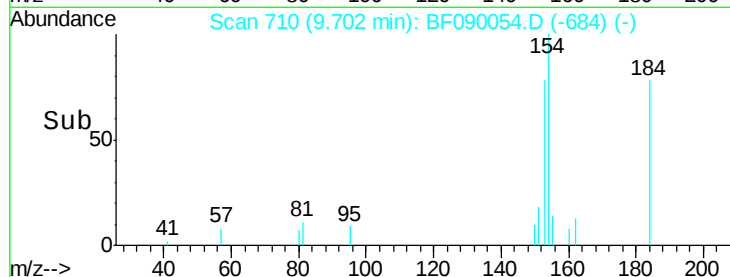
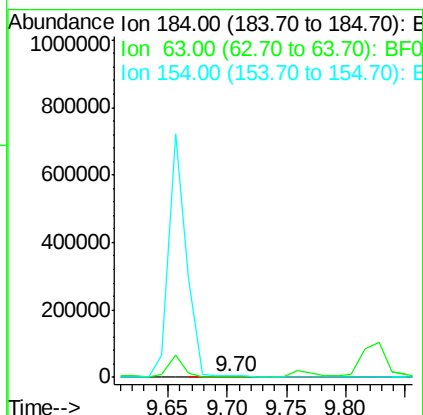
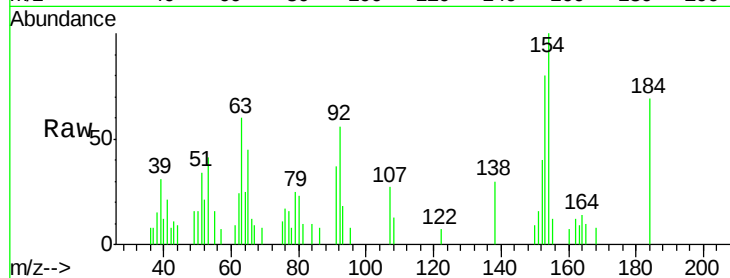




#53
2,4-Dinitrophenol
Concen: 5.34 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

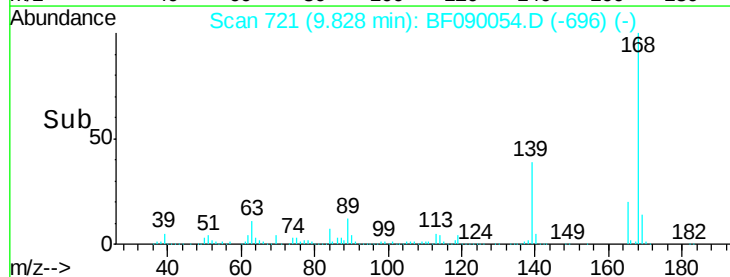
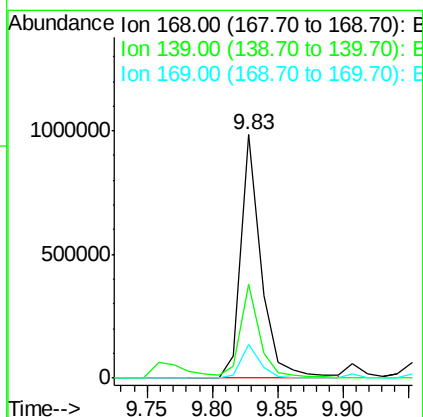
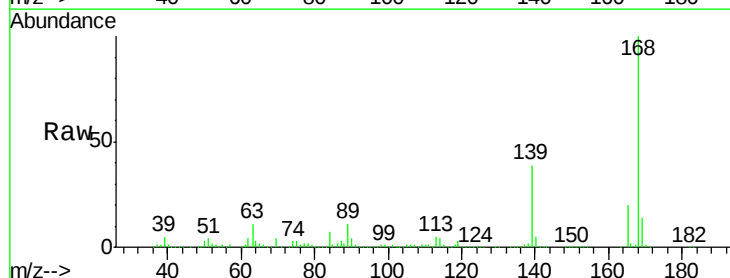
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

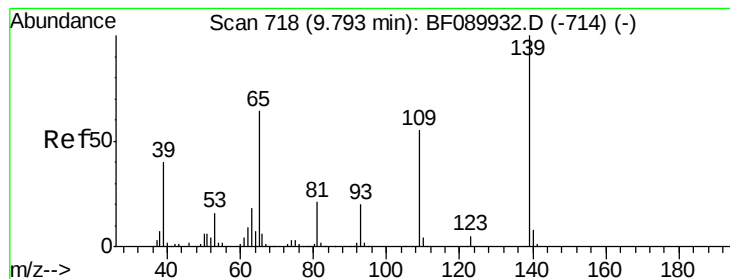
Tgt Ion:184 Resp: 7347
Ion Ratio Lower Upper
184 100
63 86.6 73.9 110.9
154 144.8 53.5 80.3#



#54
Dibenzofuran
Concen: 36.73 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

Tgt Ion:168 Resp: 1061793
Ion Ratio Lower Upper
168 100
139 38.7 29.5 44.3
169 14.0 10.8 16.2





#55

4-Nitrophenol

Concen: 23.59 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

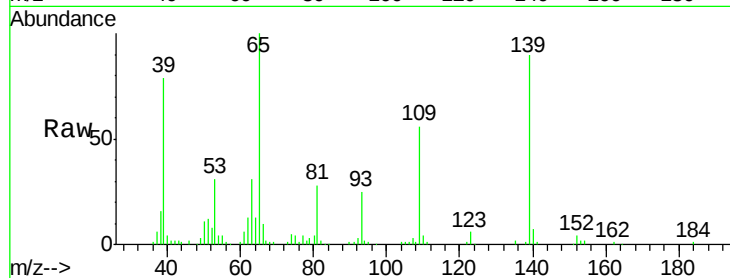
Tgt Ion:139 Resp: 117938

Ion Ratio Lower Upper

139 100

109 62.7 31.3 71.3

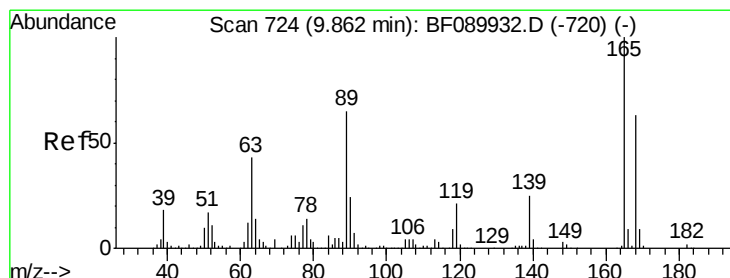
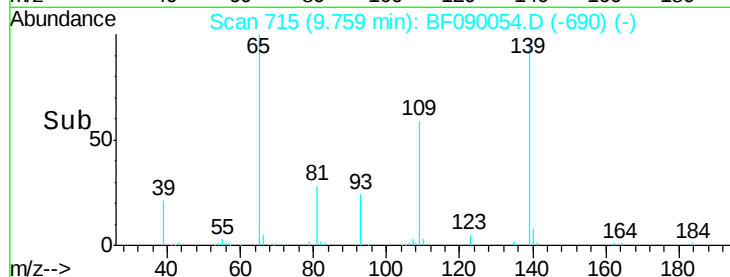
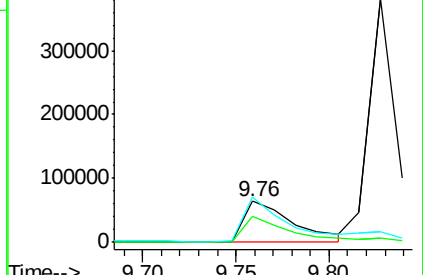
65 111.2 38.5 78.5#



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: 36.69 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Tgt Ion:165 Resp: 270426

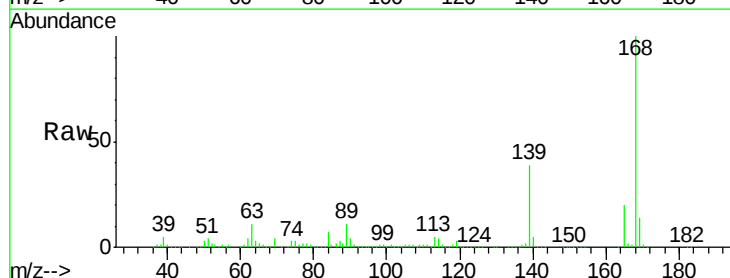
Ion Ratio Lower Upper

165 100

63 54.5 32.5 48.7#

89 58.8 48.3 72.5

182 2.5 1.7 2.5

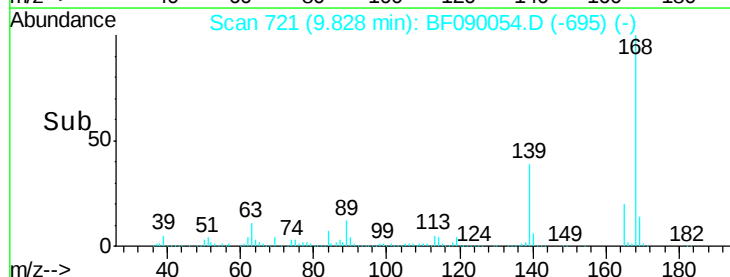
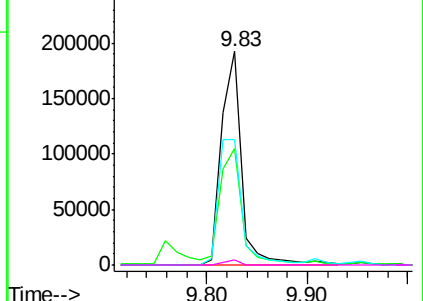


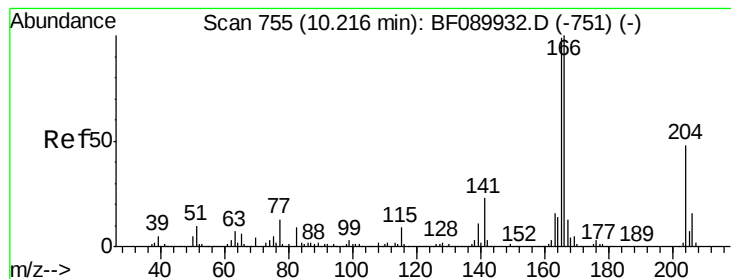
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.69 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

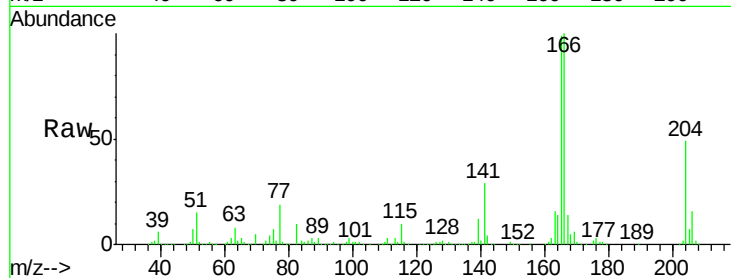
Tgt Ion:166 Resp: 859639

Ion Ratio Lower Upper

166 100

165 98.9 78.6 118.0

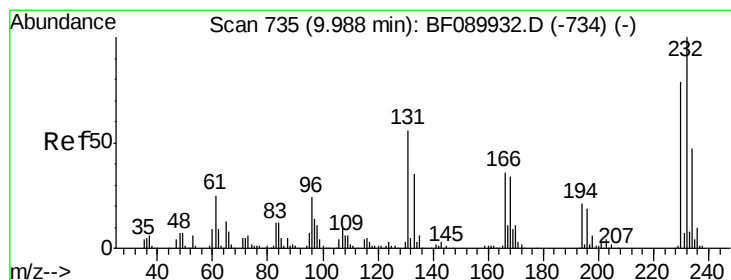
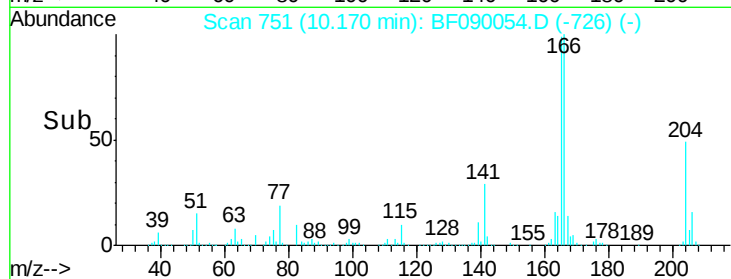
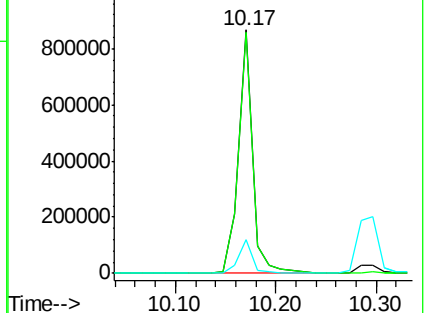
167 13.8 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.96 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.06 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Tgt Ion:232 Resp: 187101

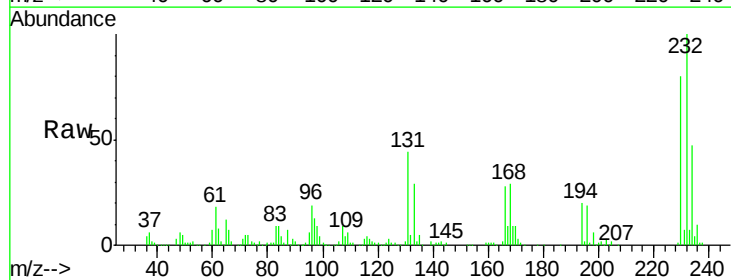
Ion Ratio Lower Upper

232 100

131 40.4 36.3 54.5

130 2.0 1.7 2.5

166 25.9 24.4 36.6

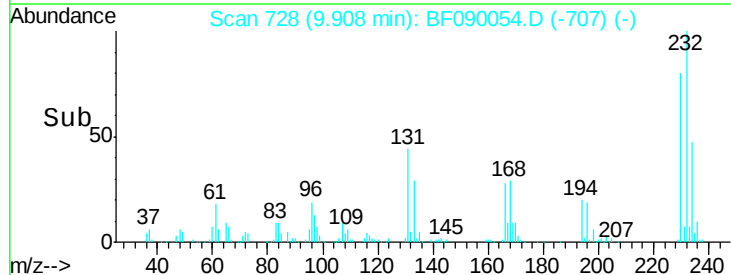
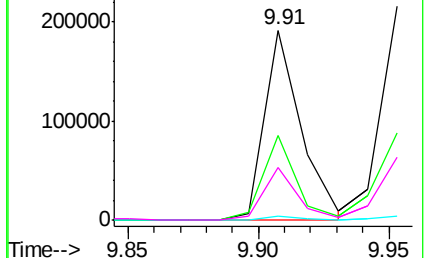


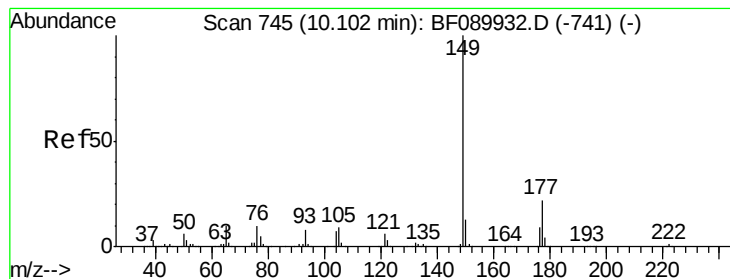
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.22 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

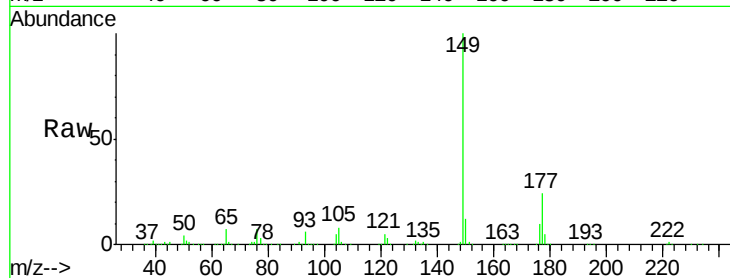
Tgt Ion:149 Resp: 988756

Ion Ratio Lower Upper

149 100

177 24.5 17.7 26.5

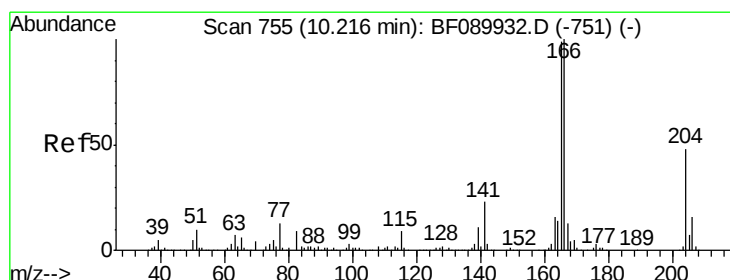
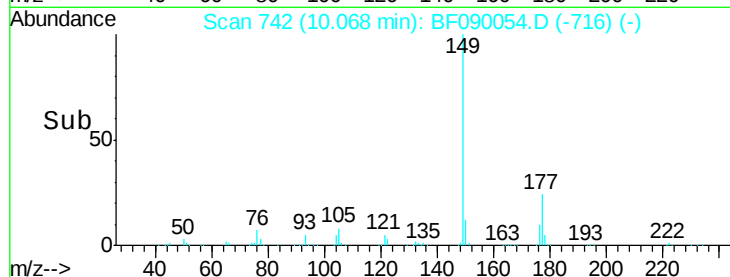
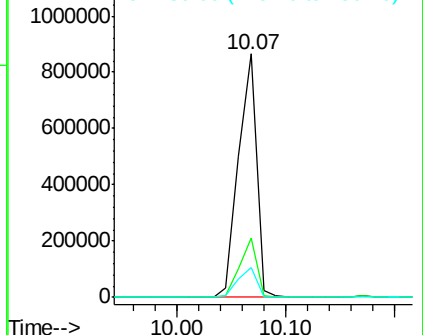
150 12.2 10.2 15.2



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: 41.62 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

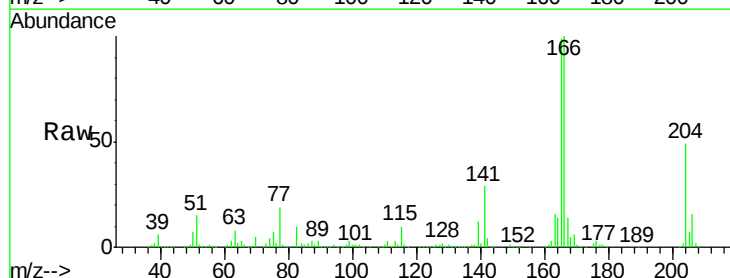
Tgt Ion:204 Resp: 413701

Ion Ratio Lower Upper

204 100

206 33.1 26.6 40.0

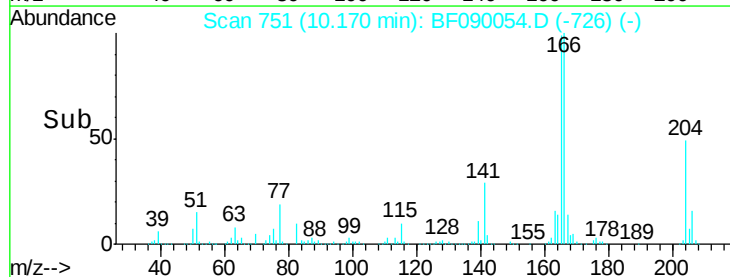
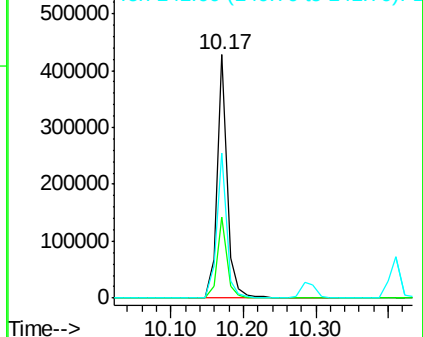
141 59.4 36.5 54.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.46 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

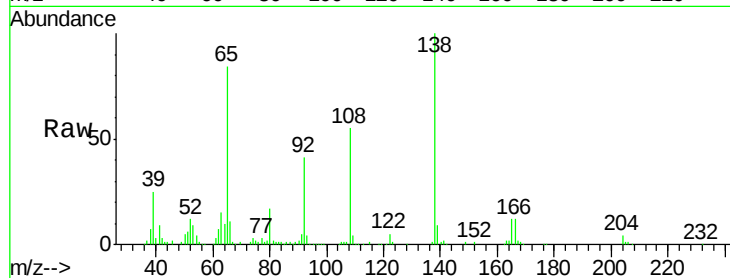
Tgt Ion:138 Resp: 250460

Ion Ratio Lower Upper

138 100

92 40.9 21.2 61.2

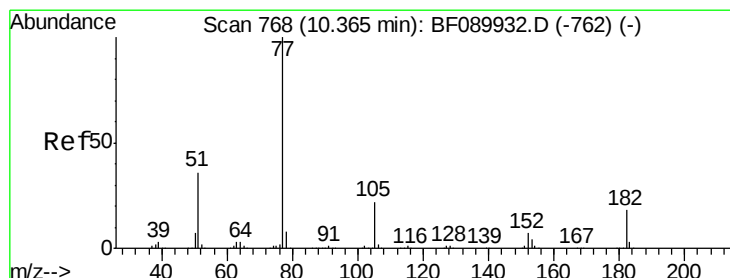
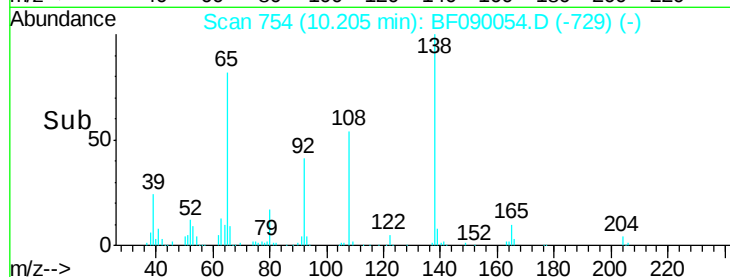
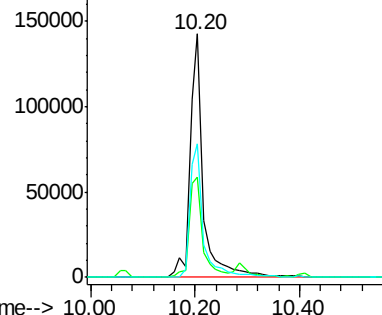
108 54.8 37.7 77.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.98 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Tgt Ion: 77 Resp: 908164

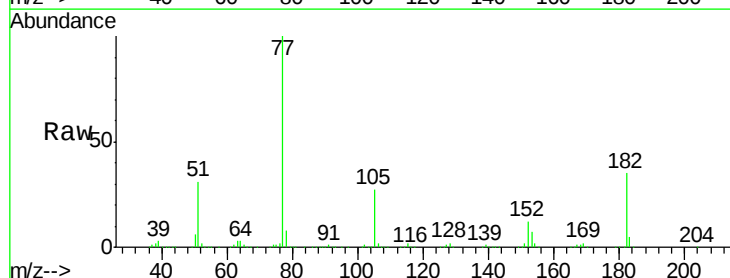
Ion Ratio Lower Upper

77 100

182 34.7 0.0 38.6

105 26.6 2.3 42.3

51 30.5 15.1 55.1

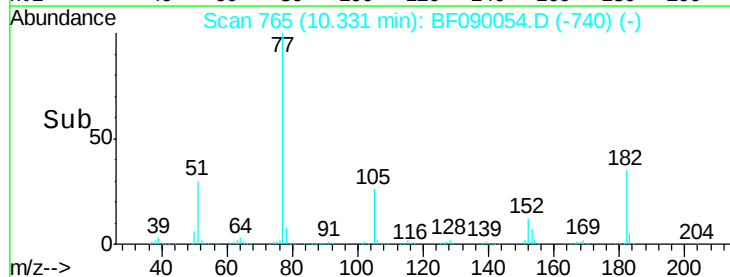
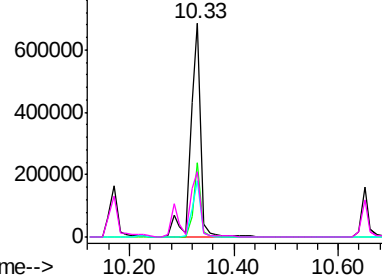


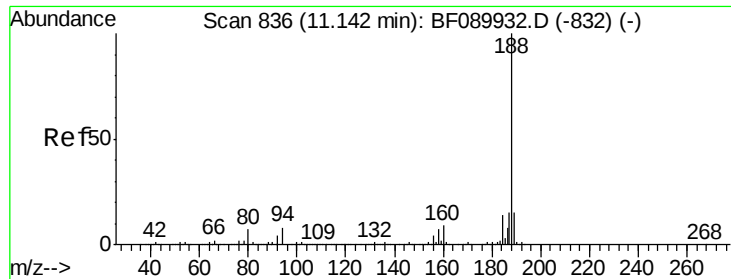
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

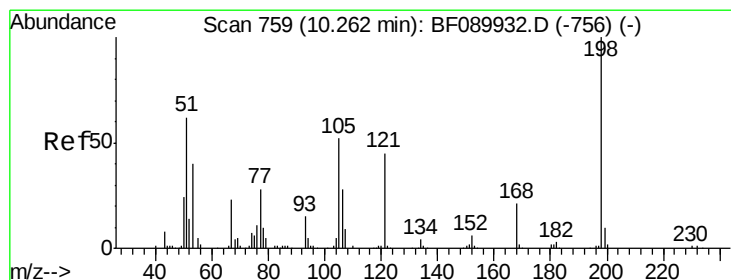
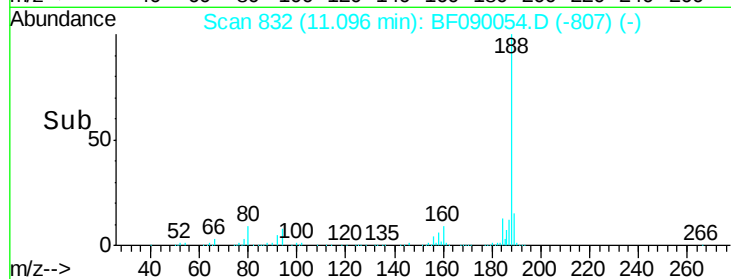
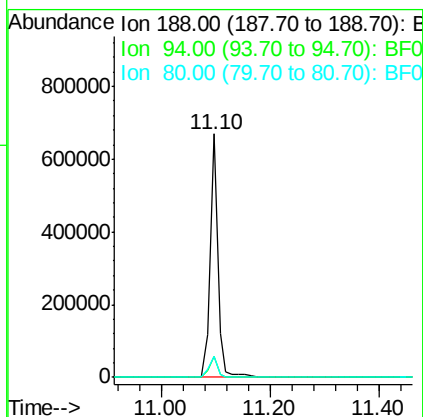
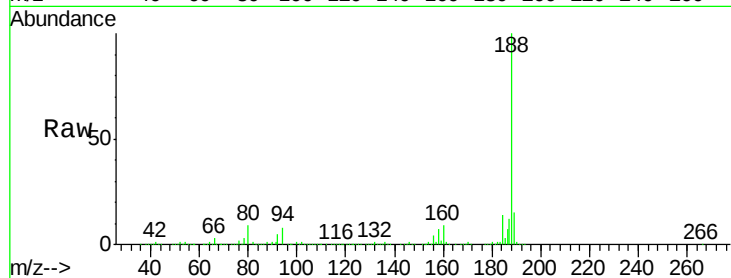




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

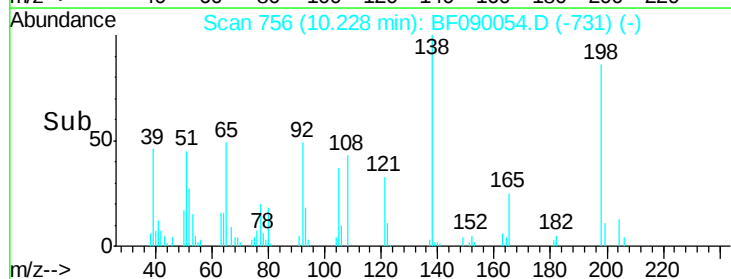
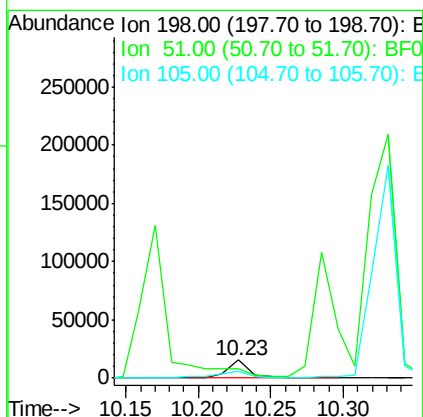
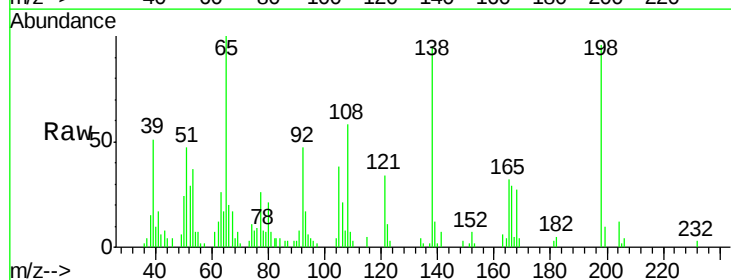
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

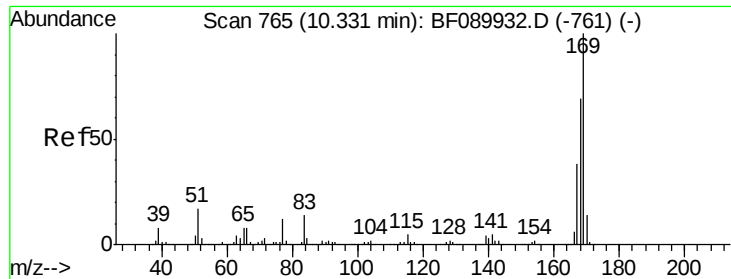
Tgt Ion:188 Resp: 665547
Ion Ratio Lower Upper
188 100
94 8.5 5.9 8.9
80 8.8 5.8 8.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 3.86 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

Tgt Ion:198 Resp: 16428
Ion Ratio Lower Upper
198 100
51 49.1 43.0 83.0
105 39.0 30.3 70.3





#65

n-Nitrosodiphenylamine

Concen: 39.81 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

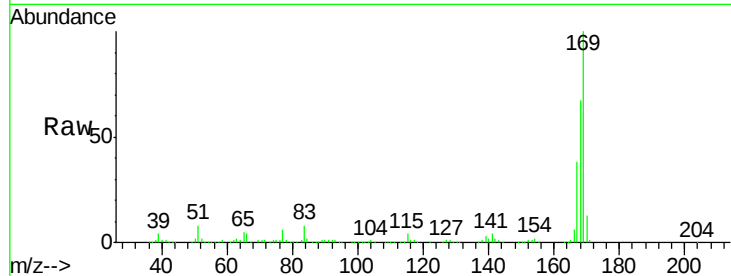
Tgt Ion:169 Resp: 796495

Ion Ratio Lower Upper

169 100

168 66.6 55.0 82.4

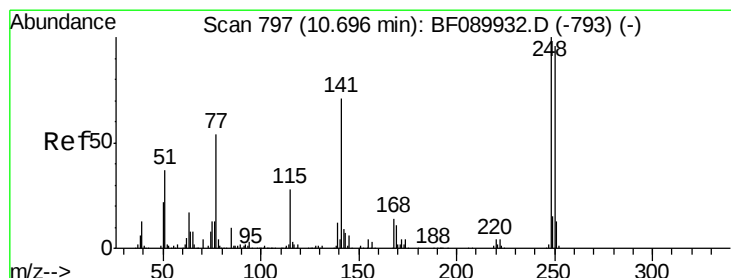
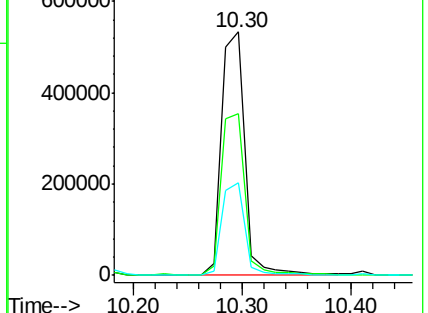
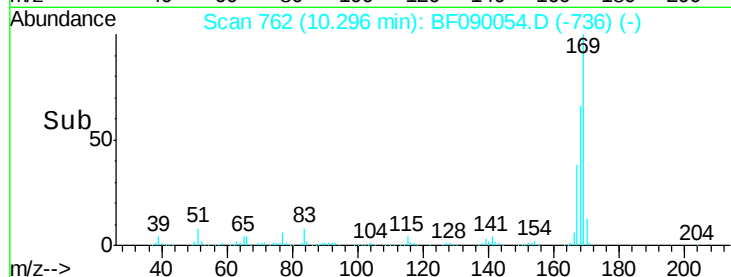
167 37.8 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.95 ng

RT: 10.65 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

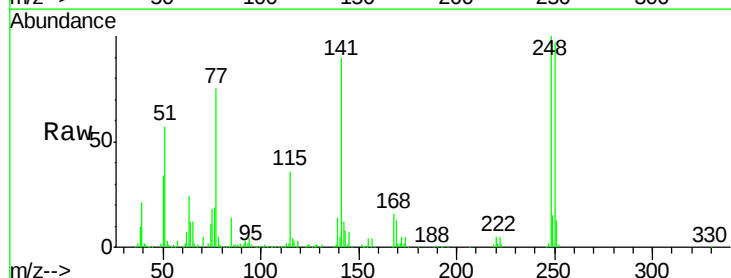
Tgt Ion:248 Resp: 274345

Ion Ratio Lower Upper

248 100

250 97.3 77.3 115.9

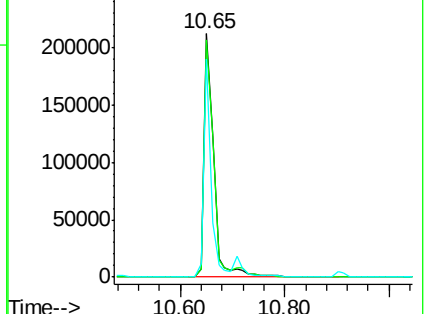
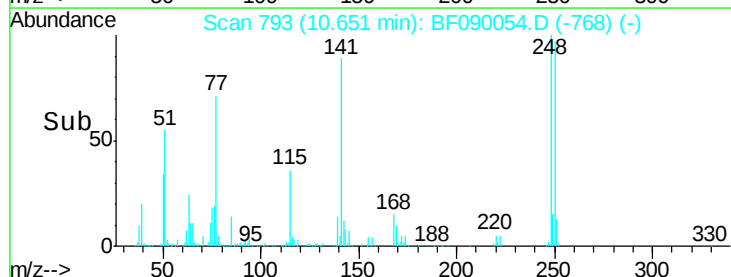
141 89.7 55.8 83.8#

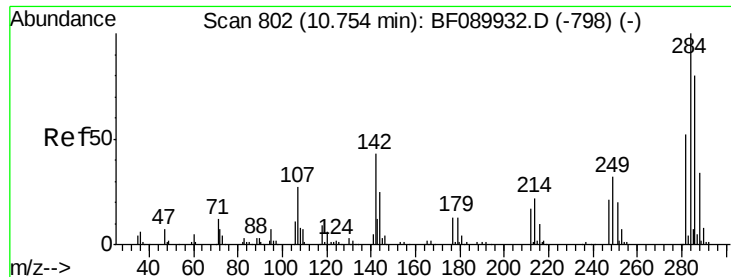


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

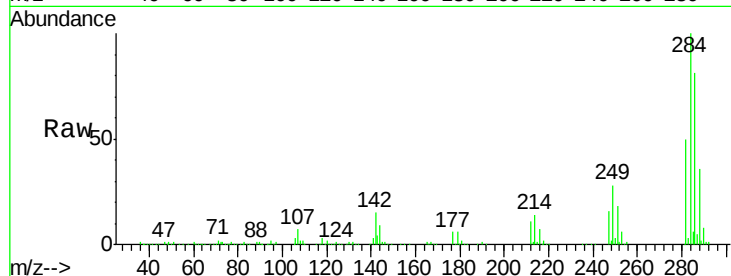




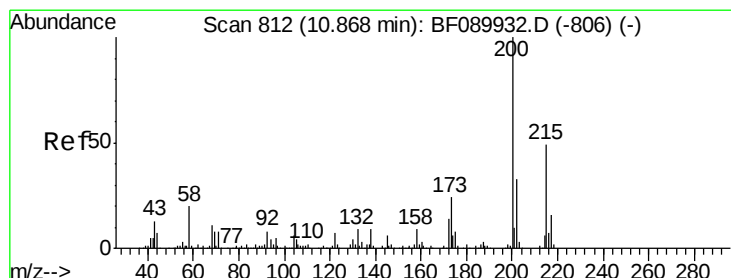
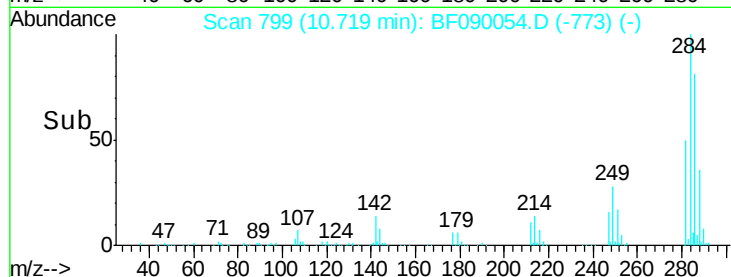
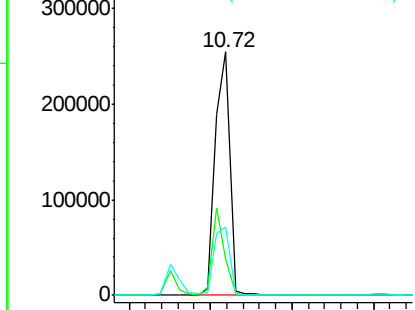
#67
Hexachlorobenzene
Concen: 41.67 ng
RT: 10.72 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 284 Resp: 318907
Ion Ratio Lower Upper
284 100
142 14.8 32.7 49.1#
249 27.9 26.9 40.3

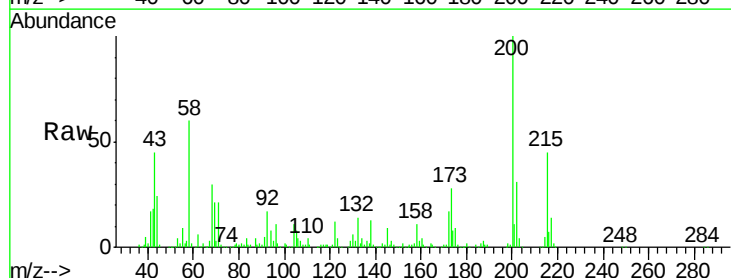


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

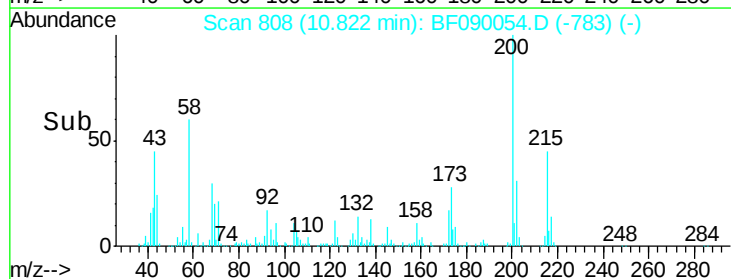
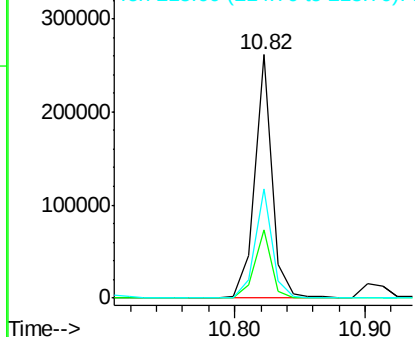


#68
Atrazine
Concen: 36.41 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF090054.D
Acq: 9 Sep 2016 18:54

Tgt Ion: 200 Resp: 243241
Ion Ratio Lower Upper
200 100
173 28.1 9.4 49.4
215 45.0 24.5 64.5



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: 28.61 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

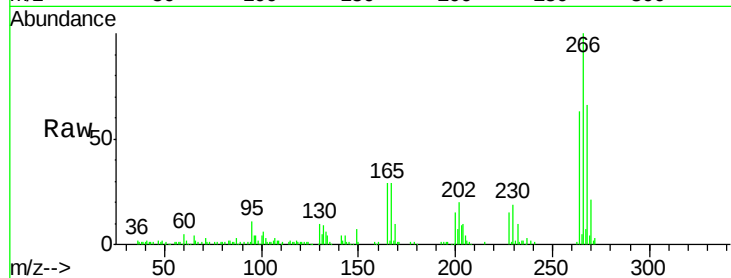
Tgt Ion:266 Resp: 117820

Ion Ratio Lower Upper

266 100

268 65.5 51.0 76.6

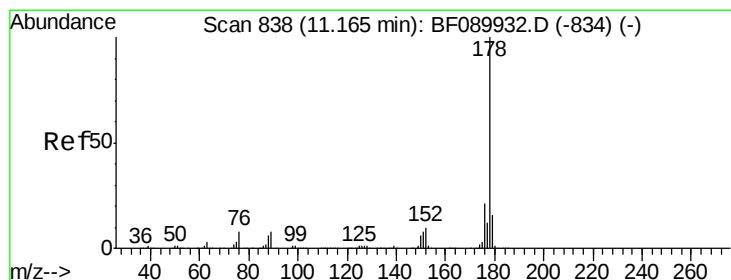
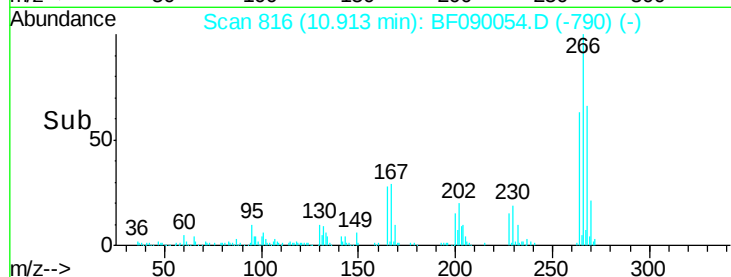
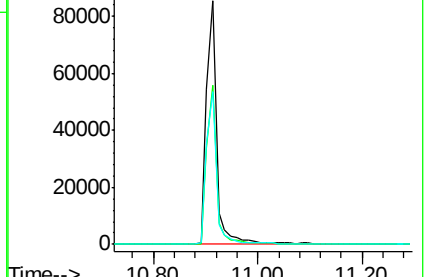
264 62.9 50.6 75.8



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: 35.99 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

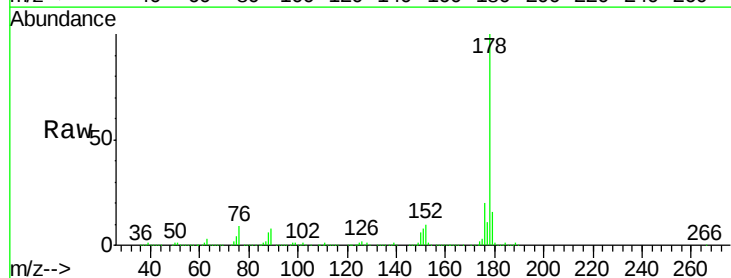
Tgt Ion:178 Resp: 1192666

Ion Ratio Lower Upper

178 100

176 19.8 16.5 24.7

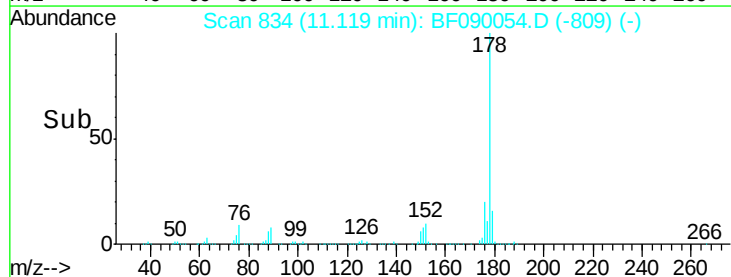
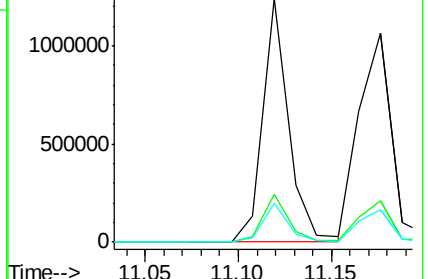
179 15.7 12.8 19.2

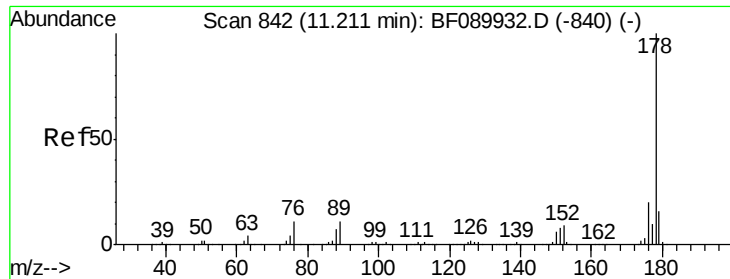


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

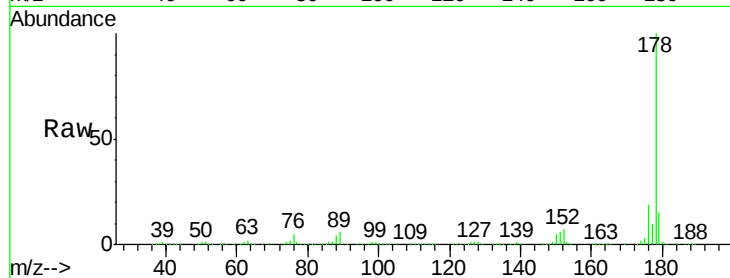




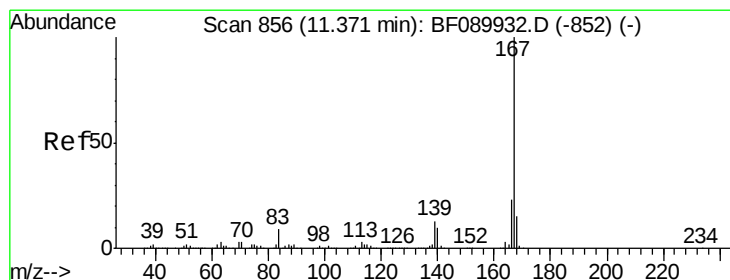
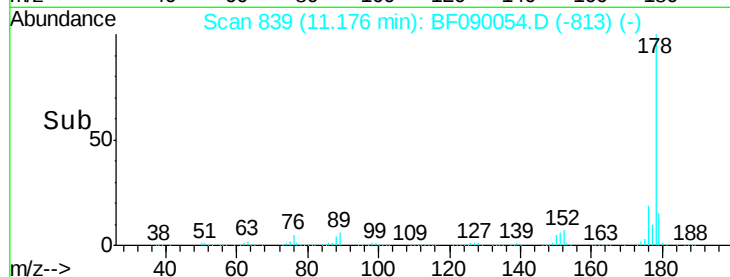
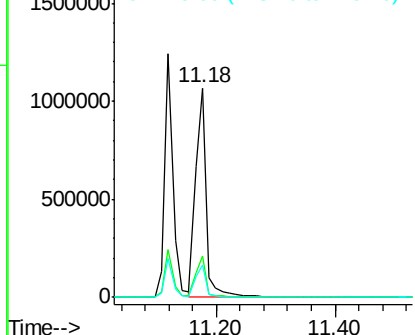
#71
 Anthracene
 Concen: 40.49 ng
 RT: 11.18 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 1361089
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.2 13.0 19.4

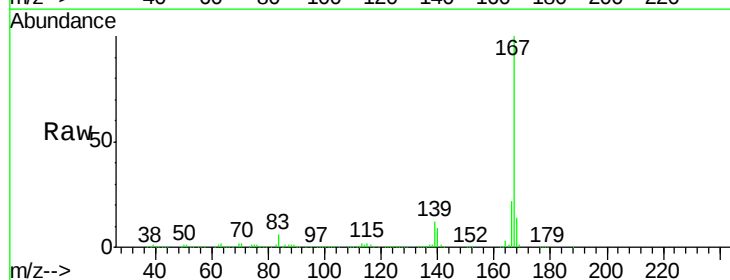


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

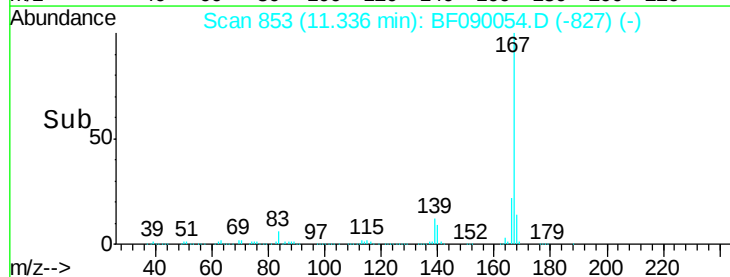
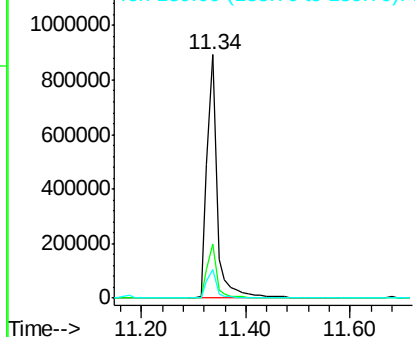


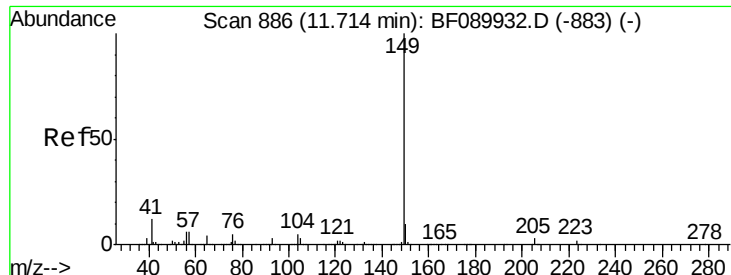
#72
 Carbazole
 Concen: 38.45 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Tgt Ion:167 Resp: 1211870
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 11.7 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: 38.75 ng

RT: 11.68 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

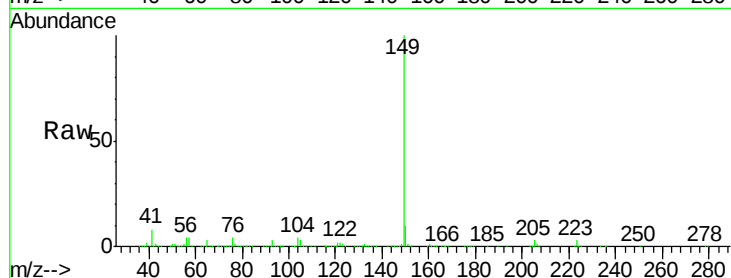
Tgt Ion:149 Resp: 1423453

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

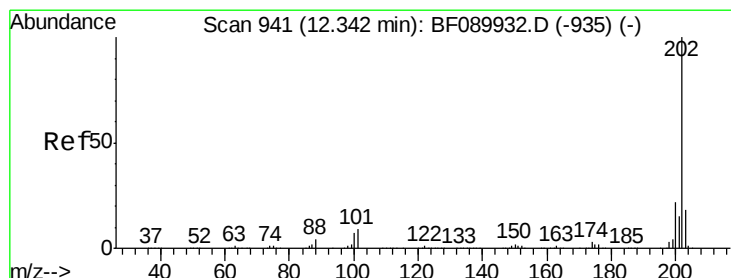
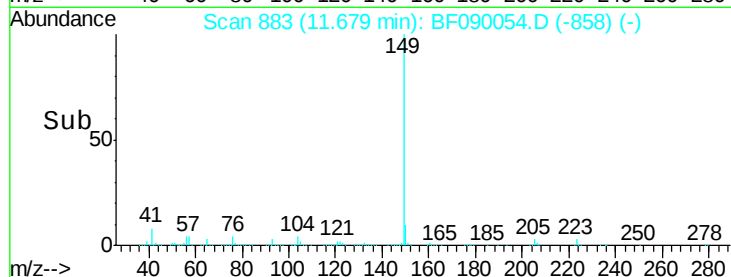
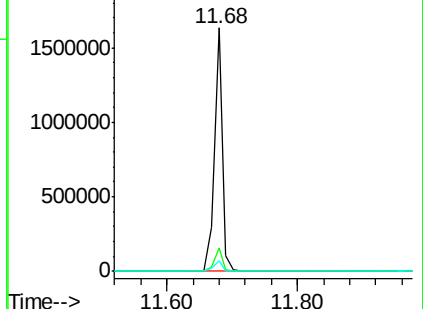
104 4.2 3.9 5.9



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: 33.61 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

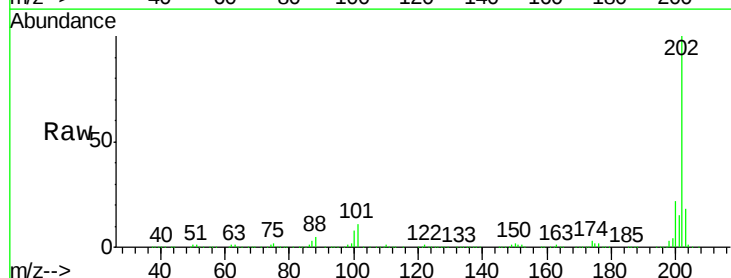
Tgt Ion:202 Resp: 1167291

Ion Ratio Lower Upper

202 100

101 10.6 0.0 28.5

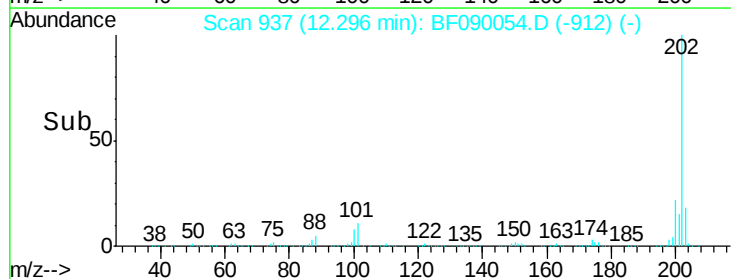
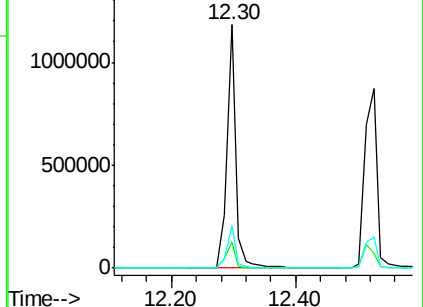
203 17.7 0.0 38.0

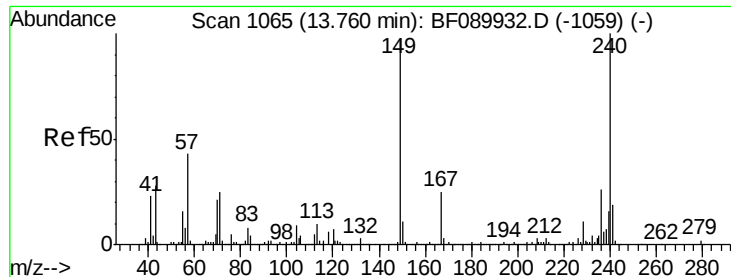


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

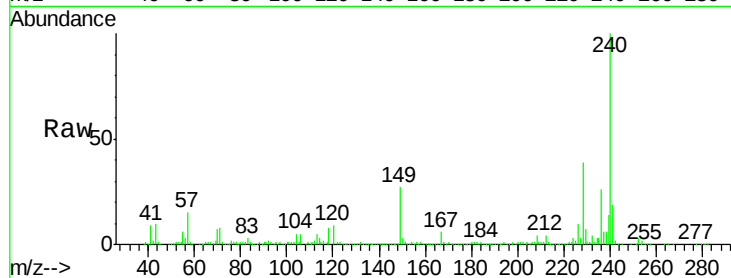
Tgt Ion:240 Resp: 398772

Ion Ratio Lower Upper

240 100

120 9.0 5.7 8.5#

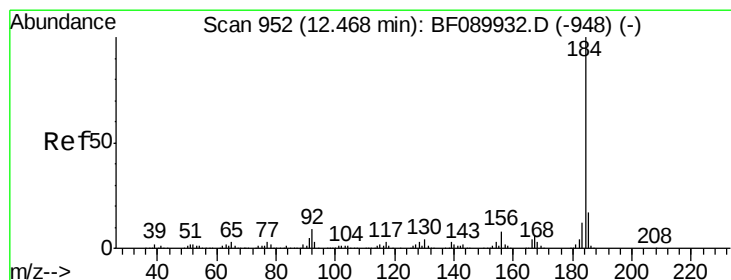
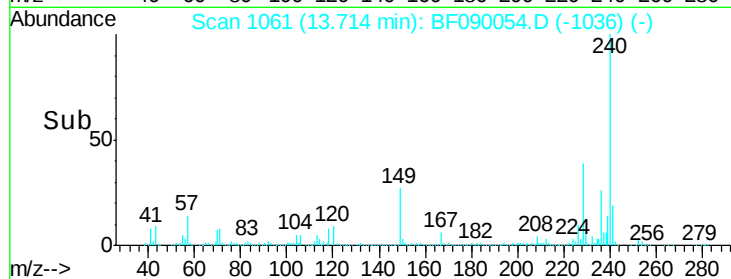
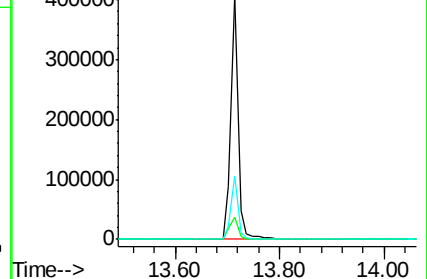
236 25.7 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.29 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

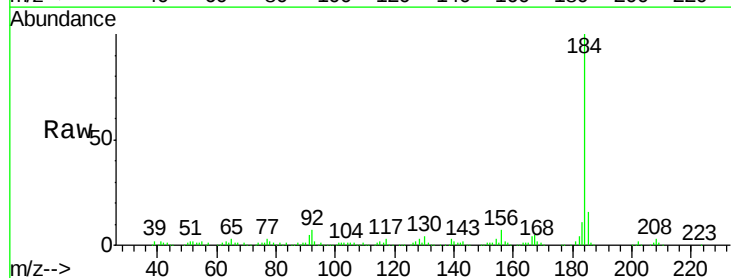
Tgt Ion:184 Resp: 261164

Ion Ratio Lower Upper

184 100

185 15.8 13.8 20.8

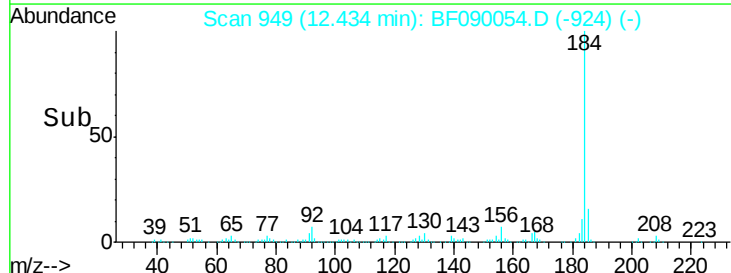
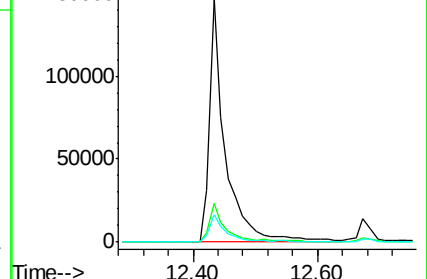
183 11.1 9.6 14.4

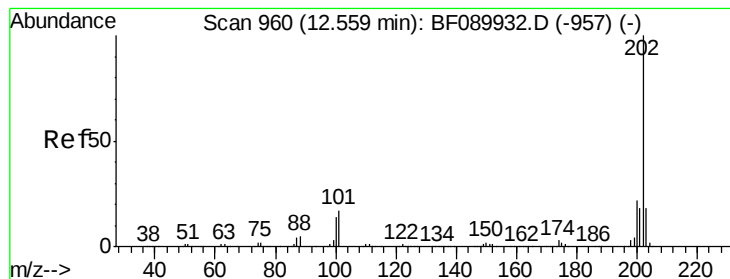


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.41 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

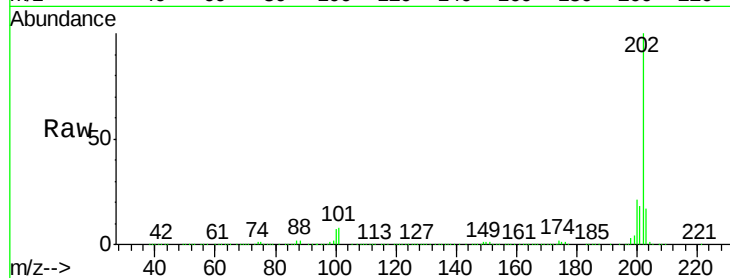
Tgt Ion:202 Resp: 1164202

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

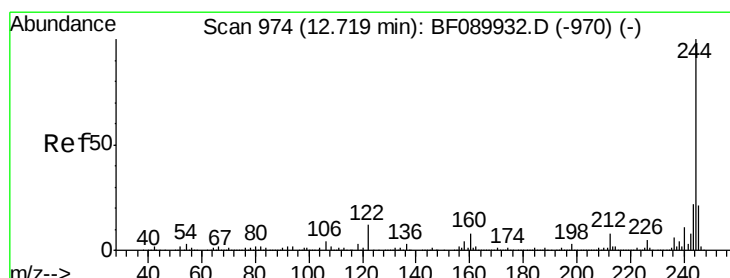
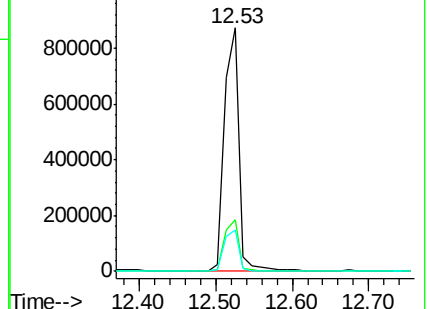
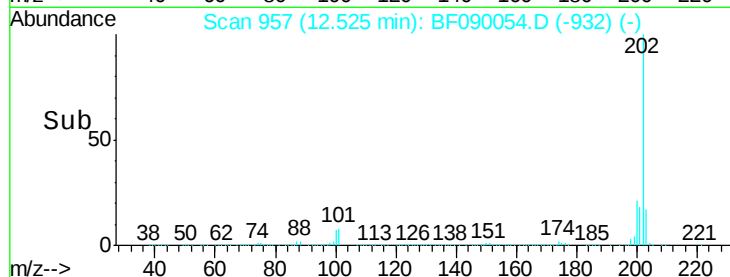
203 17.2 14.6 21.8



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: 87.91 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

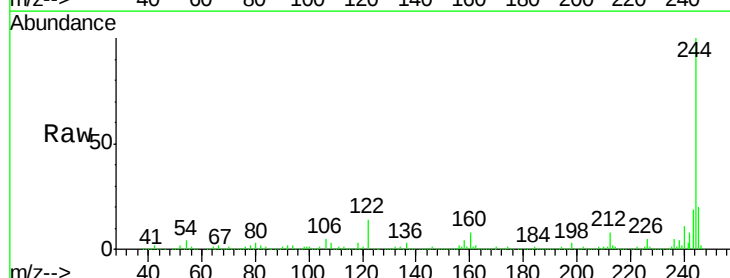
Tgt Ion:244 Resp: 1419166

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

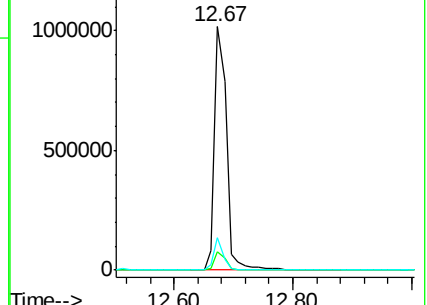
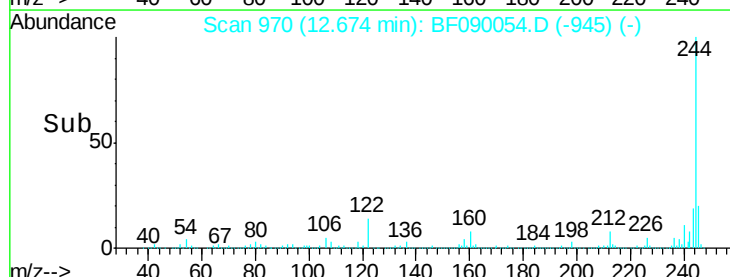
122 13.6 9.6 14.4

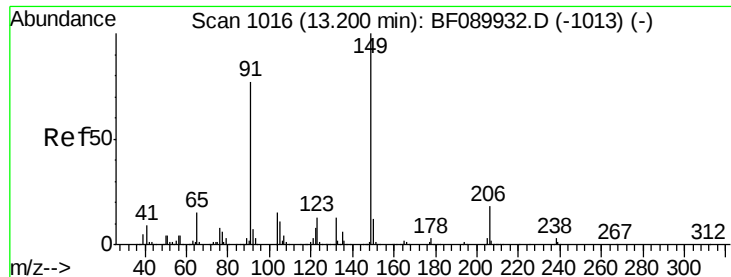


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.26 ng

RT: 13.17 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

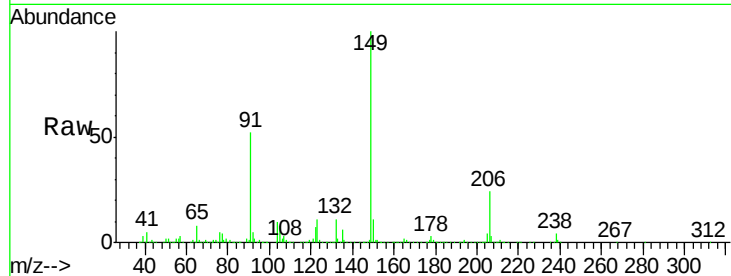
Tgt Ion:149 Resp: 467866

Ion Ratio Lower Upper

149 100

91 51.5 60.0 90.0#

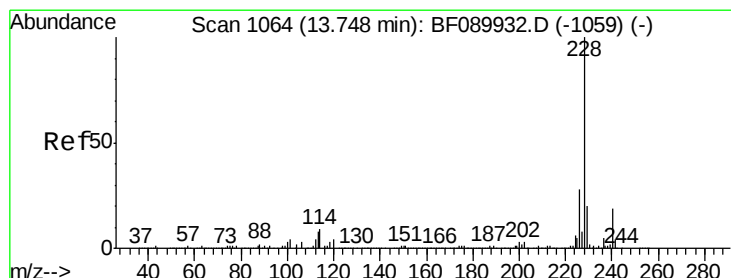
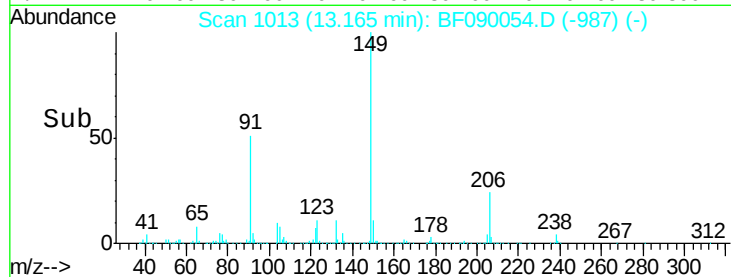
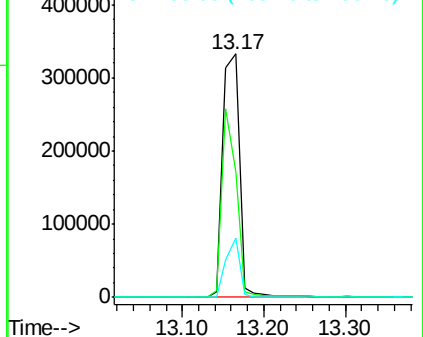
206 24.3 15.1 22.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.73 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

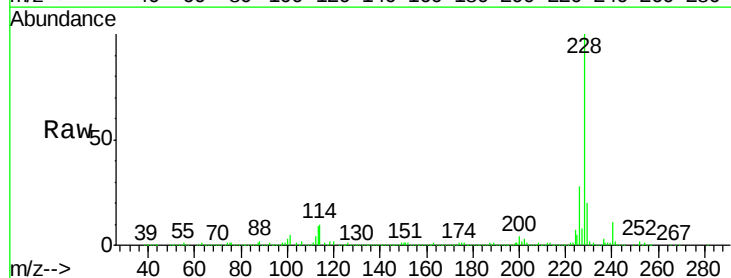
Tgt Ion:228 Resp: 921579

Ion Ratio Lower Upper

228 100

226 27.9 22.2 33.2

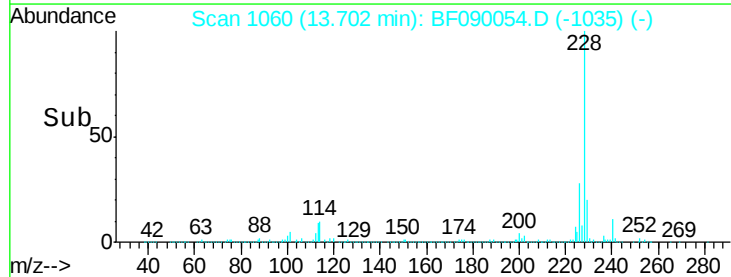
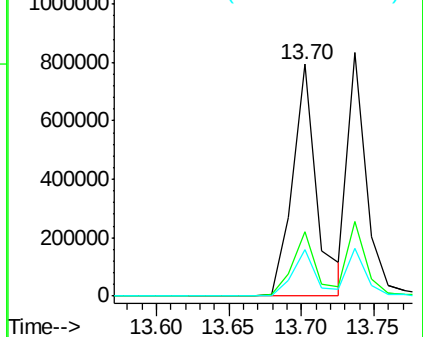
229 19.9 15.8 23.6

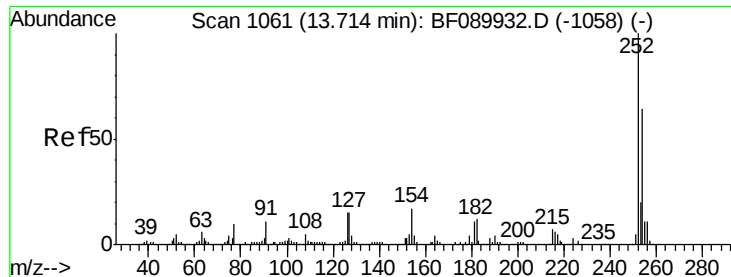


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

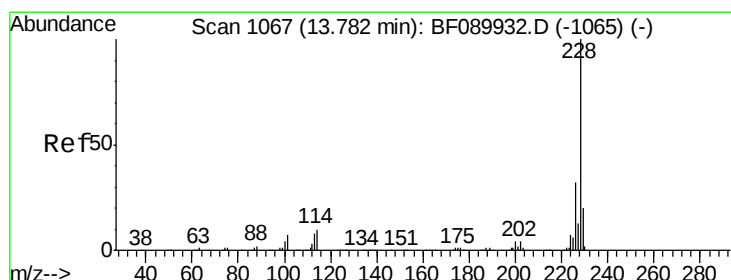
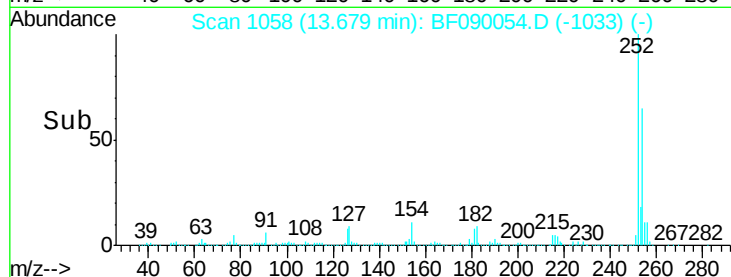
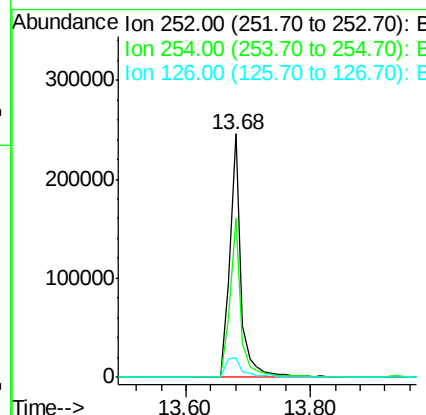
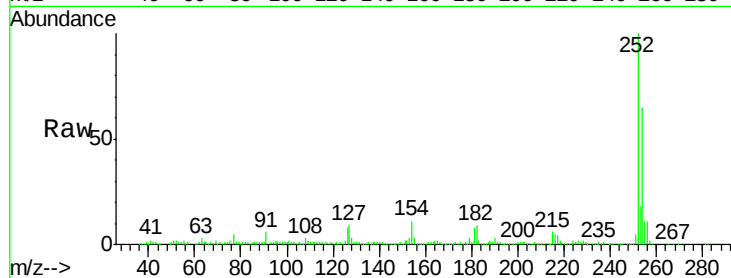




#81
 3,3'-Dichlorobenzidine
 Concen: 34.78 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

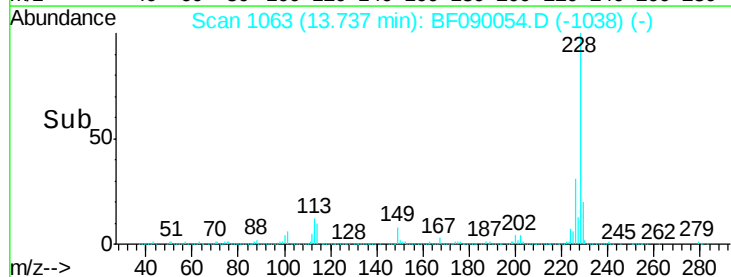
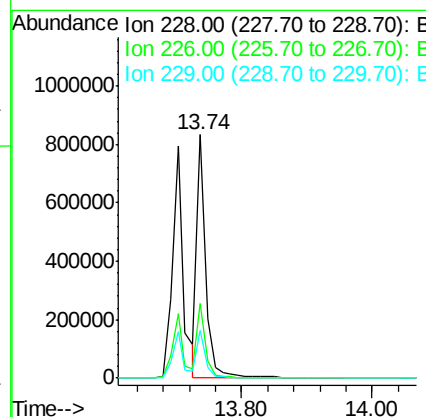
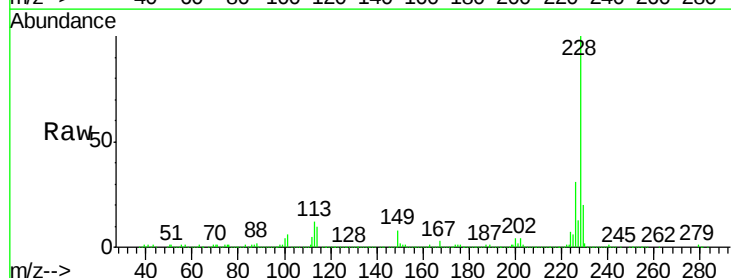
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

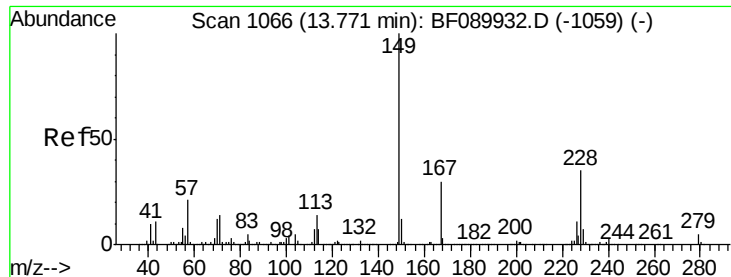
Tgt Ion:252 Resp: 306667
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.3 76.9
 126 8.3 12.3 18.5#



#82
 Chrysene
 Concen: 34.37 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Tgt Ion:228 Resp: 784093
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.2 37.8
 229 19.6 16.2 24.2

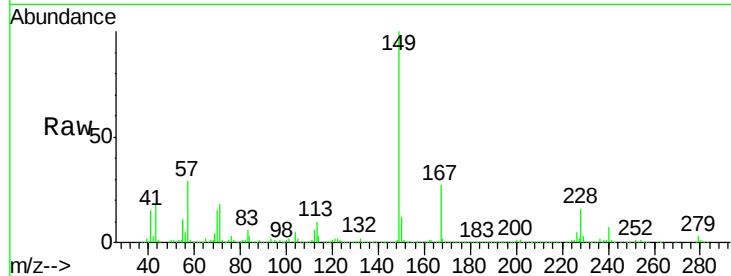




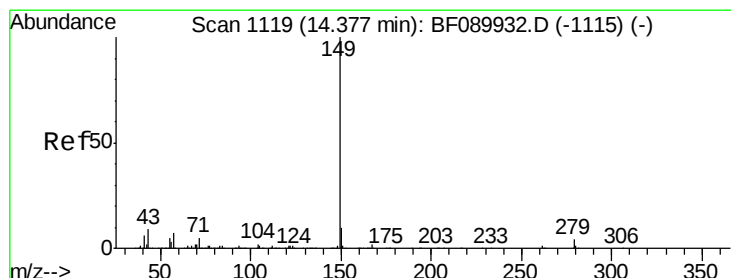
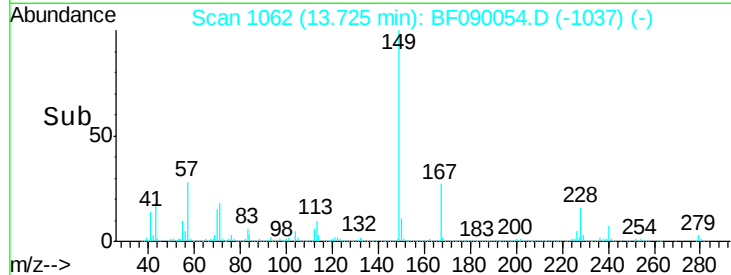
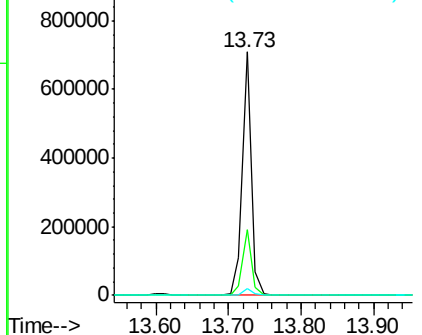
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.18 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:149 Resp: 614529
 Ion Ratio Lower Upper
 149 100
 167 27.2 23.6 35.4
 279 3.0 3.4 5.2#

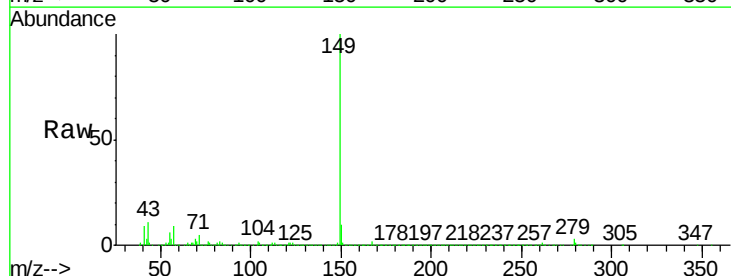


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

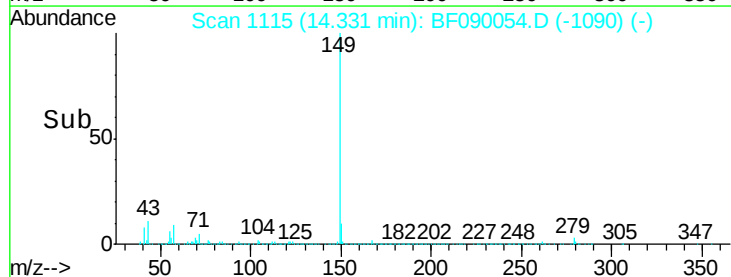
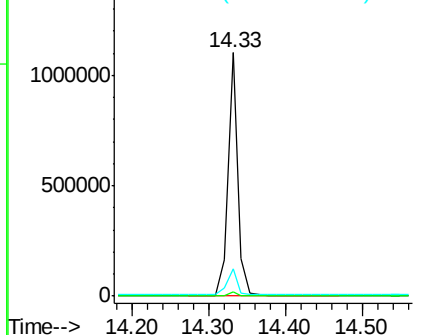


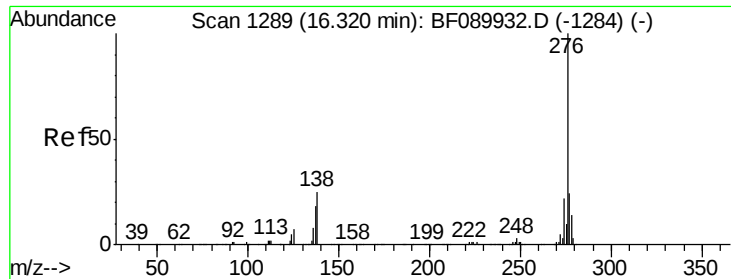
#84
 Di-n-octyl phthalate
 Concen: 39.60 ng
 RT: 14.33 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Tgt Ion:149 Resp: 1002495
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 11.4 9.3 13.9



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

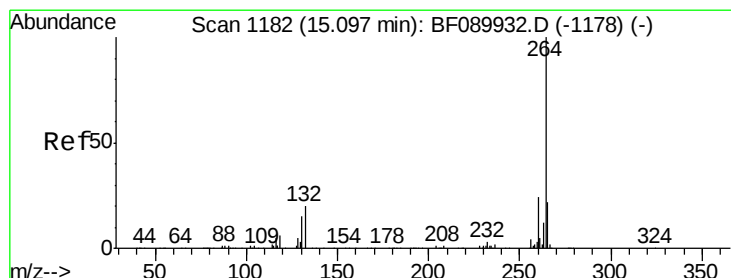
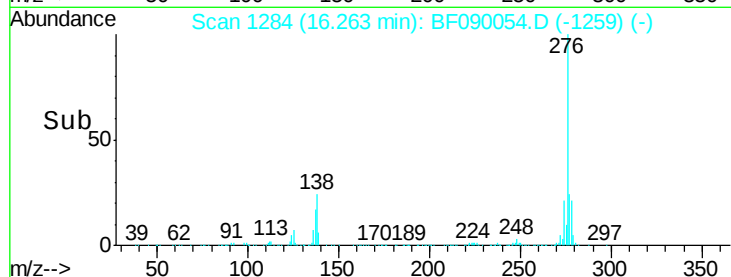
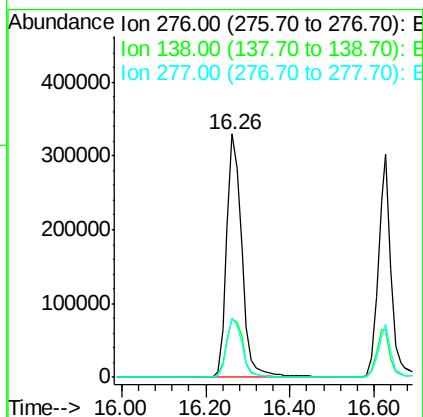
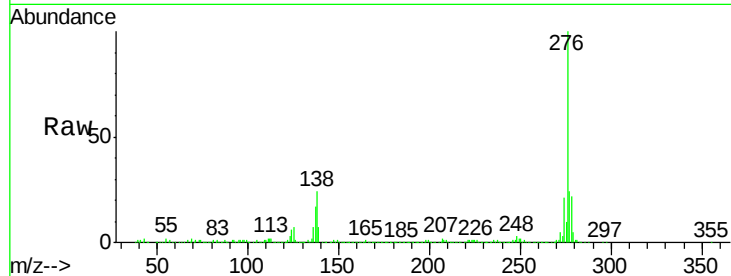




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.41 ng
 RT: 16.26 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

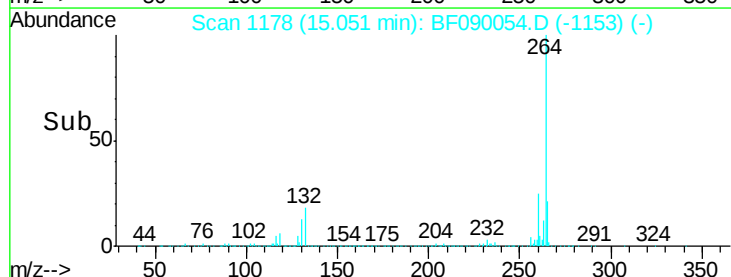
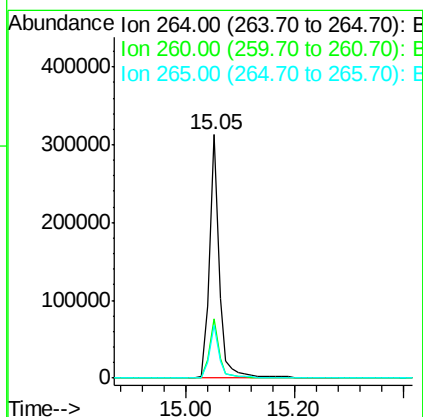
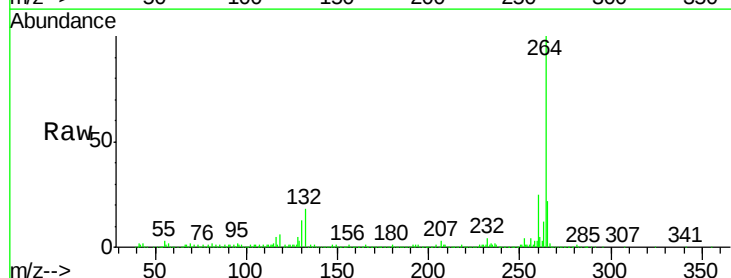
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

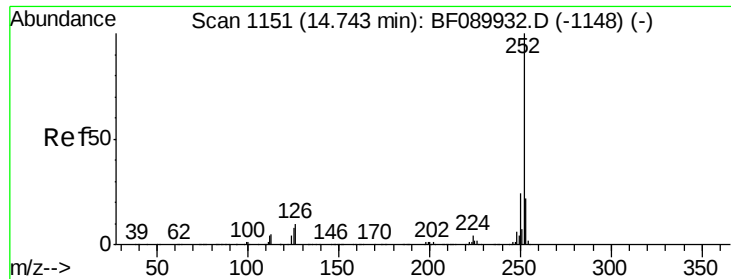
Tgt Ion: 276 Resp: 833394
 Ion Ratio Lower Upper
 276 100
 138 26.6 22.6 34.0
 277 24.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF090054.D
 Acq: 9 Sep 2016 18:54

Tgt Ion: 264 Resp: 393563
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.0
 265 21.6 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 69.39 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

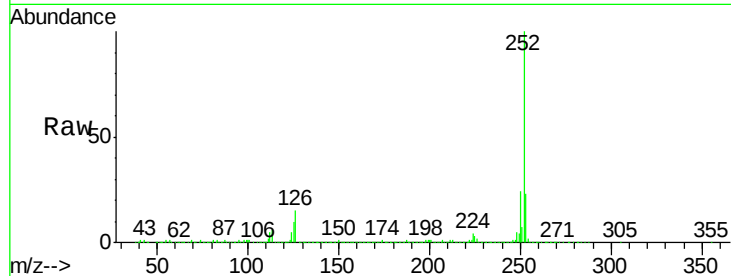
Tgt Ion:252 Resp: 1710882

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

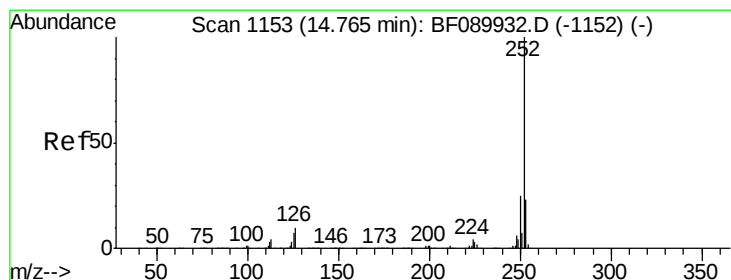
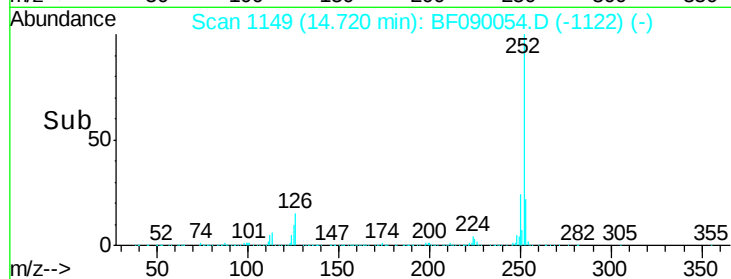
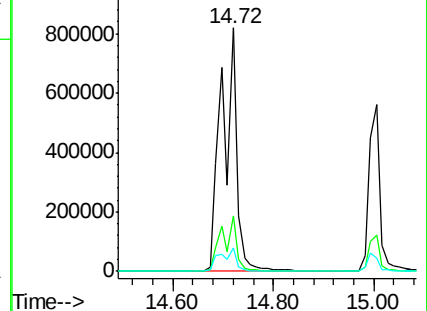
125 9.8 5.7 8.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 81.78 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

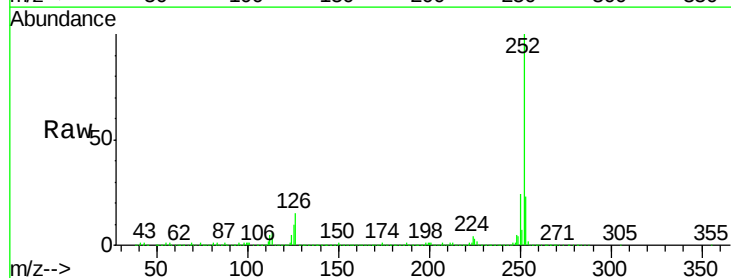
Tgt Ion:252 Resp: 1710882

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

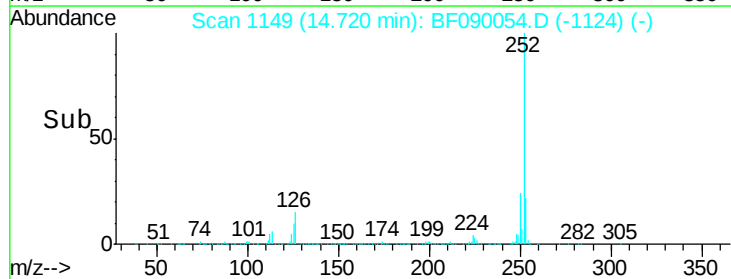
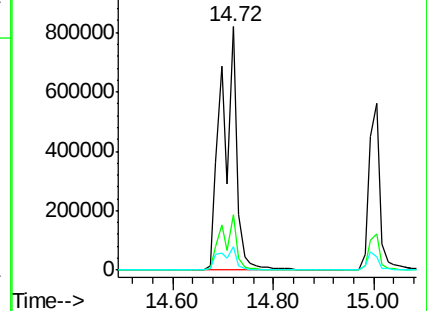
125 9.8 7.3 10.9

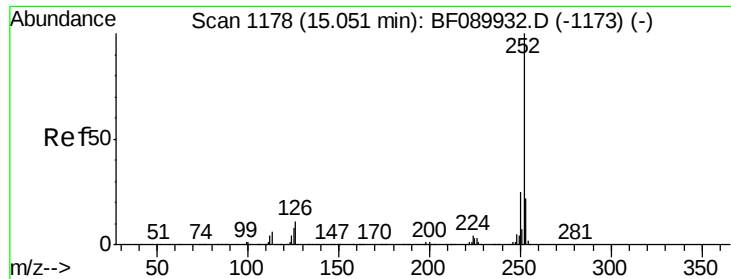


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.03 ng

RT: 15.01 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

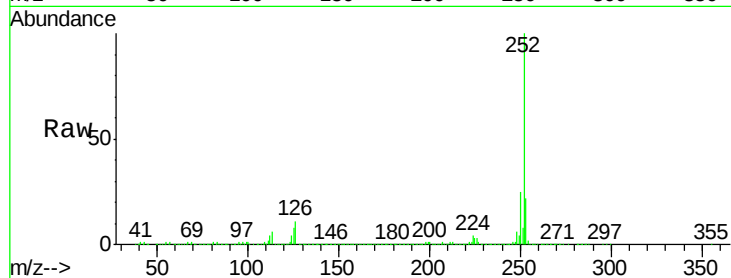
Tgt Ion:252 Resp: 845680

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

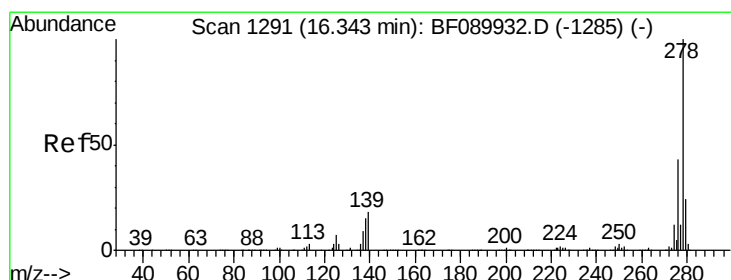
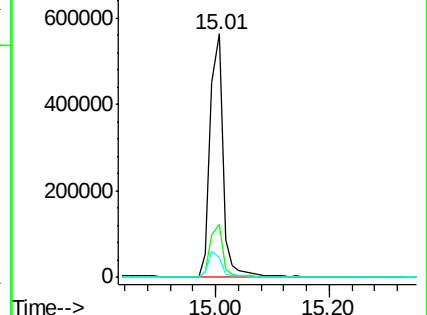
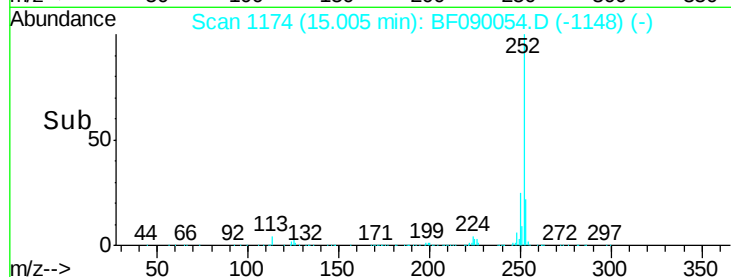
125 8.2 6.3 9.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.27 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

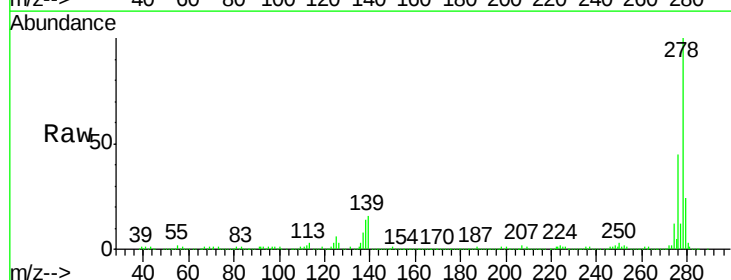
Tgt Ion:278 Resp: 700635

Ion Ratio Lower Upper

278 100

139 16.3 13.4 20.2

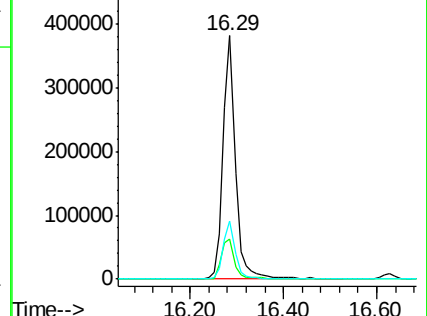
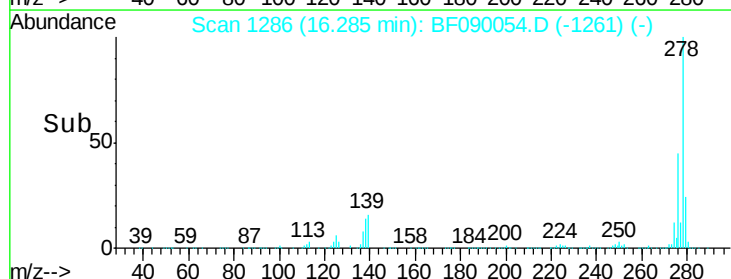
279 23.8 19.4 29.2

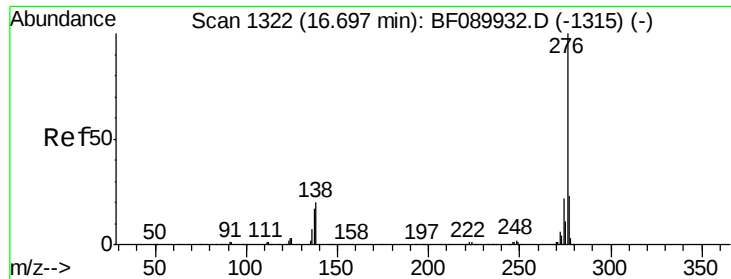


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.48 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF090054.D

Acq: 9 Sep 2016 18:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

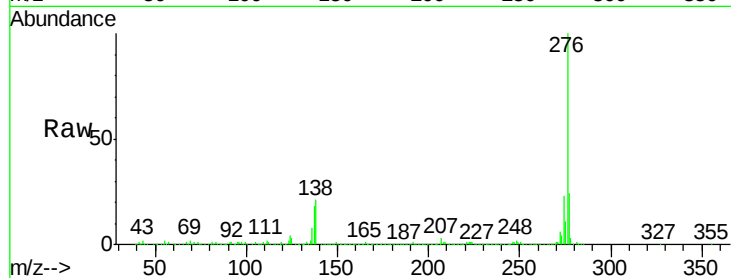
Tgt Ion: 276 Resp: 646219

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 21.4 16.4 24.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

