

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
 Data File : BF090056.D
 Acq On : 12 Sep 2016 11:41
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 12 15:36:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 12 15:34:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	220475	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	887083	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	445462	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	890200	20.00	ng	0.00
75) Chrysene-d12	13.69	240	624448	20.00	ng	0.00
86) Perylene-d12	15.03	264	587153	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1058998	76.88	ng	0.00
7) Phenol-d6	6.23	99	1231012	73.55	ng	0.00
23) Nitrobenzene-d5	7.15	82	1126805	73.67	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	373564	85.00	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	2014477	74.23	ng	0.00
78) Terphenyl-d14	12.66	244	1943964	76.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	255606	39.17	ng	94
3) Pyridine	2.62	79	627237	36.02	ng	99
4) n-Nitrosodimethylamine	2.58	42	303607	35.36	ng	95
6) Aniline	6.24	93	800107	35.04	ng	93
8) 2-Chlorophenol	6.36	128	604685	40.46	ng	99
9) Benzaldehyde	6.11	77	349095	32.33	ng	93
10) Phenol	6.24	94	644305	33.10	ng	83
11) bis(2-Chloroethyl)ether	6.33	93	578560	39.28	ng	85
12) 1,3-Dichlorobenzene	6.51	146	627813m	37.62	ng	
13) 1,4-Dichlorobenzene	6.59	146	663876	38.88	ng	97
14) 1,2-Dichlorobenzene	6.75	146	606942	39.65	ng	96
15) Benzyl Alcohol	6.73	79	386163	36.83	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1065352	37.94	ng	86
17) 2-Methylphenol	6.86	107	452070	37.88	ng	99
18) Hexachloroethane	7.10	117	227031	38.82	ng	# 79
19) n-Nitroso-di-n-propylamine	7.02	70	394027	36.13	ng	95
20) 3+4-Methylphenols	7.02	107	559028	38.64	ng	# 72
22) Acetophenone	7.00	105	802134	40.31	ng	# 92
24) Nitrobenzene	7.18	77	599579	36.87	ng	# 73
25) Isophorone	7.42	82	1131252	36.37	ng	100
26) 2-Nitrophenol	7.48	139	316937	40.77	ng	99
27) 2,4-Dimethylphenol	7.54	122	545997	37.97	ng	97
28) bis(2-Chloroethoxy)methane	7.63	93	678822	36.18	ng	99
29) 2,4-Dichlorophenol	7.74	162	514340	39.90	ng	92
30) 1,2,4-Trichlorobenzene	7.82	180	560087	39.74	ng	100
31) Naphthalene	7.88	128	1548422	35.04	ng	100
32) Benzoic acid	7.70	122	434971	44.91	ng	96
33) 4-Chloroaniline	7.94	127	692778	38.85	ng	97
34) Hexachlorobutadiene	8.01	225	310474	37.59	ng	99
35) Caprolactam	8.33	113	147469	36.24	ng	98
36) 4-Chloro-3-methylphenol	8.43	107	531866	38.96	ng	# 81
37) 2-Methylnaphthalene	8.58	142	1122058	38.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	500278	38.34	ng	99
40) Hexachlorocyclopentadiene	8.73	237	276349	41.30	ng	95

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 Misc :
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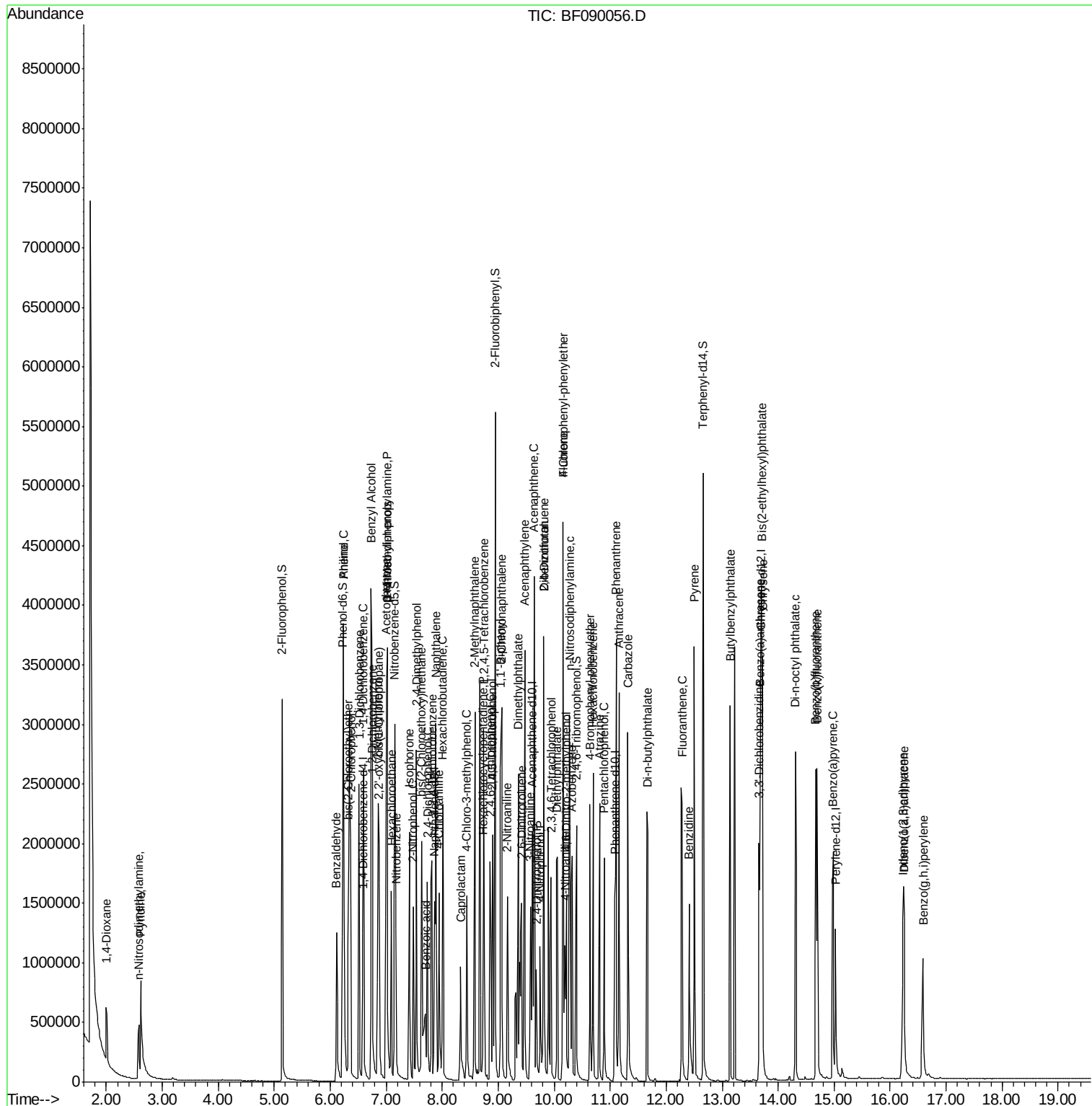
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	358811	39.67	ng	99
43) 2,4,5-Trichlorophenol	8.90	196	395920	45.53	ng #	91
45) 1,1'-Biphenyl	9.05	154	1413349	39.41	ng	95
46) 2-Chloronaphthalene	9.06	162	963241	37.97	ng	99
47) 2-Nitroaniline	9.16	65	332799	40.12	ng #	86
48) Acenaphthylene	9.47	152	1601679	38.18	ng	100
49) Dimethylphthalate	9.36	163	1277387	39.67	ng	99
50) 2,6-Dinitrotoluene	9.42	165	315353	44.04	ng #	74
51) Acenaphthene	9.64	154	1047523	39.41	ng	100
52) 3-Nitroaniline	9.58	138	317484	38.87	ng	93
53) 2,4-Dinitrophenol	9.68	184	163153	44.16	ng	89
54) Dibenzofuran	9.82	168	1337762	37.56	ng	99
55) 4-Nitrophenol	9.75	139	247271	40.14	ng #	68
56) 2,4-Dinitrotoluene	9.82	165	350447	38.59	ng #	88
57) Fluorene	10.16	166	1101592	42.32	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	303395m	40.75	ng	
59) Diethylphthalate	10.06	149	1169078	38.60	ng	94
60) 4-Chlorophenyl-phenylether	10.16	204	512367	41.83	ng	94
61) 4-Nitroaniline	10.19	138	340617	42.45	ng	99
62) Azobenzene	10.32	77	1117650	36.94	ng	82
64) 4,6-Dinitro-2-methylphenol	10.22	198	226473	39.74	ng	81
65) n-Nitrosodiphenylamine	10.27	169	969437	36.22	ng	98
66) 4-Bromophenyl-phenylether	10.64	248	349299	38.98	ng	98
67) Hexachlorobenzene	10.70	284	366095	35.76	ng	97
68) Atrazine	10.81	200	331692	37.13	ng	97
69) Pentachlorophenol	10.89	266	237257	43.08	ng	99
70) Phenanthrene	11.11	178	1674904	37.78	ng	99
71) Anthracene	11.15	178	1679352	37.35	ng	100
72) Carbazole	11.31	167	1630045	38.66	ng	99
73) Di-n-butylphthalate	11.67	149	1833302	37.31	ng #	98
74) Fluoranthene	12.28	202	1739039	37.43	ng	97
76) Benzidine	12.41	184	920146	38.90	ng	96
77) Pyrene	12.50	202	1634987	37.14	ng	99
79) Butylbenzylphthalate	13.14	149	769218	43.32	ng	95
80) Benzo(a)anthracene	13.68	228	1512658	39.55	ng	99
81) 3,3'-Dichlorobenzidine	13.66	252	606998	43.97	ng	99
82) Chrysene	13.73	228	1528026	42.77	ng	99
83) Bis(2-ethylhexyl)phthalate	13.70	149	927079	37.75	ng #	94
84) Di-n-octyl phthalate	14.31	149	1708343	43.10	ng	99
85) Indeno(1,2,3-cd)pyrene	16.23	276	1084946	41.08	ng	98
87) Benzo(b)fluoranthene	14.67	252	1296511m	35.25	ng	
88) Benzo(k)fluoranthene	14.70	252	1257037m	40.27	ng	
89) Benzo(a)pyrene	14.98	252	1235893	39.22	ng	99
90) Dibenzo(a,h)anthracene	16.25	278	886624	38.40	ng	98
91) Benzo(g,h,i)perylene	16.59	276	887247	38.17	ng	98

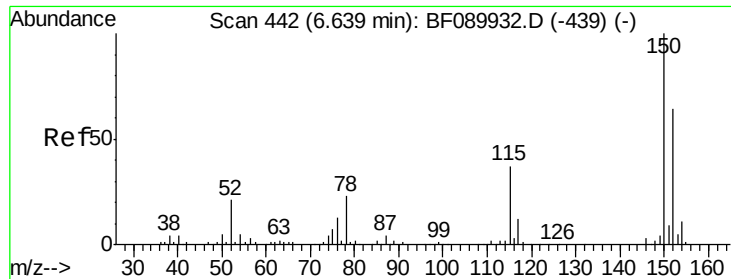
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF090056.D  
Acq On    : 12 Sep 2016   11:41  
Operator  : UM/SJ  
Sample    : SSTCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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Instrument :
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ClientSampleId :
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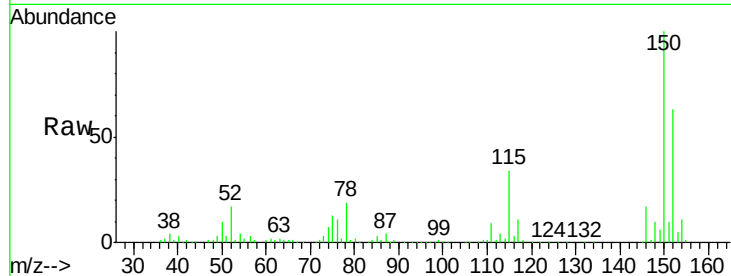


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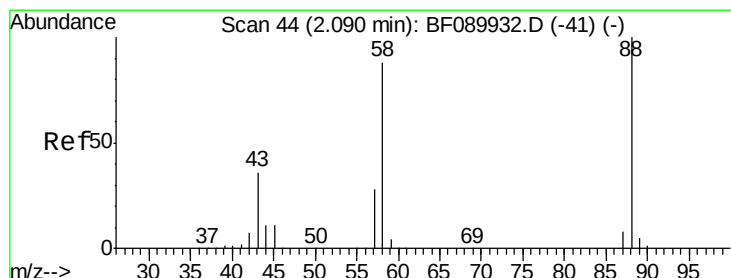
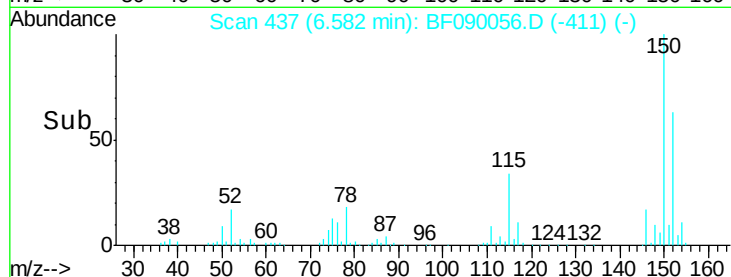
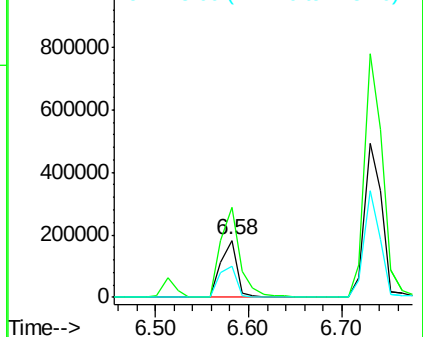
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 220475
Ion Ratio Lower Upper
152 100
150 158.1 127.4 191.2
115 53.6 46.3 69.5



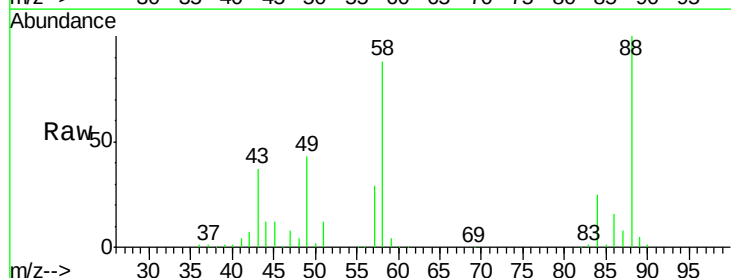
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



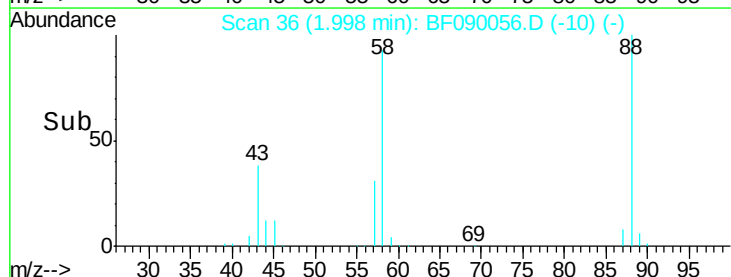
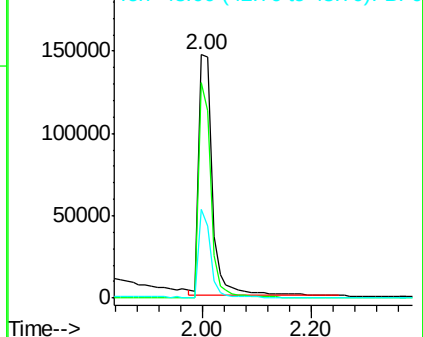
#2

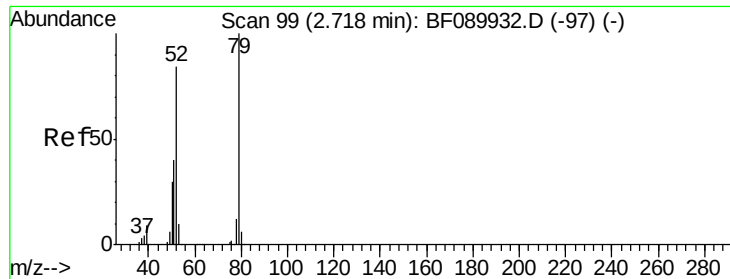
1,4-Dioxane
Concen: 39.17 ng
RT: 2.00 min Scan# 36
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion: 88 Resp: 255606
Ion Ratio Lower Upper
88 100
58 79.9 68.8 103.2
43 30.8 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: 36.02 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

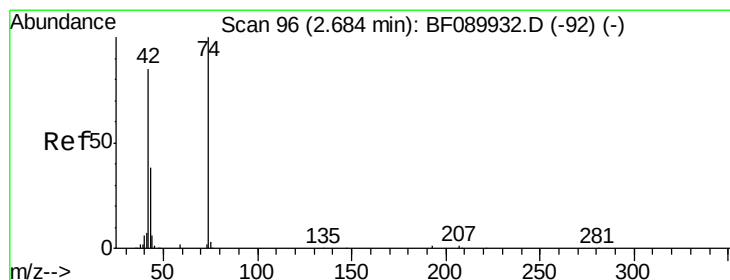
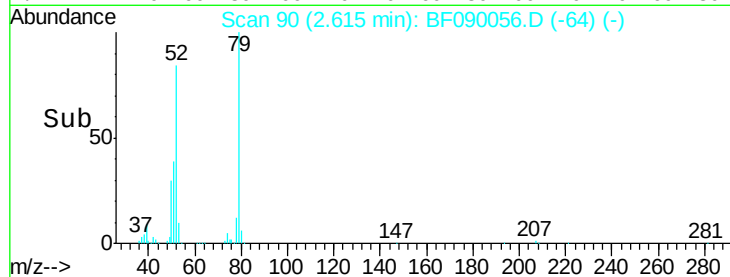
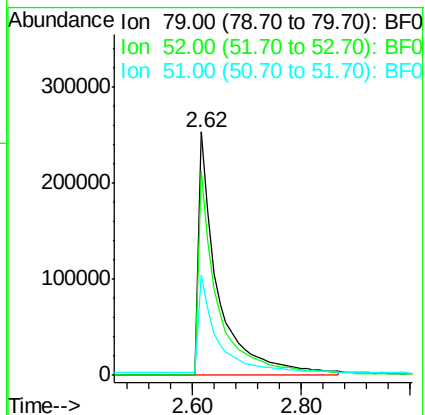
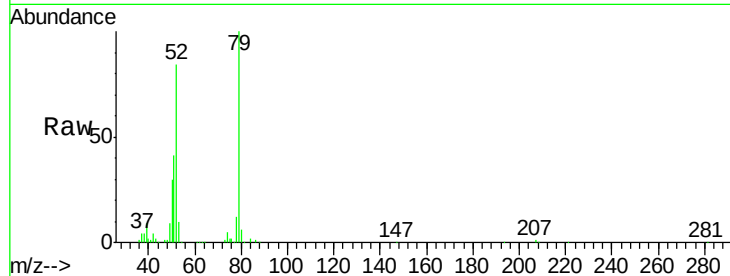
Tgt Ion: 79 Resp: 627237

Ion Ratio Lower Upper

79 100

52 83.6 67.8 101.6

51 41.1 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 35.36 ng

RT: 2.58 min Scan# 87

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

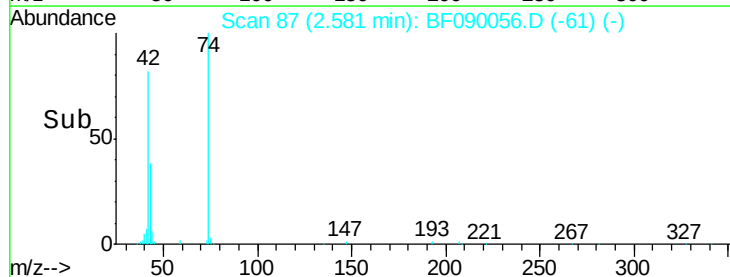
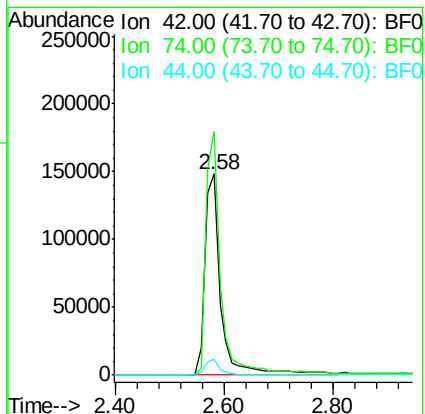
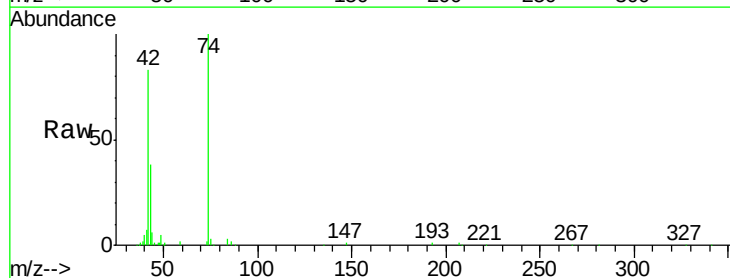
Tgt Ion: 42 Resp: 303607

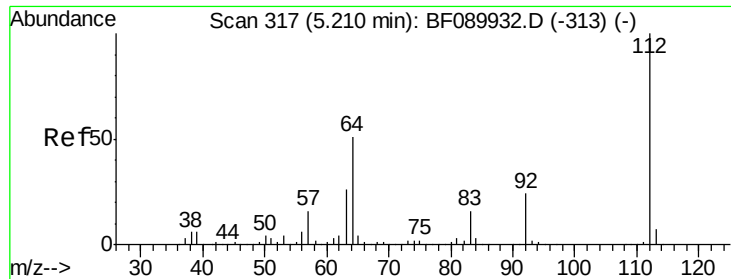
Ion Ratio Lower Upper

42 100

74 121.0 92.0 138.0

44 7.6 5.8 8.8





#5

2-Fluorophenol

Concen: 76.88 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

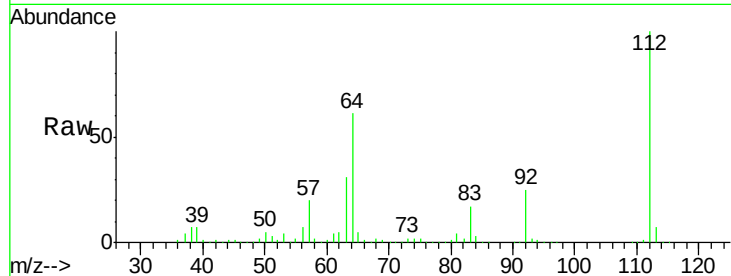
Tgt Ion: 112 Resp: 1058998

Ion Ratio Lower Upper

112 100

64 60.5 41.1 61.7

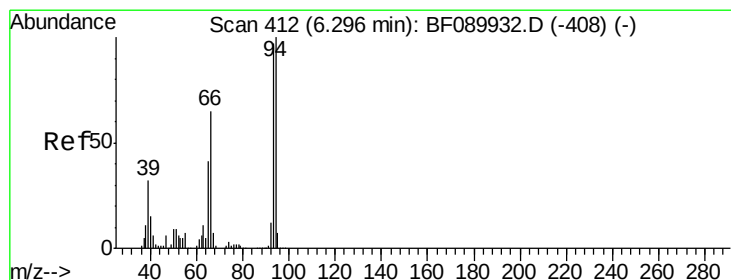
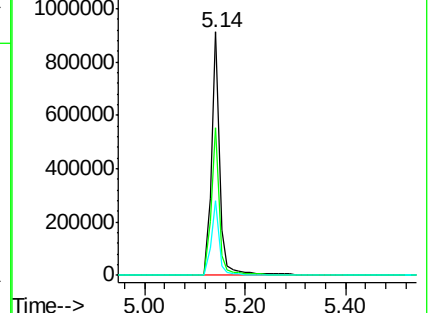
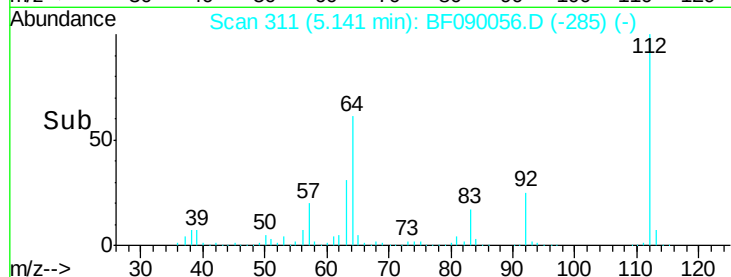
63 30.7 21.2 31.8



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: 35.04 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

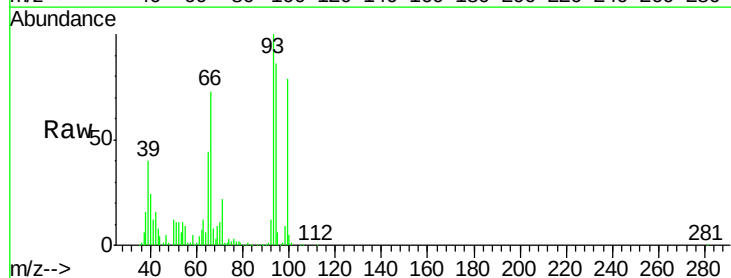
Tgt Ion: 93 Resp: 800107

Ion Ratio Lower Upper

93 100

66 72.7 52.9 79.3

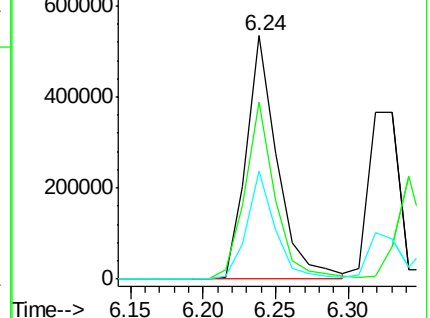
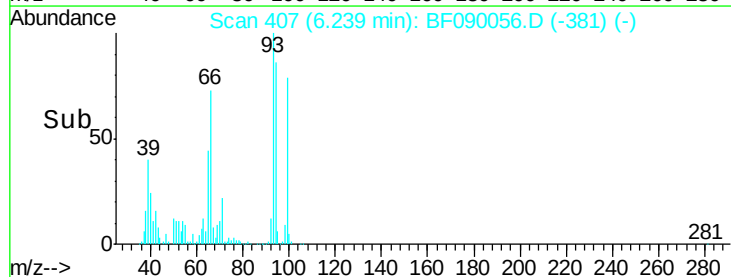
65 44.3 33.0 49.6

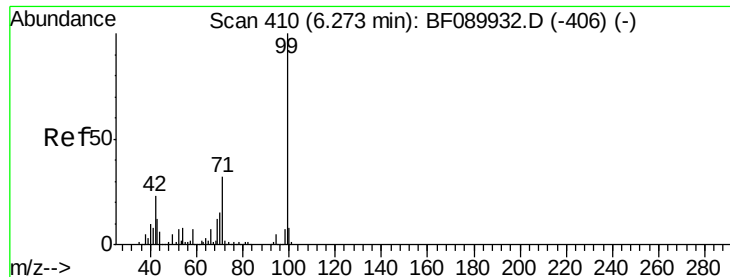


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.55 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

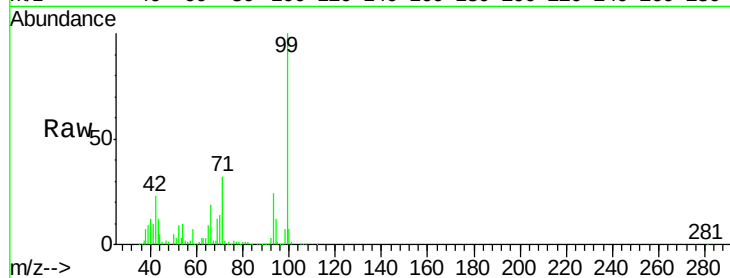
Tgt Ion: 99 Resp: 1231012

Ion Ratio Lower Upper

99 100

42 23.3 18.6 27.8

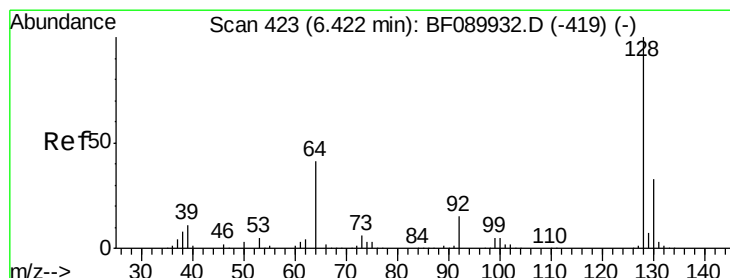
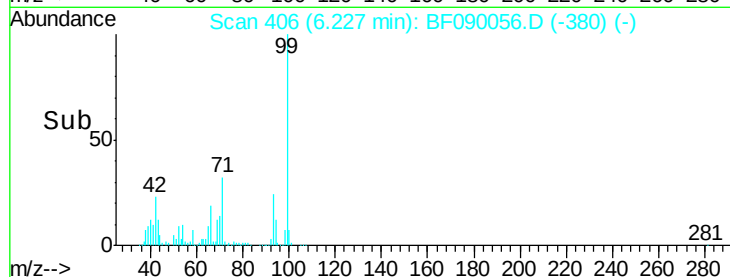
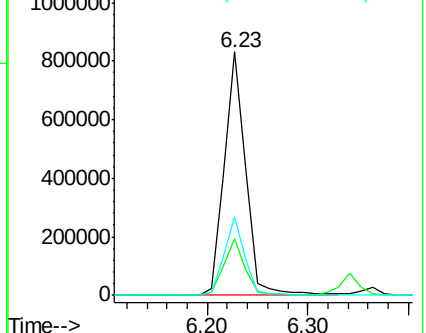
71 32.1 25.8 38.6



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: 40.46 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

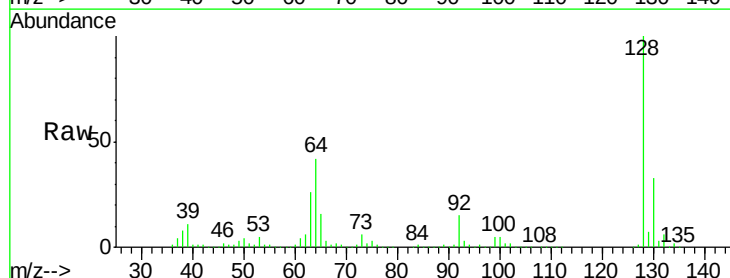
Tgt Ion: 128 Resp: 604685

Ion Ratio Lower Upper

128 100

130 32.9 12.8 52.8

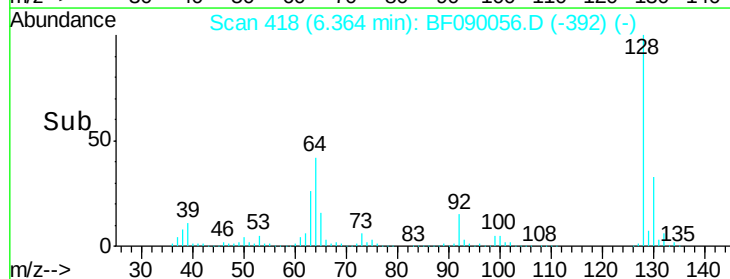
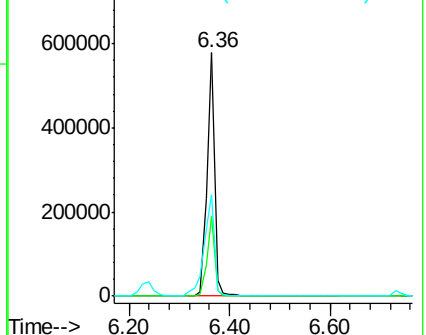
64 41.6 23.2 63.2

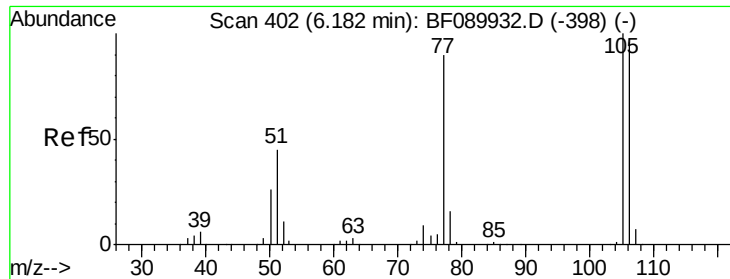


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.33 ng

RT: 6.11 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

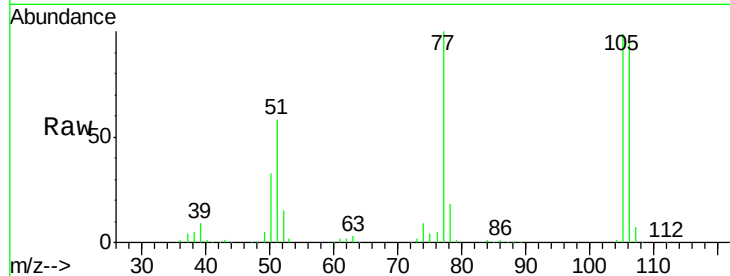
Tgt Ion: 77 Resp: 349095

Ion Ratio Lower Upper

77 100

105 98.7 85.4 125.4

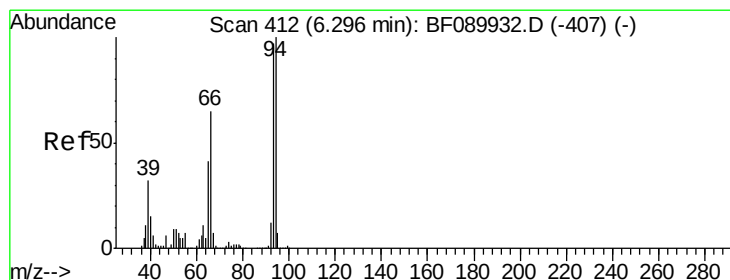
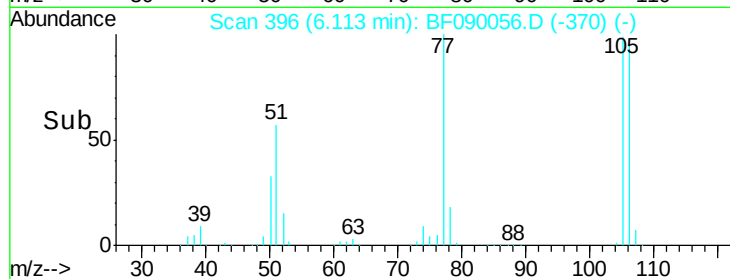
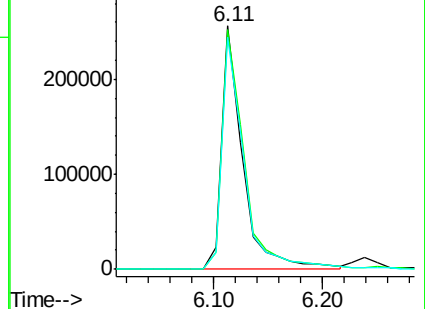
106 95.1 83.4 123.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.10 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

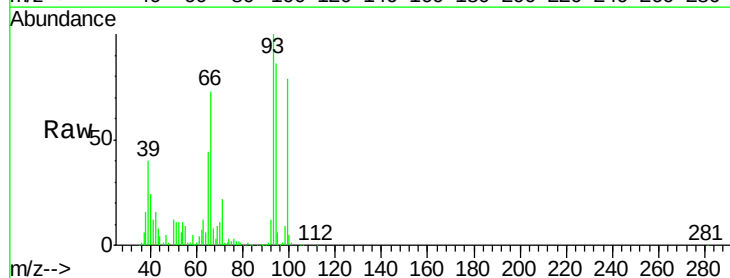
Tgt Ion: 94 Resp: 644305

Ion Ratio Lower Upper

94 100

65 51.5 23.2 63.2

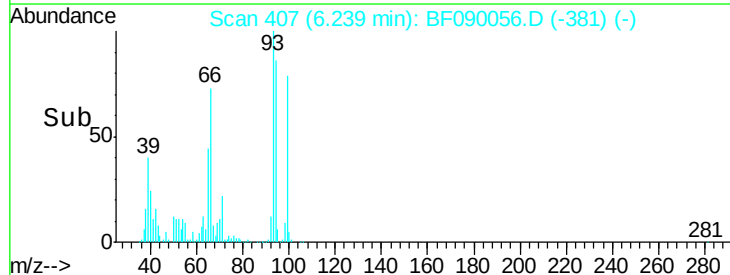
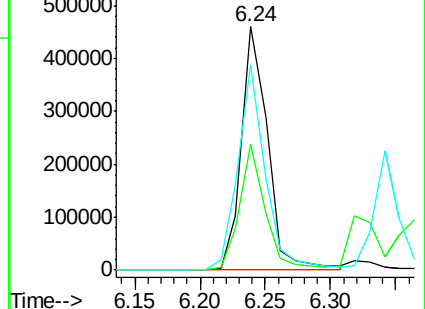
66 84.4 49.2 89.2

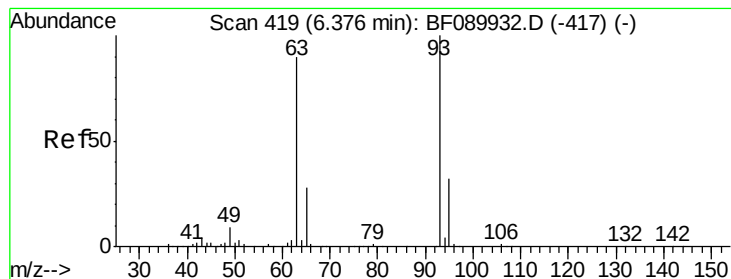


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

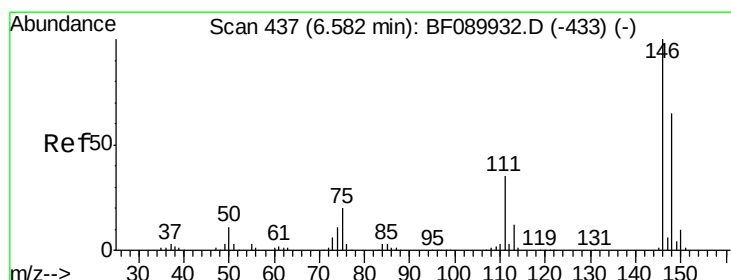
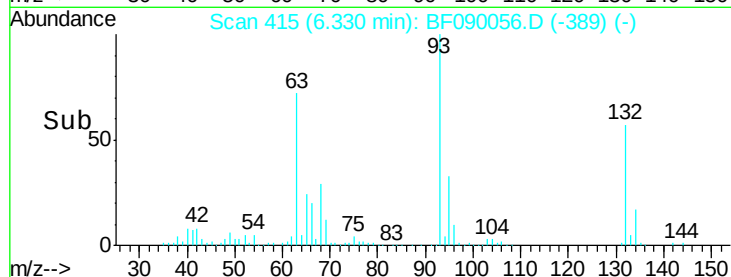
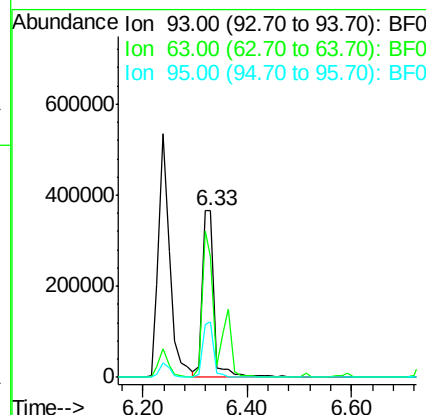
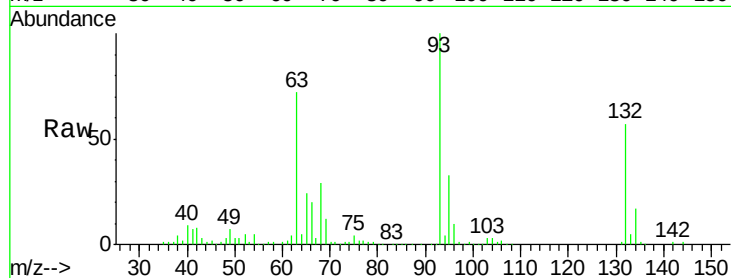




#11
bis(2-Chloroethyl)ether
Concen: 39.28 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

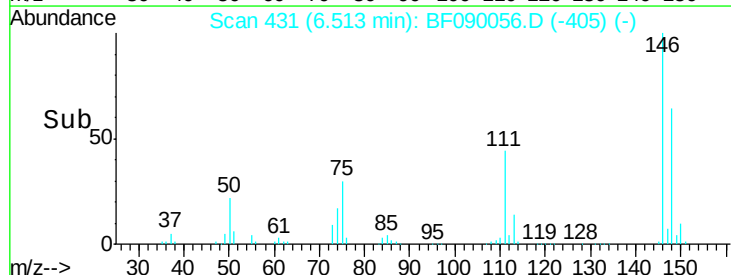
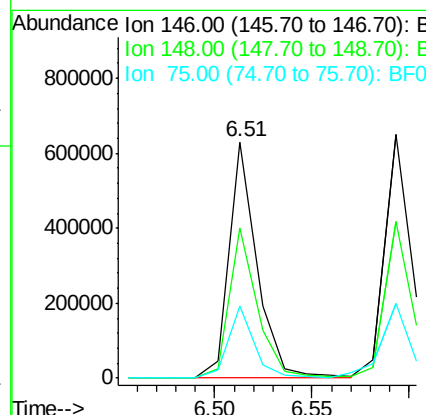
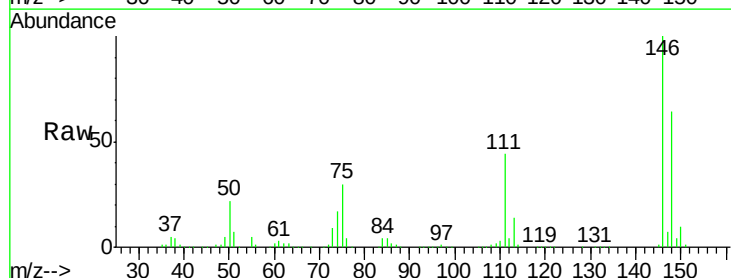
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

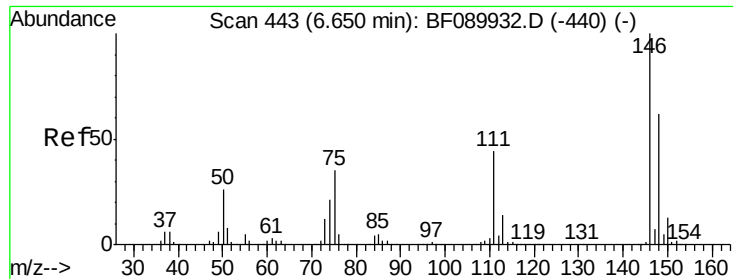
Tgt Ion: 93 Resp: 578560
Ion Ratio Lower Upper
93 100
63 72.5 71.1 111.1
95 33.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 37.62 ng m
RT: 6.51 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion: 146 Resp: 627813
Ion Ratio Lower Upper
146 100
148 63.6 52.5 78.7
75 30.5 16.6 24.8#

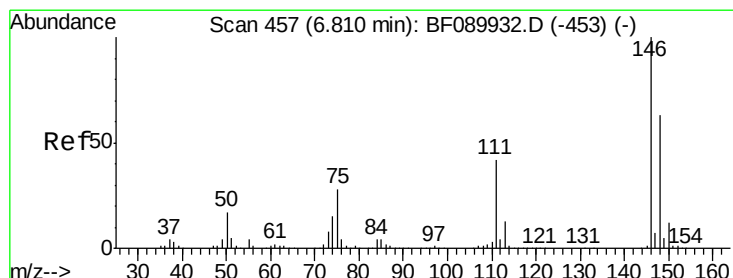
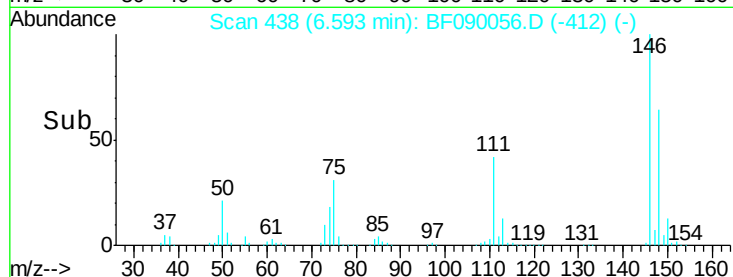
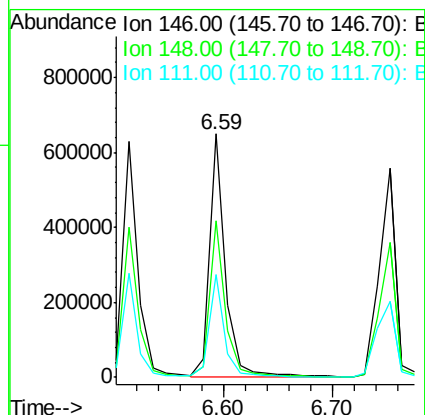
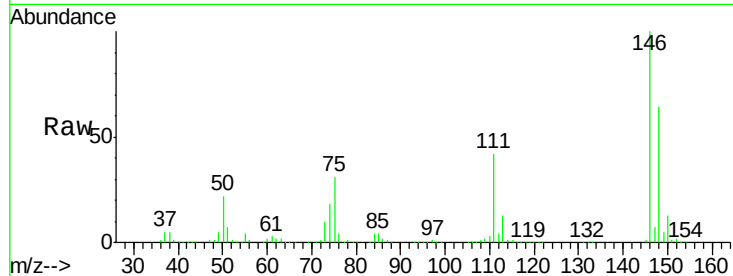




#13
 1,4-Dichlorobenzene
 Concen: 38.88 ng
 RT: 6.59 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

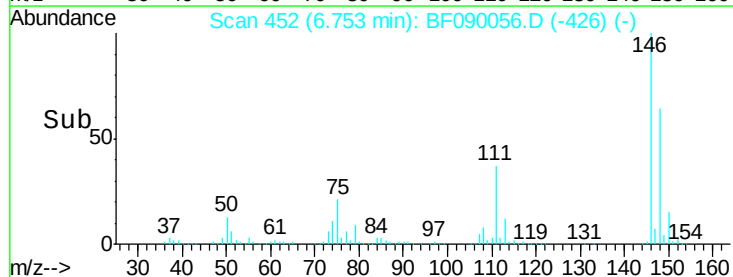
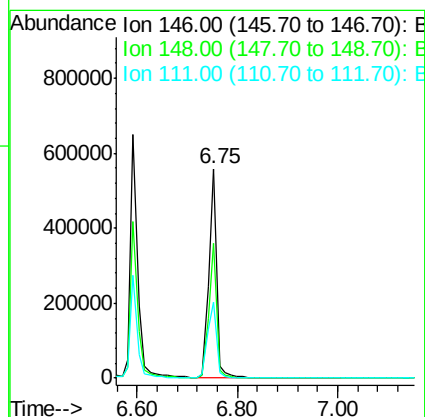
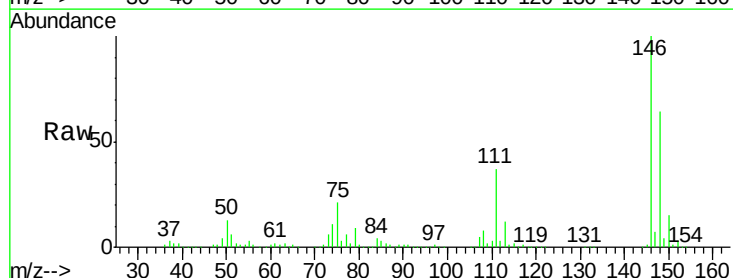
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

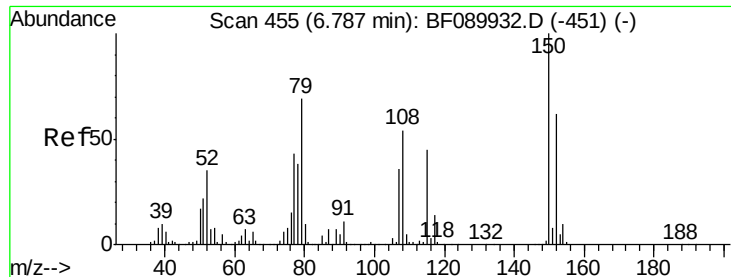
Tgt Ion:146 Resp: 663876
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.1 75.1
 111 42.1 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 39.65 ng
 RT: 6.75 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion:146 Resp: 606942
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.2
 111 36.6 34.6 51.8





#15

Benzyl Alcohol

Concen: 36.83 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

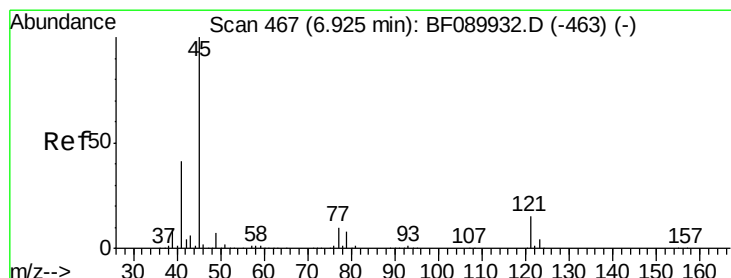
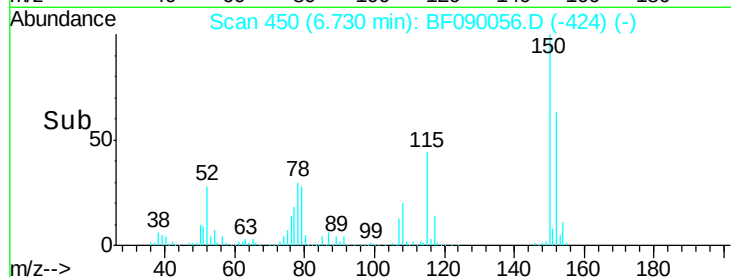
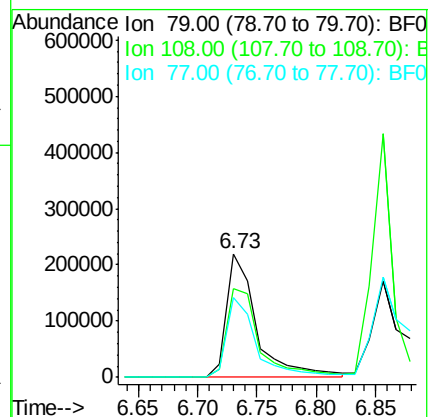
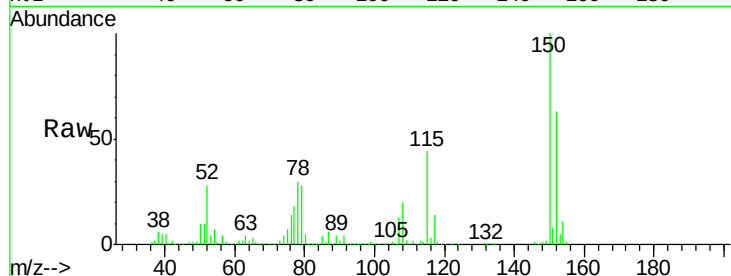
Tgt Ion: 79 Resp: 386163

Ion Ratio Lower Upper

79 100

108 71.9 62.1 93.1

77 64.5 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.94 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

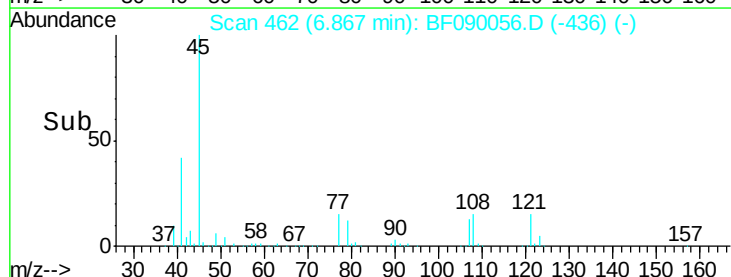
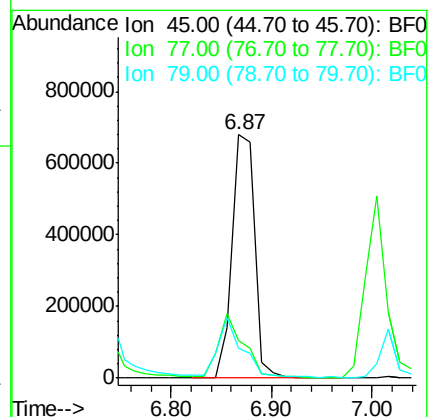
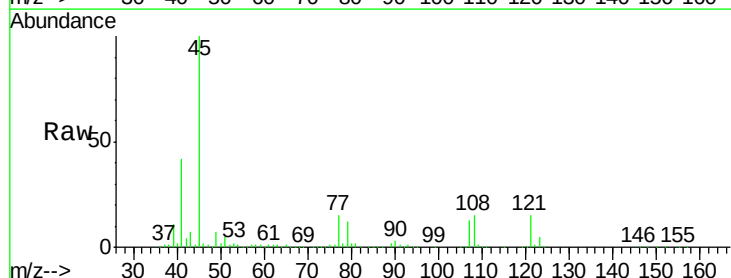
Tgt Ion: 45 Resp: 1065352

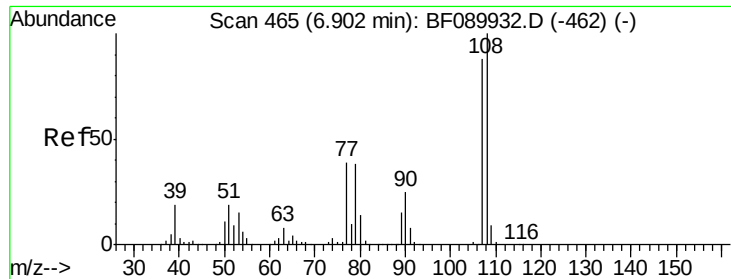
Ion Ratio Lower Upper

45 100

77 15.3 0.0 30.3

79 12.5 0.0 27.5

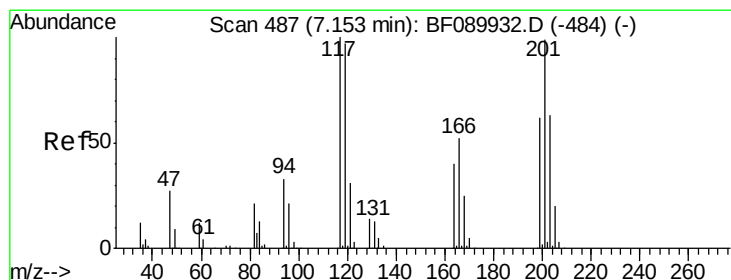
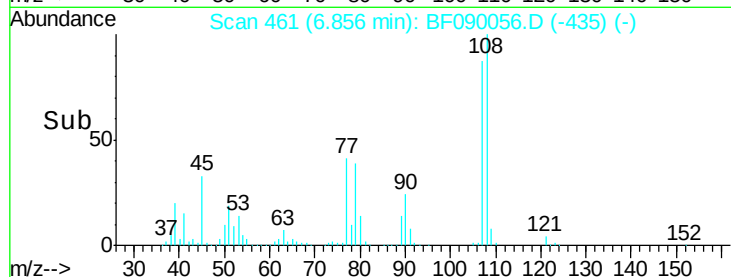
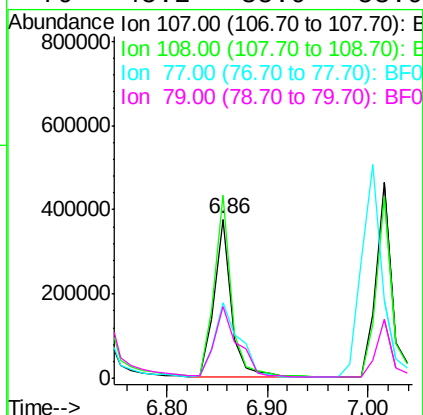
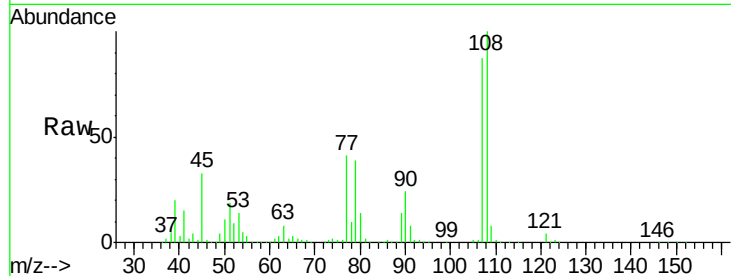




#17
2-Methylphenol
Concen: 37.88 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

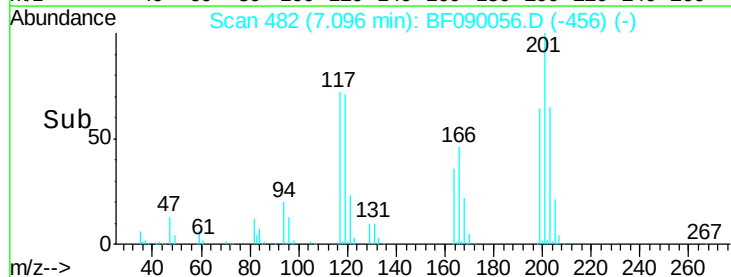
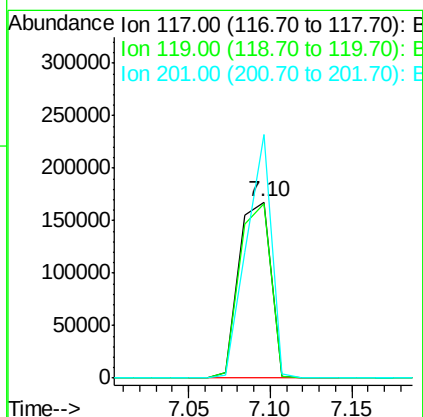
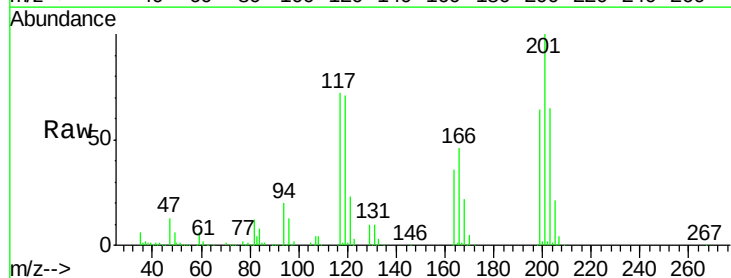
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

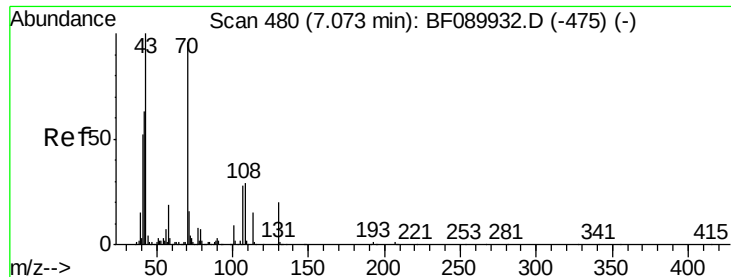
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.8	137.6
77	47.4	36.0	54.0
79	45.2	35.9	53.9



#18
Hexachloroethane
Concen: 38.82 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.2	114.2
201	138.2	80.2	120.2#

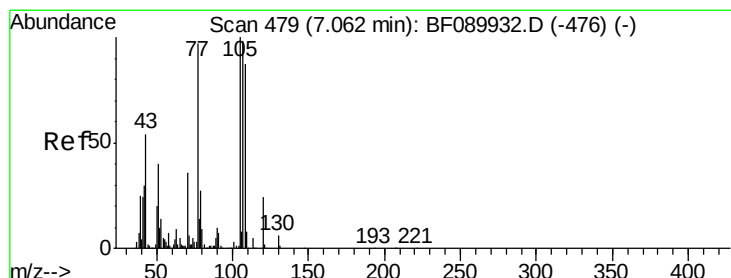
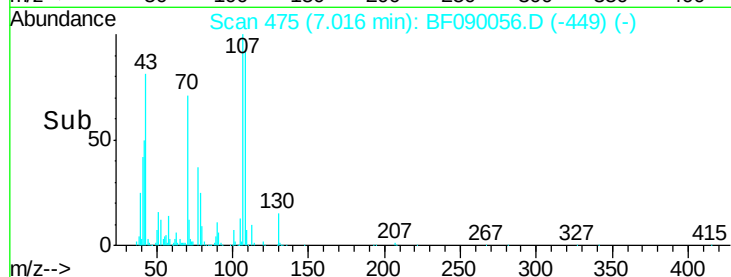
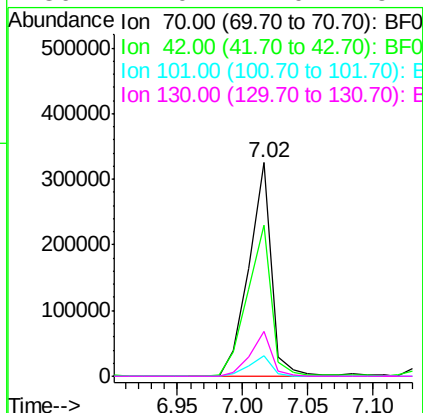
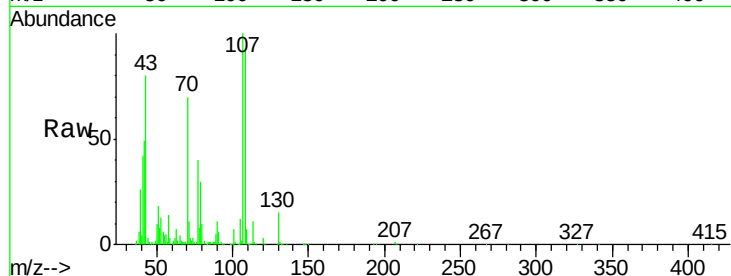




#19
n-Nitroso-di-n-propylamine
Concen: 36.13 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

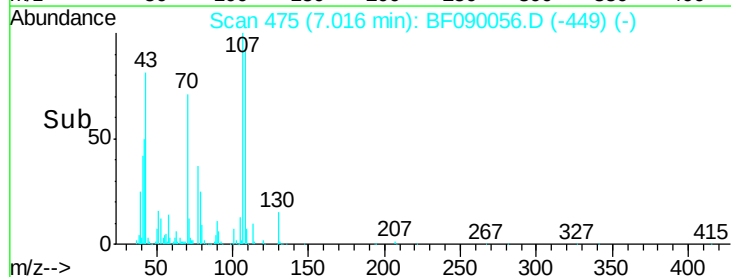
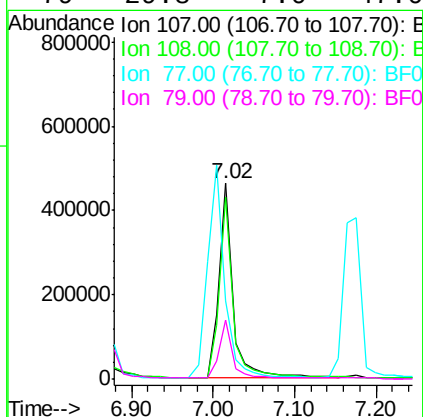
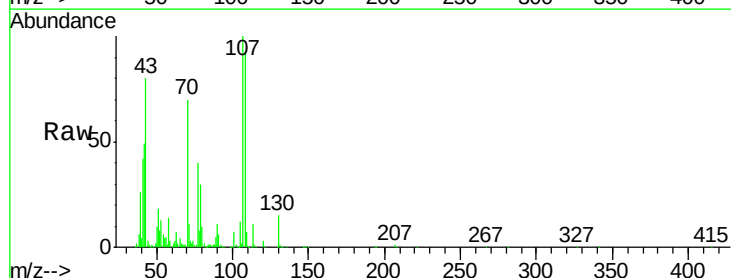
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

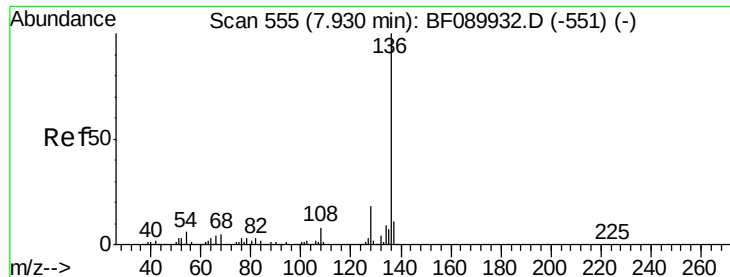
Tgt Ion:	70	Resp:	394027
Ion	Ratio	Lower	Upper
70	100		
42	70.6	52.1	78.1
101	9.6	7.4	11.2
130	21.0	17.0	25.4



#20
3+4-Methylphenols
Concen: 38.64 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion:	107	Resp:	559028
Ion	Ratio	Lower	Upper
107	100		
108	92.8	70.2	110.2
77	39.8	75.7	115.7#
79	29.8	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 887083

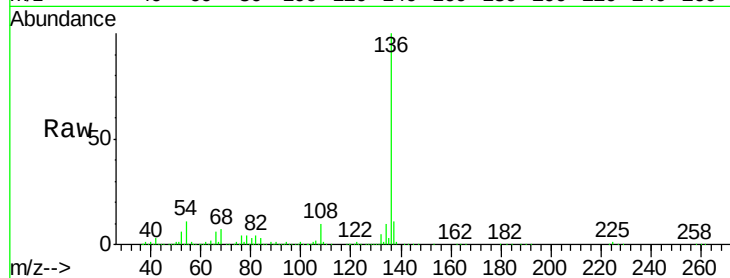
Ion Ratio Lower Upper

136 100

137 11.5 8.3 12.5

54 10.8 4.8 7.2#

68 6.7 3.7 5.5#

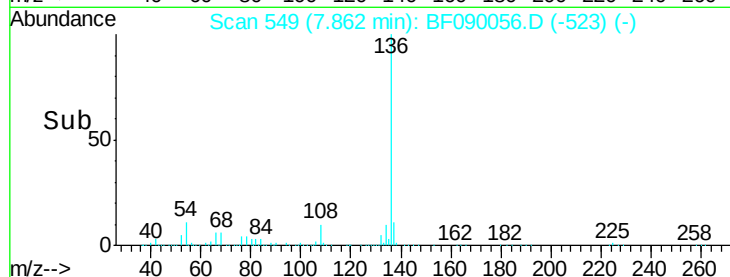


Abundance Ion 136.00 (135.70 to 136.70): E

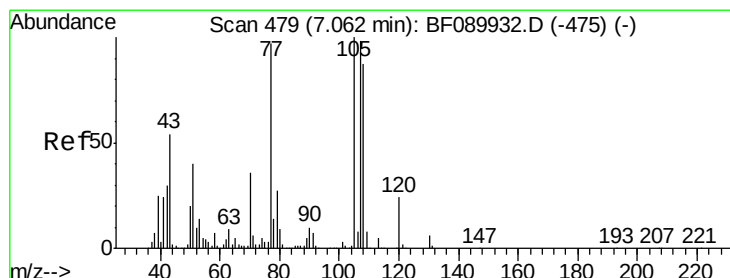
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.70 7.80 7.90 8.00 8.10



#22

Acetophenone

Concen: 40.31 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Tgt Ion:105 Resp: 802134

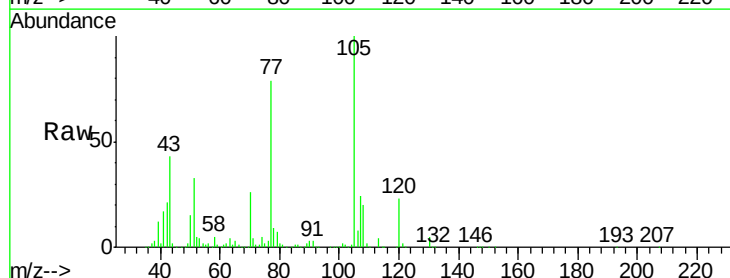
Ion Ratio Lower Upper

105 100

71 4.2 5.3 7.9#

51 32.6 32.6 48.8#

120 22.9 18.6 28.0

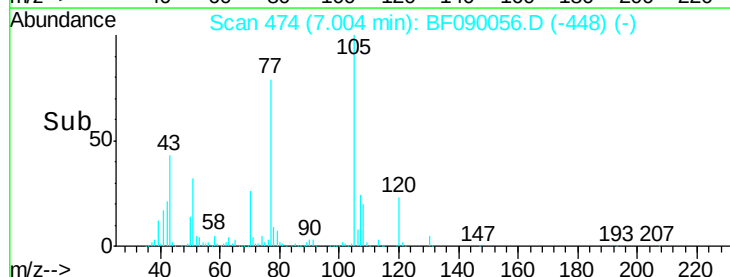


Abundance Ion 105.00 (104.70 to 105.70): E

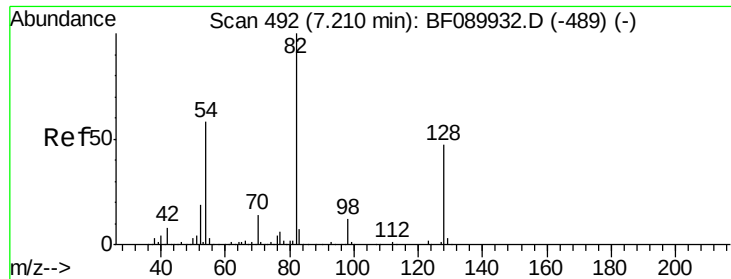
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



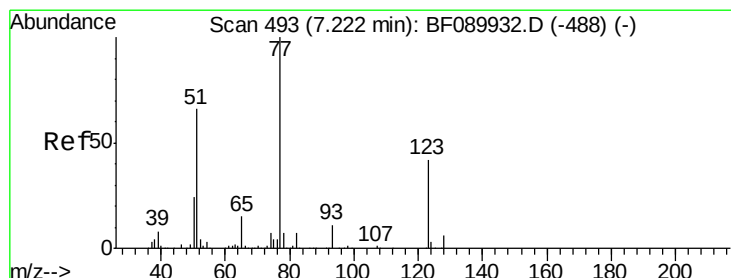
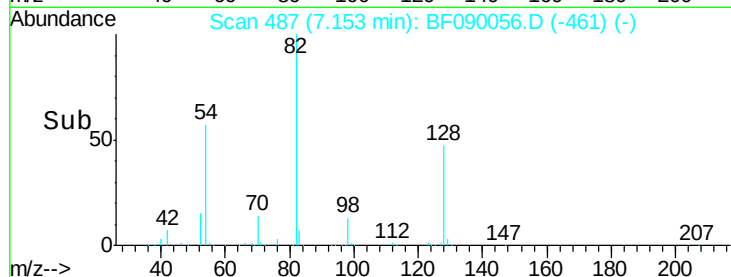
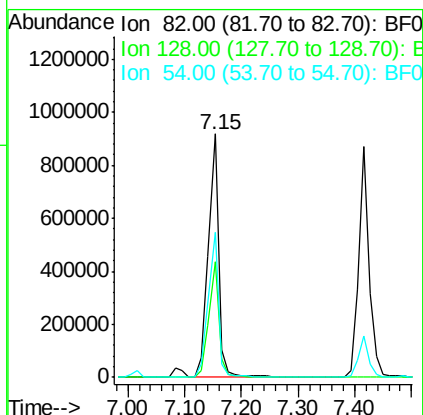
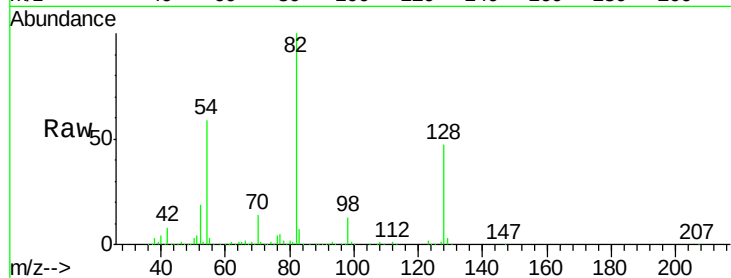
Time--> 6.90 7.00 7.10 7.20



#23
 Nitrobenzene-d5
 Concen: 73.67 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

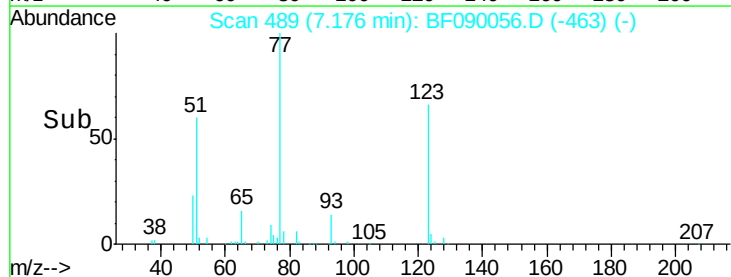
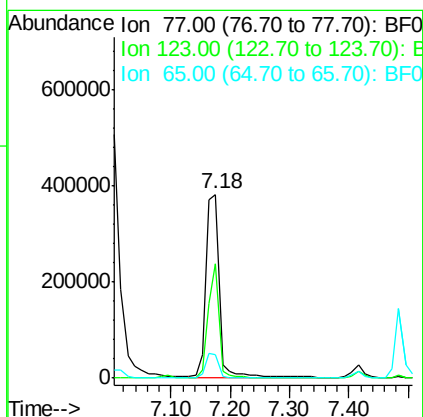
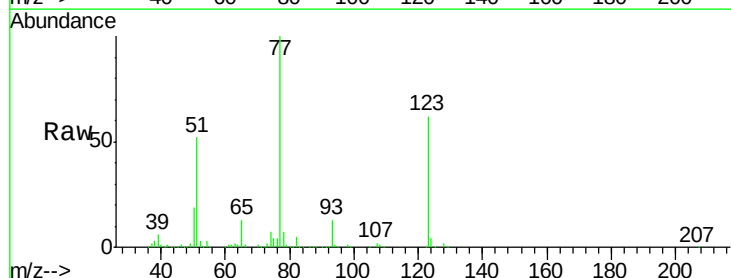
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

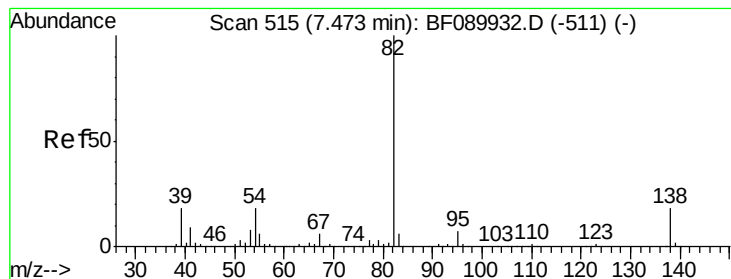
Tgt Ion: 82 Resp: 1126805
 Ion Ratio Lower Upper
 82 100
 128 47.2 37.8 56.8
 54 59.4 46.9 70.3



#24
 Nitrobenzene
 Concen: 36.87 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion: 77 Resp: 599579
 Ion Ratio Lower Upper
 77 100
 123 62.3 32.0 48.0#
 65 12.9 11.2 16.8





#25

Isophorone

Concen: 36.37 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

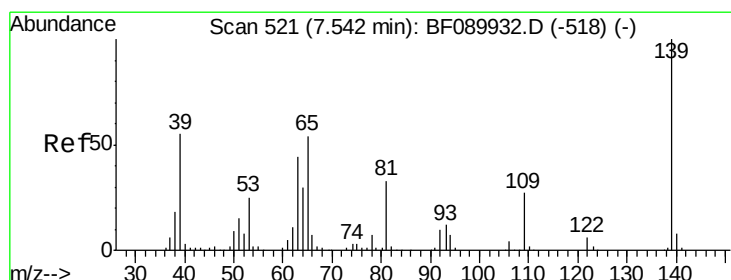
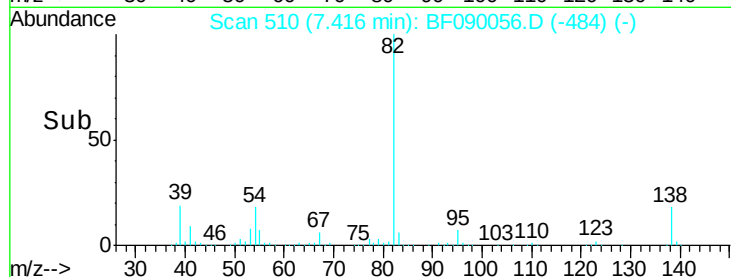
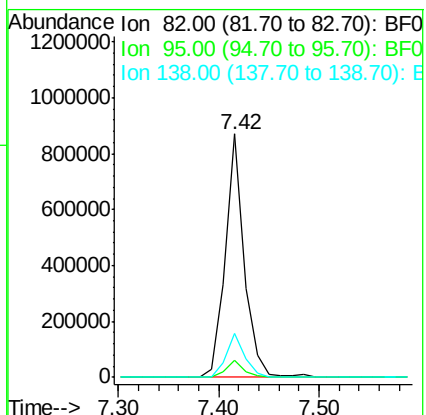
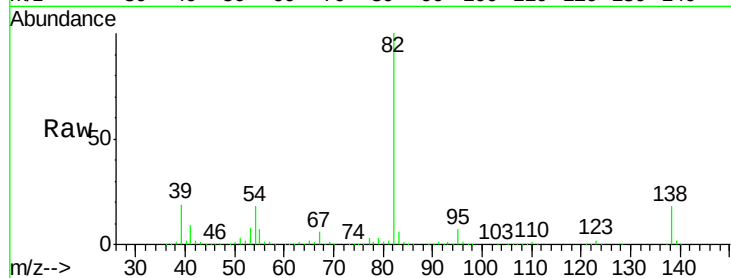
Tgt Ion: 82 Resp: 1131252

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 18.0 14.4 21.6



#26

2-Nitrophenol

Concen: 40.77 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

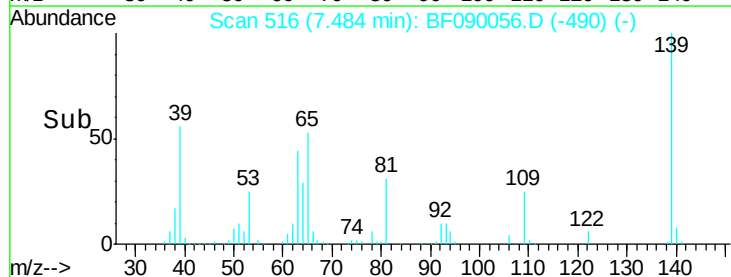
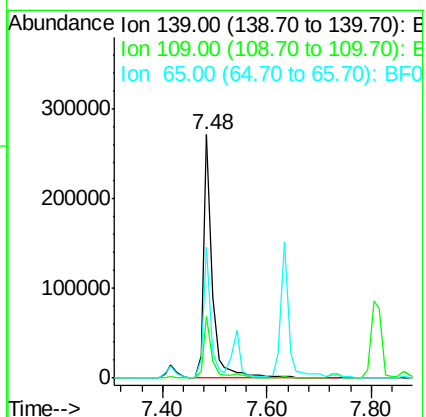
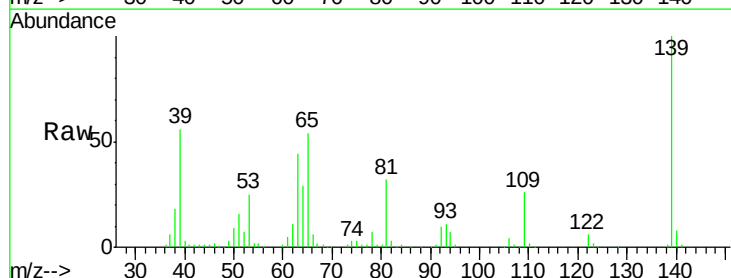
Tgt Ion: 139 Resp: 316937

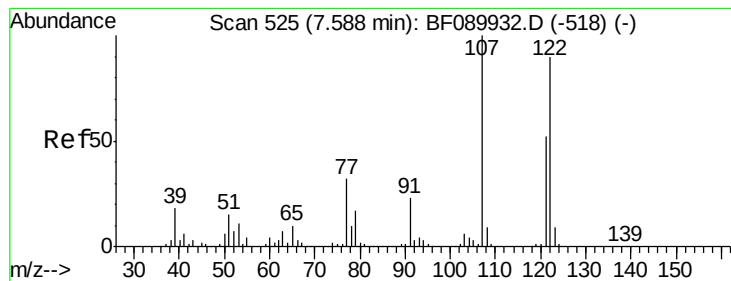
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.4

65 53.9 43.4 65.0





#27

2,4-Dimethylphenol

Concen: 37.97 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

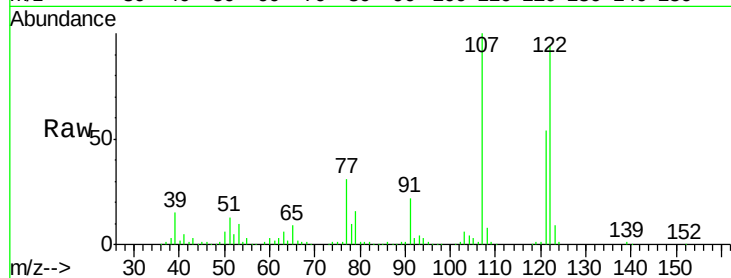
Tgt Ion:122 Resp: 545997

Ion Ratio Lower Upper

122 100

107 106.2 88.5 132.7

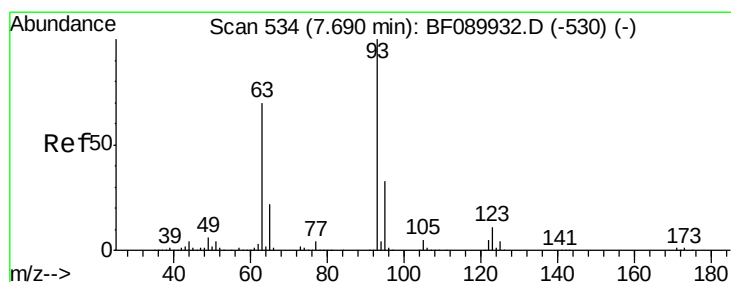
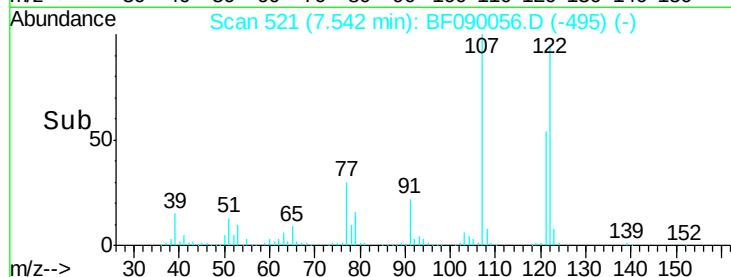
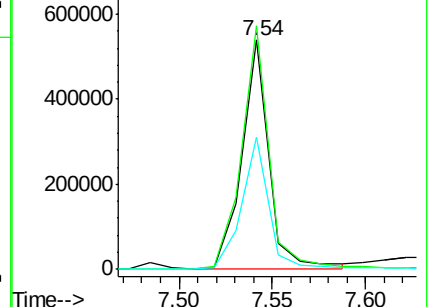
121 57.5 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.18 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

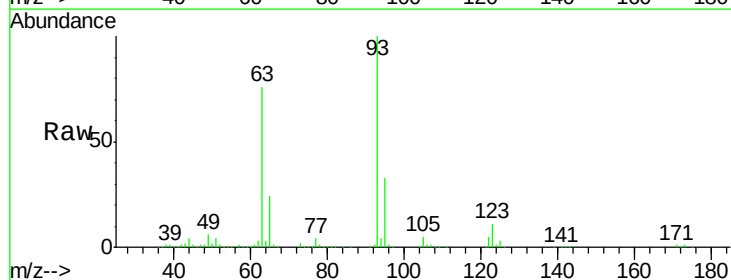
Tgt Ion: 93 Resp: 678822

Ion Ratio Lower Upper

93 100

95 33.4 26.6 40.0

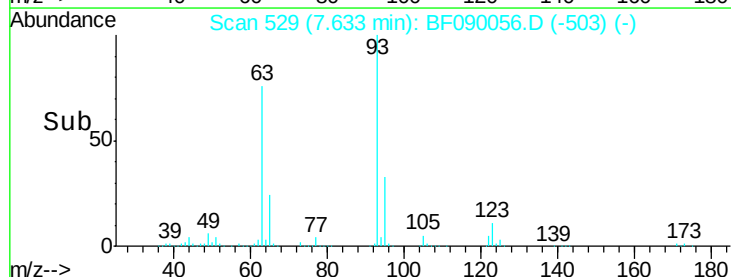
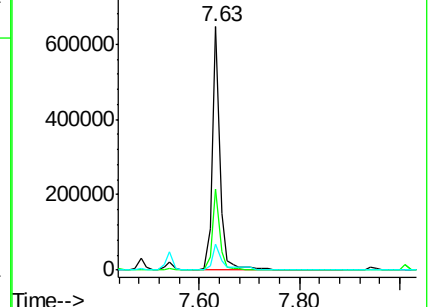
123 10.8 9.1 13.7

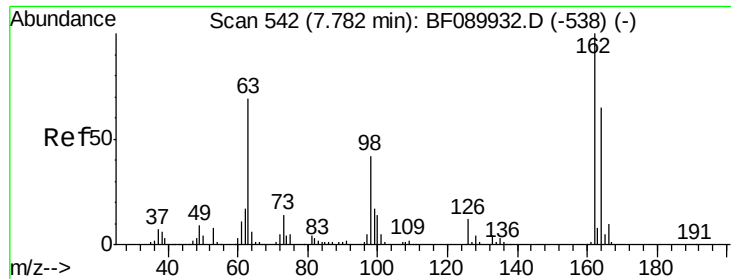


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

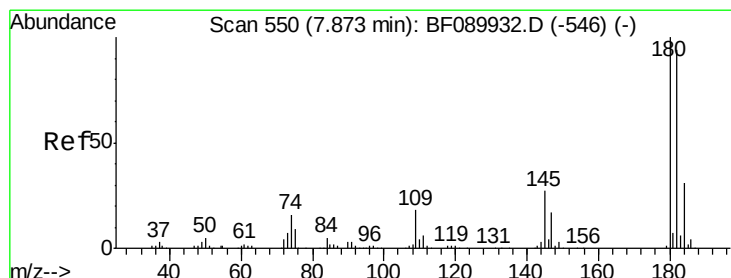
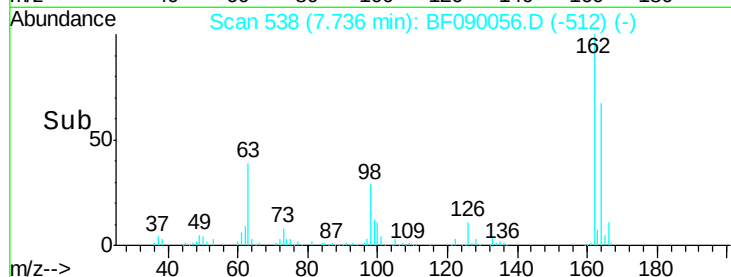
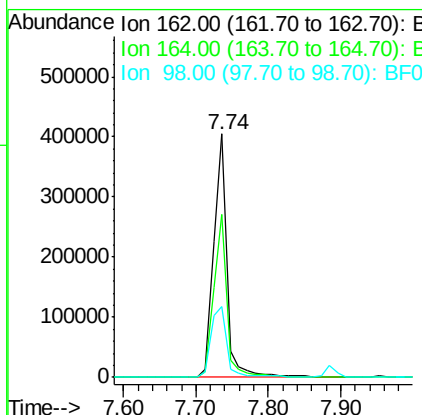
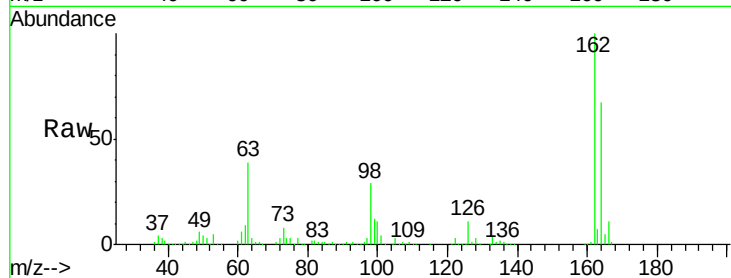




#29
 2,4-Dichlorophenol
 Concen: 39.90 ng
 RT: 7.74 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

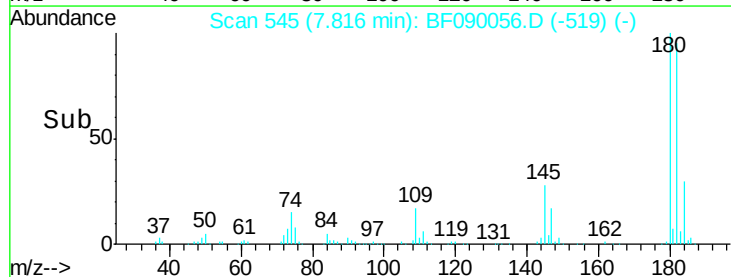
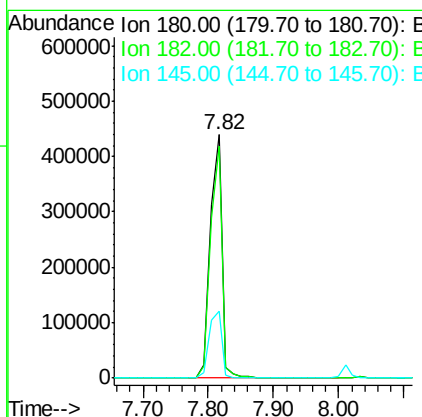
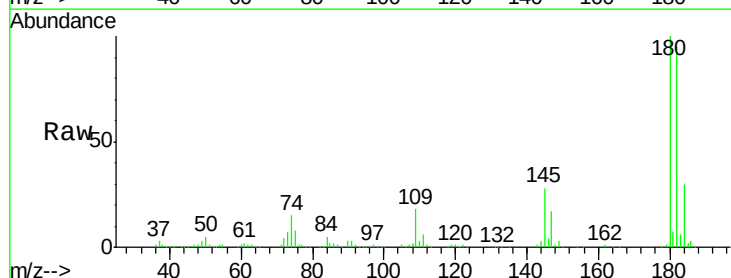
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

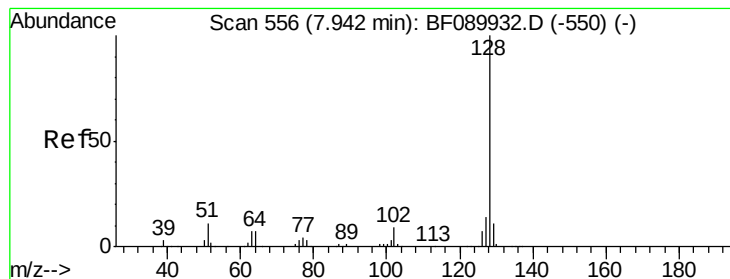
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.7	46.6	86.6
98	29.3	22.0	62.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.74 ng
 RT: 7.82 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.2
145	27.6	22.2	33.4





#31

Naphthalene

Concen: 35.04 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

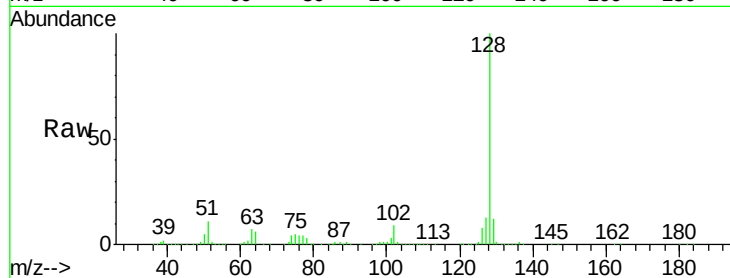
Tgt Ion:128 Resp: 1548422

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

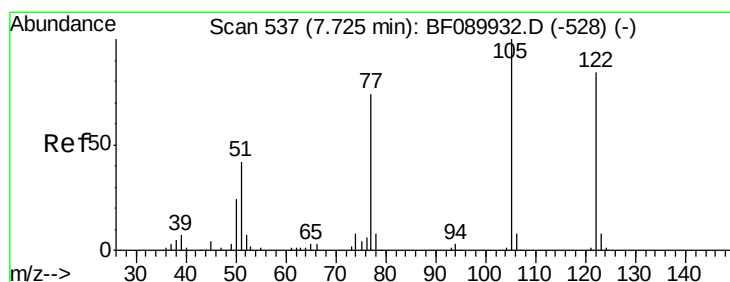
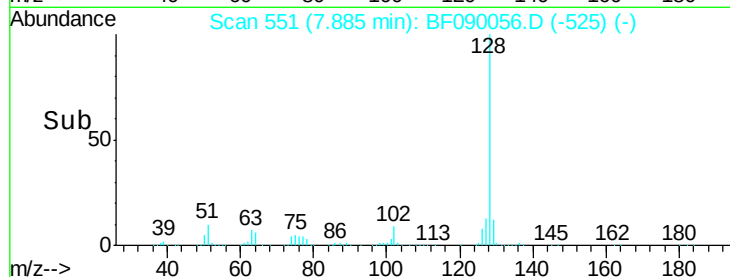
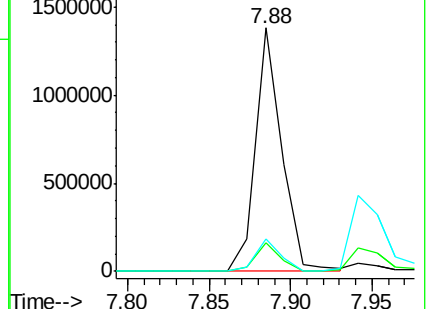
127 13.4 10.7 16.1



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: 44.91 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

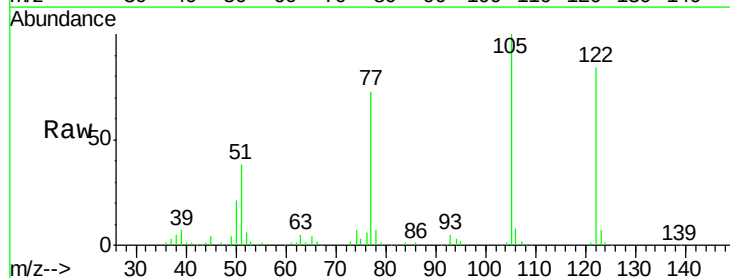
Tgt Ion:122 Resp: 434971

Ion Ratio Lower Upper

122 100

105 119.6 102.2 142.2

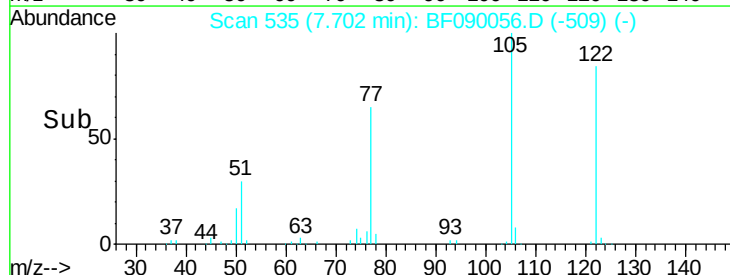
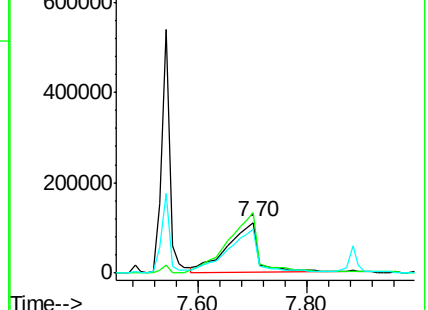
77 87.4 74.1 114.1

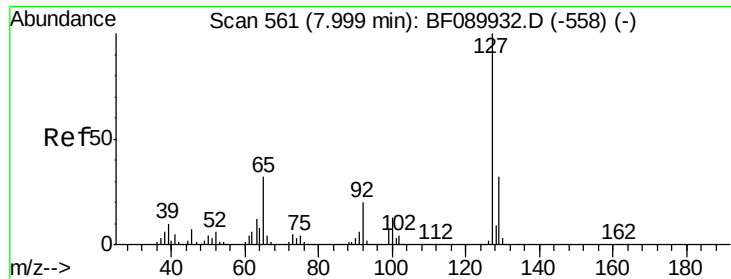


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

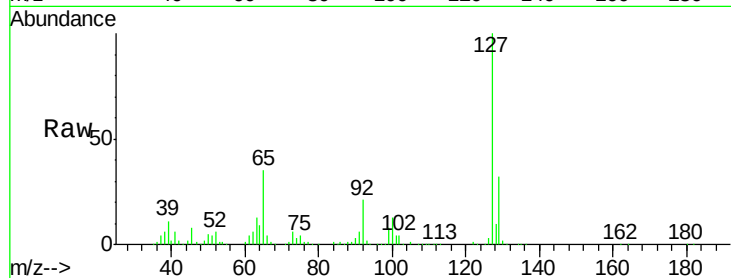




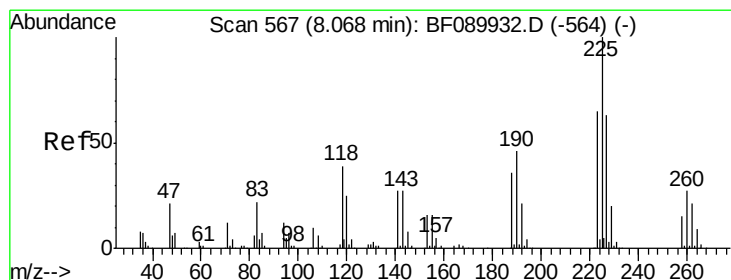
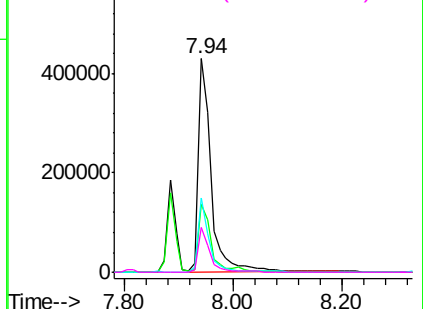
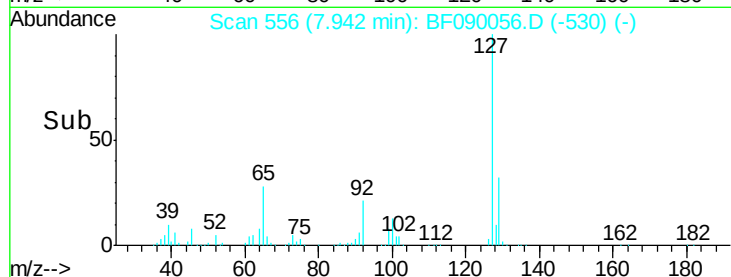
#33
 4-Chloroaniline
 Concen: 38.85 ng
 RT: 7.94 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	127	Resp:	692778
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	34.7	26.0	39.0
92	21.0	15.9	23.9

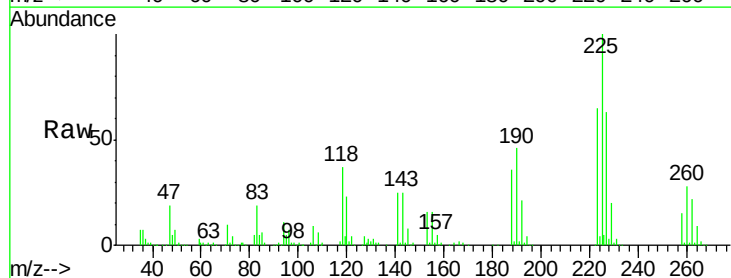


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

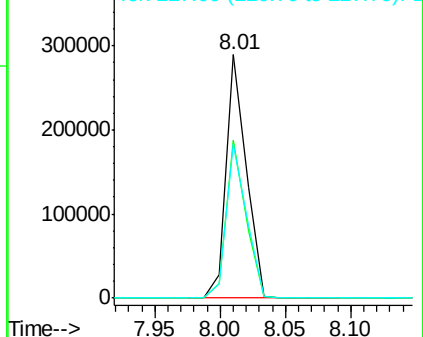
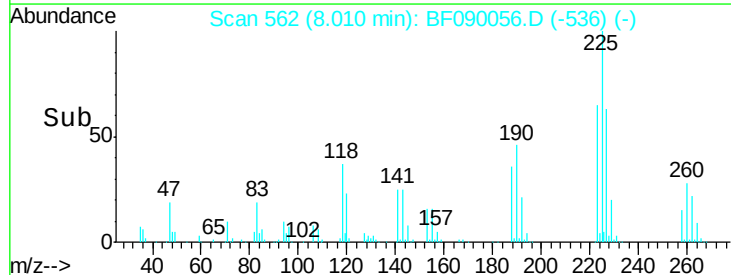


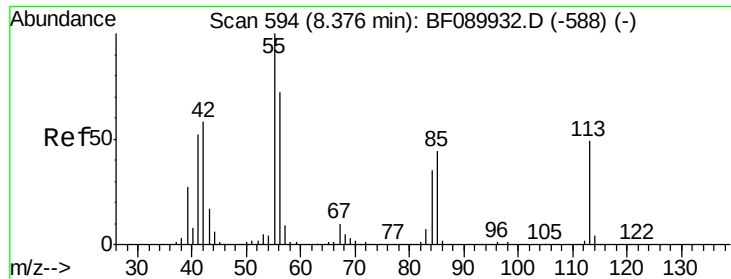
#34
 Hexachlorobutadiene
 Concen: 37.59 ng
 RT: 8.01 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion:	225	Resp:	310474
Ion	Ratio	Lower	Upper
225	100		
223	64.9	52.6	78.8
227	63.2	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

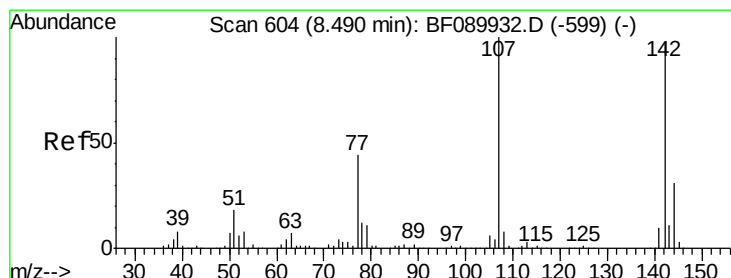
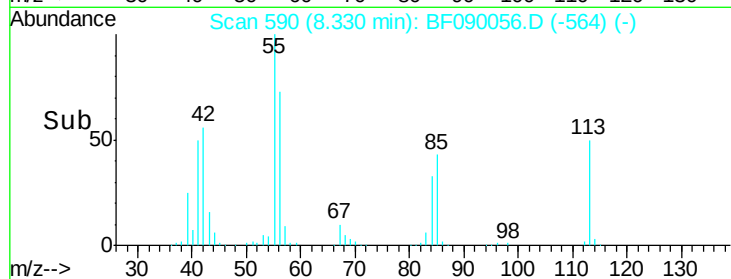
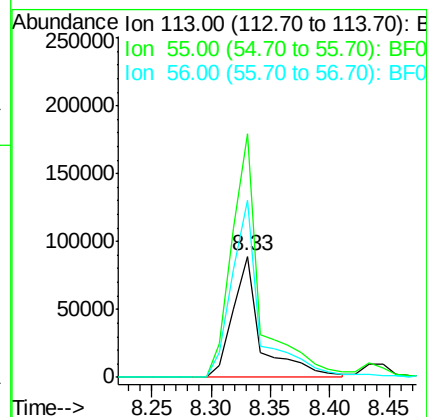
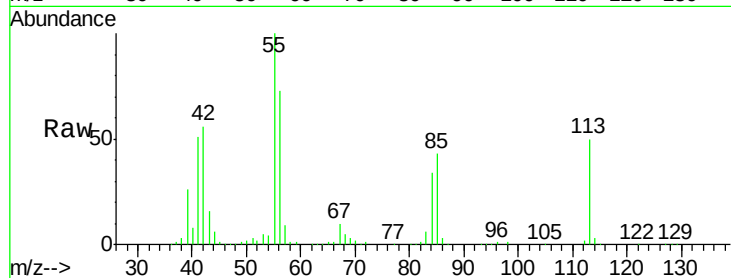




#35
Caprolactam
Concen: 36.24 ng
RT: 8.33 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

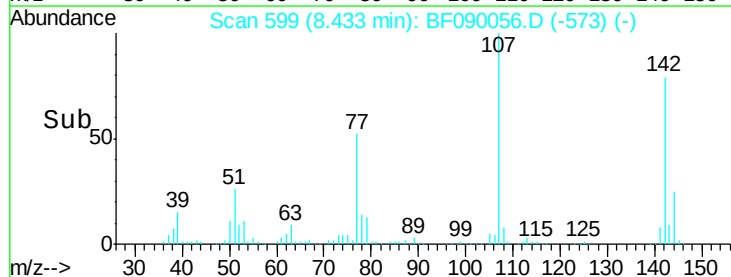
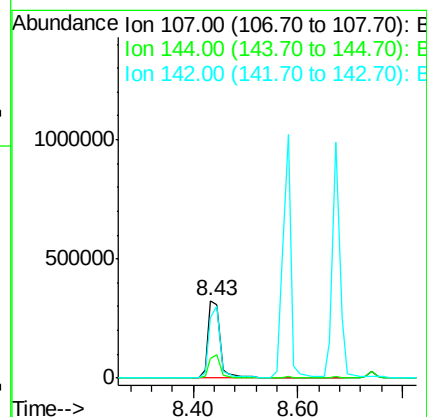
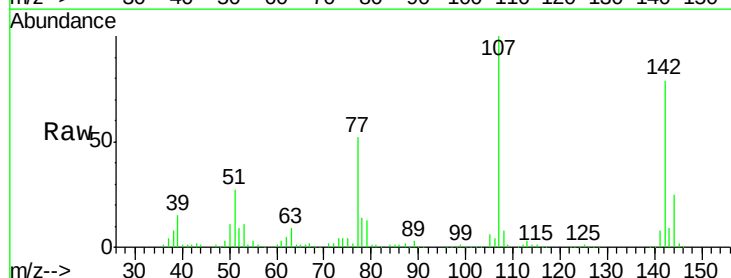
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

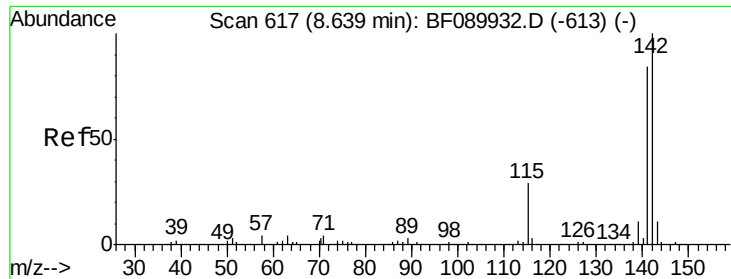
Tgt Ion:113 Resp: 147469
Ion Ratio Lower Upper
113 100
55 200.8 178.5 218.5
56 146.0 122.7 162.7



#36
4-Chloro-3-methylphenol
Concen: 38.96 ng
RT: 8.43 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion:107 Resp: 531866
Ion Ratio Lower Upper
107 100
144 24.7 25.8 38.8#
142 78.8 79.2 118.8#

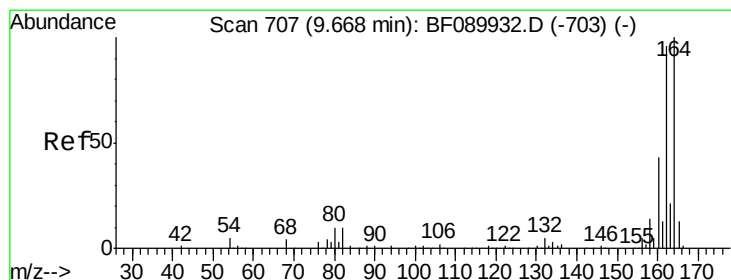
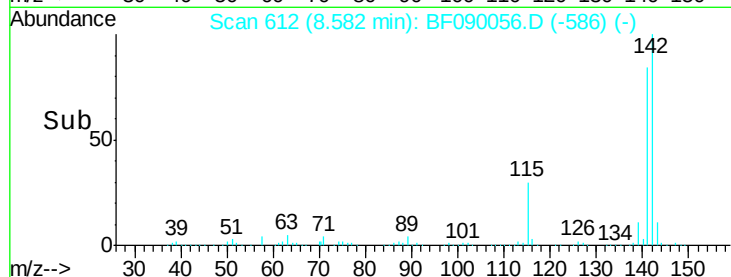
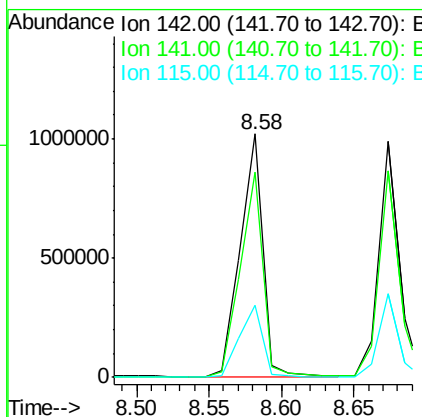
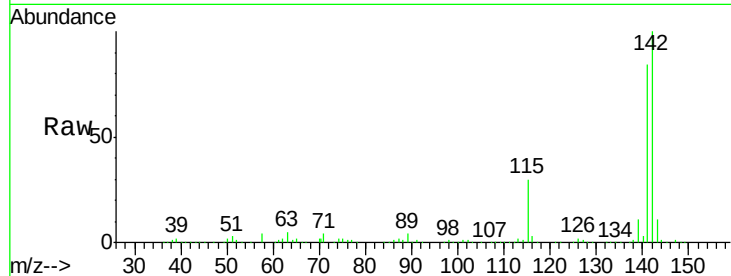




#37
 2-Methylnaphthalene
 Concen: 38.42 ng
 RT: 8.58 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

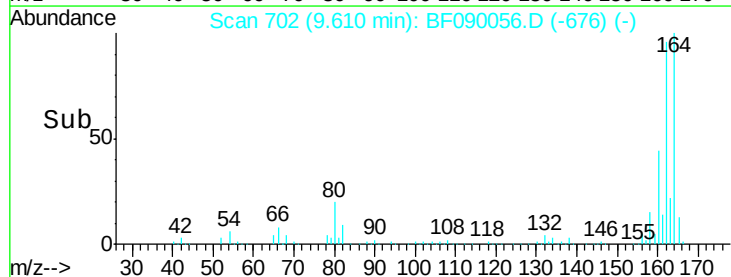
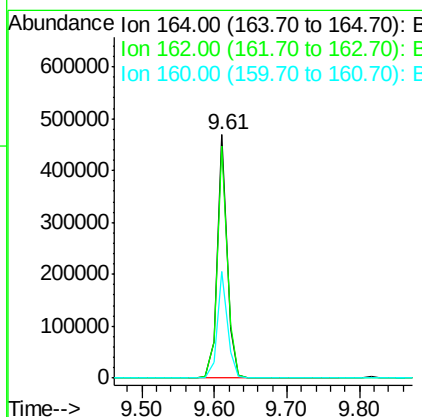
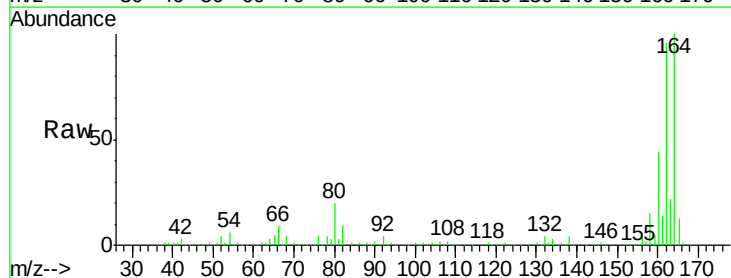
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

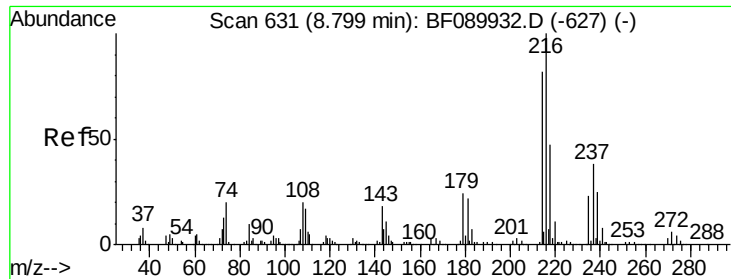
Tgt Ion:142 Resp: 1122058
 Ion Ratio Lower Upper
 142 100
 141 84.4 68.3 102.5
 115 29.8 23.8 35.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion:164 Resp: 445462
 Ion Ratio Lower Upper
 164 100
 162 95.6 77.1 115.7
 160 43.8 35.3 52.9

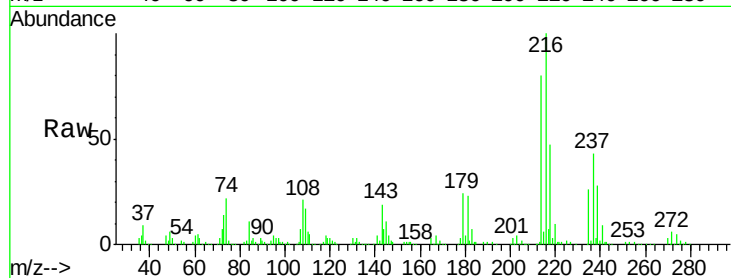




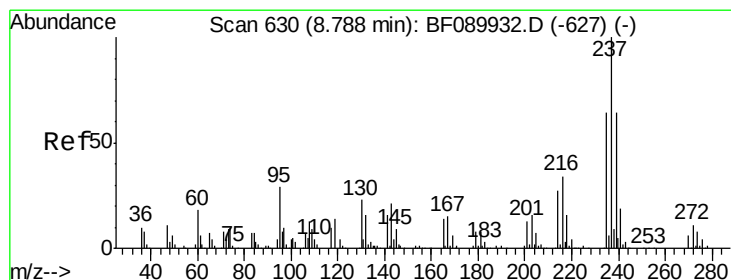
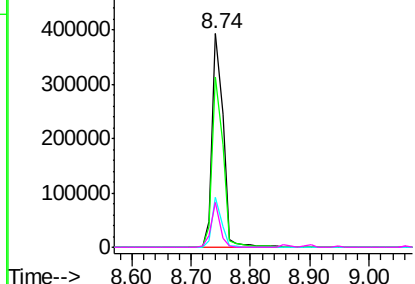
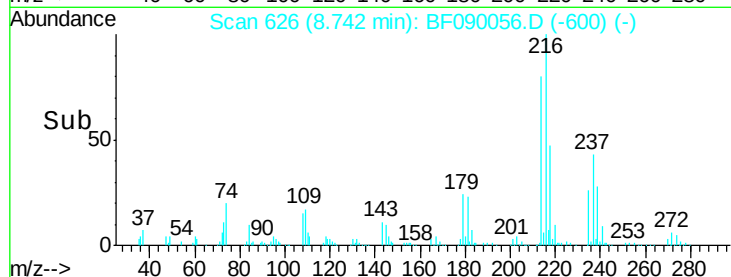
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.34 ng
 RT: 8.74 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	500278
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.2
179	20.7	17.3	25.9
108	17.2	15.5	23.3

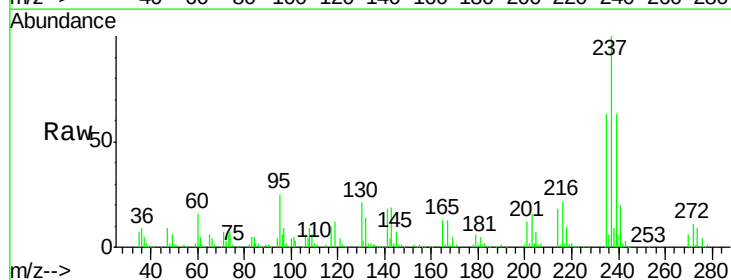


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

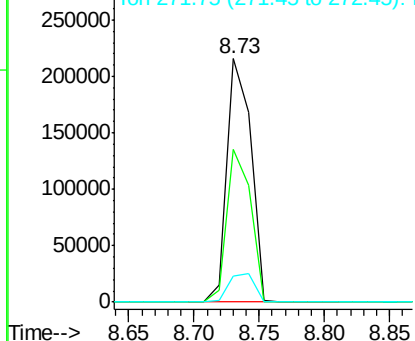
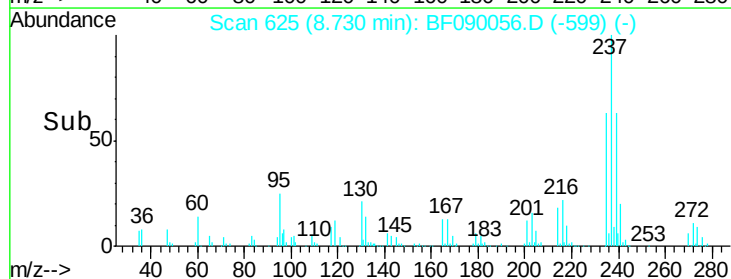


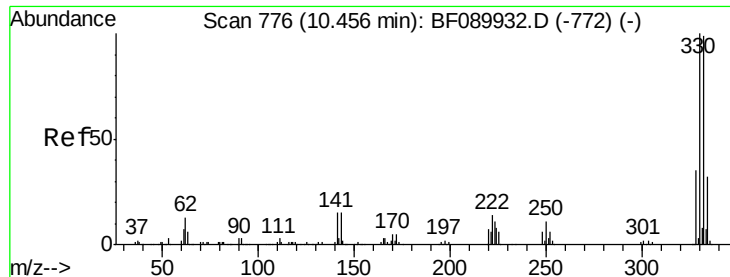
#40
 Hexachlorocyclopentadiene
 Concen: 41.30 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion:	237	Resp:	276349
Ion	Ratio	Lower	Upper
237	100		
235	62.8	39.6	79.6
272	10.9	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

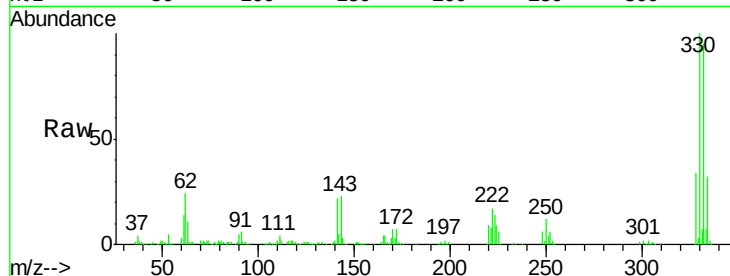




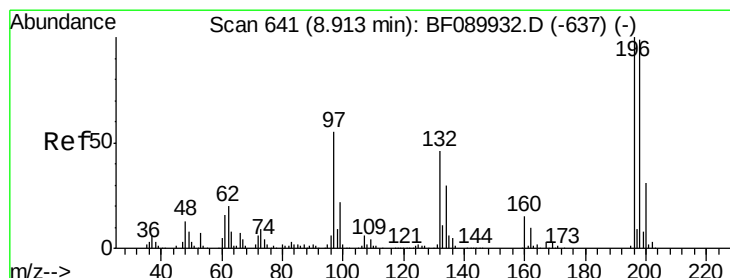
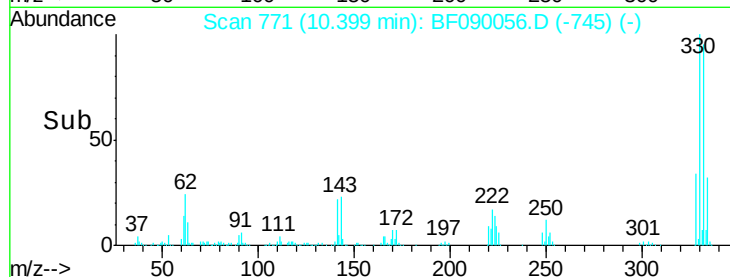
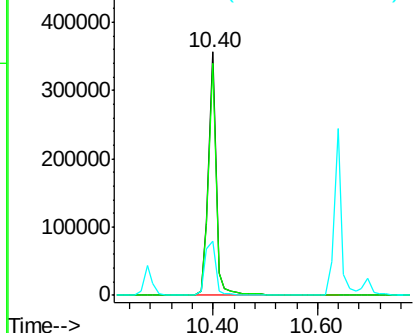
#41
 2,4,6-Tribromophenol
 Concen: 85.00 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 373564
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.6 117.8
 141 31.7 23.3 34.9

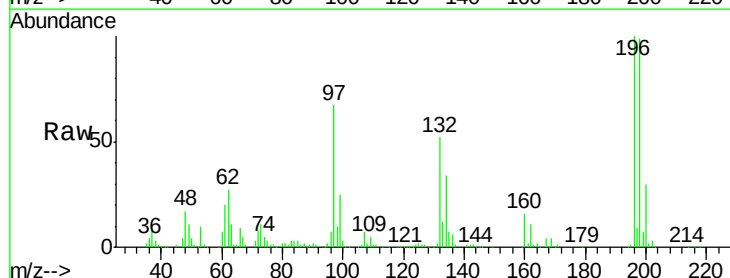


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

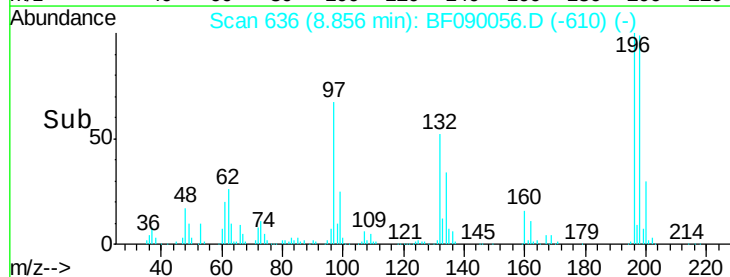
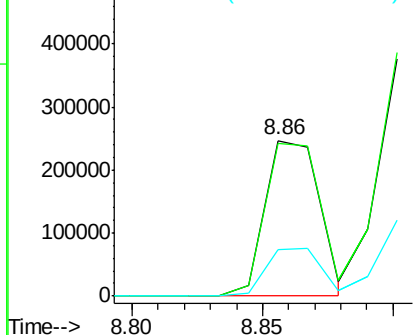


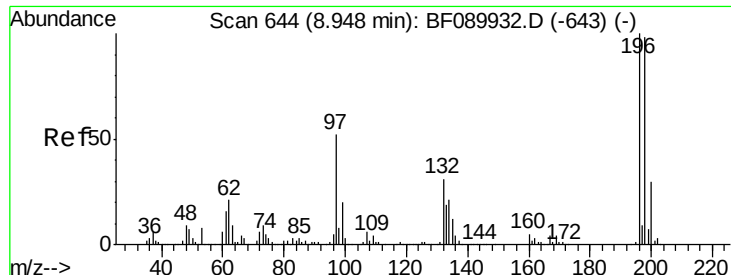
#42
 2,4,6-Trichlorophenol
 Concen: 39.67 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion:196 Resp: 358811
 Ion Ratio Lower Upper
 196 100
 198 98.6 78.3 117.5
 200 30.0 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

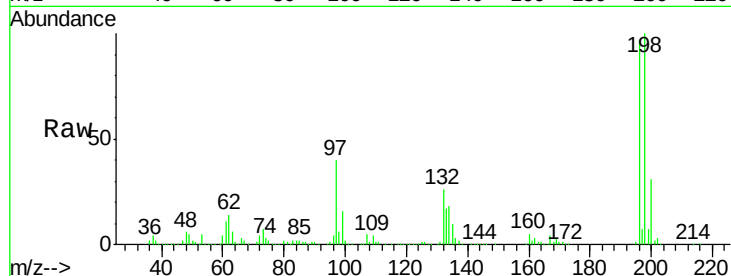




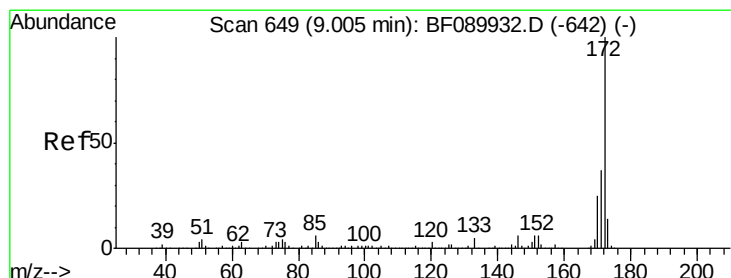
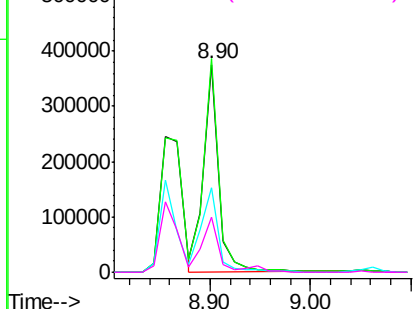
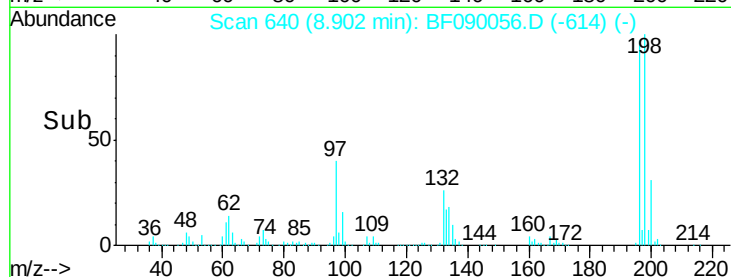
#43
 2,4,5-Trichlorophenol
 Concen: 45.53 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:196 Resp: 395920
 Ion Ratio Lower Upper
 196 100
 198 102.8 80.8 121.2
 97 40.7 44.2 66.4#
 132 26.7 25.8 38.6

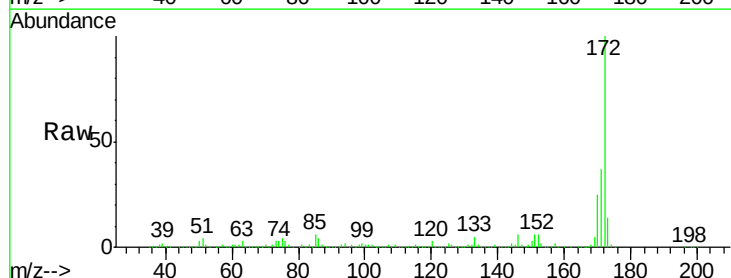


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

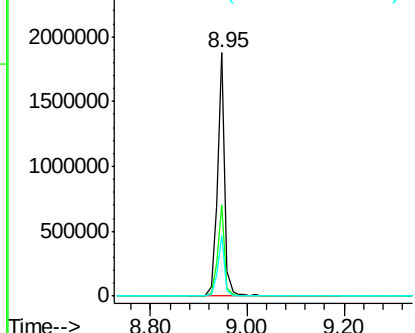
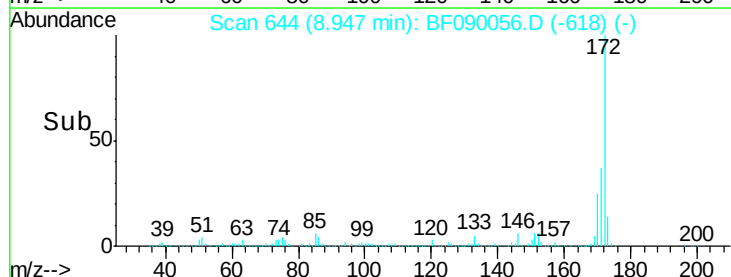


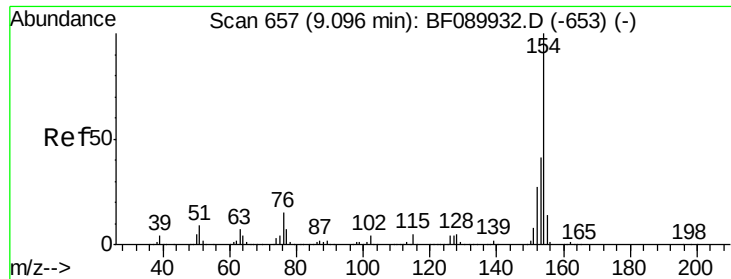
#44
 2-Fluorobiphenyl
 Concen: 74.23 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion:172 Resp: 2014477
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.4 44.2
 170 24.7 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

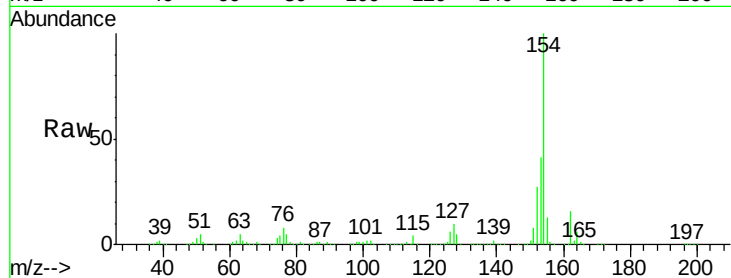




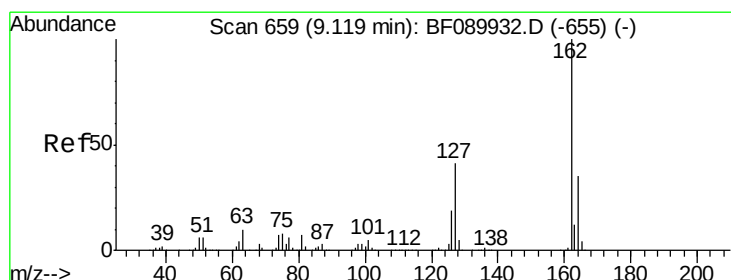
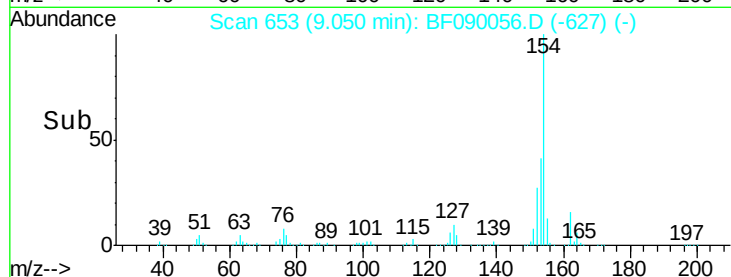
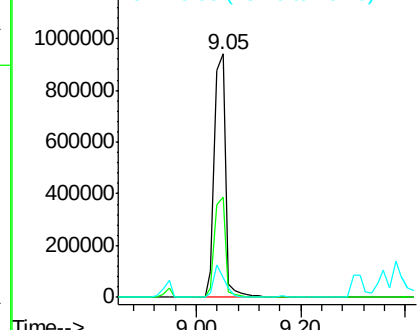
#45
 1,1'-Biphenyl
 Concen: 39.41 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1413349
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.6 60.6
 76 8.1 0.0 34.9

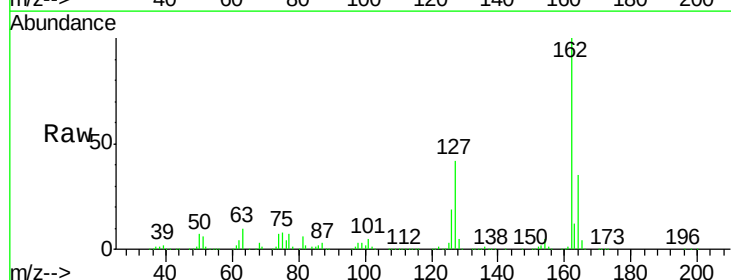


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

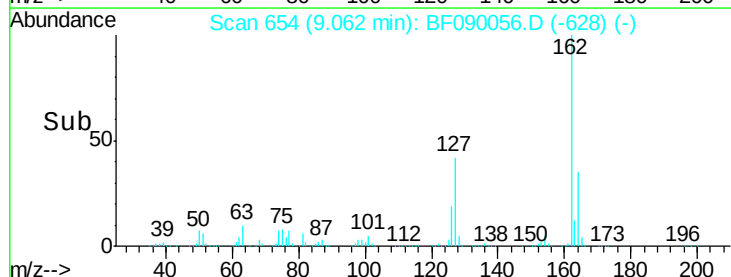
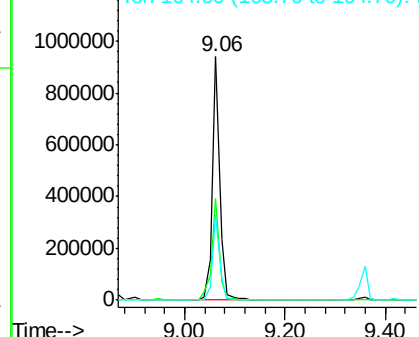


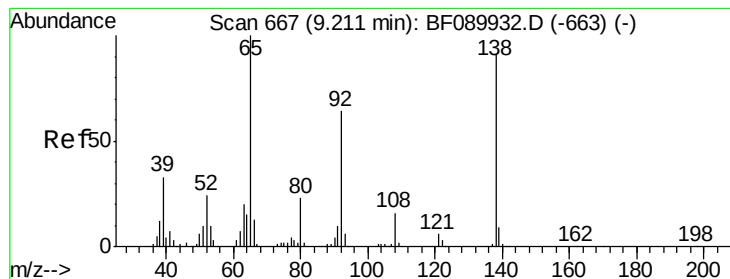
#46
 2-Chloronaphthalene
 Concen: 37.97 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion:162 Resp: 963241
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.5 50.3
 164 34.6 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: 40.12 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

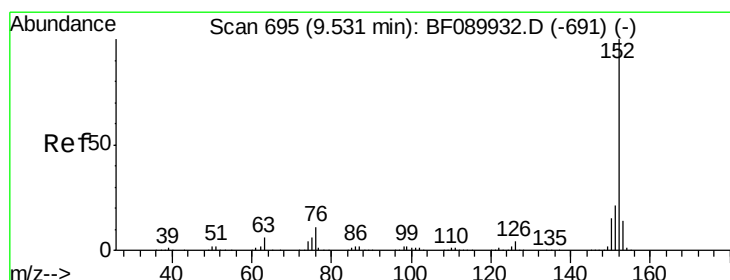
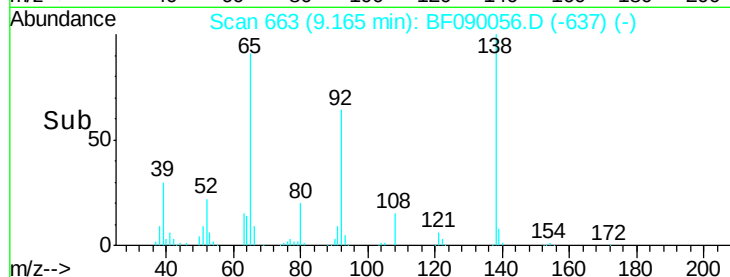
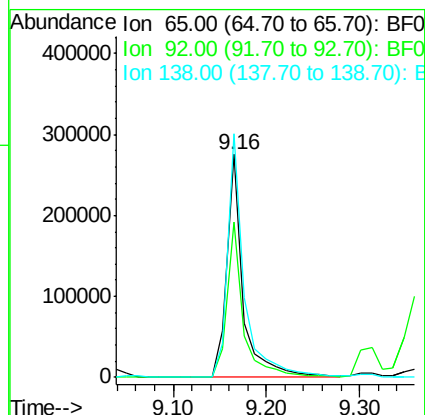
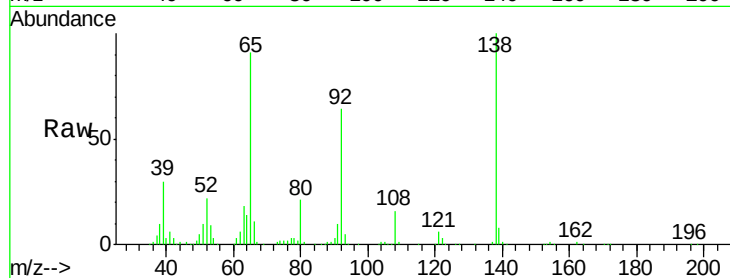
Tgt Ion: 65 Resp: 332799

Ion Ratio Lower Upper

65 100

92 69.9 52.0 78.0

138 109.4 72.1 108.1#



#48

Acenaphthylene

Concen: 38.18 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

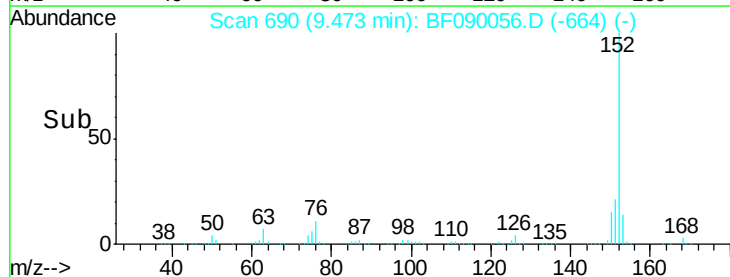
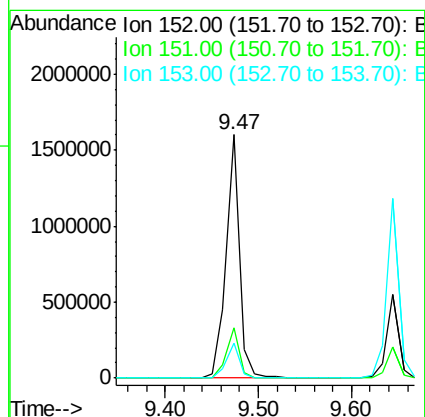
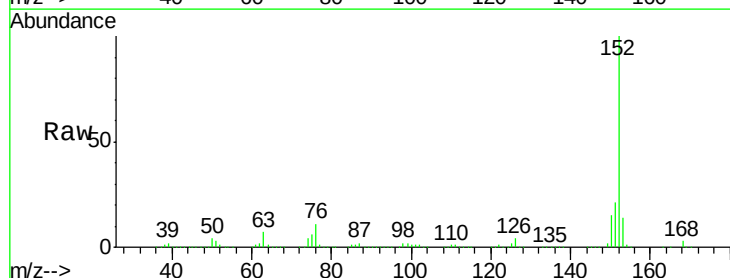
Tgt Ion: 152 Resp: 1601679

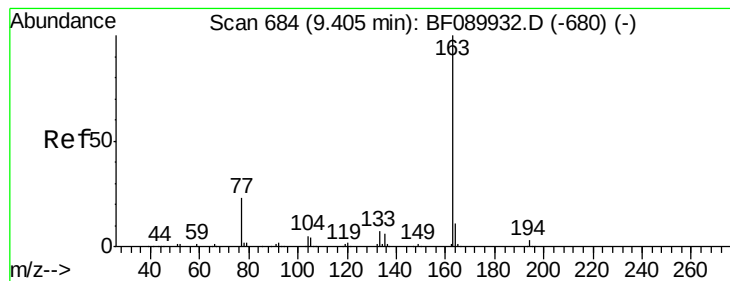
Ion Ratio Lower Upper

152 100

151 20.9 16.7 25.1

153 14.4 11.6 17.4





#49

Dimethylphthalate

Concen: 39.67 ng

RT: 9.36 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

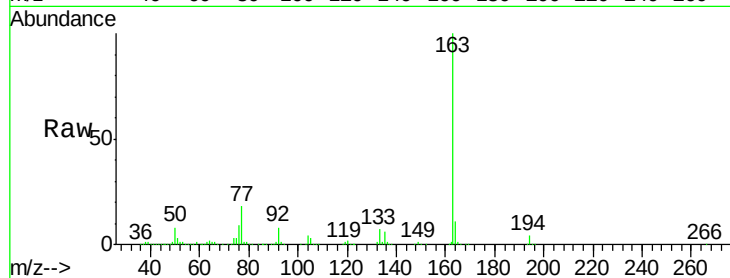
Tgt Ion:163 Resp: 1277387

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

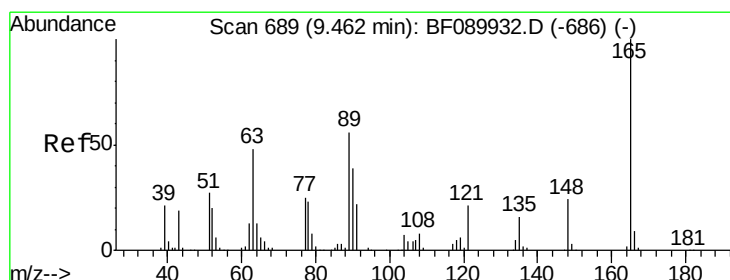
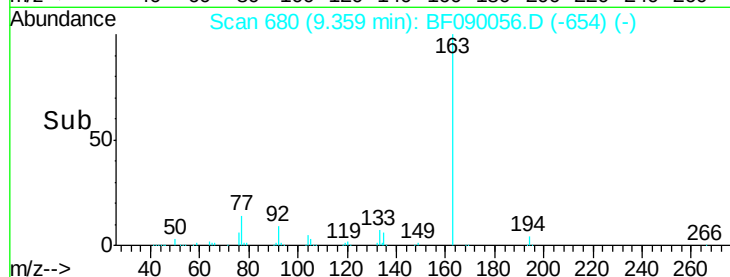
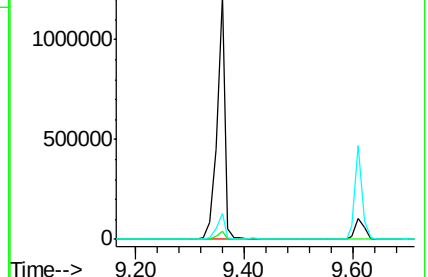
164 10.8 9.0 13.4



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: 44.04 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

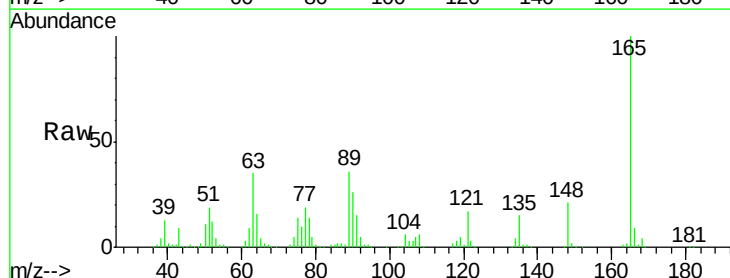
Tgt Ion:165 Resp: 315353

Ion Ratio Lower Upper

165 100

63 35.2 45.0 67.4#

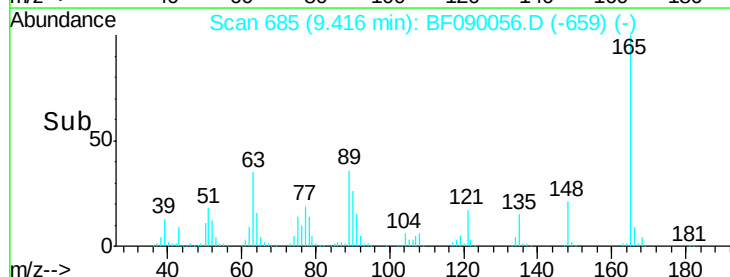
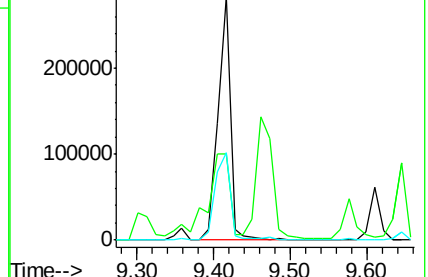
89 36.0 41.5 62.3#

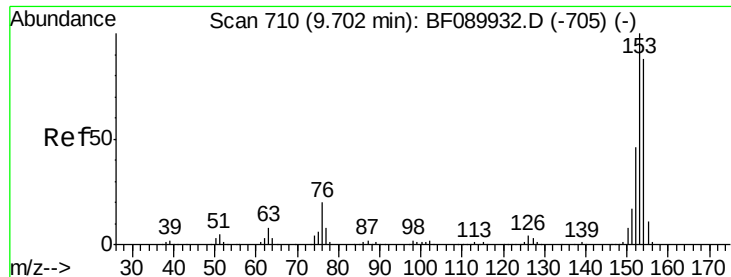


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.41 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

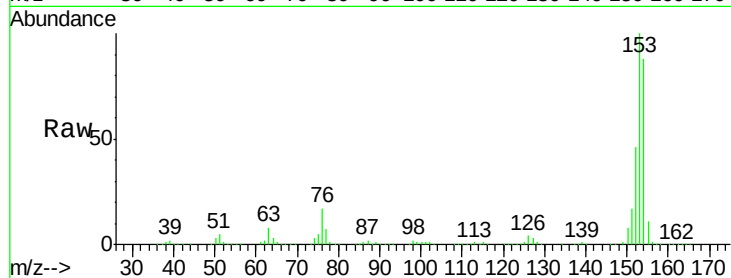
Tgt Ion:154 Resp: 1047523

Ion Ratio Lower Upper

154 100

153 113.4 90.6 135.8

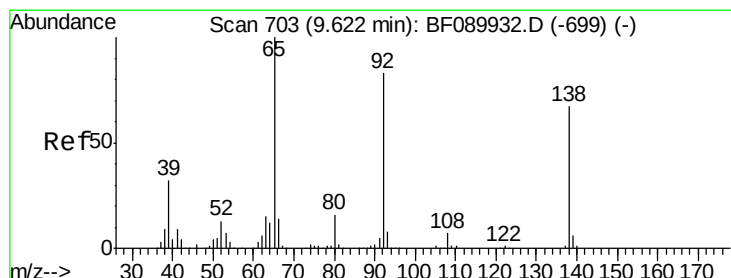
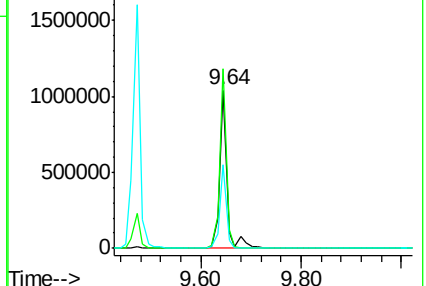
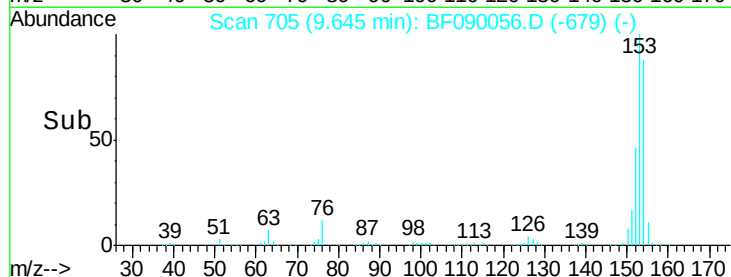
152 52.7 42.4 63.6



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: 38.87 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

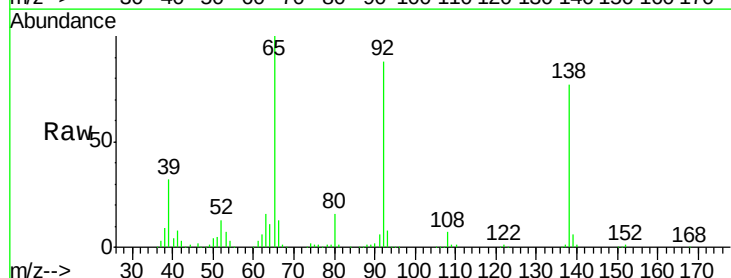
Tgt Ion:138 Resp: 317484

Ion Ratio Lower Upper

138 100

108 9.3 8.3 12.5

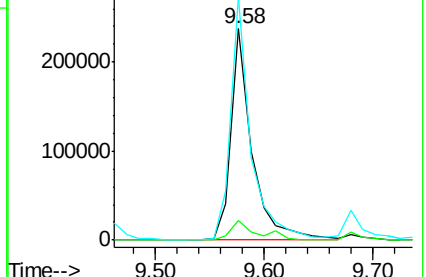
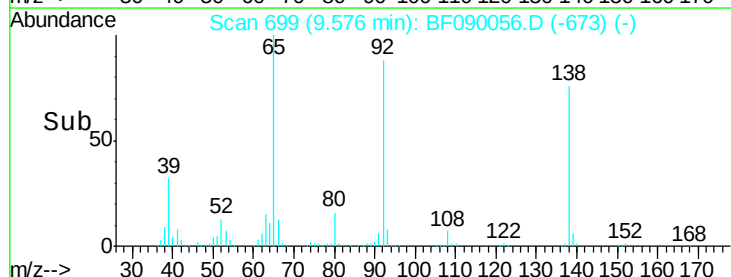
92 115.2 99.1 148.7

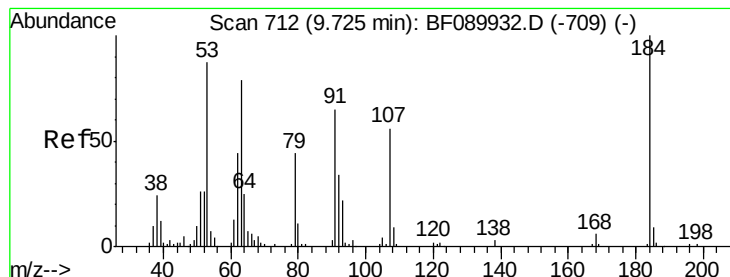


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 44.16 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

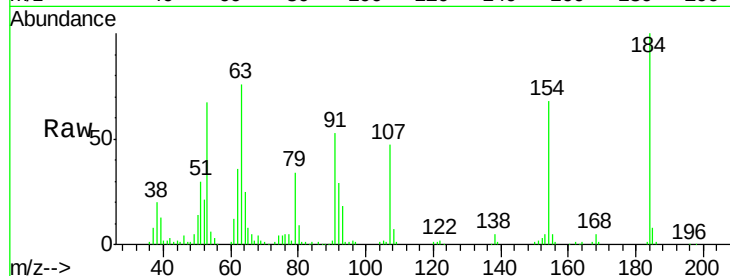
Tgt Ion:184 Resp: 163153

Ion Ratio Lower Upper

184 100

63 76.0 73.9 110.9

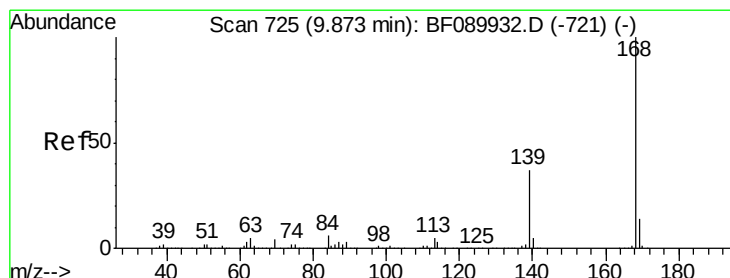
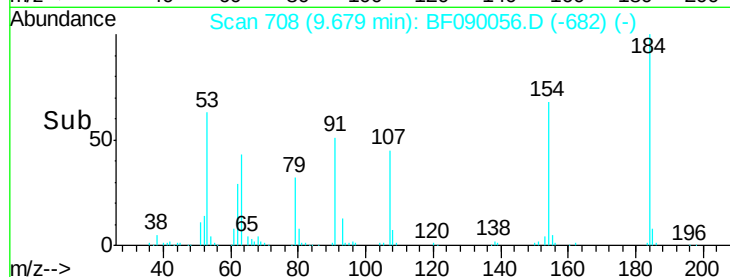
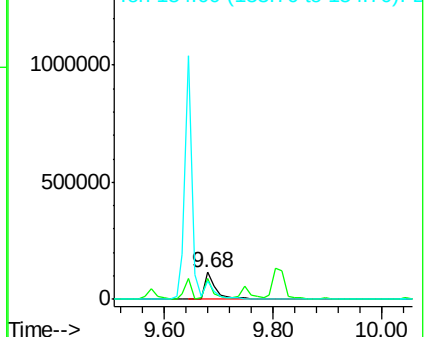
154 68.4 53.5 80.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 37.56 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

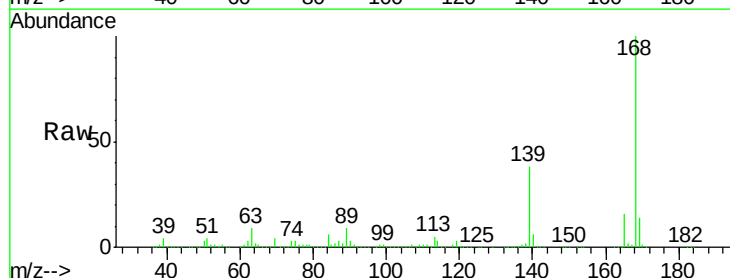
Tgt Ion:168 Resp: 1337762

Ion Ratio Lower Upper

168 100

139 37.5 29.5 44.3

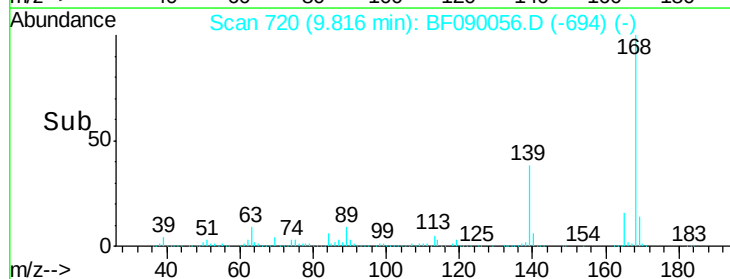
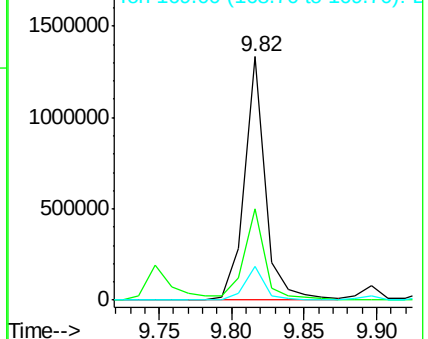
169 13.7 10.8 16.2

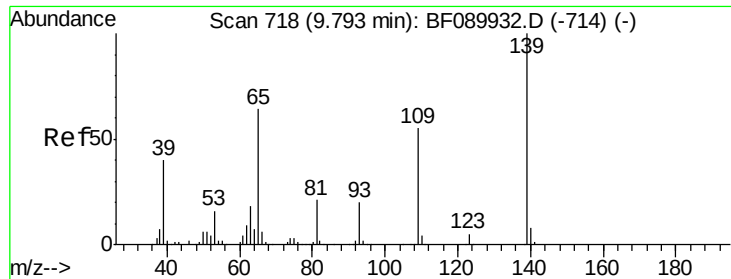


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 40.14 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

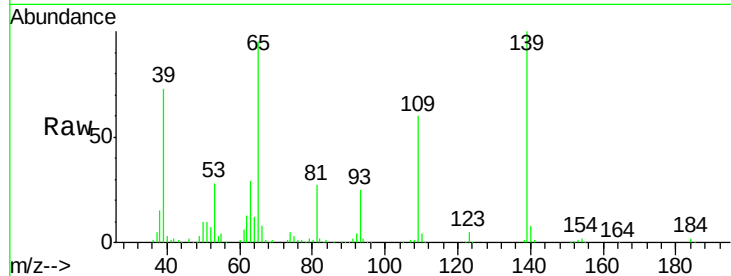
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

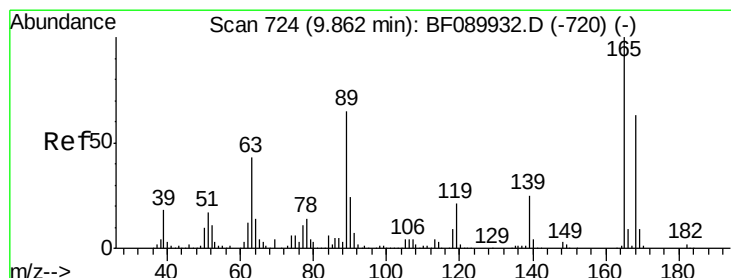
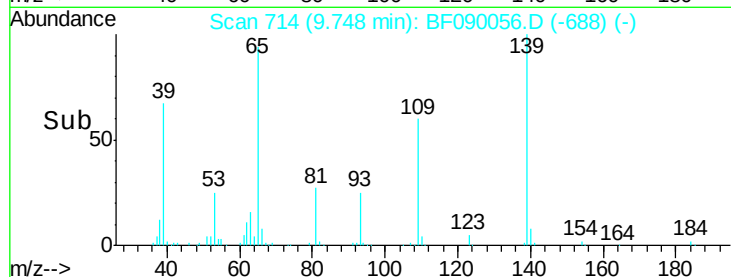
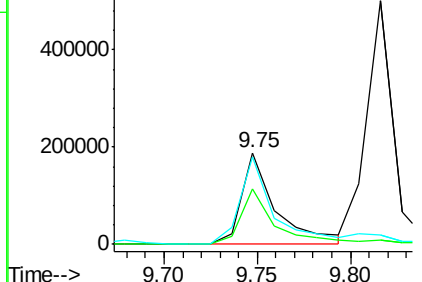
Tgt Ion:	139	Resp:	247271
Ion Ratio		Lower	Upper
139	100		
109	60.3	31.3	71.3
65	95.3	38.5	78.5#



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: 38.59 ng

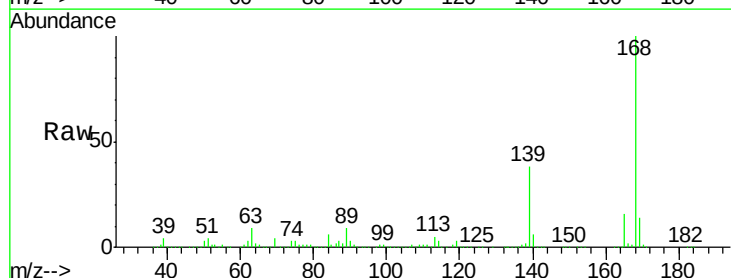
RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Tgt Ion:	165	Resp:	350447
Ion Ratio		Lower	Upper
165	100		
63	54.5	32.5	48.7#
89	56.6	48.3	72.5
182	2.5	1.7	2.5

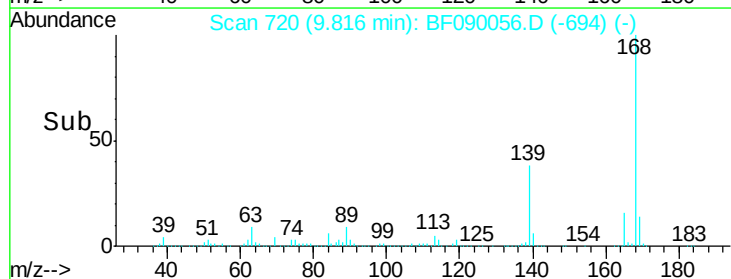
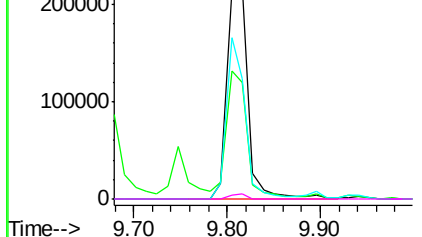


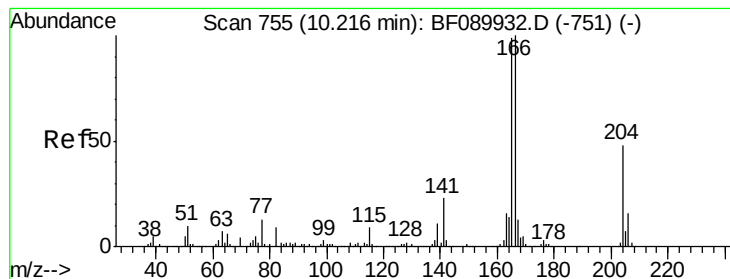
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.32 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

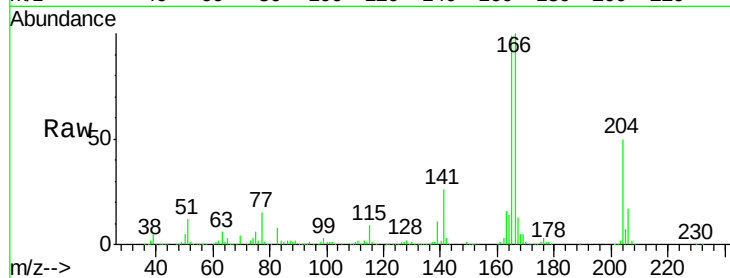
Tgt Ion:166 Resp: 1101592

Ion Ratio Lower Upper

166 100

165 99.4 78.6 118.0

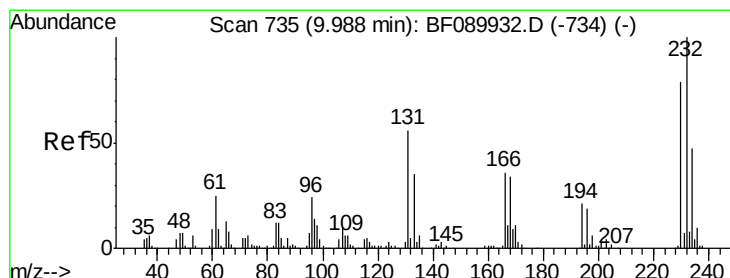
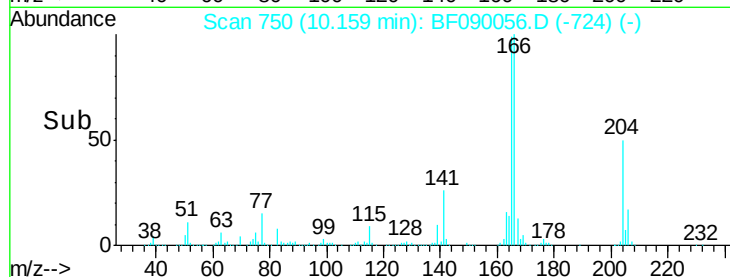
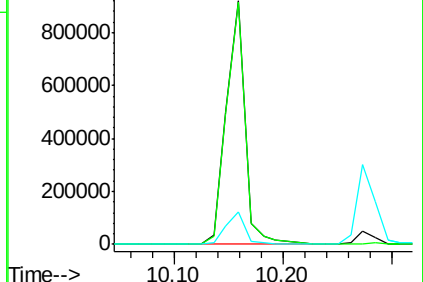
167 13.3 10.6 15.8



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: 40.75 ng m

RT: 9.94 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Tgt Ion:232 Resp: 303395

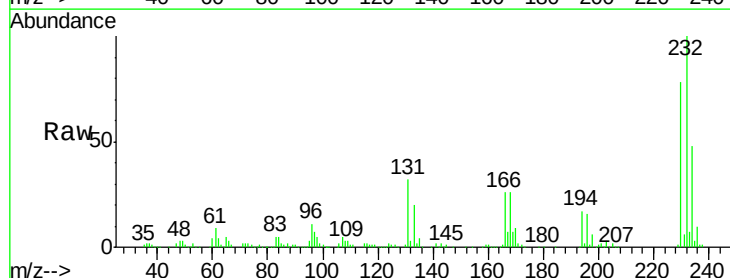
Ion Ratio Lower Upper

232 100

131 39.3 36.3 54.5

130 2.0 1.7 2.5

166 25.2 24.4 36.6

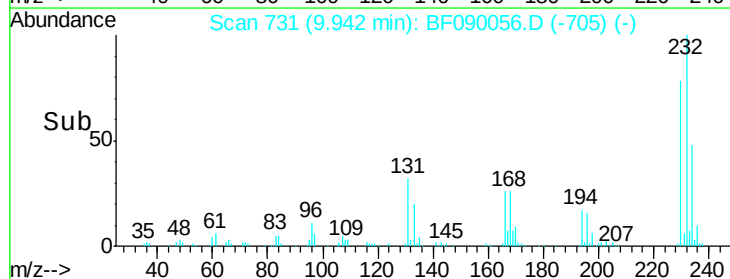
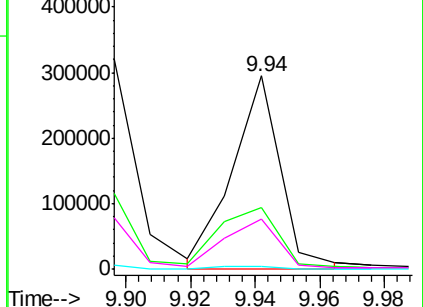


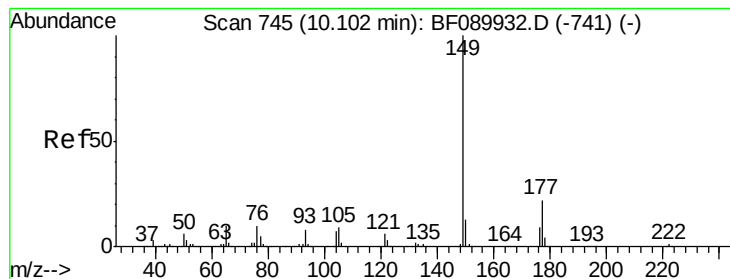
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.60 ng

RT: 10.06 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

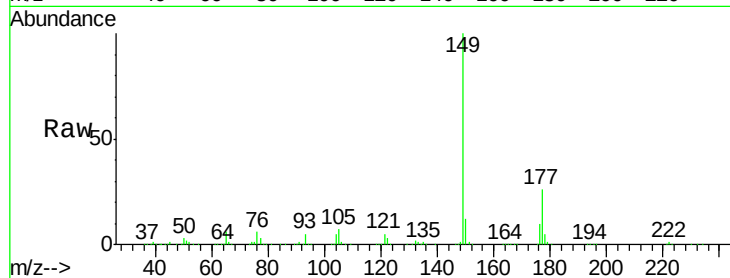
Tgt Ion:149 Resp: 1169078

Ion Ratio Lower Upper

149 100

177 26.0 17.7 26.5

150 12.1 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

1000000

800000

600000

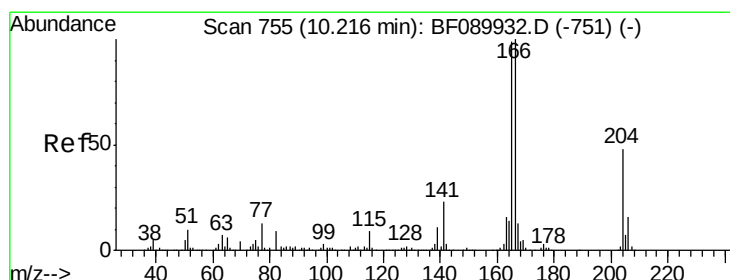
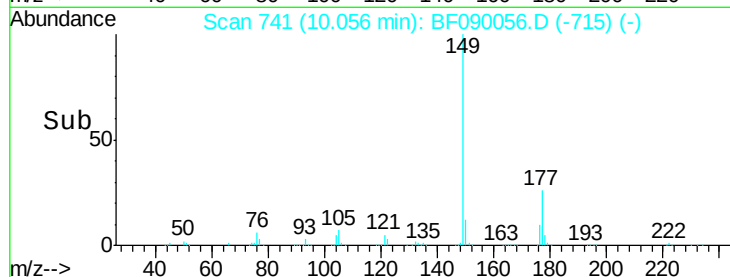
400000

200000

0

10.06

Time-->



#60

4-Chlorophenyl-phenylether

Concen: 41.83 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

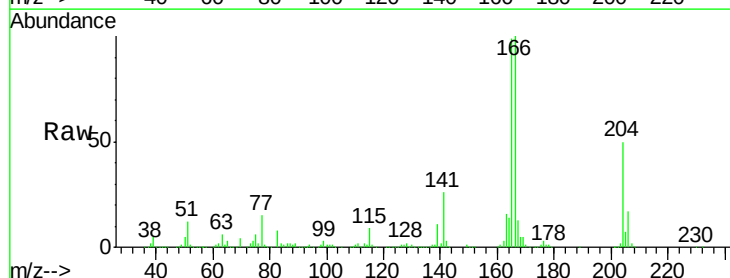
Tgt Ion:204 Resp: 512367

Ion Ratio Lower Upper

204 100

206 33.1 26.6 40.0

141 52.6 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

600000

500000

400000

300000

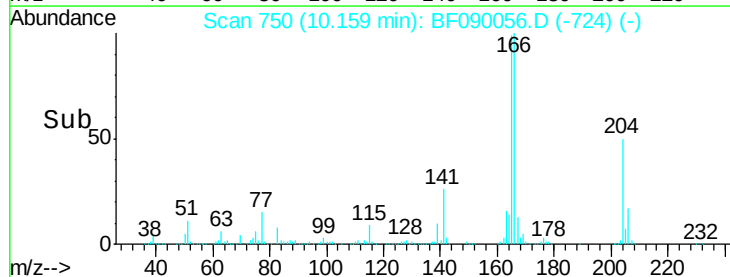
200000

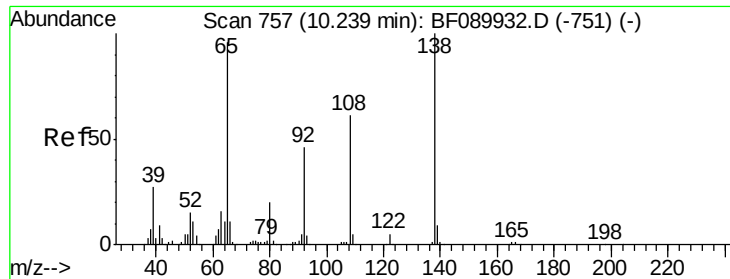
100000

0

10.16

Time-->

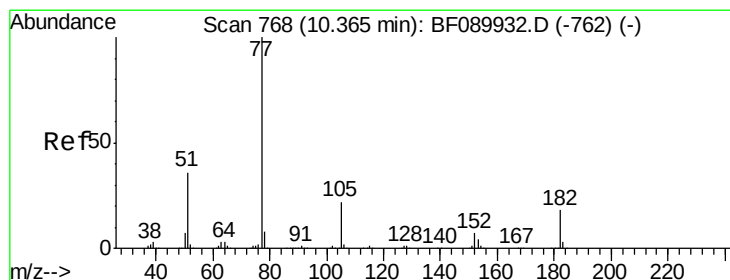
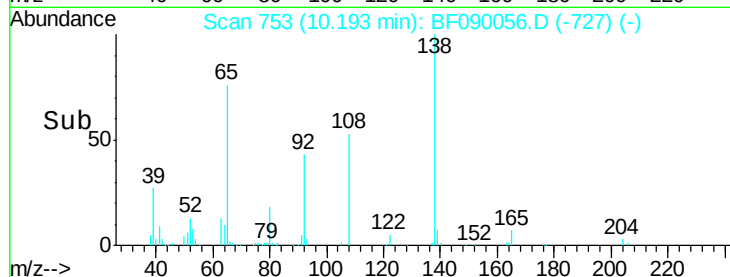
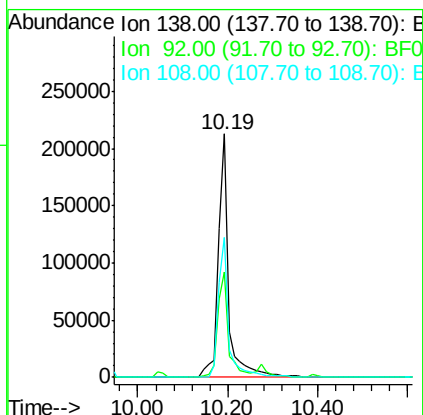
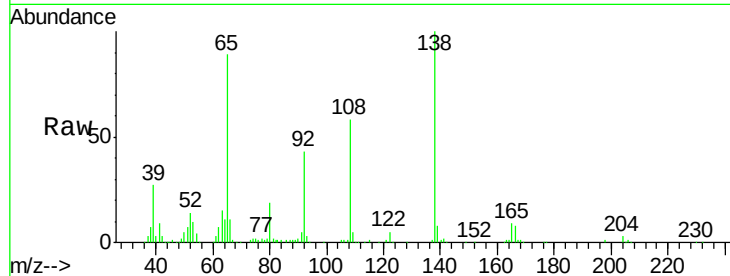




#61
4-Nitroaniline
Concen: 42.45 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

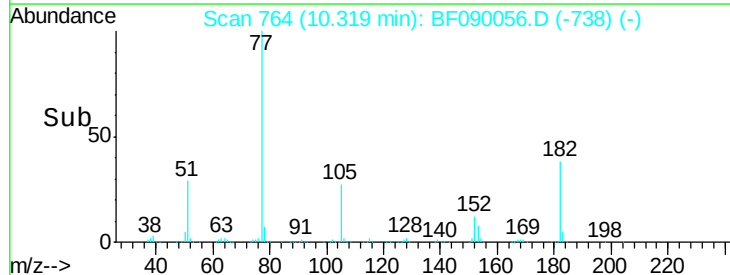
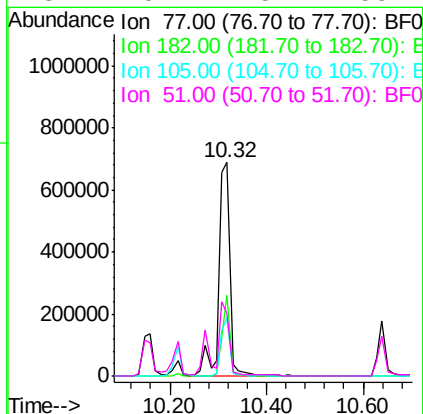
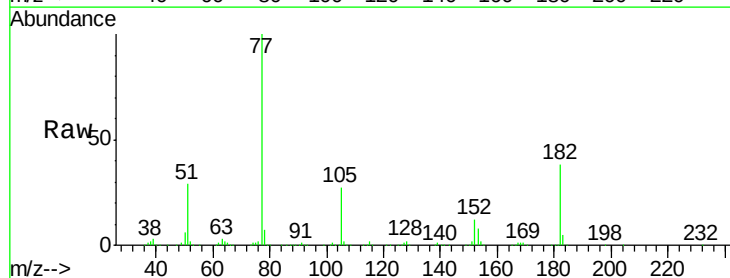
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

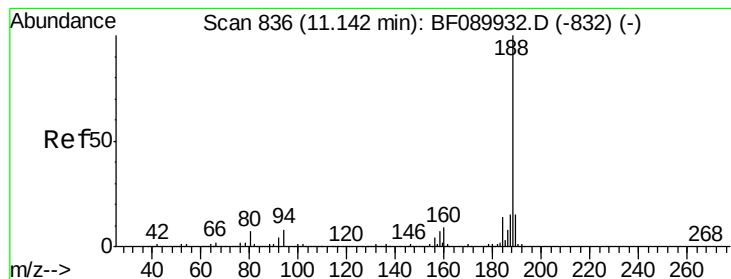
Tgt Ion: 138 Resp: 340617
Ion Ratio Lower Upper
138 100
92 43.1 21.2 61.2
108 57.7 37.7 77.7



#62
Azobenzene
Concen: 36.94 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion: 77 Resp: 1117650
Ion Ratio Lower Upper
77 100
182 38.0 0.0 38.6
105 26.9 2.3 42.3
51 29.2 15.1 55.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

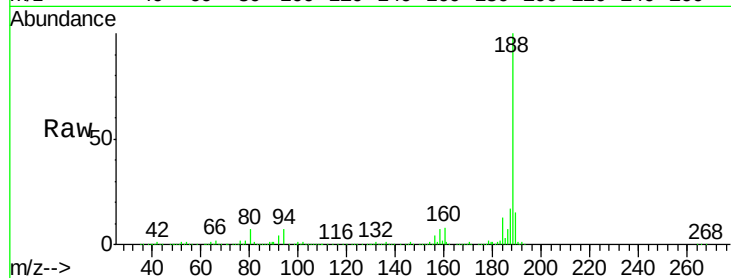
Tgt Ion:188 Resp: 890200

Ion Ratio Lower Upper

188 100

94 6.7 5.9 8.9

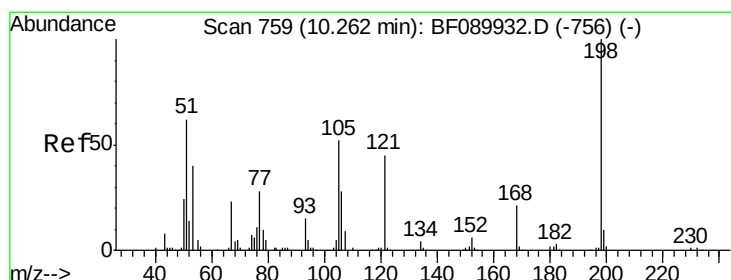
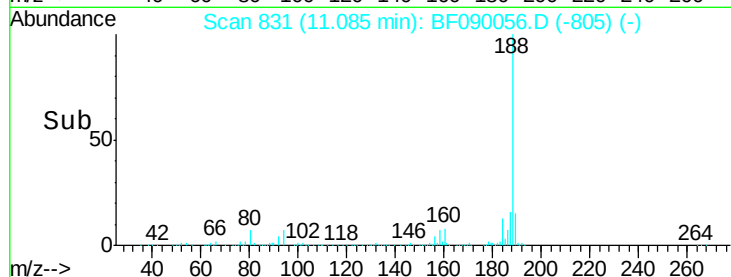
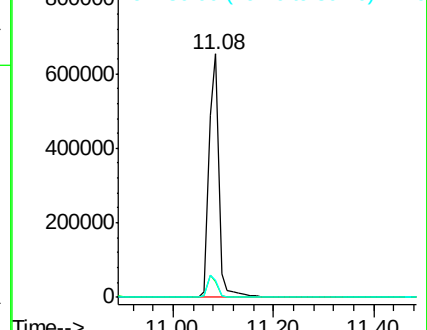
80 7.0 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.74 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

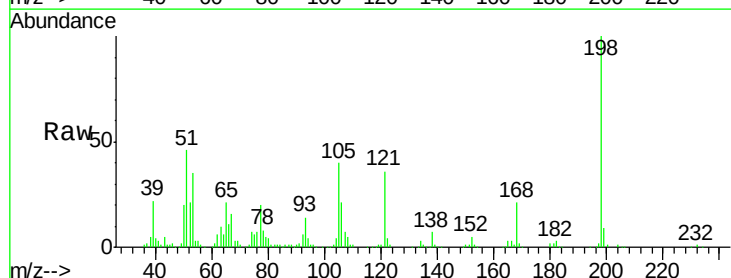
Tgt Ion:198 Resp: 226473

Ion Ratio Lower Upper

198 100

51 46.0 43.0 83.0

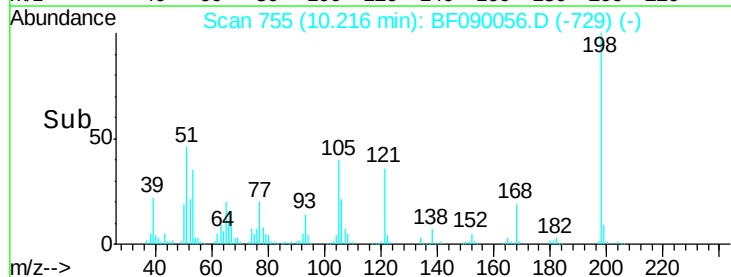
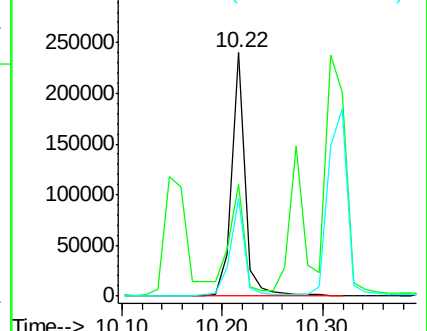
105 40.0 30.3 70.3

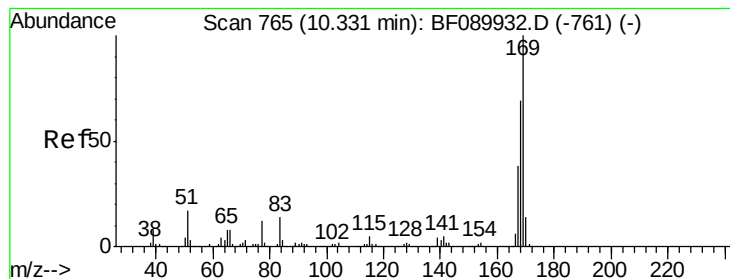


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.22 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

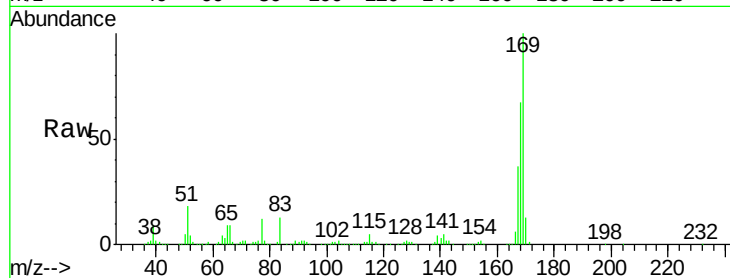
Tgt Ion:169 Resp: 969437

Ion Ratio Lower Upper

169 100

168 67.0 55.0 82.4

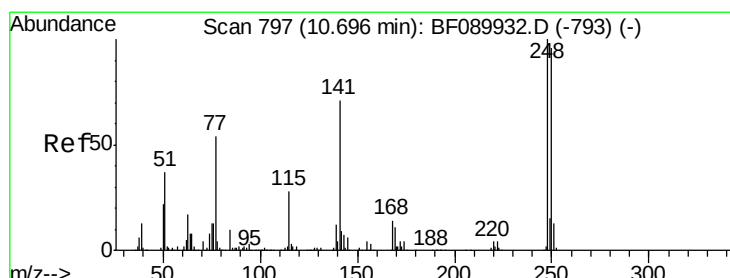
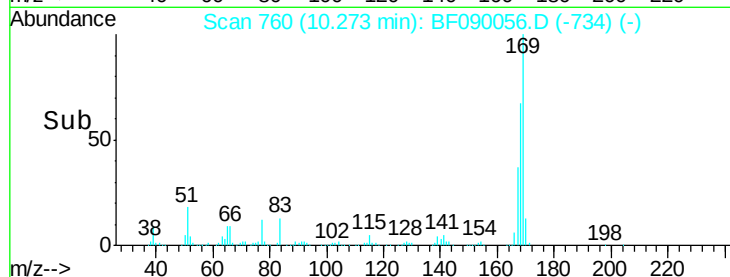
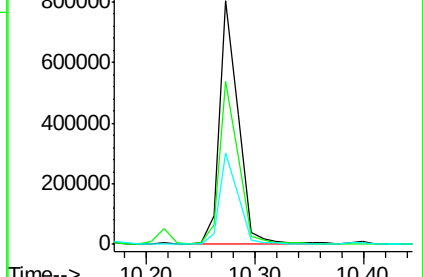
167 37.4 30.5 45.7



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: 38.98 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

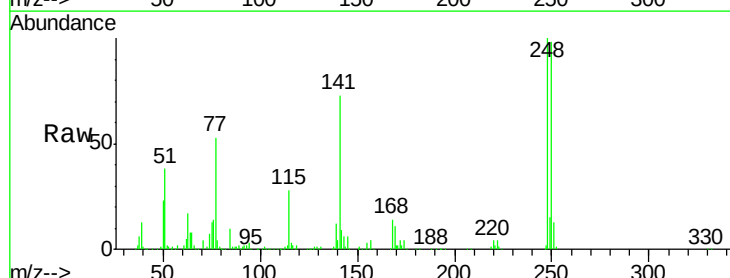
Tgt Ion:248 Resp: 349299

Ion Ratio Lower Upper

248 100

250 97.6 77.3 115.9

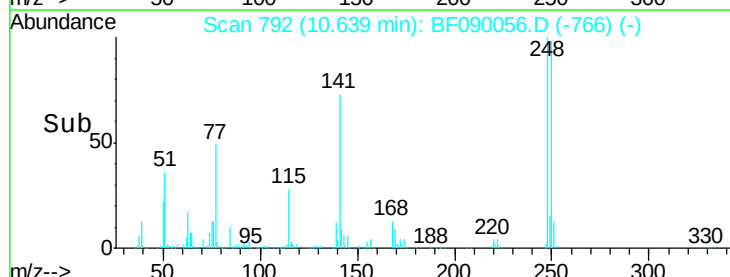
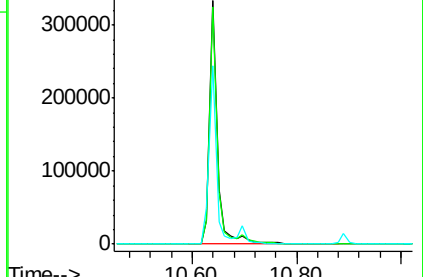
141 73.4 55.8 83.8

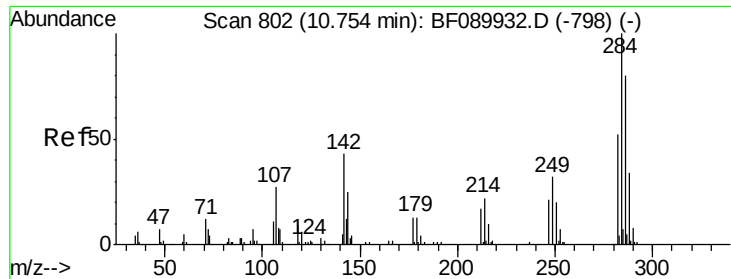


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

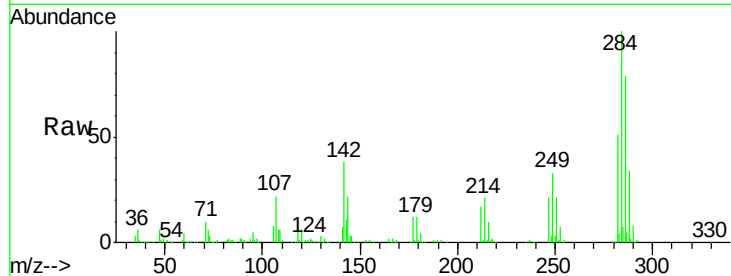




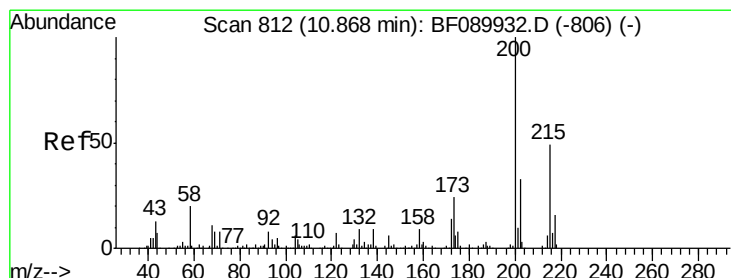
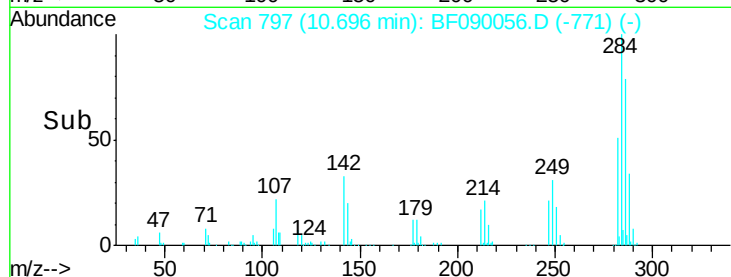
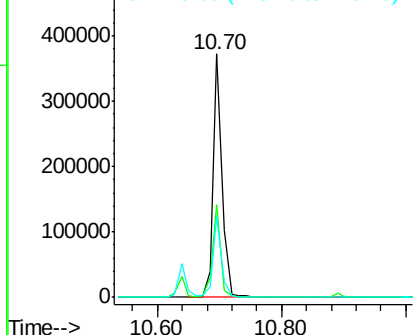
#67
Hexachlorobenzene
Concen: 35.76 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	32.7	49.1
249	33.1	26.9	40.3

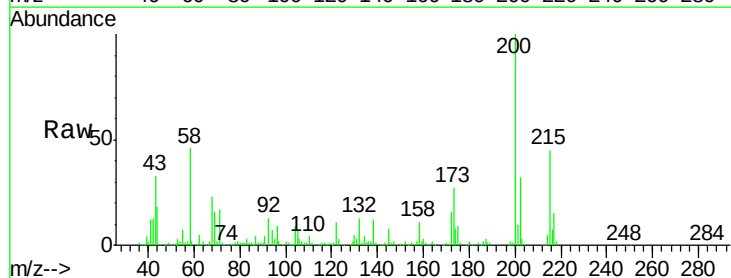


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

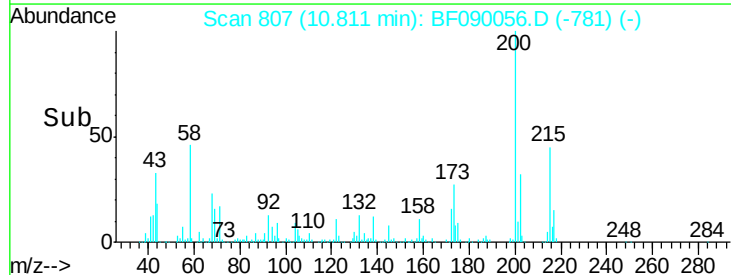
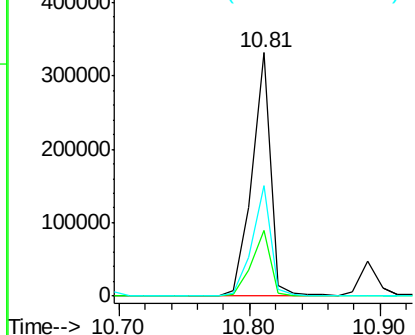


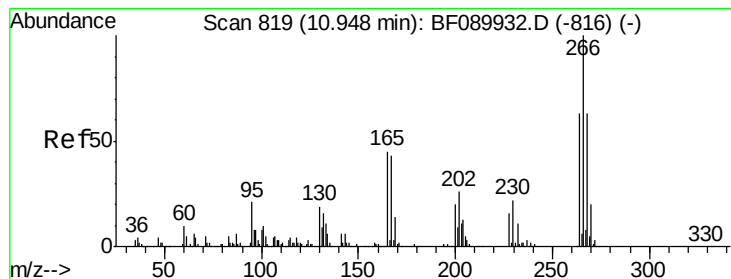
#68
Atrazine
Concen: 37.13 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.8	9.4	49.4
215	45.4	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: 43.08 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

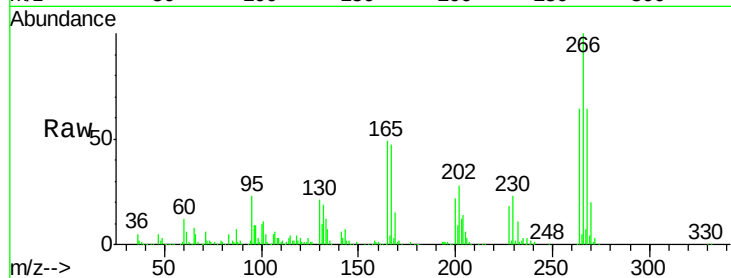
Tgt Ion:266 Resp: 237257

Ion Ratio Lower Upper

266 100

268 64.5 51.0 76.6

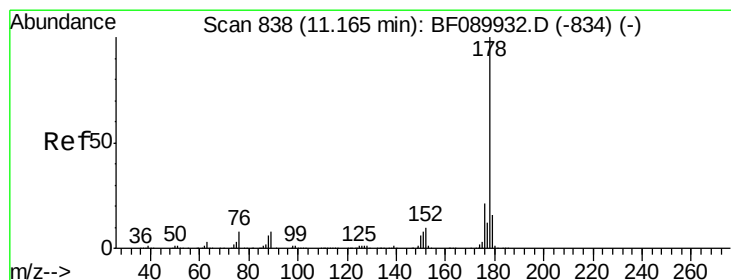
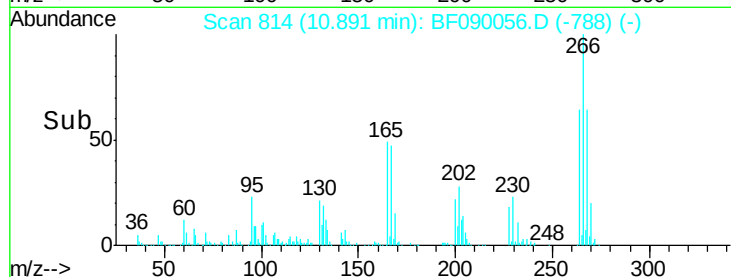
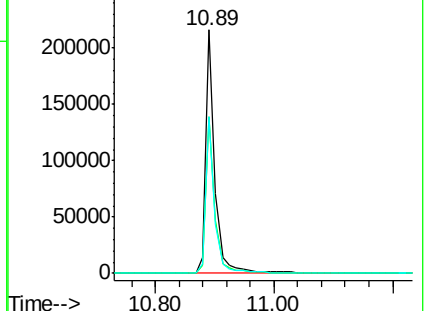
264 64.1 50.6 75.8



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: 37.78 ng

RT: 11.11 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

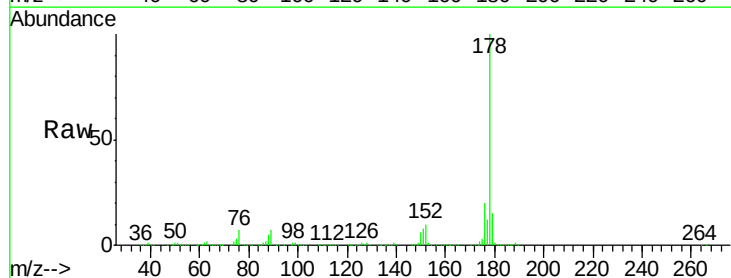
Tgt Ion:178 Resp: 1674904

Ion Ratio Lower Upper

178 100

176 20.4 16.5 24.7

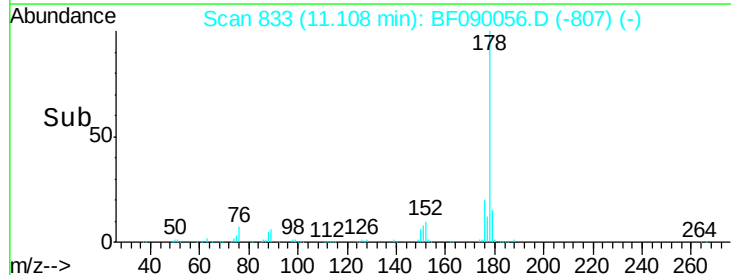
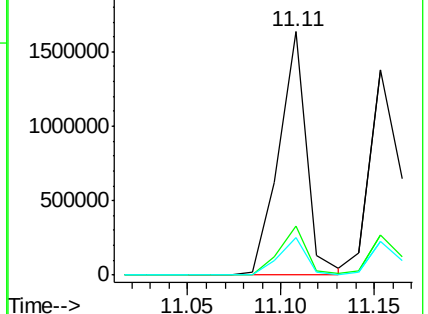
179 15.4 12.8 19.2

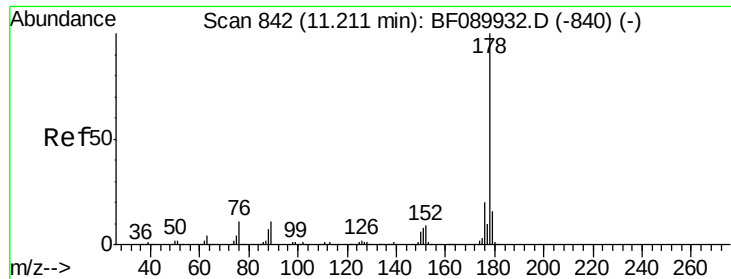


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

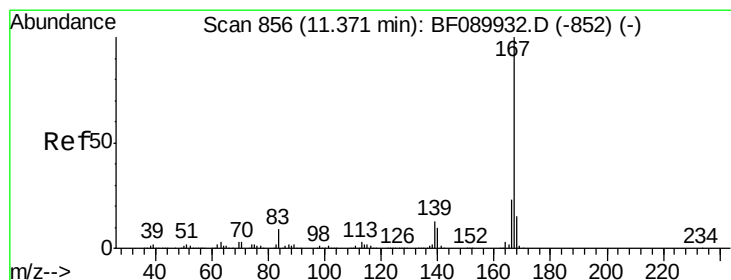
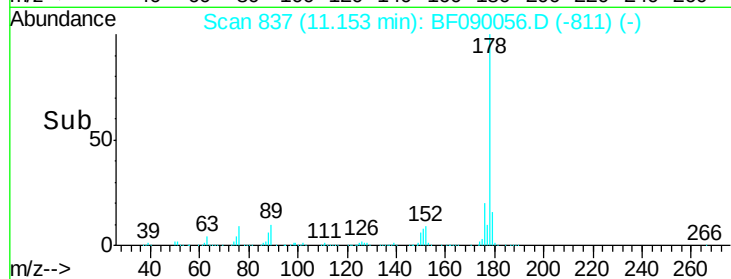
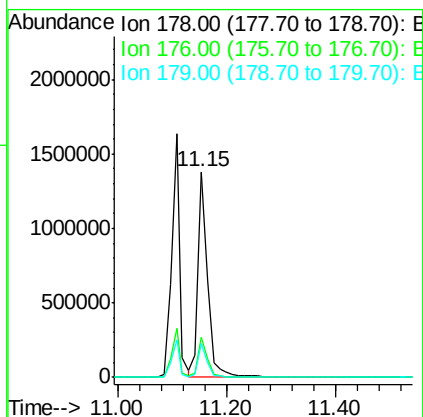
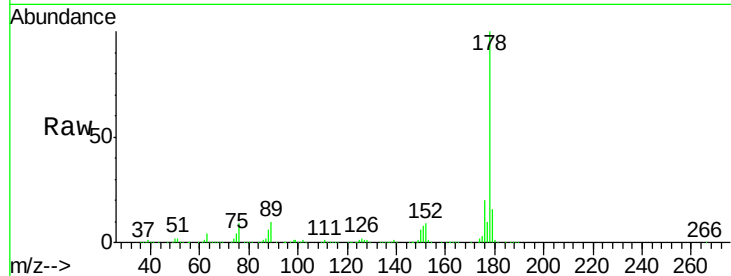




#71
 Anthracene
 Concen: 37.35 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

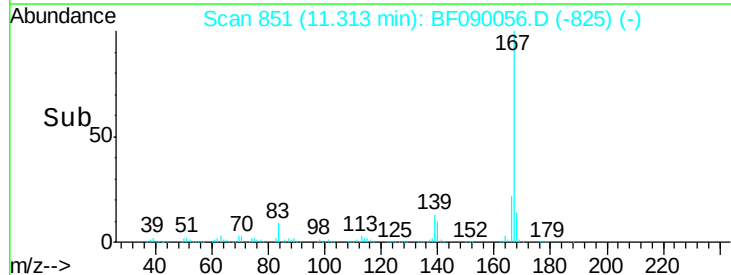
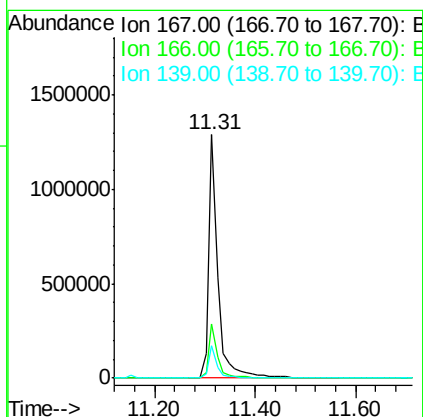
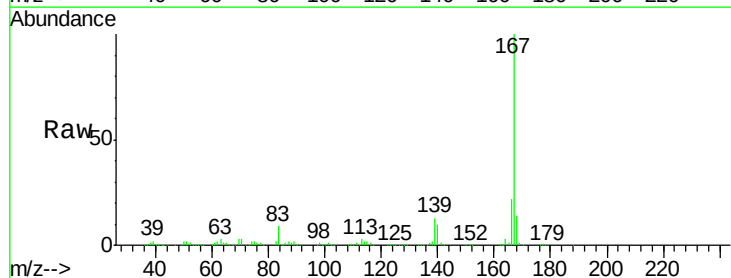
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

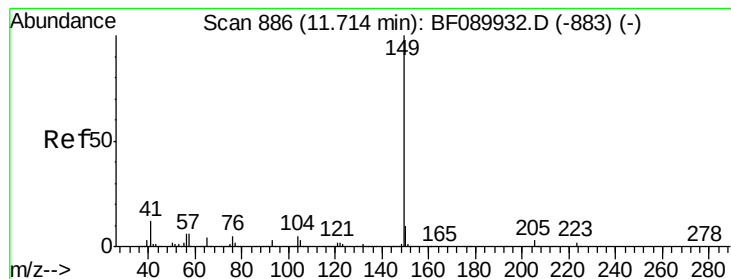
Tgt Ion:178 Resp: 1679352
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 16.1 13.0 19.4



#72
 Carbazole
 Concen: 38.66 ng
 RT: 11.31 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion:167 Resp: 1630045
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.1 10.4 15.6





#73

Di-n-butylphthalate

Concen: 37.31 ng

RT: 11.67 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

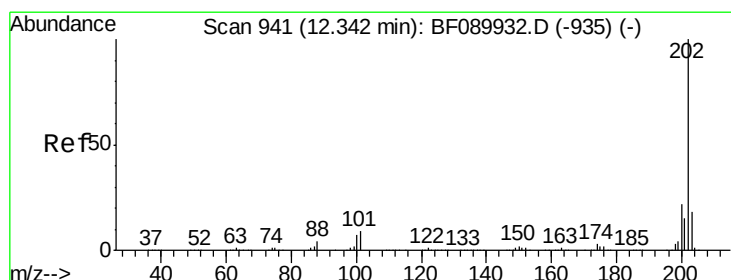
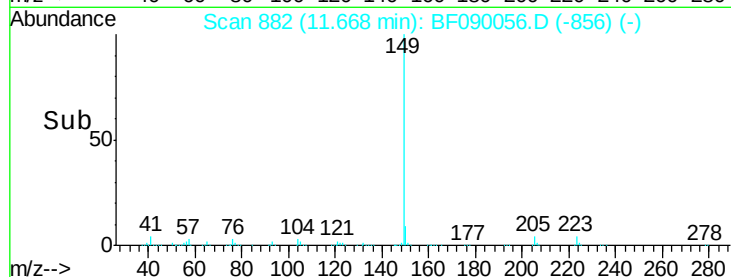
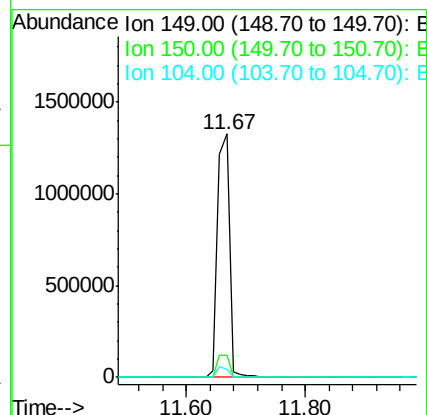
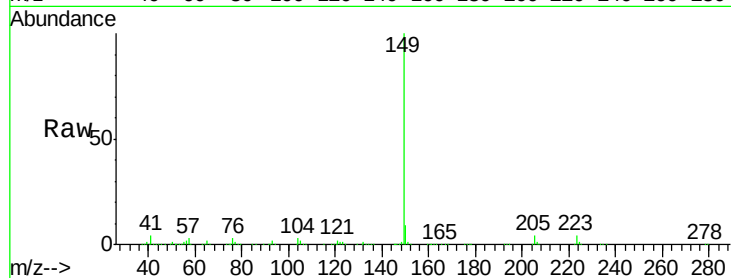
Tgt Ion:149 Resp: 1833302

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

104 3.4 3.9 5.9#



#74

Fluoranthene

Concen: 37.43 ng

RT: 12.28 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

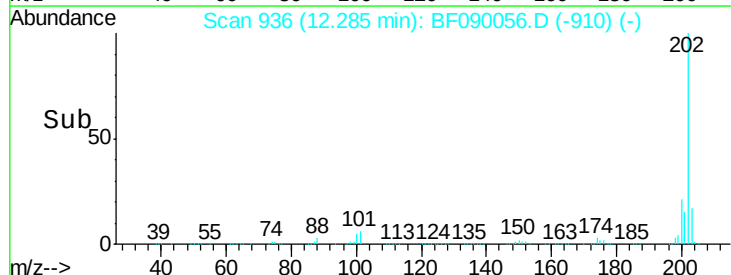
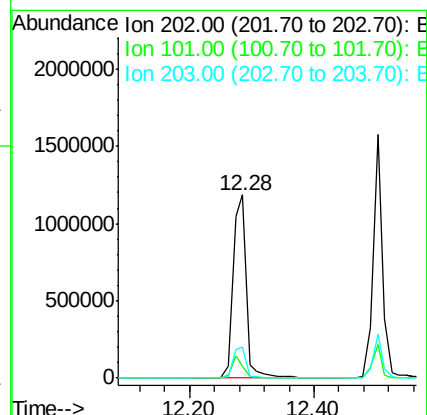
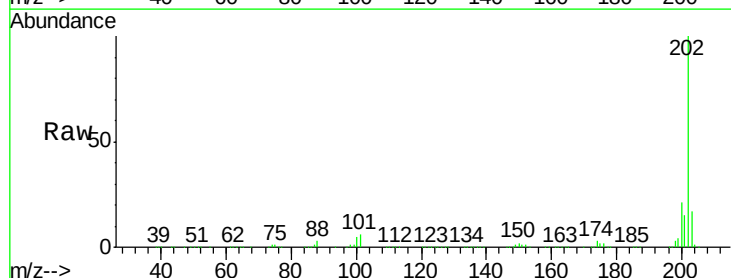
Tgt Ion:202 Resp: 1739039

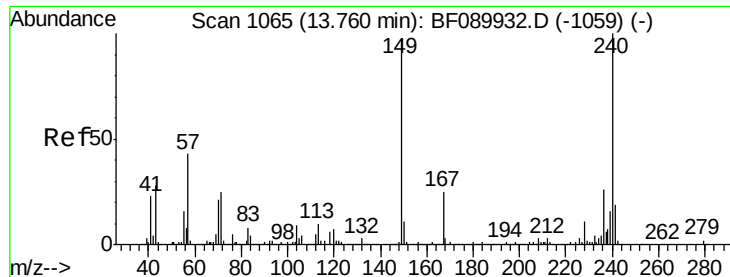
Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.5

203 17.4 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

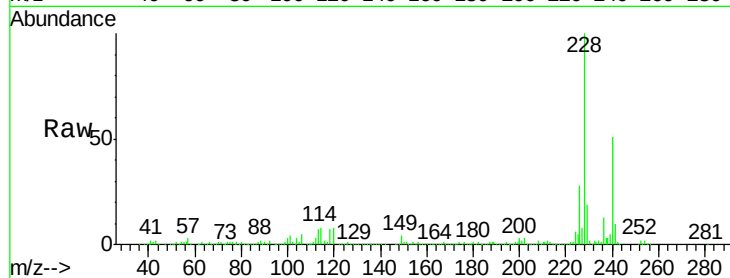
Tgt Ion:240 Resp: 624448

Ion Ratio Lower Upper

240 100

120 16.1 5.7 8.5#

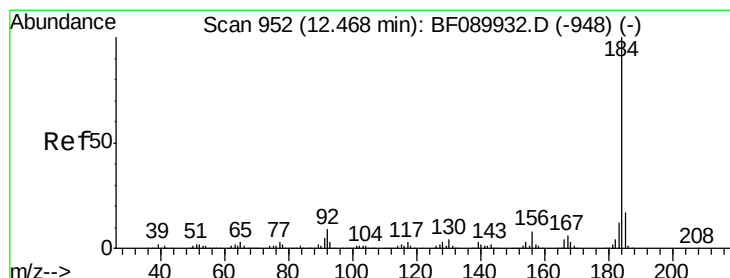
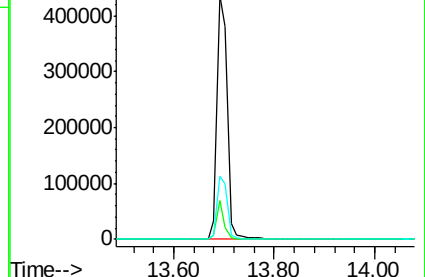
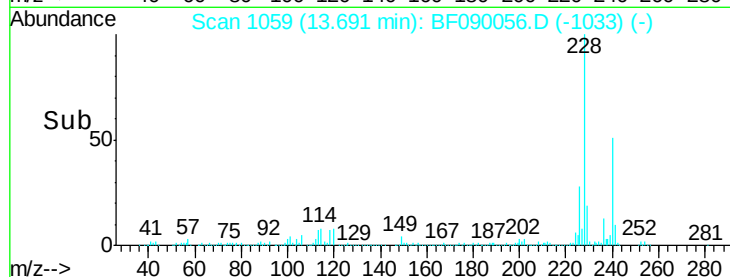
236 26.1 21.3 31.9



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: 38.90 ng

RT: 12.41 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

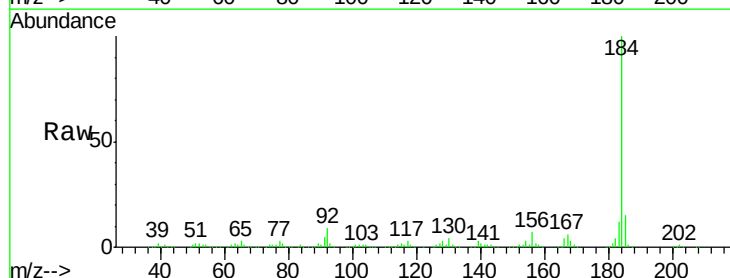
Tgt Ion:184 Resp: 920146

Ion Ratio Lower Upper

184 100

185 14.8 13.8 20.8

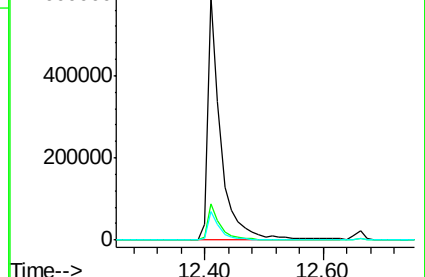
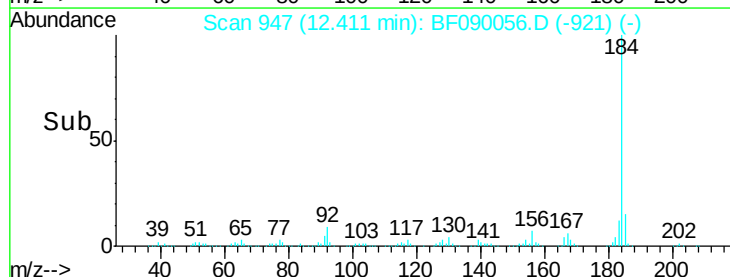
183 11.7 9.6 14.4

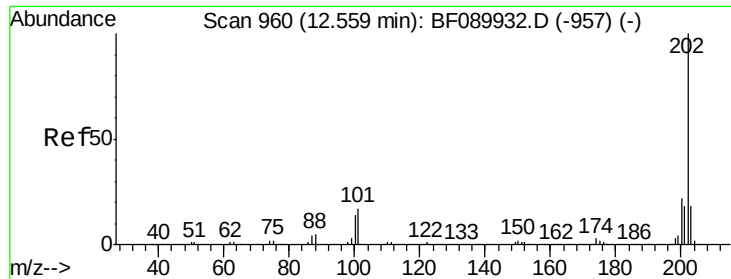


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

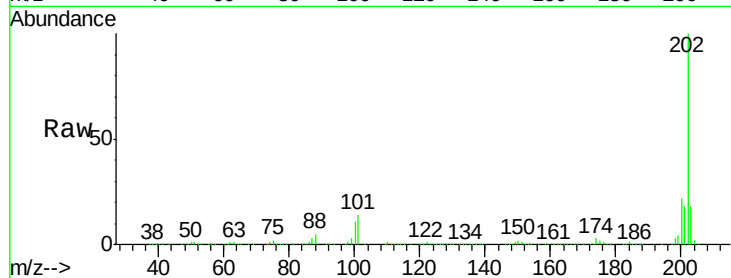




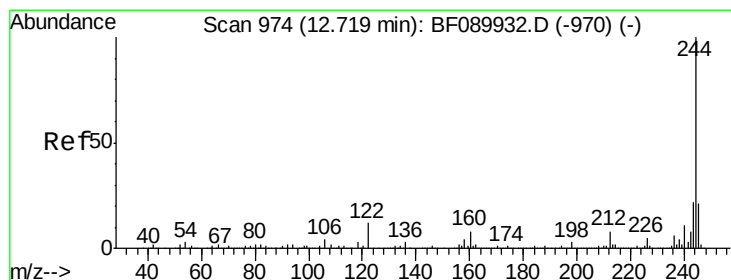
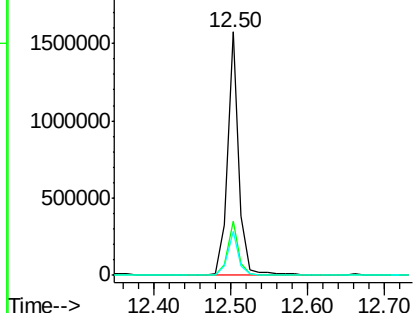
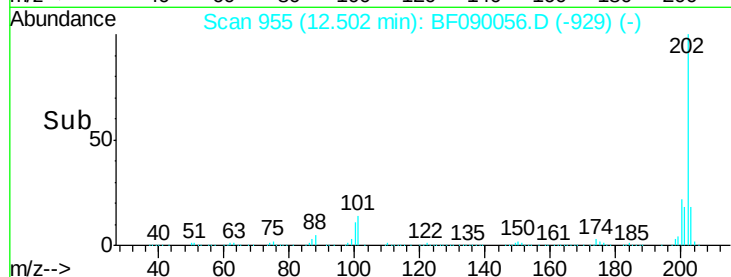
#77
 Pyrene
 Concen: 37.14 ng
 RT: 12.50 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:202 Resp: 1634987
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.6 26.4
 203 18.1 14.6 21.8

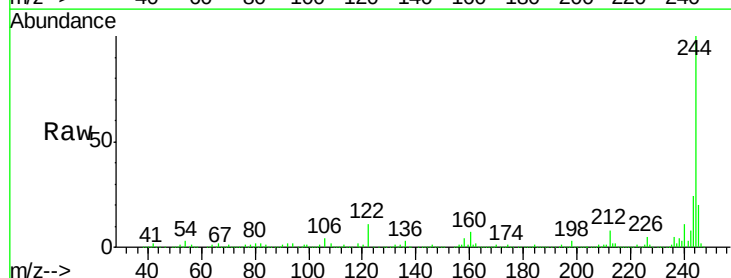


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

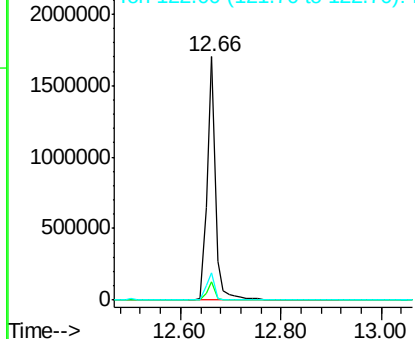
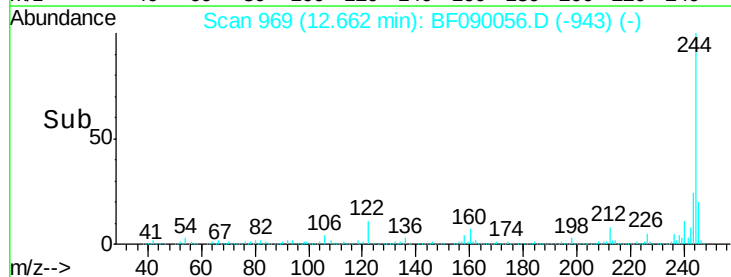


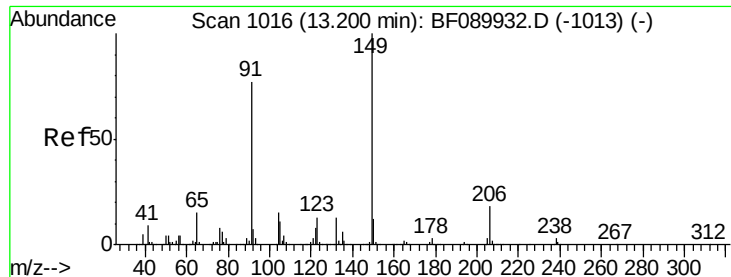
#78
 Terphenyl-d14
 Concen: 76.90 ng
 RT: 12.66 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion:244 Resp: 1943964
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 11.2 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

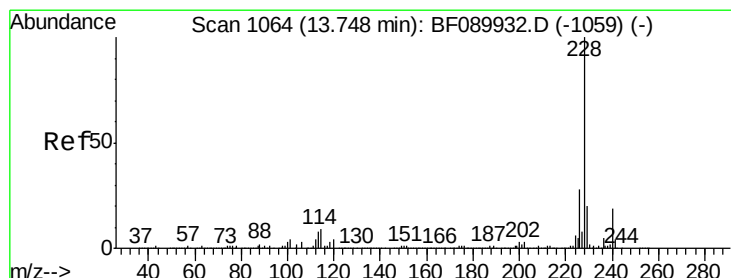
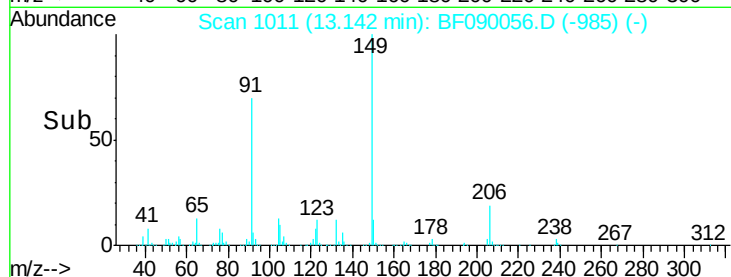
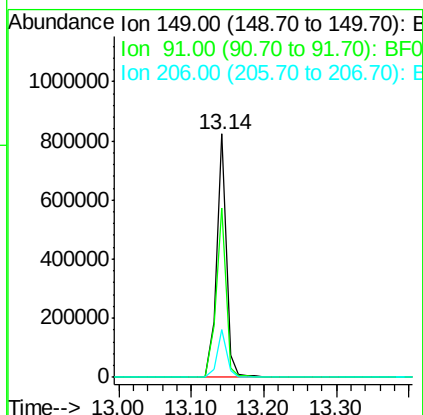
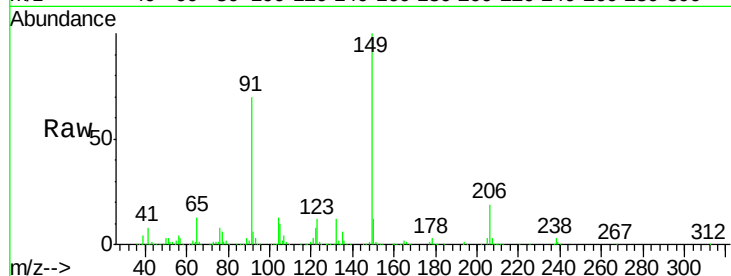




#79
Butylbenzylphthalate
Concen: 43.32 ng
RT: 13.14 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

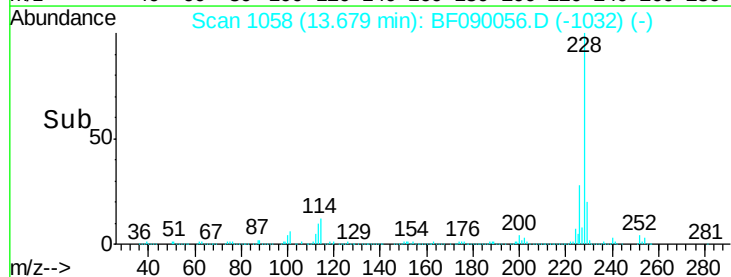
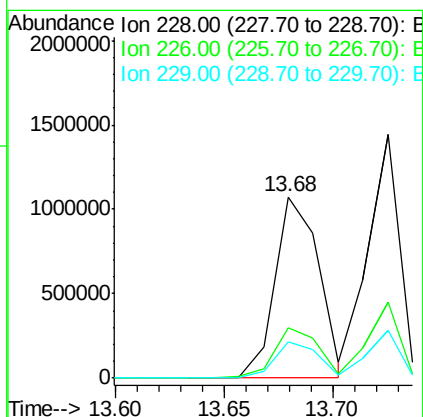
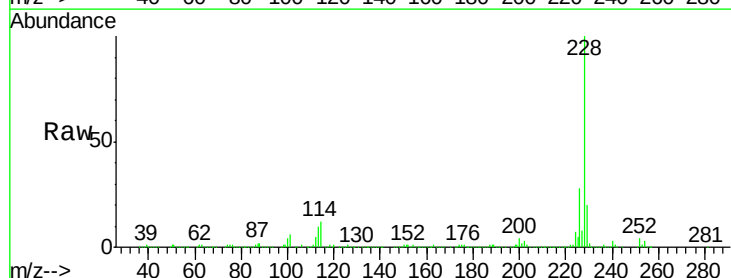
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

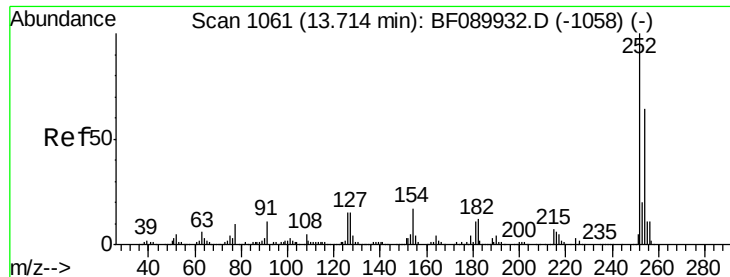
Tgt Ion:149 Resp: 769218
Ion Ratio Lower Upper
149 100
91 69.5 60.0 90.0
206 19.5 15.1 22.7



#80
Benzo(a)anthracene
Concen: 39.55 ng
RT: 13.68 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion:228 Resp: 1512658
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.2
229 20.3 15.8 23.6

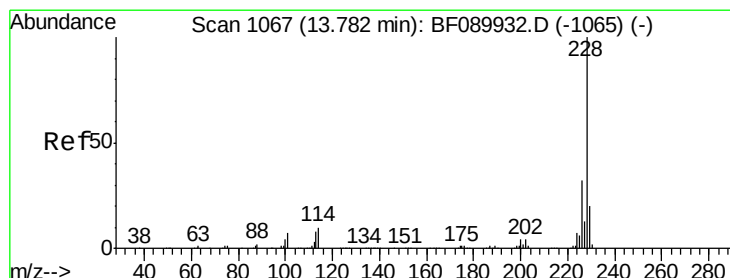
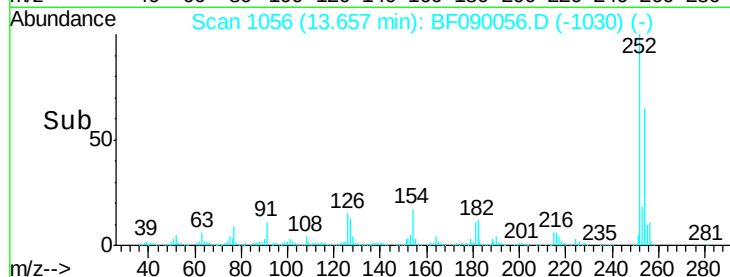
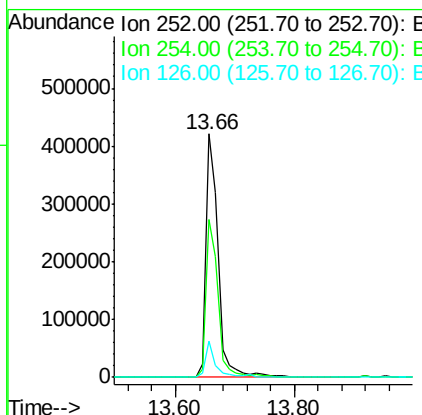
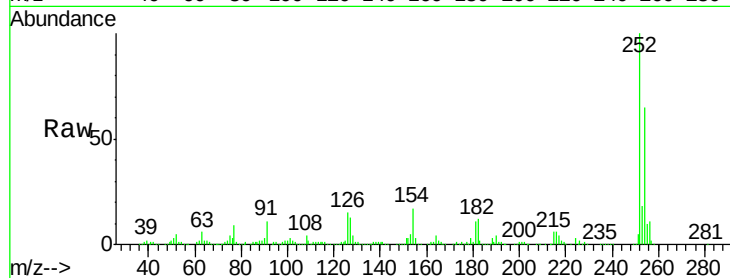




#81
 3,3'-Dichlorobenzidine
 Concen: 43.97 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

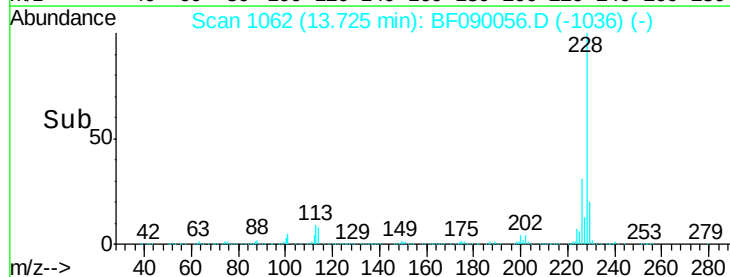
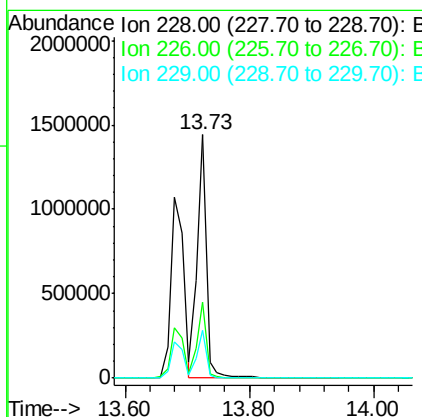
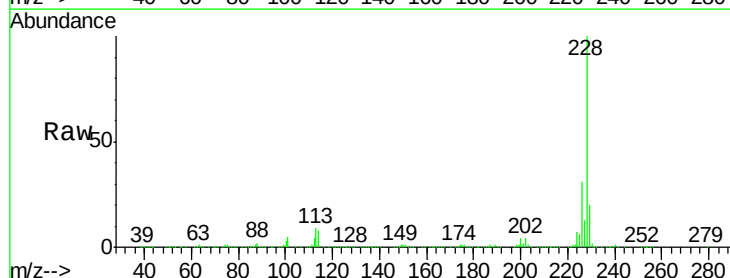
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

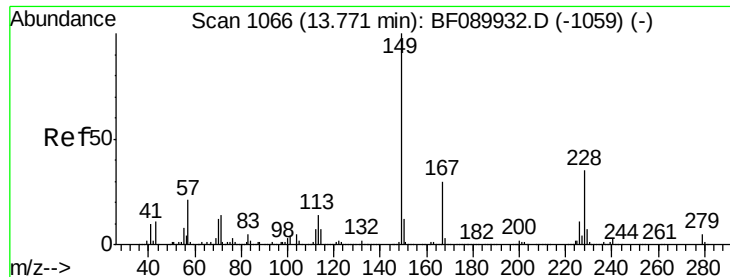
Tgt Ion:252 Resp: 606998
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.3 76.9
 126 14.6 12.3 18.5



#82
 Chrysene
 Concen: 42.77 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion:228 Resp: 1528026
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.2 37.8
 229 19.8 16.2 24.2

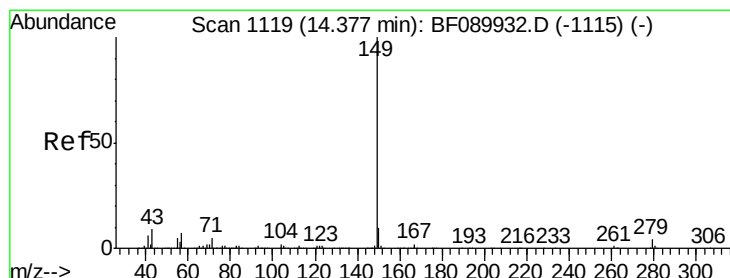
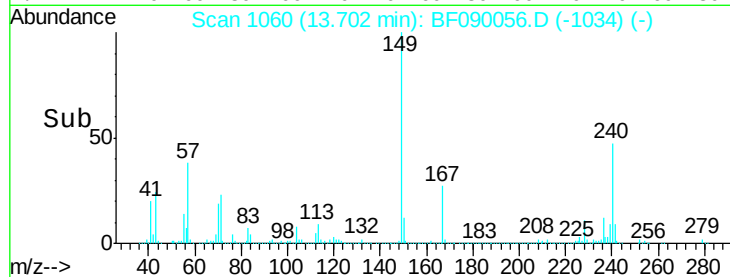
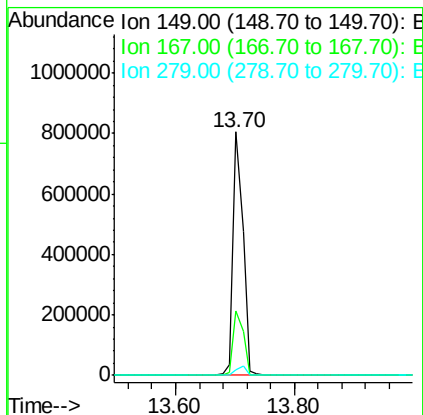
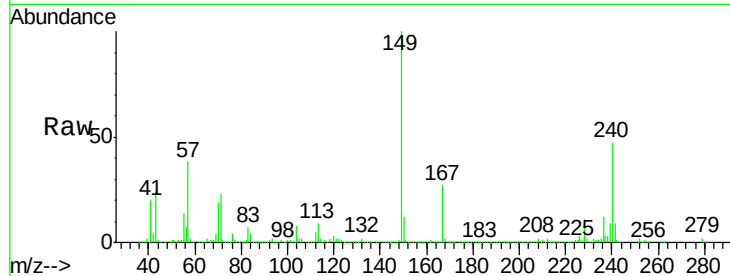




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.75 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

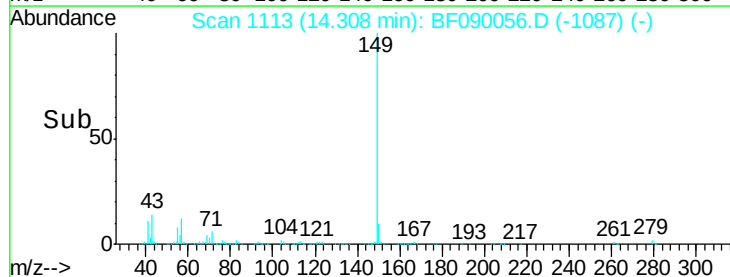
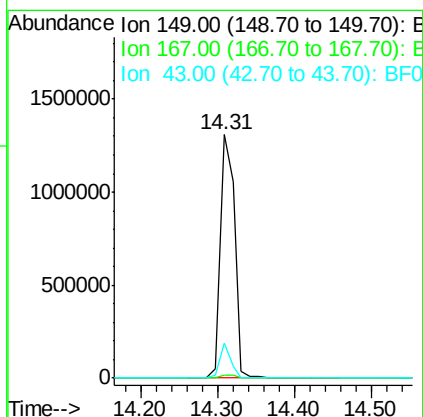
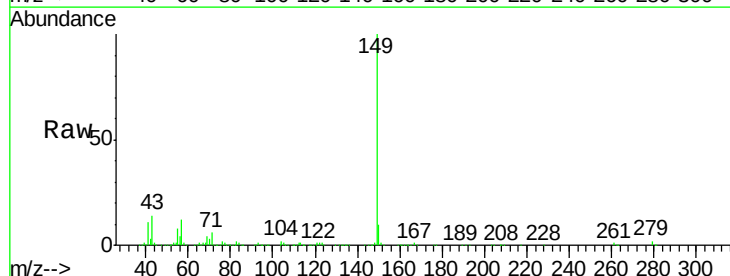
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

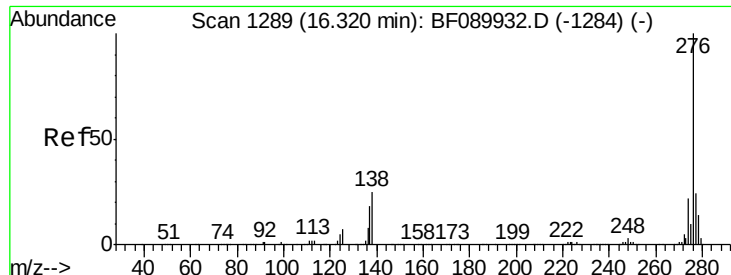
Tgt Ion:149 Resp: 927079
 Ion Ratio Lower Upper
 149 100
 167 26.5 23.6 35.4
 279 2.2 3.4 5.2#



#84
 Di-n-octyl phthalate
 Concen: 43.10 ng
 RT: 14.31 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion:149 Resp: 1708343
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.1 9.3 13.9

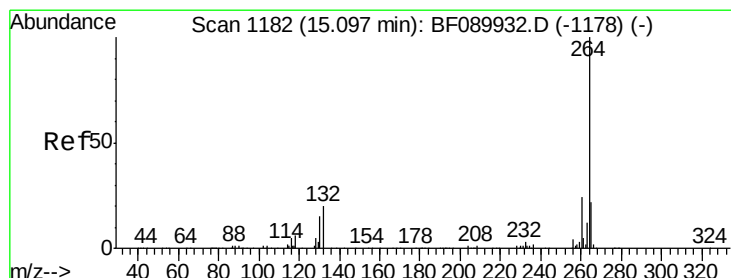
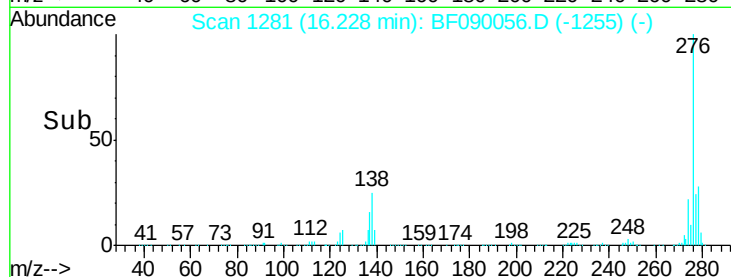
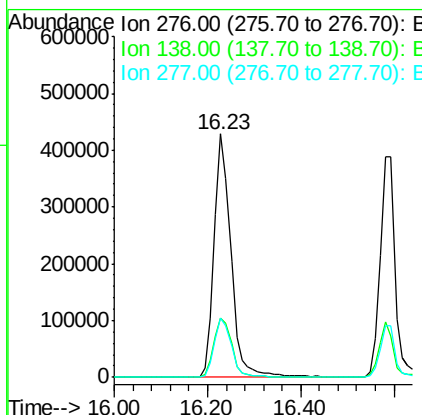
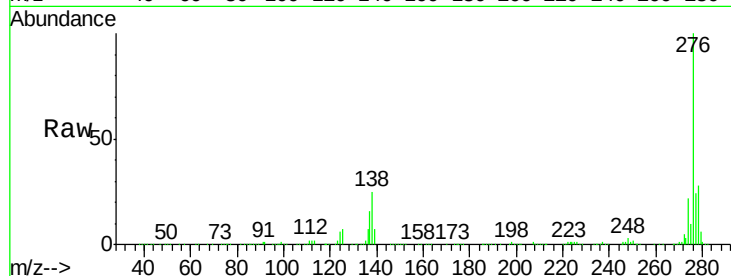




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.08 ng
 RT: 16.23 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

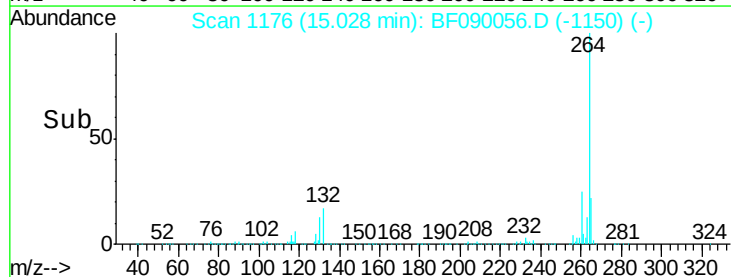
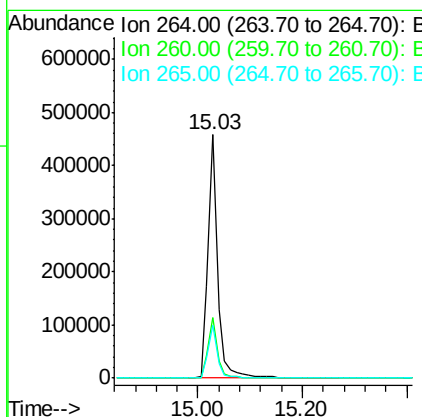
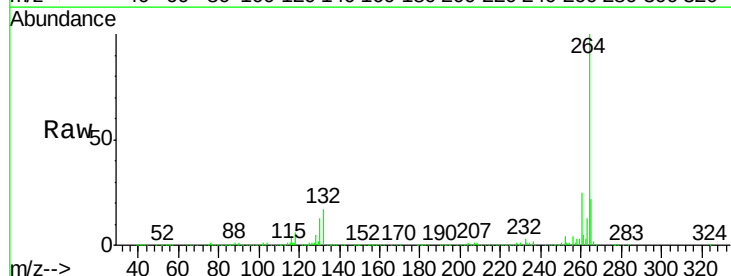
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

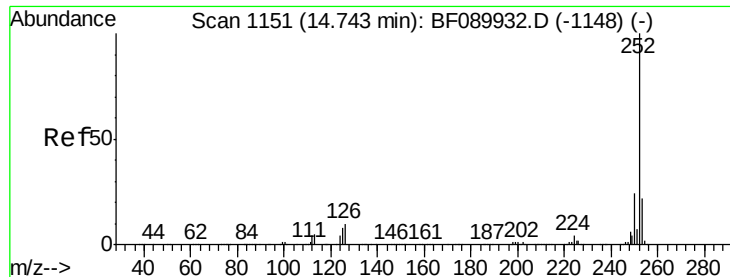
Tgt Ion: 276 Resp: 1084946
 Ion Ratio Lower Upper
 276 100
 138 26.8 22.6 34.0
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF090056.D
 Acq: 12 Sep 2016 11:41

Tgt Ion: 264 Resp: 587153
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.0
 265 21.9 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 35.25 ng m

RT: 14.67 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

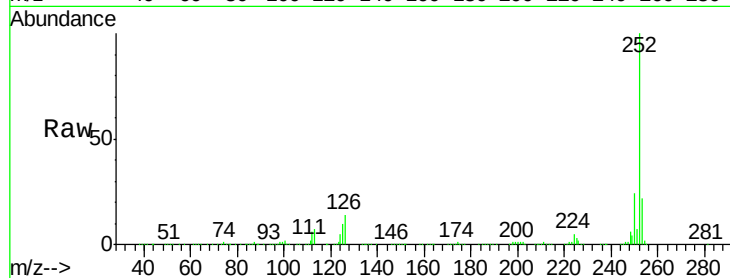
Tgt Ion:252 Resp: 1296511

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

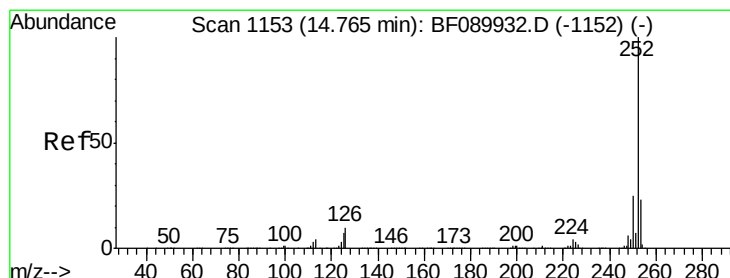
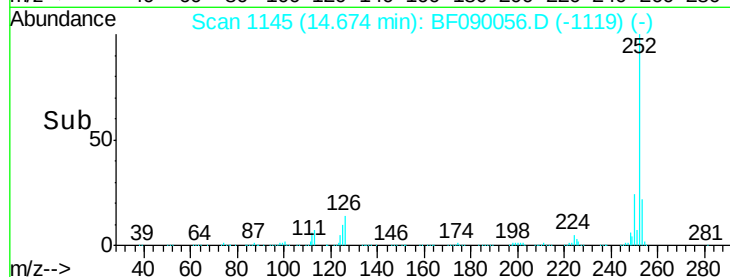
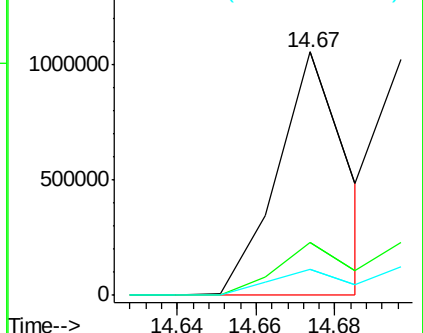
125 10.5 5.7 8.5#



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: 40.27 ng m

RT: 14.70 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF090056.D

Acq: 12 Sep 2016 11:41

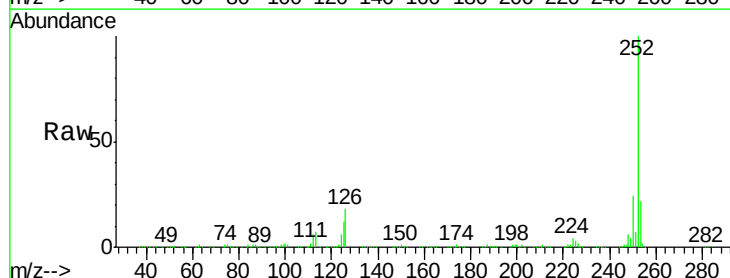
Tgt Ion:252 Resp: 1257037

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

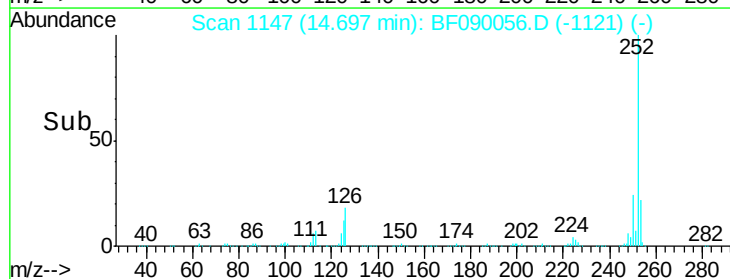
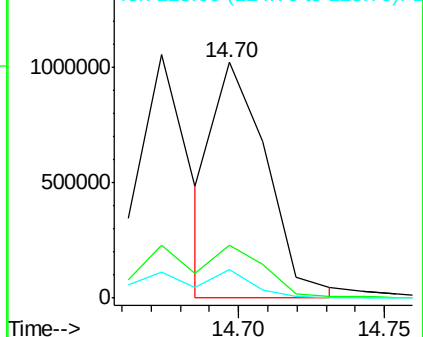
125 12.4 7.3 10.9#

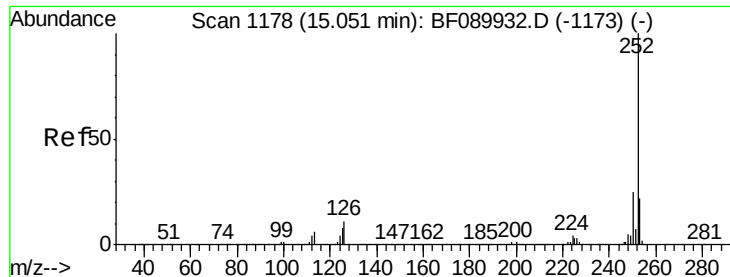


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

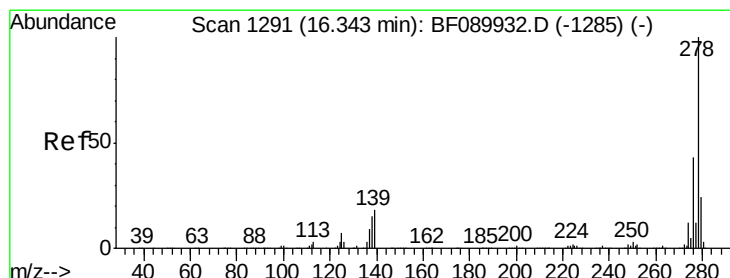
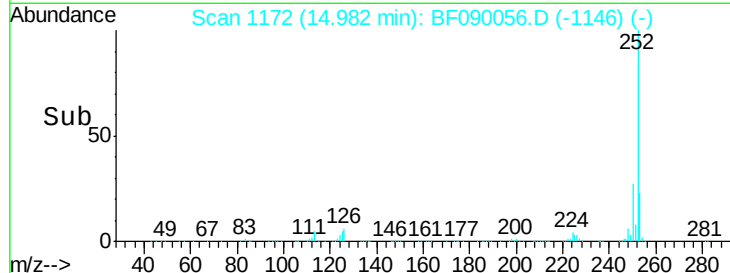
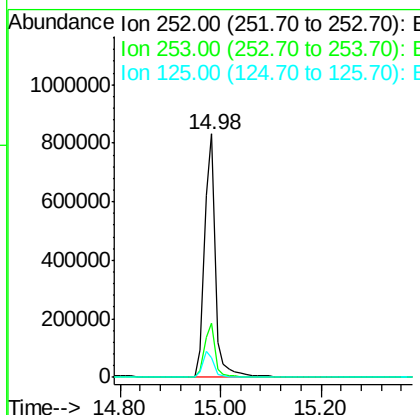
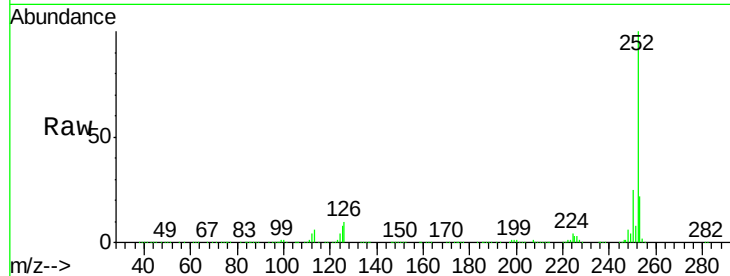




#89
Benzo(a)pyrene
Concen: 39.22 ng
RT: 14.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

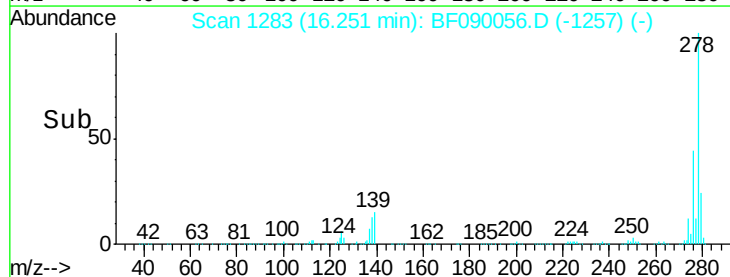
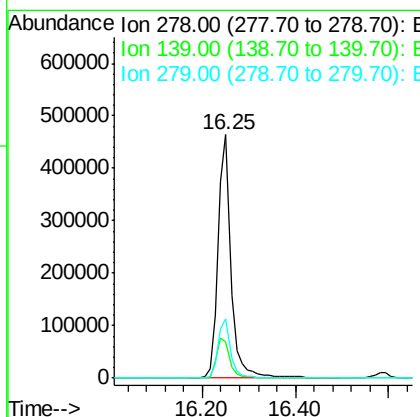
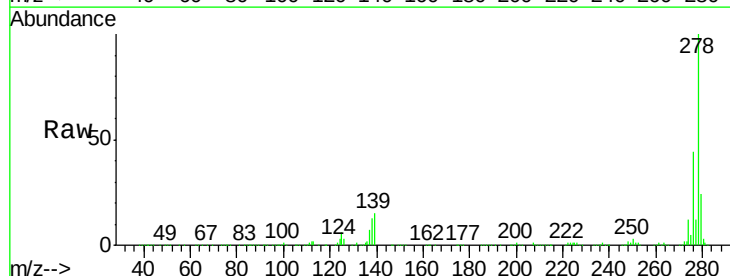
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

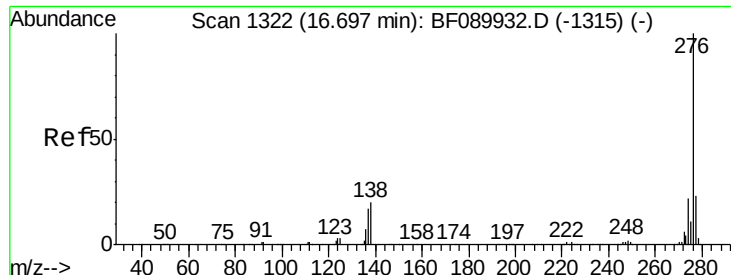
Tgt Ion:252 Resp: 1235893
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 8.0 6.3 9.5



#90
Dibenzo(a,h)anthracene
Concen: 38.40 ng
RT: 16.25 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF090056.D
Acq: 12 Sep 2016 11:41

Tgt Ion:278 Resp: 886624
Ion Ratio Lower Upper
278 100
139 14.7 13.4 20.2
279 24.5 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 38.17 ng

RT: 16.59 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF090056.D

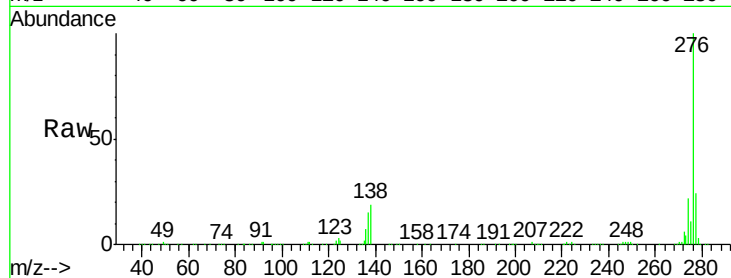
Acq: 12 Sep 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:	276	Resp:	887247
Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	18.6	16.4	24.6

