

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083116\
 Data File : BF089938.D
 Acq On : 31 Aug 2016 9:12
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 31 15:16:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	200045	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	821421	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	429626	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	847662	20.00	ng	0.00
75) Chrysene-d12	13.76	240	611221	20.00	ng	0.00
86) Perylene-d12	15.10	264	563351	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1035946	82.89	ng	0.00
7) Phenol-d6	6.28	99	1228683	80.91	ng	0.01
23) Nitrobenzene-d5	7.21	82	1072292	75.71	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	359564	84.83	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1943052	74.24	ng	0.00
78) Terphenyl-d14	12.72	244	1724226	69.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	223210	37.70	ng	98
3) Pyridine	2.72	79	665995	42.16	ng	98
4) n-Nitrosodimethylamine	2.68	42	297199	38.15	ng	100
6) Aniline	6.30	93	781301	37.71	ng	90
8) 2-Chlorophenol	6.42	128	540200	39.84	ng	99
9) Benzaldehyde	6.18	77	386828	39.48	ng	98
10) Phenol	6.30	94	720855	40.82	ng	94
11) bis(2-Chloroethyl)ether	6.38	93	494806	37.03	ng	100
12) 1,3-Dichlorobenzene	6.58	146	588082	38.83	ng	99
13) 1,4-Dichlorobenzene	6.65	146	576073	37.18	ng	100
14) 1,2-Dichlorobenzene	6.81	146	574780	41.38	ng	99
15) Benzyl Alcohol	6.79	79	374890	39.41	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.92	45	1067991	41.91	ng	100
17) 2-Methylphenol	6.90	107	447697	41.35	ng	99
18) Hexachloroethane	7.15	117	212977	40.13	ng	100
19) n-Nitroso-di-n-propylamine	7.07	70	419137	42.35	ng	95
20) 3+4-Methylphenols	7.06	107	456635	34.79	ng	92
22) Acetophenone	7.06	105	728755	39.55	ng	# 97
24) Nitrobenzene	7.22	77	563388	37.41	ng	98
25) Isophorone	7.47	82	1119643	38.87	ng	100
26) 2-Nitrophenol	7.54	139	275875	38.33	ng	97
27) 2,4-Dimethylphenol	7.59	122	525611	39.48	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	707184	40.71	ng	100
29) 2,4-Dichlorophenol	7.78	162	454968	38.12	ng	100
30) 1,2,4-Trichlorobenzene	7.87	180	537588	41.19	ng	99
31) Naphthalene	7.94	128	1447069	35.36	ng	100
32) Benzoic acid	7.74	122	375098	41.82	ng	98
33) 4-Chloroaniline	8.00	127	661117	40.04	ng	99
34) Hexachlorobutadiene	8.07	225	293170	38.34	ng	99
35) Caprolactam	8.38	113	142624	37.86	ng	93
36) 4-Chloro-3-methylphenol	8.49	107	538203	42.57	ng	94
37) 2-Methylnaphthalene	8.64	142	1103044	40.79	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	460278	36.57	ng	99
40) Hexachlorocyclopentadiene	8.80	237	275892	42.75	ng	97

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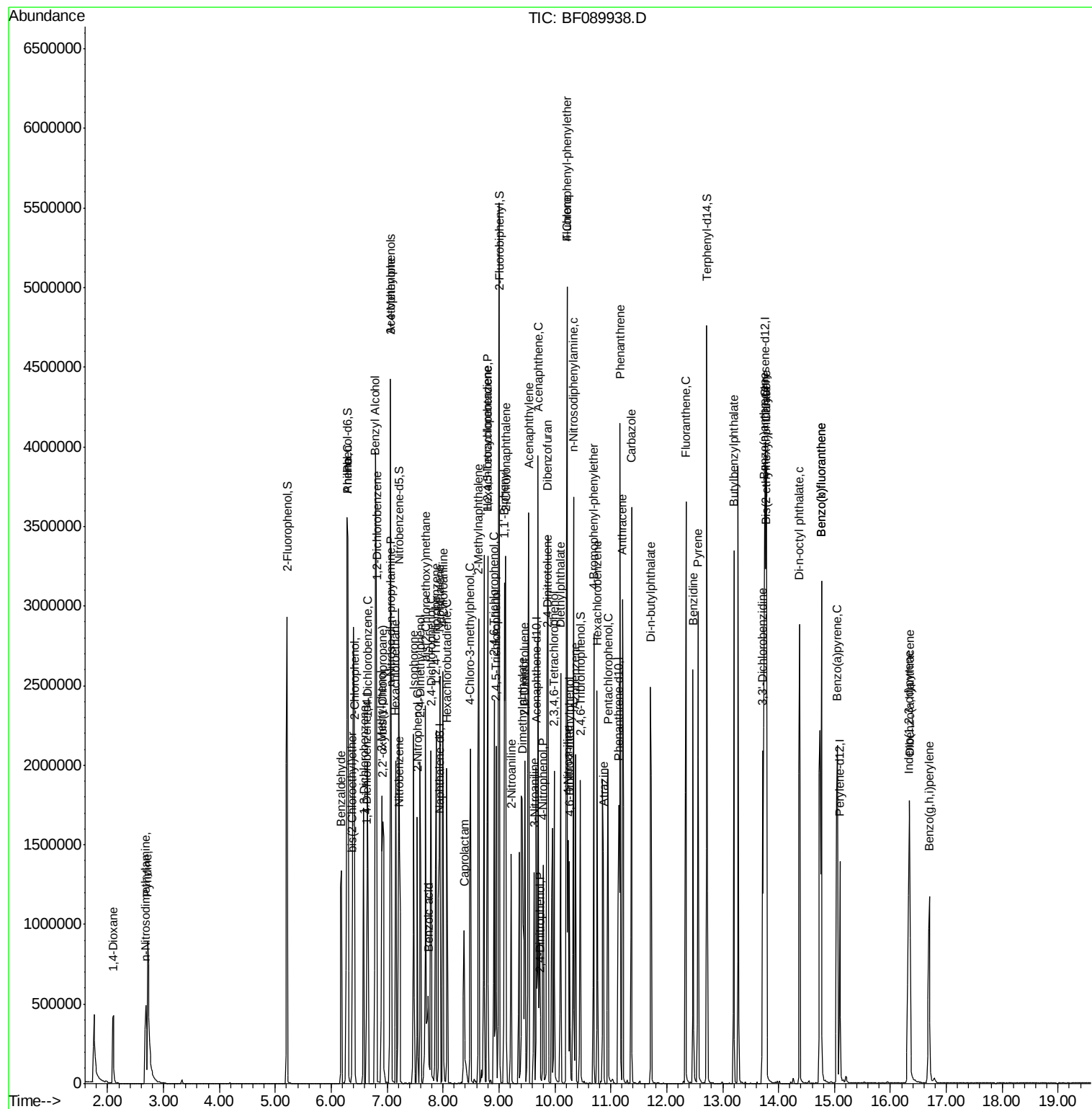
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	365084	41.86	nq	99
43) 2,4,5-Trichlorophenol	8.95	196	317188	37.82	nq	99
45) 1,1'-Biphenyl	9.10	154	1282280	37.07	nq	100
46) 2-Chloronaphthalene	9.12	162	928847	37.96	nq	100
47) 2-Nitroaniline	9.22	65	334582	41.83	nq	# 56
48) Acenaphthylene	9.53	152	1513360	37.40	nq	100
49) Dimethylphthalate	9.42	163	1242081	40.00	nq	# 98
50) 2,6-Dinitrotoluene	9.46	165	255029	36.93	nq	92
51) Acenaphthene	9.70	154	939811	36.66	nq	100
52) 3-Nitroaniline	9.63	138	352778	44.79	nq	# 73
53) 2,4-Dinitrophenol	9.74	184	138191	40.39	nq	# 52
54) Dibenzofuran	9.87	168	1304710	37.98	nq	99
55) 4-Nitrophenol	9.79	139	286284	48.19	nq	85
56) 2,4-Dinitrotoluene	9.86	165	367984	42.02	nq	92
57) Fluorene	10.22	166	1032871	41.15	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	275850	38.42	nq	98
59) Diethylphthalate	10.10	149	1143659	39.15	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	489630	41.45	nq	95
61) 4-Nitroaniline	10.24	138	318836	41.20	nq	90
62) Azobenzene	10.36	77	1138519	39.02	nq	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	198229	36.53	nq	88
65) n-Nitrosodiphenylamine	10.33	169	901970	35.39	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	326626	38.28	nq	97
67) Hexachlorobenzene	10.75	284	350790	35.99	nq	97
68) Atrazine	10.87	200	356393	41.89	nq	92
69) Pentachlorophenol	10.95	266	229107	43.69	nq	99
70) Phenanthrene	11.17	178	1555387	36.85	nq	100
71) Anthracene	11.21	178	1571919	36.72	nq	99
72) Carbazole	11.37	167	1420932	35.39	nq	99
73) Di-n-butylphthalate	11.71	149	1829617	39.10	nq	100
74) Fluoranthene	12.34	202	1741290	39.36	nq	99
76) Benzidine	12.47	184	921726	39.81	nq	100
77) Pyrene	12.56	202	1695935	39.35	nq	100
79) Butylbenzylphthalate	13.20	149	700021	40.28	nq	99
80) Benzo(a)anthracene	13.75	228	1466484	39.17	nq	99
81) 3,3'-Dichlorobenzidine	13.71	252	551071	40.78	nq	100
82) Chrysene	13.78	228	1326528	37.93	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	1005283	41.82	nq	99
84) Di-n-octyl phthalate	14.38	149	1765761	45.51	nq	99
85) Indeno(1,2,3-cd)pyrene	16.33	276	1146998	44.37	nq	99
87) Benzo(b)fluoranthene	14.77	252	2599637	73.66	nq	# 97
88) Benzo(k)fluoranthene	14.77	252	2599637	86.81	nq	99
89) Benzo(a)pyrene	15.05	252	1239166	40.98	nq	100
90) Dibenzo(a,h)anthracene	16.34	278	937731	42.33	nq	97
91) Benzo(g,h,i)perylene	16.70	276	920355	41.27	nq	97

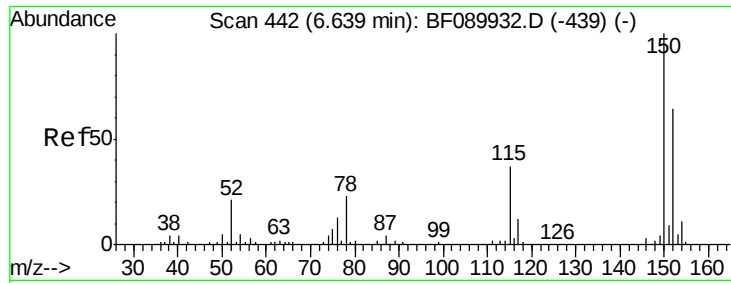
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

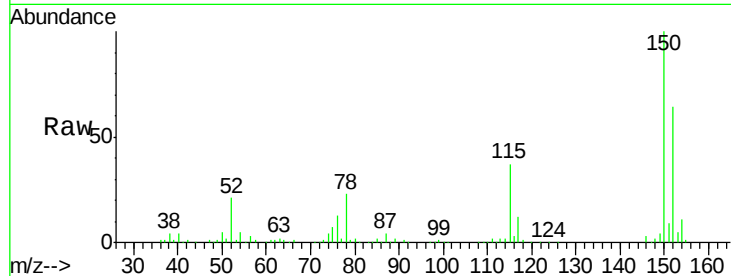
Tot Ion:152 Resp: 200045

Ion Ratio Lower Upper

152 100

150 155.3 127.4 191.2

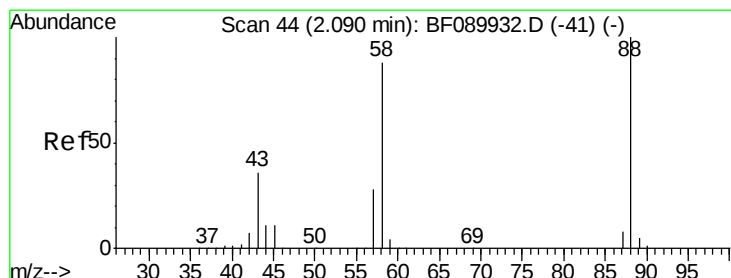
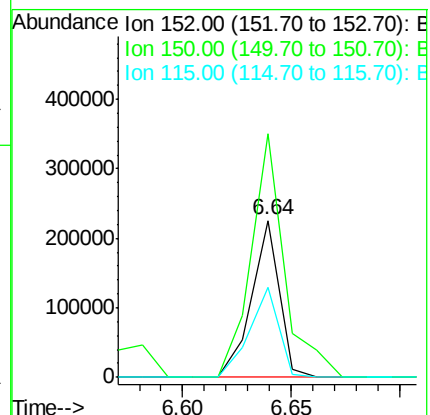
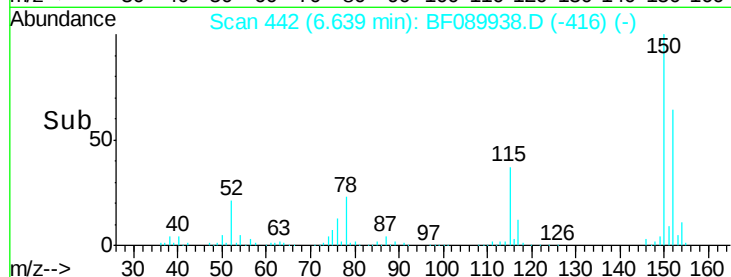
115 57.1 46.3 69.5



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: 37.70 ng

RT: 2.10 min Scan# 45

Delta R.T. 0.01 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

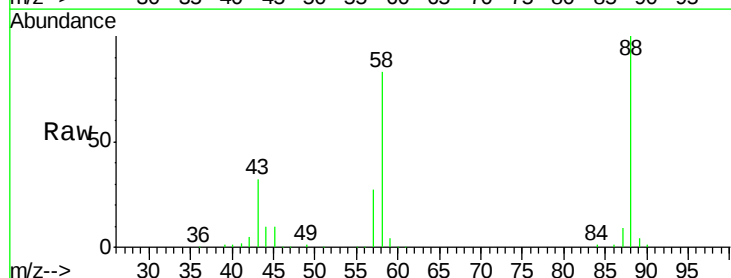
Tgt Ion: 88 Resp: 223210

Ion Ratio Lower Upper

88 100

58 84.4 68.8 103.2

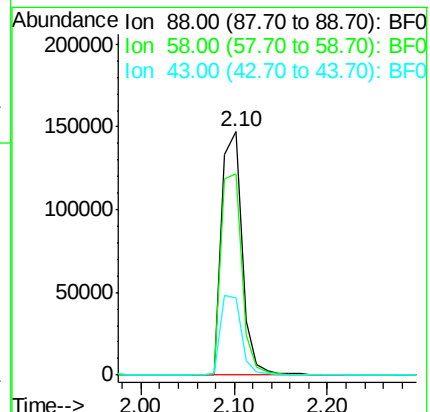
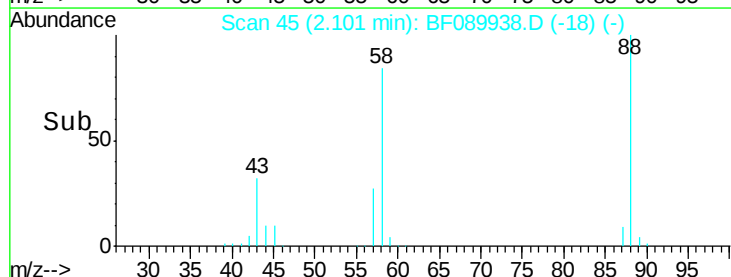
43 33.3 27.0 40.6

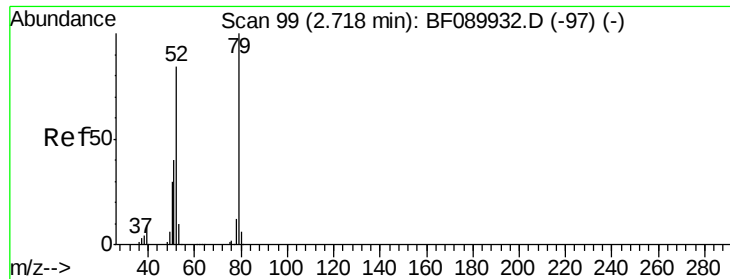


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

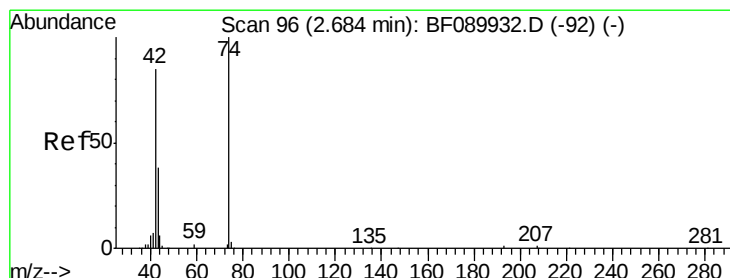
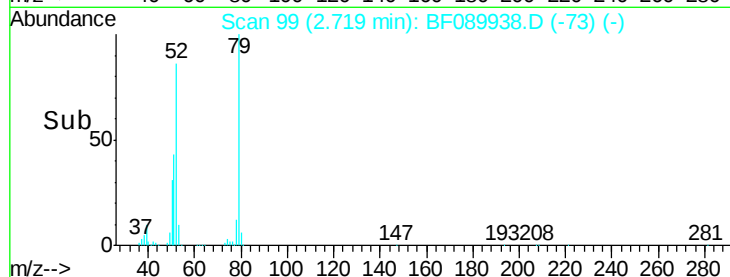
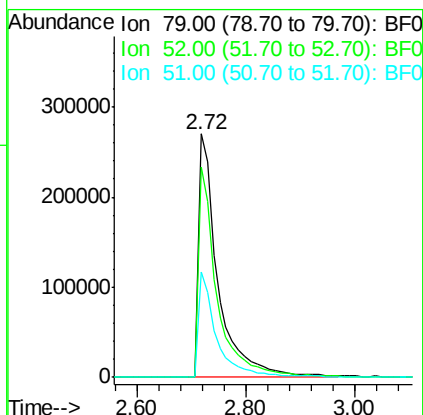
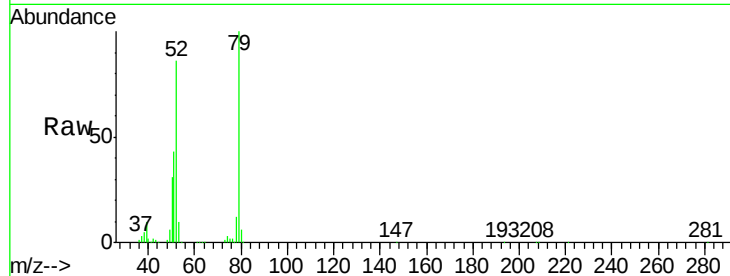




#3
 Pvridine
 Concen: 42.16 ng
 RT: 2.72 min Scan# 99
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

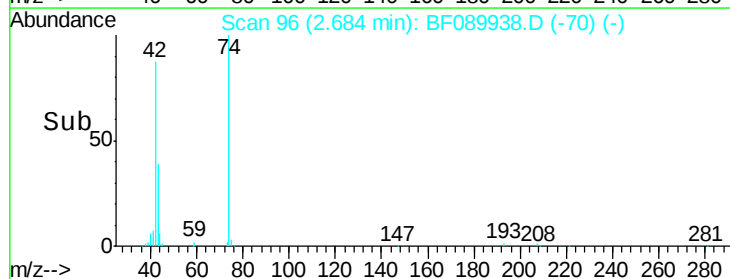
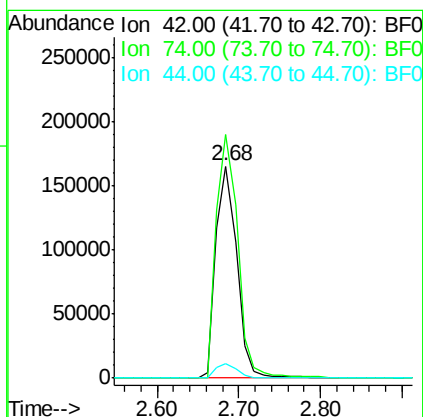
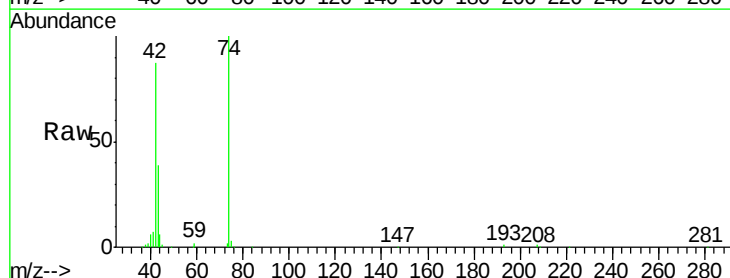
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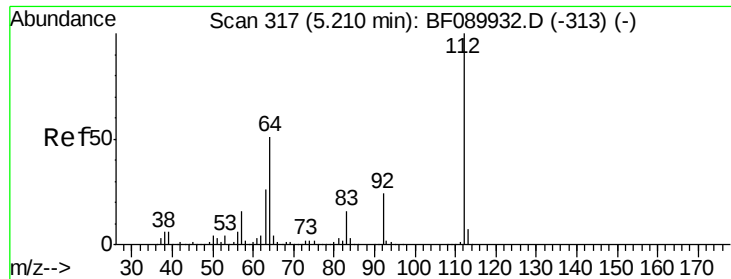
Tot Ion	Ratio	Lower	Upper
79	100		
52	86.5	67.8	101.6
51	43.1	32.9	49.3



#4
 n-Nitrosodimethylamine
 Concen: 38.15 ng
 RT: 2.68 min Scan# 96
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	114.7	92.0	138.0
44	6.9	5.8	8.8





#5

2-Fluorophenol

Concen: 82.89 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

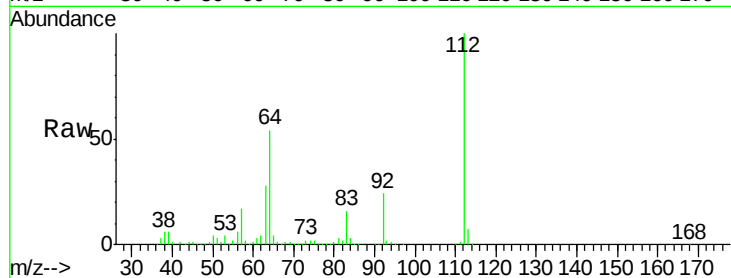
Tot Ion:112 Resp: 1035946

Ion Ratio Lower Upper

112 100

64 54.0 41.1 61.7

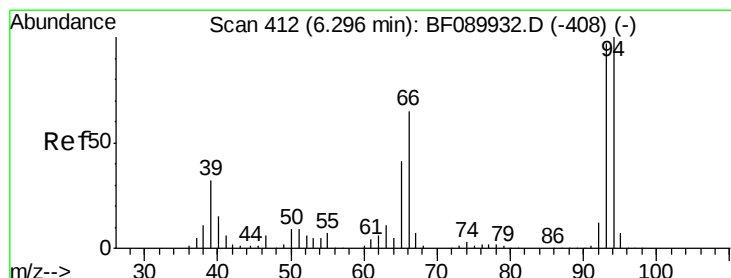
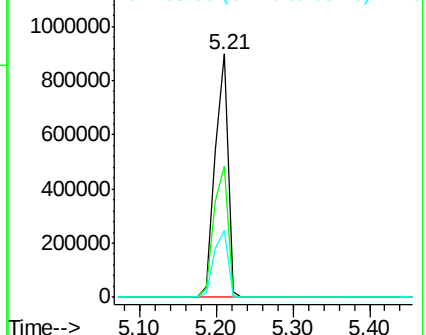
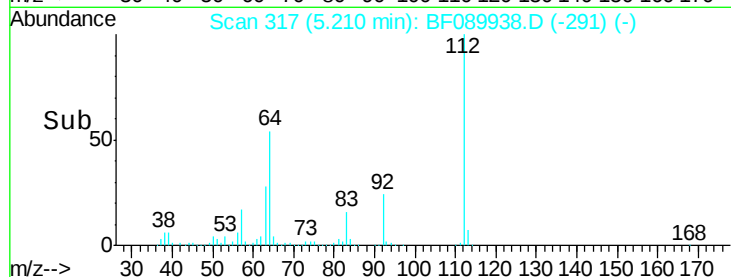
63 27.7 21.2 31.8



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: 37.71 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

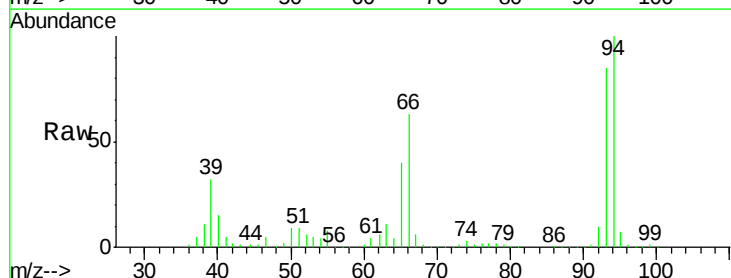
Tgt Ion: 93 Resp: 781301

Ion Ratio Lower Upper

93 100

66 74.2 52.9 79.3

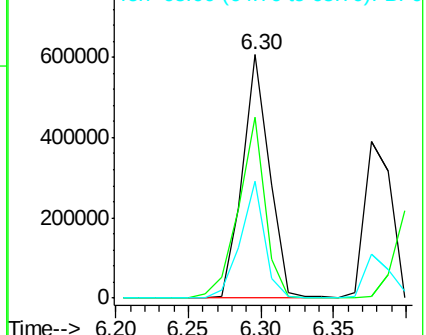
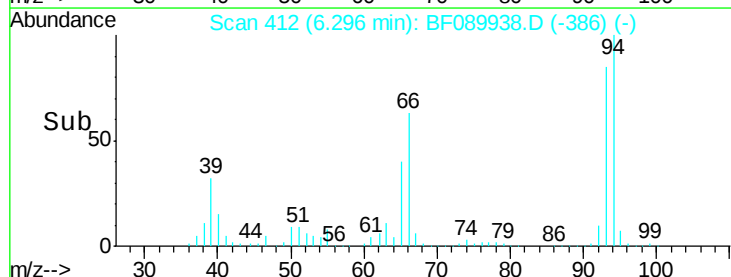
65 47.9 33.0 49.6

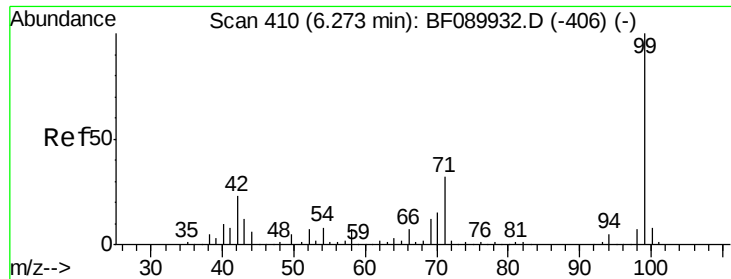


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.91 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

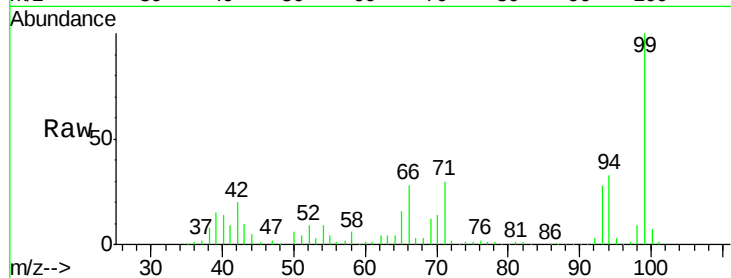
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1228683

Ion	Ratio	Lower	Upper
99	100		
42	19.9	18.6	27.8
71	29.6	25.8	38.6

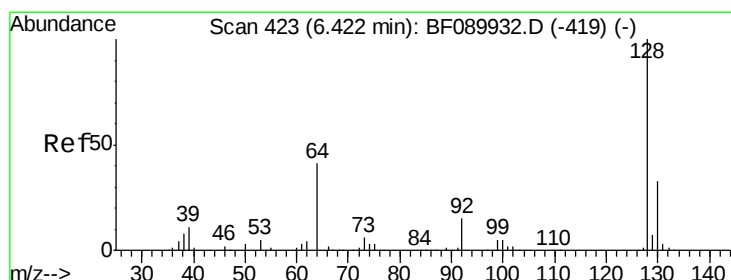
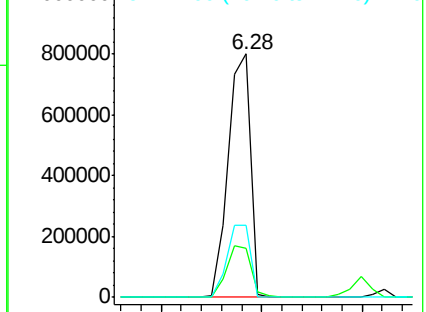
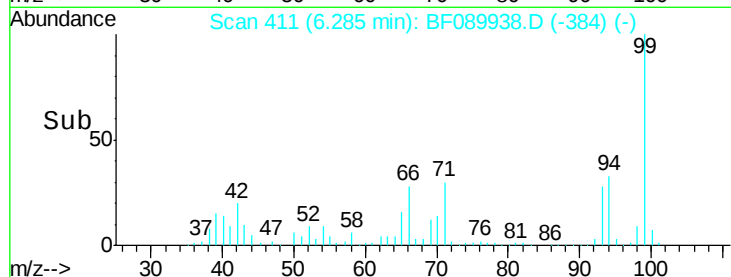


Abundance

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: 39.84 ng

RT: 6.42 min Scan# 423

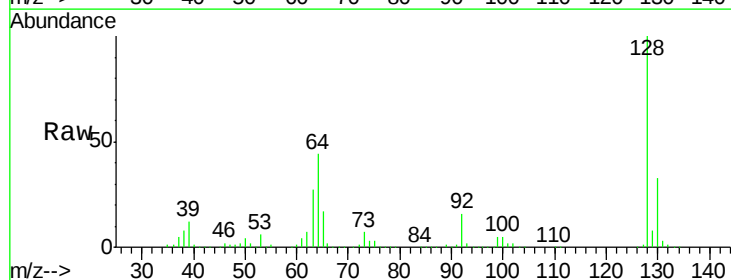
Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Tgt Ion: 128 Resp: 540200

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.8	52.8
64	44.4	23.2	63.2

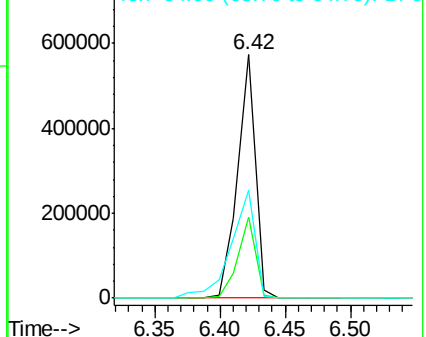
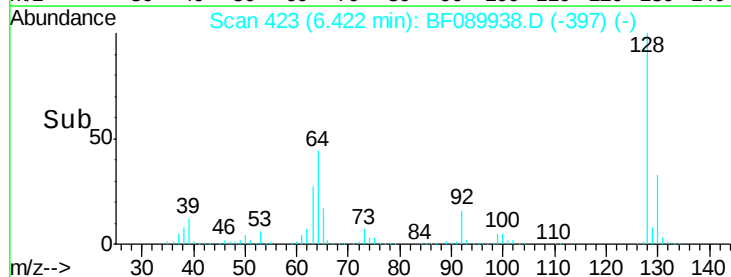


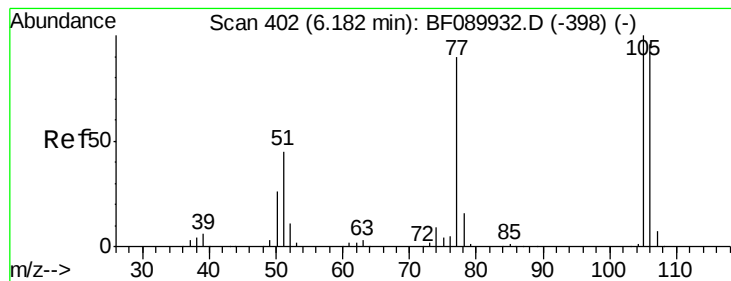
Abundance

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: 39.48 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

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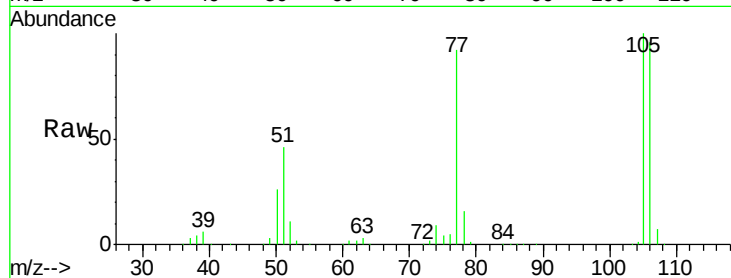
Tot Ion: 77 Resp: 386828

Ion Ratio Lower Upper

77 100

105 108.5 85.4 125.4

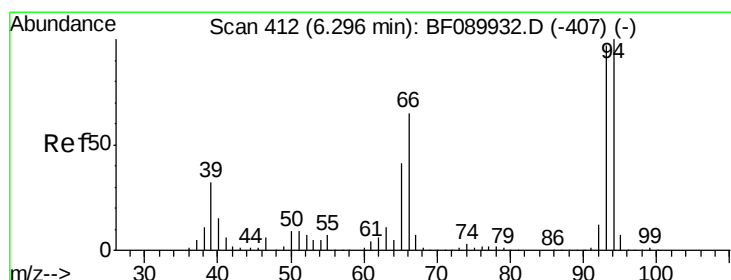
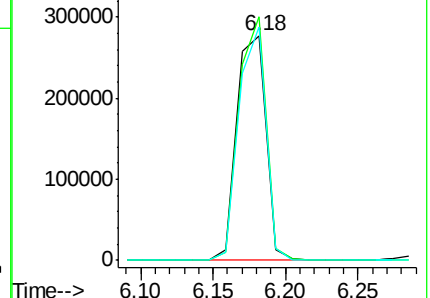
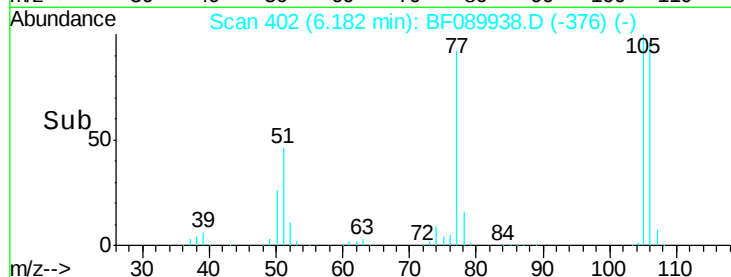
106 104.0 83.4 123.4



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: 40.82 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

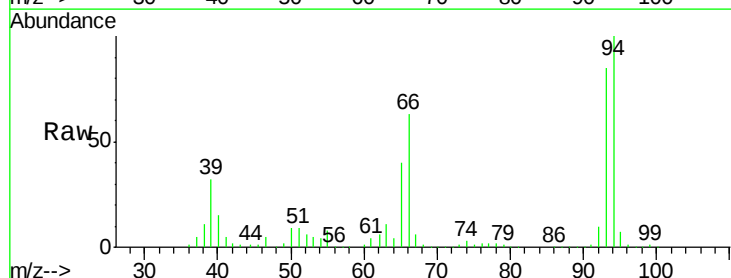
Tgt Ion: 94 Resp: 720855

Ion Ratio Lower Upper

94 100

65 40.5 23.2 63.2

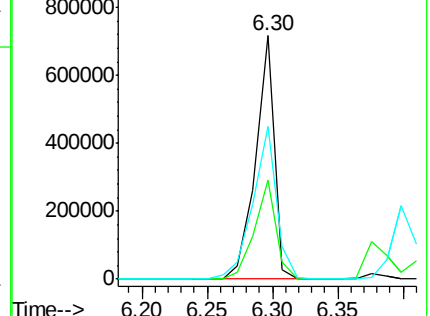
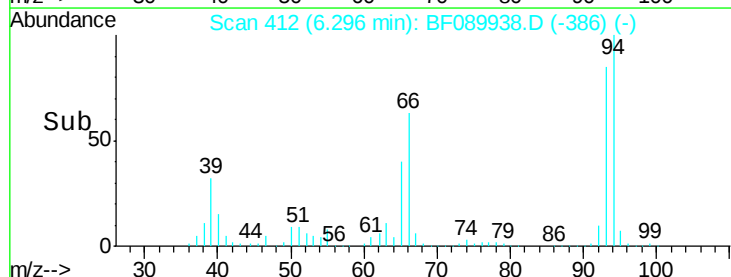
66 62.8 49.2 89.2

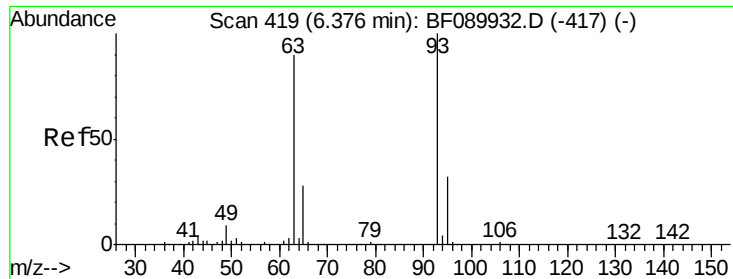


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

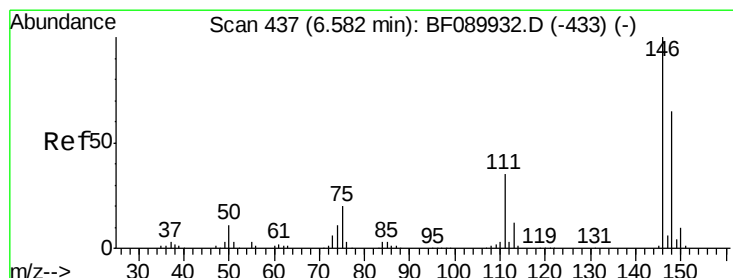
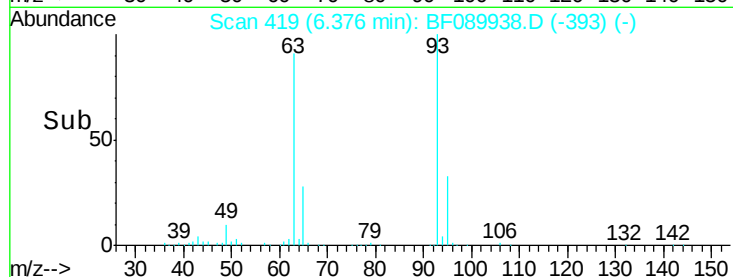
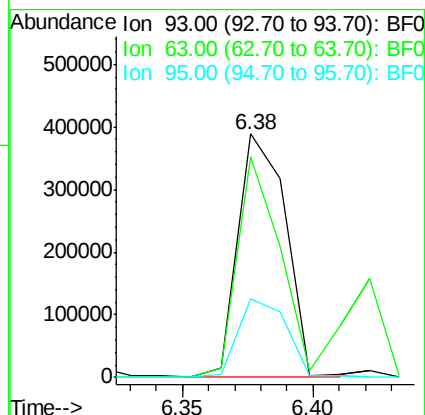
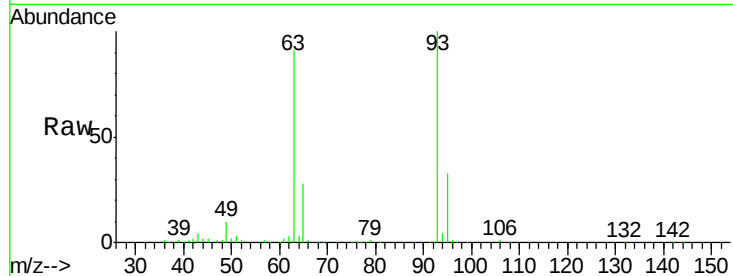




#11
bis(2-Chloroethyl)ether
Concen: 37.03 ng
RT: 6.38 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

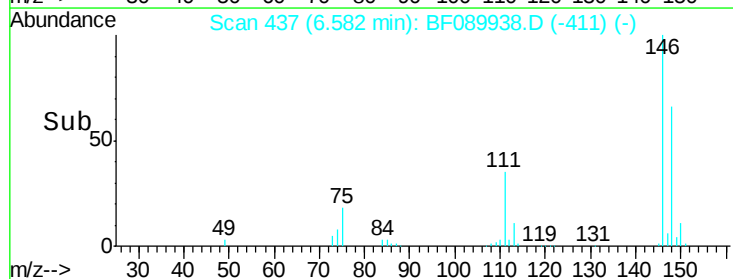
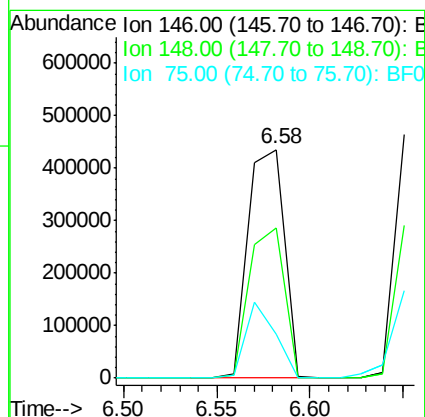
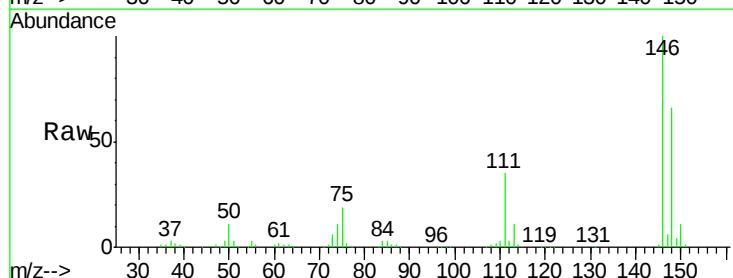
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

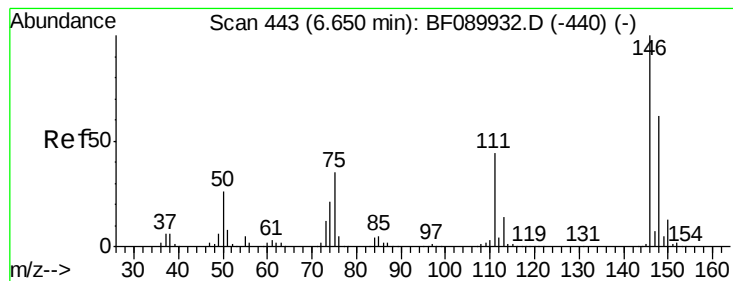
Tot Ion: 93 Resp: 494806
Ion Ratio Lower Upper
93 100
63 90.7 71.1 111.1
95 32.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 38.83 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion: 146 Resp: 588082
Ion Ratio Lower Upper
146 100
148 65.8 52.5 78.7
75 19.1 16.6 24.8





#13

1,4-Dichlorobenzene

Concen: 37.18 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

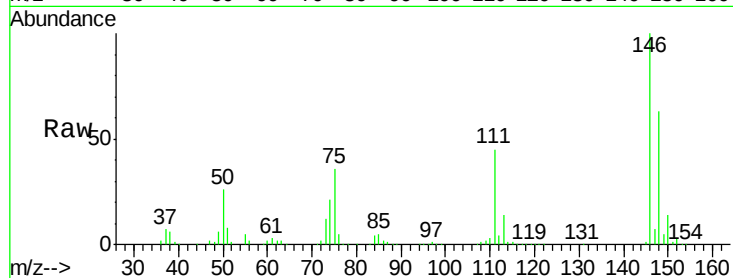
Tot Ion:146 Resp: 576073

Ion Ratio Lower Upper

146 100

148 62.7 50.1 75.1

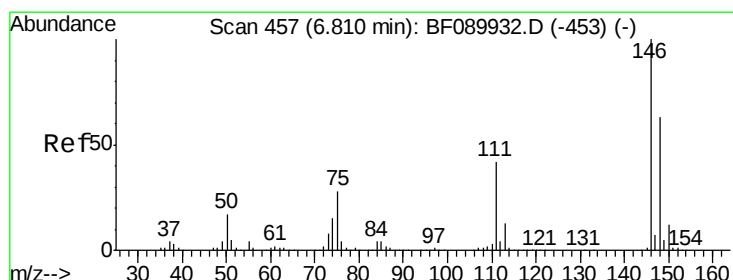
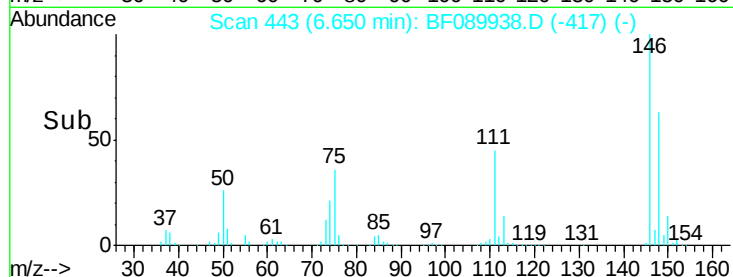
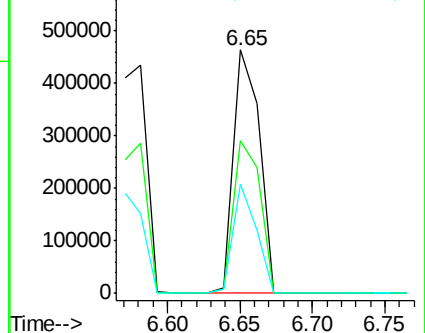
111 44.7 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.38 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

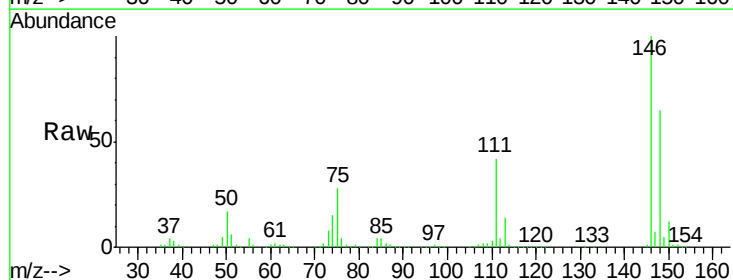
Tgt Ion:146 Resp: 574780

Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.2

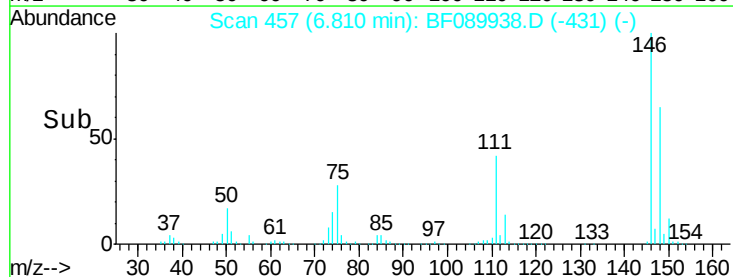
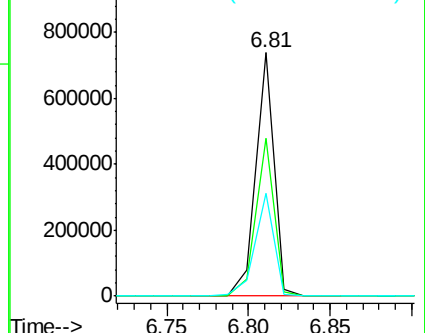
111 42.4 34.6 51.8

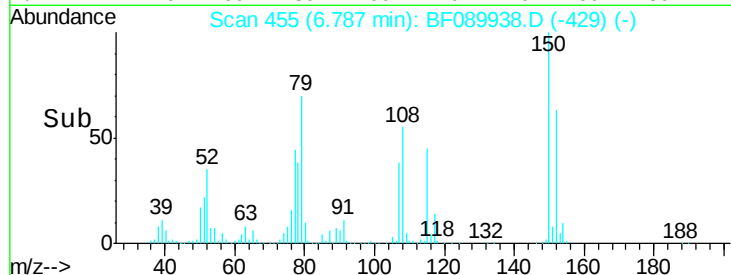
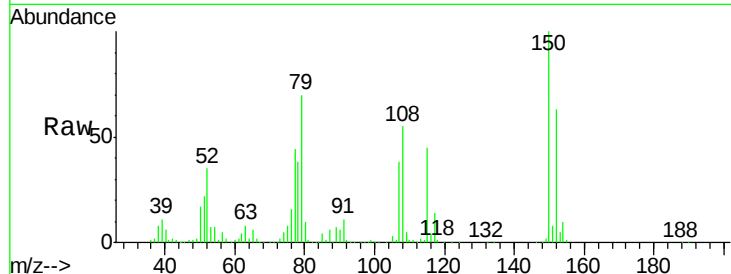
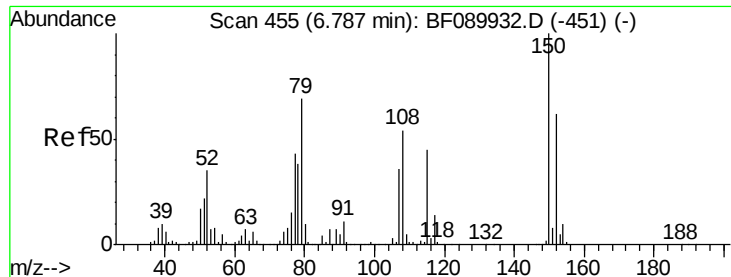


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.41 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

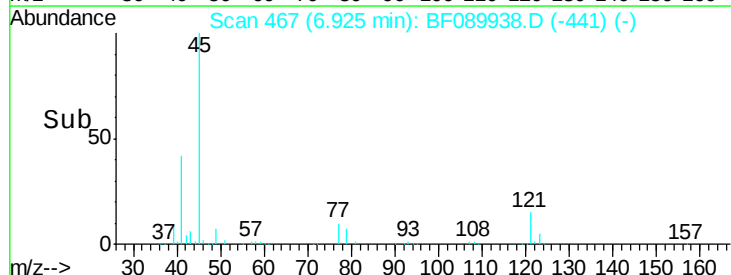
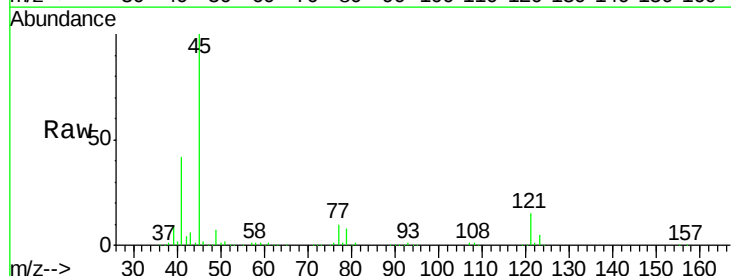
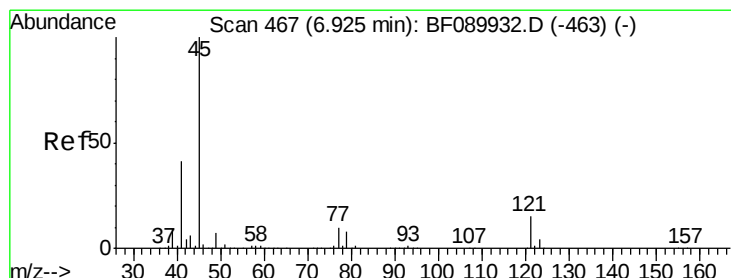
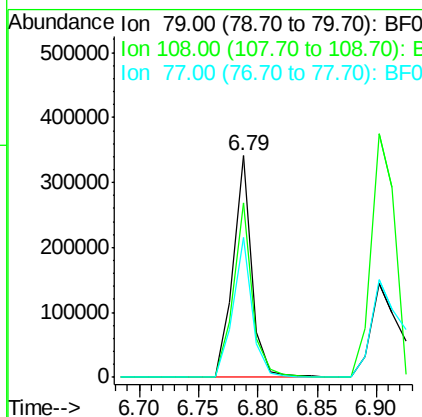
Tot Ion: 79 Resp: 374890

Ion Ratio Lower Upper

79 100

108 78.9 62.1 93.1

77 63.0 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.91 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

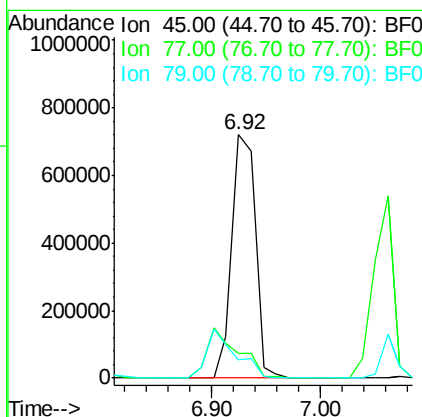
Tgt Ion: 45 Resp: 1067991

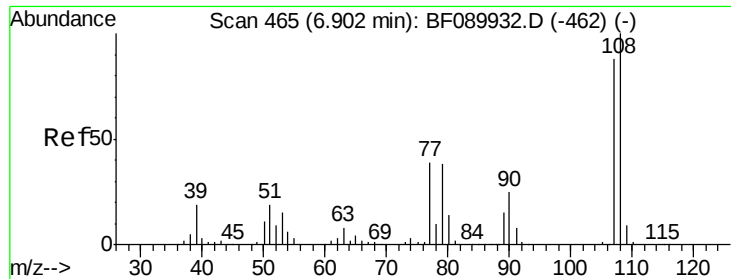
Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.3

79 7.7 0.0 27.5

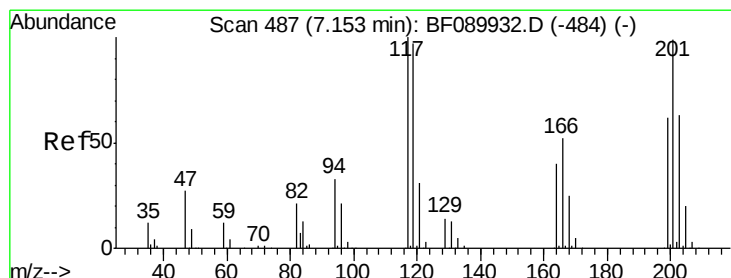
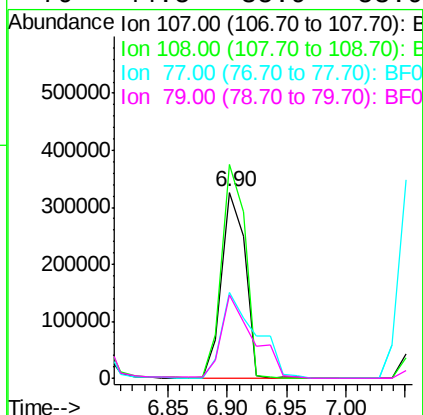
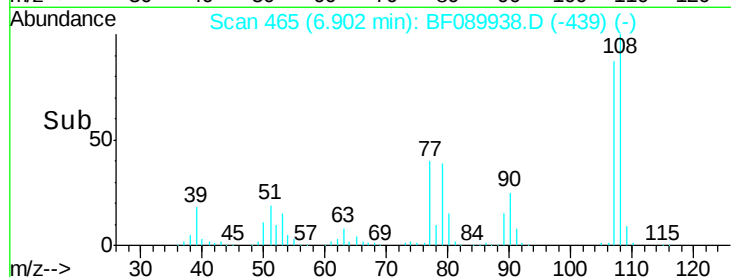
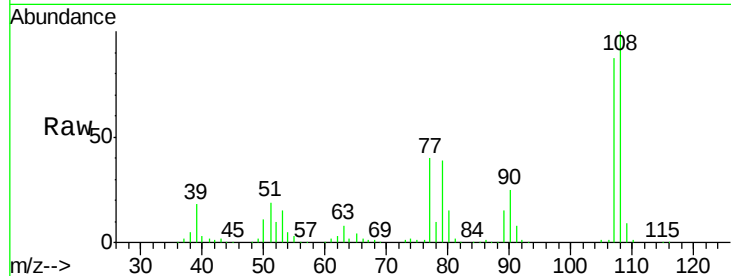




#17
2-Methylphenol
Concen: 41.35 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

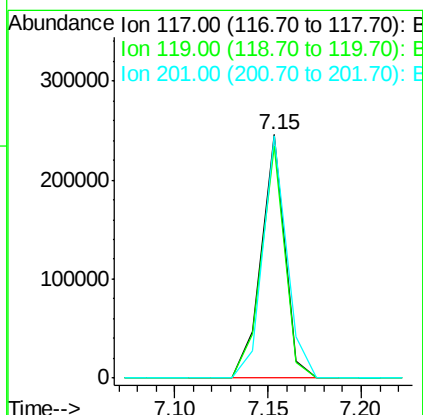
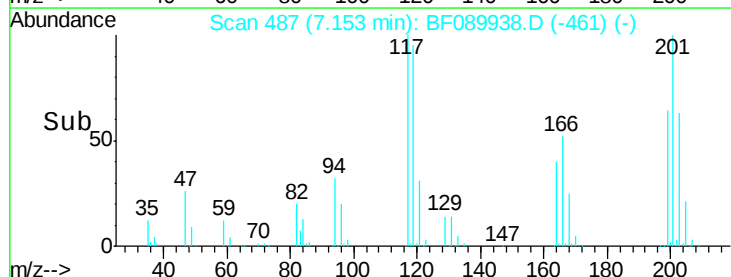
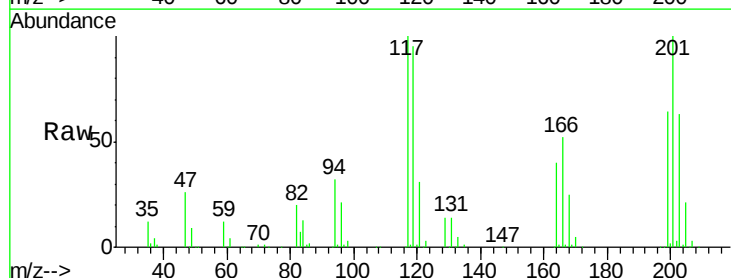
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

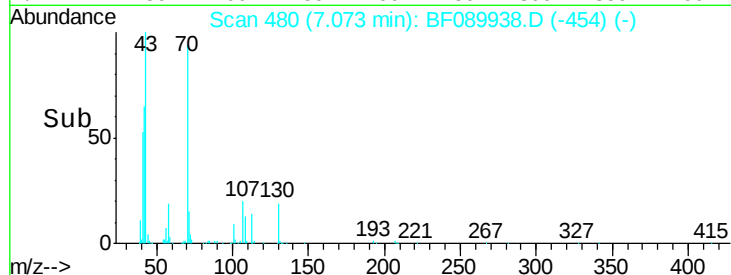
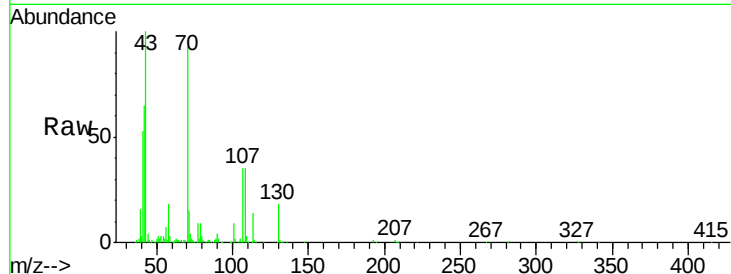
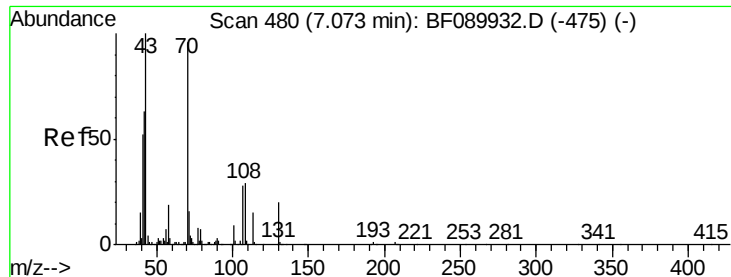
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.8	137.6
77	46.0	36.0	54.0
79	44.5	35.9	53.9



#18
Hexachloroethane
Concen: 40.13 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.2	114.2
201	99.7	80.2	120.2

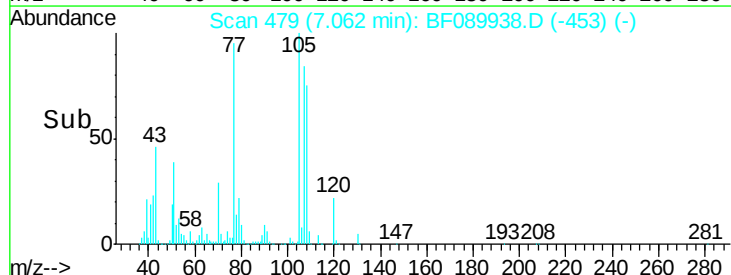
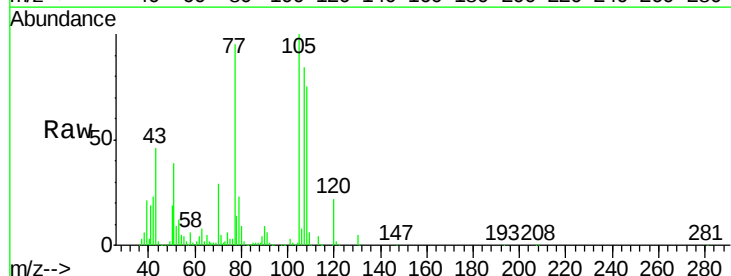
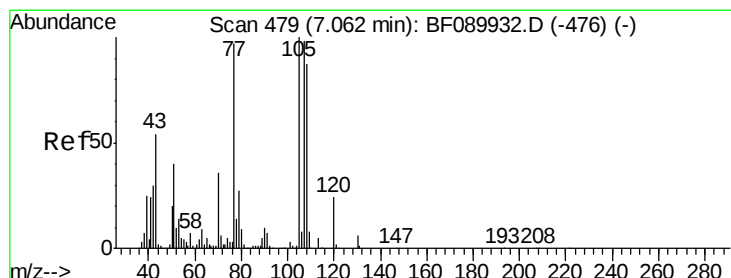
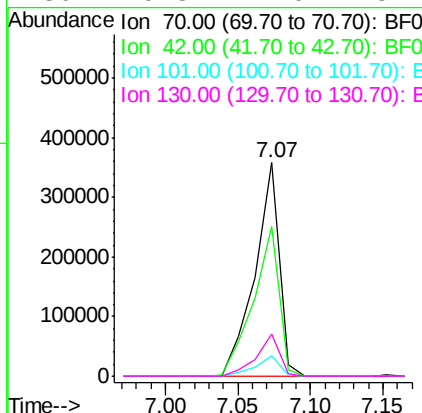




#19
n-Nitroso-di-n-propylamine
Concen: 42.35 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

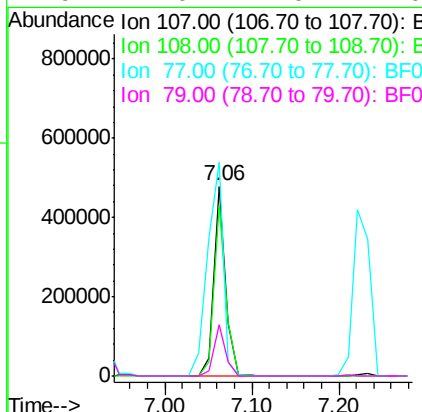
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

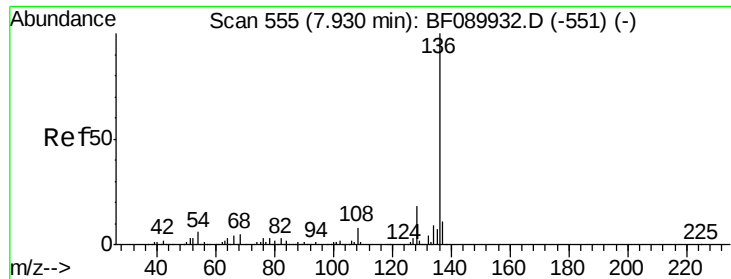
Tot Ion:	70	Resp:	419137
Ion	Ratio	Lower	Upper
70	100		
42	69.9	52.1	78.1
101	9.3	7.4	11.2
130	19.8	17.0	25.4



#20
3+4-Methylphenols
Concen: 34.79 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion:	107	Resp:	456635
Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.2	110.2
77	112.5	75.7	115.7
79	27.0	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 821421

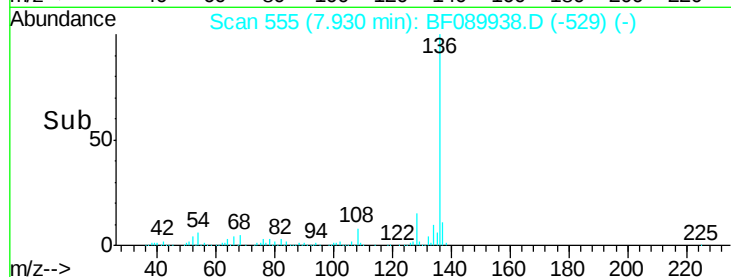
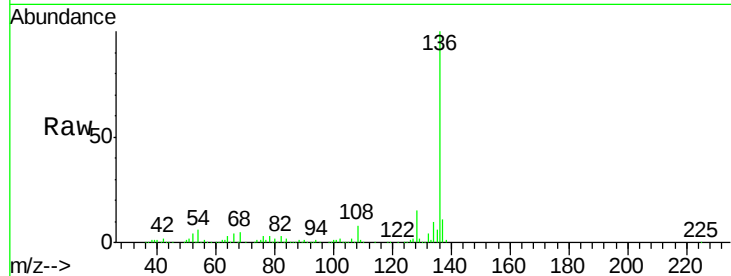
Ion Ratio Lower Upper

136 100

137 10.5 8.3 12.5

54 6.3 4.8 7.2

68 4.7 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

7.93

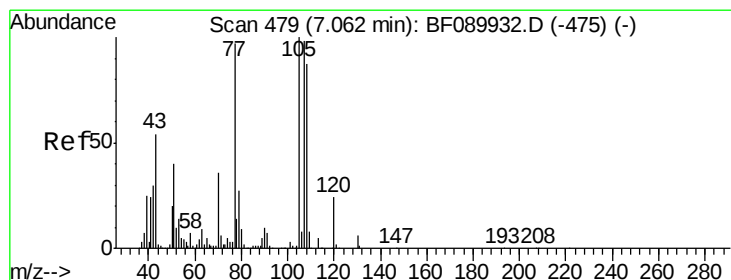
600000

400000

200000

0

Time--> 7.85 7.90 7.95



#22

Acetophenone

Concen: 39.55 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Tgt Ion:105 Resp: 728755

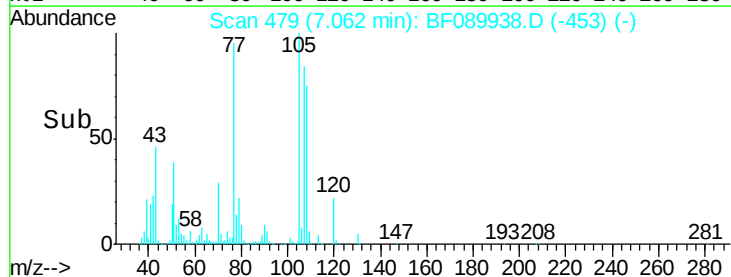
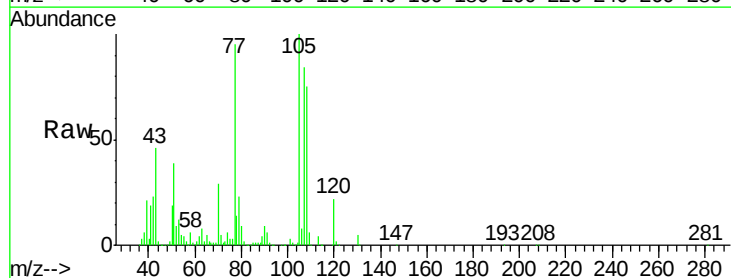
Ion Ratio Lower Upper

105 100

71 4.8 5.3 7.9#

51 39.4 32.6 48.8

120 22.1 18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

7.06

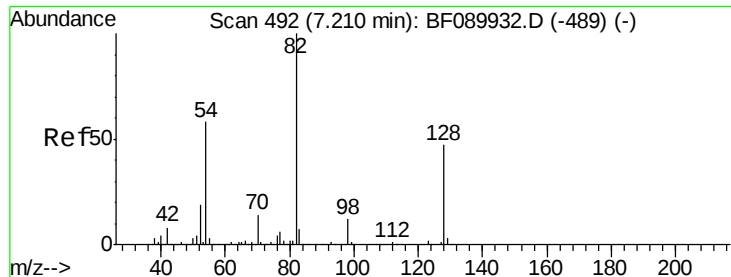
600000

400000

200000

0

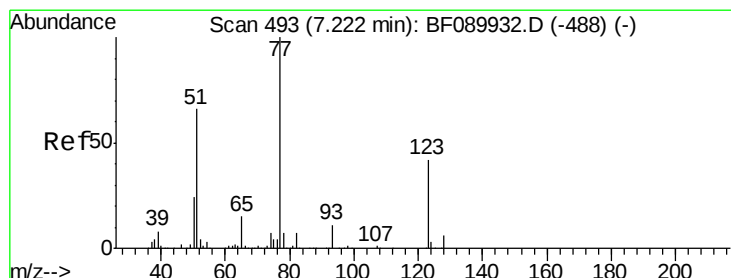
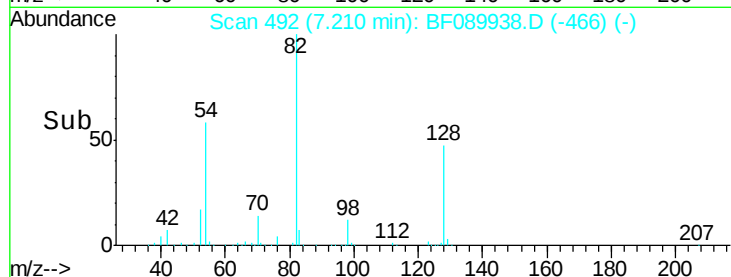
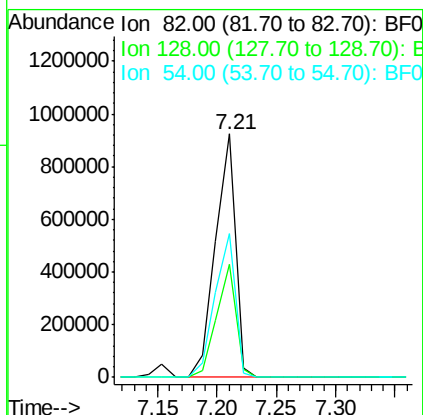
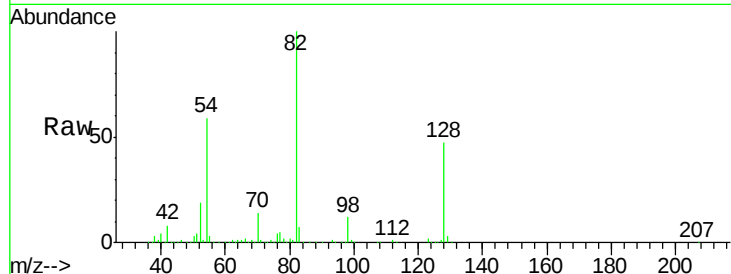
Time--> 7.00 7.10



#23
 Nitrobenzene-d5
 Concen: 75.71 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

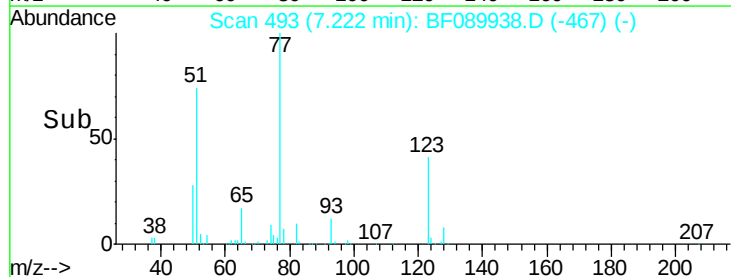
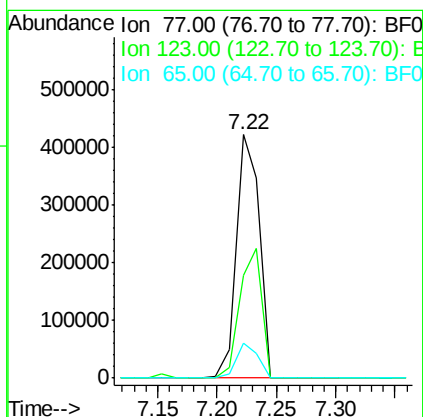
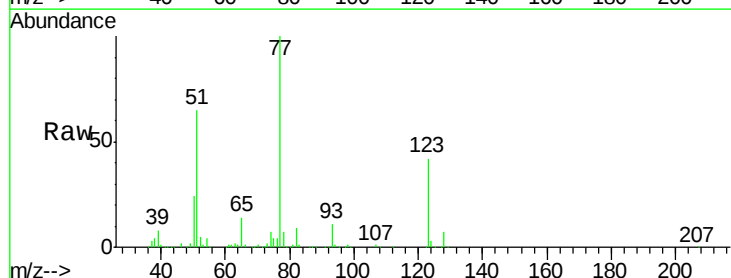
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

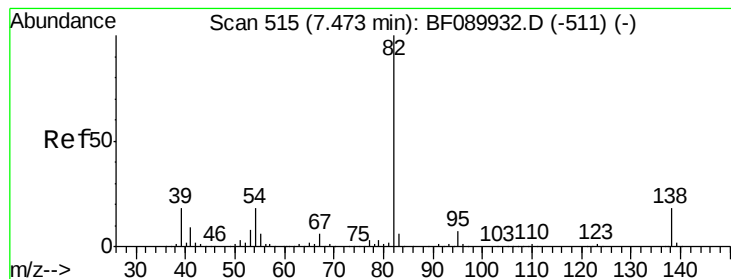
Tot Ion: 82 Resp: 1072292
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.8 56.8
 54 59.1 46.9 70.3



#24
 Nitrobenzene
 Concen: 37.41 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion: 77 Resp: 563388
 Ion Ratio Lower Upper
 77 100
 123 42.0 32.0 48.0
 65 14.1 11.2 16.8





#25

Isophorone

Concen: 38.87 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

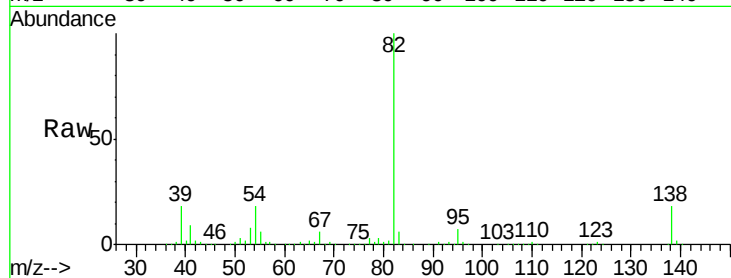
Tot Ion: 82 Resp: 1119643

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

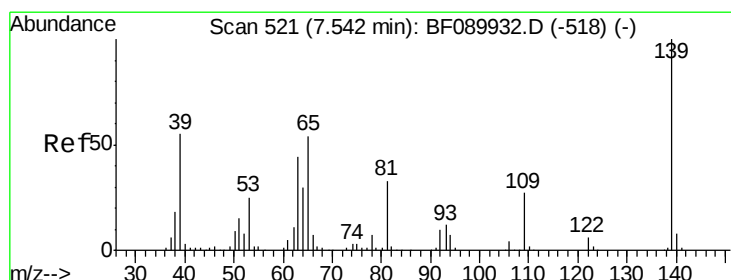
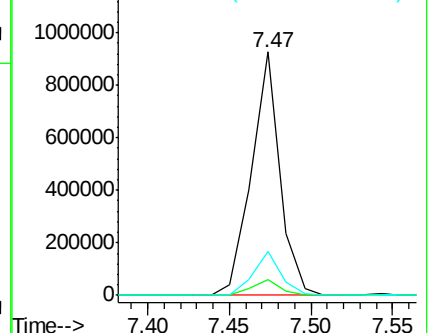
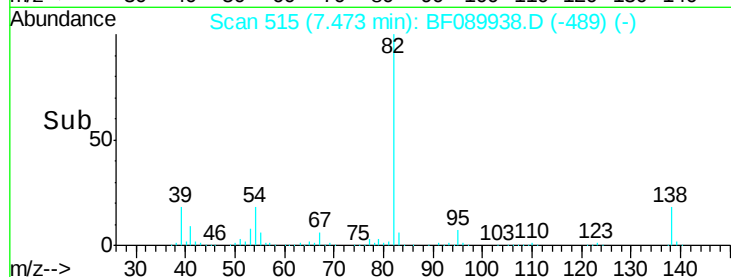
138 17.8 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.33 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

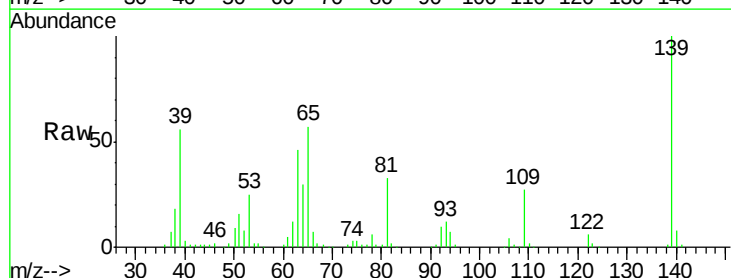
Tgt Ion: 139 Resp: 275875

Ion Ratio Lower Upper

139 100

109 27.2 21.0 31.4

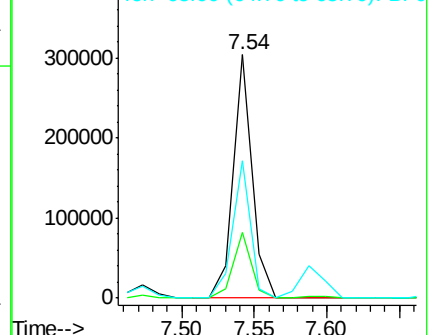
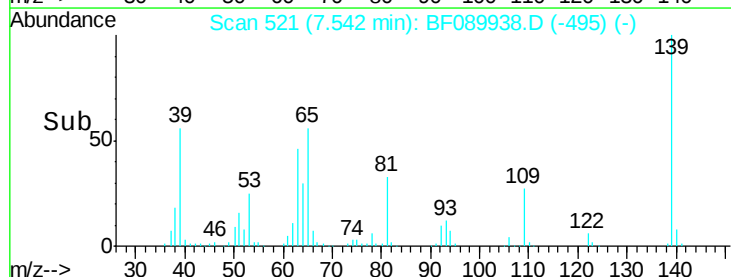
65 56.6 43.4 65.0

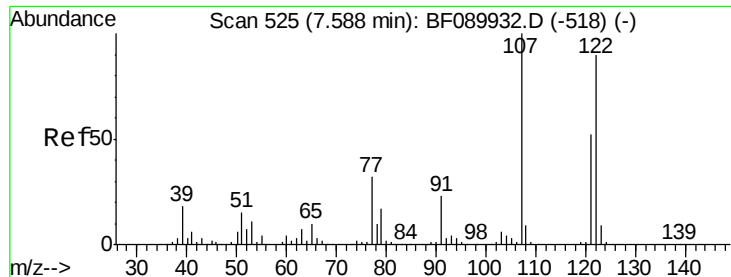


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.48 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

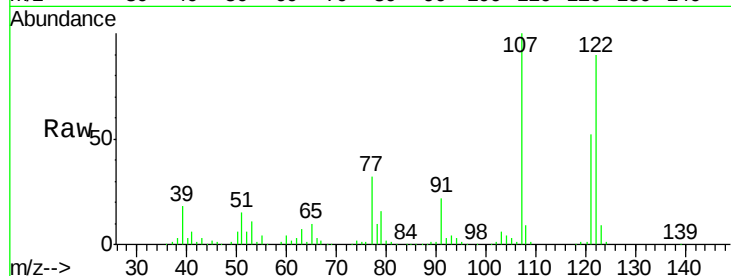
Tot Ion:122 Resp: 525611

Ion Ratio Lower Upper

122 100

107 111.1 88.5 132.7

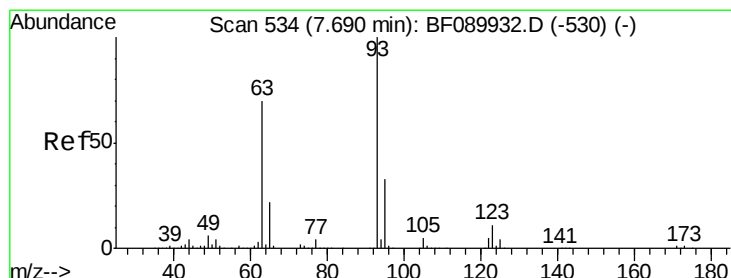
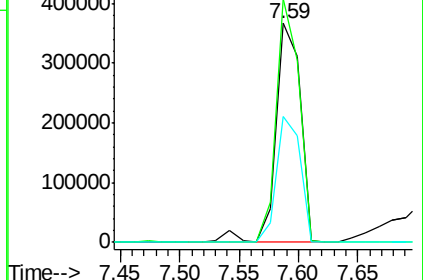
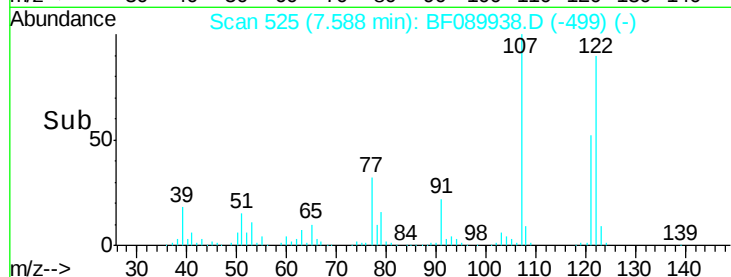
121 57.4 46.0 69.0



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: 40.71 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

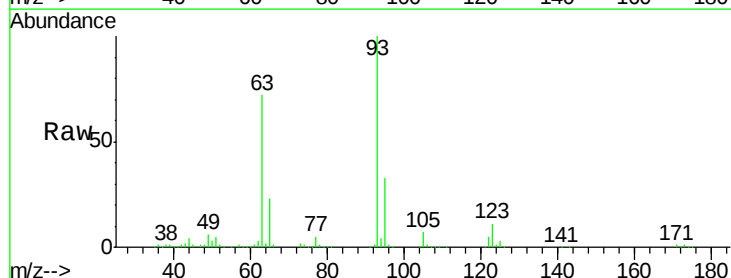
Tgt Ion: 93 Resp: 707184

Ion Ratio Lower Upper

93 100

95 33.1 26.6 40.0

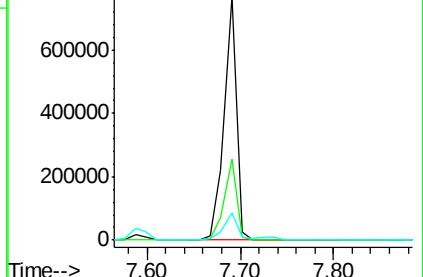
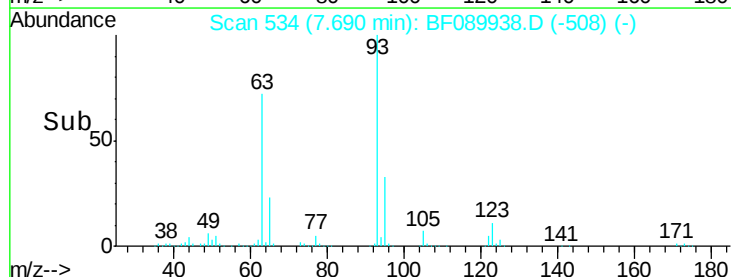
123 11.2 9.1 13.7

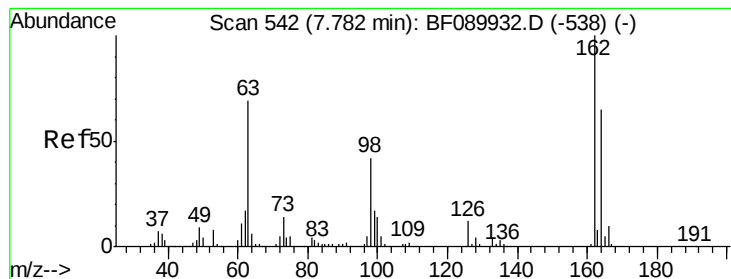


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.12 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

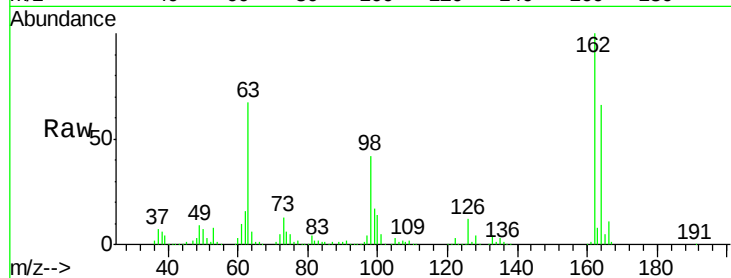
Tot Ion:162 Resp: 454968

Ion Ratio Lower Upper

162 100

164 66.4 46.6 86.6

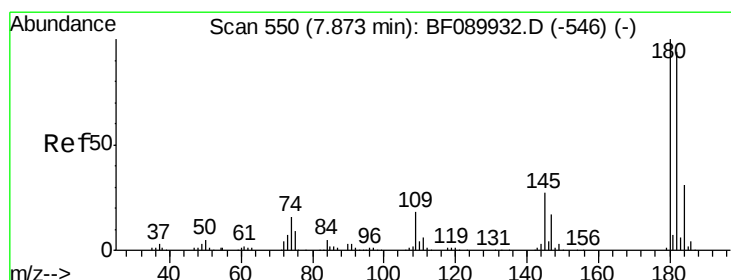
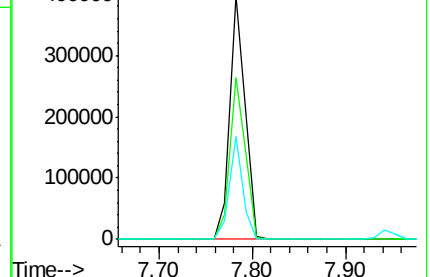
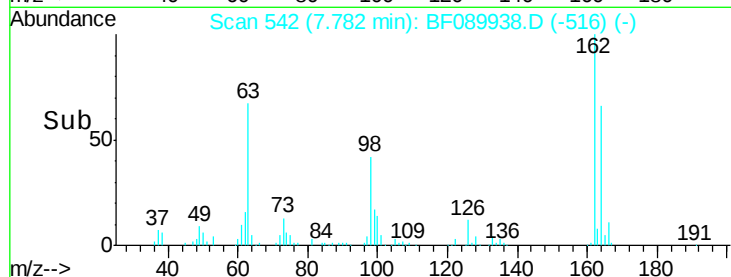
98 42.0 22.0 62.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.19 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

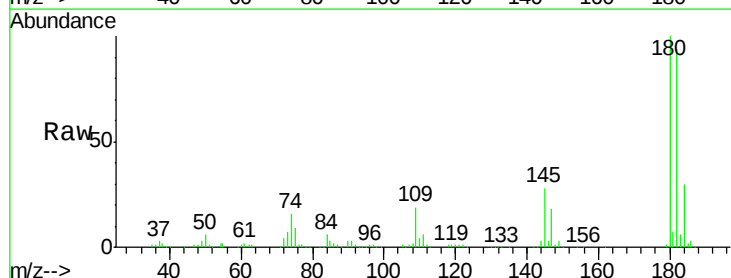
Tgt Ion:180 Resp: 537588

Ion Ratio Lower Upper

180 100

182 93.6 76.2 114.2

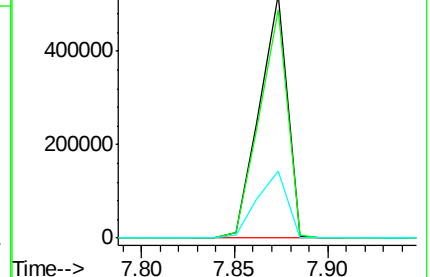
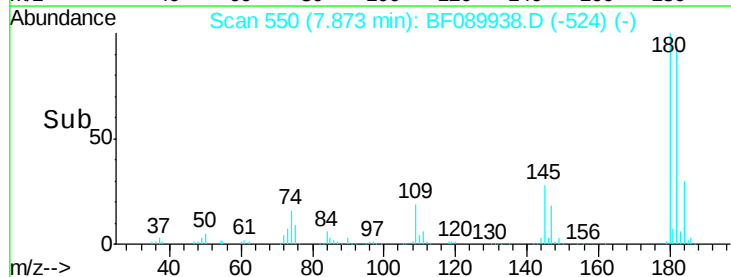
145 27.6 22.2 33.4

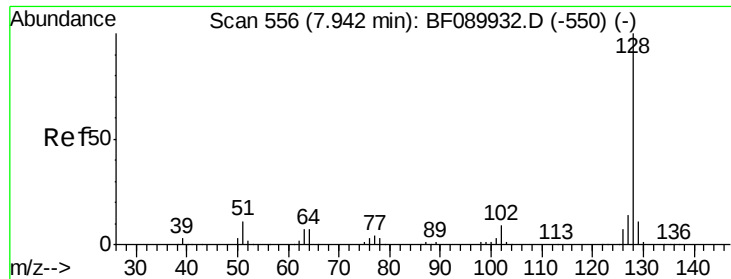


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

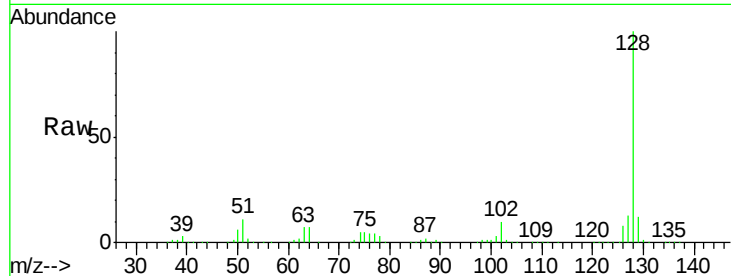




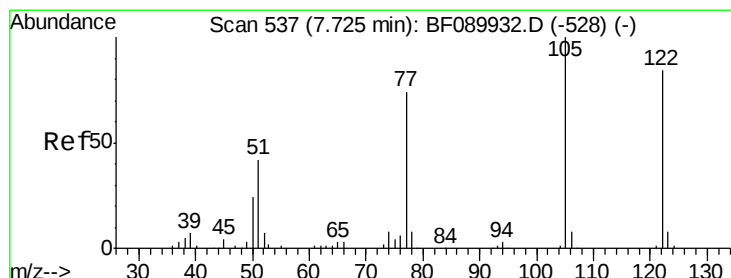
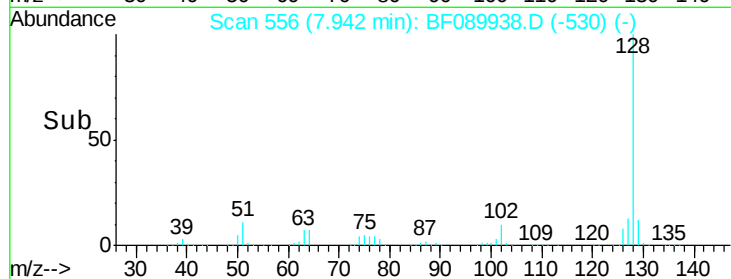
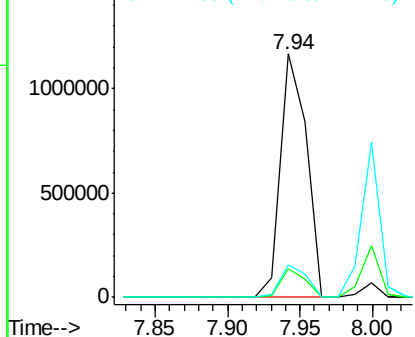
#31
Naphthalene
Concen: 35.36 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1447069
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.5 10.7 16.1

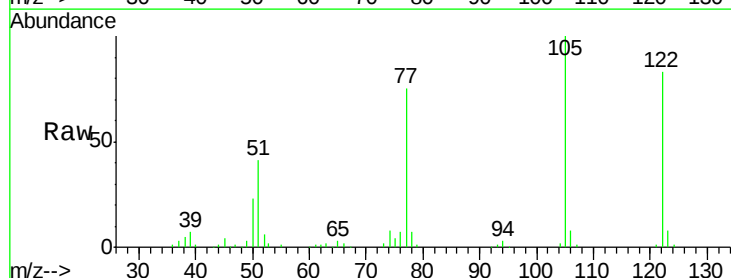


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

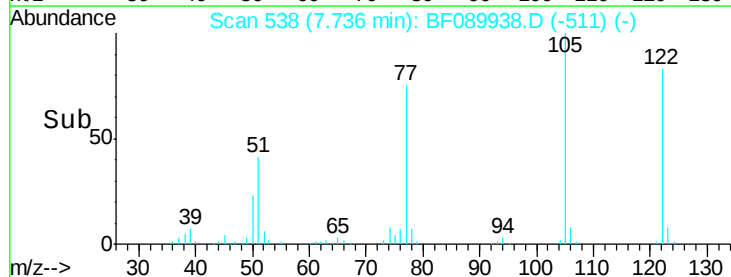
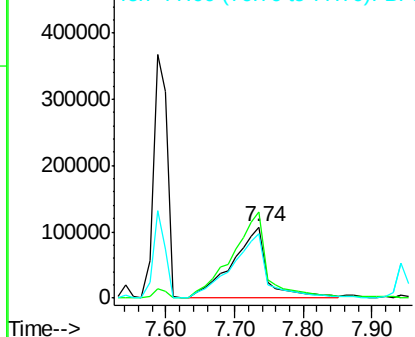


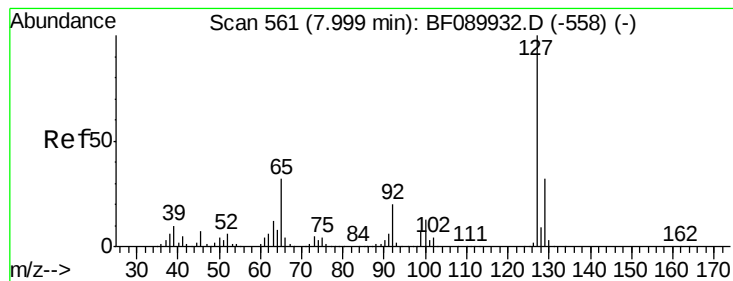
#32
Benzoic acid
Concen: 41.82 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.01 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion:122 Resp: 375098
Ion Ratio Lower Upper
122 100
105 121.0 102.2 142.2
77 91.0 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: 40.04 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 661117

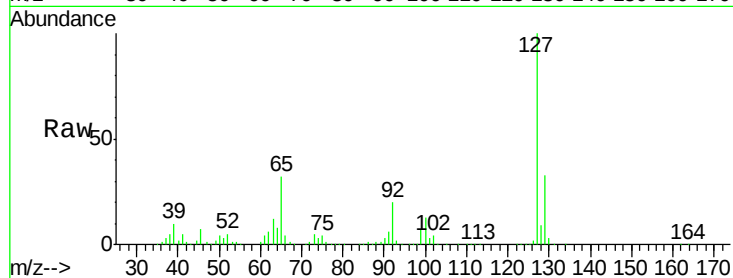
Ion Ratio Lower Upper

127 100

129 32.9 25.9 38.9

65 31.9 26.0 39.0

92 19.7 15.9 23.9

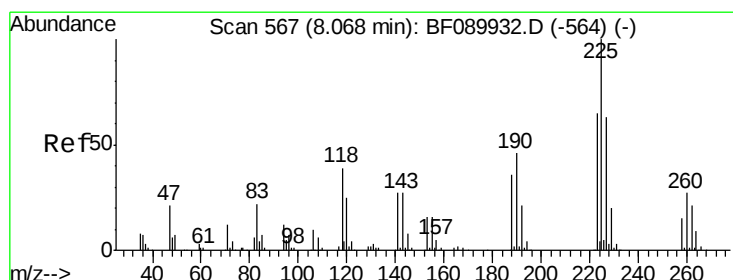
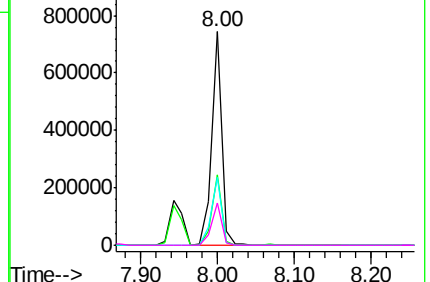
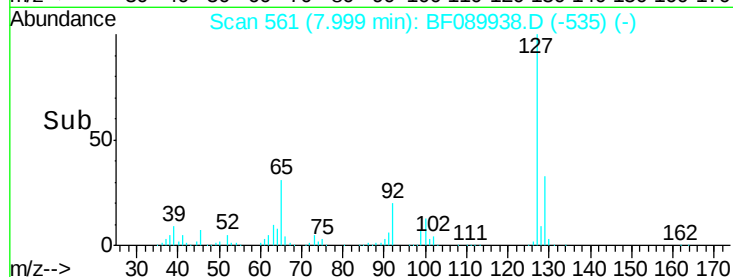


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.34 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

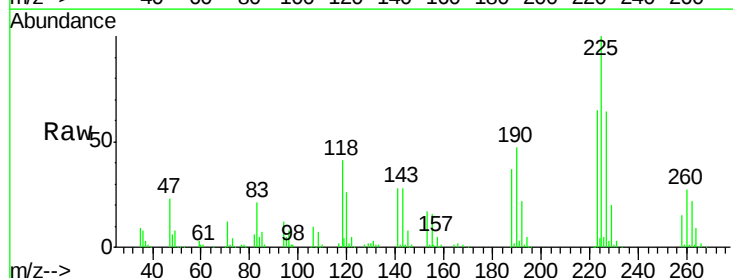
Tgt Ion:225 Resp: 293170

Ion Ratio Lower Upper

225 100

223 64.7 52.6 78.8

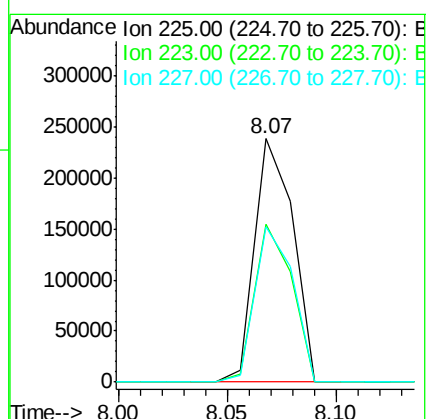
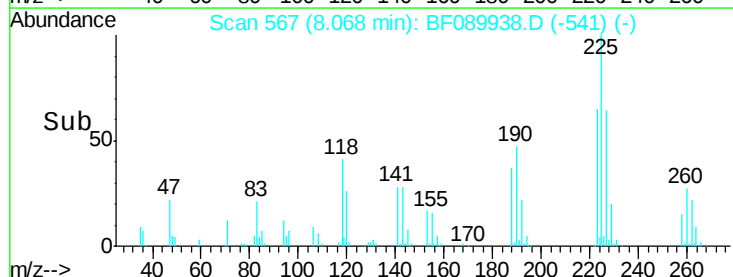
227 63.7 50.8 76.2

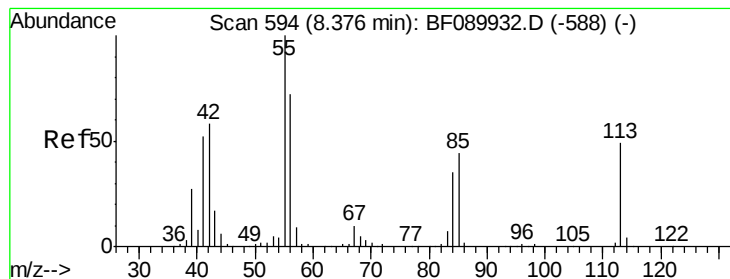


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.86 ng

RT: 8.38 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

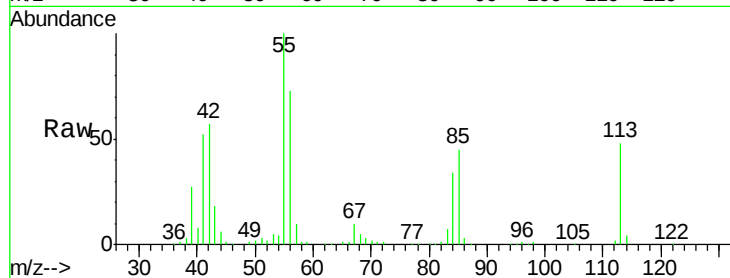
Tot Ion:113 Resp: 142624

Ion Ratio Lower Upper

113 100

55 207.6 178.5 218.5

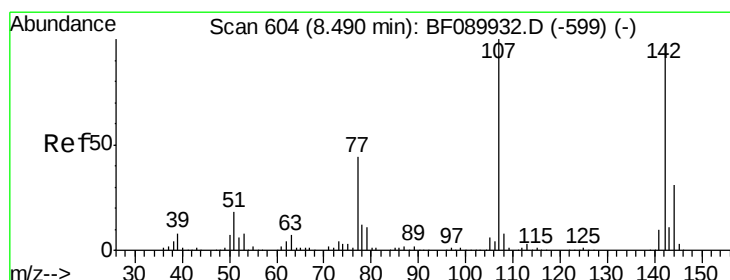
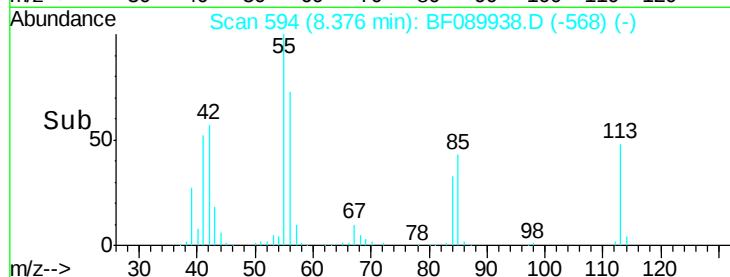
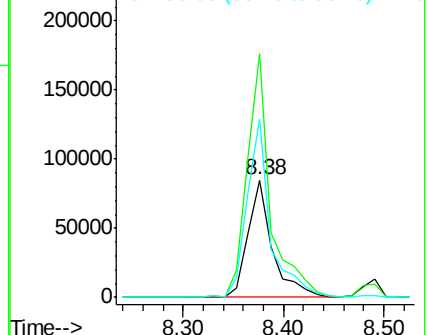
56 151.9 122.7 162.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.57 ng

RT: 8.49 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

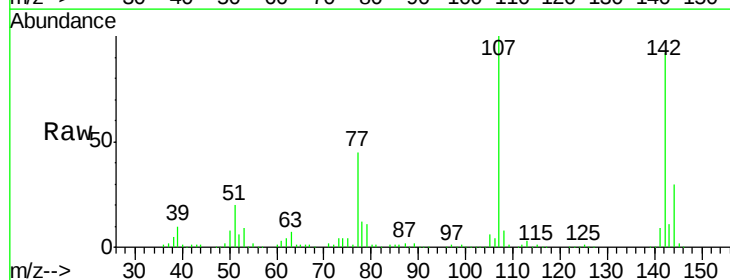
Tgt Ion:107 Resp: 538203

Ion Ratio Lower Upper

107 100

144 29.9 25.8 38.8

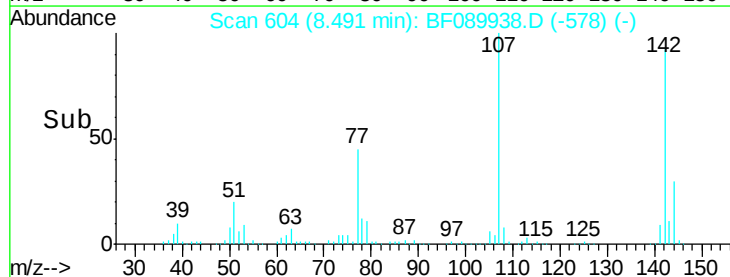
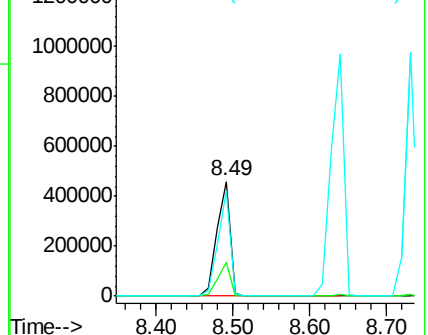
142 92.2 79.2 118.8

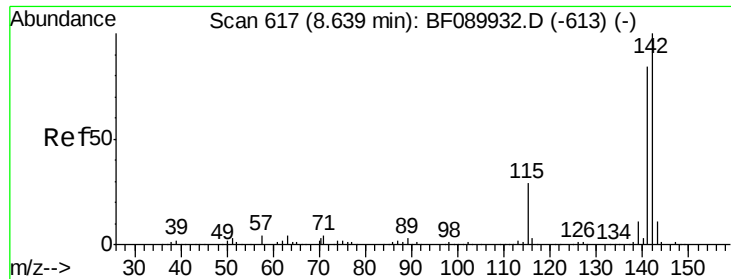


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

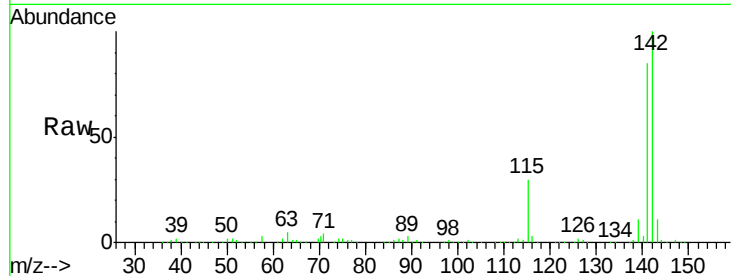




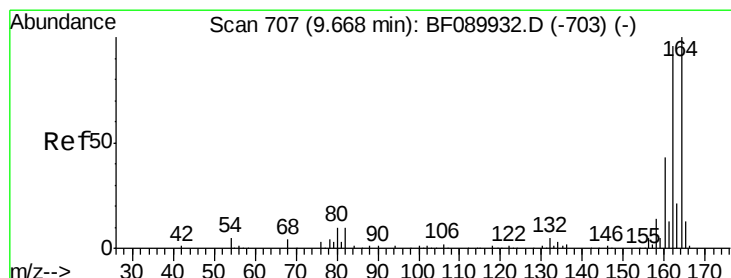
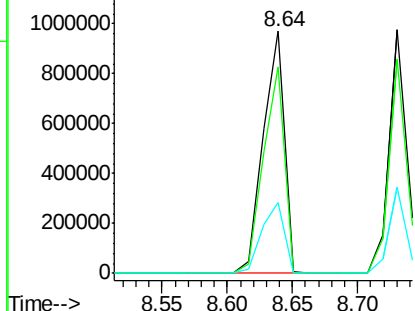
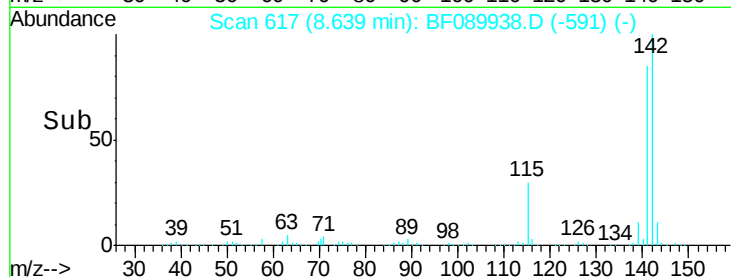
#37
 2-Methylnaphthalene
 Concen: 40.79 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 1103044
 Ion Ratio Lower Upper
 142 100
 141 85.5 68.3 102.5
 115 29.5 23.8 35.8

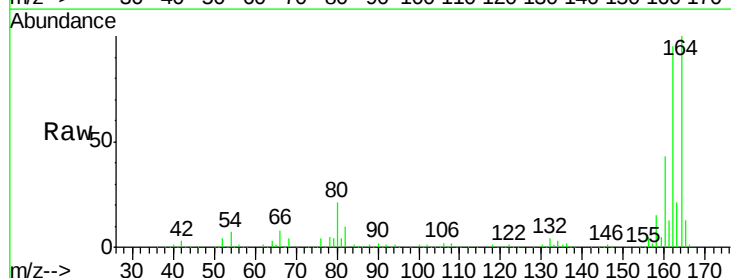


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

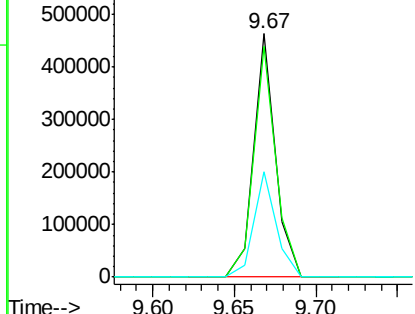
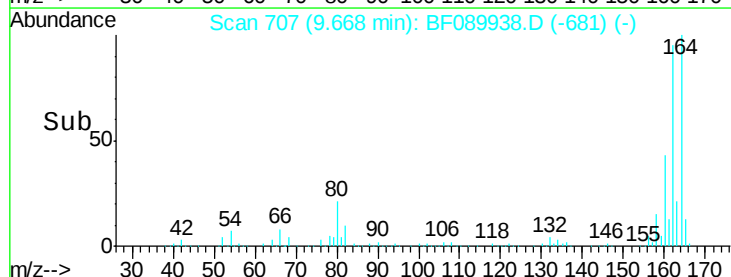


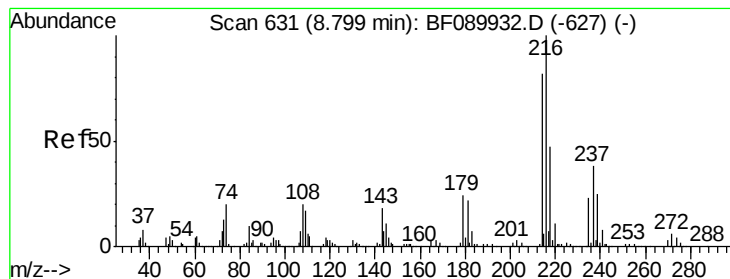
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion:164 Resp: 429626
 Ion Ratio Lower Upper
 164 100
 162 95.0 77.1 115.7
 160 43.4 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.57 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 460278

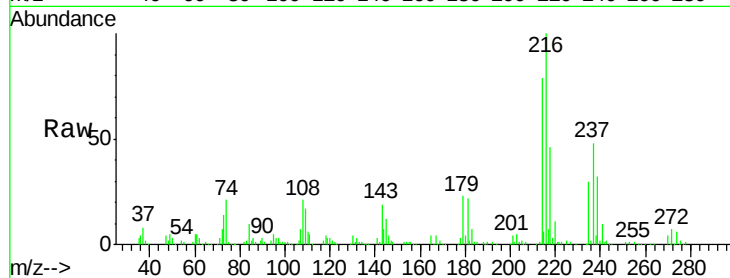
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 21.1 17.3 25.9

108 18.9 15.5 23.3

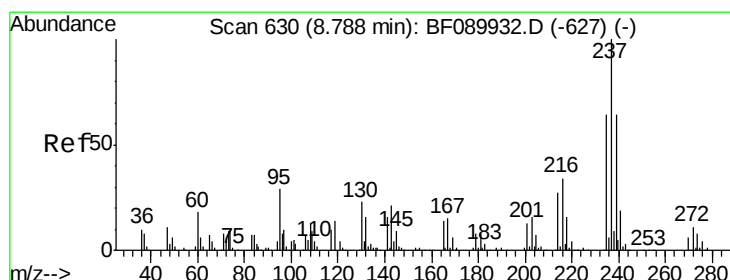
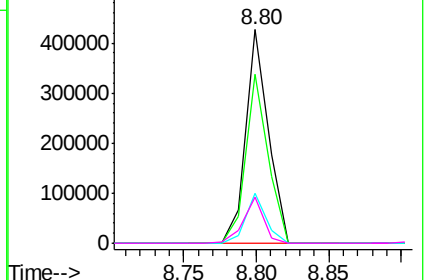
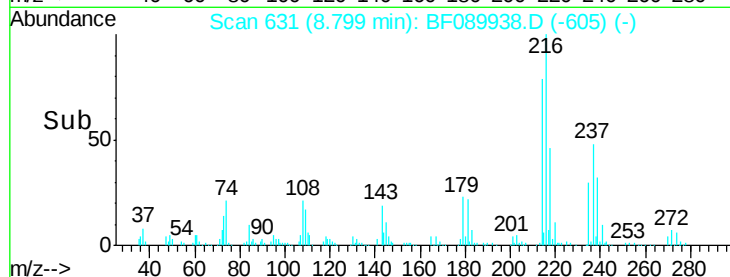


Abundance Ion 216.00 (215.70 to 216.70): E

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: 42.75 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

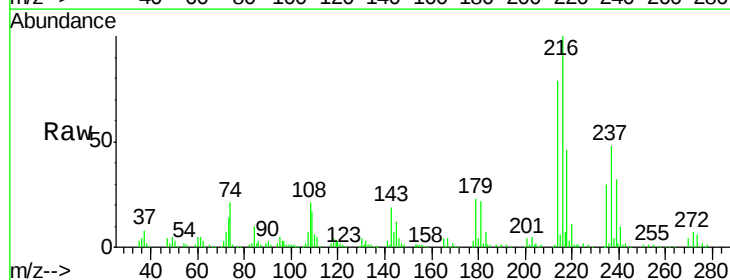
Tgt Ion:237 Resp: 275892

Ion Ratio Lower Upper

237 100

235 62.5 39.6 79.6

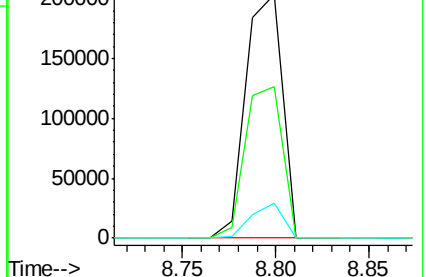
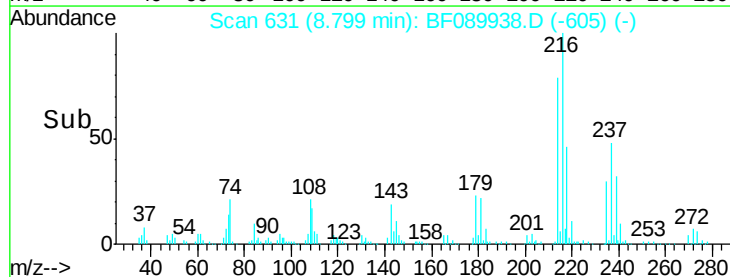
272 14.2 0.0 34.6

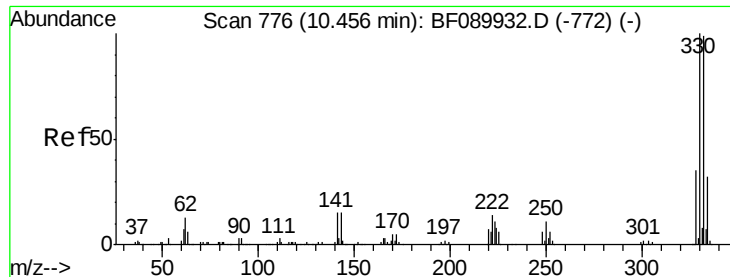


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

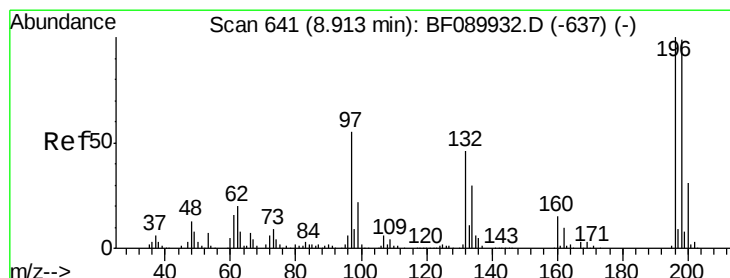
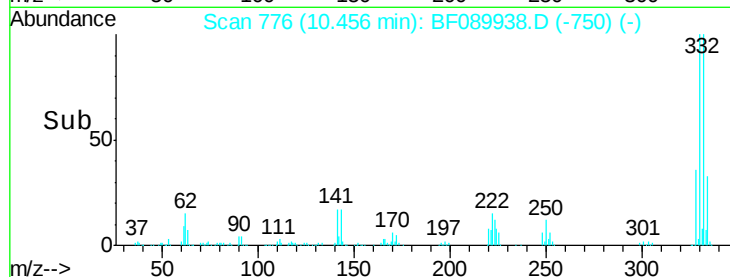
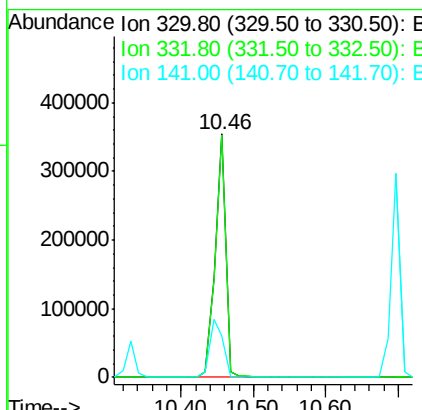
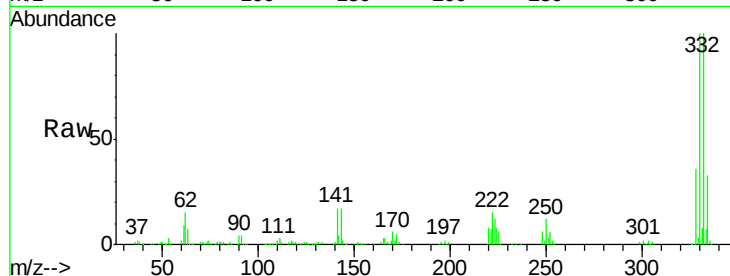




#41
 2,4,6-Tribromophenol
 Concen: 84.83 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

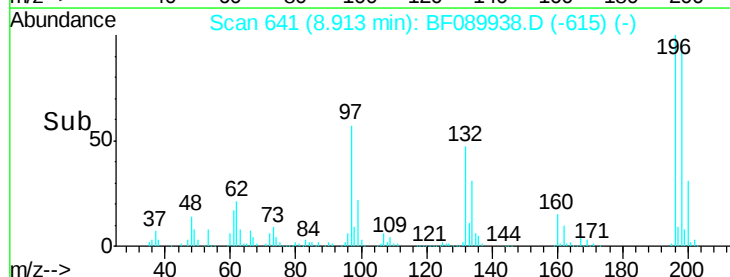
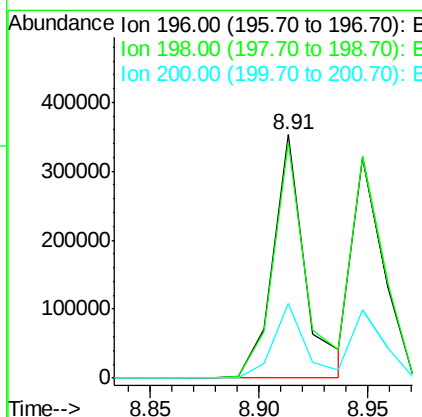
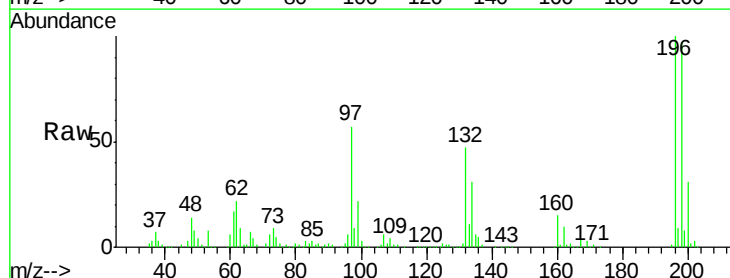
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

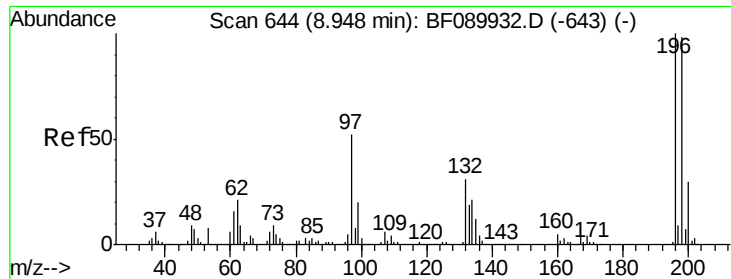
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	78.6	117.8
141	29.8	23.3	34.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.86 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	78.3	117.5
200	30.8	24.8	37.2

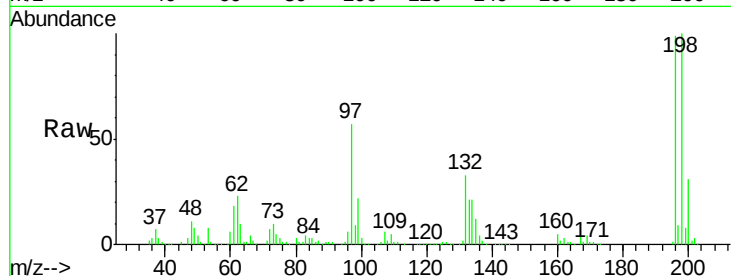




#43
 2,4,5-Trichlorophenol
 Concen: 37.82 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.8	80.8	121.2
97	57.1	44.2	66.4
132	33.4	25.8	38.6



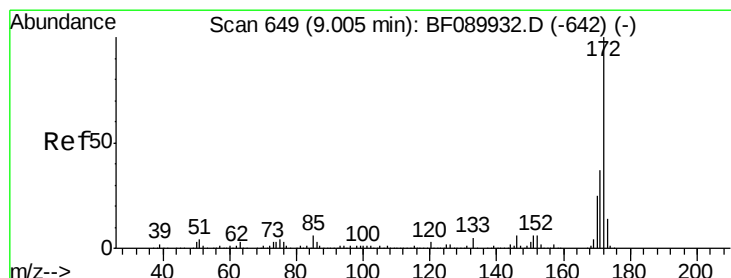
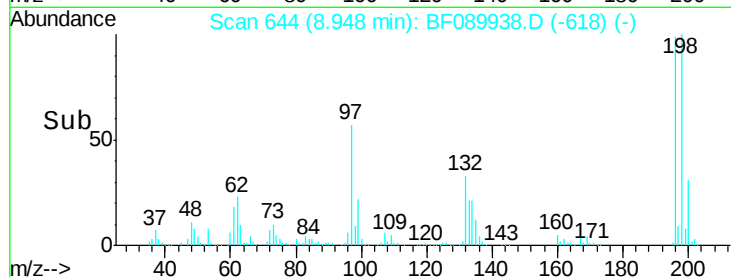
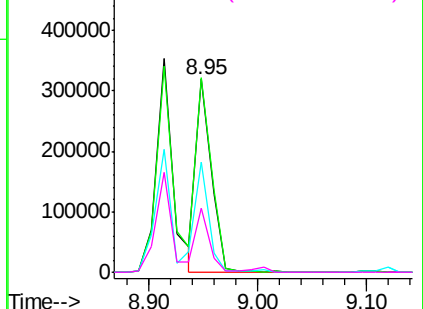
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

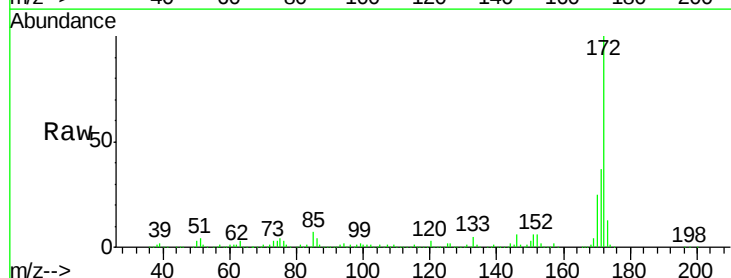
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.24 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.2
170	25.2	20.1	30.1

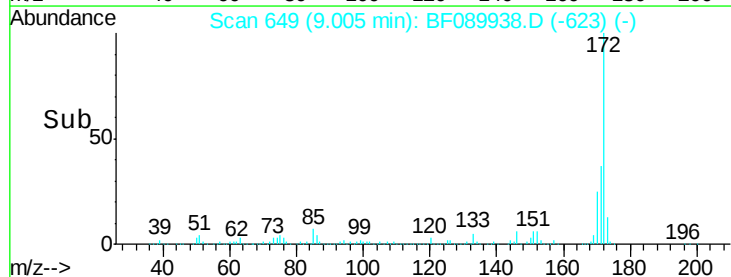
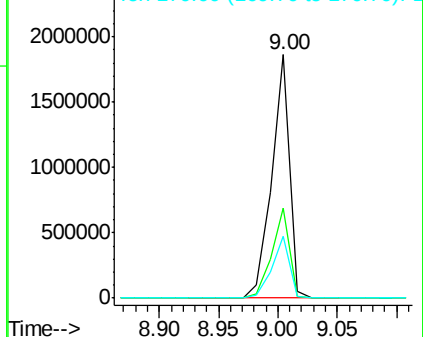


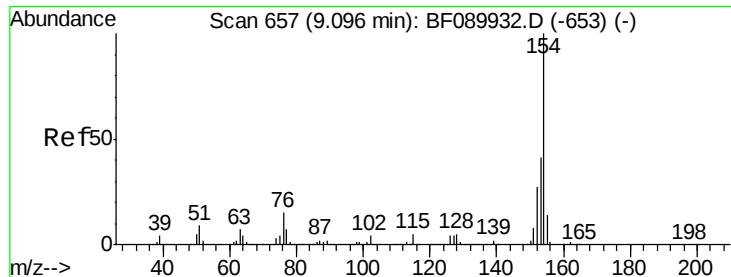
Abundance

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: 37.07 ng

RT: 9.10 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

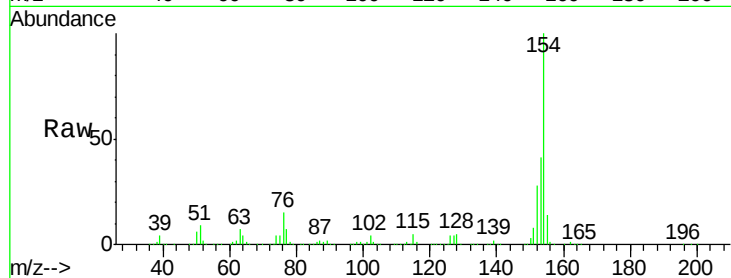
Tot Ion:154 Resp: 1282280

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

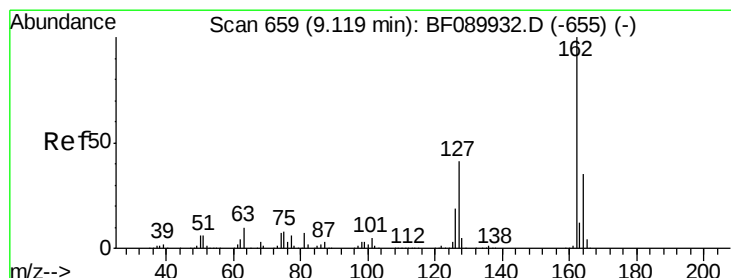
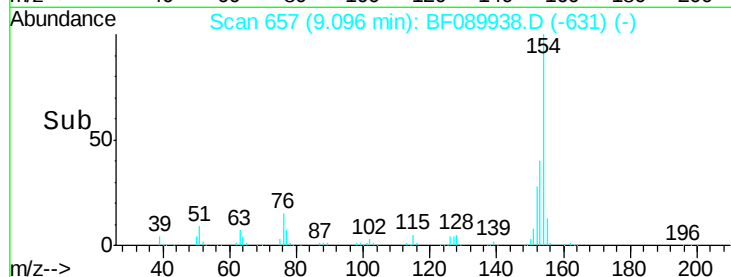
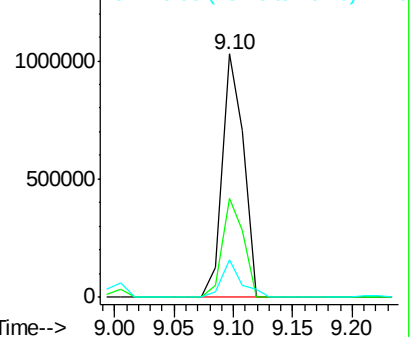
76 15.3 0.0 34.9



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: 37.96 ng

RT: 9.12 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

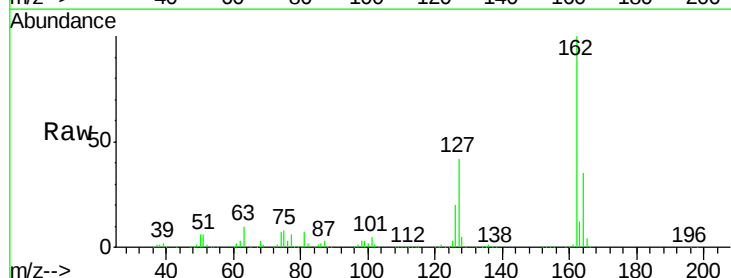
Tgt Ion:162 Resp: 928847

Ion Ratio Lower Upper

162 100

127 42.3 33.5 50.3

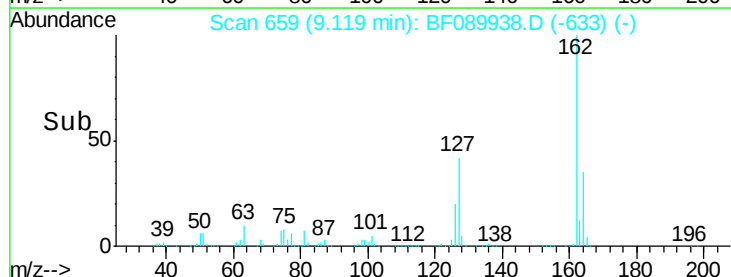
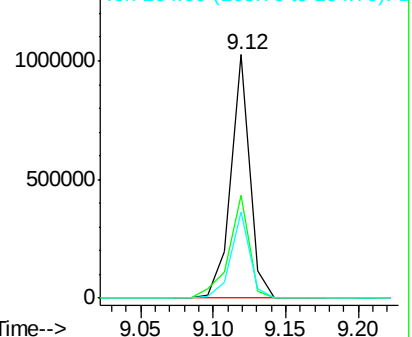
164 35.2 28.2 42.4

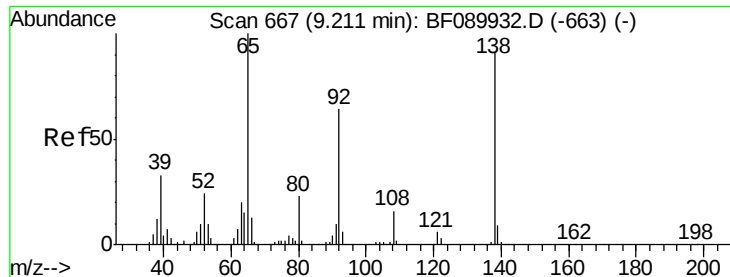


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

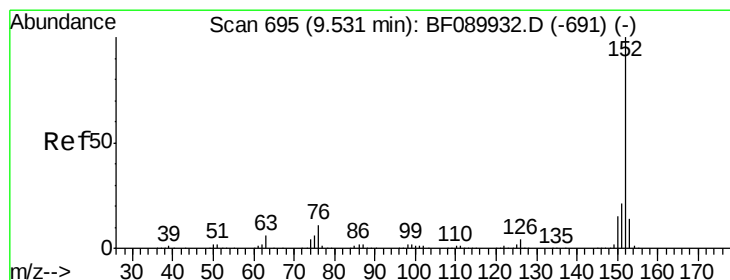
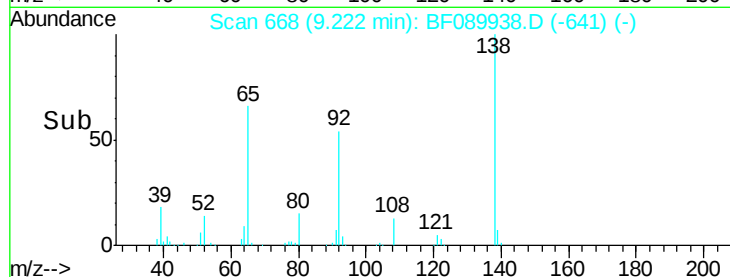
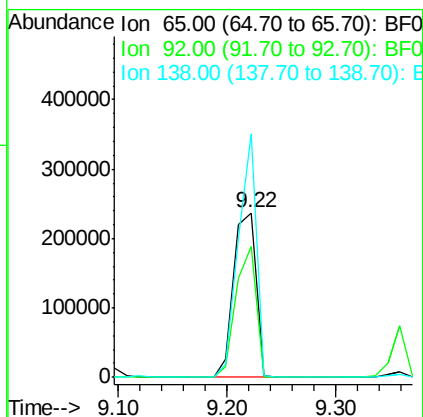
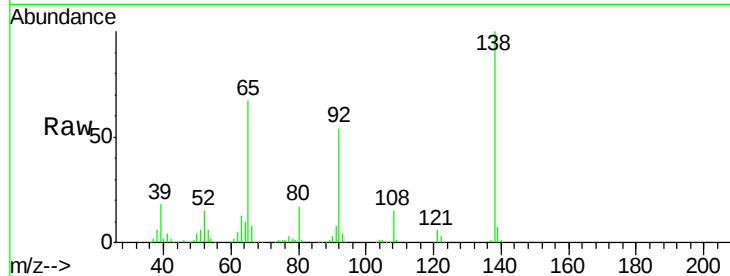




#47
2-Nitroaniline
Concen: 41.83 ng
RT: 9.22 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

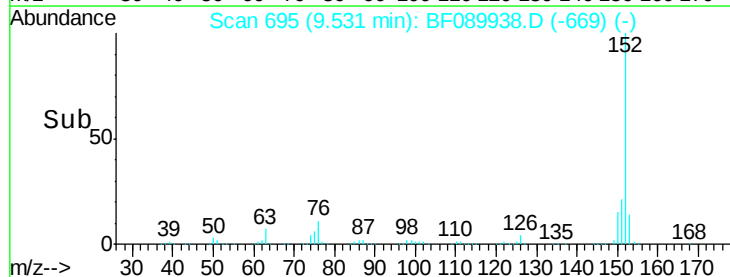
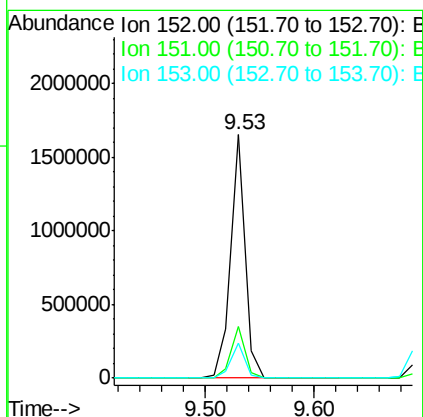
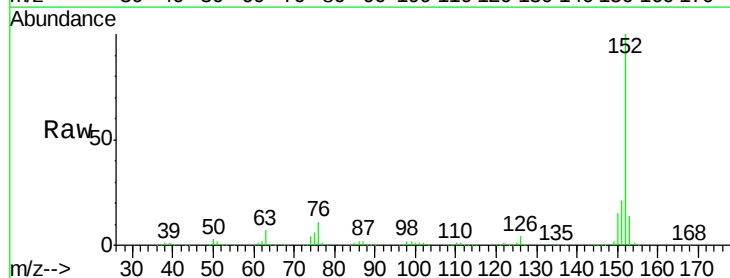
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

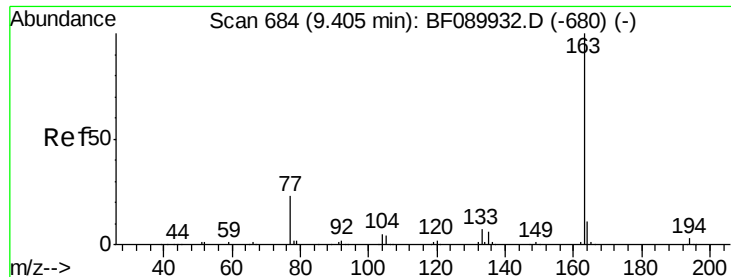
Tot Ion: 65 Resp: 334582
Ion Ratio Lower Upper
65 100
92 79.7 52.0 78.0#
138 148.2 72.1 108.1#



#48
Acenaphthylene
Concen: 37.40 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion: 152 Resp: 1513360
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1
153 14.4 11.6 17.4

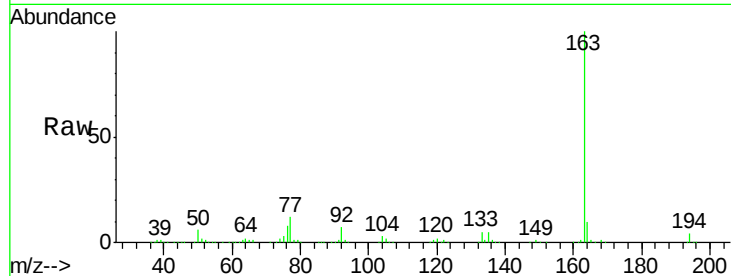




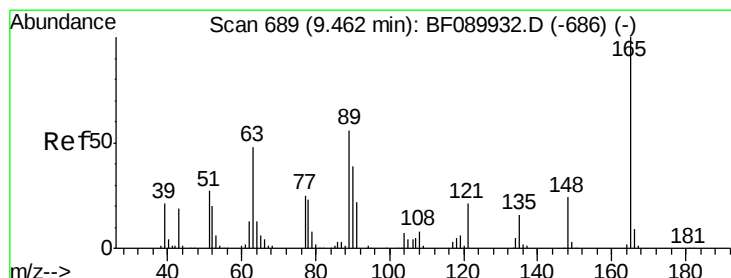
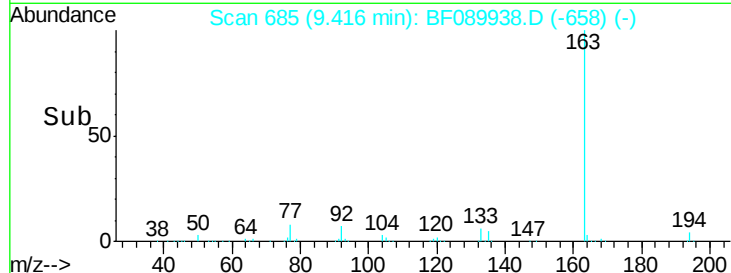
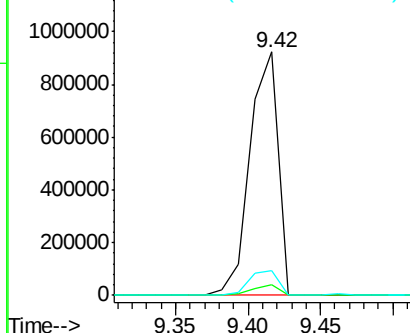
#49
Dimethylphthalate
Concen: 40.00 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 1242081
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.3 9.0 13.4

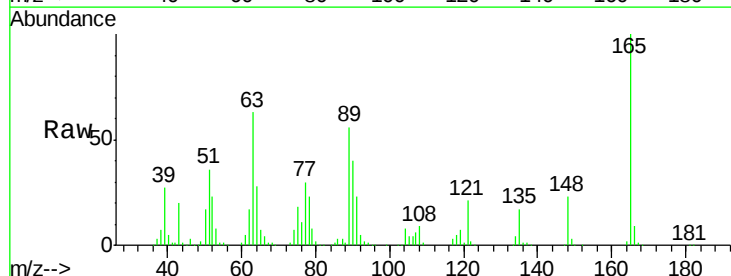


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

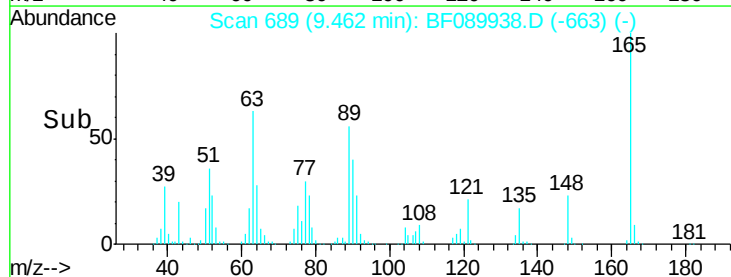
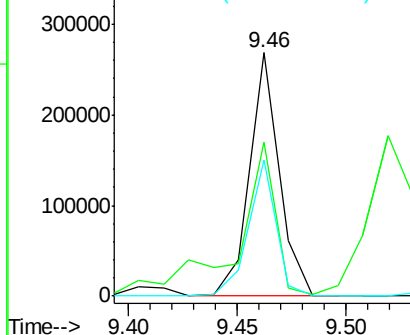


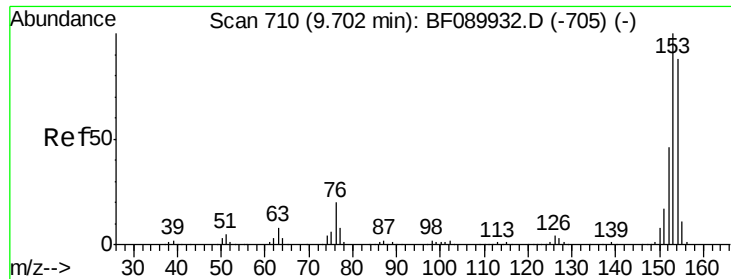
#50
2,6-Dinitrotoluene
Concen: 36.93 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion:165 Resp: 255029
Ion Ratio Lower Upper
165 100
63 63.2 45.0 67.4
89 55.9 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: 36.66 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

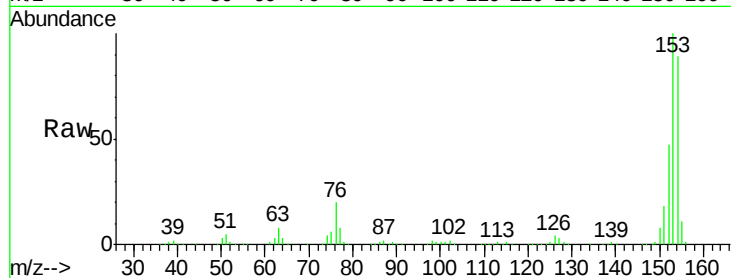
Tot Ion:154 Resp: 939811

Ion Ratio Lower Upper

154 100

153 112.5 90.6 135.8

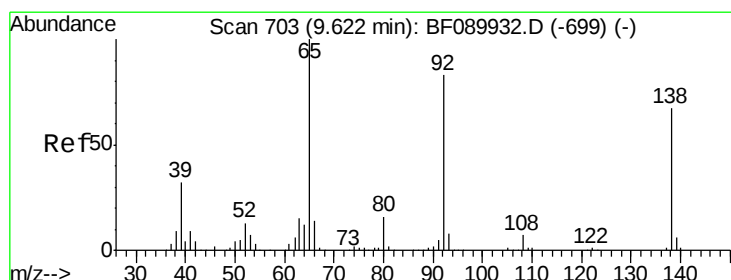
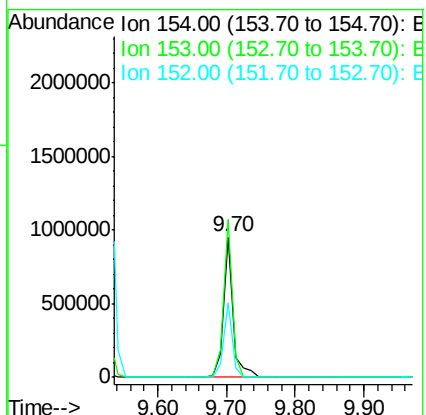
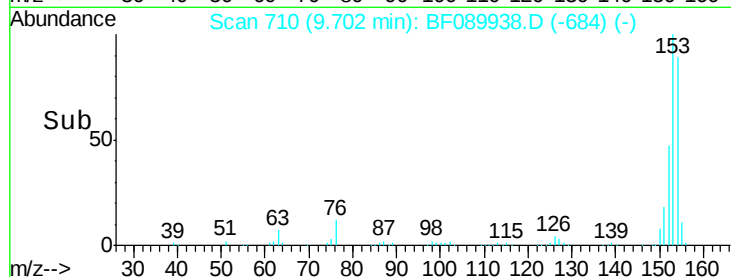
152 53.0 42.4 63.6



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: 44.79 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

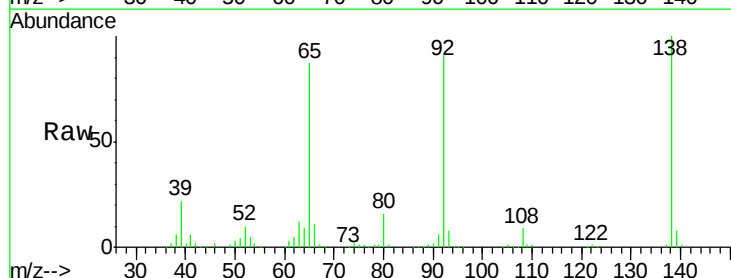
Tgt Ion:138 Resp: 352778

Ion Ratio Lower Upper

138 100

108 8.6 8.3 12.5

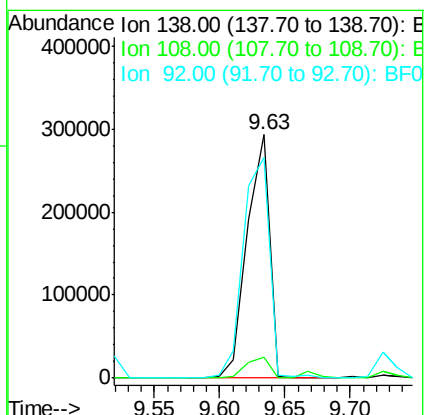
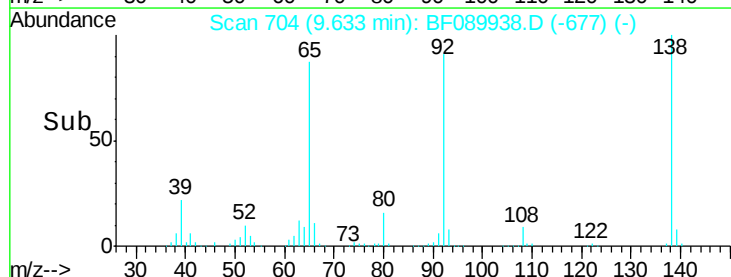
92 90.7 99.1 148.7#

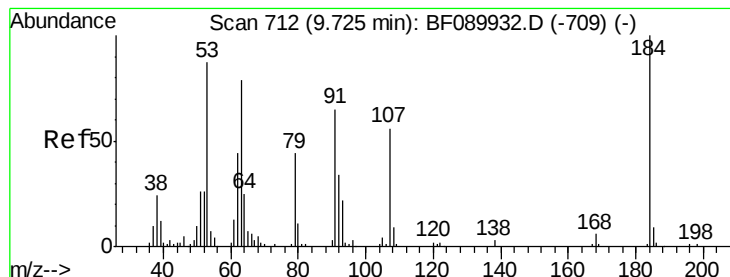


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 40.39 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

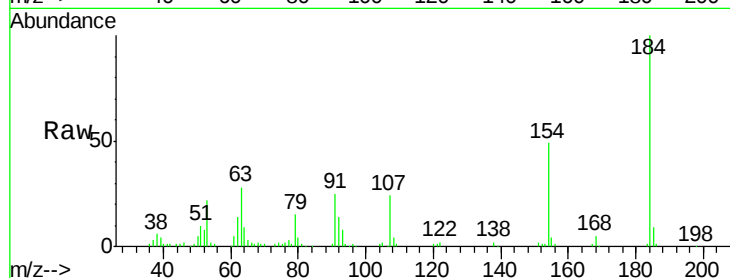
Tot Ion:184 Resp: 138191

Ion Ratio Lower Upper

184 100

63 27.7 73.9 110.9#

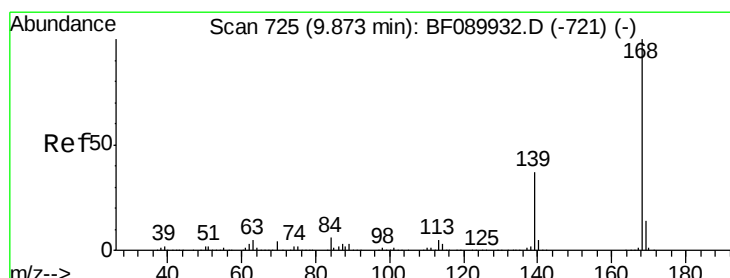
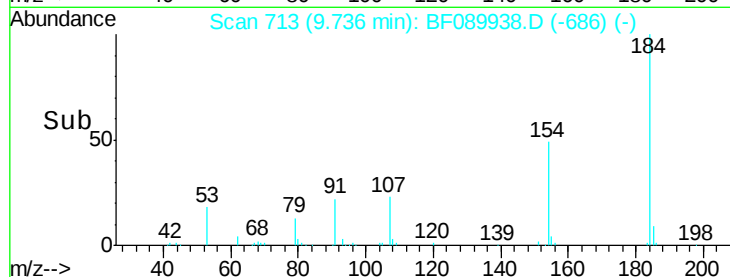
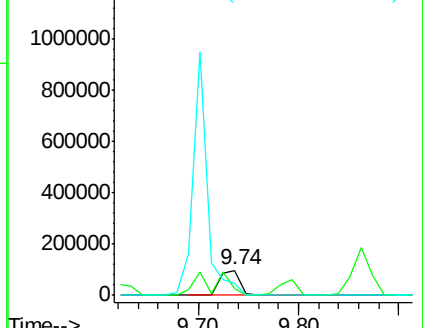
154 49.3 53.5 80.3#



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: 37.98 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

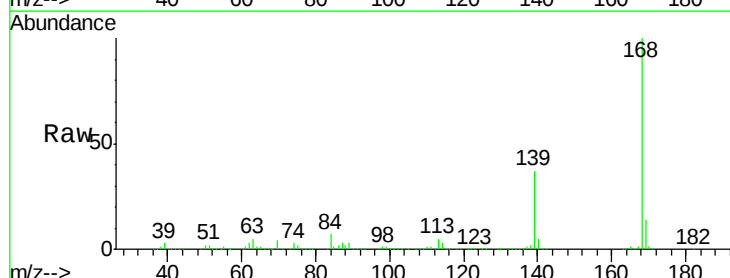
Tgt Ion:168 Resp: 1304710

Ion Ratio Lower Upper

168 100

139 37.3 29.5 44.3

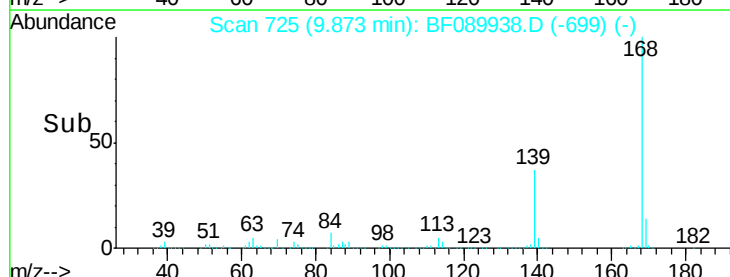
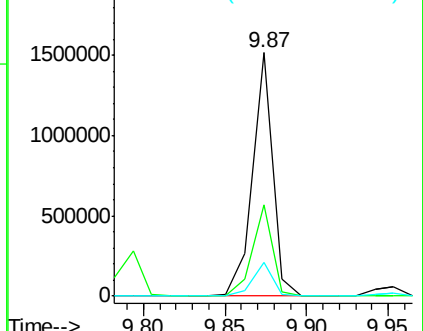
169 13.8 10.8 16.2

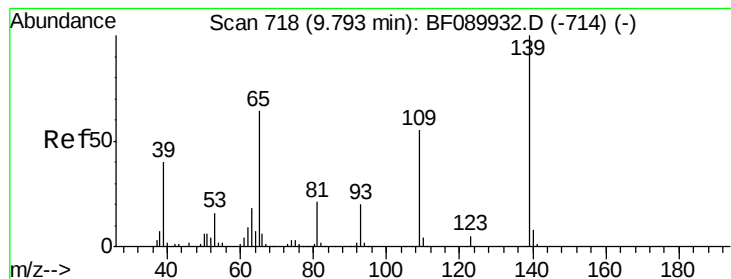


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 48.19 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

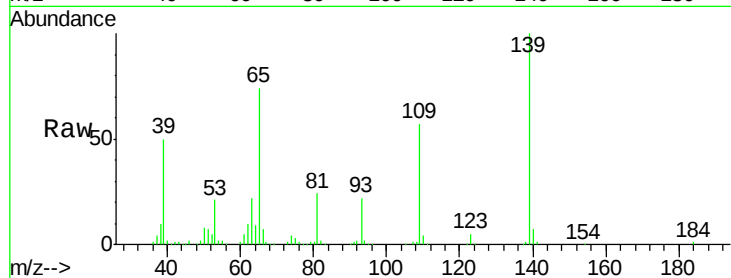
Tot Ion:139 Resp: 286284

Ion Ratio Lower Upper

139 100

109 56.9 31.3 71.3

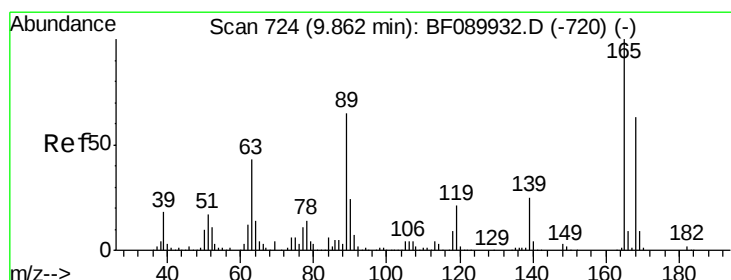
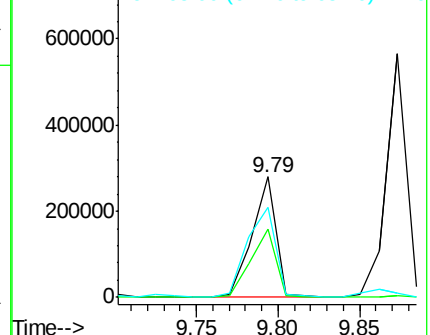
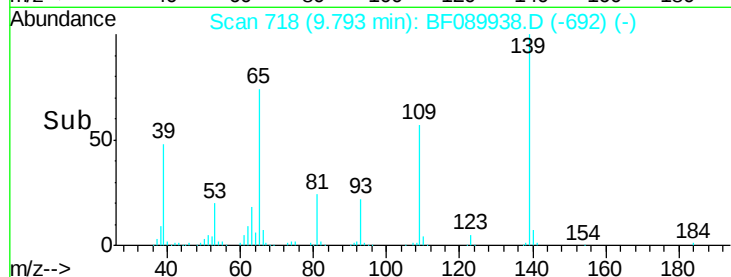
65 74.4 38.5 78.5



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: 42.02 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Tgt Ion:165 Resp: 367984

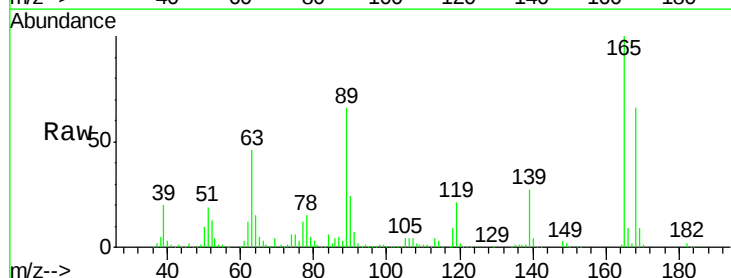
Ion Ratio Lower Upper

165 100

63 46.0 32.5 48.7

89 65.7 48.3 72.5

182 2.1 1.7 2.5

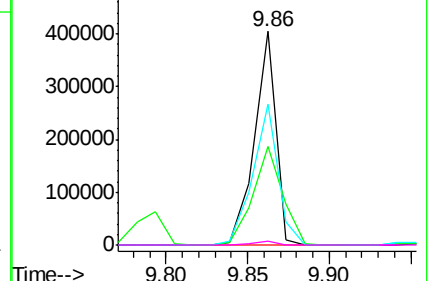
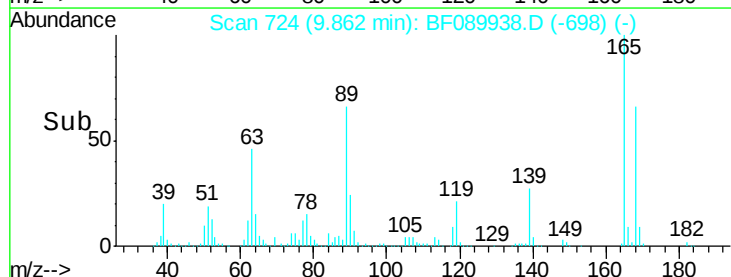


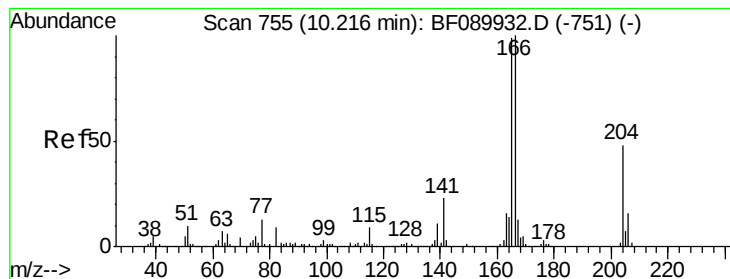
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.15 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

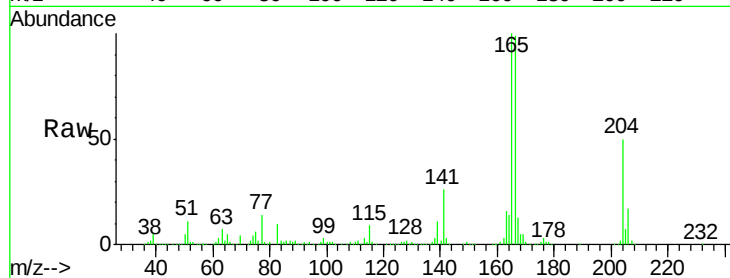
Tot Ion:166 Resp: 1032871

Ion Ratio Lower Upper

166 100

165 100.8 78.6 118.0

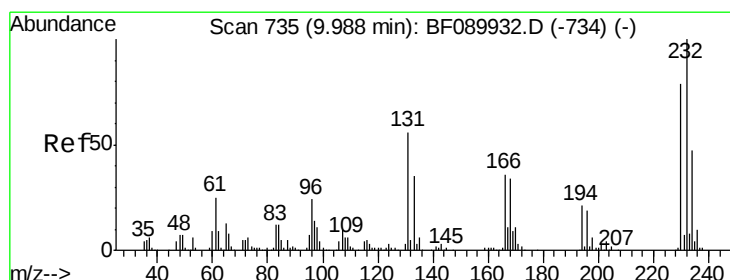
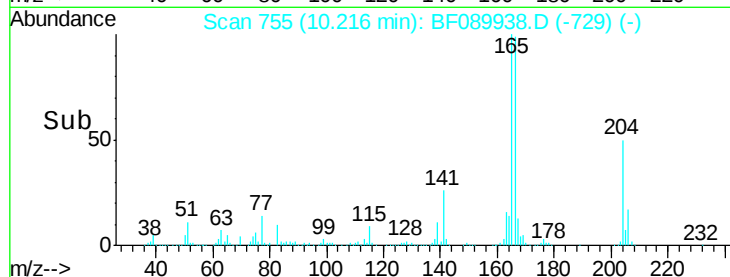
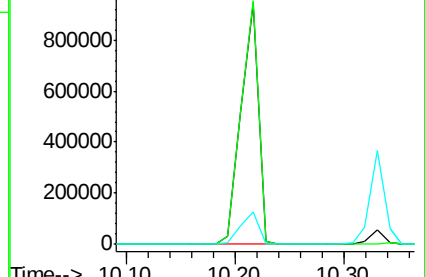
167 13.6 10.6 15.8



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: 38.42 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Tgt Ion:232 Resp: 275850

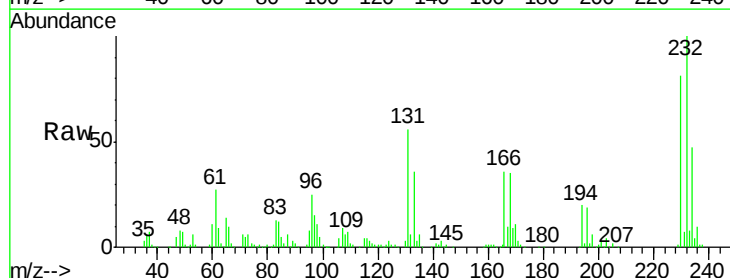
Ion Ratio Lower Upper

232 100

131 44.4 36.3 54.5

130 2.0 1.7 2.5

166 29.6 24.4 36.6

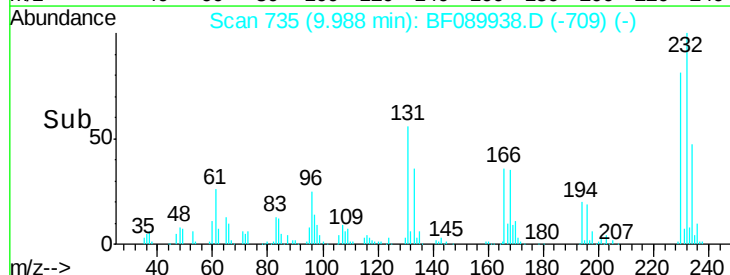
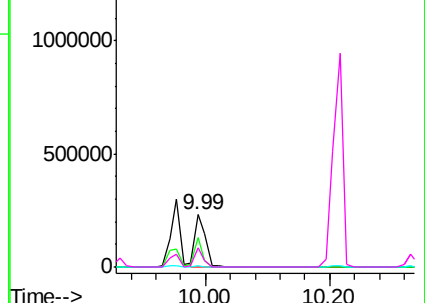


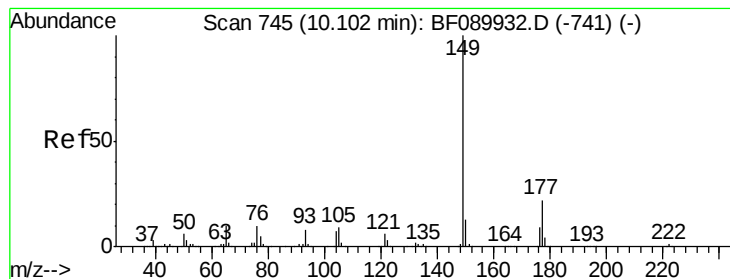
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.15 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

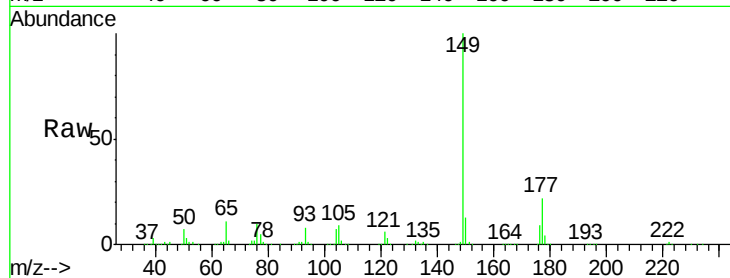
Tot Ion:149 Resp: 1143659

Ion Ratio Lower Upper

149 100

177 22.4 17.7 26.5

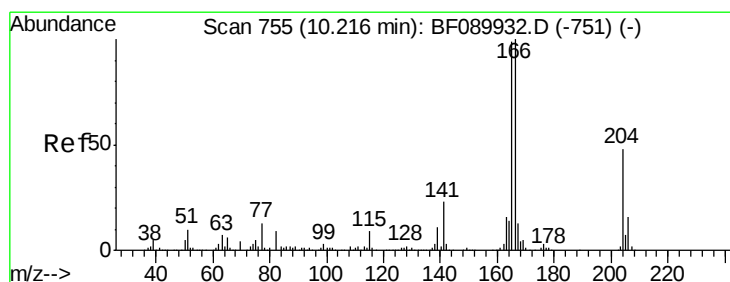
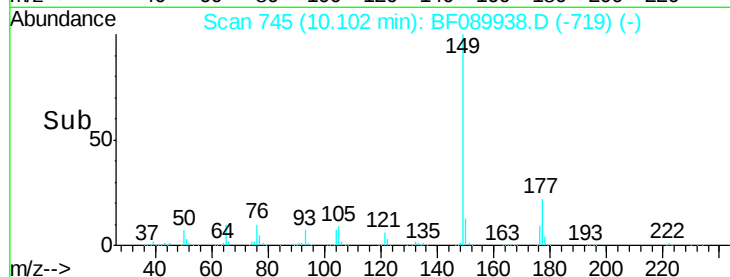
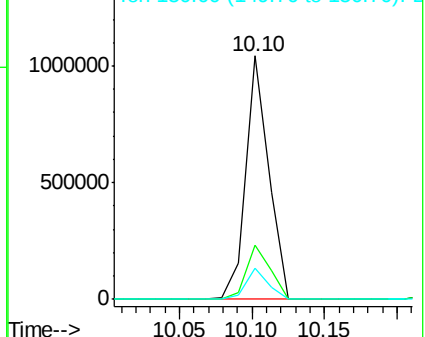
150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.45 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

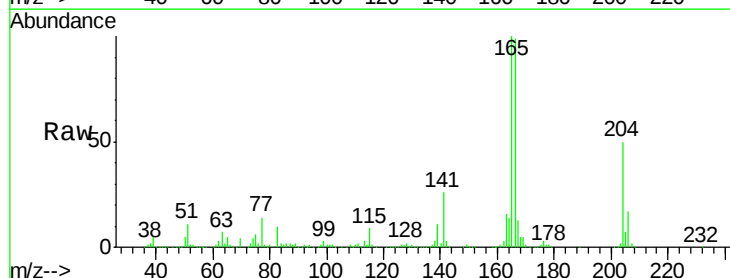
Tgt Ion:204 Resp: 489630

Ion Ratio Lower Upper

204 100

206 33.8 26.6 40.0

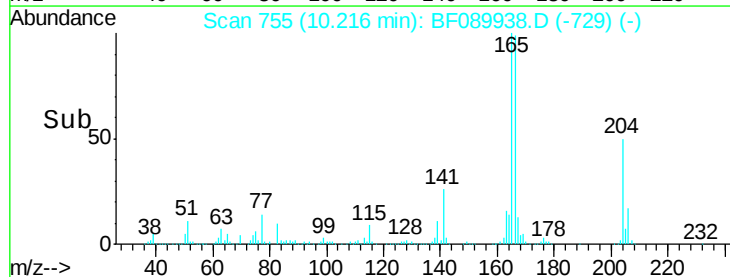
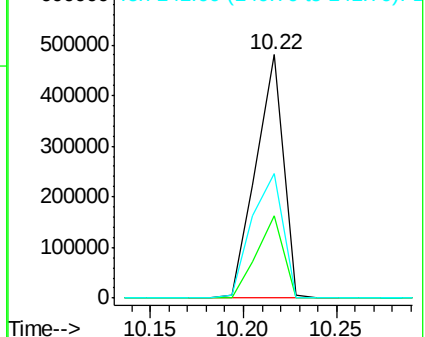
141 51.0 36.5 54.7

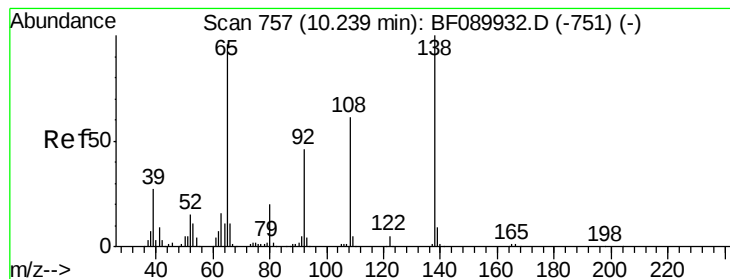


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.20 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

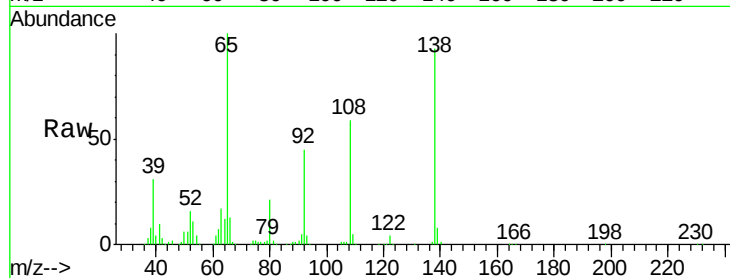
Tot Ion:138 Resp: 318836

Ion Ratio Lower Upper

138 100

92 48.7 21.2 61.2

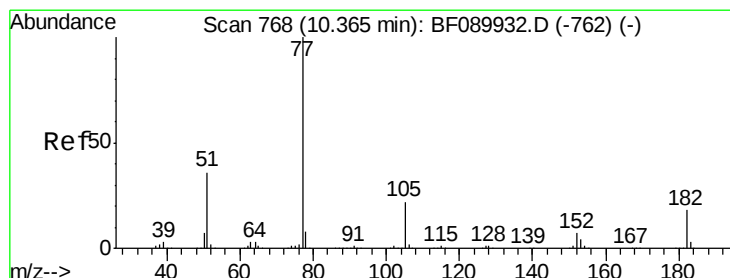
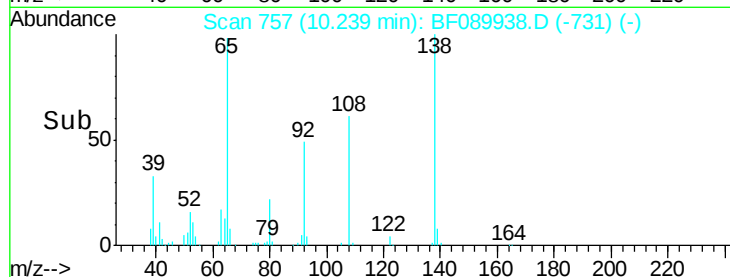
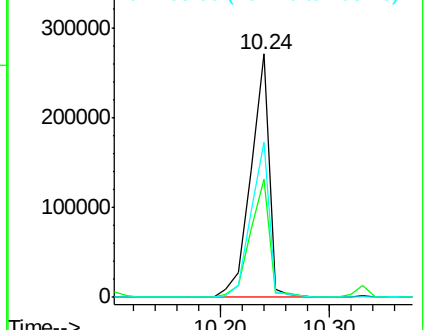
108 63.7 37.7 77.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.02 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Tgt Ion: 77 Resp: 1138519

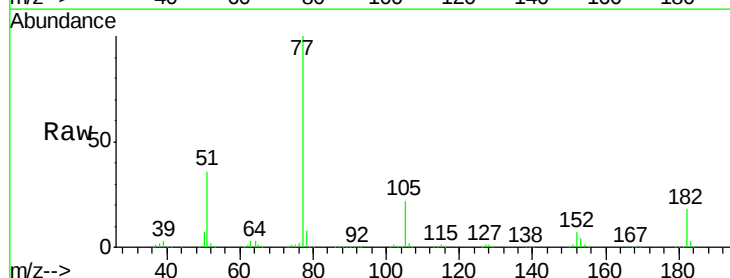
Ion Ratio Lower Upper

77 100

182 17.6 0.0 38.6

105 22.1 2.3 42.3

51 35.6 15.1 55.1

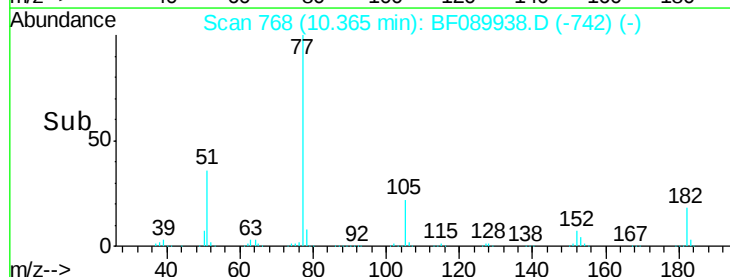
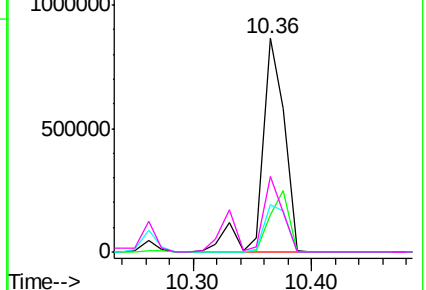


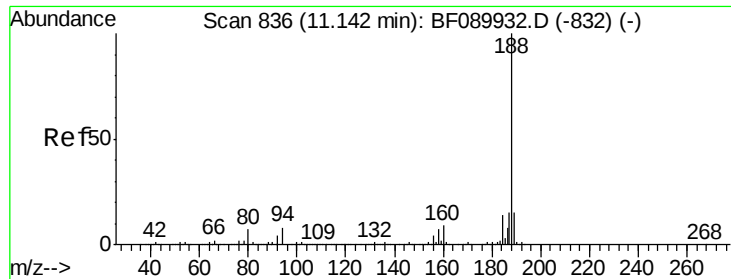
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

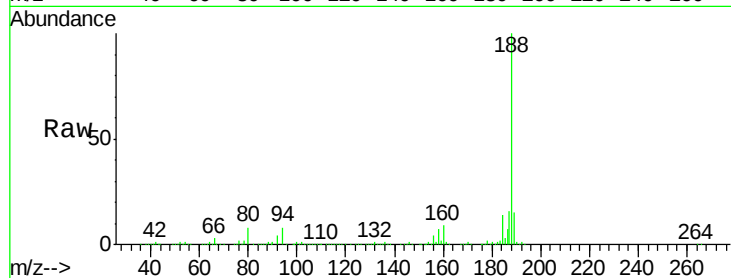




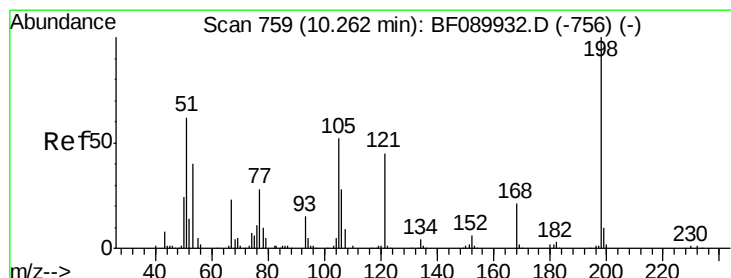
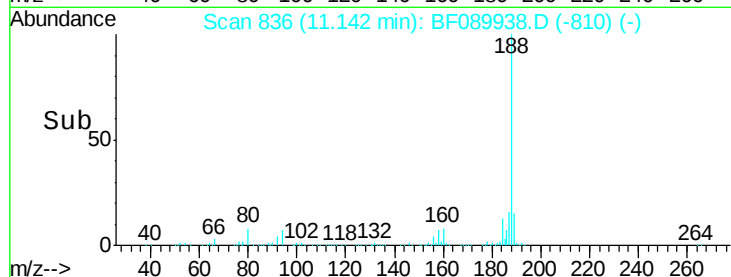
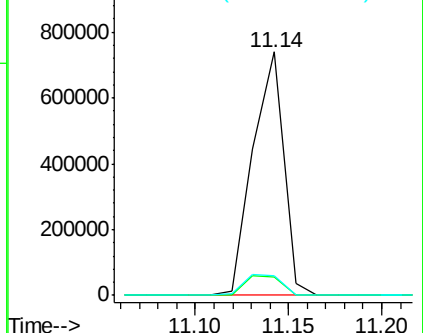
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 847662
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 7.8 5.8 8.8

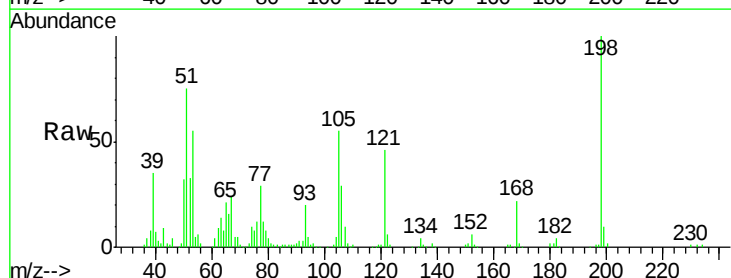


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

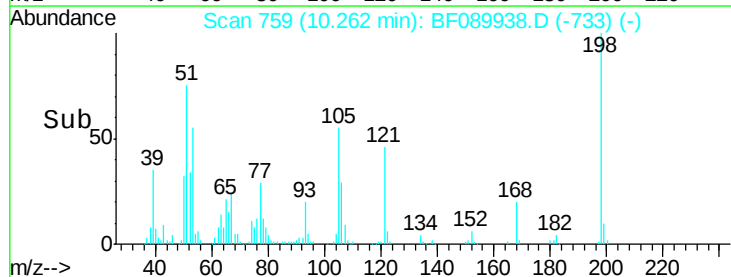
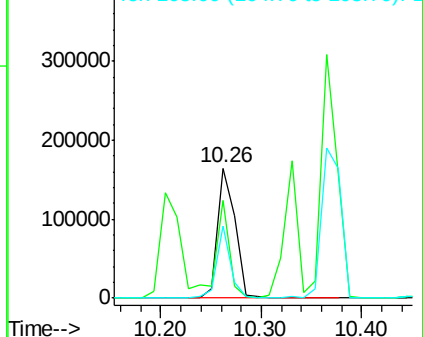


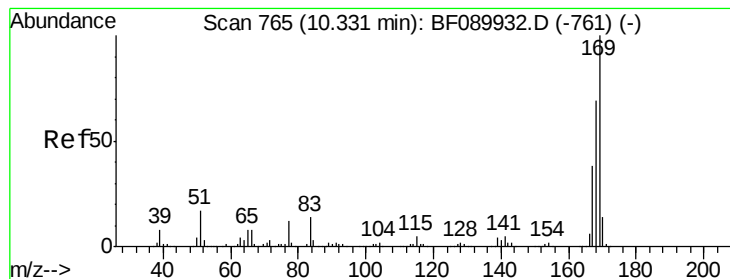
#64
4,6-Dinitro-2-methylphenol
Concen: 36.53 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion:198 Resp: 198229
Ion Ratio Lower Upper
198 100
51 74.8 43.0 83.0
105 55.1 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: 35.39 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

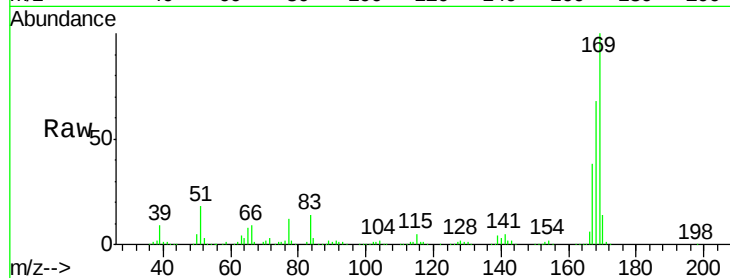
Tot Ion:169 Resp: 901970

Ion Ratio Lower Upper

169 100

168 68.0 55.0 82.4

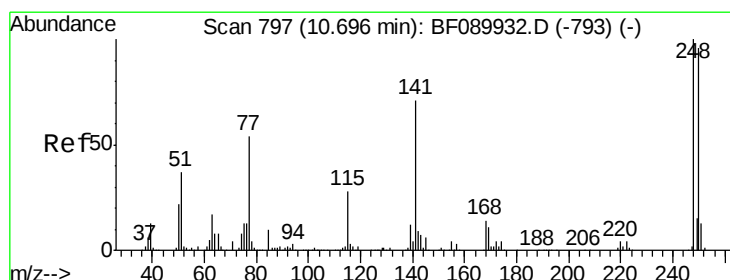
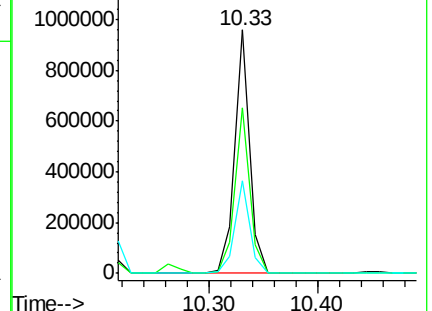
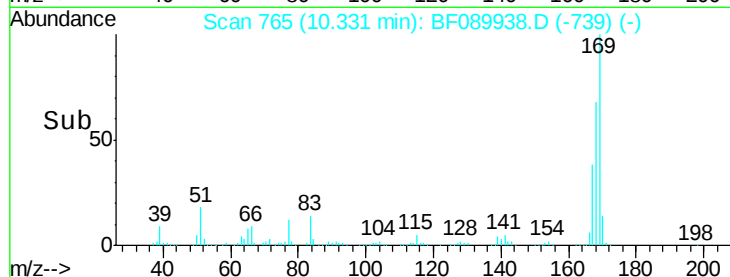
167 38.3 30.5 45.7



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: 38.28 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

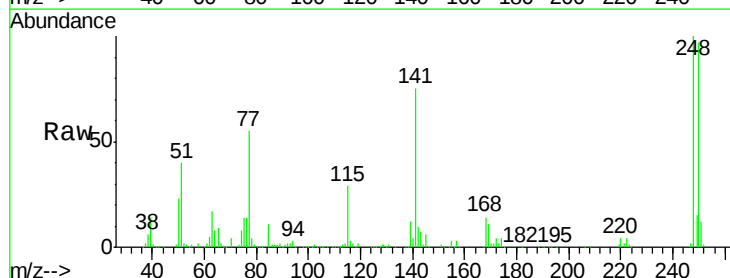
Tgt Ion:248 Resp: 326626

Ion Ratio Lower Upper

248 100

250 97.0 77.3 115.9

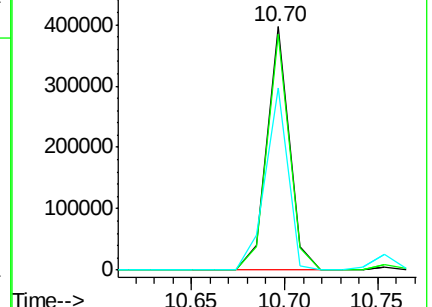
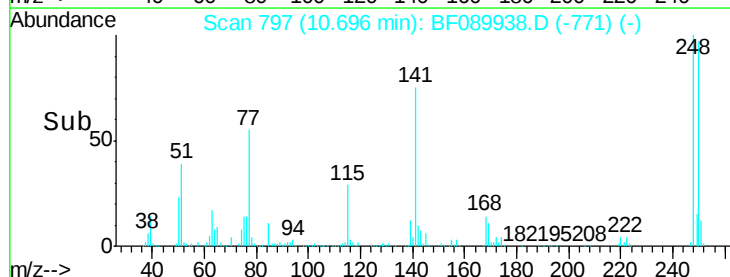
141 75.0 55.8 83.8

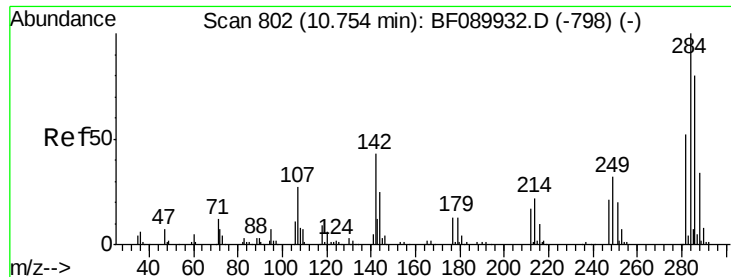


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.99 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

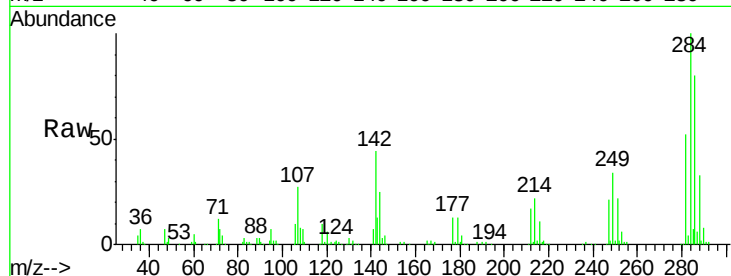
Tot Ion:284 Resp: 350790

Ion Ratio Lower Upper

284 100

142 44.1 32.7 49.1

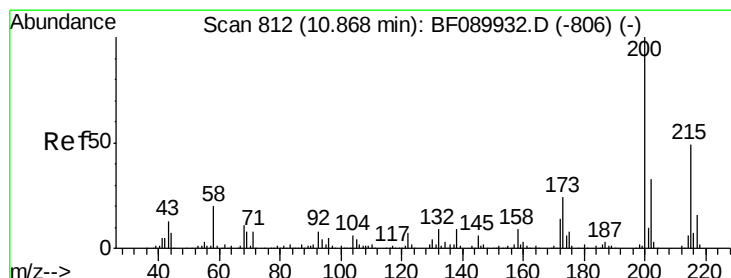
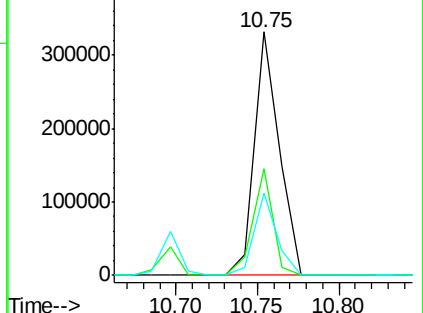
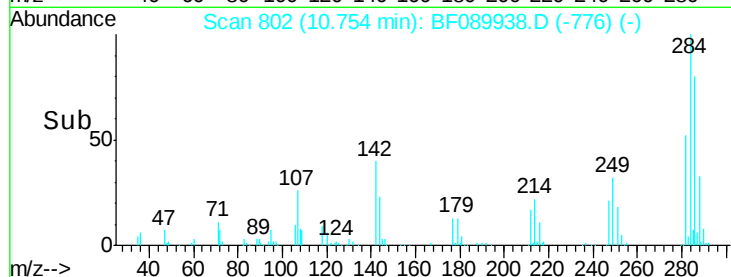
249 33.7 26.9 40.3



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: 41.89 ng

RT: 10.87 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

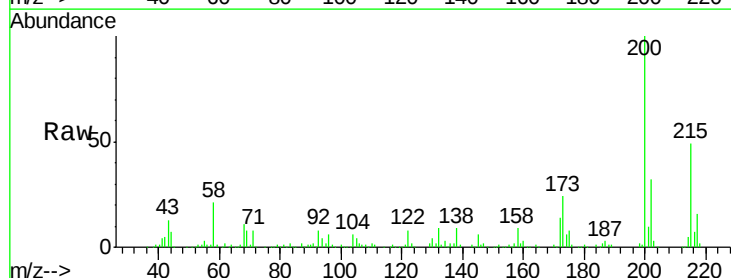
Tgt Ion:200 Resp: 356393

Ion Ratio Lower Upper

200 100

173 23.8 9.4 49.4

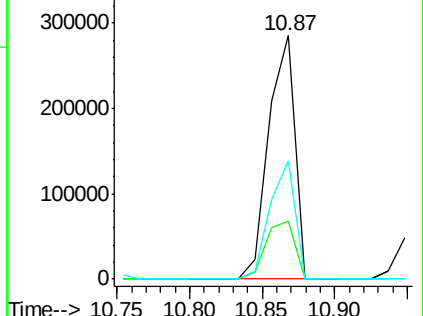
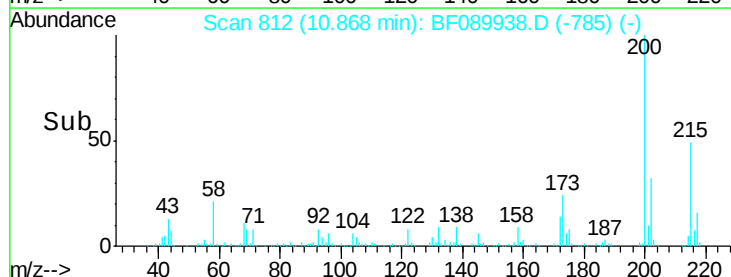
215 48.6 24.5 64.5

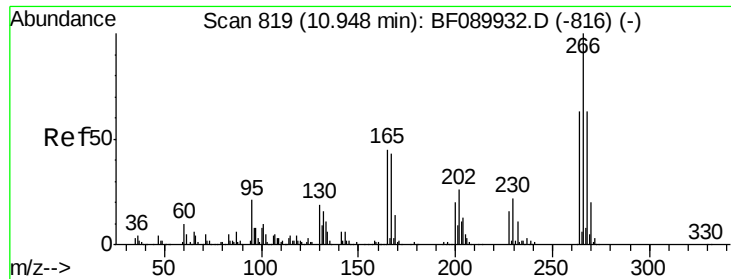


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

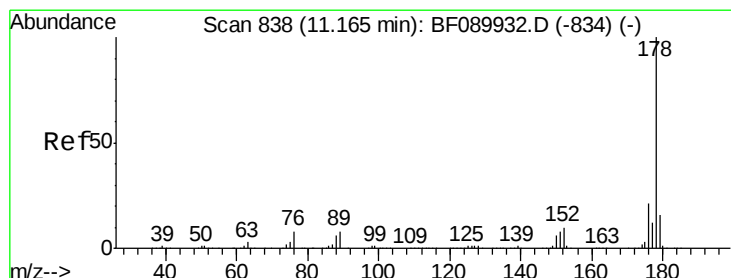
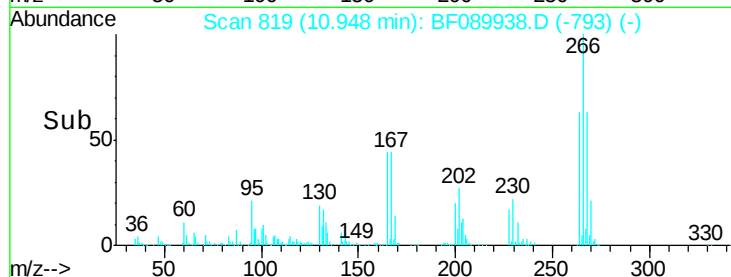
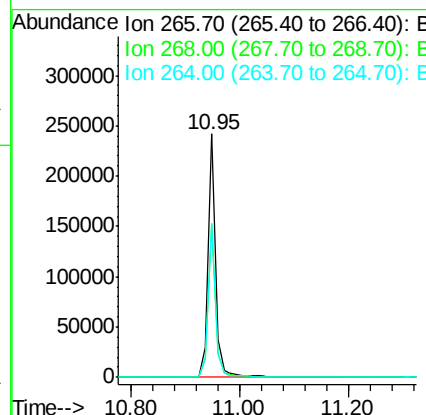
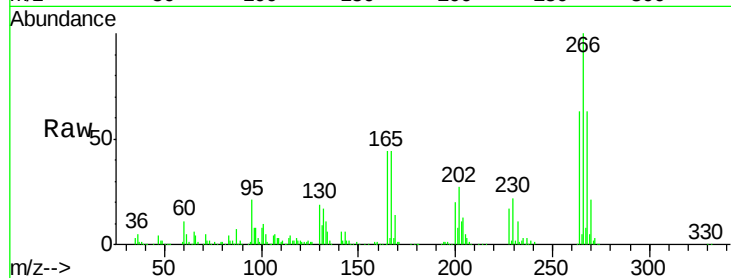




#69
 Pentachlorophenol
 Concen: 43.69 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

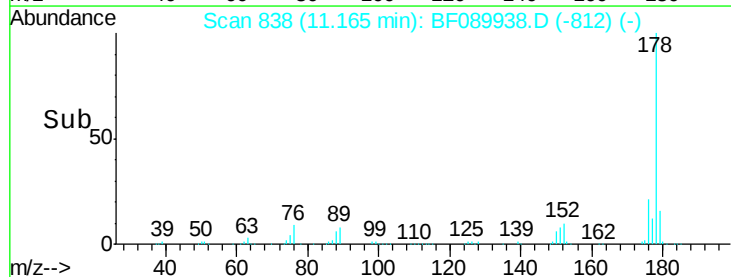
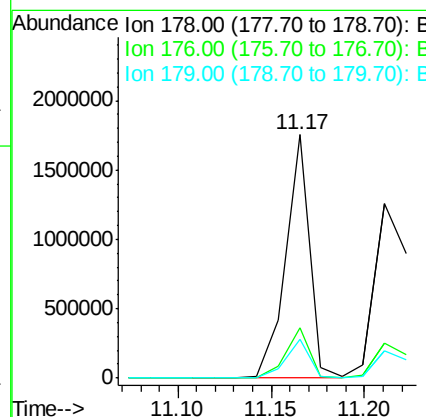
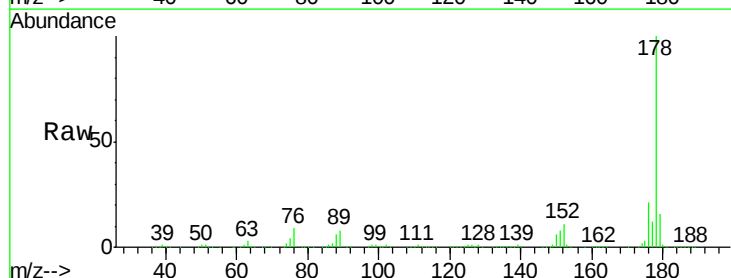
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

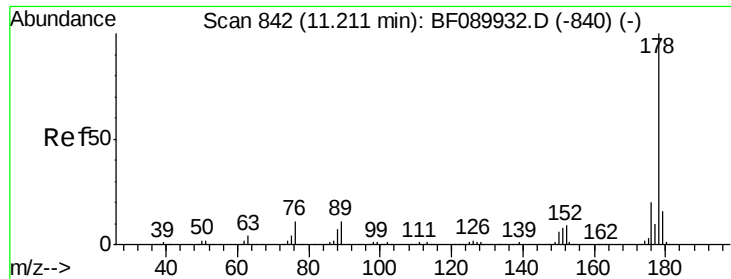
Tot Ion:266 Resp: 229107
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.0 76.6
 264 63.5 50.6 75.8



#70
 Phenanthrene
 Concen: 36.85 ng
 RT: 11.17 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion:178 Resp: 1555387
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.5 24.7
 179 15.8 12.8 19.2

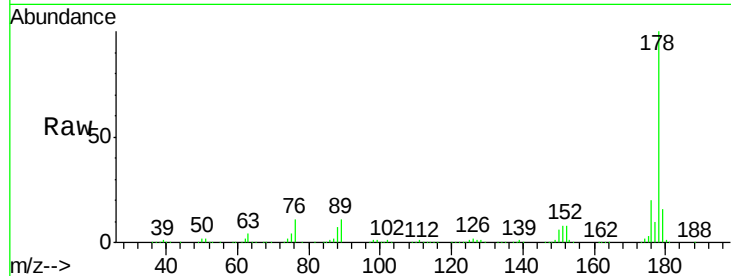




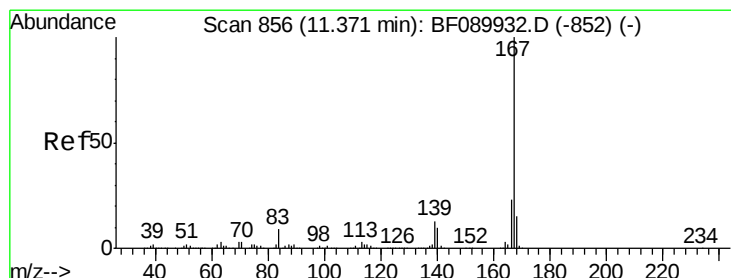
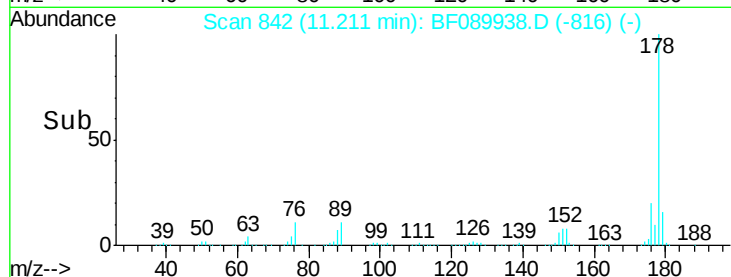
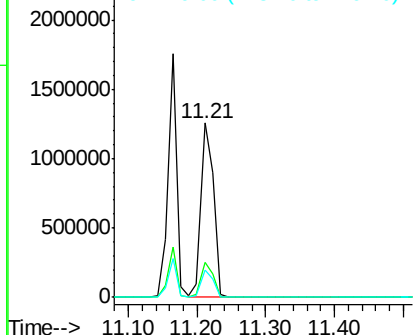
#71
 Anthracene
 Concen: 36.72 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1571919
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 16.0 13.0 19.4

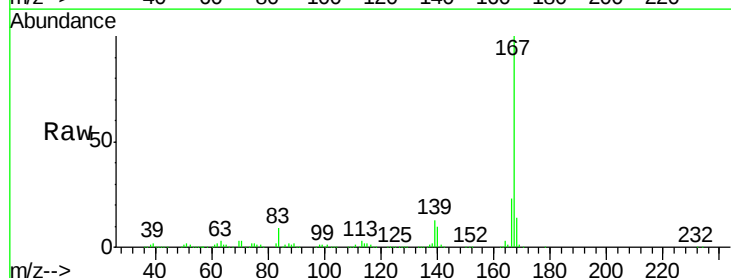


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

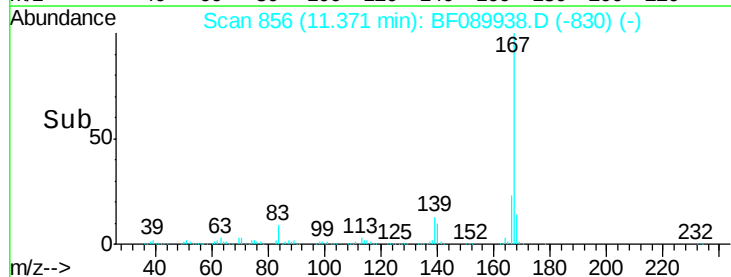
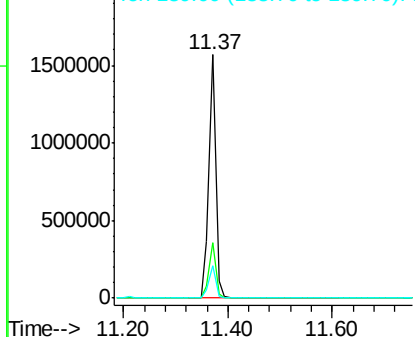


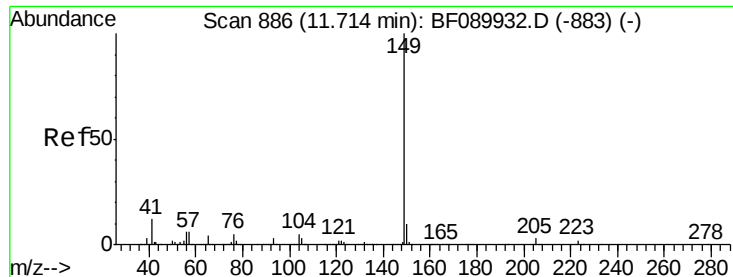
#72
 Carbazole
 Concen: 35.39 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion:167 Resp: 1420932
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 13.4 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.10 ng

RT: 11.71 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

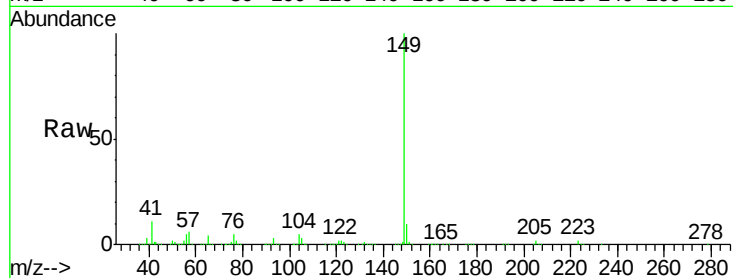
Tot Ion:149 Resp: 1829617

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

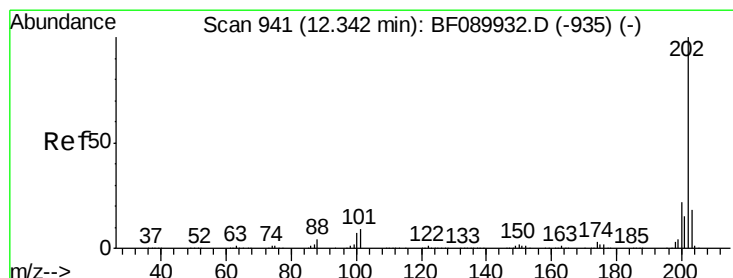
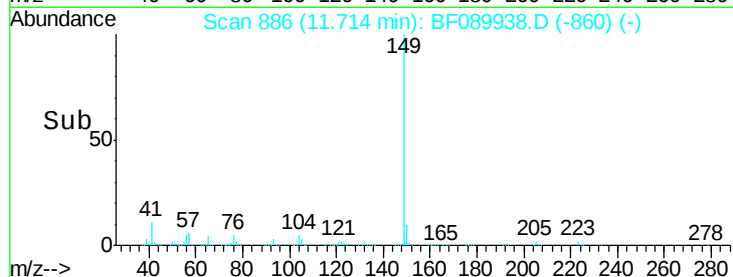
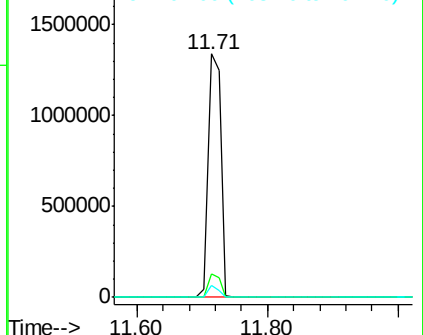
104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.36 ng

RT: 12.34 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

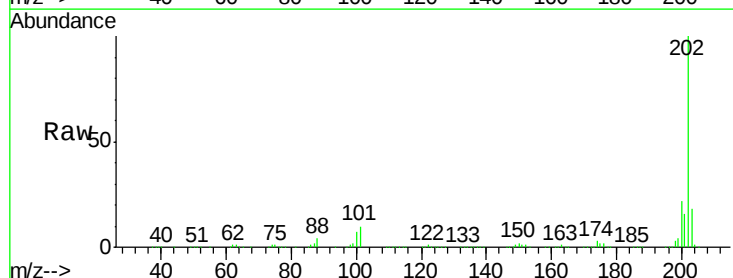
Tgt Ion:202 Resp: 1741290

Ion Ratio Lower Upper

202 100

101 9.6 0.0 28.5

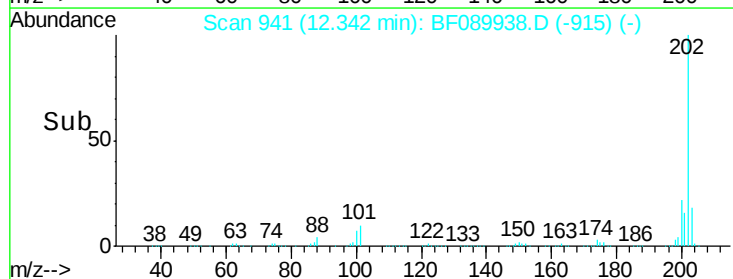
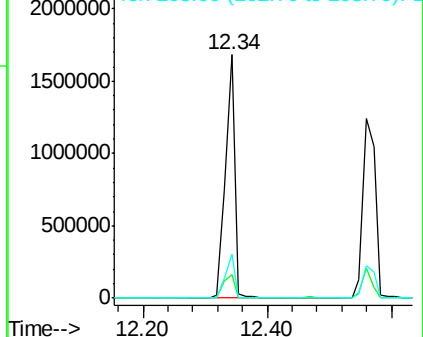
203 18.0 0.0 38.0

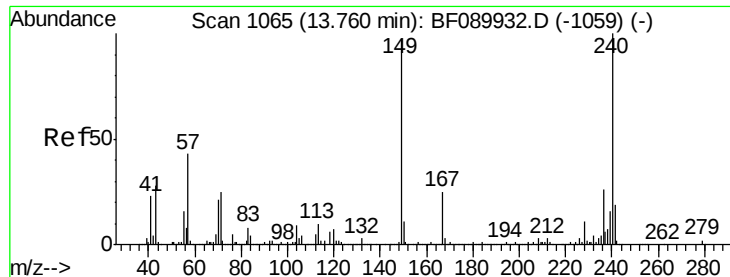


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

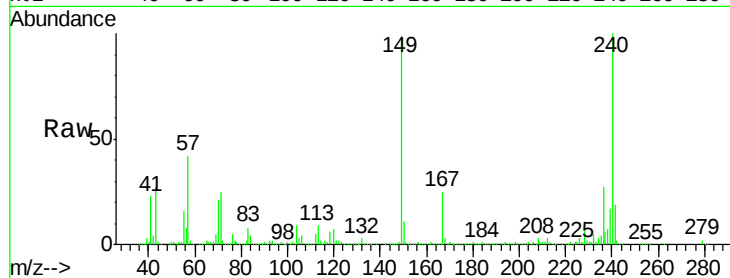
Tot Ion:240 Resp: 611221

Ion Ratio Lower Upper

240 100

120 7.3 5.7 8.5

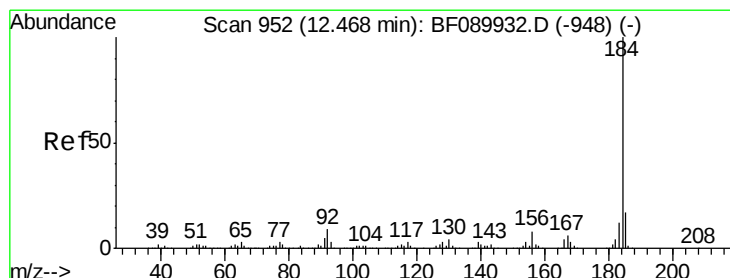
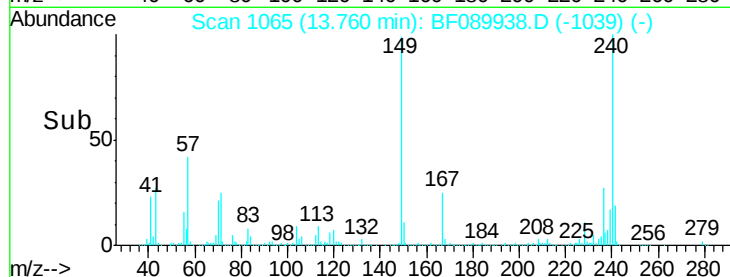
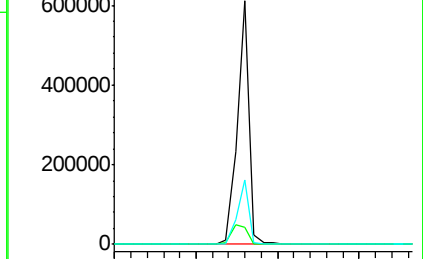
236 26.6 21.3 31.9



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: 39.81 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

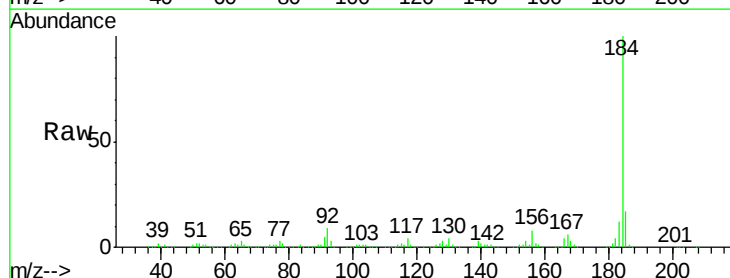
Tgt Ion:184 Resp: 921726

Ion Ratio Lower Upper

184 100

185 17.3 13.8 20.8

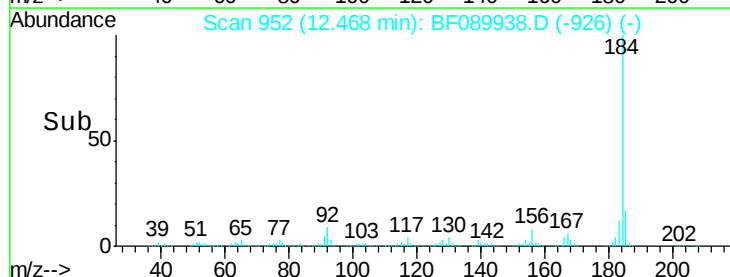
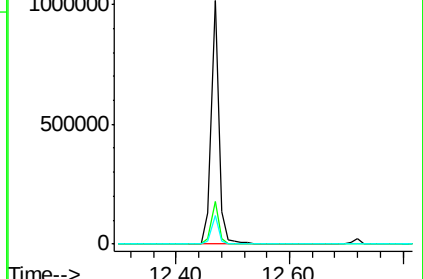
183 11.9 9.6 14.4

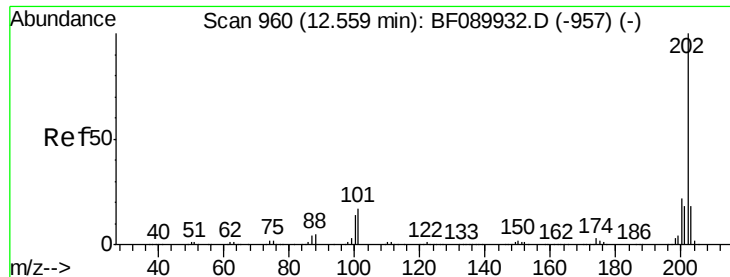


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

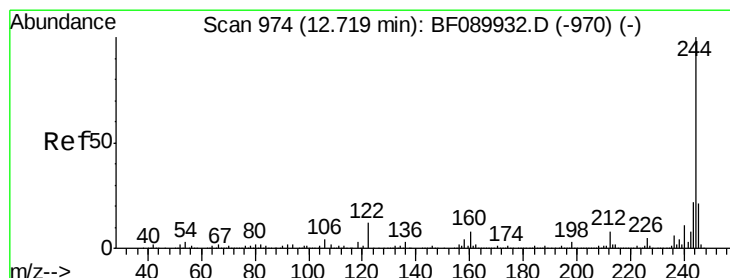
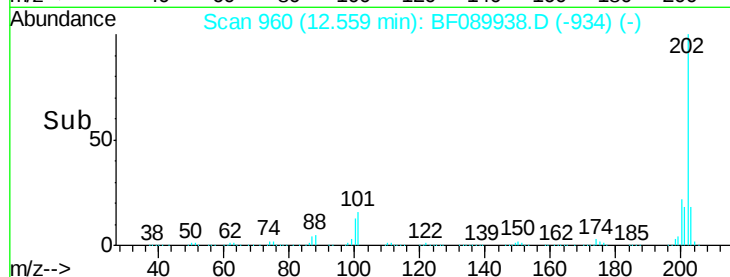
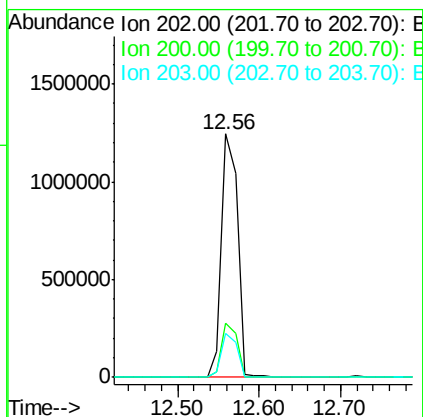
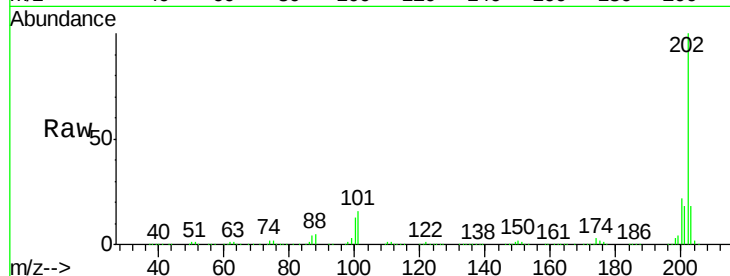




#77
Pvrene
Concen: 39.35 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

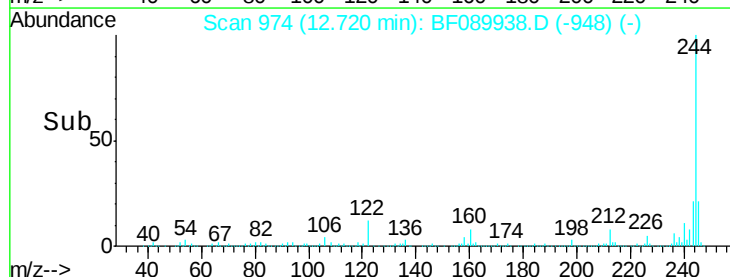
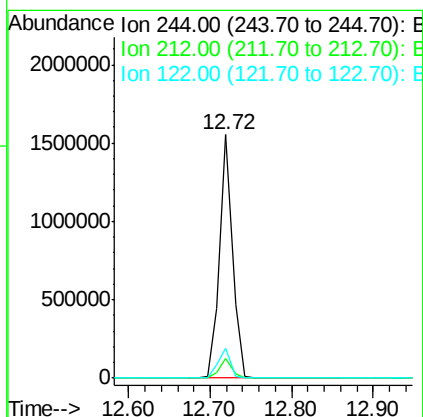
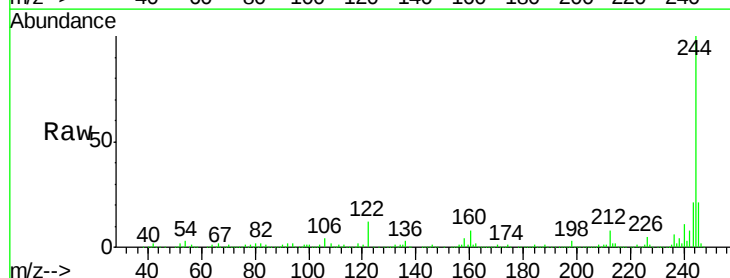
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

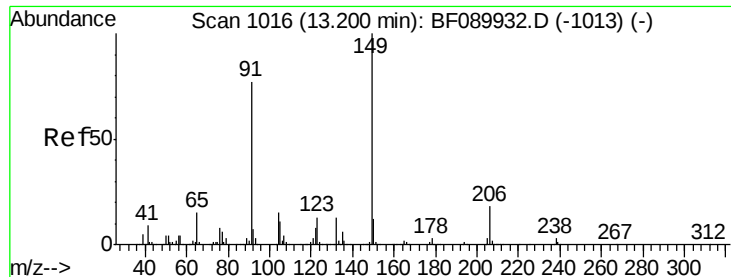
Tot Ion:202 Resp: 1695935
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 18.0 14.6 21.8



#78
Terphenyl-d14
Concen: 69.69 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion:244 Resp: 1724226
Ion Ratio Lower Upper
244 100
212 7.9 6.1 9.1
122 12.1 9.6 14.4

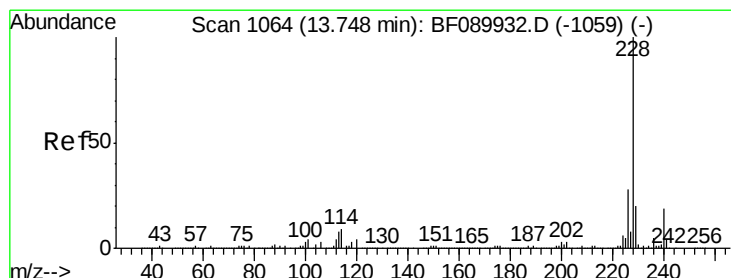
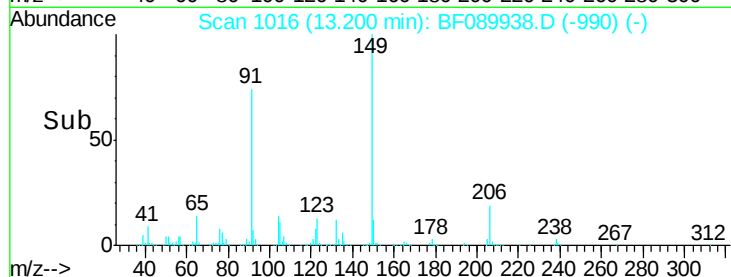
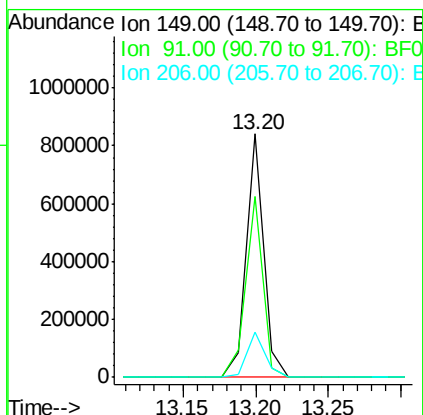
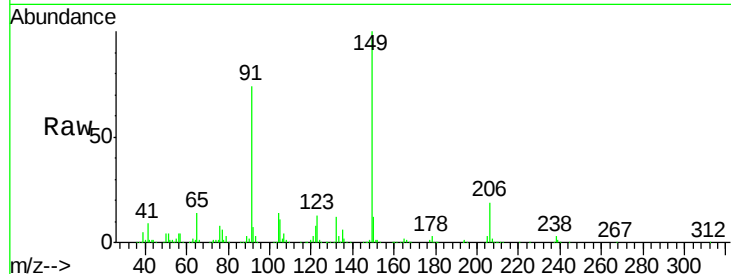




#79
Butylbenzylphthalate
Concen: 40.28 ng
RT: 13.20 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

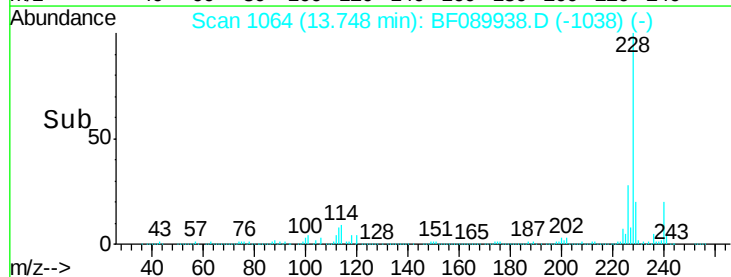
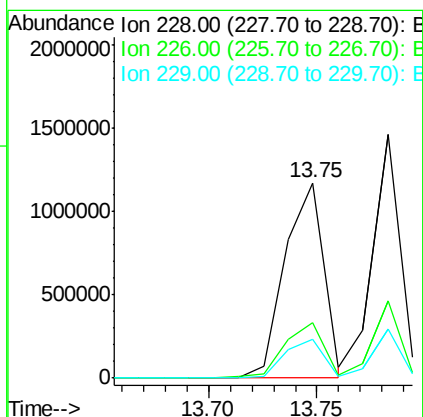
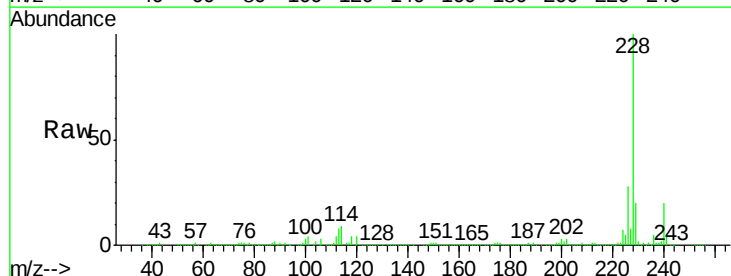
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

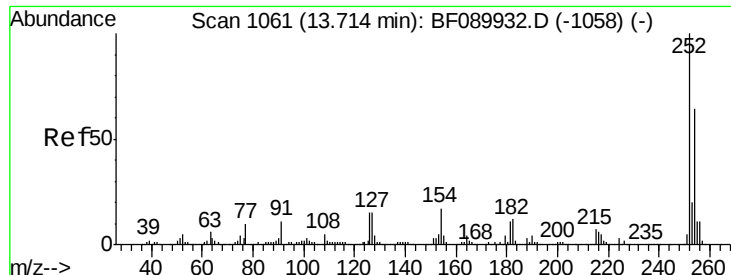
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.1	60.0	90.0
206	18.6	15.1	22.7



#80
Benzo(a)anthracene
Concen: 39.17 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	20.1	15.8	23.6

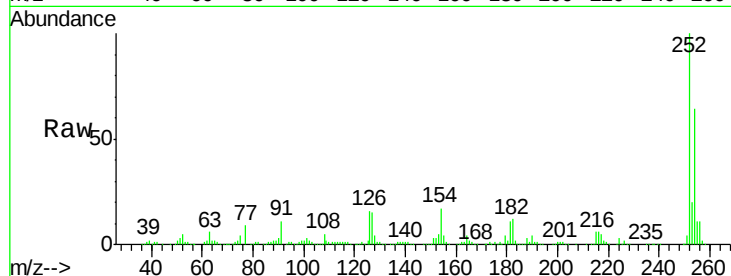




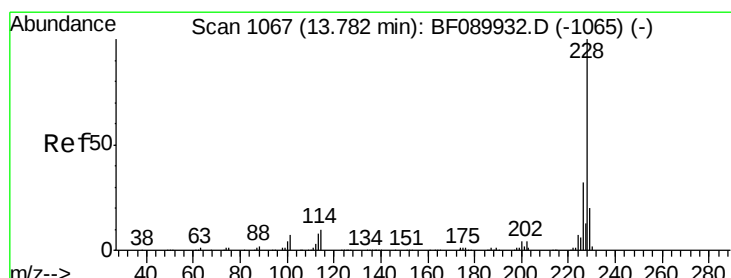
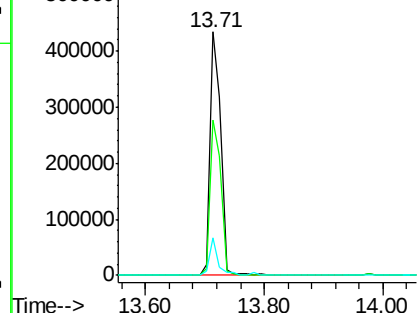
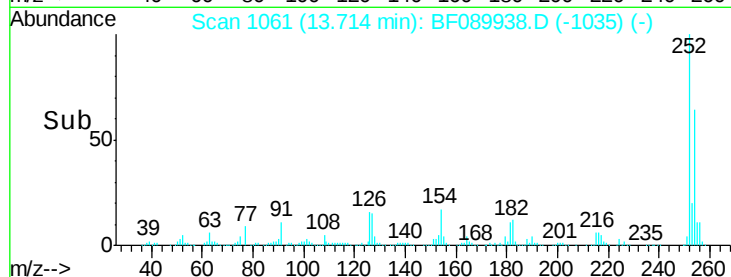
#81
 3,3'-Dichlorobenzidine
 Concen: 40.78 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 551071
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.3 76.9
 126 15.7 12.3 18.5

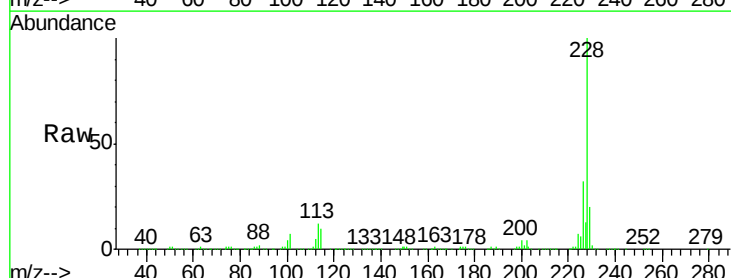


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

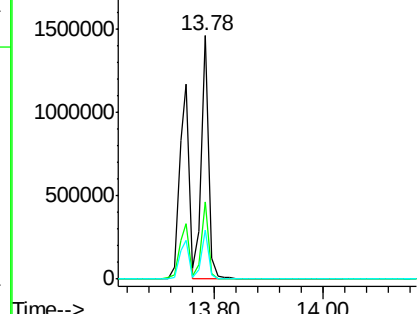
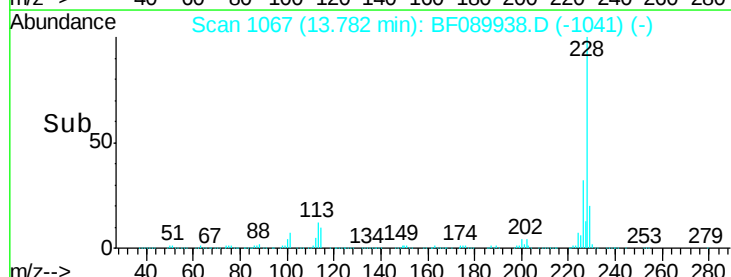


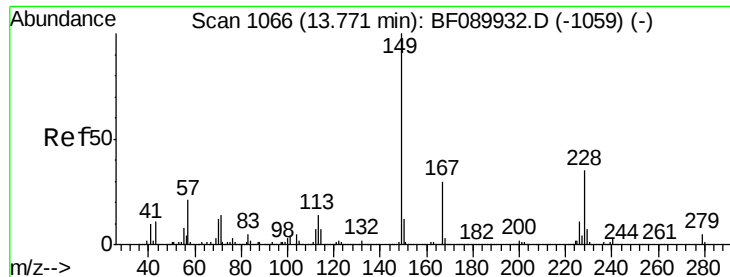
#82
 Chrysene
 Concen: 37.93 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Tgt Ion:228 Resp: 1326528
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.2 37.8
 229 20.4 16.2 24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.82 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

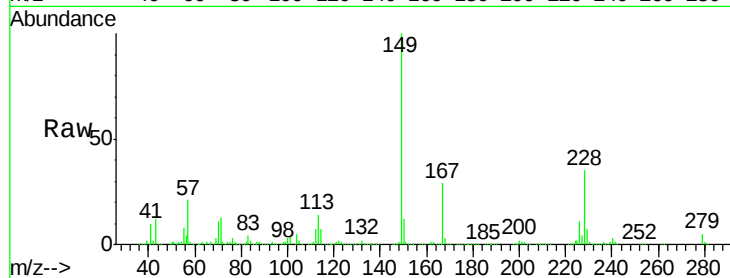
Tot Ion:149 Resp: 1005283

Ion Ratio Lower Upper

149 100

167 29.1 23.6 35.4

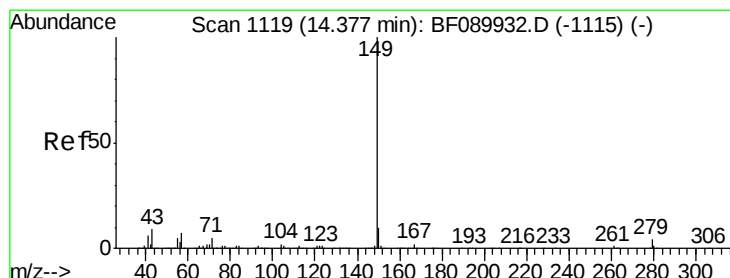
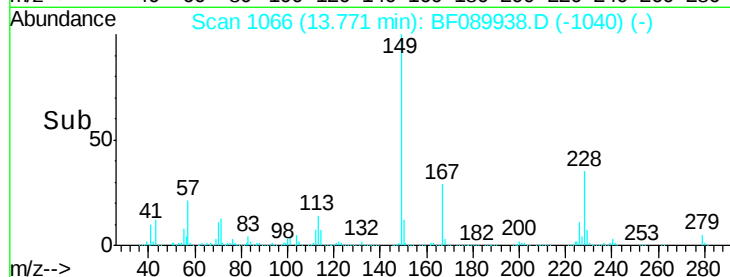
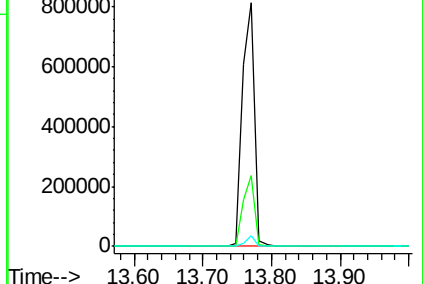
279 4.6 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.51 ng

RT: 14.38 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

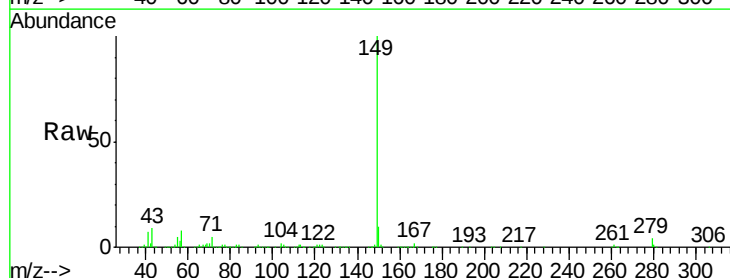
Tgt Ion:149 Resp: 1765761

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

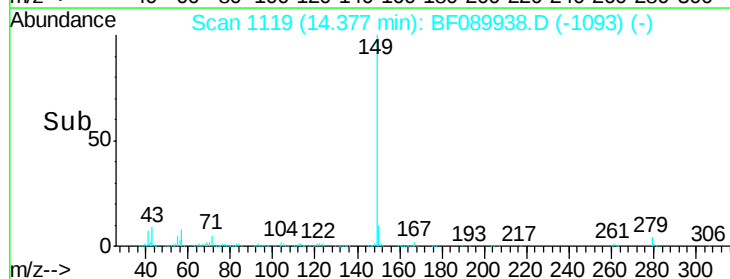
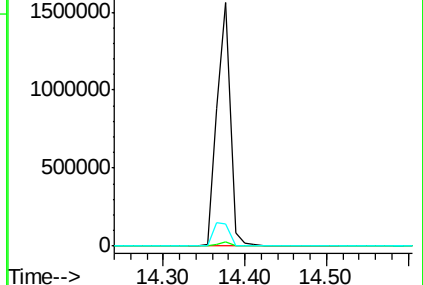
43 11.9 9.3 13.9

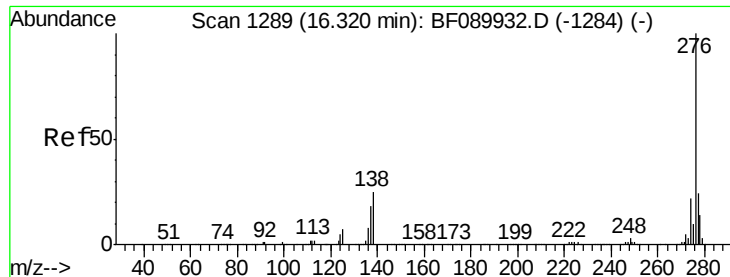


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

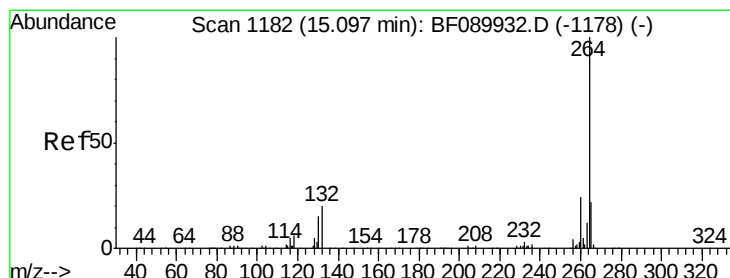
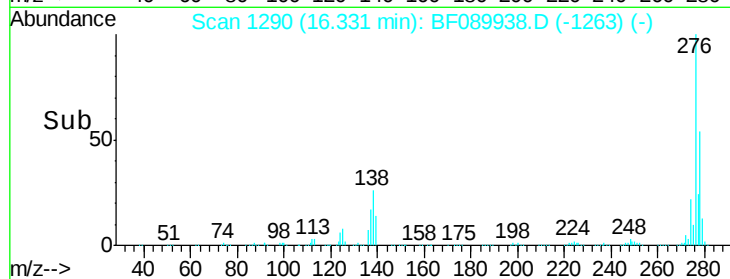
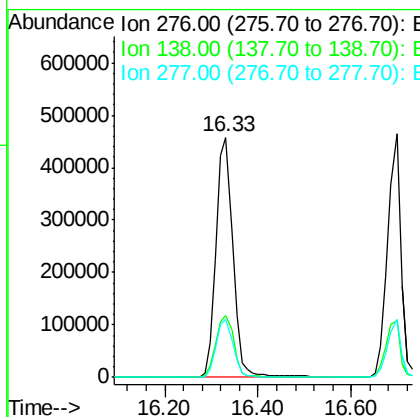
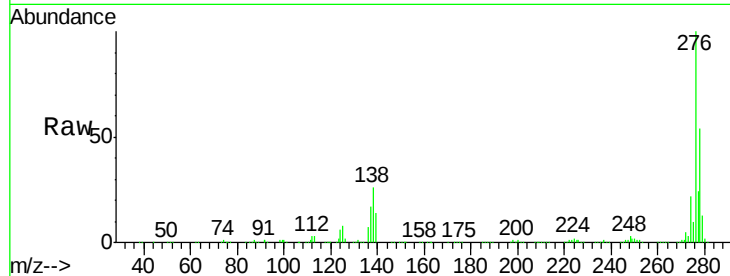




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.37 ng
RT: 16.33 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

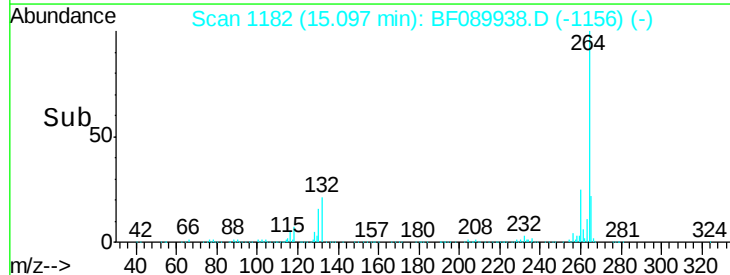
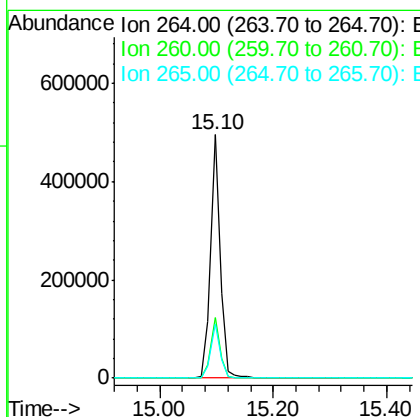
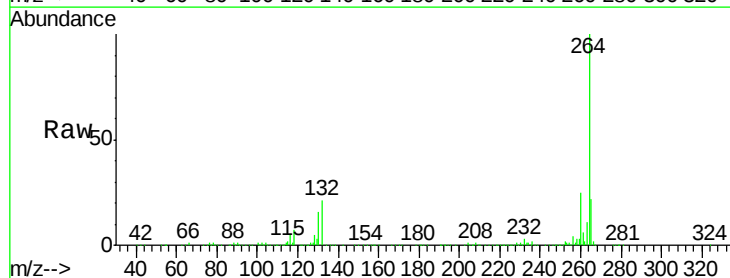
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

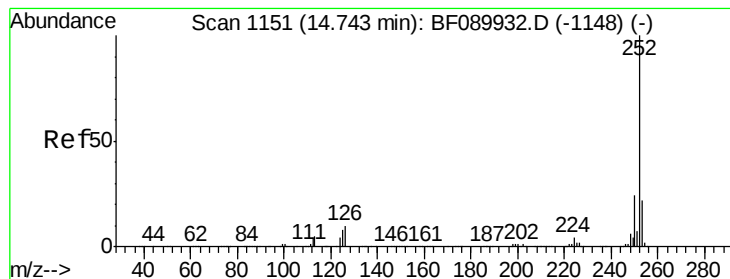
Tot Ion:276 Resp: 1146998
Ion Ratio Lower Upper
276 100
138 27.9 22.6 34.0
277 24.8 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion:264 Resp: 563351
Ion Ratio Lower Upper
264 100
260 24.9 19.4 29.0
265 22.2 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 73.66 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.02 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

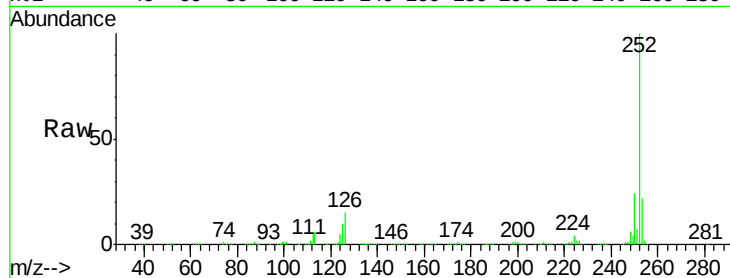
Tot Ion:252 Resp: 2599637

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

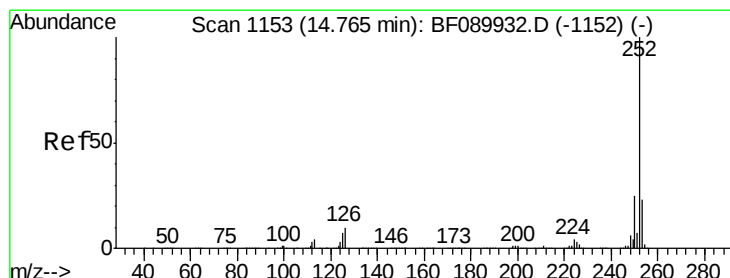
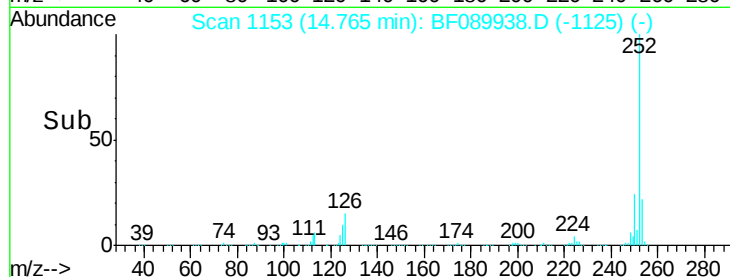
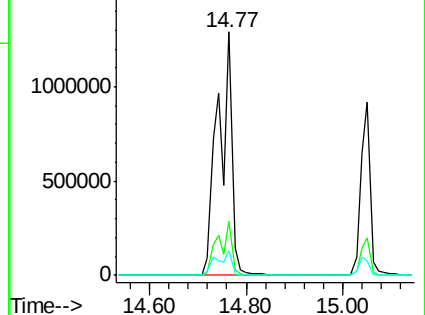
125 10.2 5.7 8.5#



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: 86.81 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF089938.D

Acq: 31 Aug 2016 9:12

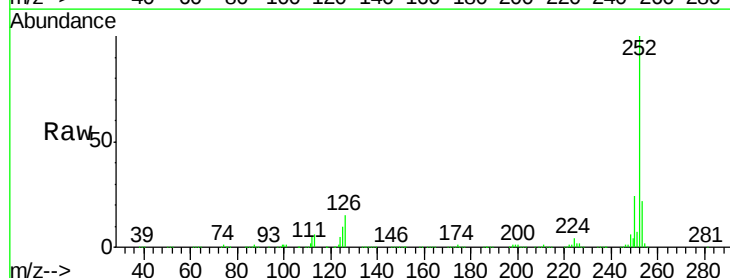
Tgt Ion:252 Resp: 2599637

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

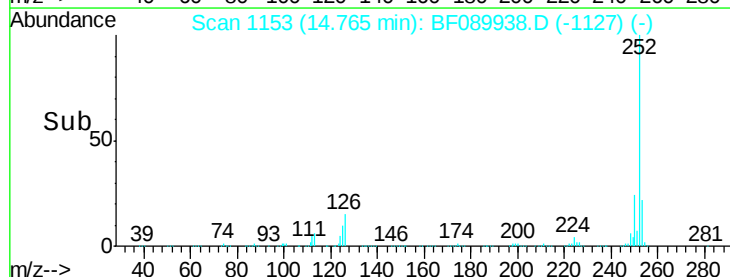
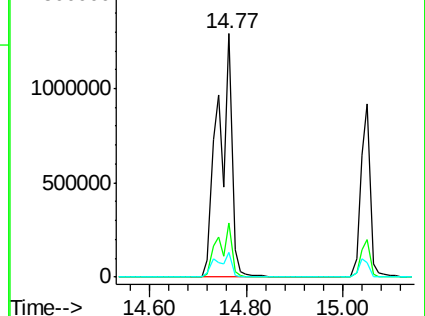
125 10.2 7.3 10.9

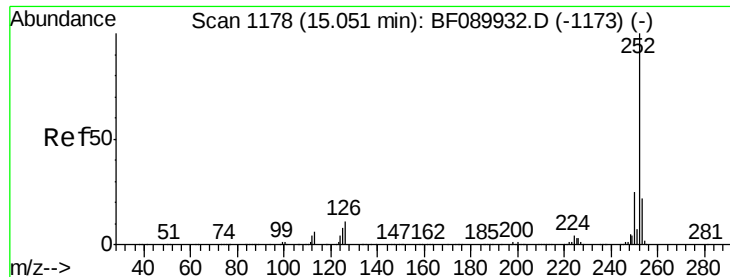


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

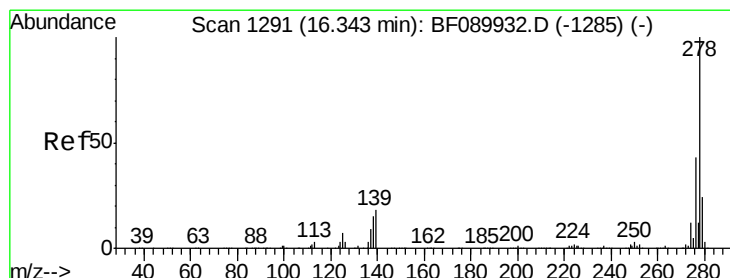
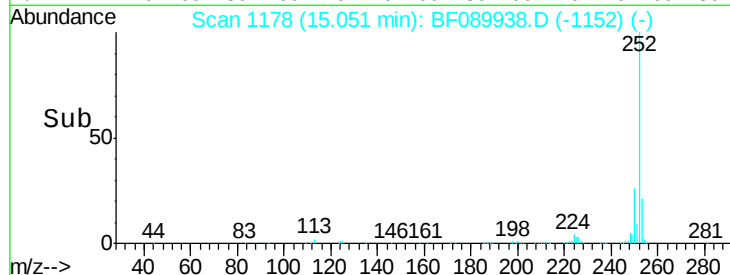
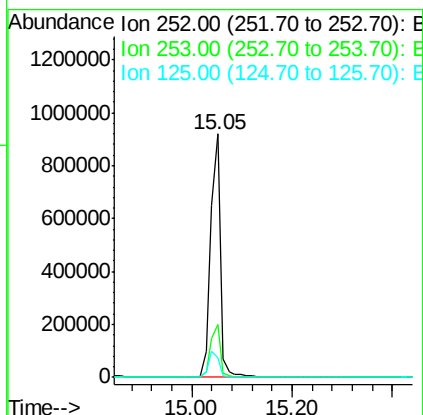
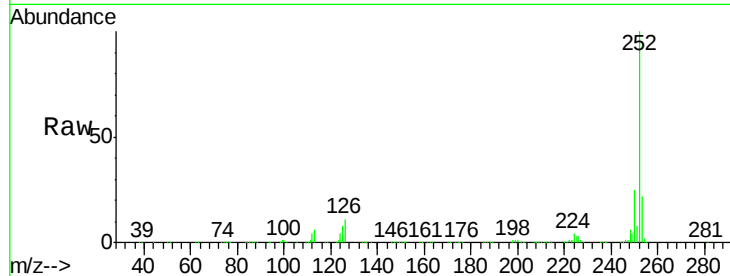




#89
Benzo(a)pyrene
Concen: 40.98 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

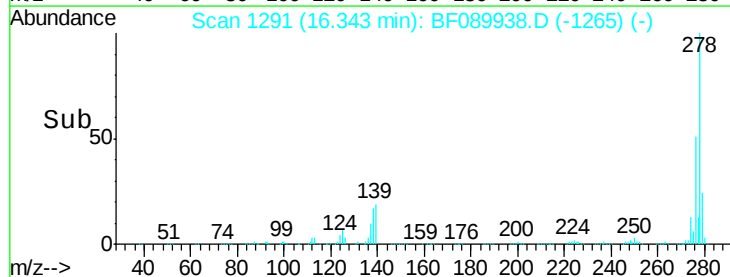
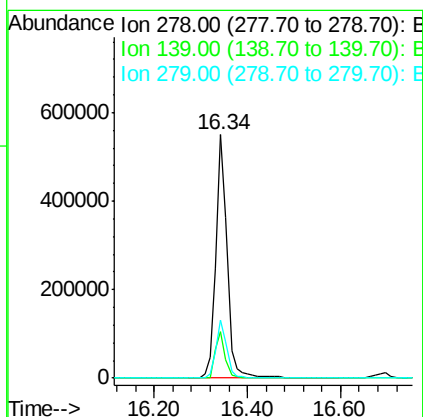
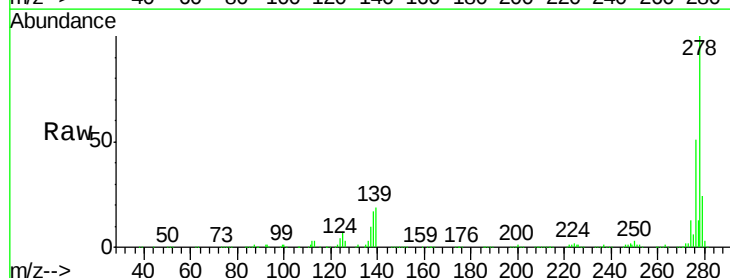
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

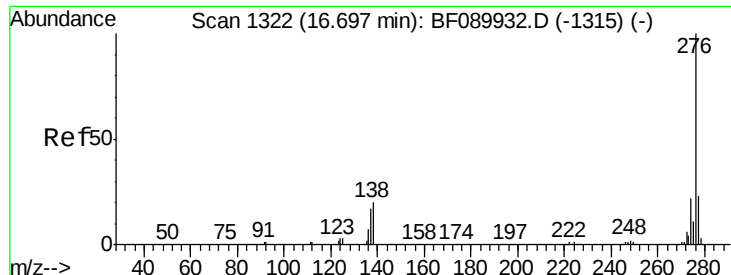
Tot Ion:252 Resp: 1239166
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.3 6.3 9.5



#90
Dibenzo(a,h)anthracene
Concen: 42.33 ng
RT: 16.34 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF089938.D
Acq: 31 Aug 2016 9:12

Tgt Ion:278 Resp: 937731
Ion Ratio Lower Upper
278 100
139 19.1 13.4 20.2
279 23.9 19.4 29.2

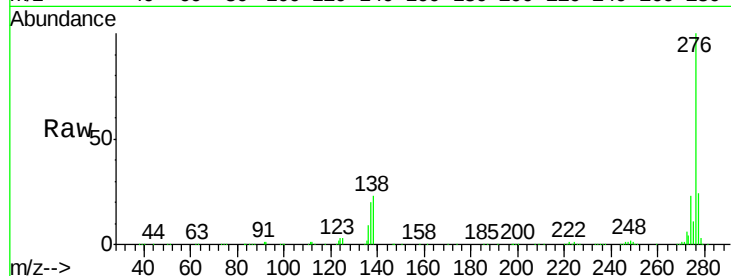




#91
 Benzo(a,h,i)perylene
 Concen: 41.27 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF089938.D
 Acq: 31 Aug 2016 9:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	23.3	16.4	24.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

