

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089390.D
 Acq On : 29 Jul 2016 4:31
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 29 07:13:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	54041	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	212099	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	82621	20.00	ng	-0.01
63) Phenanthrene-d10	11.03	188	135227	20.00	ng	-0.02
75) Chrysene-d12	13.66	240	102692	20.00	ng	-0.01
86) Perylene-d12	14.98	264	93597	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	273197	80.72	ng	-0.01
7) Phenol-d6	6.19	99	344179	76.95	ng	-0.01
23) Nitrobenzene-d5	7.11	82	307570	85.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.34	330	47348	69.19	ng	-0.02
44) 2-Fluorobiphenyl	8.90	172	510418	90.66	ng	-0.01
78) Terphenyl-d14	12.62	244	318266	72.54	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.92	88	58383	37.89	ng	99
3) Pyridine	2.52	79	137400	41.49	ng	99
4) n-Nitrosodimethylamine	2.49	42	52960	40.32	ng	94
6) Aniline	6.19	93	203963	42.23	ng	92
8) 2-Chlorophenol	6.32	128	150392	39.28	ng	95
9) Benzaldehyde	6.07	77	90680	41.52	ng	96
10) Phenol	6.20	94	194934	39.49	ng	93
11) bis(2-Chloroethyl)ether	6.27	93	153398	36.58	ng	91
12) 1,3-Dichlorobenzene	6.47	146	158623m	39.61	ng	
13) 1,4-Dichlorobenzene	6.55	146	169071	38.26	ng	94
14) 1,2-Dichlorobenzene	6.70	146	154609m	37.35	ng	
15) Benzyl Alcohol	6.68	79	111415	40.14	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.82	45	171252	37.44	ng	99
17) 2-Methylphenol	6.81	107	107825	36.44	ng	95
18) Hexachloroethane	7.04	117	56776	33.51	ng	# 83
19) n-Nitroso-di-n-propylamine	6.97	70	106830	39.61	ng	97
20) 3+4-Methylphenols	6.97	107	148231	39.01	ng	91
22) Acetophenone	6.96	105	216969	42.97	ng	# 97
24) Nitrobenzene	7.13	77	152490	37.29	ng	94
25) Isophorone	7.37	82	283302	39.14	ng	97
26) 2-Nitrophenol	7.44	139	72517	39.66	ng	# 87
27) 2,4-Dimethylphenol	7.50	122	122064	41.91	ng	99
28) bis(2-Chloroethoxy)methane	7.59	93	179370	44.77	ng	99
29) 2,4-Dichlorophenol	7.69	162	116015	43.71	ng	99
30) 1,2,4-Trichlorobenzene	7.76	180	118709	39.20	ng	# 95
31) Naphthalene	7.84	128	426954	40.65	ng	100
32) Benzoic acid	7.66	122	69890	34.43	ng	99
33) 4-Chloroaniline	7.90	127	156897	39.24	ng	# 89
34) Hexachlorobutadiene	7.96	225	68527	39.51	ng	97
35) Caprolactam	8.28	113	28873	36.04	ng	99
36) 4-Chloro-3-methylphenol	8.40	107	125783	39.87	ng	98
37) 2-Methylnaphthalene	8.52	142	232064	36.67	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	135314	46.80	ng	99
40) Hexachlorocyclopentadiene	8.68	237	3912	13.13	ng	98

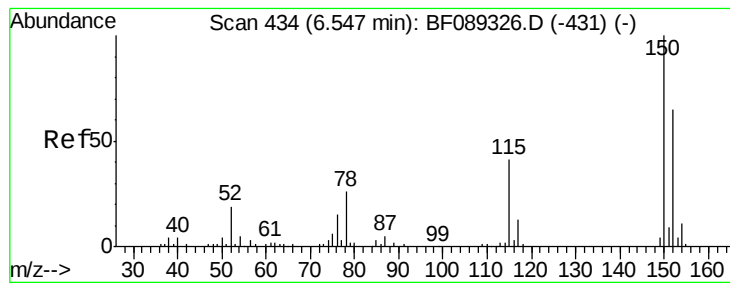
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089390.D
 Acq On : 29 Jul 2016 4:31
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 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	62713	45.62	ng	100
43) 2,4,5-Trichlorophenol	8.86	196	69510	39.92	ng	# 82
45) 1,1'-Biphenyl	8.99	154	324510	46.13	ng	97
46) 2-Chloronaphthalene	9.02	162	235753	44.62	ng	95
47) 2-Nitroaniline	9.12	65	69971	44.72	ng	# 78
48) Acenaphthylene	9.42	152	341372	41.02	ng	99
49) Dimethylphthalate	9.30	163	261272	41.55	ng	99
50) 2,6-Dinitrotoluene	9.37	165	53023	41.04	ng	# 80
51) Acenaphthene	9.59	154	191054	39.32	ng	99
52) 3-Nitroaniline	9.53	138	59418	43.58	ng	# 75
53) 2,4-Dinitrophenol	9.67	184	2673	12.06	ng	# 46
54) Dibenzofuran	9.76	168	260360	39.32	ng	95
55) 4-Nitrophenol	9.72	139	22536m	37.50	ng	
56) 2,4-Dinitrotoluene	9.77	165	67013	39.40	ng	# 71
57) Fluorene	10.10	166	213534	36.94	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	43723	37.61	ng	96
59) Diethylphthalate	10.00	149	280434	43.99	ng	97
60) 4-Chlorophenyl-phenylether	10.10	204	109968	41.48	ng	# 85
61) 4-Nitroaniline	10.15	138	54838	39.02	ng	85
62) Azobenzene	10.26	77	258170	39.32	ng	92
64) 4,6-Dinitro-2-methylphenol	10.18	198	6992	12.13	ng	98
65) n-Nitrosodiphenylamine	10.23	169	195645	46.37	ng	98
66) 4-Bromophenyl-phenylether	10.58	248	55813	43.23	ng	# 70
67) Hexachlorobenzene	10.65	284	56625	42.80	ng	# 81
68) Atrazine	10.75	200	48120	37.12	ng	95
69) Pentachlorophenol	10.84	266	24210	40.97	ng	98
70) Phenanthrene	11.05	178	263631	37.80	ng	100
71) Anthracene	11.11	178	308391	39.77	ng	100
72) Carbazole	11.27	167	260263	39.87	ng	98
73) Di-n-butylphthalate	11.61	149	364173	41.58	ng	99
74) Fluoranthene	12.23	202	266816	36.37	ng	95
76) Benzidine	12.38	184	141281	37.23	ng	98
77) Pyrene	12.46	202	285476	36.68	ng	99
79) Butylbenzylphthalate	13.10	149	138158	39.04	ng	# 86
80) Benzo(a)anthracene	13.65	228	240112	41.43	ng	99
81) 3,3'-Dichlorobenzidine	13.61	252	93514	44.84	ng	# 95
82) Chrysene	13.68	228	252583	40.95	ng	99
83) Bis(2-ethylhexyl)phthalate	13.66	149	195167	38.16	ng	# 97
84) Di-n-octyl phthalate	14.26	149	345386	43.27	ng	99
85) Indeno(1,2,3-cd)pyrene	16.18	276	192795	43.96	ng	99
87) Benzo(b)fluoranthene	14.64	252	234884m	40.41	ng	
88) Benzo(k)fluoranthene	14.66	252	212032m	39.68	ng	
89) Benzo(a)pyrene	14.94	252	212722	40.80	ng	# 95
90) Dibenzo(a,h)anthracene	16.18	278	163056	39.70	ng	99
91) Benzo(g,h,i)perylene	16.53	276	151994	37.64	ng	99

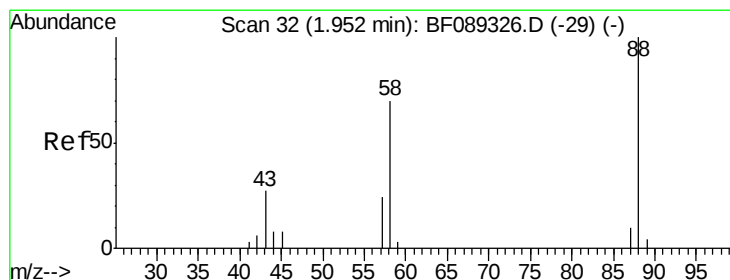
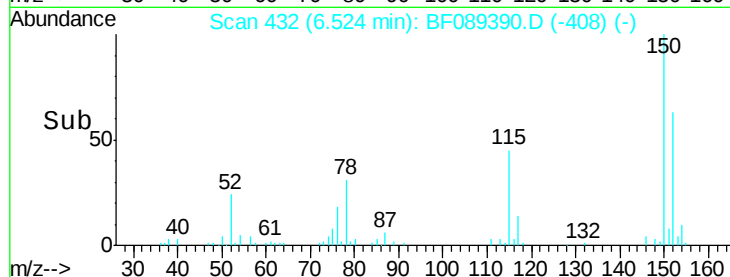
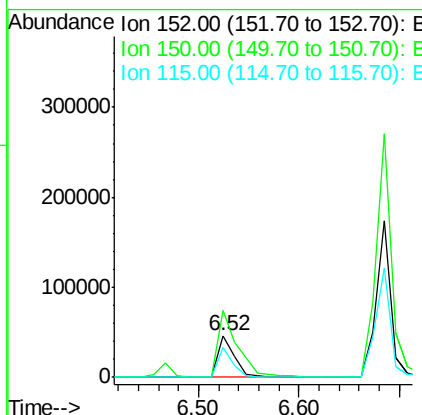
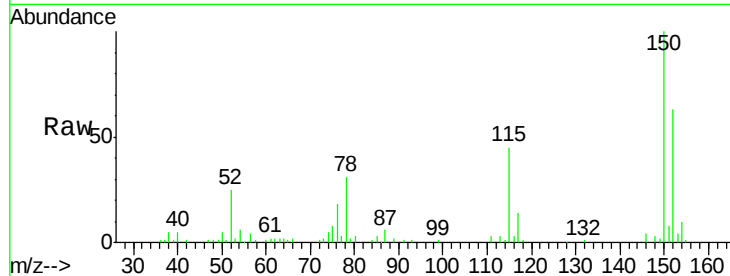
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.02 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

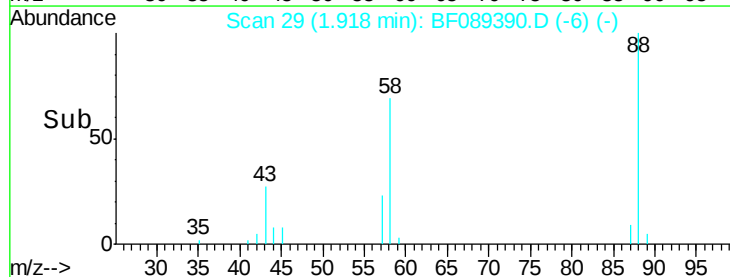
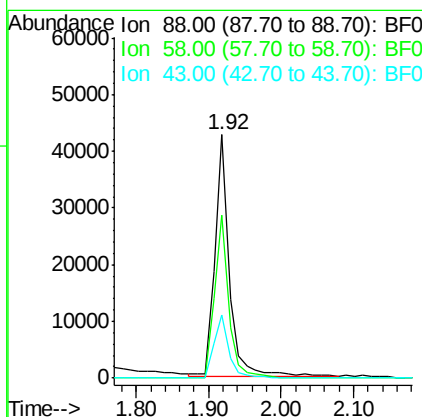
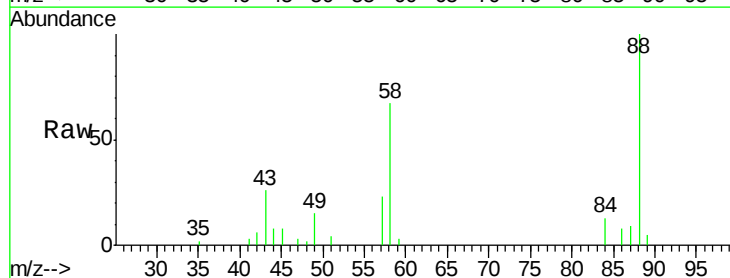
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

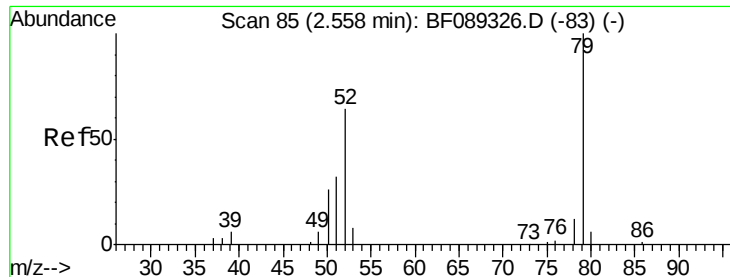
Tgt Ion:152 Resp: 54041
 Ion Ratio Lower Upper
 152 100
 150 159.7 129.5 194.3
 115 71.6 51.4 77.2



#2
 1,4-Dioxane
 Concen: 37.89 ng
 RT: 1.92 min Scan# 29
 Delta R.T. -0.03 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Tgt Ion: 88 Resp: 58383
 Ion Ratio Lower Upper
 88 100
 58 66.5 53.2 79.8
 43 26.9 20.6 31.0





#3

Pyridine

Concen: 41.49 ng

RT: 2.52 min Scan# 82

Delta R.T. -0.05 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

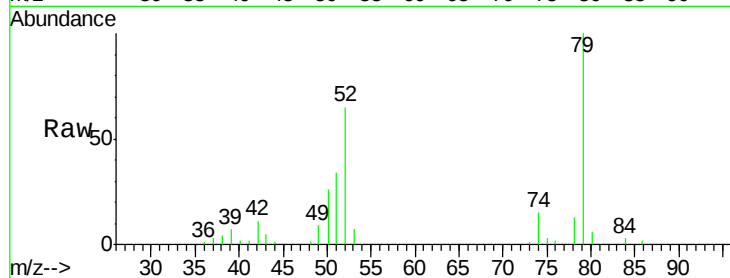
Tgt Ion: 79 Resp: 137400

Ion Ratio Lower Upper

79 100

52 64.9 51.9 77.9

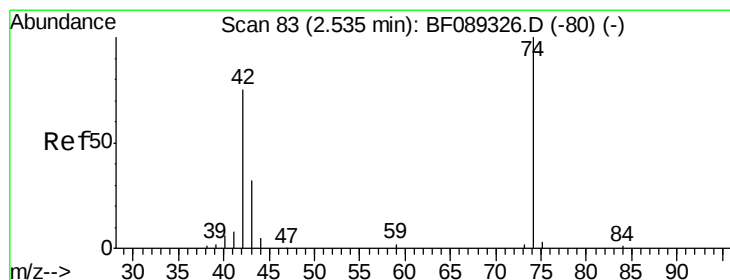
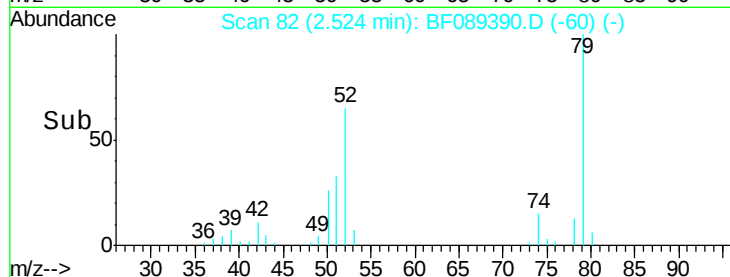
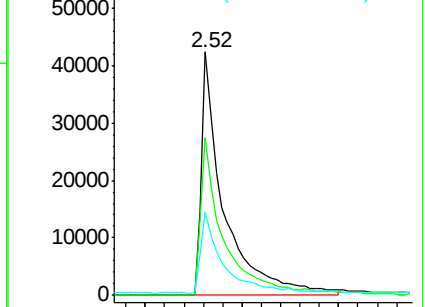
51 34.2 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.32 ng

RT: 2.49 min Scan# 79

Delta R.T. -0.05 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

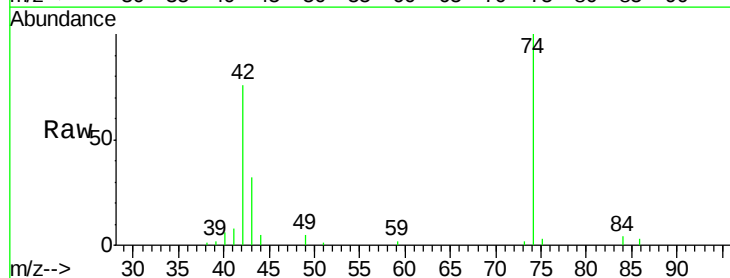
Tgt Ion: 42 Resp: 52960

Ion Ratio Lower Upper

42 100

74 130.9 110.8 166.2

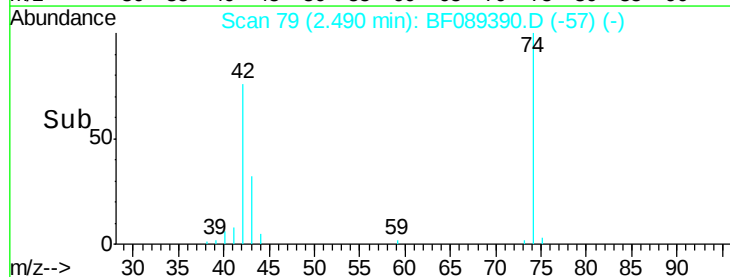
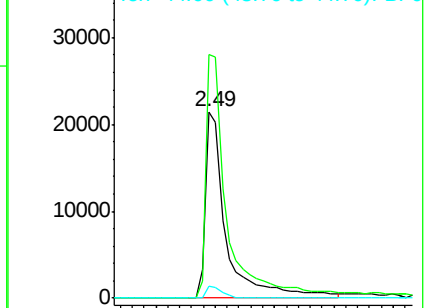
44 6.4 5.2 7.8

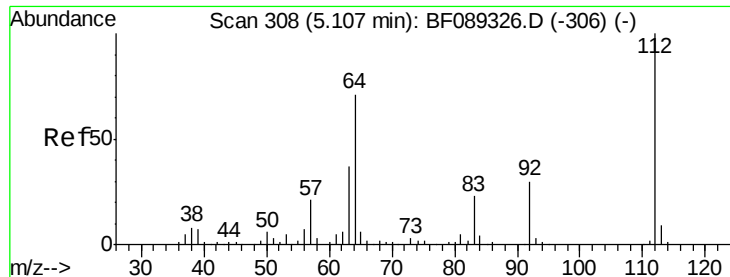


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.72 ng

RT: 5.10 min Scan# 307

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

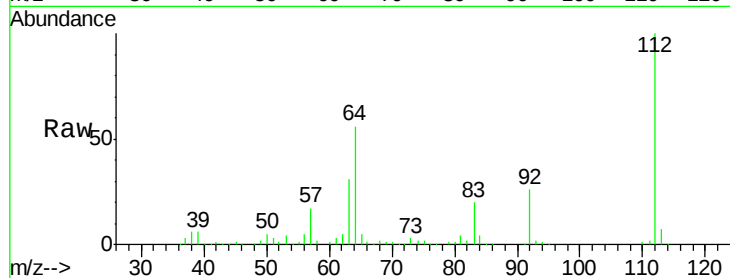
Tgt Ion: 112 Resp: 273197

Ion Ratio Lower Upper

112 100

64 56.1 55.0 82.6

63 30.5 29.4 44.2

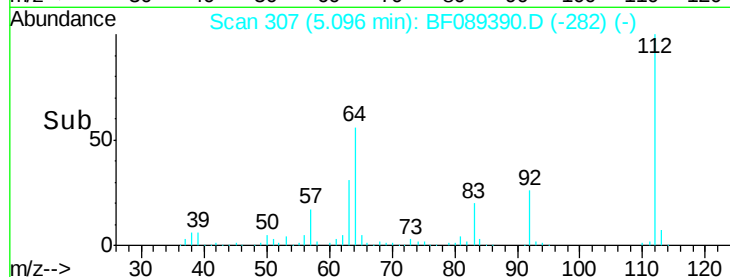


Abundance Ion 112.00 (111.70 to 112.70): E

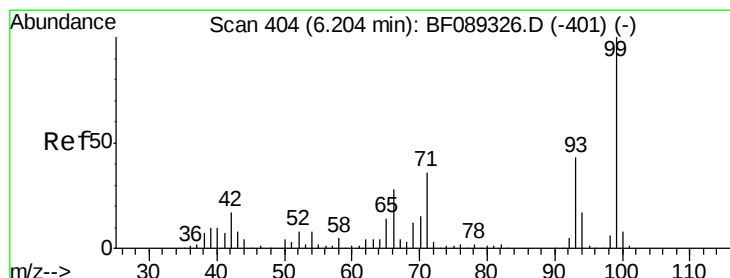
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 42.23 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

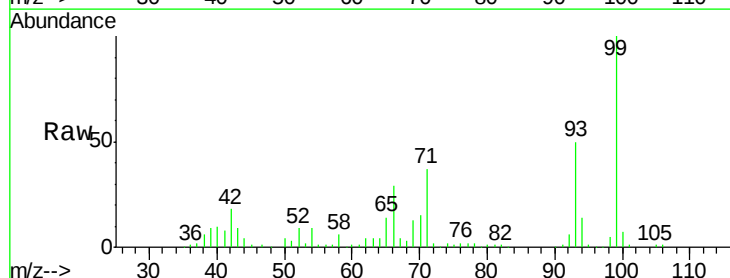
Tgt Ion: 93 Resp: 203963

Ion Ratio Lower Upper

93 100

66 57.5 51.6 77.4

65 27.3 24.7 37.1

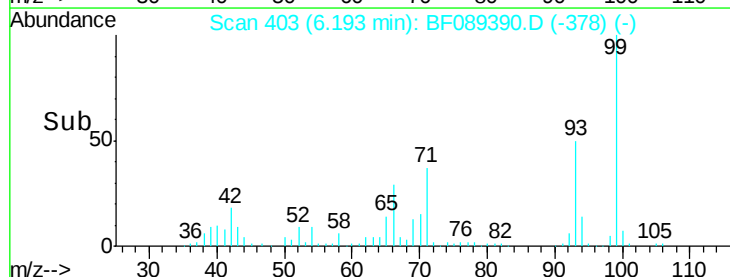


Abundance Ion 93.00 (92.70 to 93.70): BF0

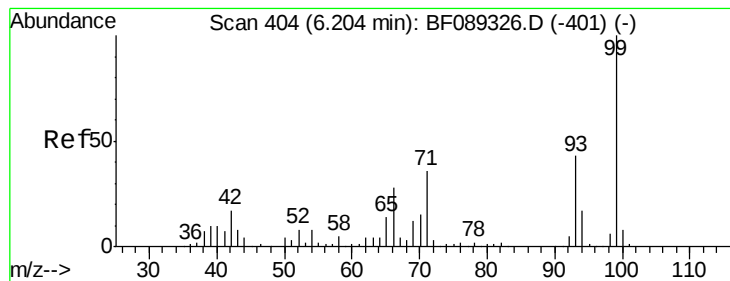
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 76.95 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

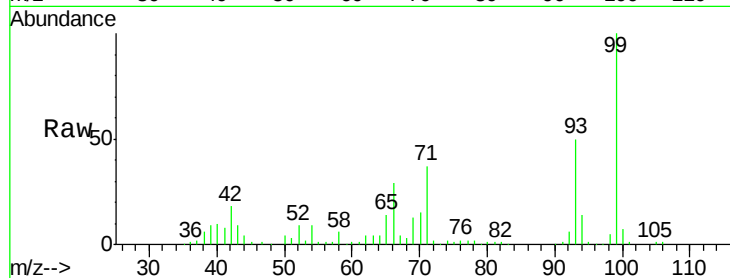
Tgt Ion: 99 Resp: 344179

Ion Ratio Lower Upper

99 100

42 18.2 13.6 20.4

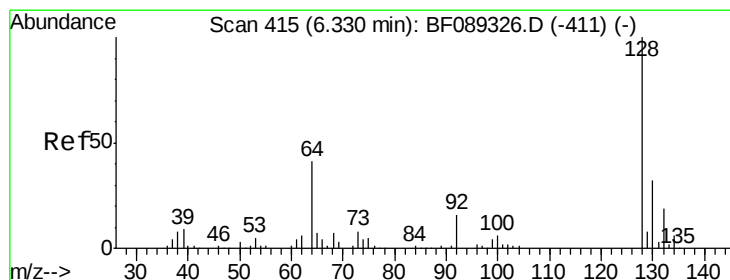
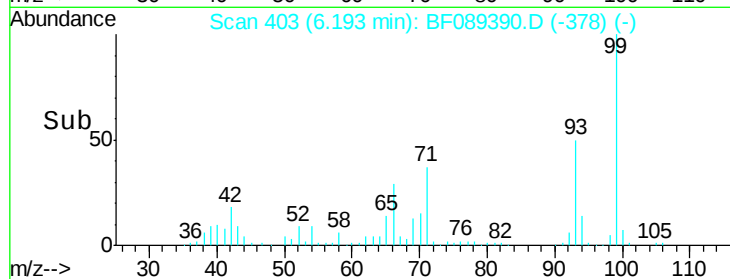
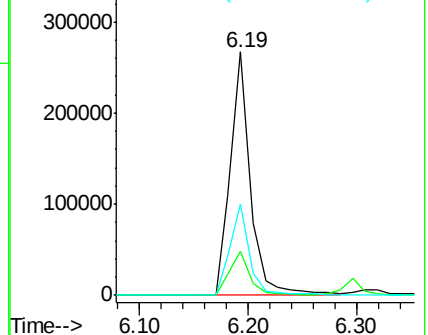
71 37.3 29.4 44.2



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: 39.28 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

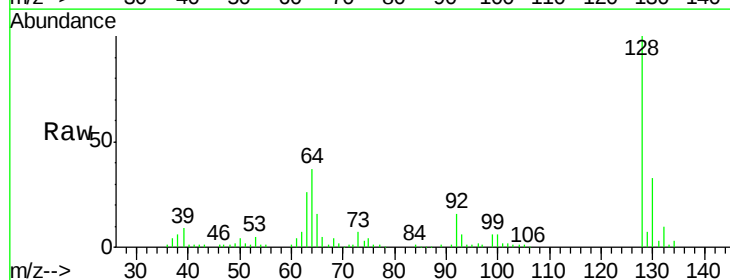
Tgt Ion: 128 Resp: 150392

Ion Ratio Lower Upper

128 100

130 33.4 12.6 52.6

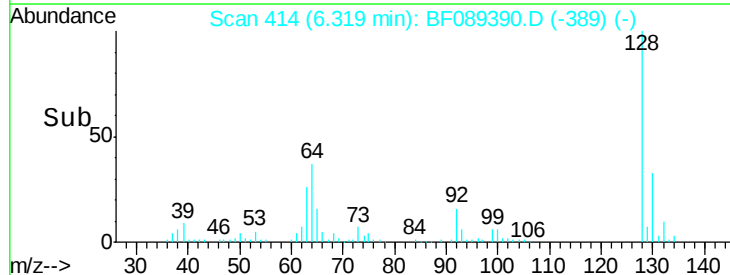
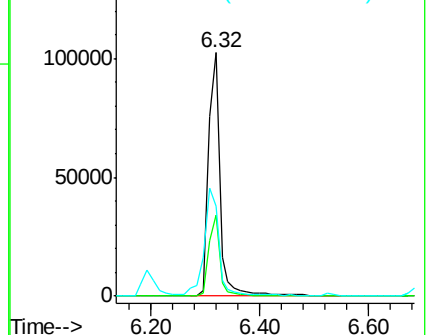
64 37.1 22.1 62.1

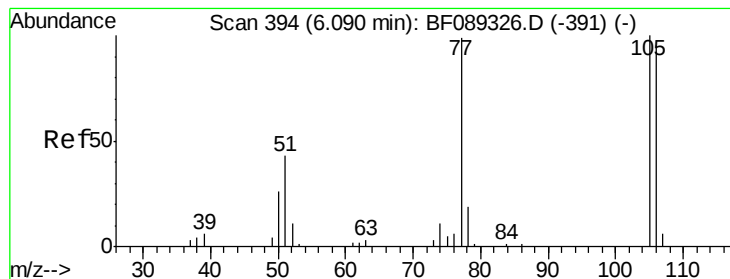


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 41.52 ng

RT: 6.07 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

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SSTDCCC040EC

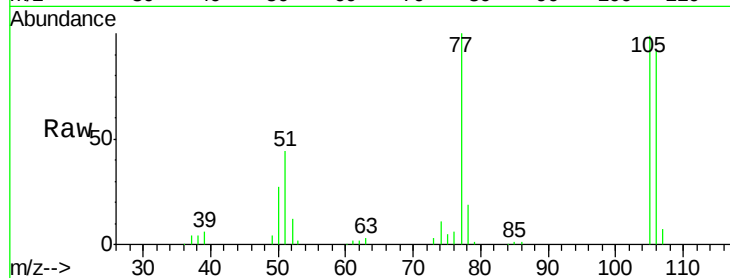
Tgt Ion: 77 Resp: 90680

Ion Ratio Lower Upper

77 100

105 99.0 82.9 122.9

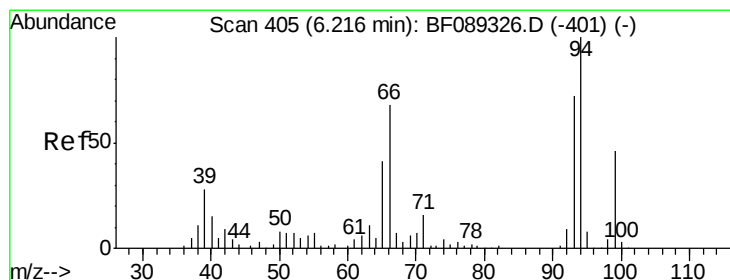
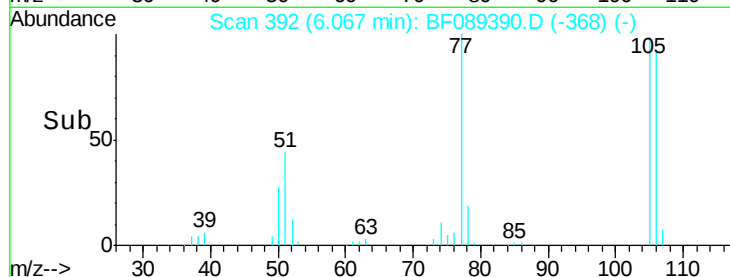
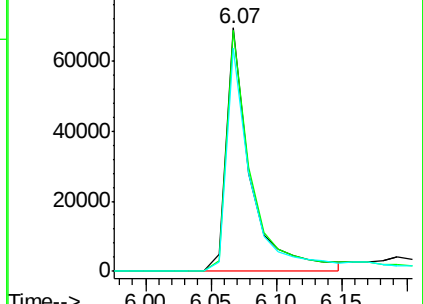
106 91.9 75.9 115.9



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: 39.49 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

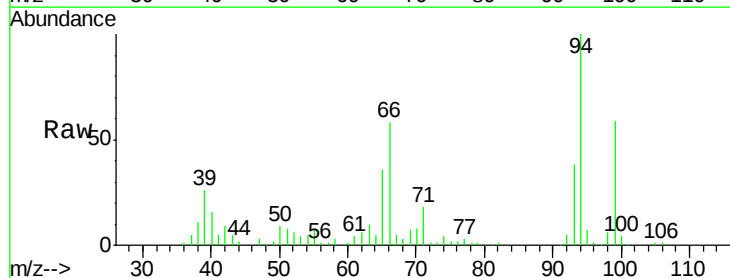
Tgt Ion: 94 Resp: 194934

Ion Ratio Lower Upper

94 100

65 36.4 19.1 59.1

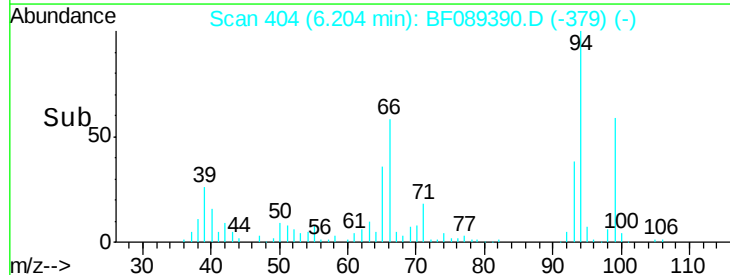
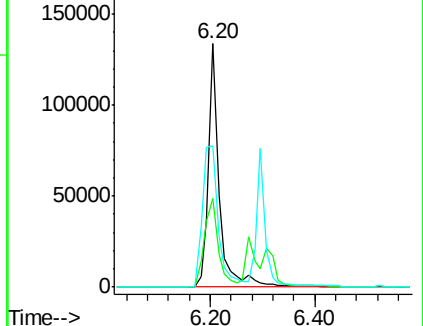
66 58.0 44.4 84.4



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

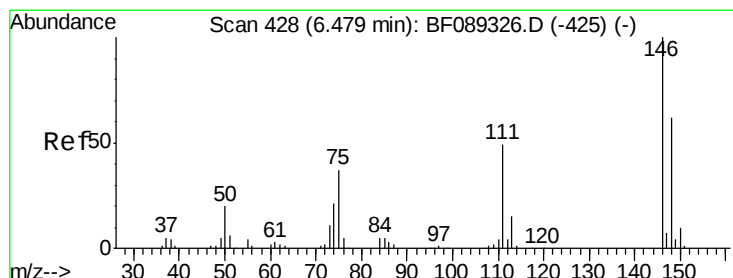
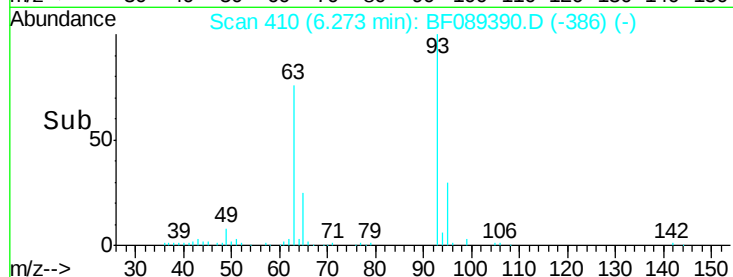
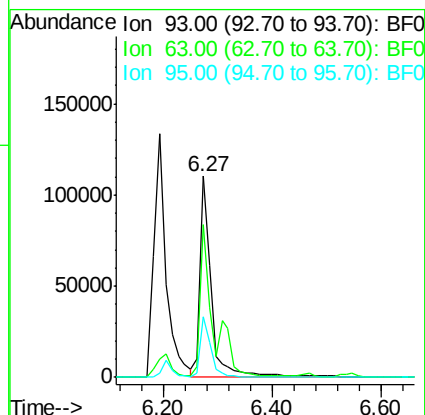
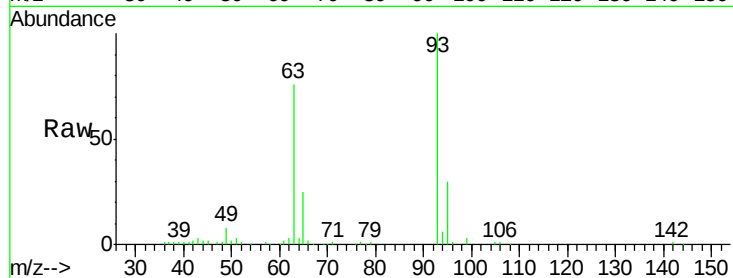




#11
bis(2-Chloroethyl)ether
Concen: 36.58 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

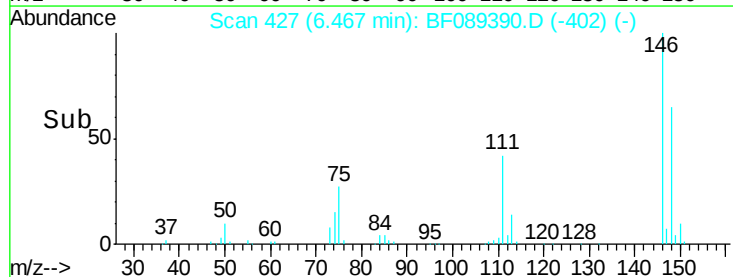
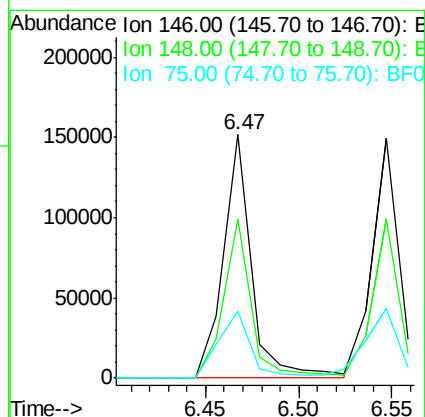
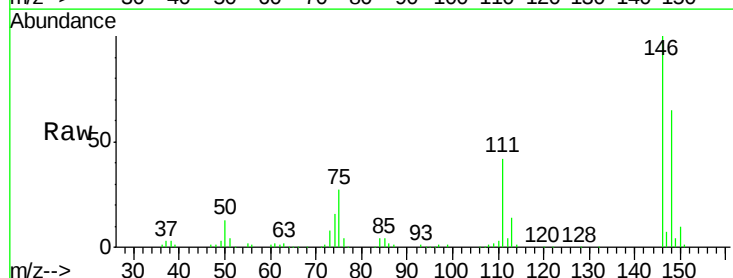
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

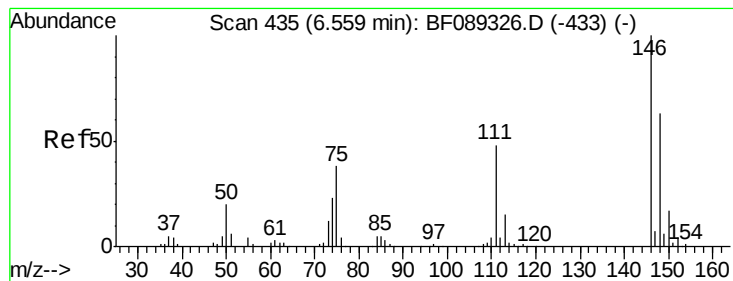
Tgt Ion: 93 Resp: 153398
Ion Ratio Lower Upper
93 100
63 75.9 45.6 85.6
95 30.3 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 39.61 ng m
RT: 6.47 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Tgt Ion: 146 Resp: 158623
Ion Ratio Lower Upper
146 100
148 65.2 50.5 75.7
75 27.5 30.0 45.0#





#13

1,4-Dichlorobenzene

Concen: 38.26 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

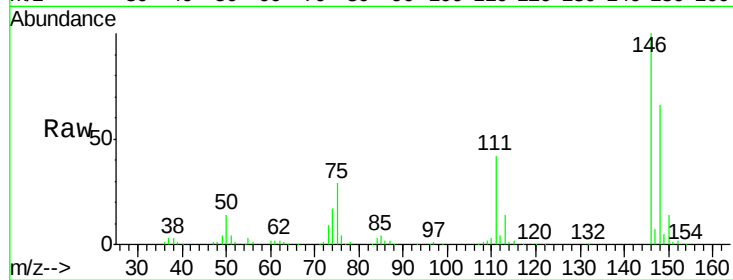
Tgt Ion:146 Resp: 169071

Ion Ratio Lower Upper

146 100

148 66.5 50.8 76.2

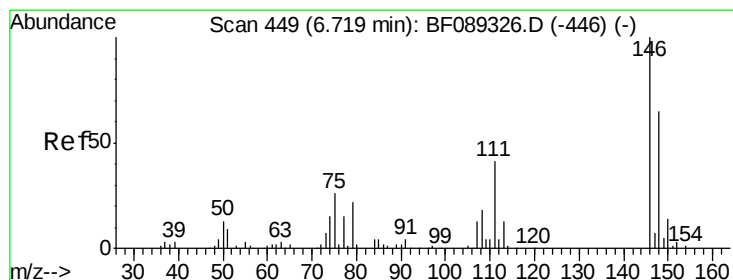
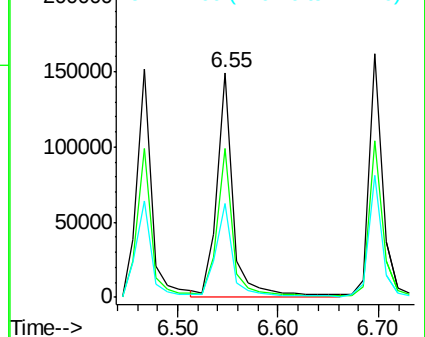
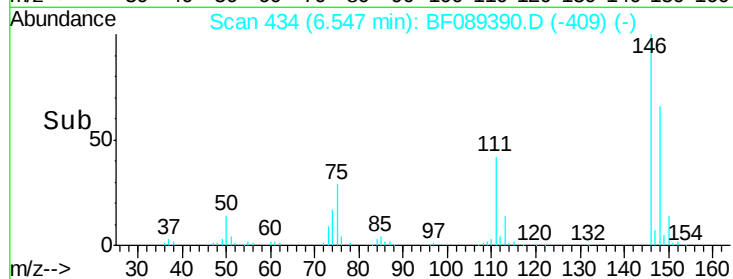
111 41.9 38.6 57.8



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



#14

1,2-Dichlorobenzene

Concen: 37.35 ng m

RT: 6.70 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

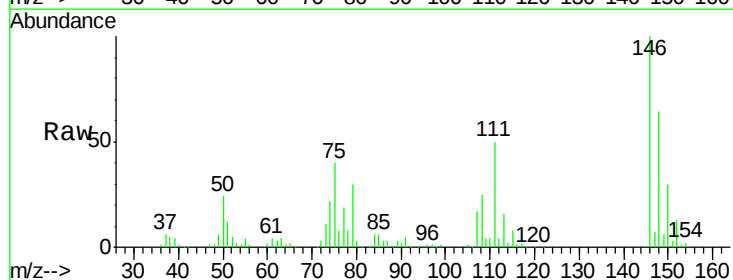
Tgt Ion:146 Resp: 154609

Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

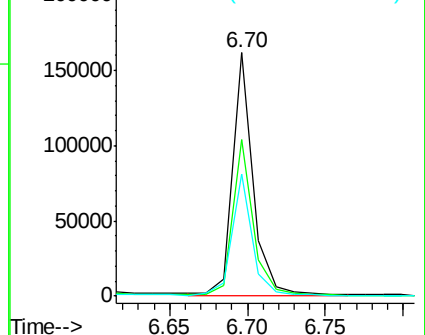
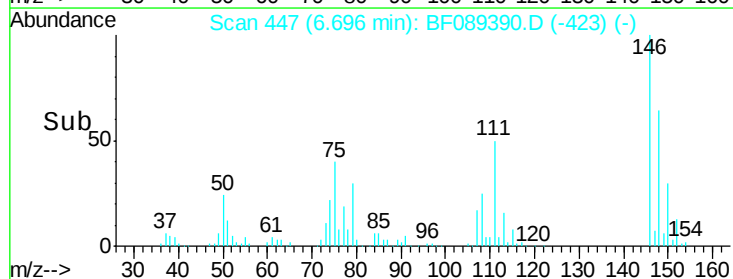
111 50.3 33.0 49.4#

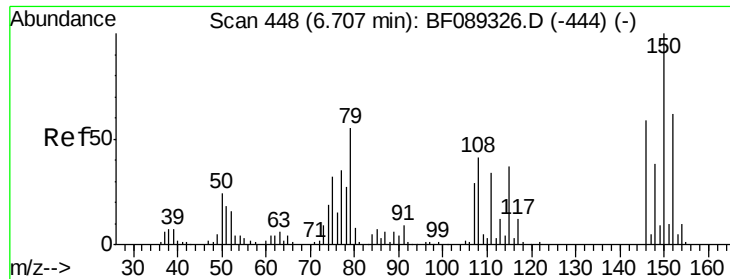


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.14 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

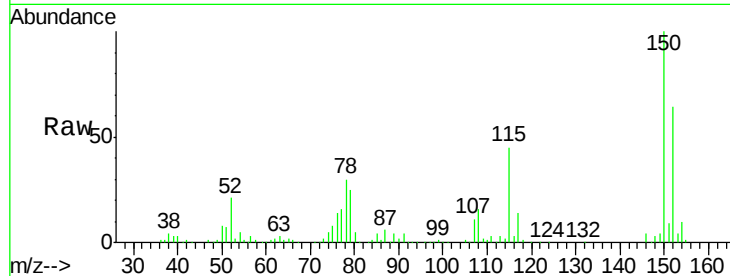
Tgt Ion: 79 Resp: 111415

Ion Ratio Lower Upper

79 100

108 63.8 59.8 89.6

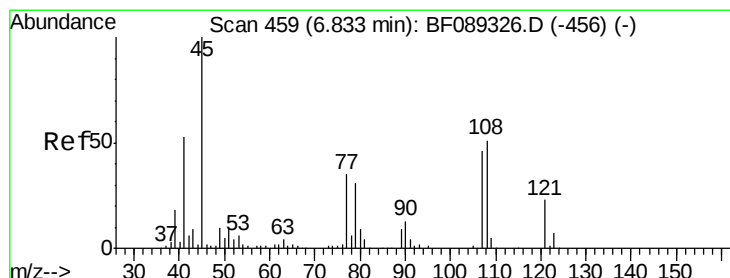
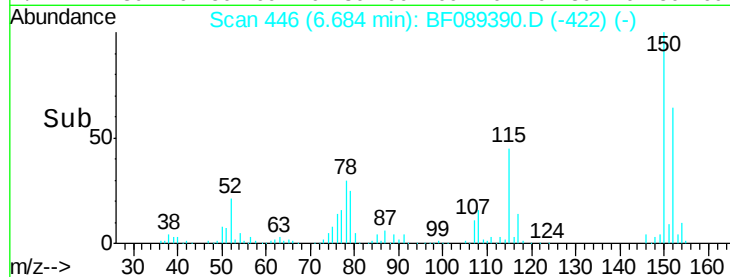
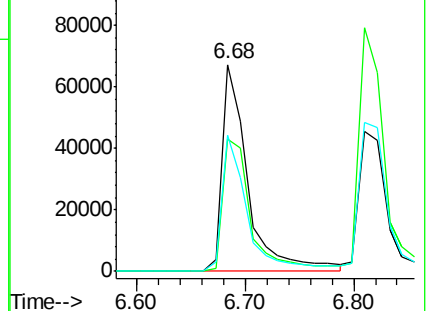
77 65.9 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.44 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

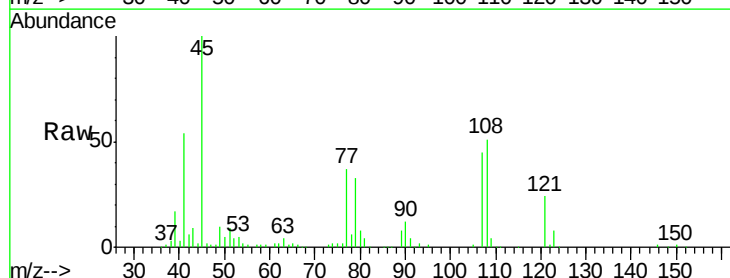
Tgt Ion: 45 Resp: 171252

Ion Ratio Lower Upper

45 100

77 36.5 17.3 57.3

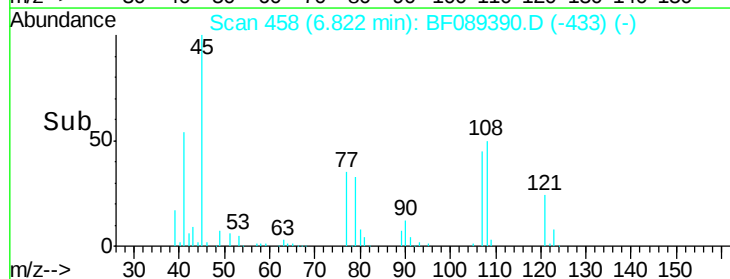
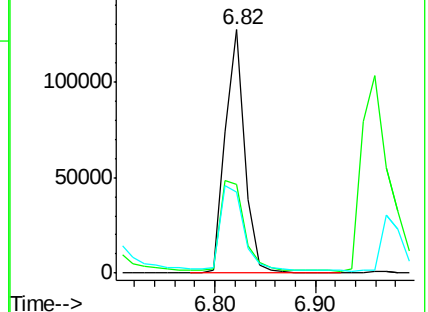
79 33.4 13.9 53.9

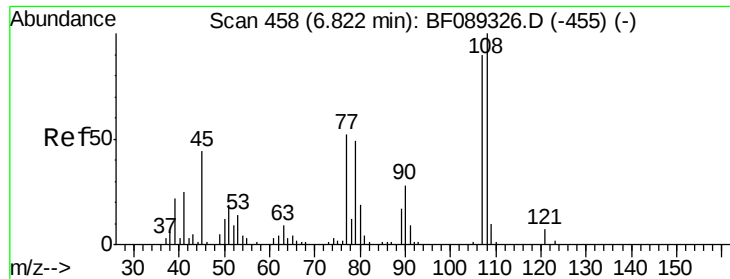


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

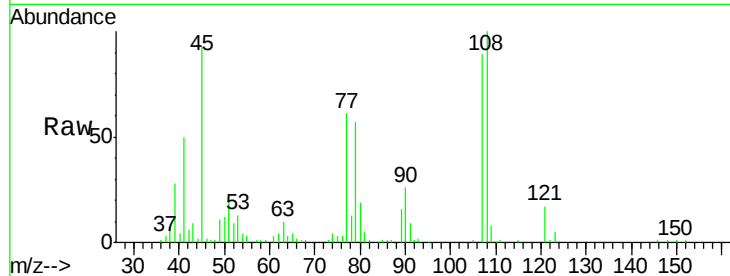




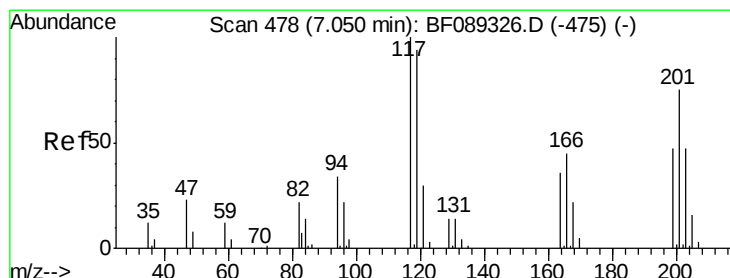
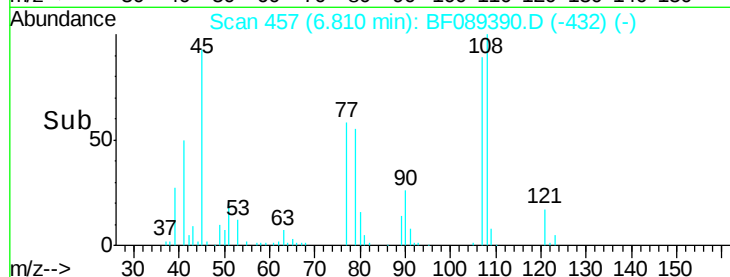
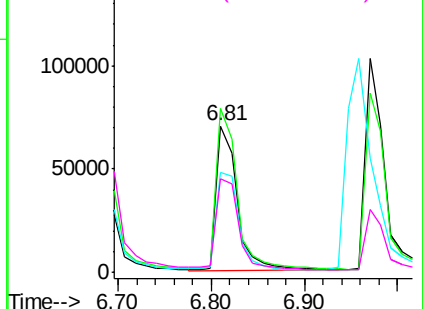
#17
2-Methylphenol
Concen: 36.44 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 107825
Ion Ratio Lower Upper
107 100
108 111.9 91.4 137.0
77 68.5 48.6 73.0
79 64.3 48.2 72.4

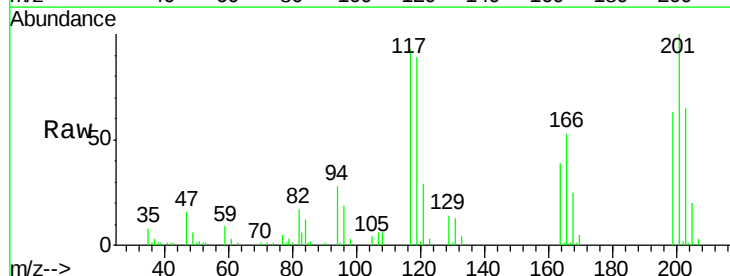


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

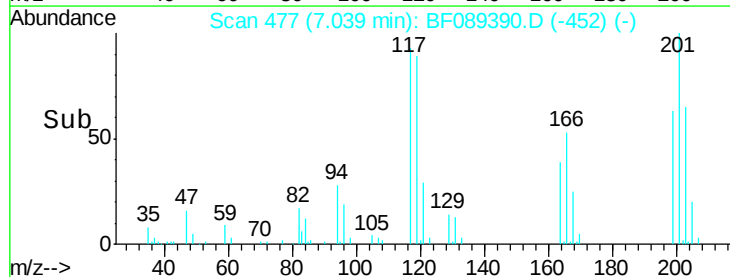
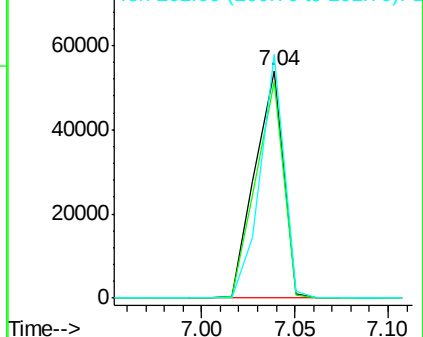


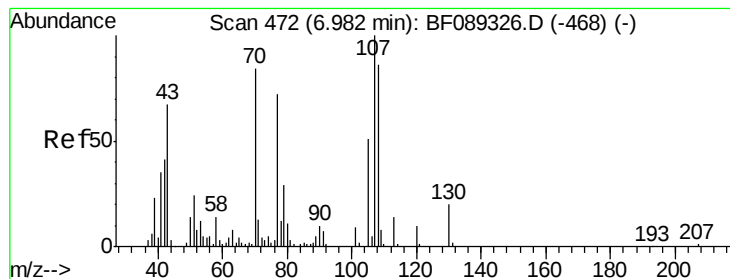
#18
Hexachloroethane
Concen: 33.51 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Tgt Ion:117 Resp: 56776
Ion Ratio Lower Upper
117 100
119 95.3 76.0 114.0
201 107.2 60.0 90.0#



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





#19

n-Nitroso-di-n-propylamine

Concen: 39.61 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 106830

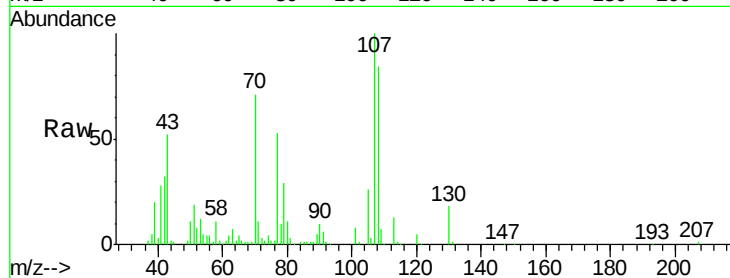
Ion Ratio Lower Upper

70 100

42 45.4 38.6 57.8

101 10.7 8.3 12.5

130 24.9 19.0 28.4

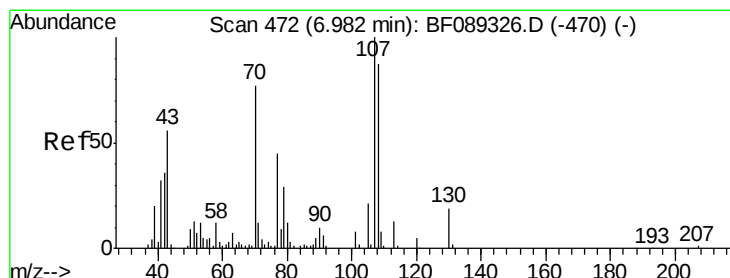
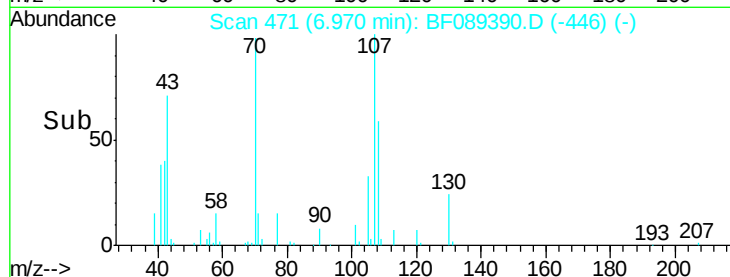
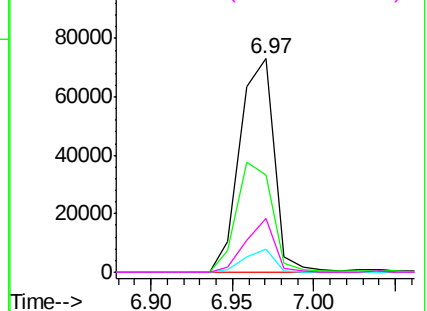


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 39.01 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Tgt Ion: 107 Resp: 148231

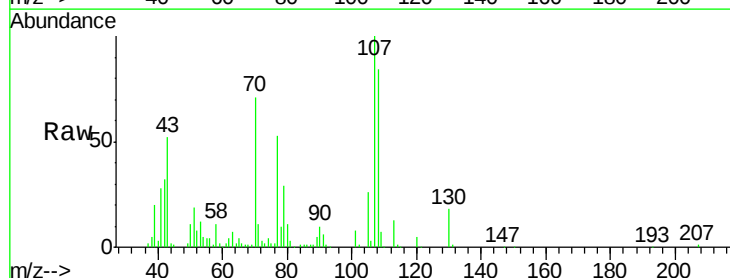
Ion Ratio Lower Upper

107 100

108 84.0 63.3 103.3

77 53.4 51.1 91.1

79 29.1 9.3 49.3

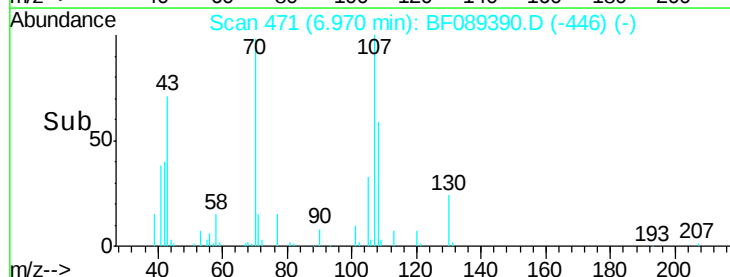
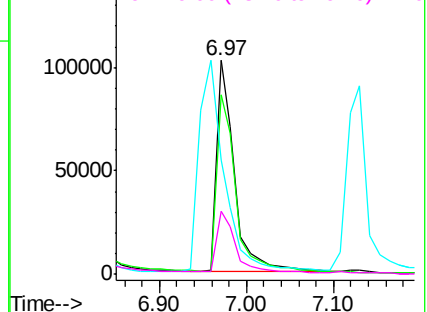


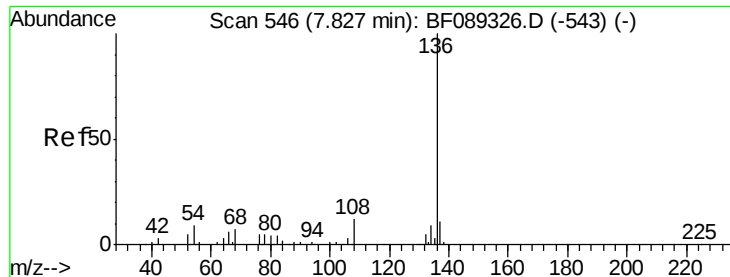
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 212099

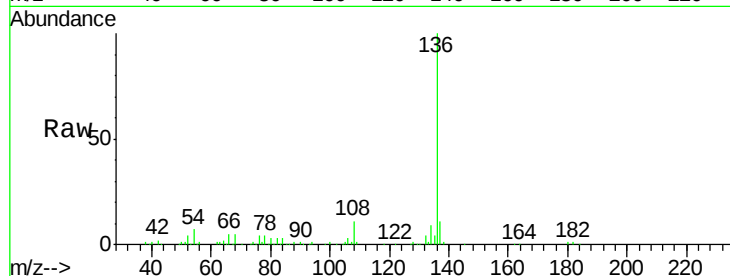
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.4 7.0 10.4

68 5.3 4.9 7.3

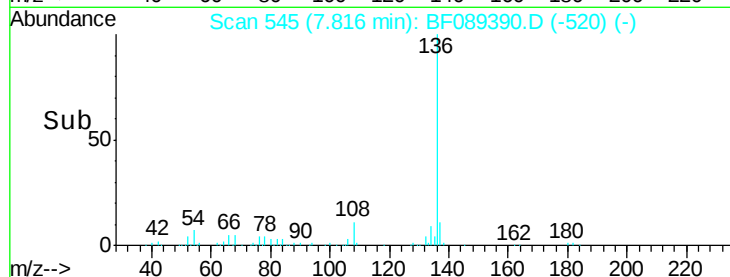


Abundance Ion 136.00 (135.70 to 136.70): E

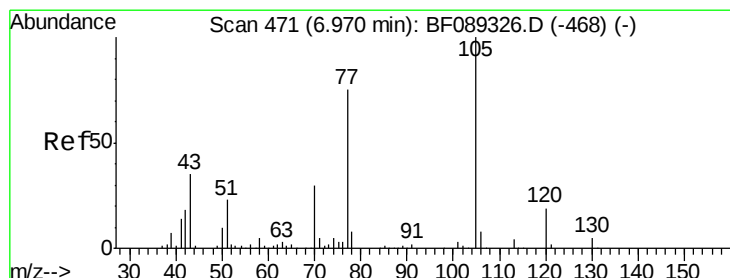
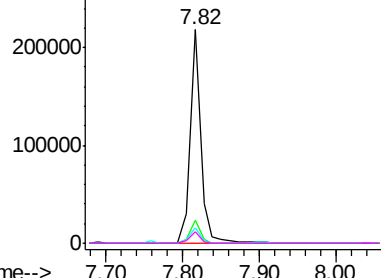
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 42.97 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Tgt Ion:105 Resp: 216969

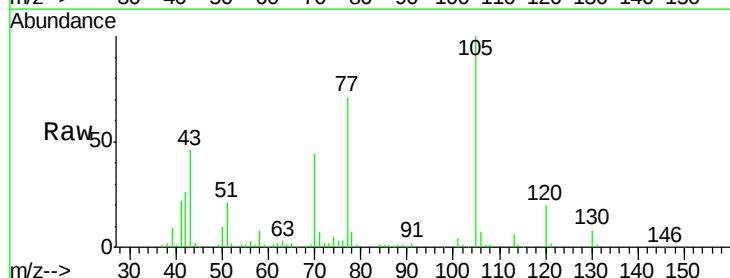
Ion Ratio Lower Upper

105 100

71 7.4 4.2 6.2#

51 21.1 18.7 28.1

120 20.0 15.8 23.6

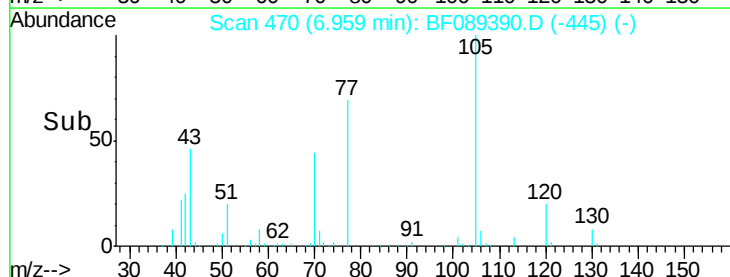


Abundance Ion 105.00 (104.70 to 105.70): E

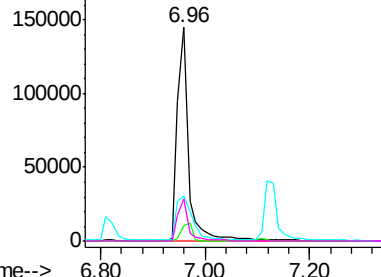
Ion 71.00 (70.70 to 71.70): BF0

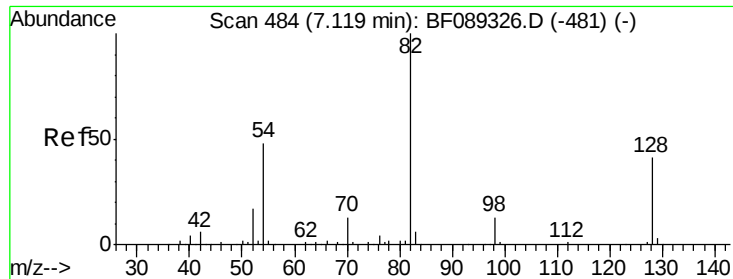
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

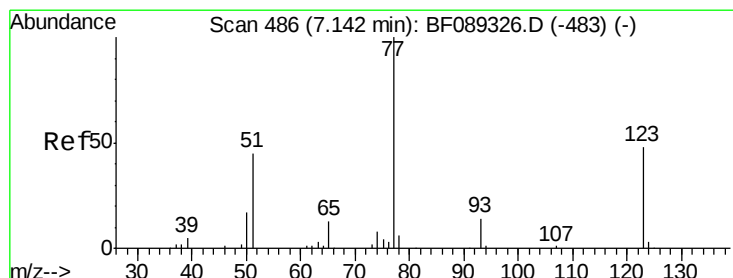
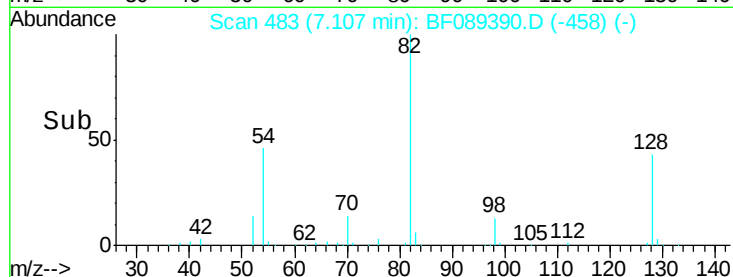
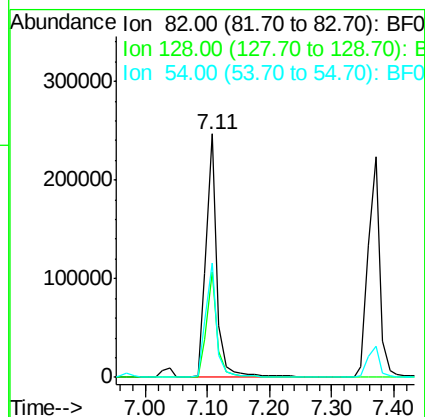
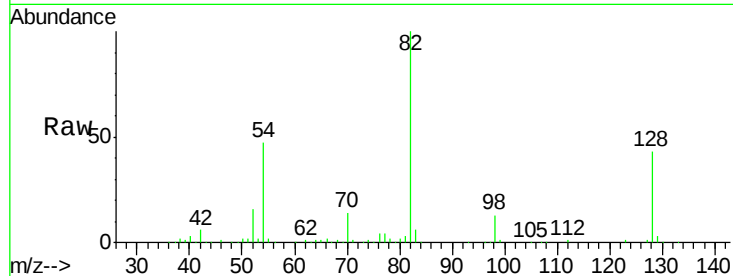




#23
 Nitrobenzene-d5
 Concen: 85.59 ng
 RT: 7.11 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

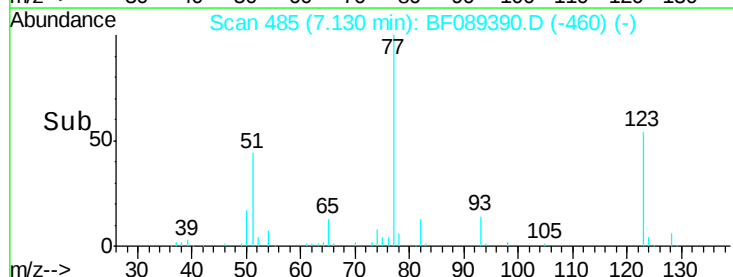
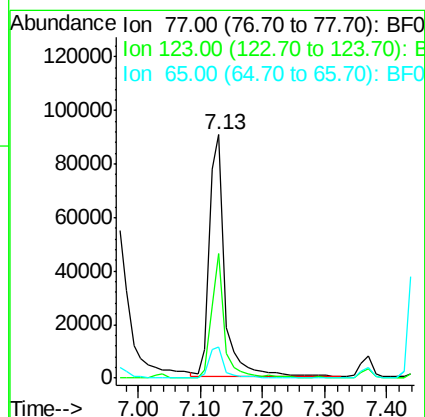
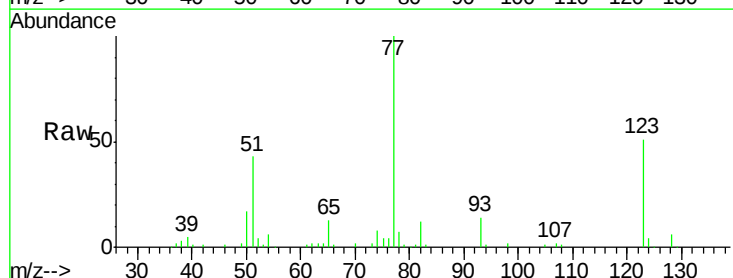
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

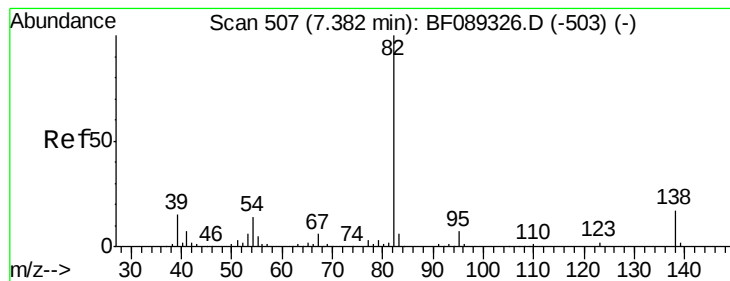
Tgt Ion: 82 Resp: 307570
 Ion Ratio Lower Upper
 82 100
 128 43.2 32.5 48.7
 54 47.2 38.8 58.2



#24
 Nitrobenzene
 Concen: 37.29 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Tgt Ion: 77 Resp: 152490
 Ion Ratio Lower Upper
 77 100
 123 51.3 37.2 55.8
 65 12.7 10.2 15.4





#25

Isophorone

Concen: 39.14 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

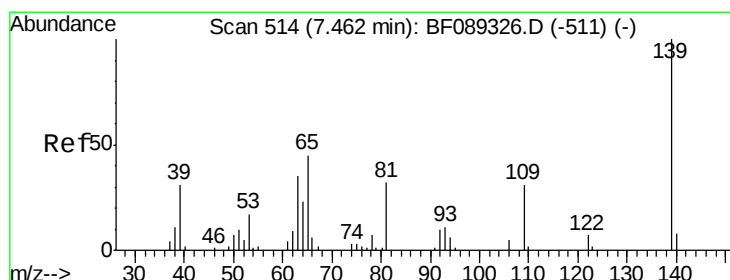
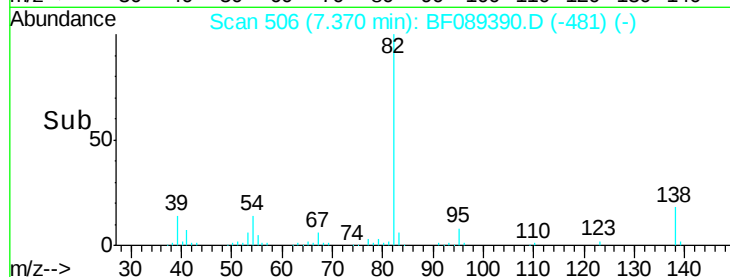
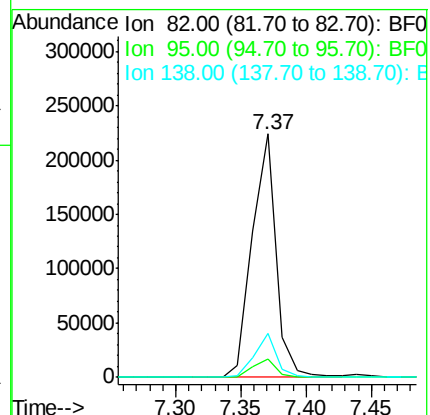
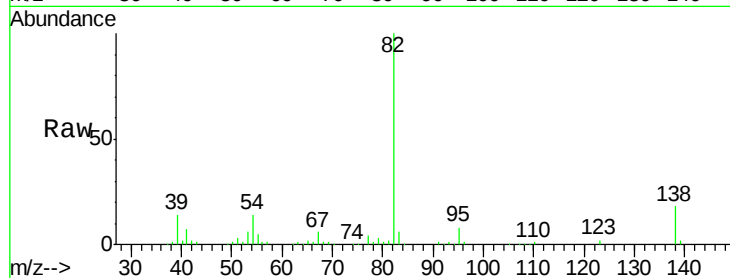
Tgt Ion: 82 Resp: 283302

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

138 18.2 13.3 19.9



#26

2-Nitrophenol

Concen: 39.66 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.02 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

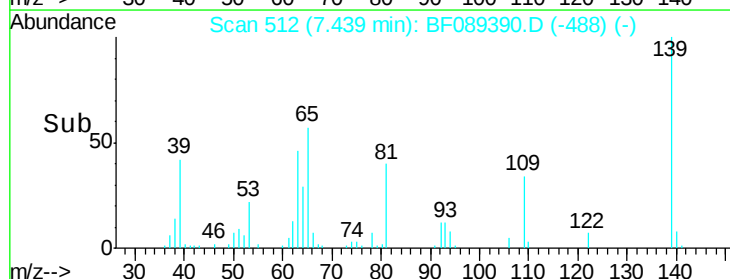
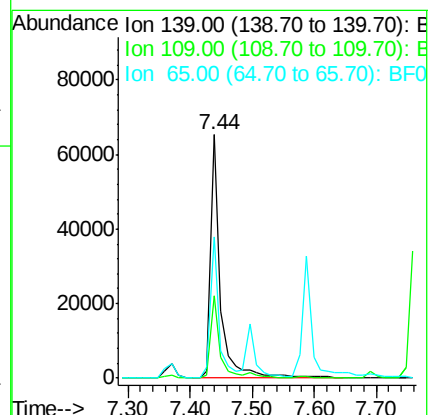
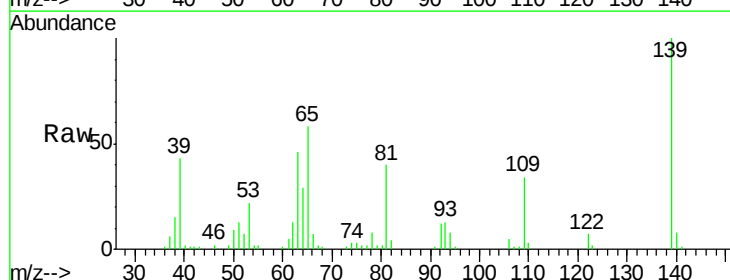
Tgt Ion: 139 Resp: 72517

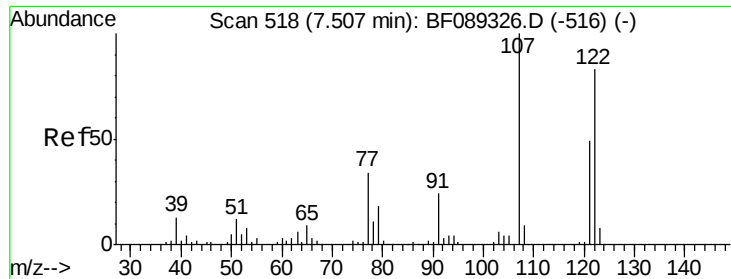
Ion Ratio Lower Upper

139 100

109 33.8 25.8 38.8

65 57.8 35.2 52.8#

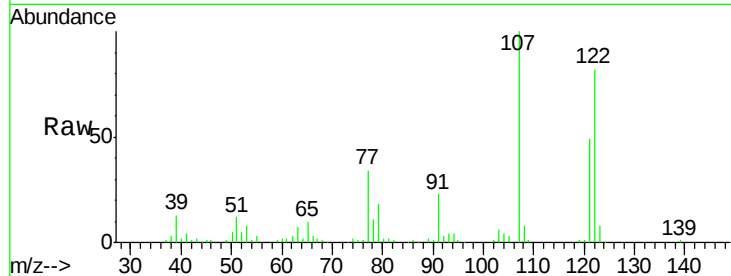




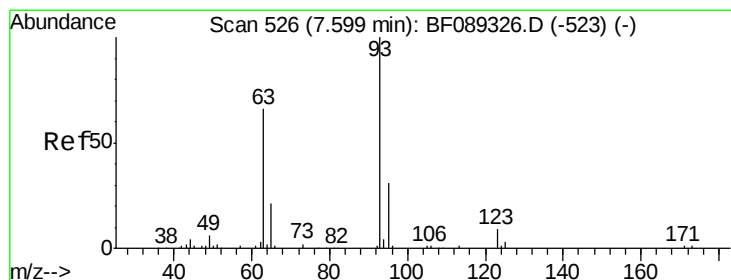
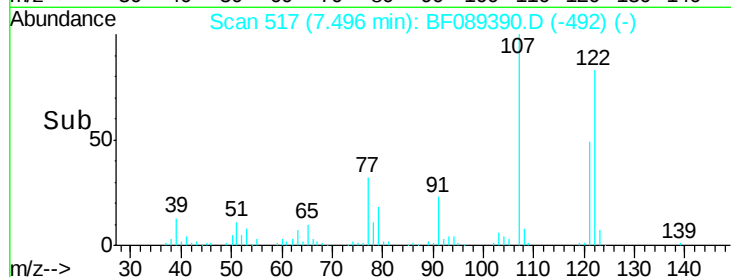
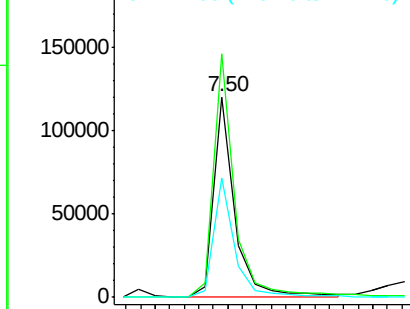
#27
 2,4-Dimethylphenol
 Concen: 41.91 ng
 RT: 7.50 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 122 Resp: 122064
 Ion Ratio Lower Upper
 122 100
 107 121.6 97.2 145.8
 121 59.8 48.8 73.2

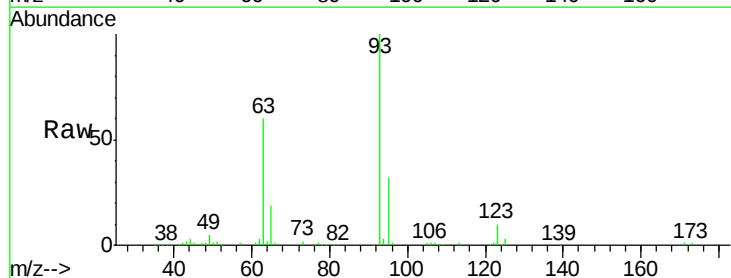


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

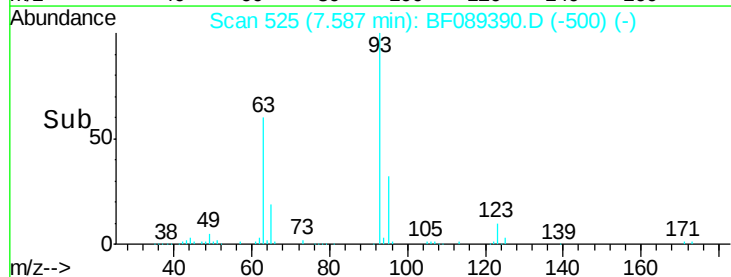
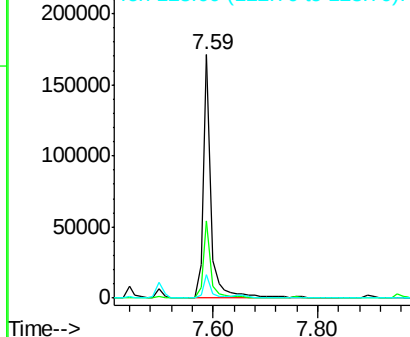


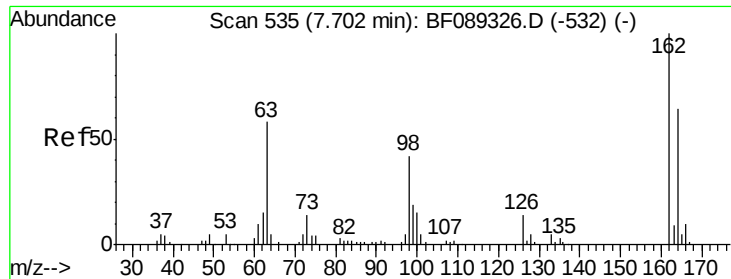
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.77 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Tgt Ion: 93 Resp: 179370
 Ion Ratio Lower Upper
 93 100
 95 31.7 24.7 37.1
 123 9.7 7.5 11.3



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

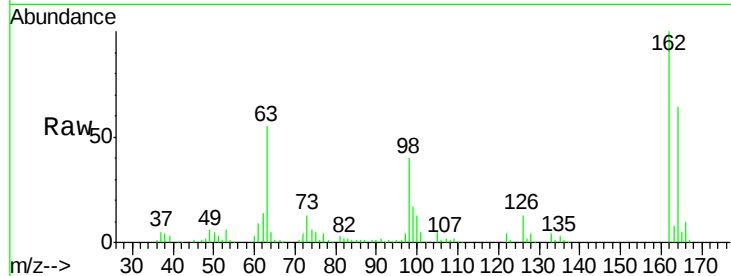




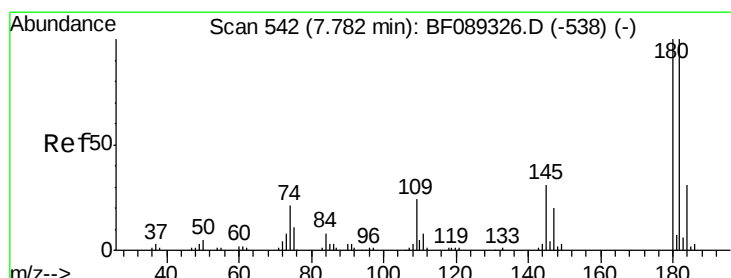
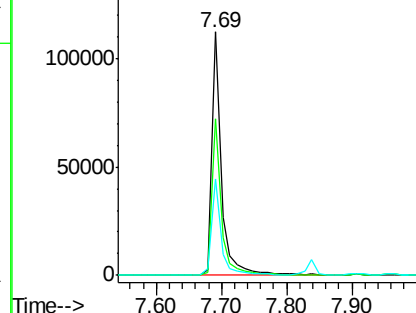
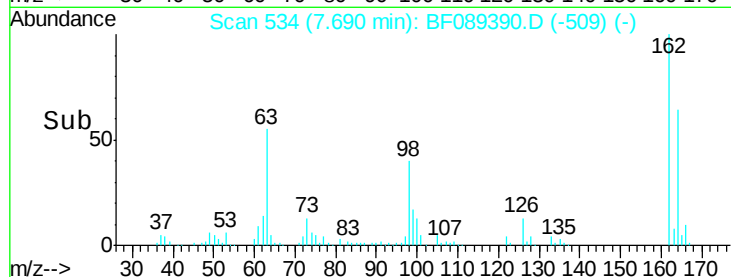
#29
 2,4-Dichlorophenol
 Concen: 43.71 ng
 RT: 7.69 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.0	84.0
98	39.9	21.8	61.8

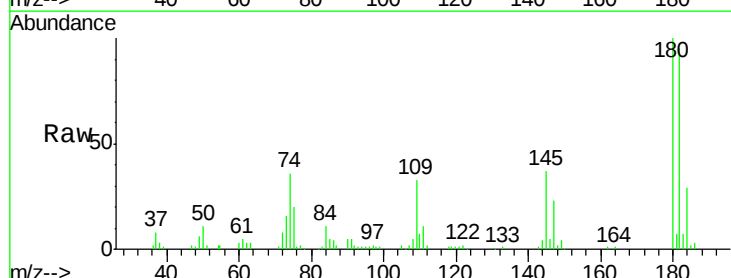


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

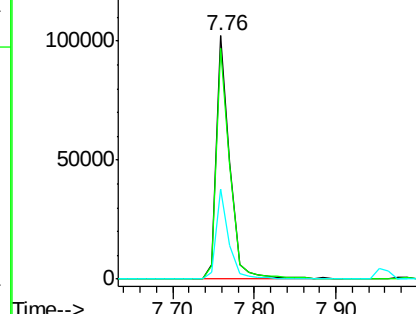
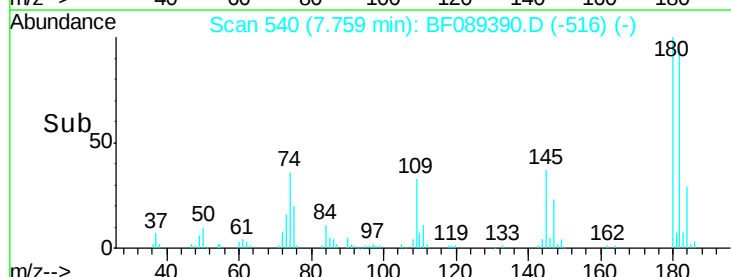


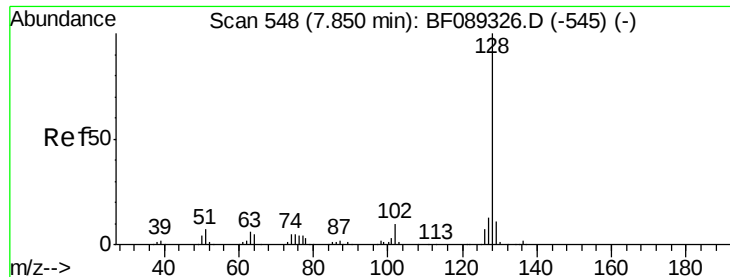
#30
 1,2,4-Trichlorobenzene
 Concen: 39.20 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.2	117.2
145	37.1	24.6	36.8#



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

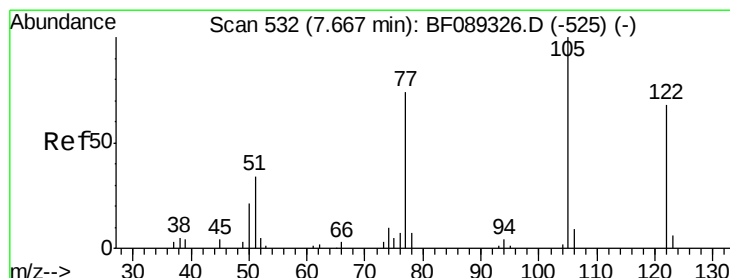
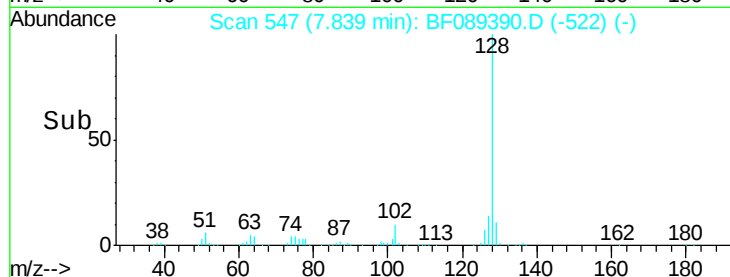
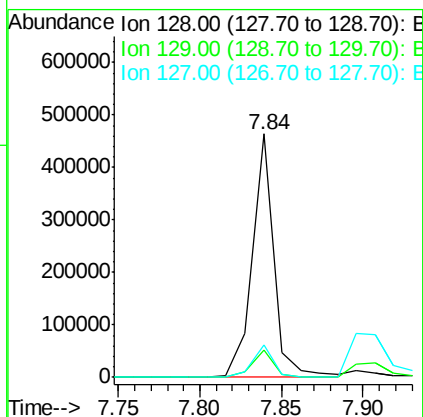
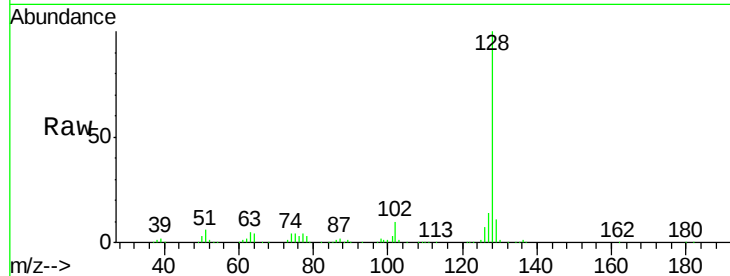




#31
Naphthalene
Concen: 40.65 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

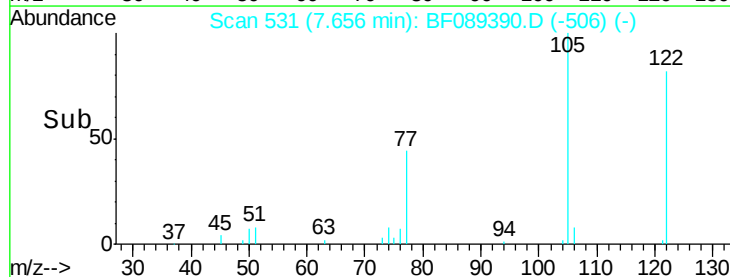
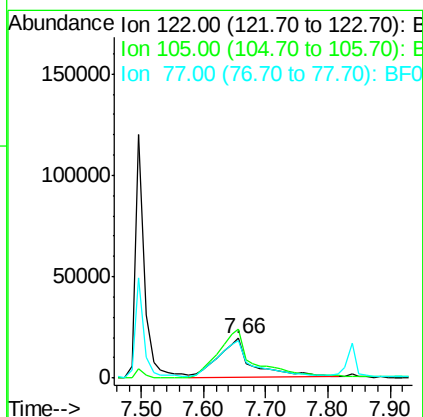
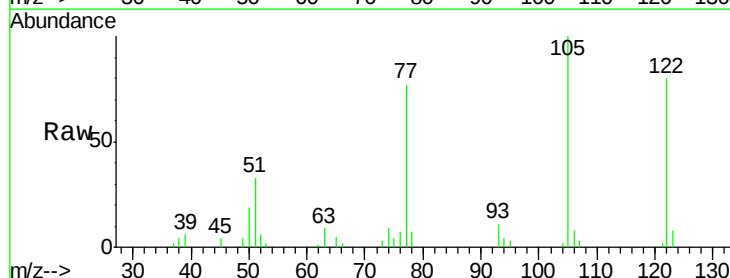
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

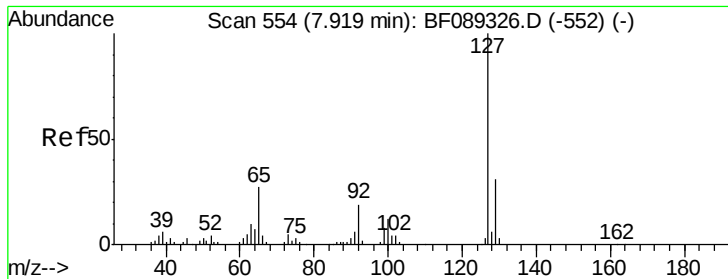
Tgt Ion:128 Resp: 426954
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 34.43 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Tgt Ion:122 Resp: 69890
Ion Ratio Lower Upper
122 100
105 125.3 106.4 146.4
77 96.2 76.4 116.4

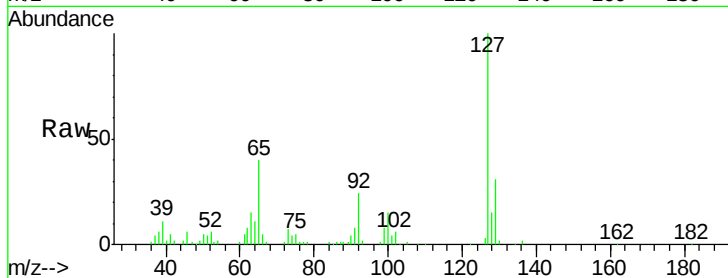




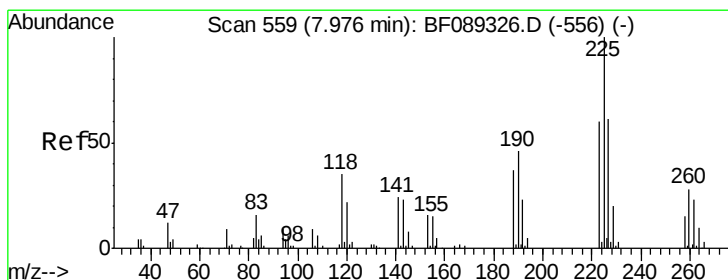
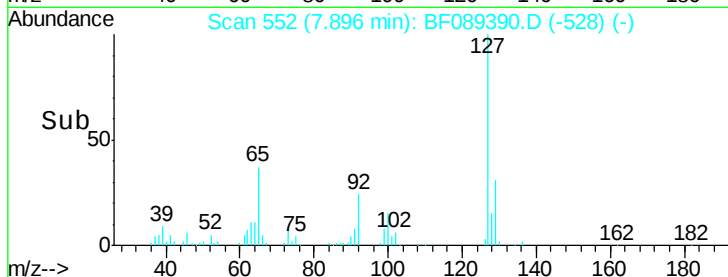
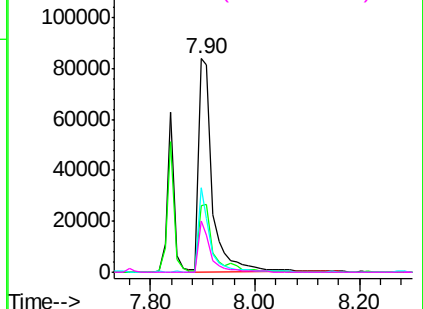
#33
4-Chloroaniline
Concen: 39.24 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	156897
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.1	39.1
65	39.6	22.0	33.0#
92	23.7	15.2	22.8#

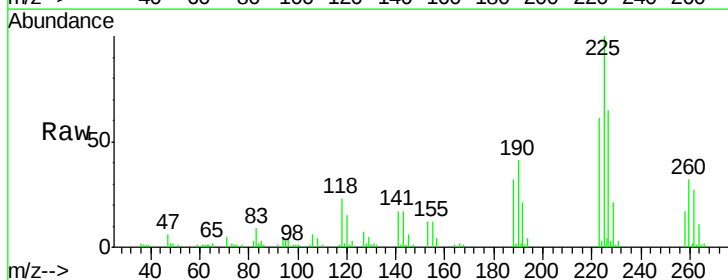


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

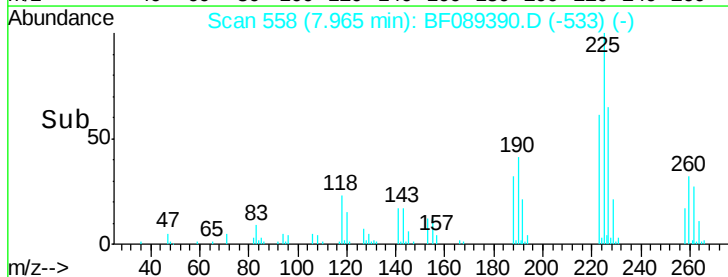
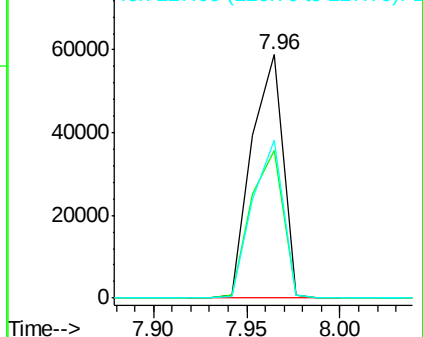


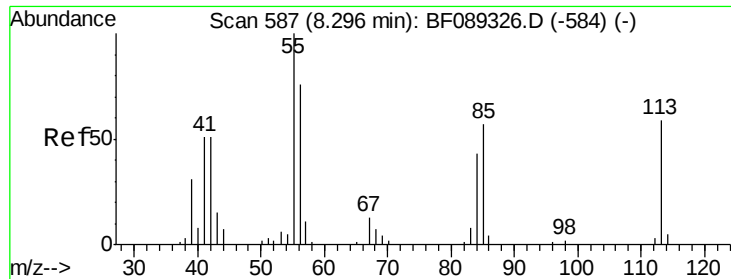
#34
Hexachlorobutadiene
Concen: 39.51 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Tgt Ion:	225	Resp:	68527
Ion	Ratio	Lower	Upper
225	100		
223	60.9	49.8	74.8
227	64.8	49.4	74.2



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

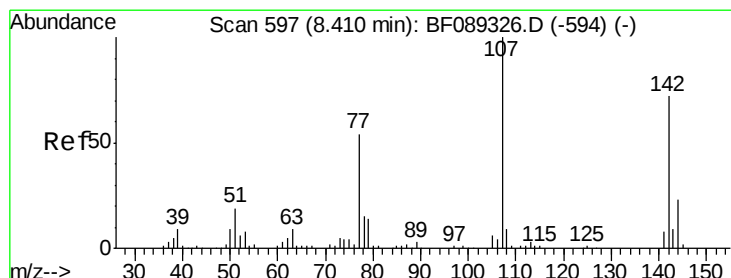
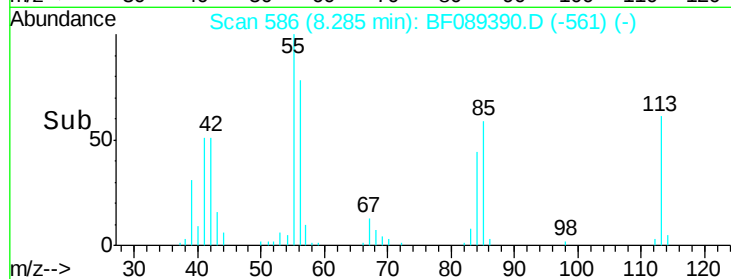
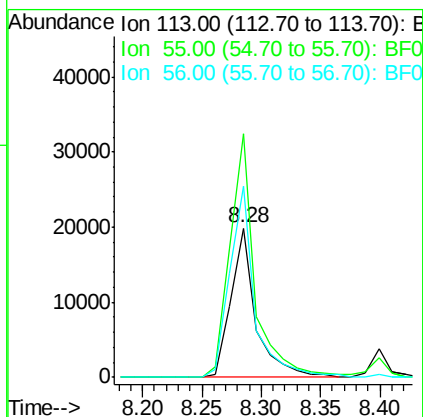
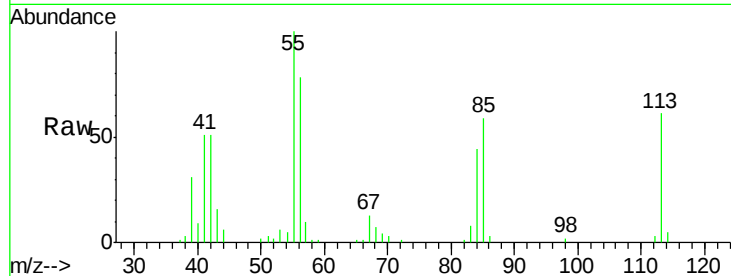




#35
 Caprolactam
 Concen: 36.04 ng
 RT: 8.28 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

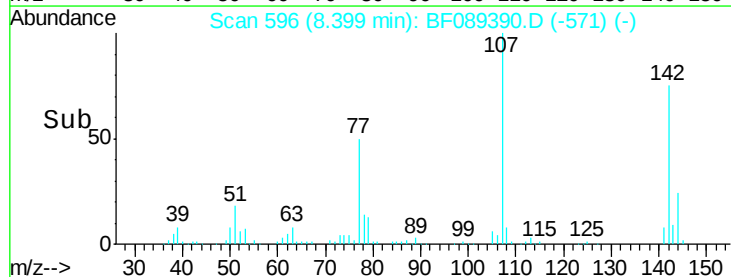
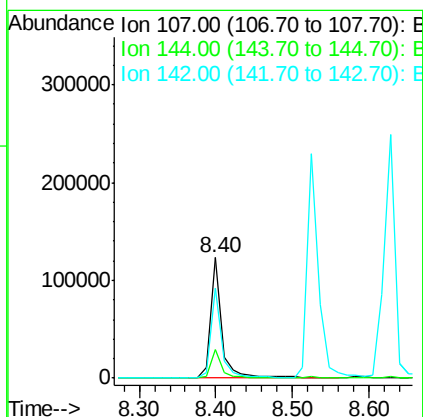
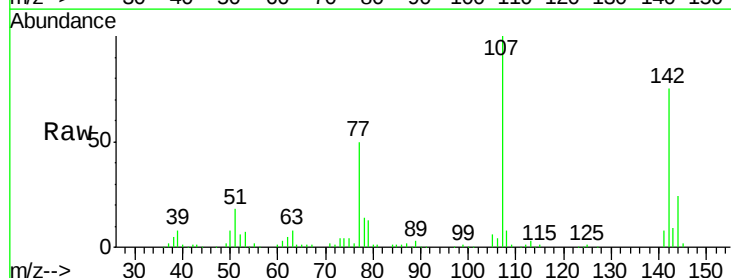
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

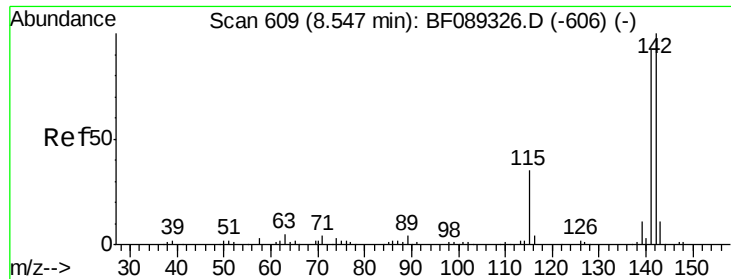
Tgt Ion:113 Resp: 28873
 Ion Ratio Lower Upper
 113 100
 55 163.3 142.3 182.3
 56 128.0 105.8 145.8



#36
 4-Chloro-3-methylphenol
 Concen: 39.87 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Tgt Ion:107 Resp: 125783
 Ion Ratio Lower Upper
 107 100
 144 23.6 18.4 27.6
 142 75.0 58.6 87.8

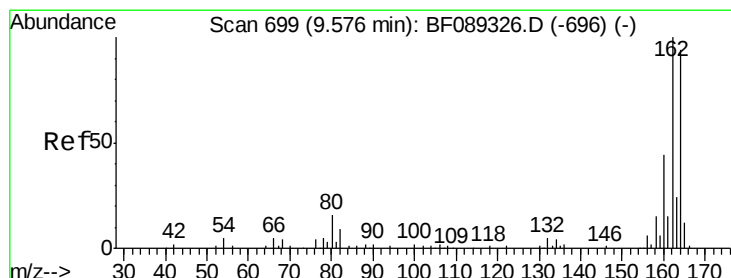
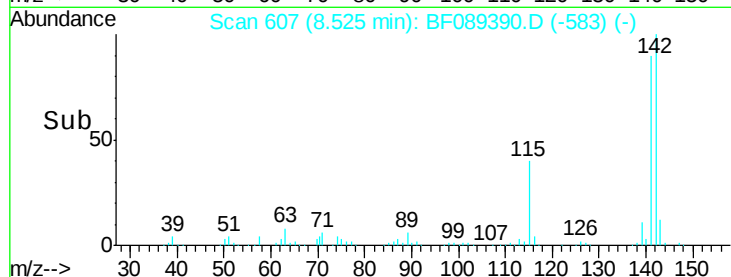
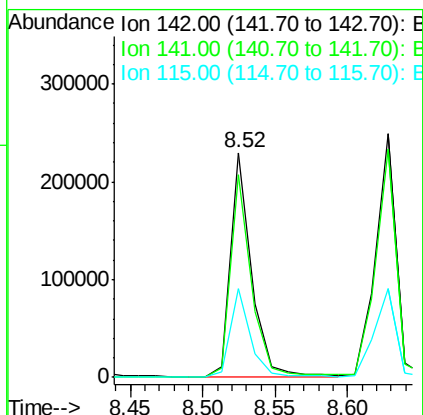
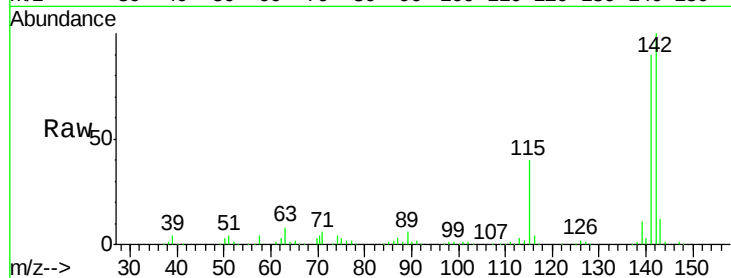




#37
 2-Methylnaphthalene
 Concen: 36.67 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

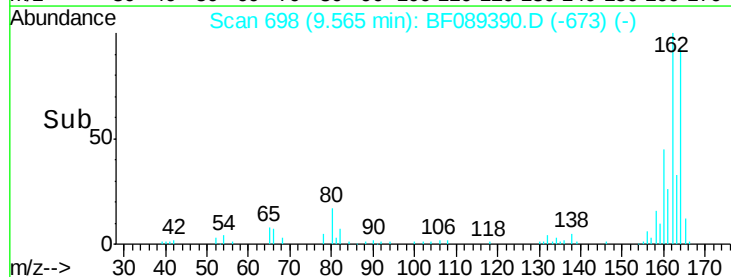
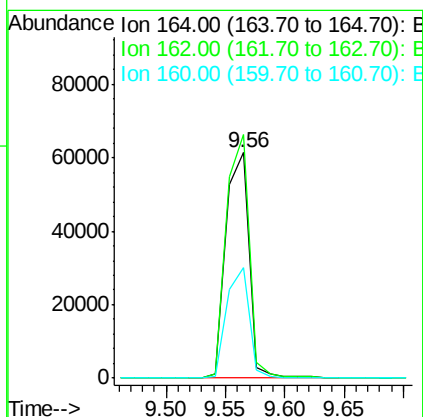
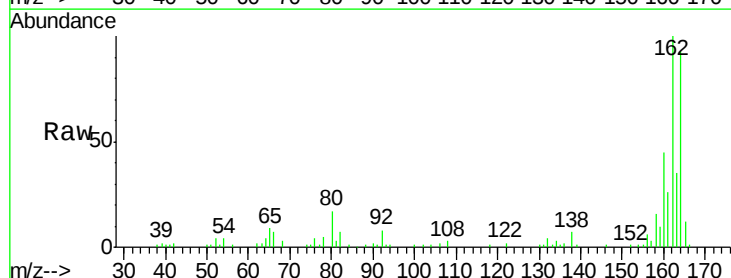
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

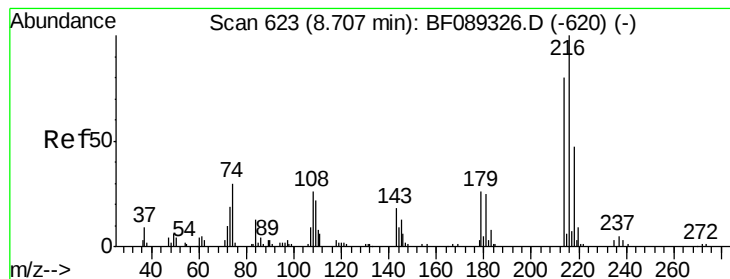
Tgt Ion:142 Resp: 232064
 Ion Ratio Lower Upper
 142 100
 141 90.2 70.9 106.3
 115 39.8 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Tgt Ion:164 Resp: 82621
 Ion Ratio Lower Upper
 164 100
 162 108.0 83.7 125.5
 160 48.8 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.80 ng

RT: 8.70 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 135314

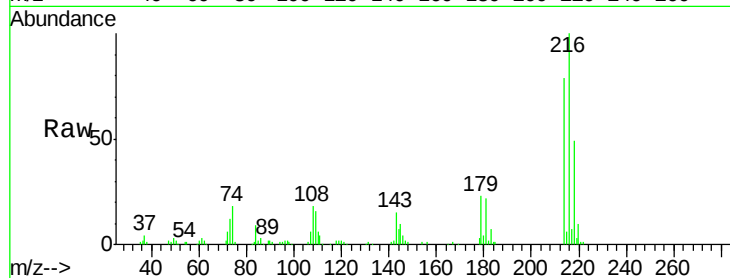
Ion Ratio Lower Upper

216 100

214 79.2 63.3 94.9

179 22.8 18.1 27.1

108 19.5 17.2 25.8

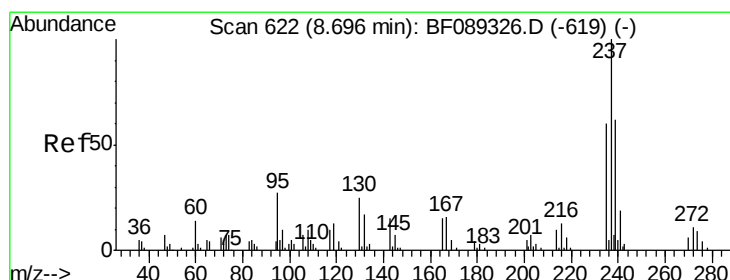
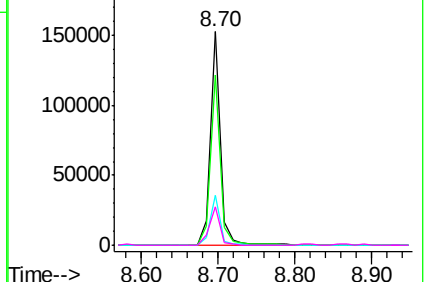
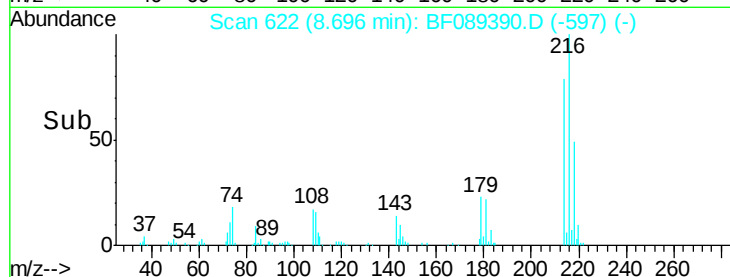


Abundance Ion 216.00 (215.70 to 216.70): E

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: 13.13 ng

RT: 8.68 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

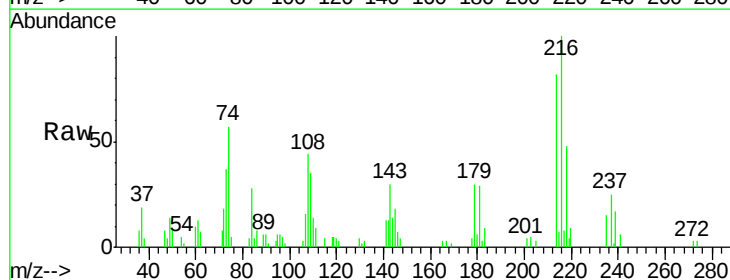
Tgt Ion:237 Resp: 3912

Ion Ratio Lower Upper

237 100

235 60.9 41.6 81.6

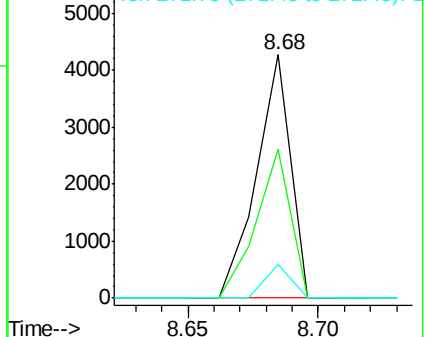
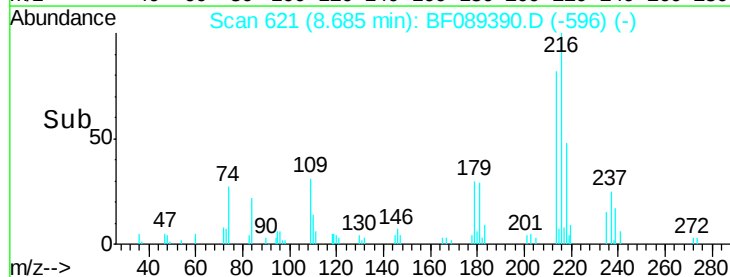
272 13.7 0.0 30.8

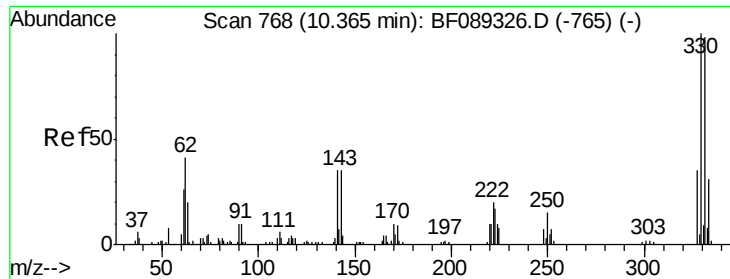


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

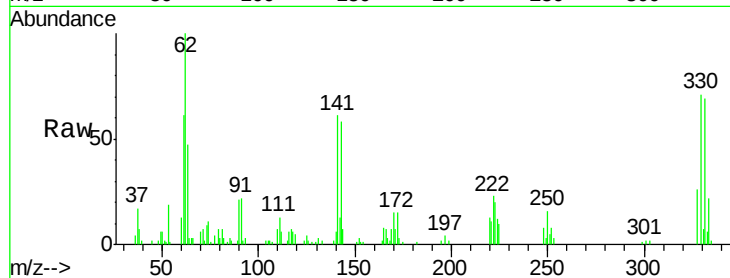




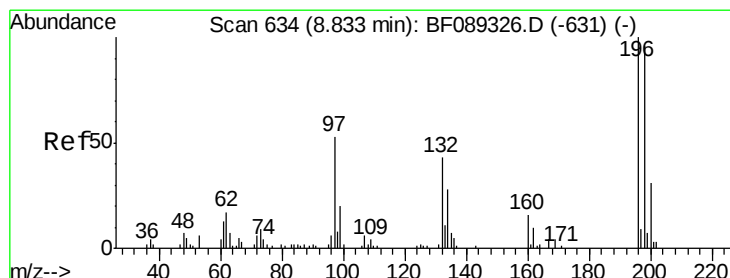
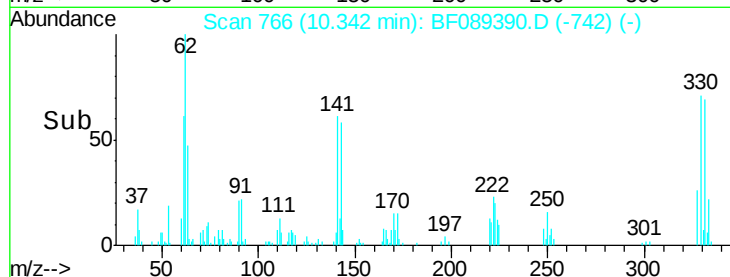
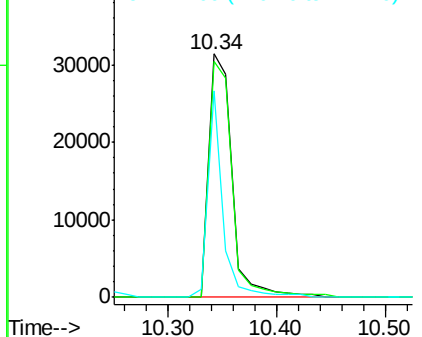
#41
 2,4,6-Tribromophenol
 Concen: 69.19 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 47348
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.8 115.2
 141 54.6 37.3 55.9

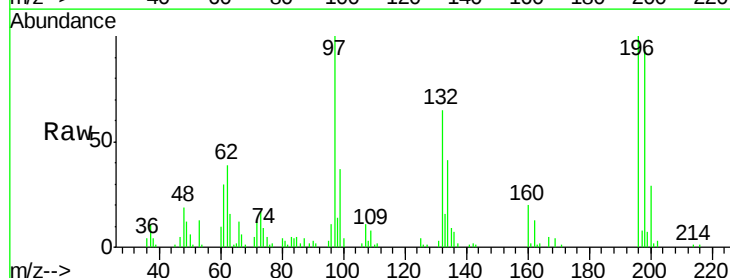


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

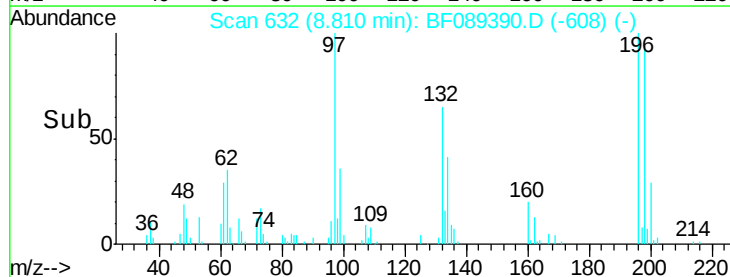
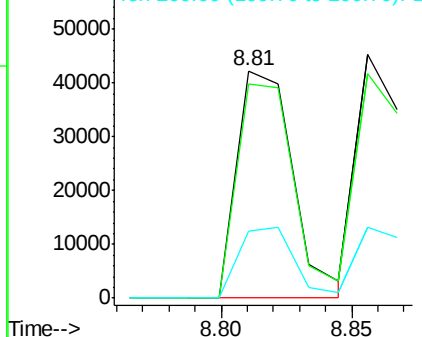


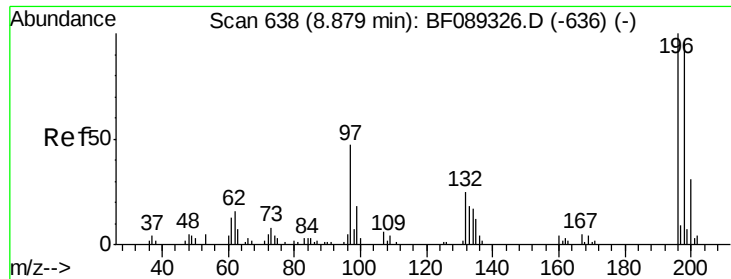
#42
 2,4,6-Trichlorophenol
 Concen: 45.62 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Tgt Ion:196 Resp: 62713
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.5 113.3
 200 29.4 23.9 35.9



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

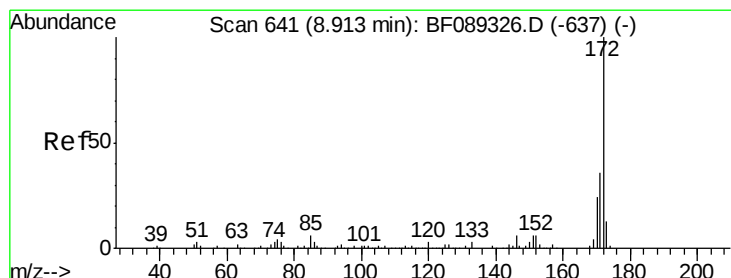
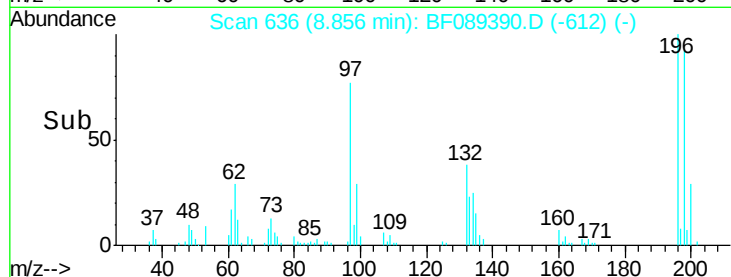
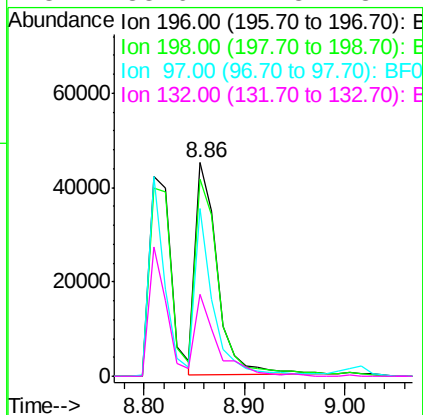
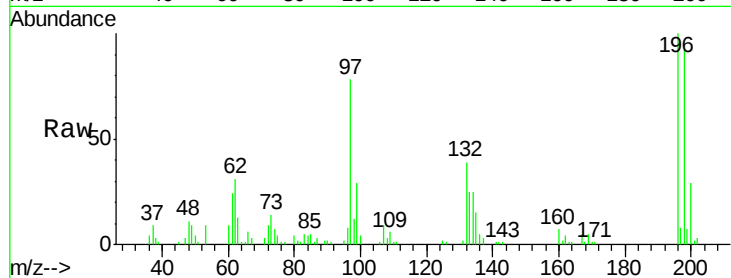




#43
 2,4,5-Trichlorophenol
 Concen: 39.92 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

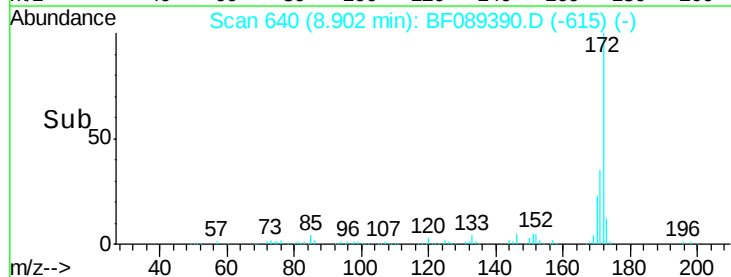
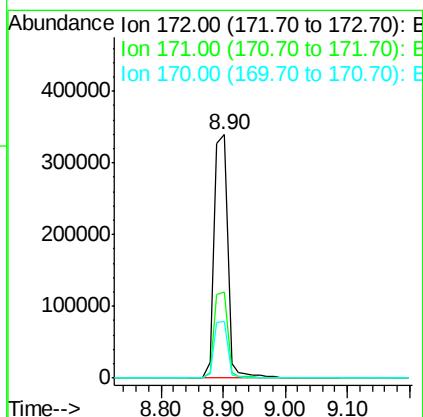
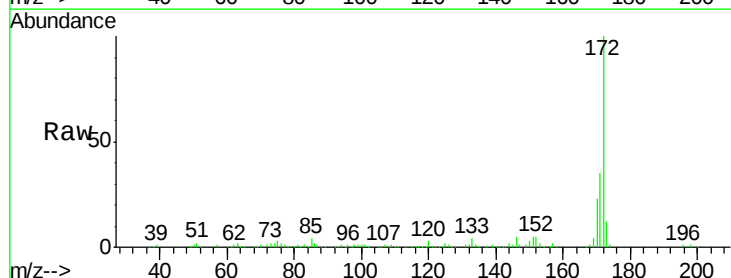
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

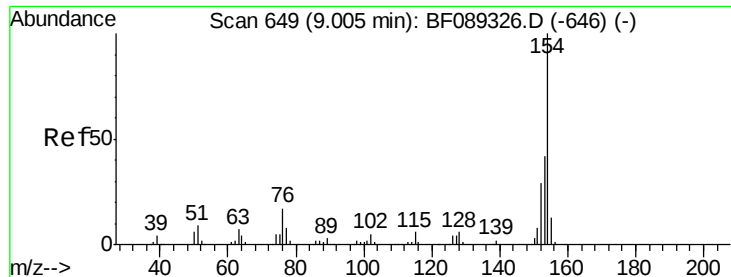
Tgt Ion:196 Resp: 69510
 Ion Ratio Lower Upper
 196 100
 198 92.3 78.7 118.1
 97 78.4 39.7 59.5#
 132 38.6 22.8 34.2#



#44
 2-Fluorobiphenyl
 Concen: 90.66 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Tgt Ion:172 Resp: 510418
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.2 43.8
 170 23.1 19.2 28.8





#45

1,1'-Biphenyl

Concen: 46.13 ng

RT: 8.99 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

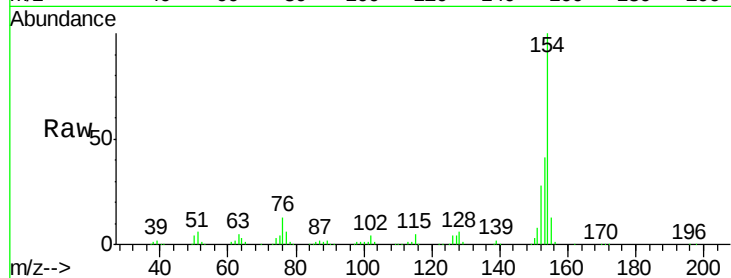
Tgt Ion:154 Resp: 324510

Ion Ratio Lower Upper

154 100

153 41.3 21.0 61.0

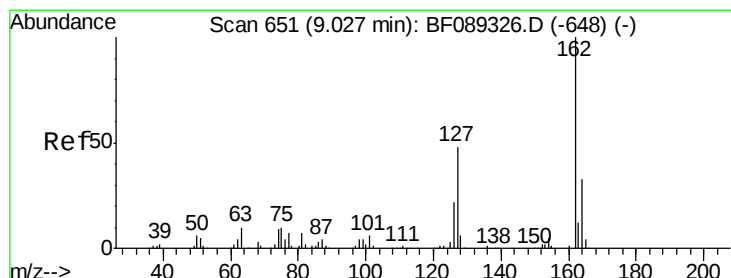
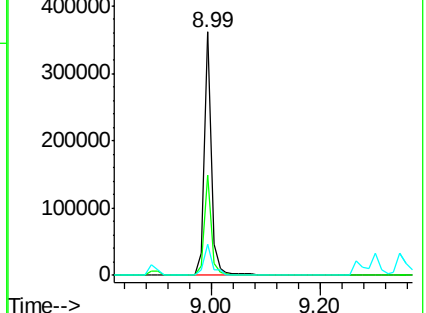
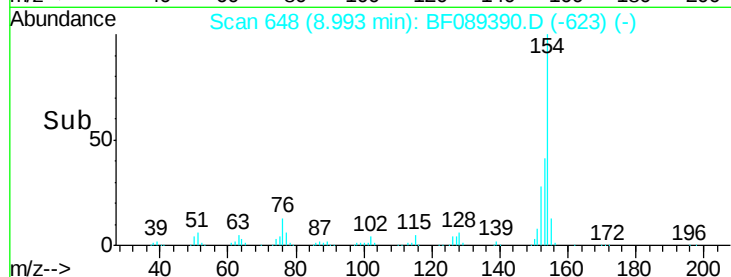
76 13.0 0.0 36.6



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: 44.62 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

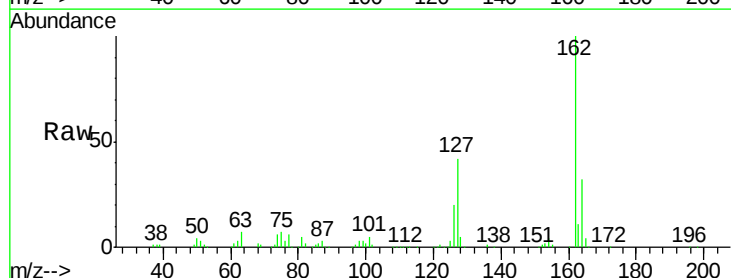
Tgt Ion:162 Resp: 235753

Ion Ratio Lower Upper

162 100

127 41.7 37.8 56.8

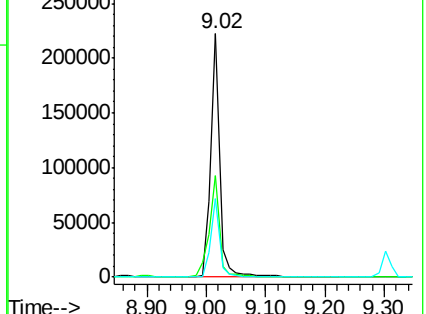
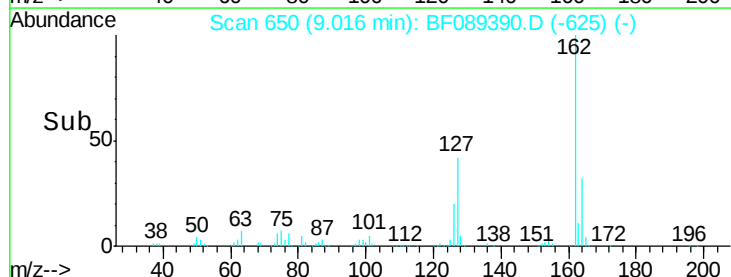
164 32.5 25.8 38.8

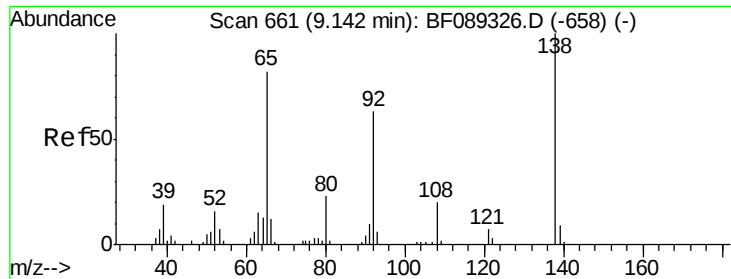


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

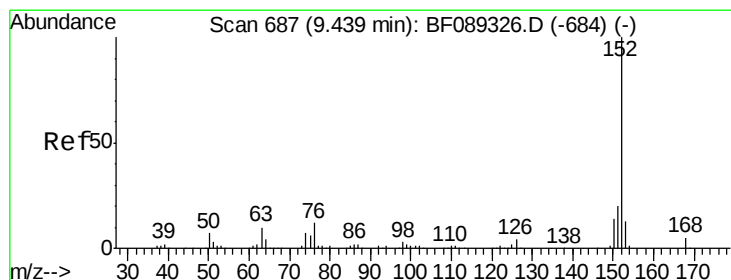
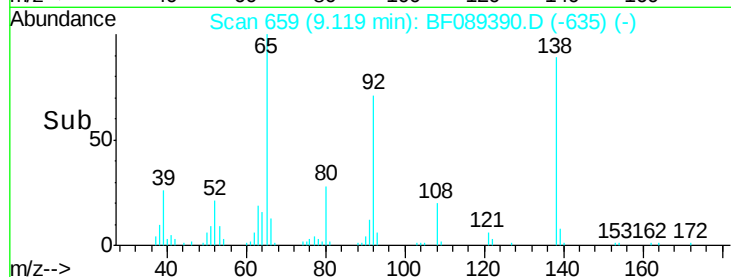
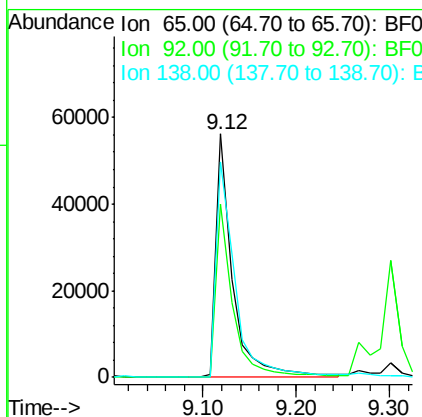
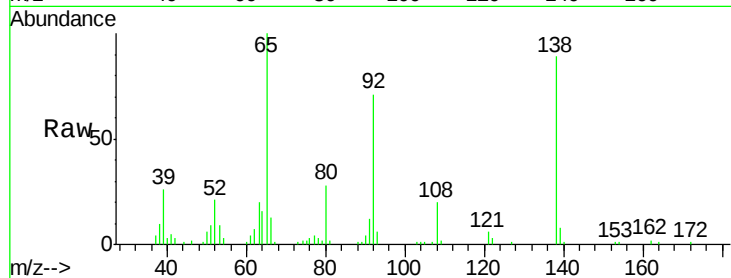




#47
2-Nitroaniline
Concen: 44.72 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

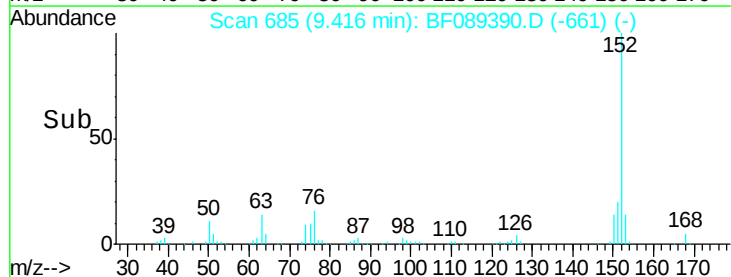
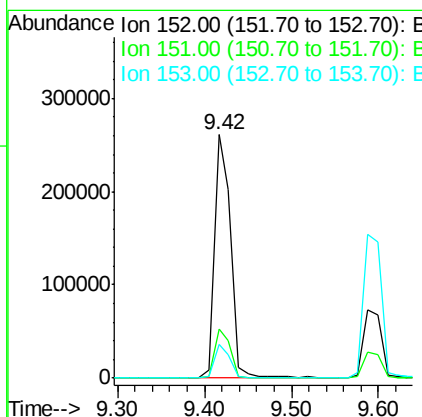
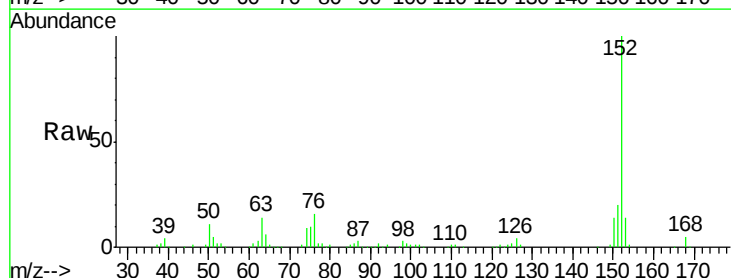
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

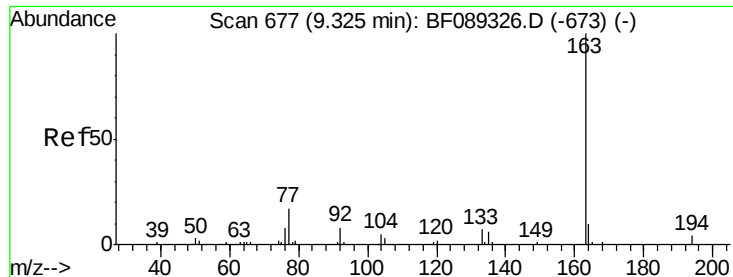
Tgt Ion: 65 Resp: 69971
Ion Ratio Lower Upper
65 100
92 71.1 61.0 91.4
138 88.7 99.1 148.7#



#48
Acenaphthylene
Concen: 41.02 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Tgt Ion: 152 Resp: 341372
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.6 10.2 15.4

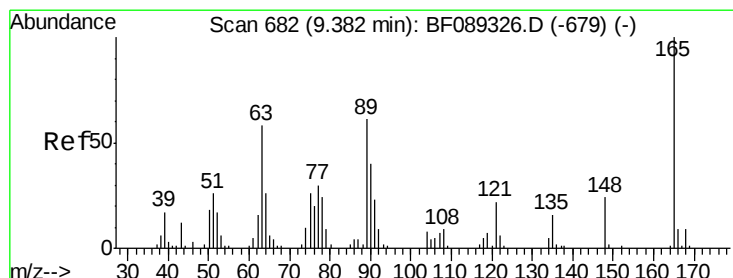
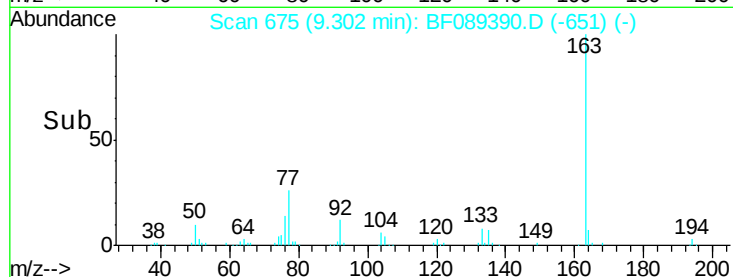
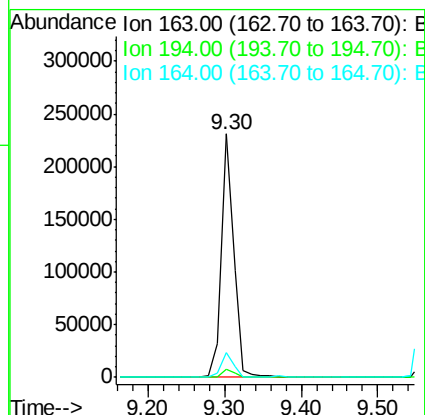
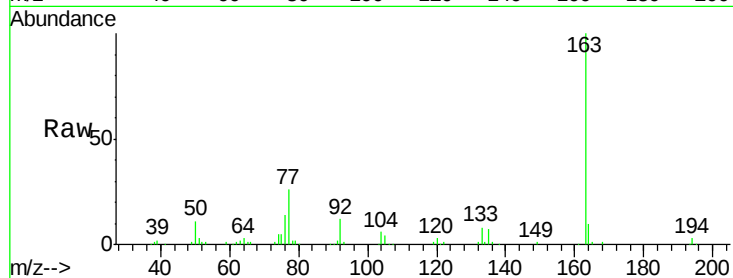




#49
Dimethylphthalate
Concen: 41.55 ng
RT: 9.30 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

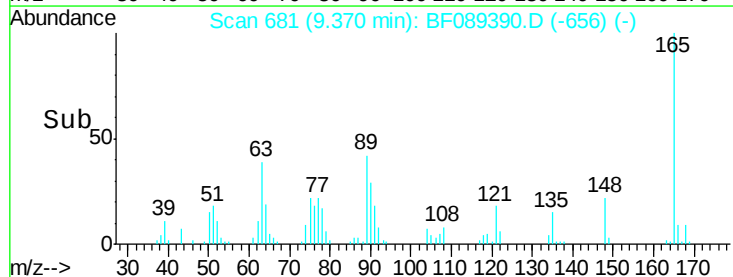
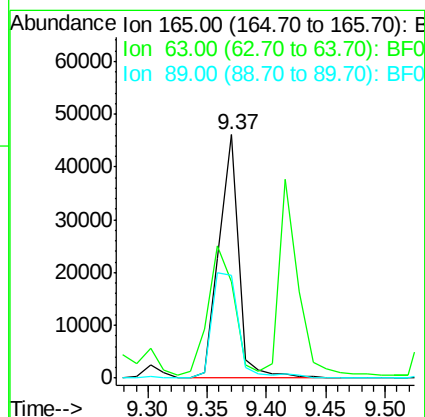
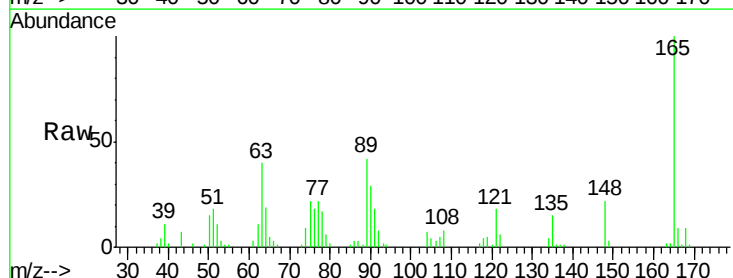
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

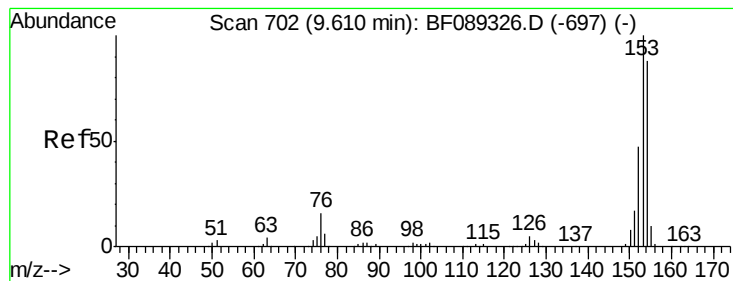
Tgt Ion:163 Resp: 261272
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.4 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 41.04 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Tgt Ion:165 Resp: 53023
Ion Ratio Lower Upper
165 100
63 39.6 43.5 65.3#
89 42.1 45.0 67.4#





#51

Acenaphthene

Concen: 39.32 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

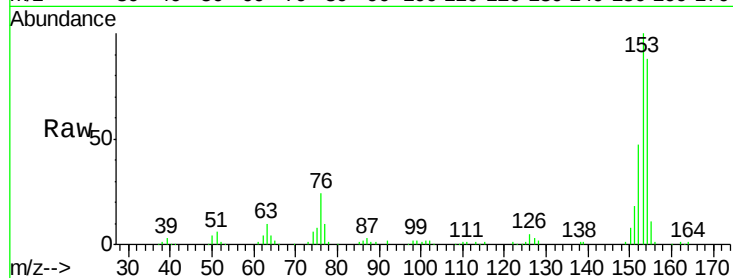
Tgt Ion:154 Resp: 191054

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

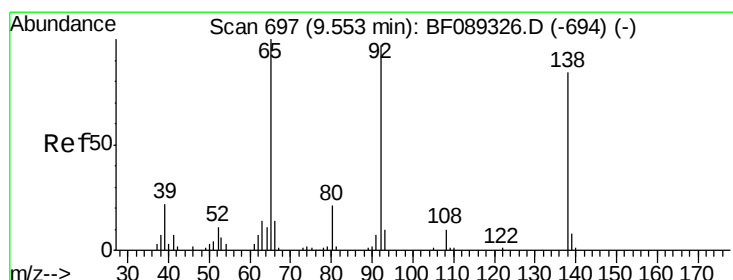
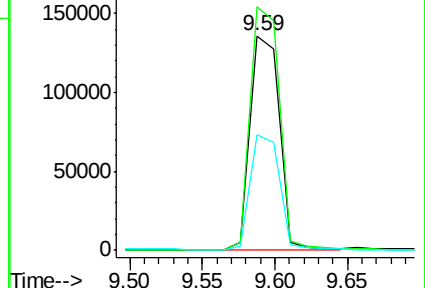
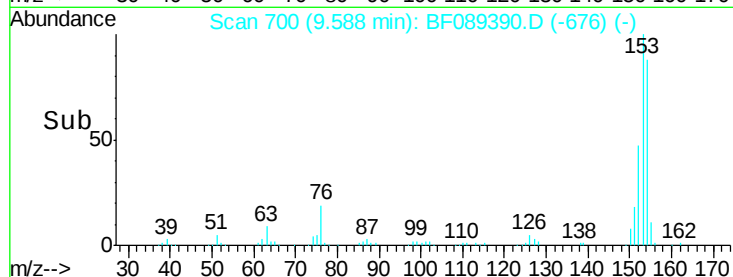
152 53.9 43.8 65.6



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: 43.58 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

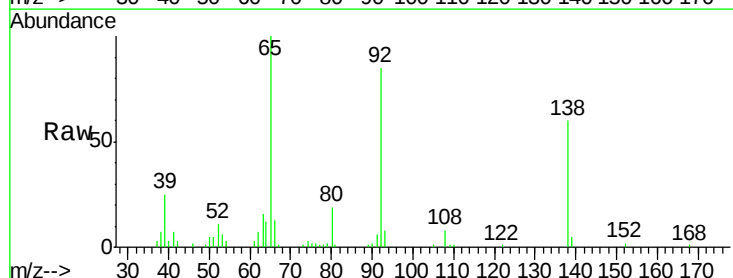
Tgt Ion:138 Resp: 59418

Ion Ratio Lower Upper

138 100

108 12.8 8.6 13.0

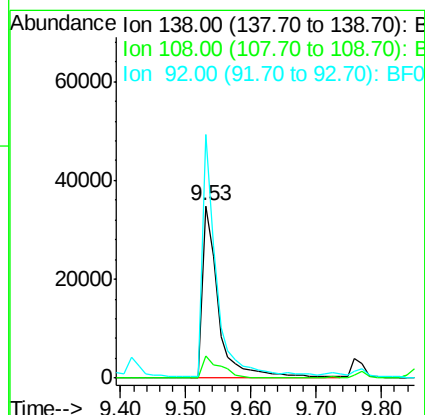
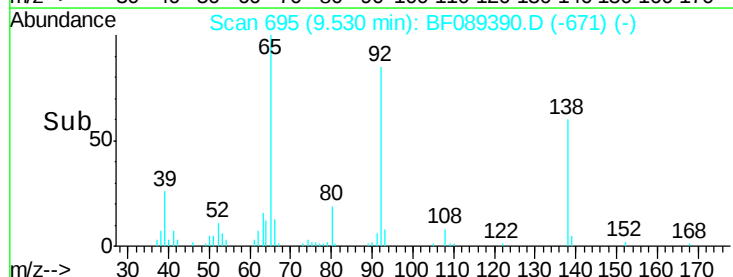
92 141.3 90.0 135.0#

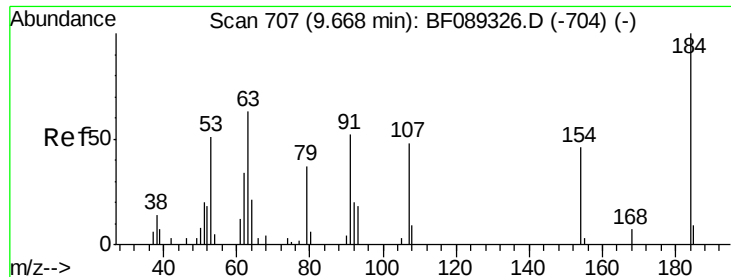


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

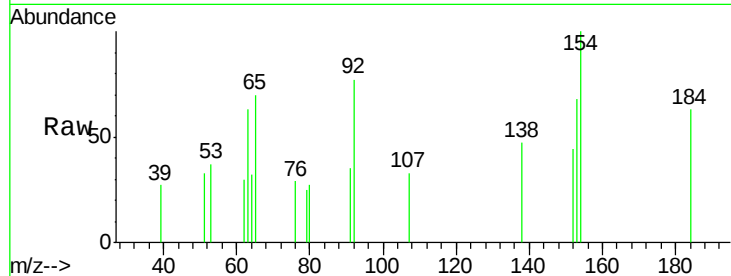




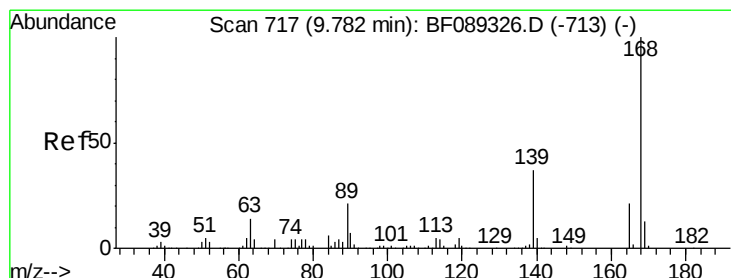
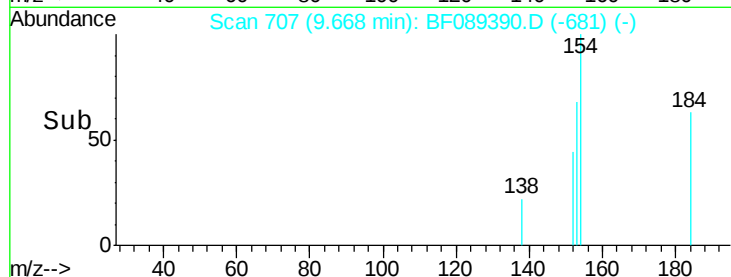
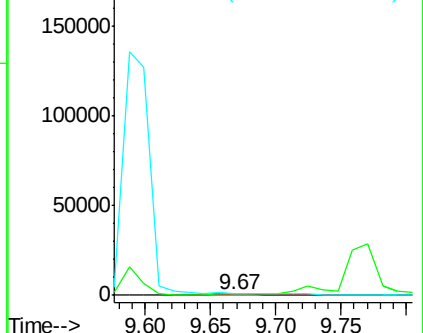
#53
2,4-Dinitrophenol
Concen: 12.06 ng
RT: 9.67 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 2673
Ion Ratio Lower Upper
184 100
63 99.7 60.6 90.8#
154 158.9 69.8 104.8#

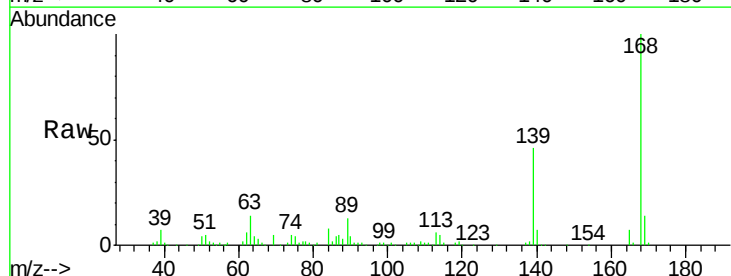


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

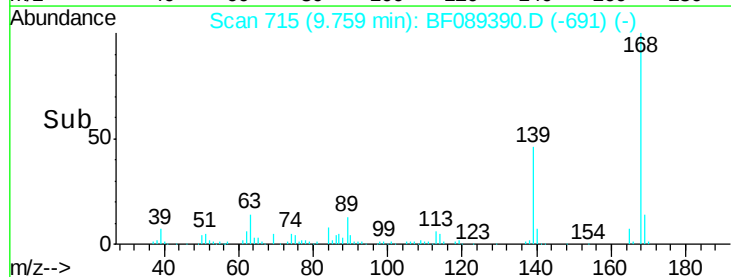
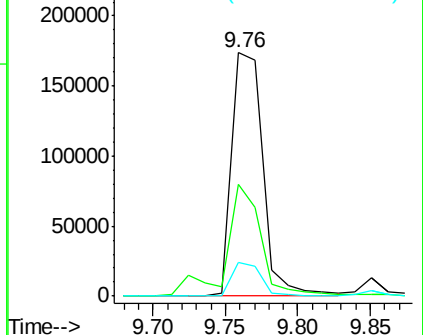


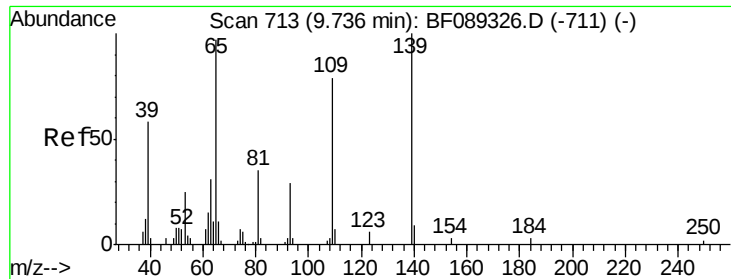
#54
Dibenzofuran
Concen: 39.32 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Tgt Ion:168 Resp: 260360
Ion Ratio Lower Upper
168 100
139 46.0 33.7 50.5
169 13.7 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 37.50 ng m

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

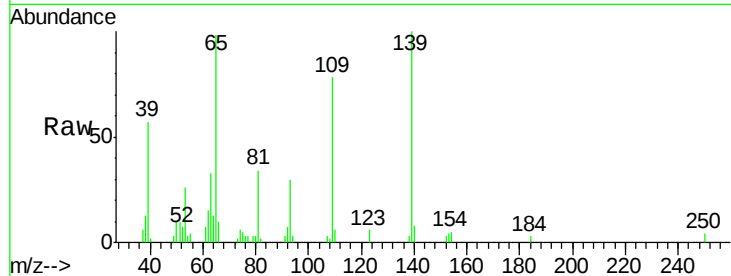
Tgt Ion:139 Resp: 22536

Ion Ratio Lower Upper

139 100

109 77.6 57.8 97.8

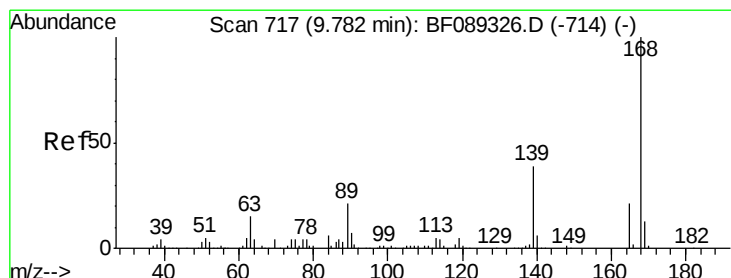
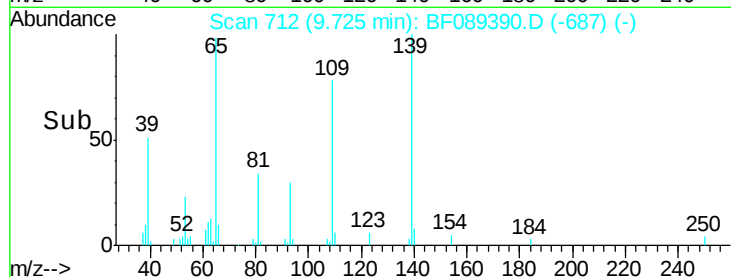
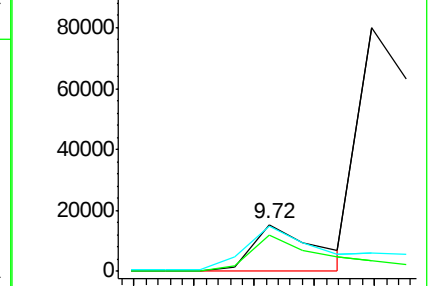
65 97.9 81.7 121.7



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): E



#56

2,4-Dinitrotoluene

Concen: 39.40 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Tgt Ion:165 Resp: 67013

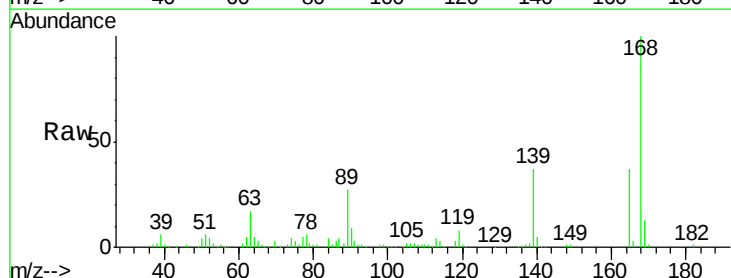
Ion Ratio Lower Upper

165 100

63 45.4 58.2 87.2#

89 71.5 79.1 118.7#

182 2.5 1.8 2.8

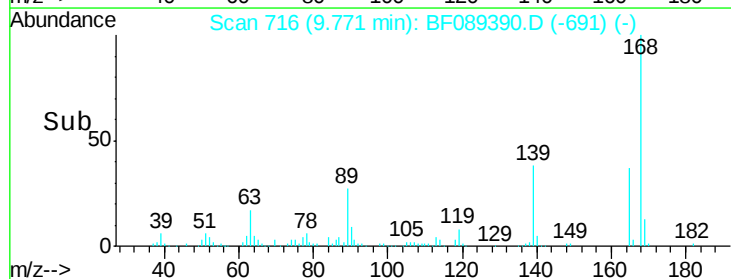
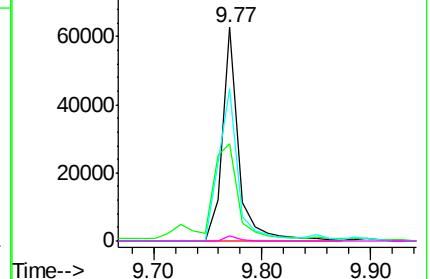


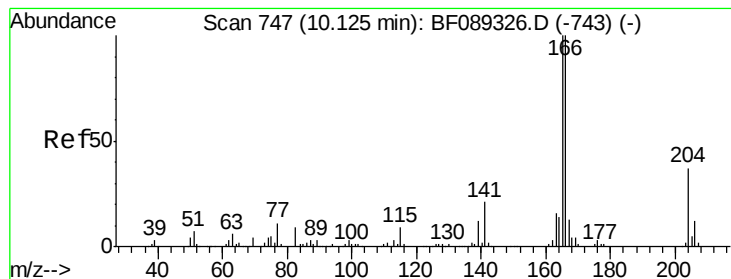
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.94 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

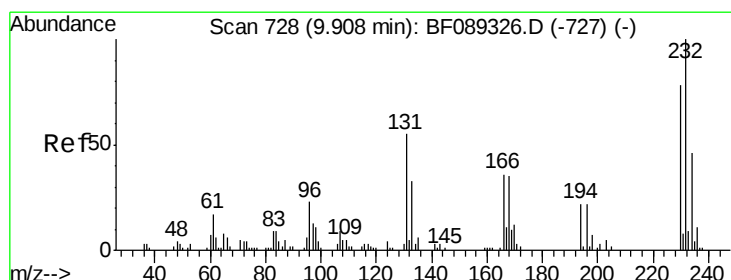
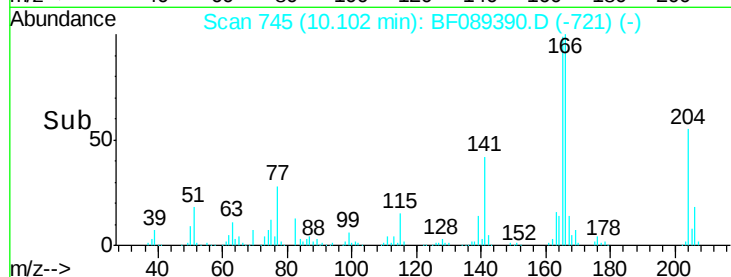
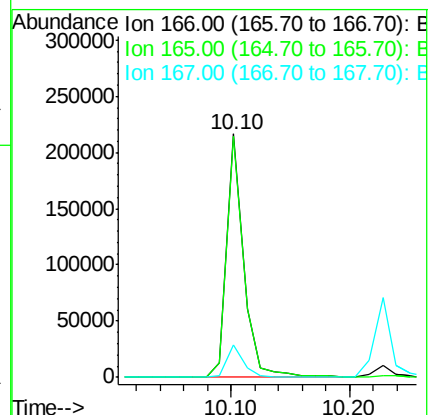
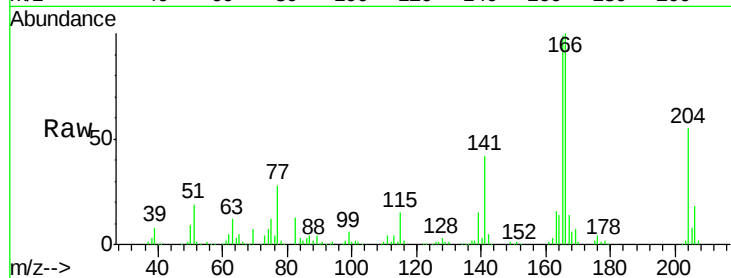
Tgt Ion:166 Resp: 213534

Ion Ratio Lower Upper

166 100

165 99.2 79.0 118.4

167 13.5 10.2 15.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.61 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Tgt Ion:232 Resp: 43723

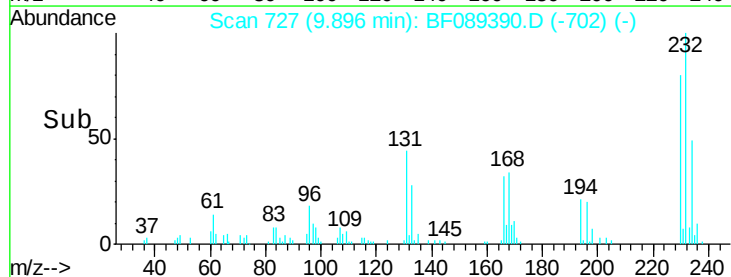
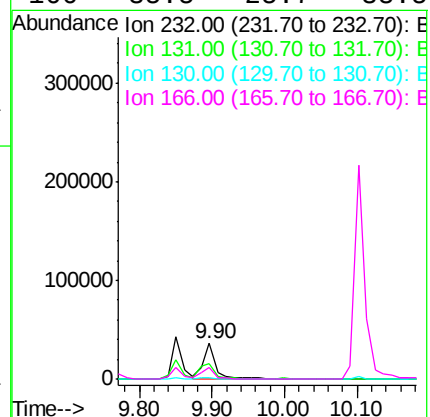
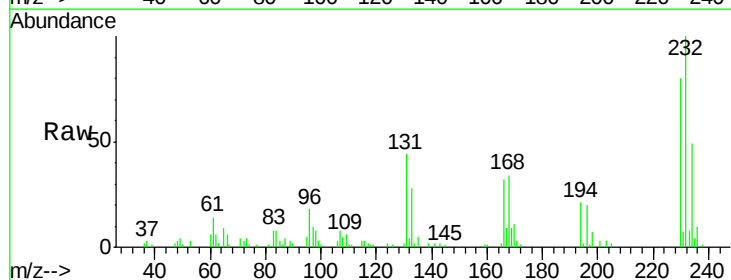
Ion Ratio Lower Upper

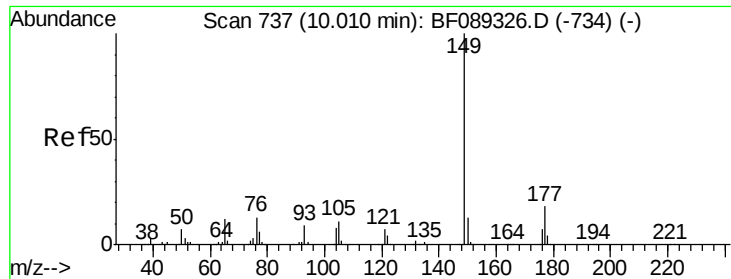
232 100

131 54.9 42.7 64.1

130 2.5 1.7 2.5

166 35.5 25.7 38.5

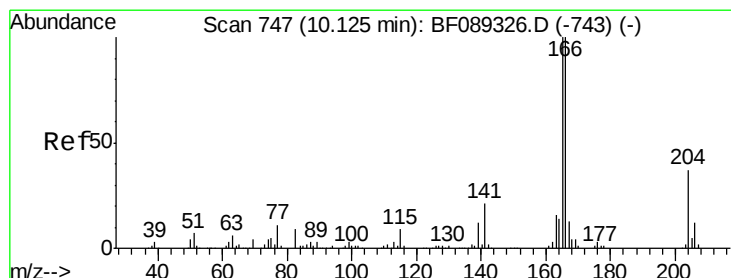
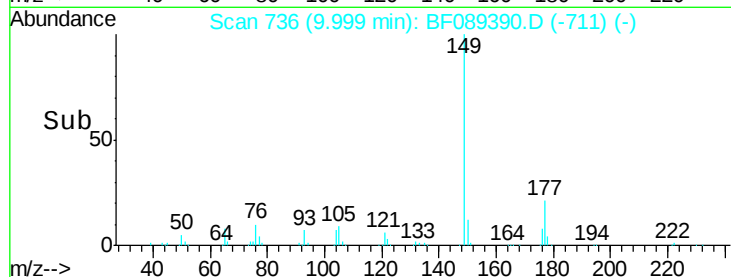
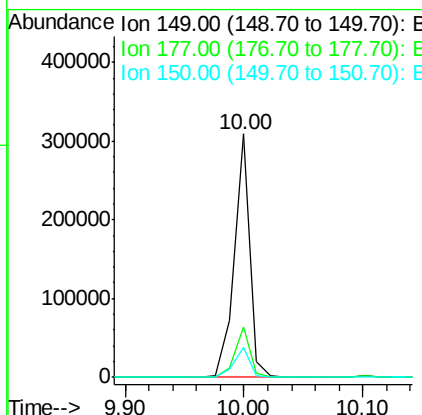
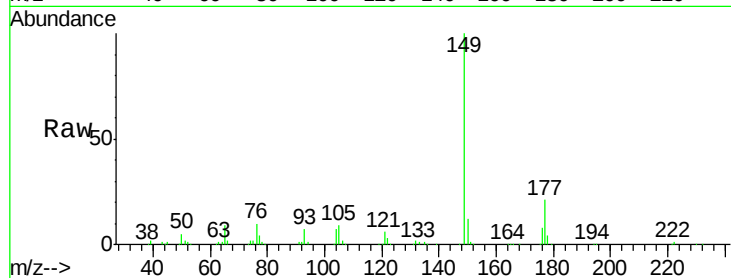




#59
Diethylphthalate
Concen: 43.99 ng
RT: 10.00 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

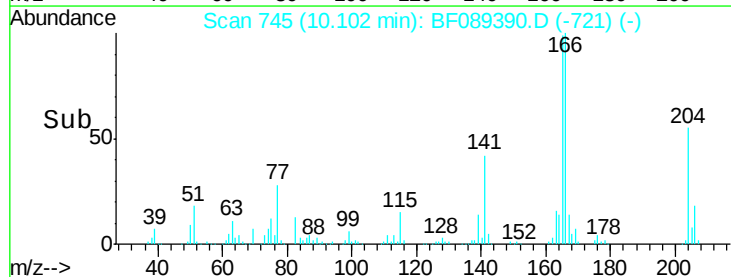
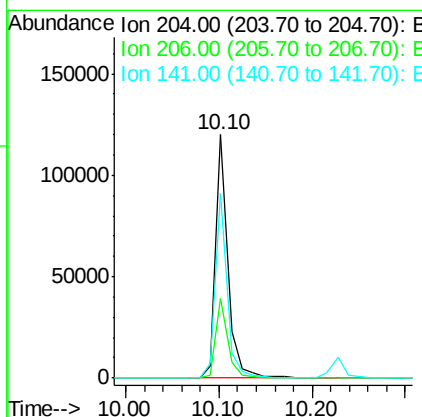
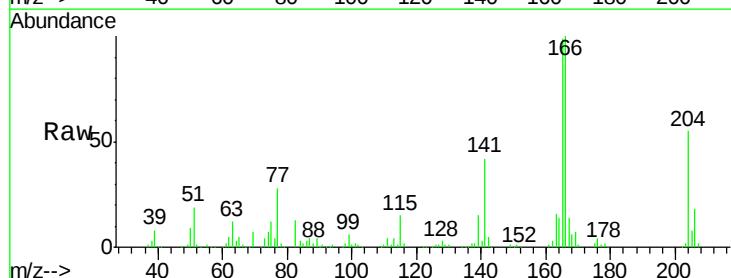
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

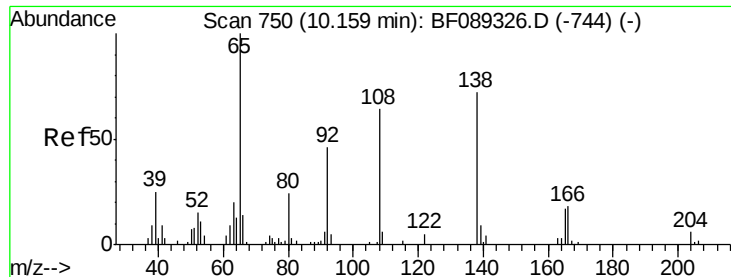
Tgt Ion:149 Resp: 280434
Ion Ratio Lower Upper
149 100
177 20.7 15.1 22.7
150 12.4 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 41.48 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Tgt Ion:204 Resp: 109968
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 75.9 46.6 70.0#

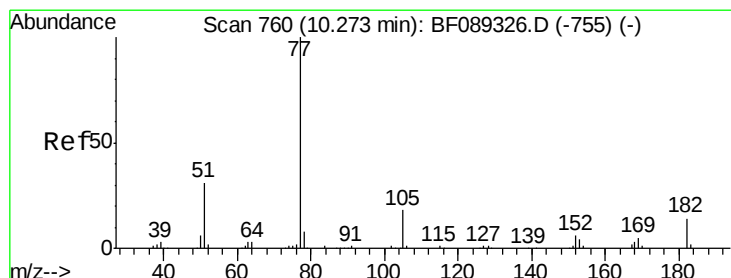
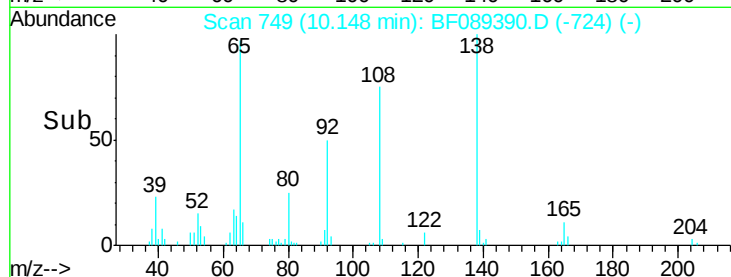
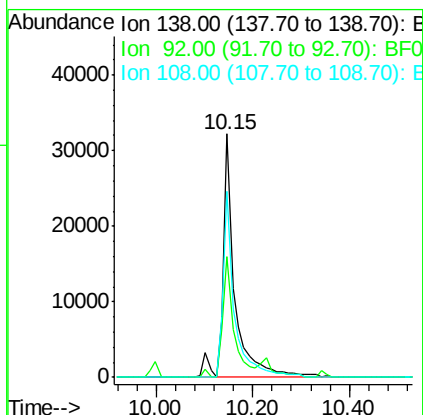
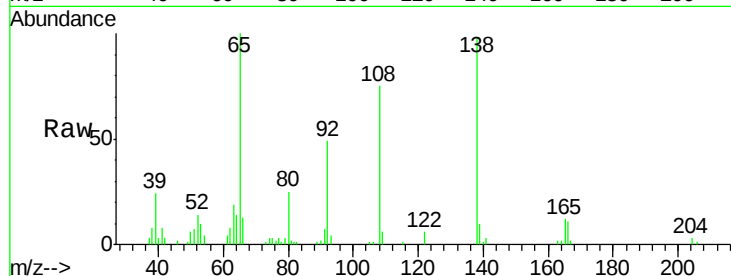




#61
4-Nitroaniline
Concen: 39.02 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

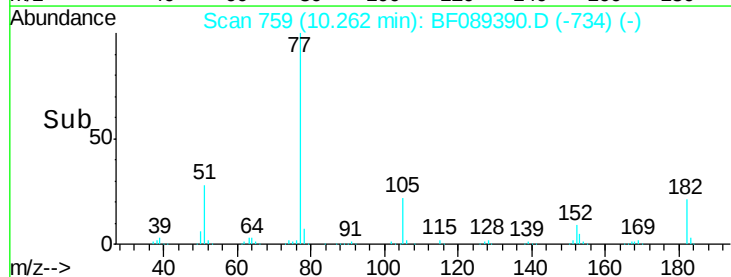
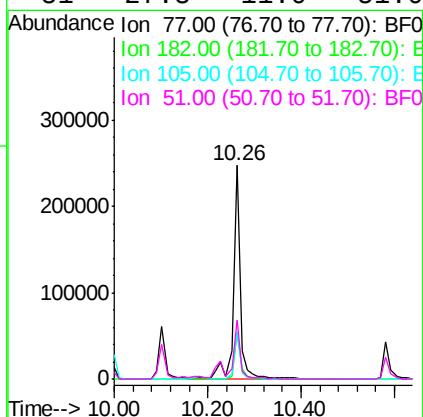
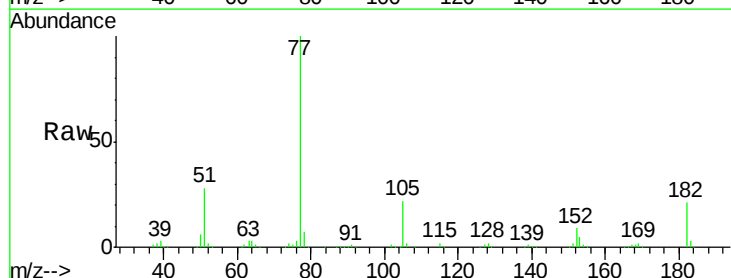
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

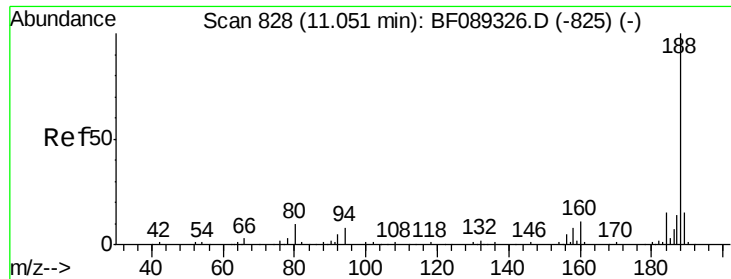
Tgt Ion: 138 Resp: 54838
Ion Ratio Lower Upper
138 100
92 49.6 41.2 81.2
108 76.1 69.6 109.6



#62
Azobenzene
Concen: 39.32 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Tgt Ion: 77 Resp: 258170
Ion Ratio Lower Upper
77 100
182 21.1 0.0 33.8
105 22.2 0.0 39.8
51 27.8 11.0 51.0

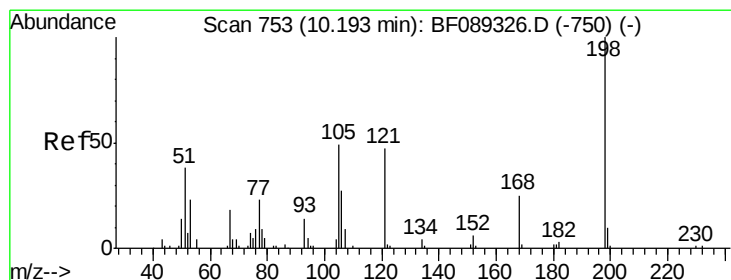
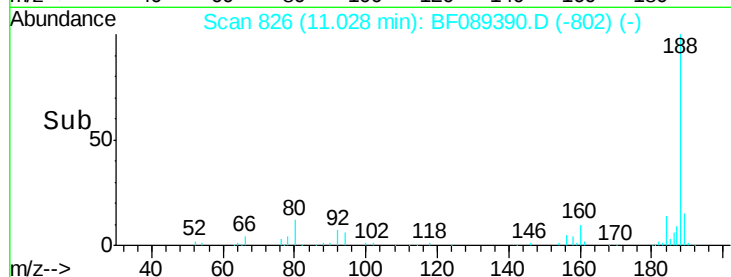
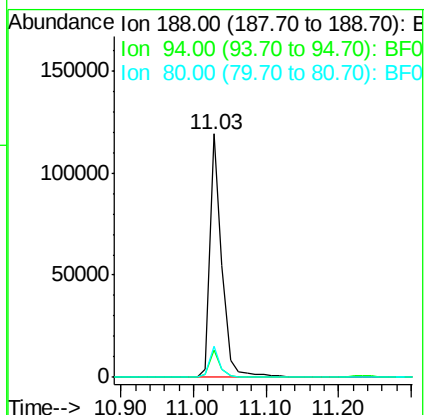
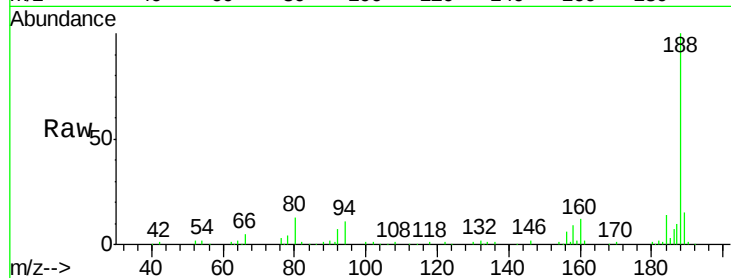




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

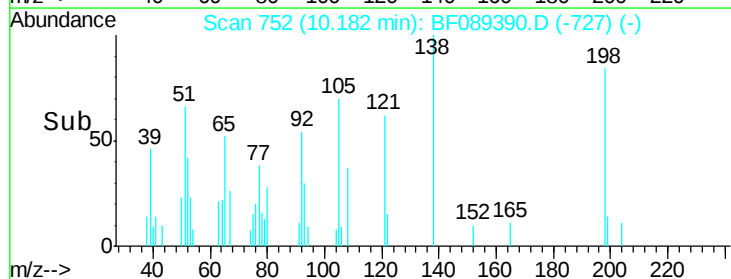
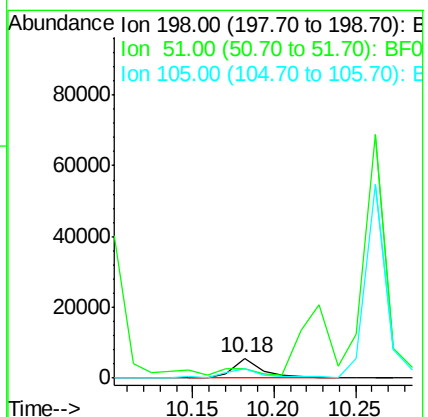
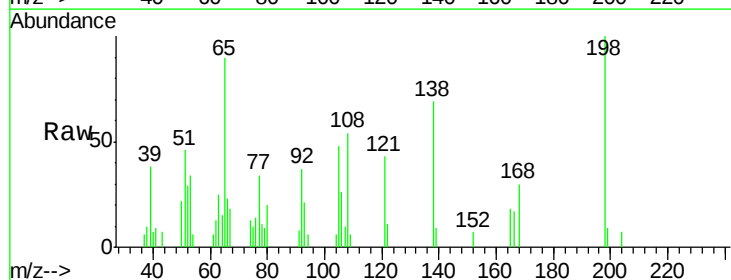
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

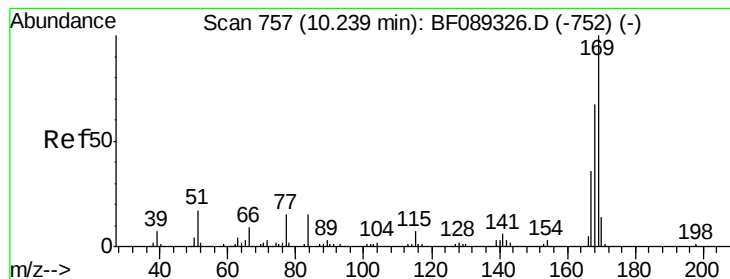
Tgt Ion:188 Resp: 135227
Ion Ratio Lower Upper
188 100
94 11.0 6.5 9.7#
80 12.9 7.2 10.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 12.13 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Tgt Ion:198 Resp: 6992
Ion Ratio Lower Upper
198 100
51 45.6 23.0 63.0
105 48.4 28.3 68.3





#65

n-Nitrosodiphenylamine

Concen: 46.37 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

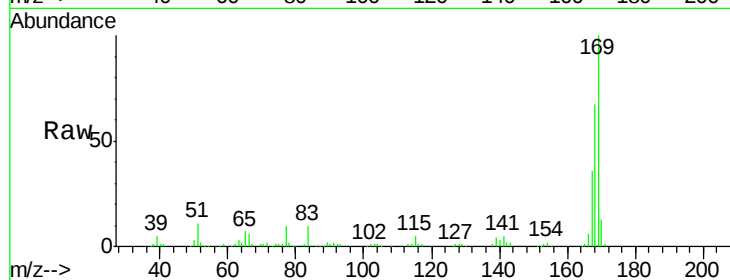
Tgt Ion:169 Resp: 195645

Ion Ratio Lower Upper

169 100

168 66.6 55.4 83.0

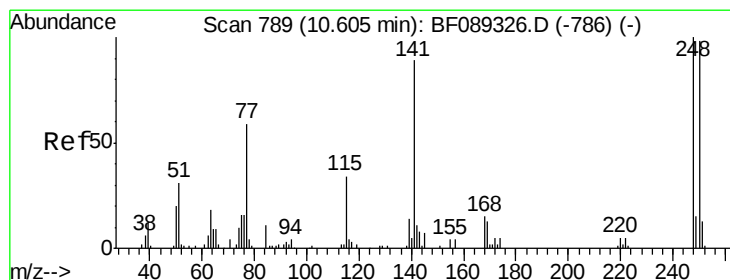
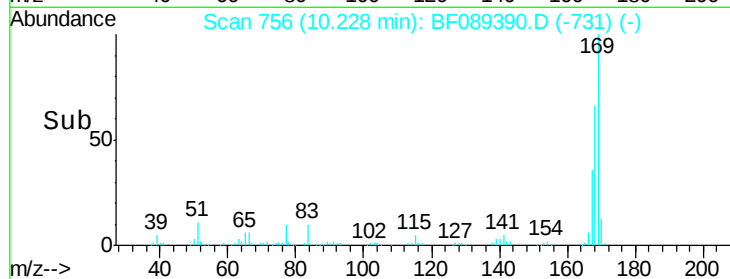
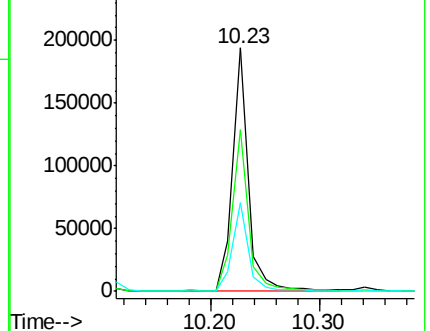
167 36.5 29.7 44.5



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: 43.23 ng

RT: 10.58 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

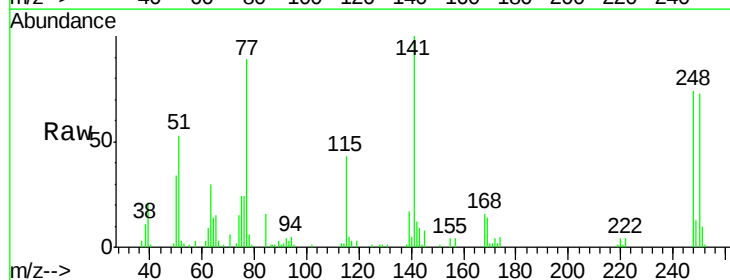
Tgt Ion:248 Resp: 55813

Ion Ratio Lower Upper

248 100

250 98.3 78.2 117.2

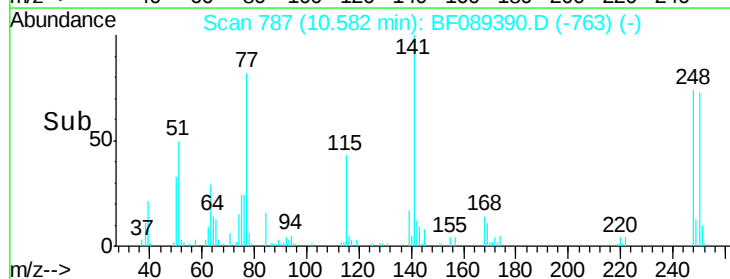
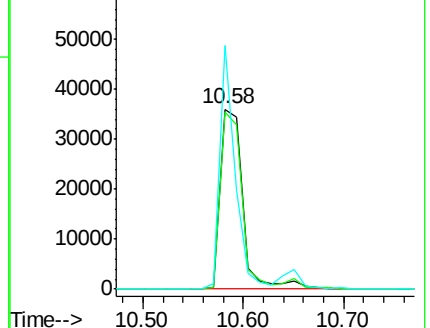
141 135.2 62.0 93.0#

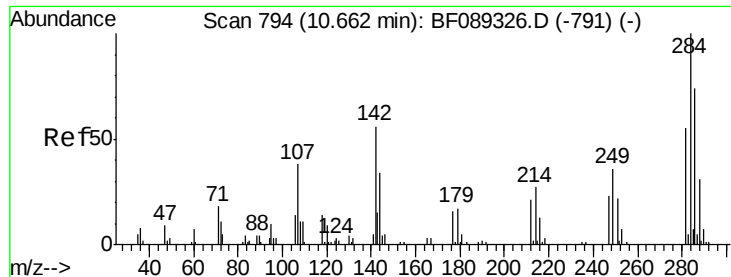


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

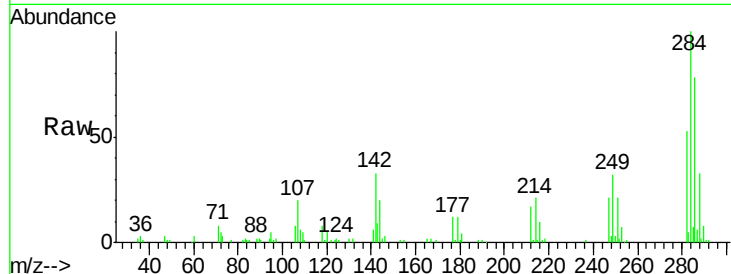




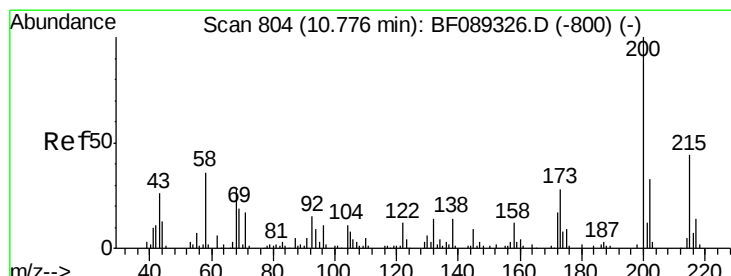
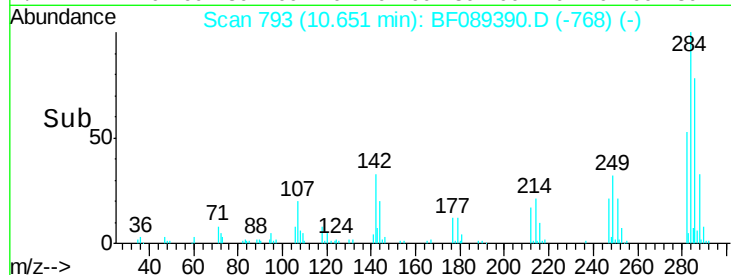
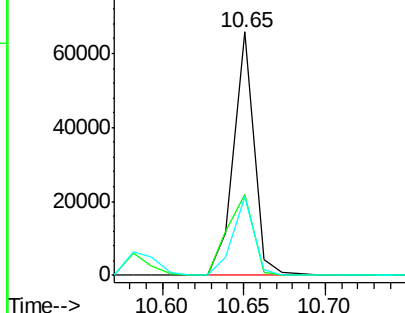
#67
Hexachlorobenzene
Concen: 42.80 ng
RT: 10.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 284 Resp: 56625
Ion Ratio Lower Upper
284 100
142 33.3 42.2 63.4#
249 32.0 29.4 44.0

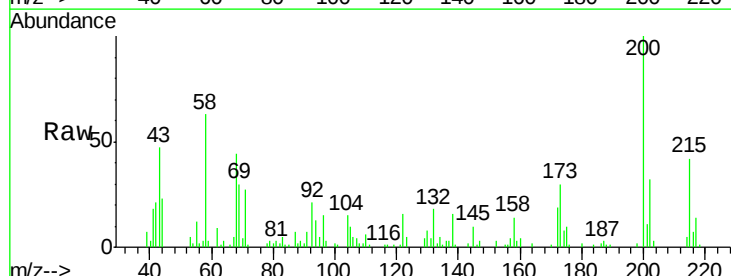


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

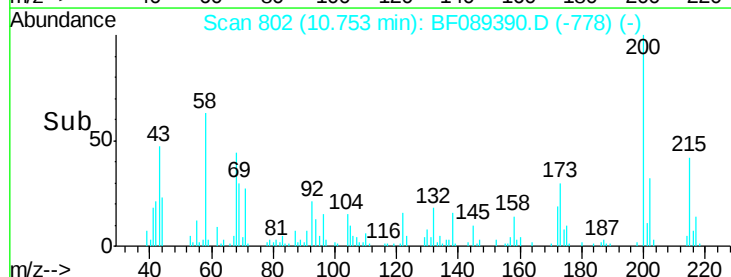
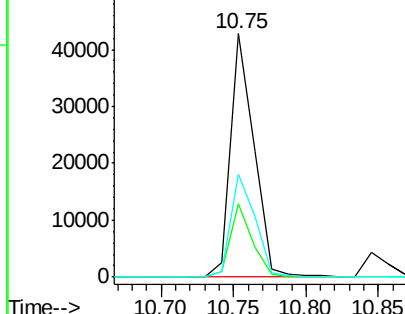


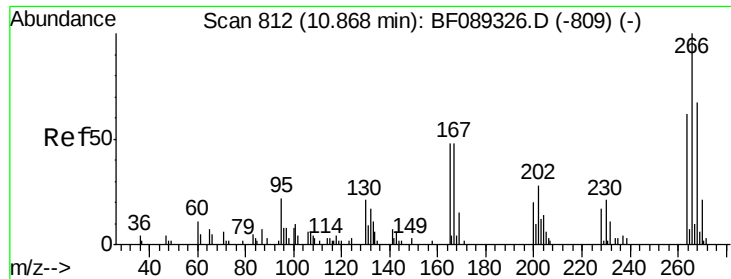
#68
Atrazine
Concen: 37.12 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Tgt Ion: 200 Resp: 48120
Ion Ratio Lower Upper
200 100
173 30.3 6.0 46.0
215 42.3 24.3 64.3



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

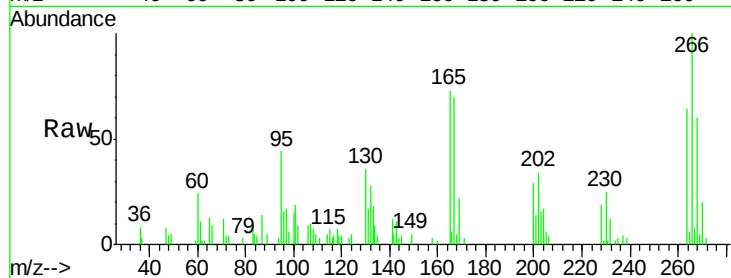




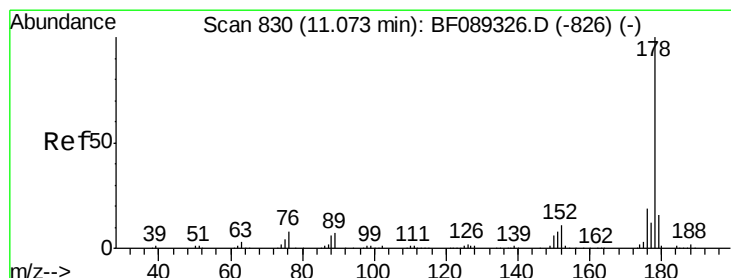
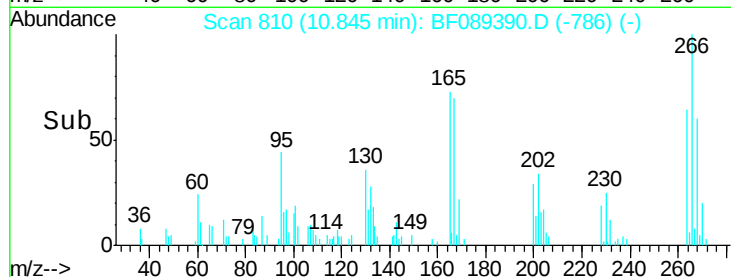
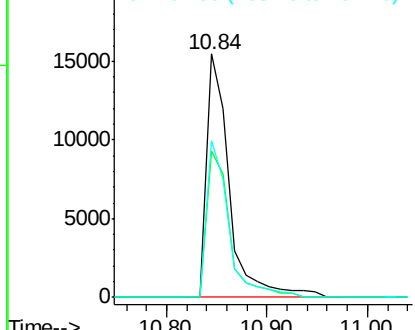
#69
 Pentachlorophenol
 Concen: 40.97 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 266 Resp: 24210
 Ion Ratio Lower Upper
 266 100
 268 60.4 49.4 74.2
 264 64.2 50.2 75.2

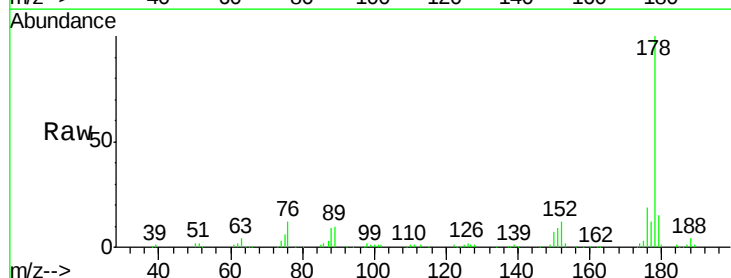


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

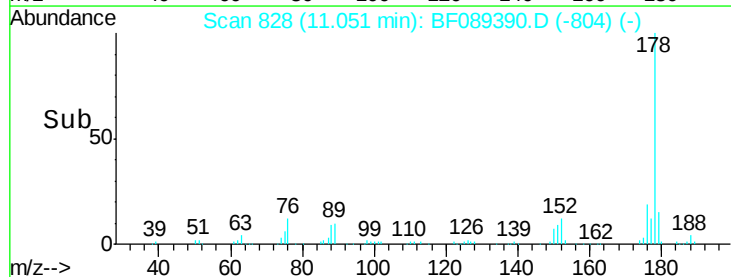
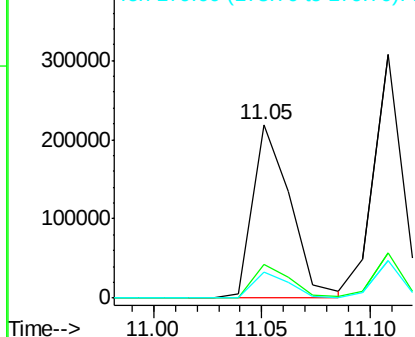


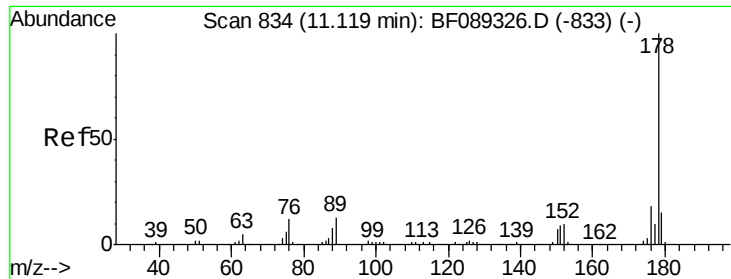
#70
 Phenanthrene
 Concen: 37.80 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Tgt Ion: 178 Resp: 263631
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 15.3 12.3 18.5



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





#71

Anthracene

Concen: 39.77 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

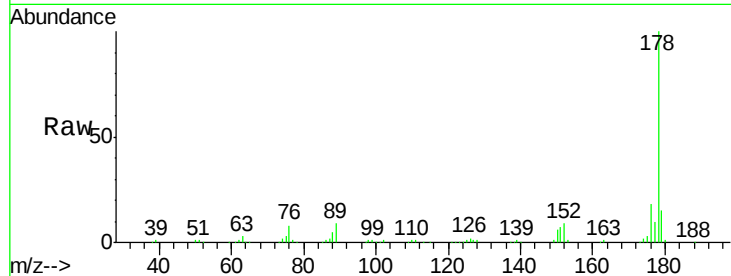
Tgt Ion:178 Resp: 308391

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

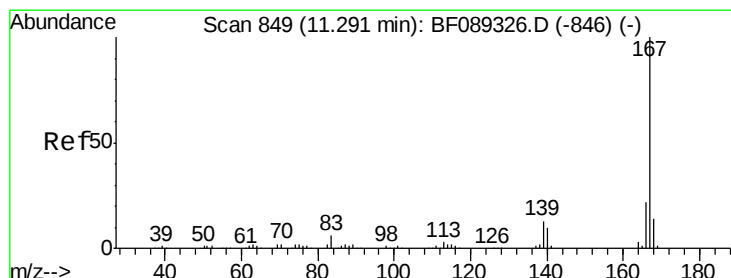
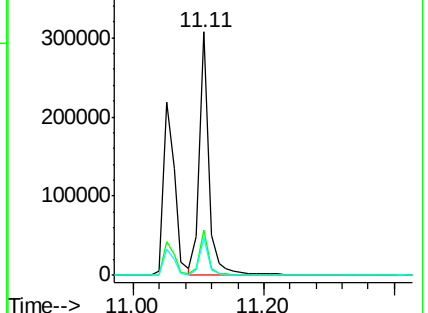
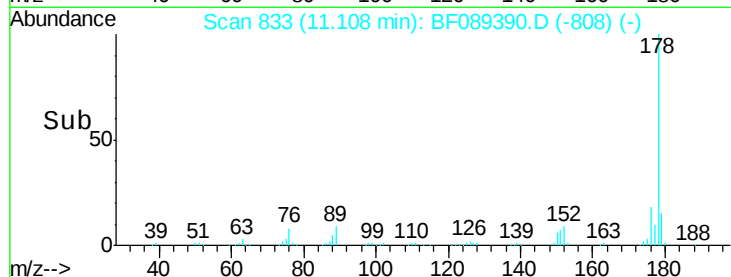
179 15.4 12.6 18.8



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: 39.87 ng

RT: 11.27 min Scan# 847

Delta R.T. -0.02 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

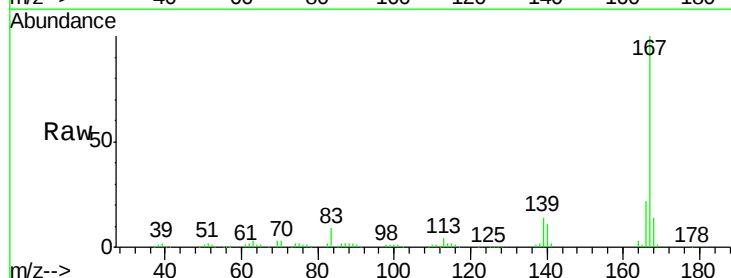
Tgt Ion:167 Resp: 260263

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

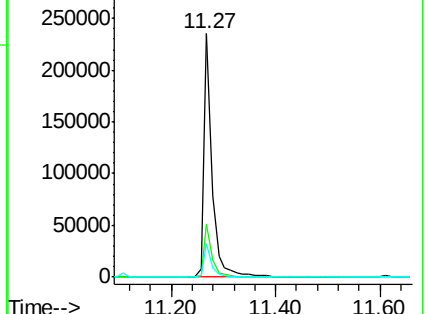
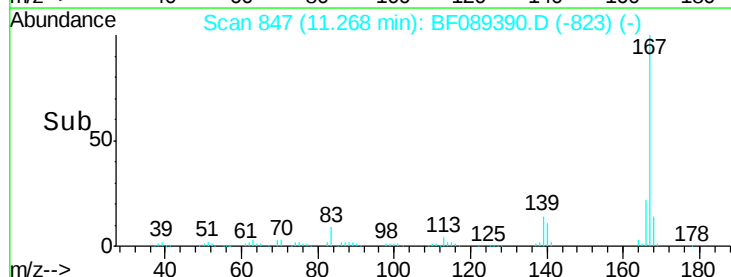
139 14.0 10.1 15.1

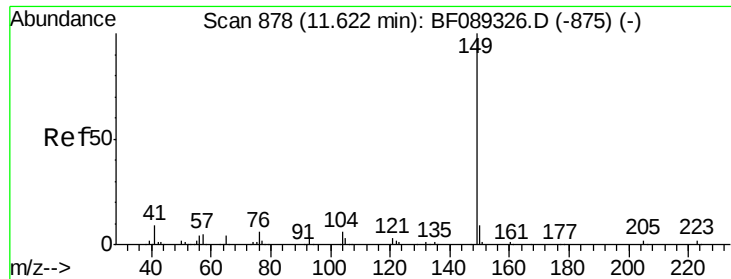


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

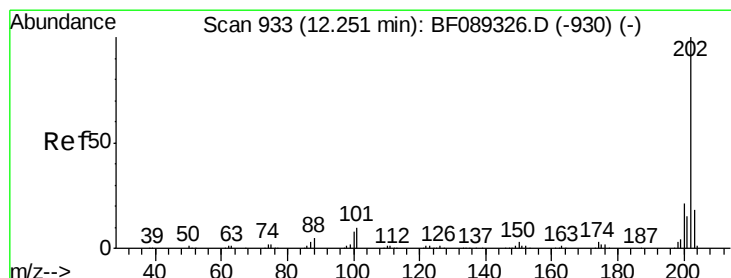
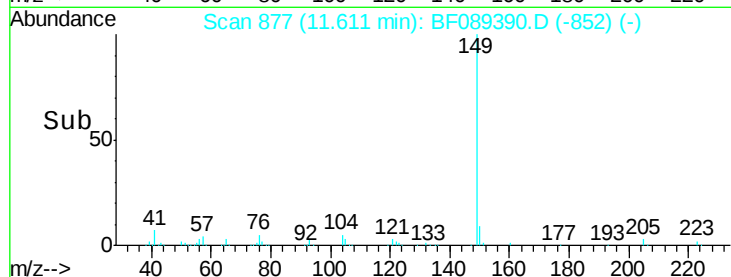
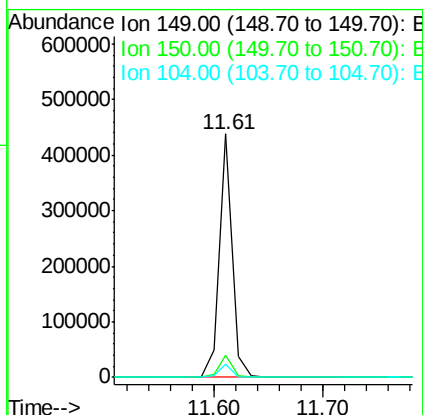
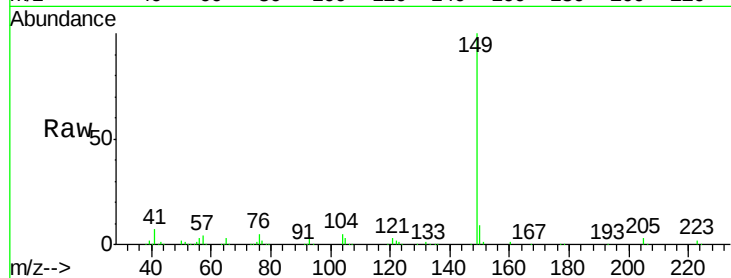




#73
Di-n-butylphthalate
Concen: 41.58 ng
RT: 11.61 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

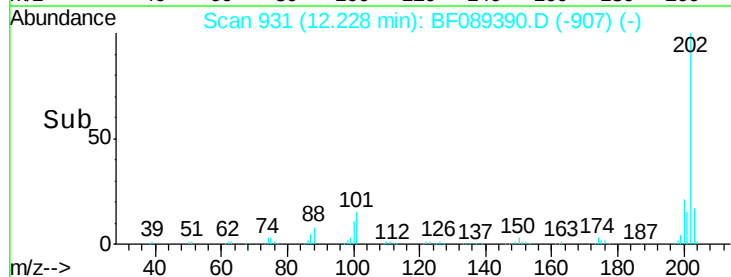
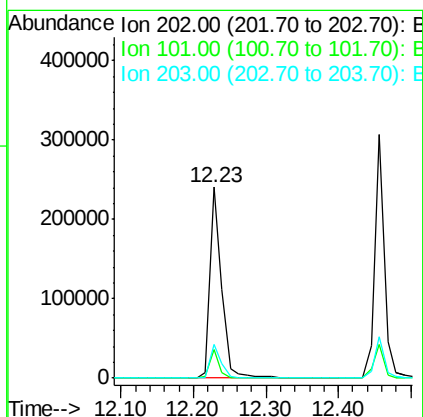
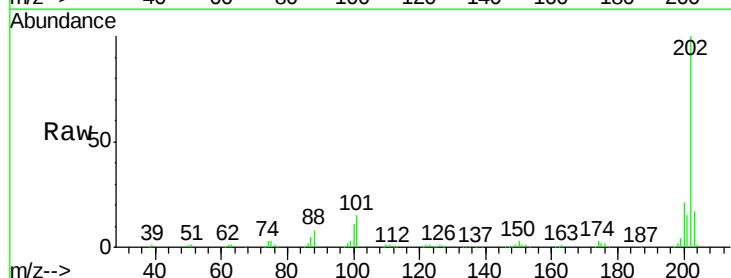
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 364173
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.5 4.7 7.1



#74
Fluoranthene
Concen: 36.37 ng
RT: 12.23 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Tgt Ion:202 Resp: 266816
Ion Ratio Lower Upper
202 100
101 15.0 0.0 29.9
203 17.4 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

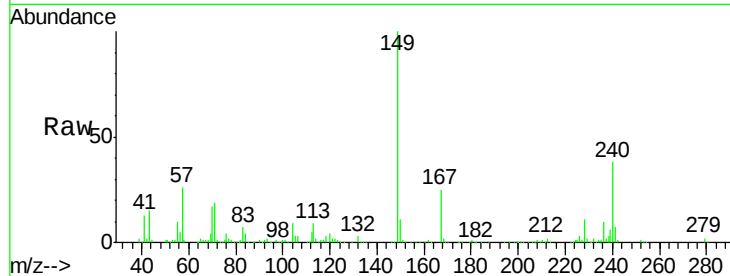
Tgt Ion:240 Resp: 102692

Ion Ratio Lower Upper

240 100

120 9.4 9.1 13.7

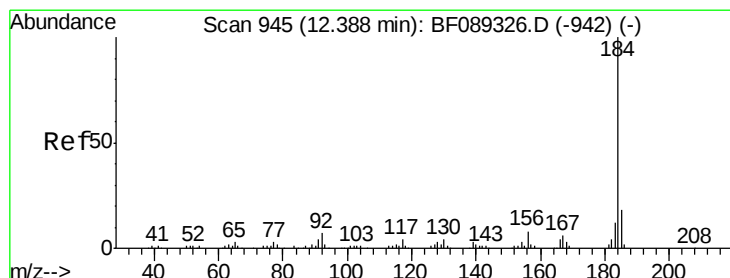
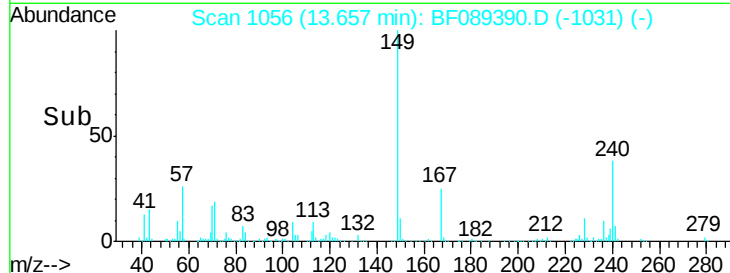
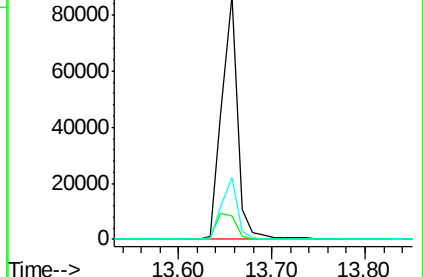
236 25.3 20.6 30.8



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: 37.23 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

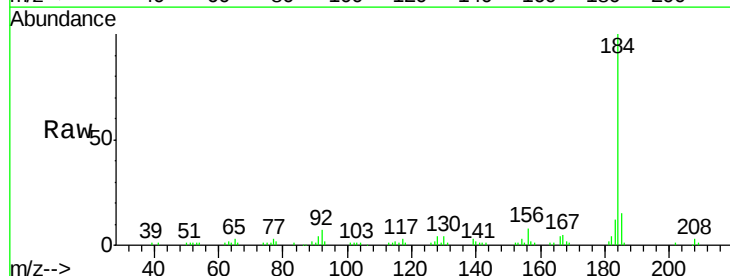
Tgt Ion:184 Resp: 141281

Ion Ratio Lower Upper

184 100

185 15.4 13.5 20.3

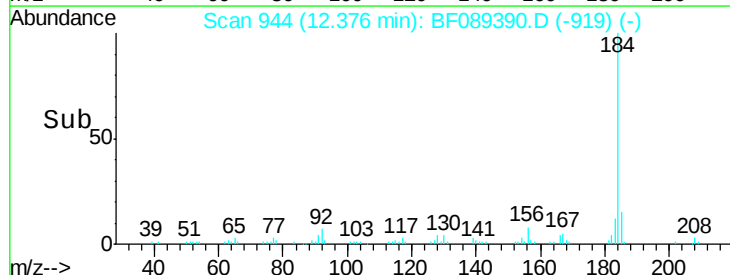
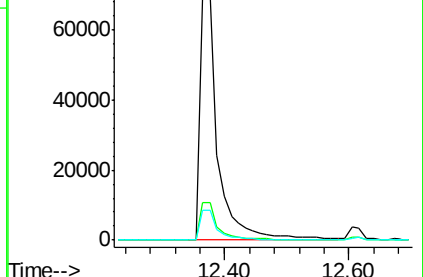
183 12.0 9.8 14.6

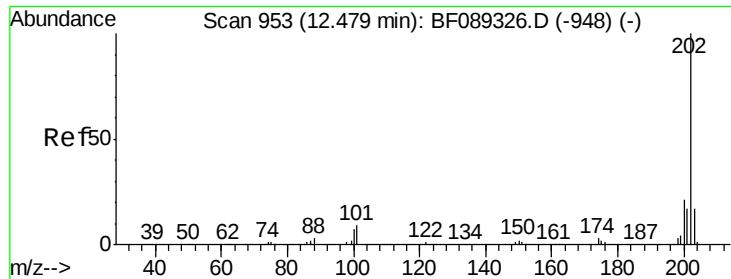


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

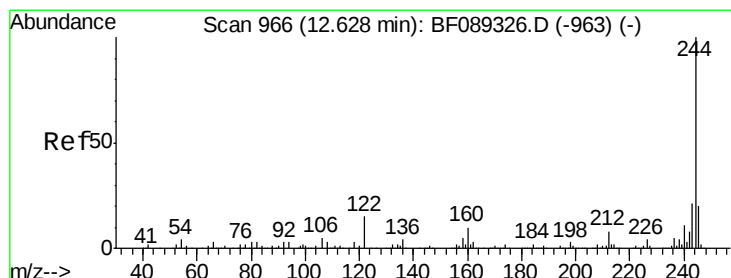
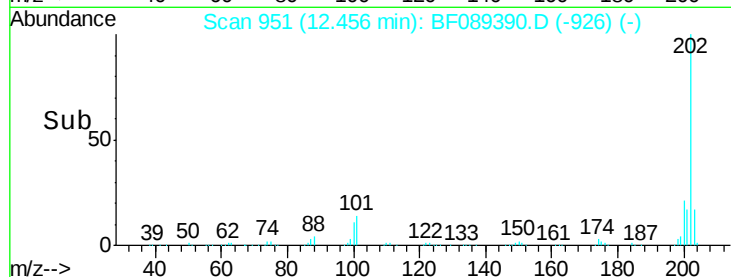
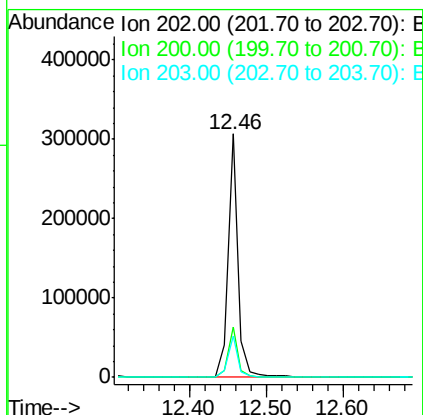
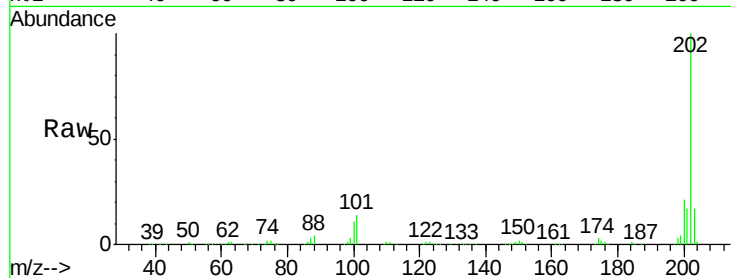




#77
 Pyrene
 Concen: 36.68 ng
 RT: 12.46 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

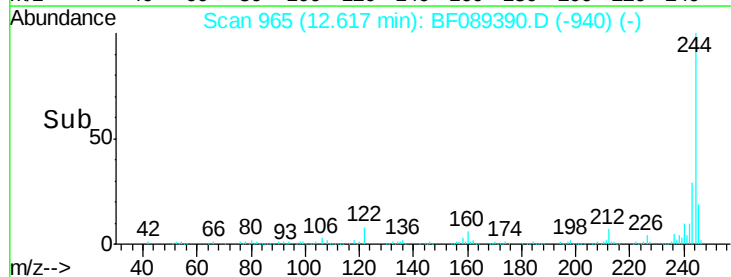
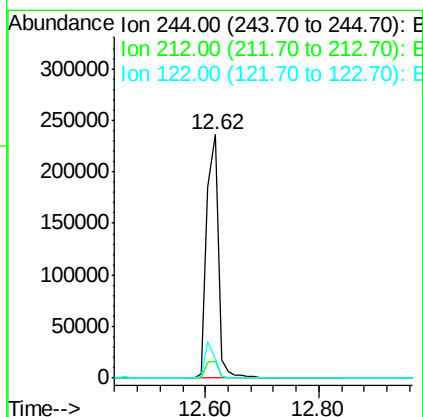
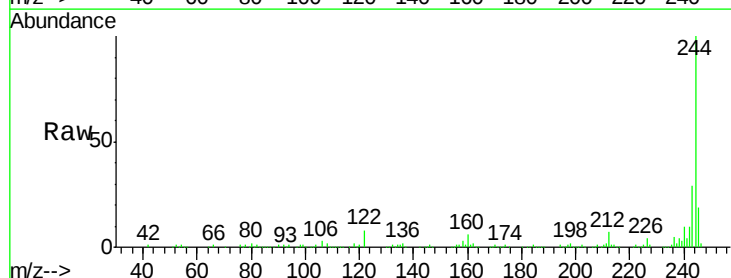
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

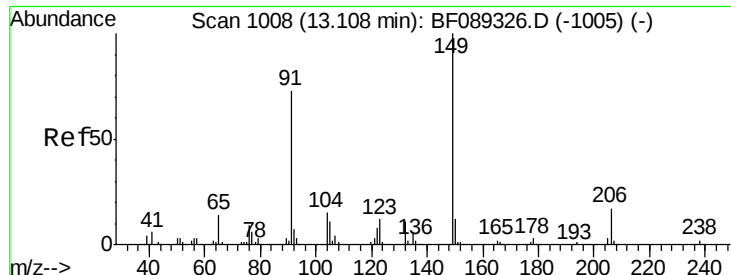
Tgt Ion: 202 Resp: 285476
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.9 25.3
 203 17.2 14.0 21.0



#78
 Terphenyl-d14
 Concen: 72.54 ng
 RT: 12.62 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Tgt Ion: 244 Resp: 318266
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.5 9.7
 122 8.2 11.4 17.0#

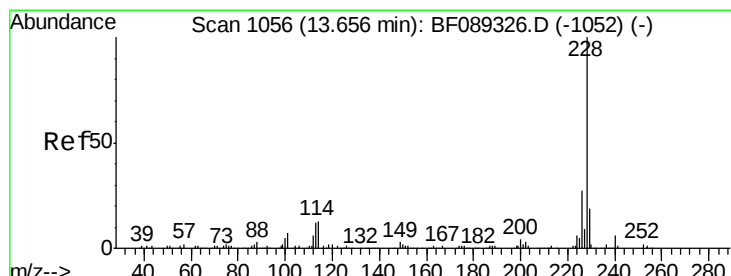
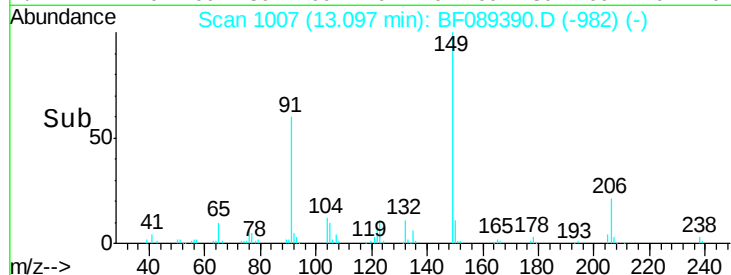
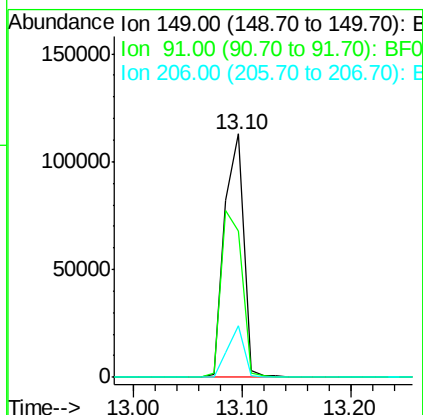
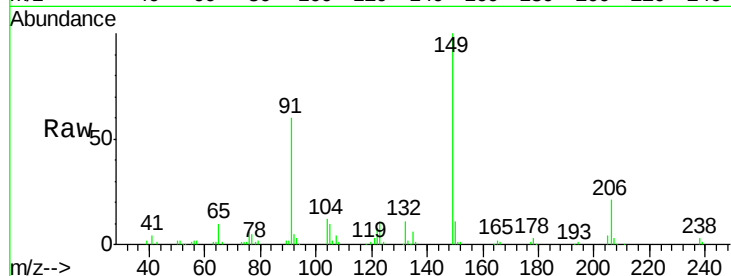




#79
Butylbenzylphthalate
Concen: 39.04 ng
RT: 13.10 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

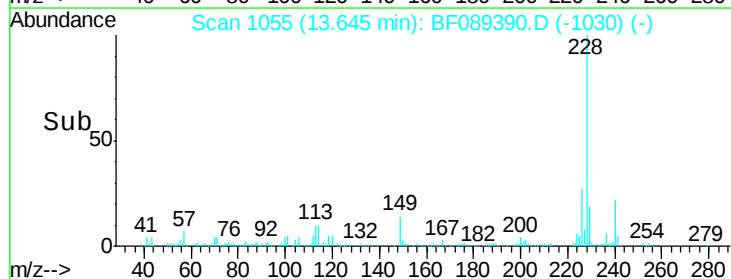
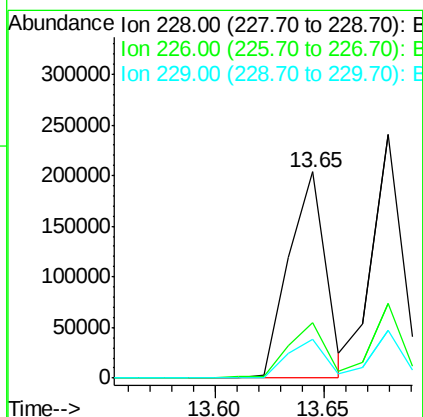
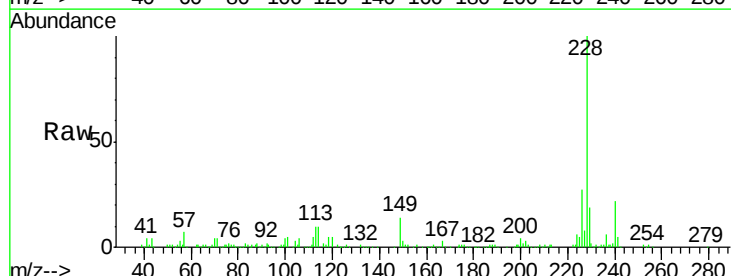
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

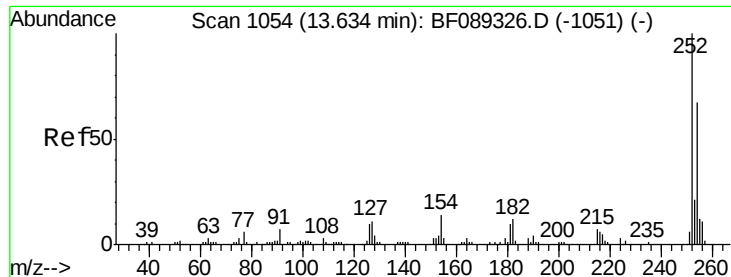
Tgt Ion:149 Resp: 138158
Ion Ratio Lower Upper
149 100
91 60.2 58.5 87.7
206 21.4 13.8 20.8#



#80
Benzo(a)anthracene
Concen: 41.43 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Tgt Ion:228 Resp: 240112
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.2
229 18.8 15.9 23.9

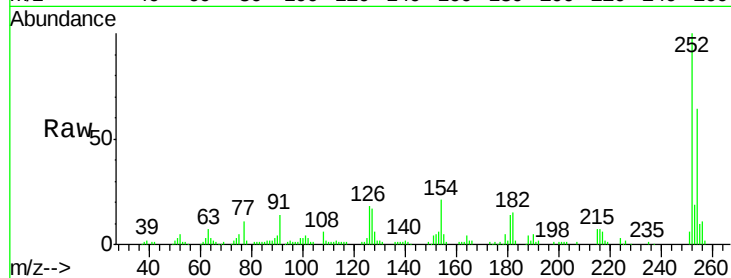




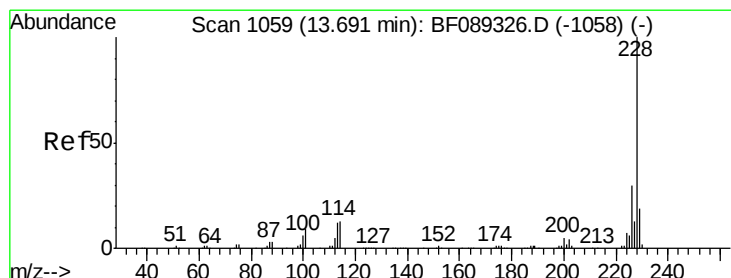
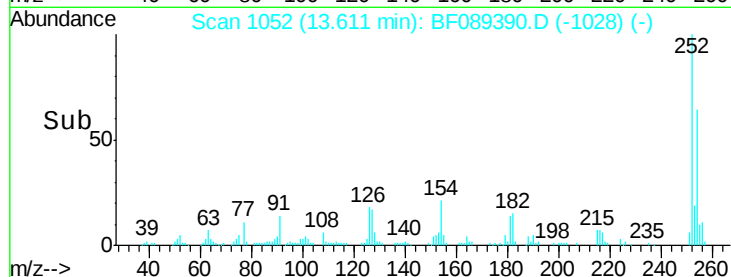
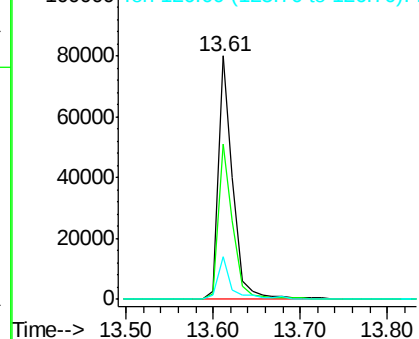
#81
 3,3'-Dichlorobenzidine
 Concen: 44.84 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:252 Resp: 93514
 Ion Ratio Lower Upper
 252 100
 254 63.7 52.5 78.7
 126 17.6 7.4 11.2#

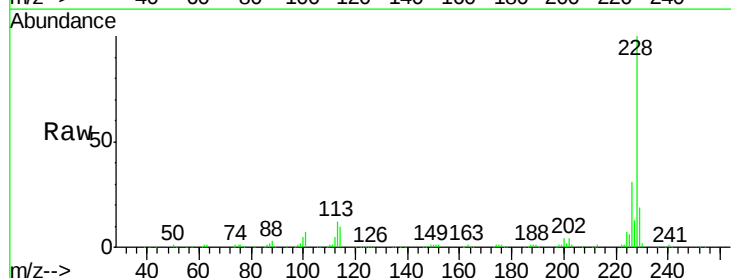


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

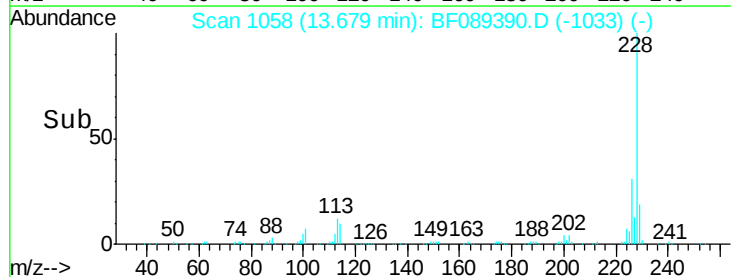
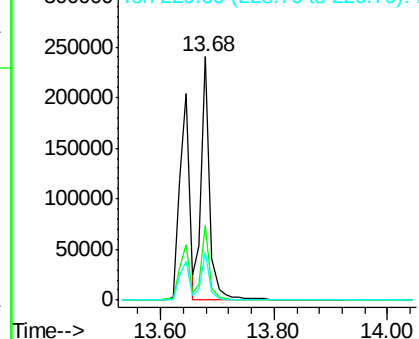


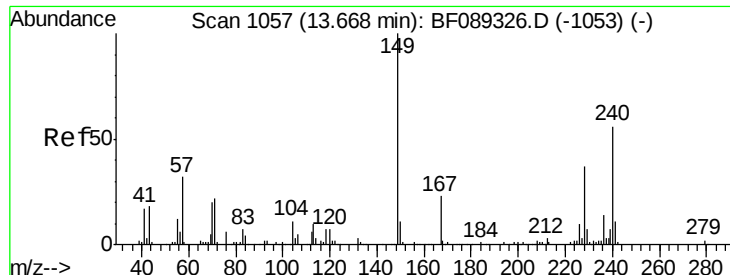
#82
 Chrysene
 Concen: 40.95 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Tgt Ion:228 Resp: 252583
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.2 36.2
 229 19.5 15.9 23.9



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.16 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

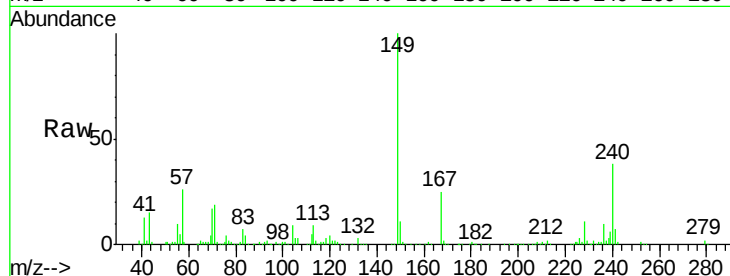
Tgt Ion:149 Resp: 195167

Ion Ratio Lower Upper

149 100

167 24.9 18.8 28.2

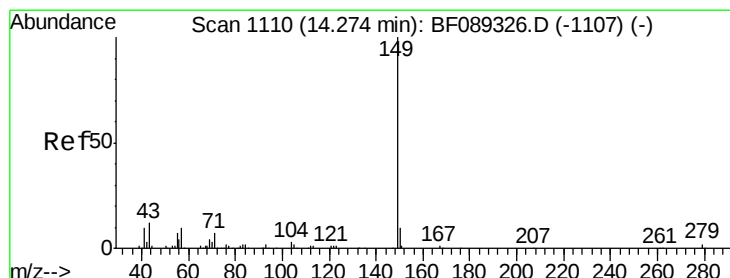
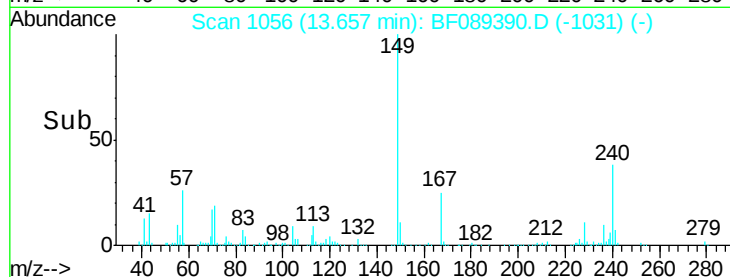
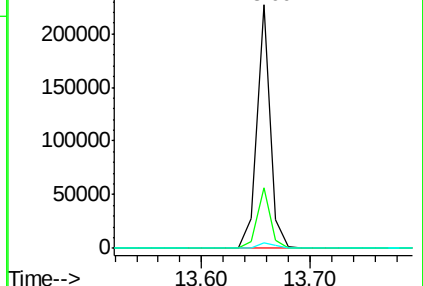
279 2.5 1.4 2.0#



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: 43.27 ng

RT: 14.26 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

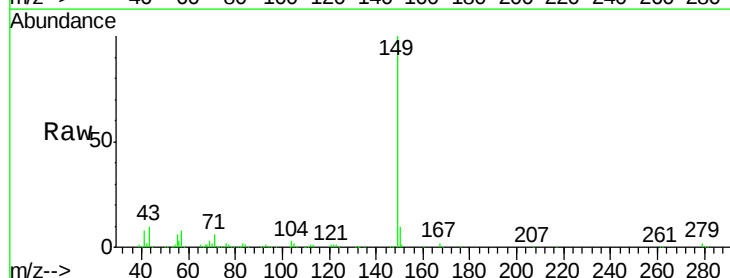
Tgt Ion:149 Resp: 345386

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

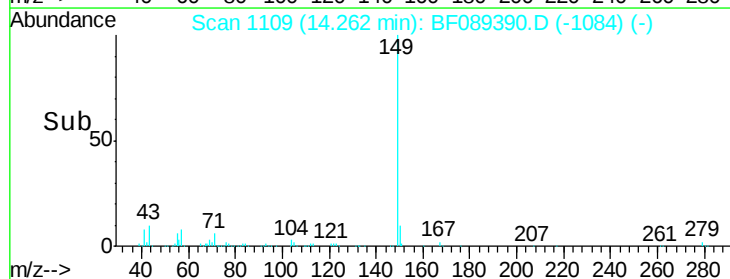
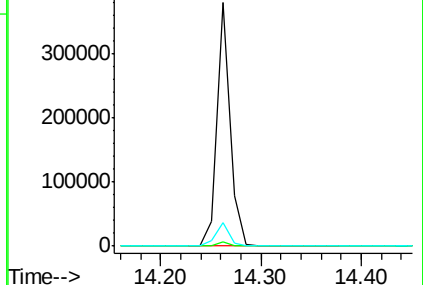
43 9.5 7.3 10.9

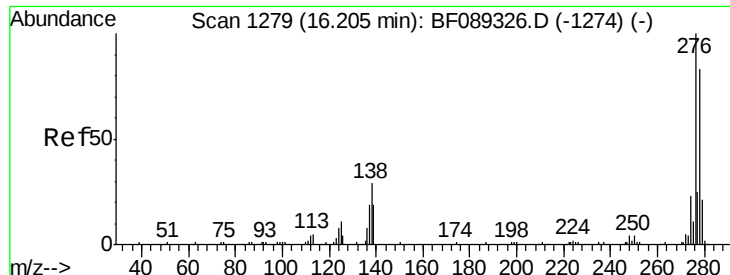


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

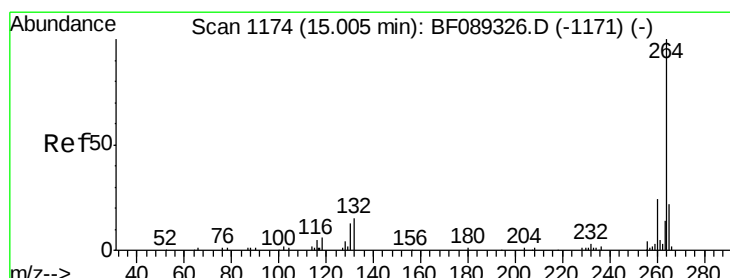
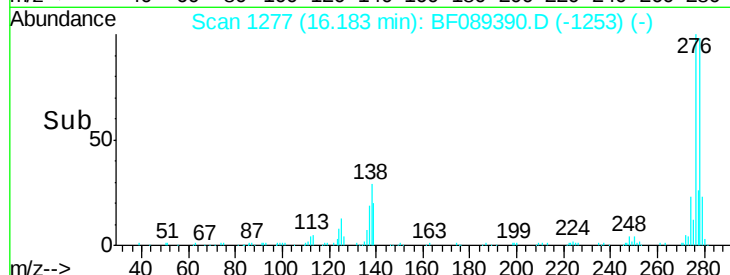
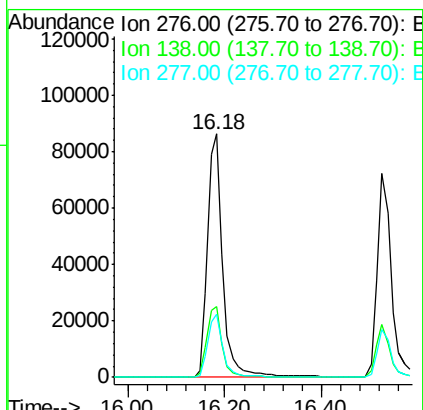
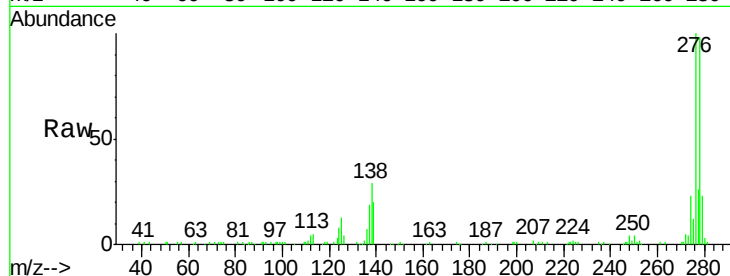




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.96 ng
 RT: 16.18 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

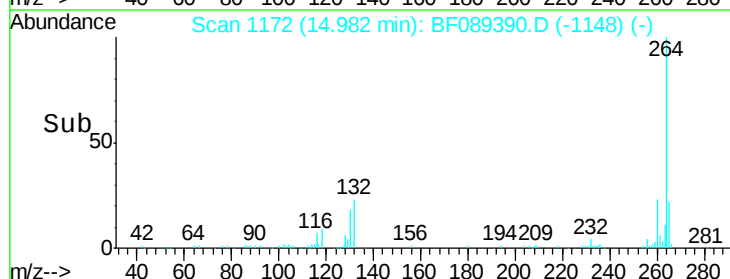
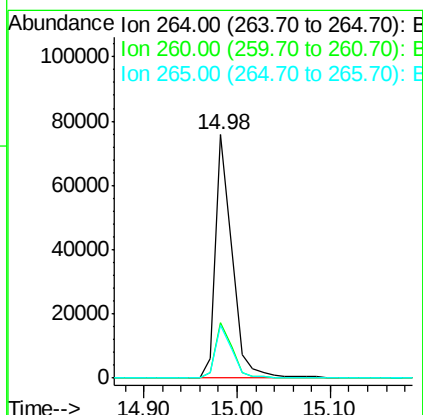
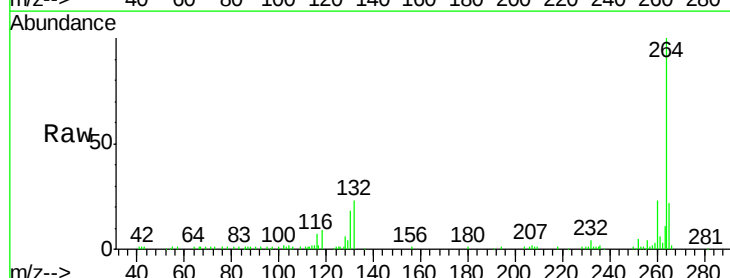
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.0	34.4
277	25.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089390.D
 Acq: 29 Jul 2016 4:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.5	17.5	26.3

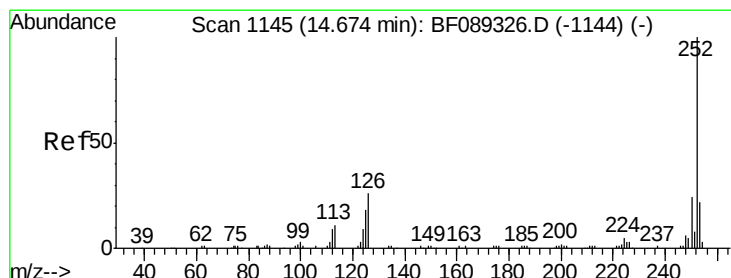
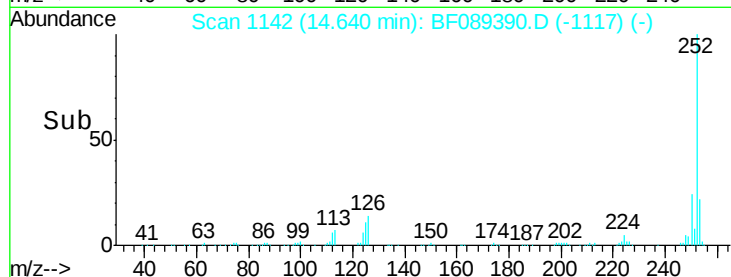
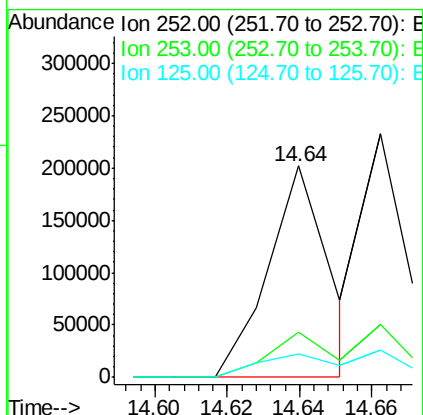
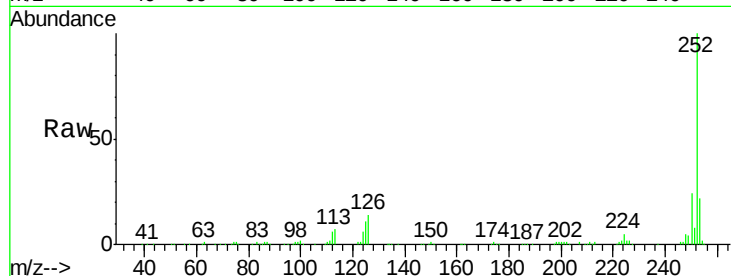




#87
Benzo(b)fluoranthene
Concen: 40.41 ng m
RT: 14.64 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

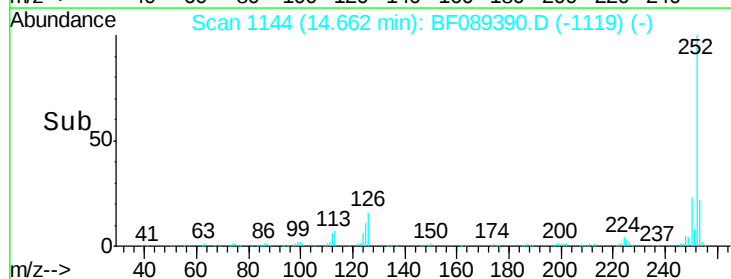
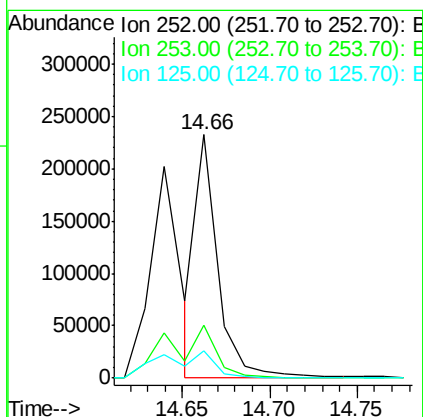
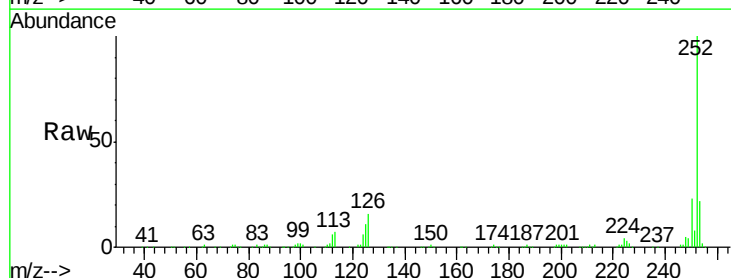
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

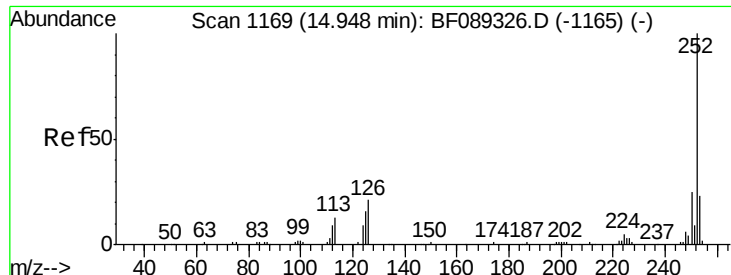
Tgt Ion:252 Resp: 234884
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.8 9.7 14.5



#88
Benzo(k)fluoranthene
Concen: 39.68 ng m
RT: 14.66 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Tgt Ion:252 Resp: 212032
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 11.4 10.7 16.1

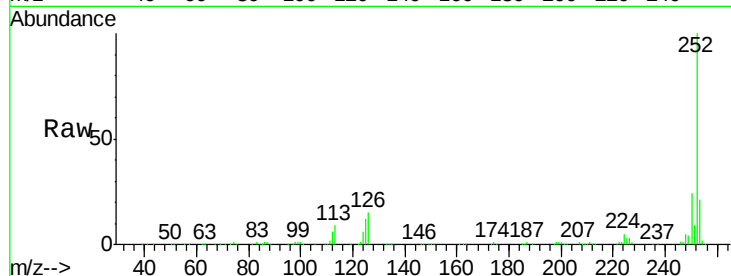




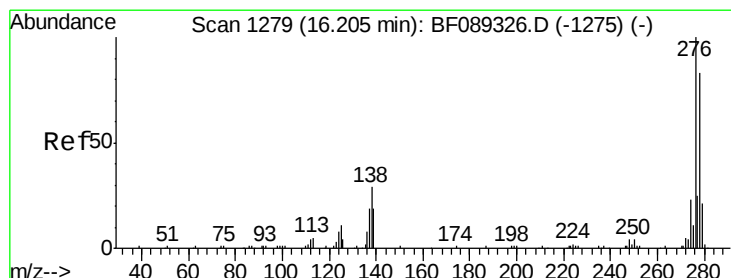
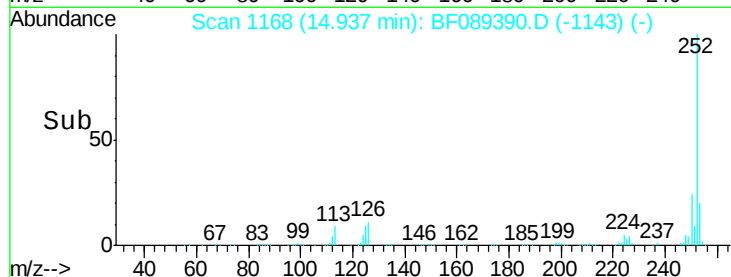
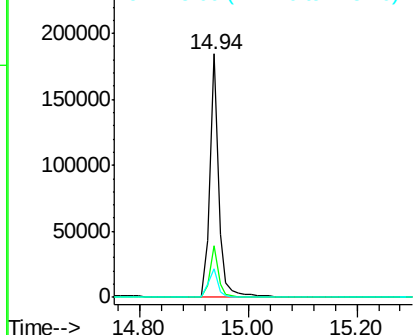
#89
Benzo(a)pyrene
Concen: 40.80 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 252 Resp: 212722
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.2
125 11.8 12.4 18.6#

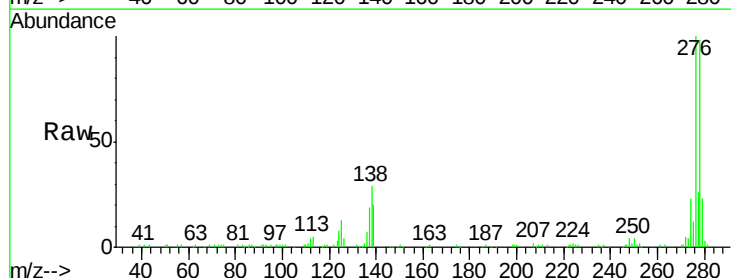


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

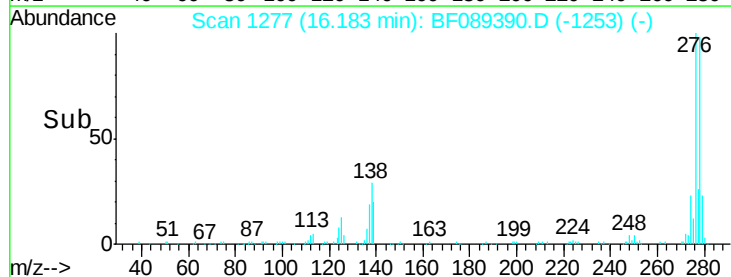
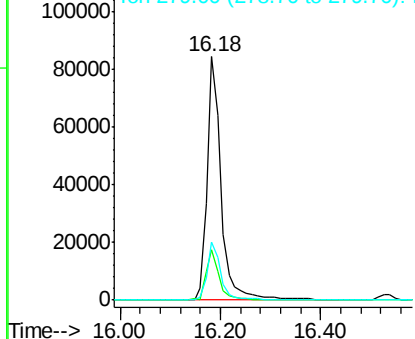


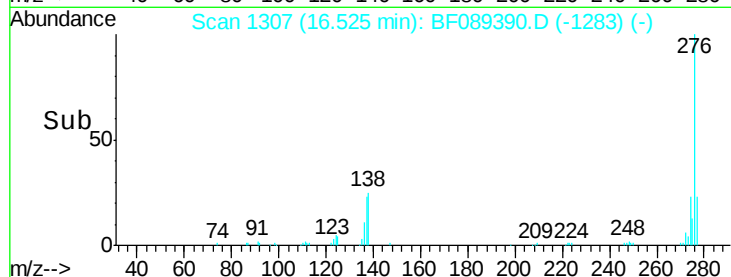
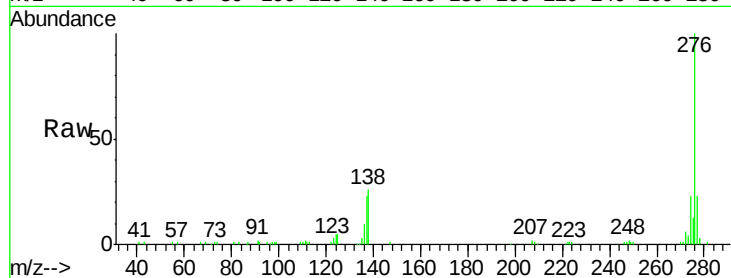
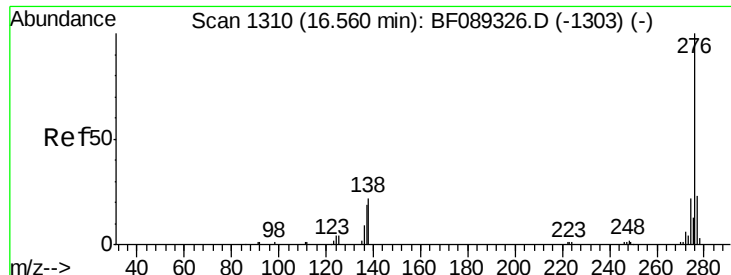
#90
Dibenzo(a,h)anthracene
Concen: 39.70 ng
RT: 16.18 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF089390.D
Acq: 29 Jul 2016 4:31

Tgt Ion: 278 Resp: 163056
Ion Ratio Lower Upper
278 100
139 20.9 16.3 24.5
279 23.8 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.64 ng

RT: 16.53 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF089390.D

Acq: 29 Jul 2016 4:31

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 276 Resp: 151994

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 25.6 21.4 32.0

