

Data Path : Z:\HPCHEM1\BNA F\Data\BF051816\
 Data File : BF087144.D
 Acq On : 18 May 2016 15:11
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 18 17:04:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	124744	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	512965	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	236661	20.00	ng	-0.02
63) Phenanthrene-d10	11.10	188	469795	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	343022	20.00	ng	-0.03
86) Perylene-d12	15.07	264	302585	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	581962	78.42	ng	-0.03
7) Phenol-d6	6.25	99	712891	71.62	ng	-0.03
23) Nitrobenzene-d5	7.15	82	777799	75.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	207383	79.30	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1085367	75.95	ng	-0.03
78) Terphenyl-d14	12.67	244	1122380	74.02	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	1.99	88	146139	38.28	ng	# 82
3) Pyridine	2.63	79	335693	36.35	ng	# 67
4) n-Nitrosodimethylamine	2.58	42	257557	39.36	ng	# 51
6) Aniline	6.25	93	460802	36.45	ng	# 89
8) 2-Chlorophenol	6.36	128	341075	37.77	ng	# 79
9) Benzaldehyde	6.12	77	185322	32.96	ng	98
10) Phenol	6.26	94	484893	38.75	ng	79
11) bis(2-Chloroethyl)ether	6.33	93	355592	37.85	ng	95
12) 1,3-Dichlorobenzene	6.75	146	337051	35.12	ng	98
13) 1,4-Dichlorobenzene	6.75	146	339798	34.60	ng	96
14) 1,2-Dichlorobenzene	6.75	146	343013	39.90	ng	98
15) Benzyl Alcohol	6.74	79	282647	38.14	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	6.87	45	726882	37.63	ng	64
17) 2-Methylphenol	6.87	107	262133	35.35	ng	# 75
18) Hexachloroethane	7.08	117	140172	37.33	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	288349	38.11	ng	# 76
20) 3+4-Methylphenols	7.03	107	373587	38.19	ng	# 61
22) Acetophenone	7.00	105	498054	39.68	ng	# 98
24) Nitrobenzene	7.18	77	423856	37.72	ng	97
25) Isophorone	7.42	82	675748	35.87	ng	98
26) 2-Nitrophenol	7.50	139	192005	41.24	ng	# 87
27) 2,4-Dimethylphenol	7.55	122	313052	39.40	ng	90
28) bis(2-Chloroethoxy)methane	7.63	93	372502	36.01	ng	# 98
29) 2,4-Dichlorophenol	7.75	162	274485	39.21	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	307612	39.60	ng	99
31) Naphthalene	7.90	128	957720	38.21	ng	100
32) Benzoic acid	7.71	122	203831	43.04	ng	# 81
33) 4-Chloroaniline	7.95	127	371667	35.68	ng	# 88
34) Hexachlorobutadiene	8.01	225	175492	39.81	ng	99
35) Caprolactam	8.34	113	88905	38.14	ng	# 55
36) 4-Chloro-3-methylphenol	8.46	107	310402	36.76	ng	88
37) 2-Methylnaphthalene	8.58	142	617170	38.50	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	291720	42.20	ng	99
40) Hexachlorocyclopentadiene	8.73	237	78429	34.35	ng	96

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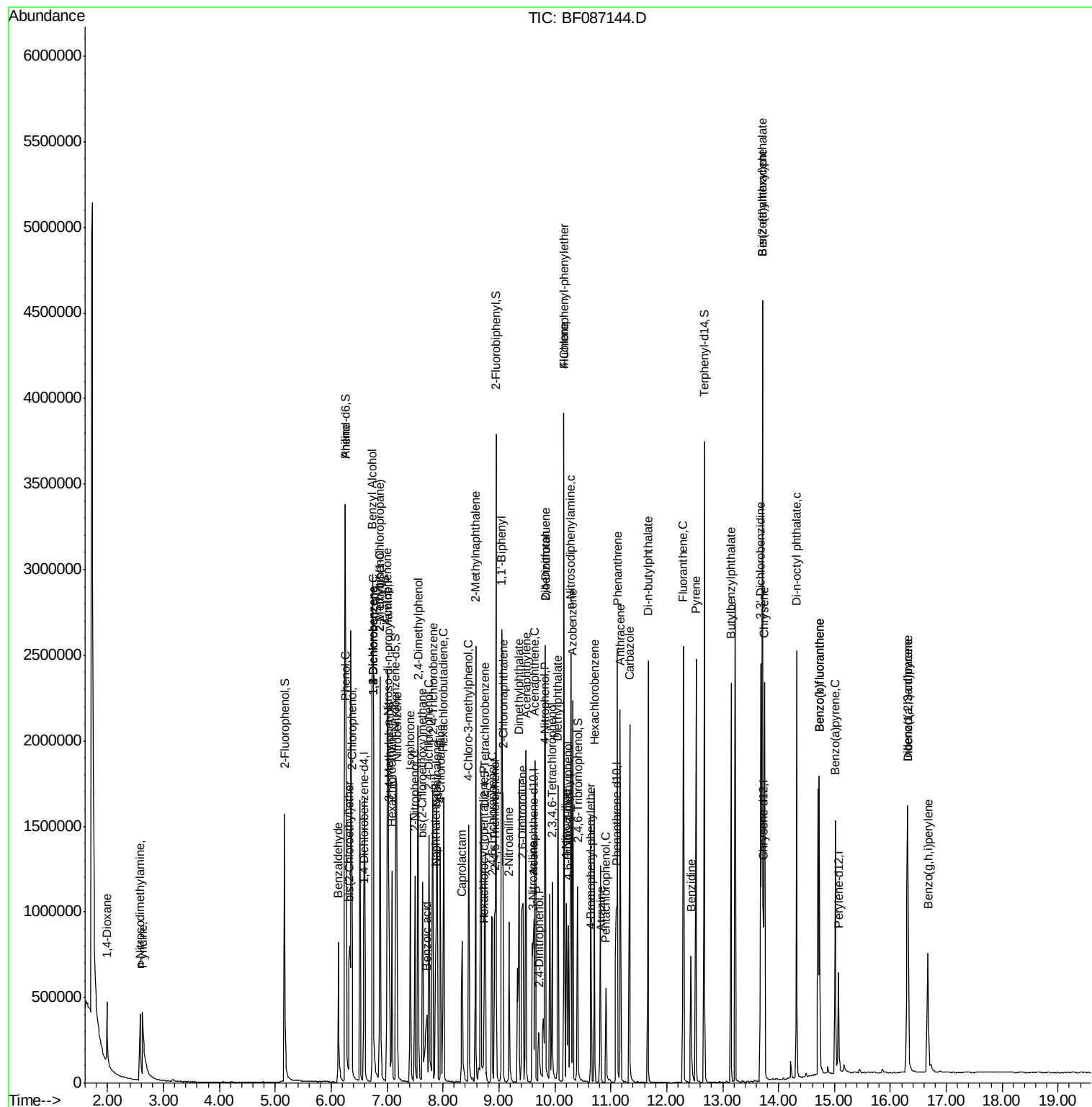
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	180564	40.28	nq	93
43) 2,4,5-Trichlorophenol	8.92	196	176634	37.93	nq	93
45) 1,1'-Biphenyl	9.05	154	854702	43.56	nq	99
46) 2-Chloronaphthalene	9.07	162	612714	40.67	nq	99
47) 2-Nitroaniline	9.18	65	210278	36.42	nq	# 70
48) Acenaphthylene	9.48	152	897338	39.01	nq	99
49) Dimethylphthalate	9.36	163	722160	40.00	nq	100
50) 2,6-Dinitrotoluene	9.43	165	165638	42.25	nq	# 78
51) Acenaphthene	9.64	154	562517	39.14	nq	99
52) 3-Nitroaniline	9.60	138	172023	40.54	nq	89
53) 2,4-Dinitrophenol	9.71	184	67067	32.83	nq	92
54) Dibenzofuran	9.83	168	738953	39.76	nq	96
55) 4-Nitrophenol	9.82	139	397317	104.28	nq	# 22
56) 2,4-Dinitrotoluene	9.83	165	195059	38.85	nq	# 88
57) Fluorene	10.16	166	579545	38.81	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	145404	40.09	nq	98
59) Diethylphthalate	10.06	149	725624	42.10	nq	96
60) 4-Chlorophenyl-phenylether	10.16	204	288108	40.71	nq	96
61) 4-Nitroaniline	10.20	138	155769	37.18	nq	# 70
62) Azobenzene	10.32	77	819169	41.25	nq	89
64) 4,6-Dinitro-2-methylphenol	10.24	198	118203	38.20	nq	87
65) n-Nitrosodiphenylamine	10.28	169	586597	39.68	nq	99
66) 4-Bromophenyl-phenylether	10.65	248	180024	37.26	nq	# 75
67) Hexachlorobenzene	10.71	284	210478	37.58	nq	# 80
68) Atrazine	10.82	200	168214	34.88	nq	94
69) Pentachlorophenol	10.91	266	75096	35.69	nq	97
70) Phenanthrene	11.12	178	999366	39.22	nq	100
71) Anthracene	11.16	178	927017	35.97	nq	100
72) Carbazole	11.34	167	936567	39.78	nq	100
73) Di-n-butylphthalate	11.67	149	1095524	40.51	nq	# 99
74) Fluoranthene	12.30	202	961990	37.68	nq	97
76) Benzidine	12.43	184	317651	30.46	nq	97
77) Pyrene	12.53	202	1042634	42.07	nq	100
79) Butylbenzylphthalate	13.15	149	485268	46.39	nq	# 82
80) Benzo(a)anthracene	13.71	228	794390	40.05	nq	99
81) 3,3'-Dichlorobenzidine	13.68	252	598144	47.39	nq	98
82) Chrysene	13.75	228	840623	43.81	nq	100
83) Bis(2-ethylhexyl)phthalate	13.71	149	594113	46.66	nq	96
84) Di-n-octyl phthalate	14.32	149	981372	44.74	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.31	276	671238	39.85	nq	94
87) Benzo(b)fluoranthene	14.73	252	1370174	68.26	nq	97
88) Benzo(k)fluoranthene	14.73	252	1371214	91.75	nq	99
89) Benzo(a)pyrene	15.02	252	644114	38.39	nq	98
90) Dibenzo(a,h)anthracene	16.31	278	554998	39.29	nq	96
91) Benzo(g,h,i)perylene	16.67	276	563667	39.50	nq	# 90

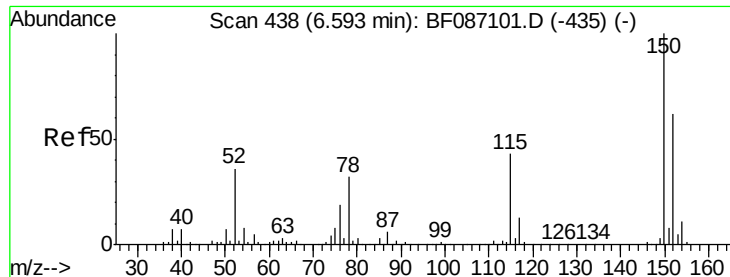
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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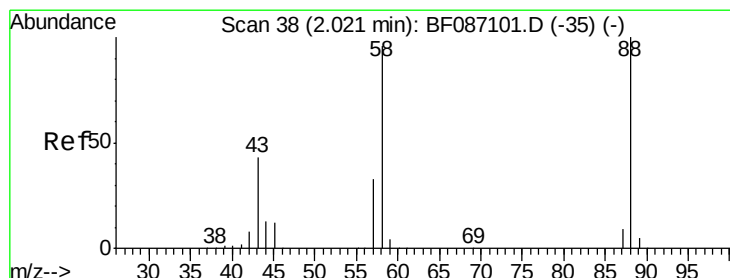
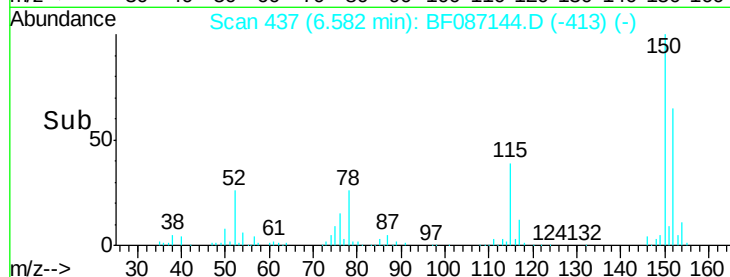
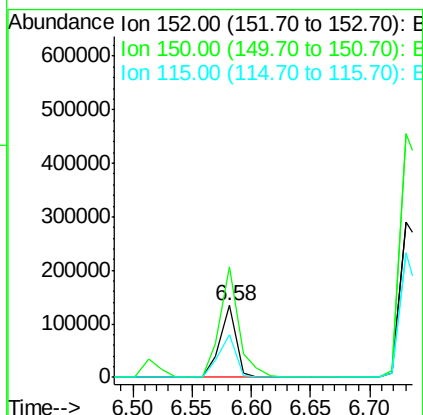
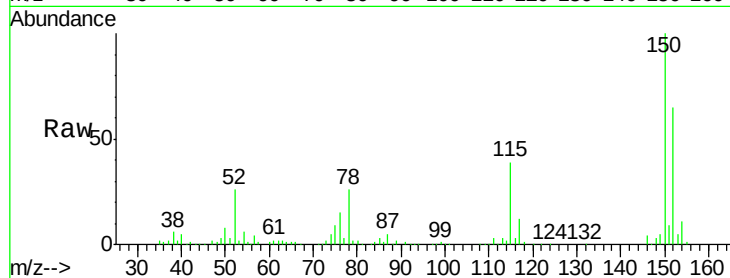


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
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Acq: 18 May 2016 15:11

Instrument :
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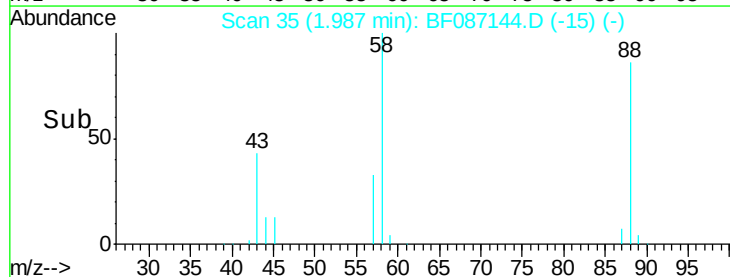
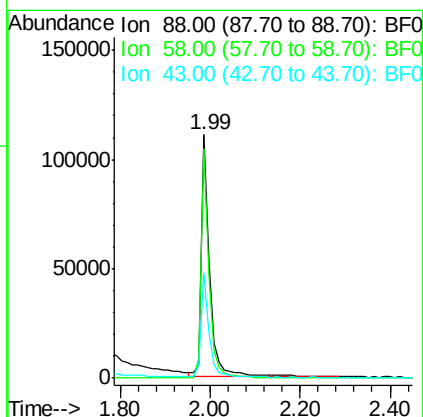
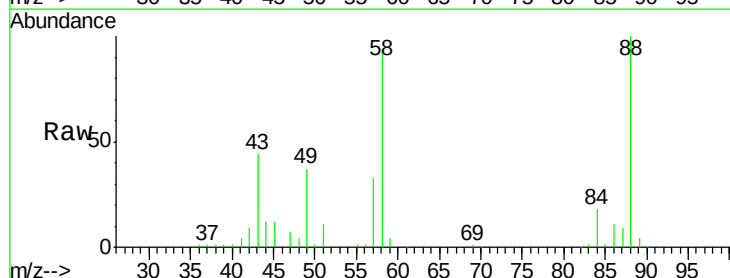
Tot Ion:152 Resp: 124744
Ion Ratio Lower Upper
152 100
150 154.8 125.8 188.6
115 60.0 51.5 77.3

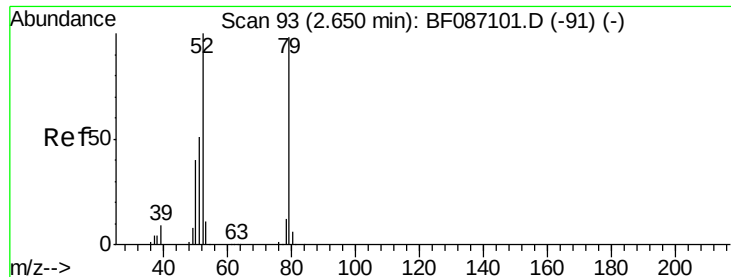


#2

1,4-Dioxane
Concen: 38.28 ng
RT: 1.99 min Scan# 35
Delta R.T. -0.07 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion: 88 Resp: 146139
Ion Ratio Lower Upper
88 100
58 87.7 59.6 89.4
43 40.5 21.8 32.6#





#3

Pvridine

Concen: 36.35 ng

RT: 2.63 min Scan# 91

Delta R.T. -0.06 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

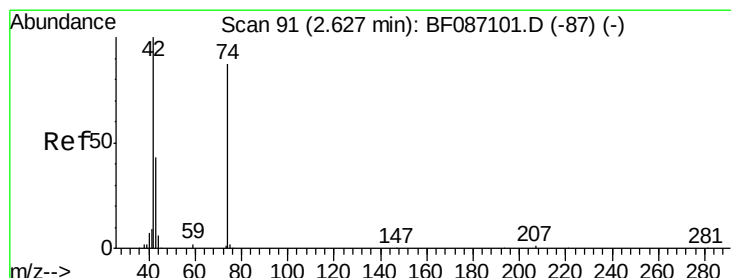
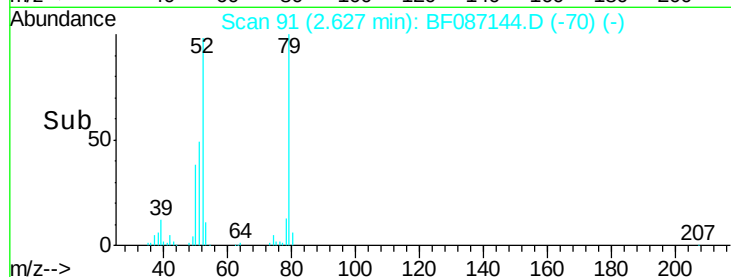
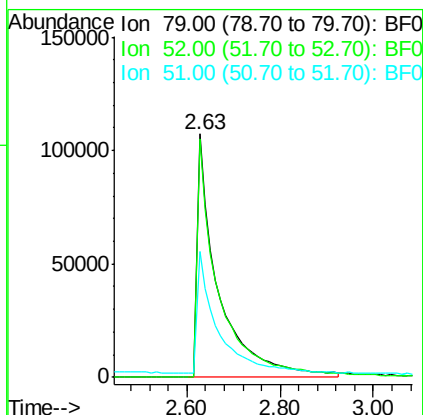
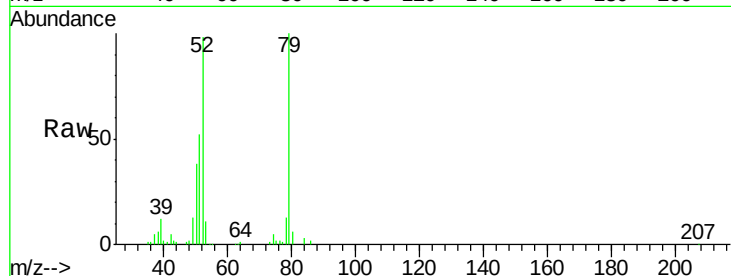
Tot Ion: 79 Resp: 335693

Ion Ratio Lower Upper

79 100

52 98.2 55.9 83.9#

51 51.8 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 39.36 ng

RT: 2.58 min Scan# 87

Delta R.T. -0.08 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

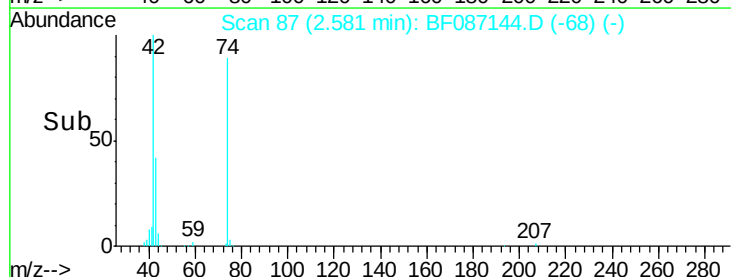
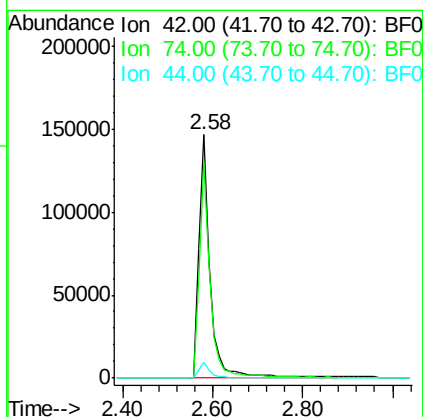
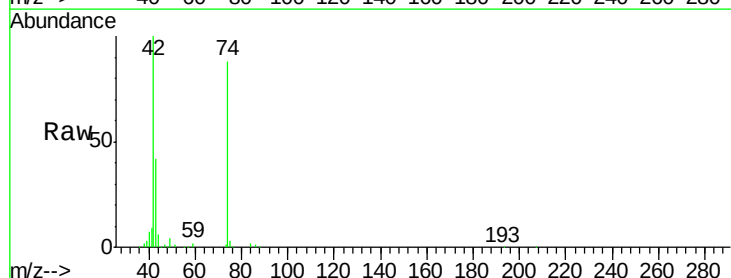
Tgt Ion: 42 Resp: 257557

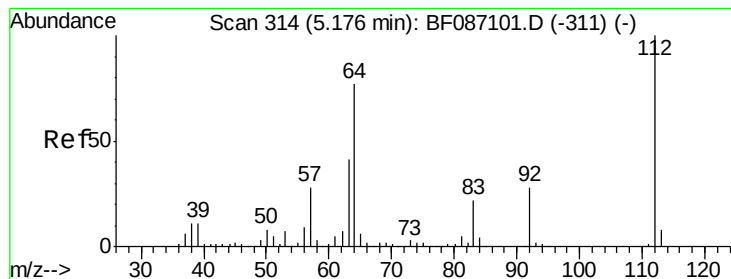
Ion Ratio Lower Upper

42 100

74 88.4 123.4 185.0#

44 6.3 5.8 8.6

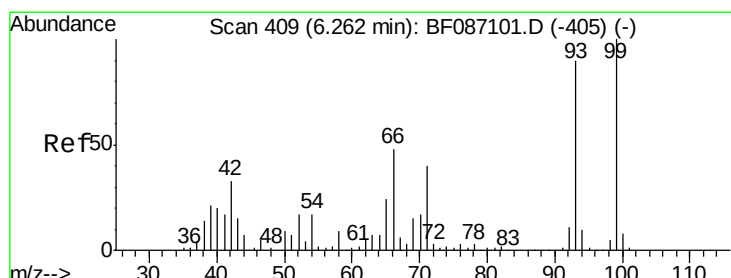
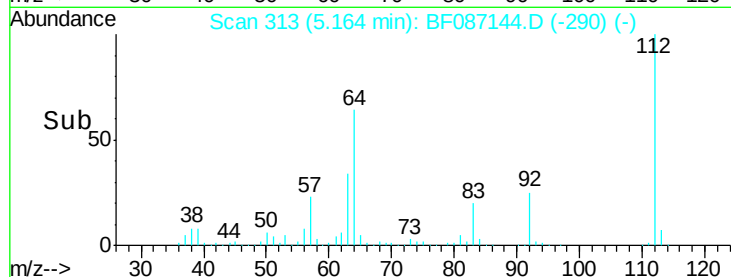
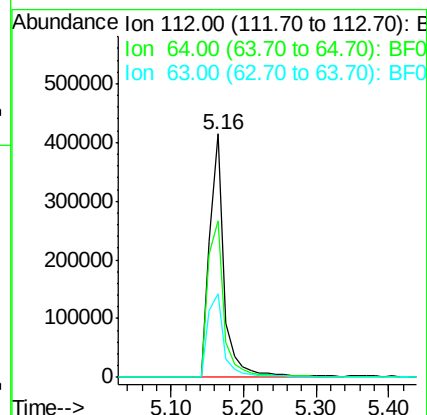
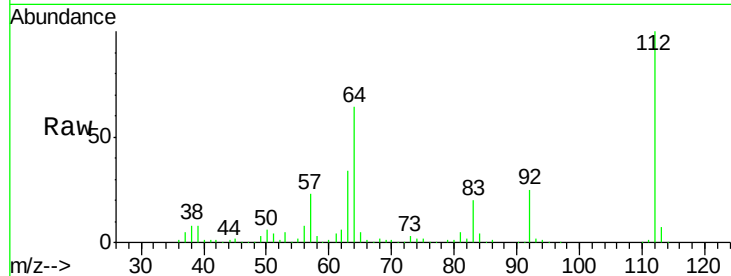




#5
2-Fluorophenol
Concen: 78.42 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

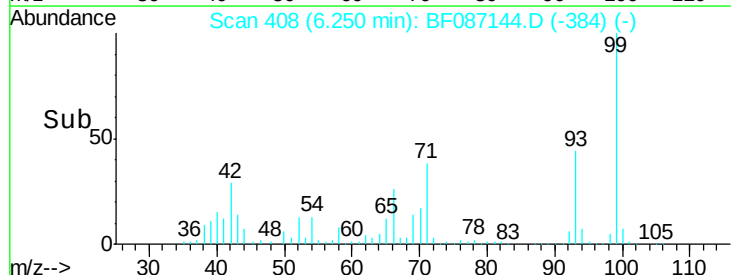
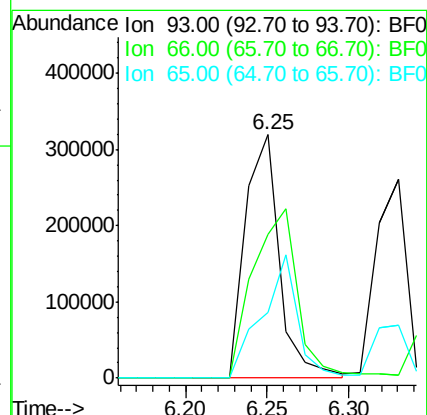
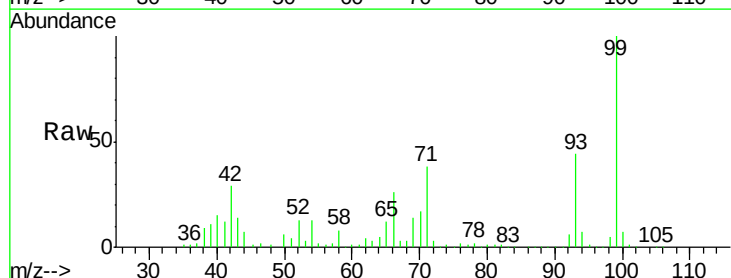
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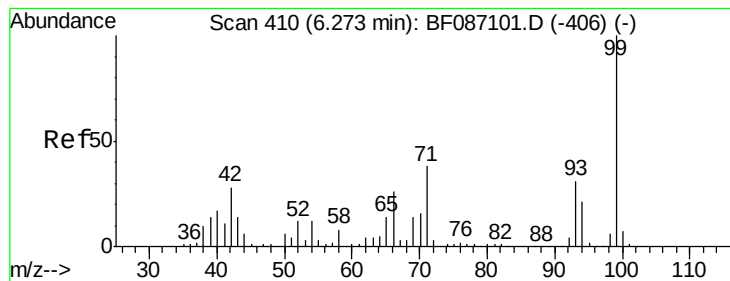
Tot Ion: 112 Resp: 581962
Ion Ratio Lower Upper
112 100
64 64.1 52.1 78.1
63 34.3 25.7 38.5



#6
Aniline
Concen: 36.45 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion: 93 Resp: 460802
Ion Ratio Lower Upper
93 100
66 59.3 39.0 58.6#
65 27.1 20.6 31.0





#7

Phenol-d6

Concen: 71.62 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

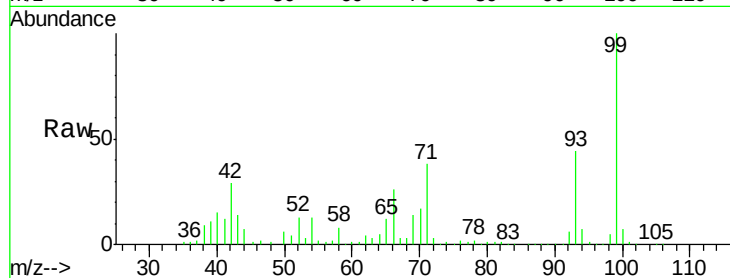
Tot Ion: 99 Resp: 712891

Ion Ratio Lower Upper

99 100

42 29.2 13.6 20.4#

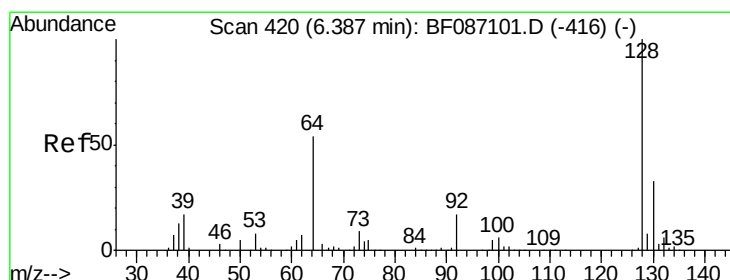
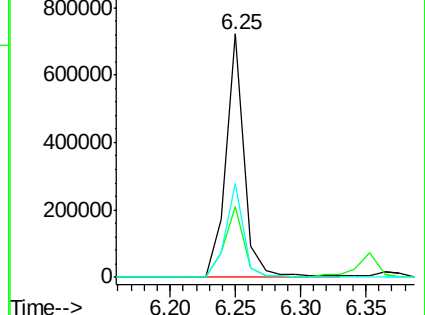
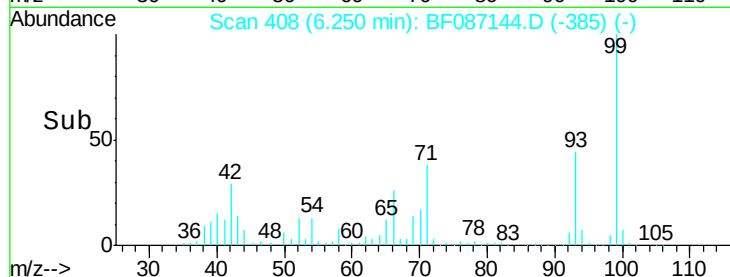
71 38.4 24.6 36.8#



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: 37.77 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

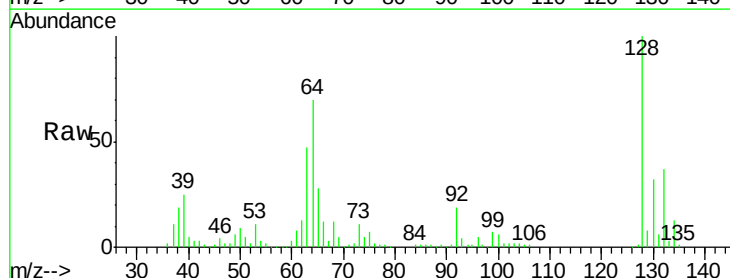
Tgt Ion: 128 Resp: 341075

Ion Ratio Lower Upper

128 100

130 31.6 12.5 52.5

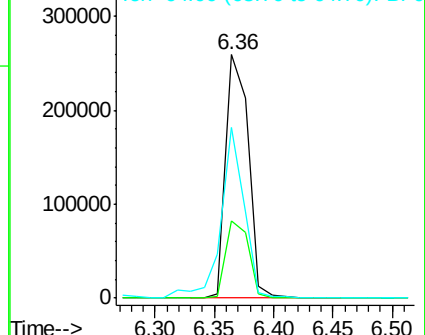
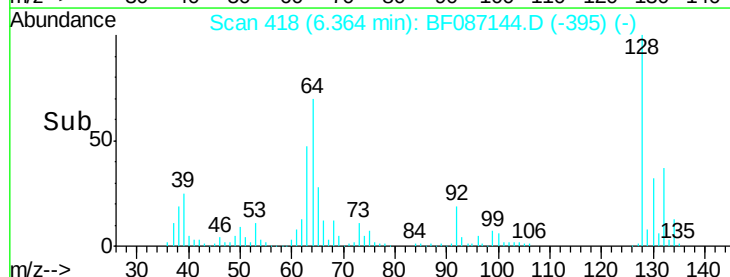
64 70.1 27.3 67.3#

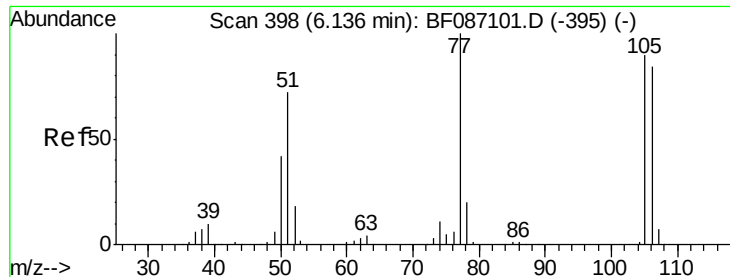


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

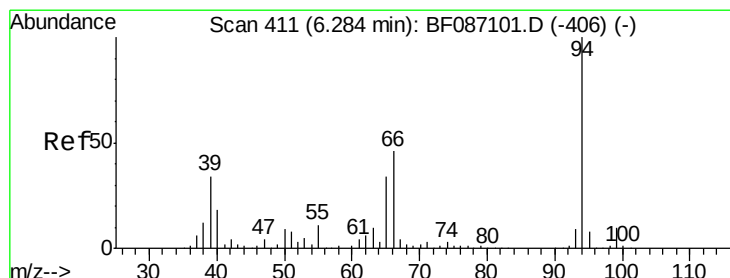
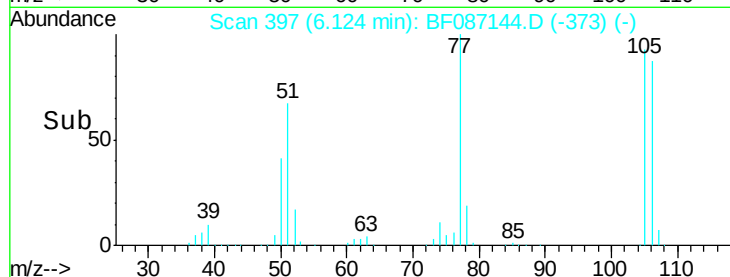
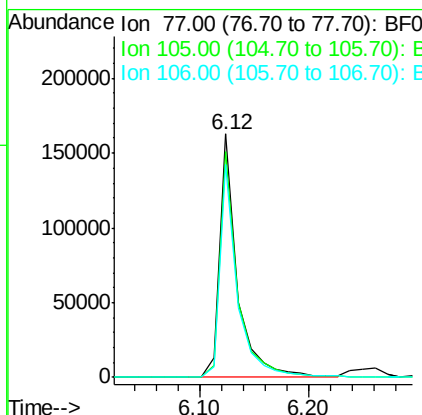
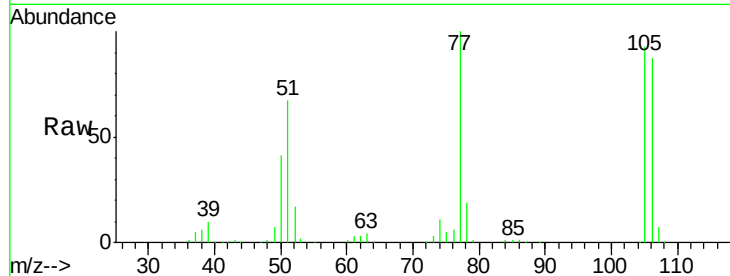




#9
Benzaldehyde
Concen: 32.96 ng
RT: 6.12 min Scan# 397
Delta R.T. -0.02 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

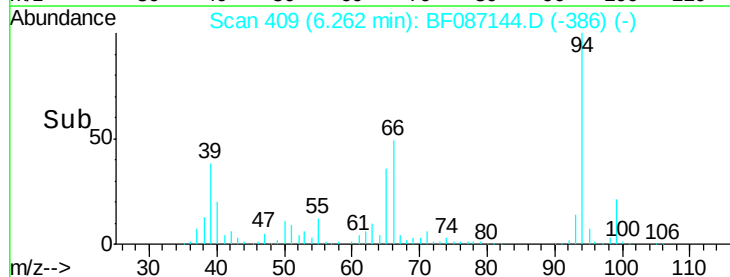
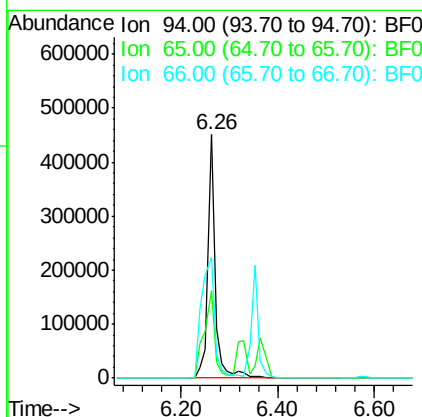
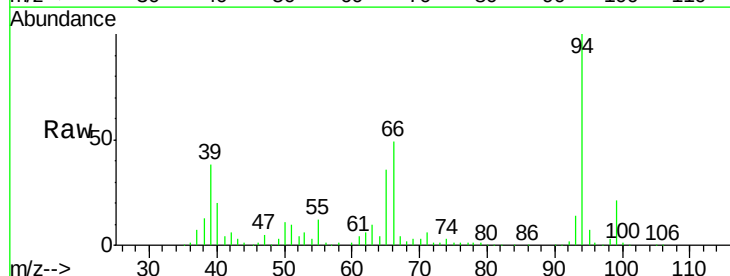
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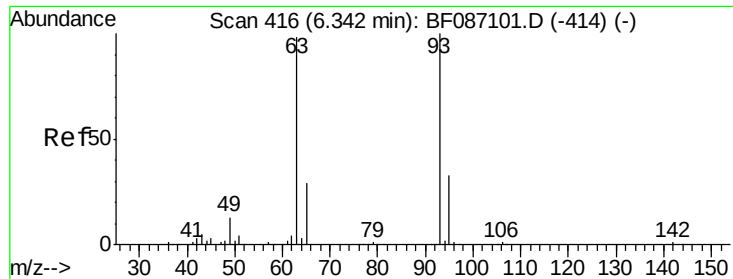
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Ion Ratio Lower Upper
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105 92.5 72.7 112.7
106 87.4 70.8 110.8



#10
Phenol
Concen: 38.75 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion: 94 Resp: 484893
Ion Ratio Lower Upper
94 100
65 36.0 7.2 47.2
66 49.4 14.9 54.9

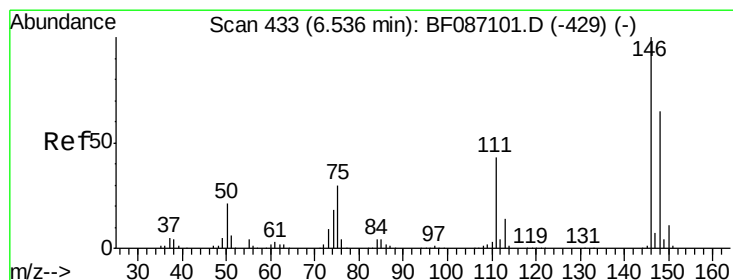
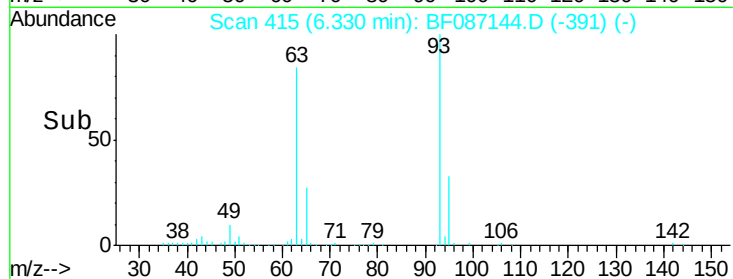
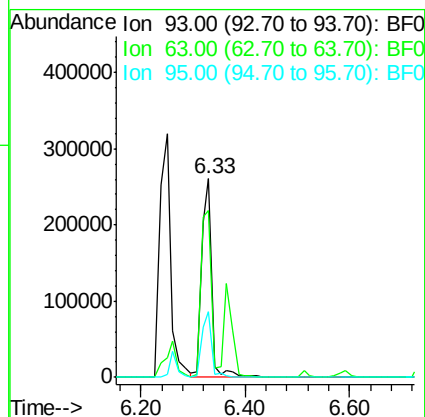
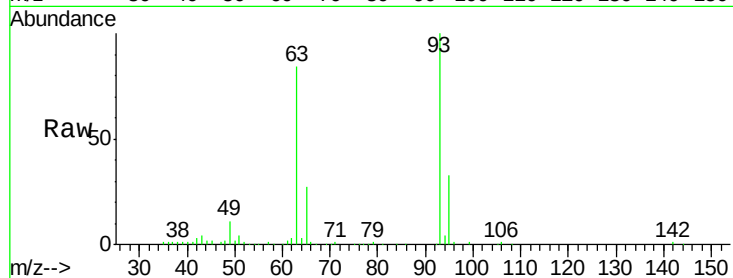




#11
bis(2-Chloroethyl)ether
Concen: 37.85 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

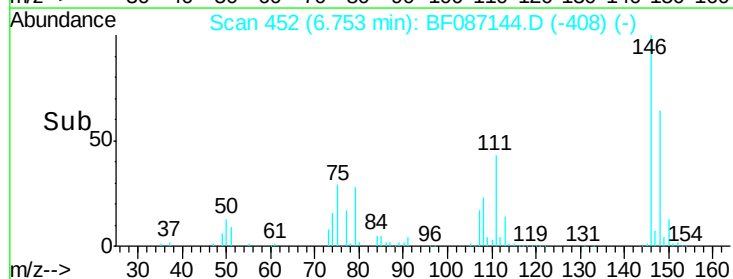
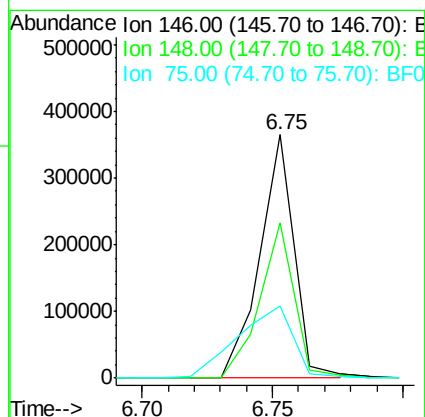
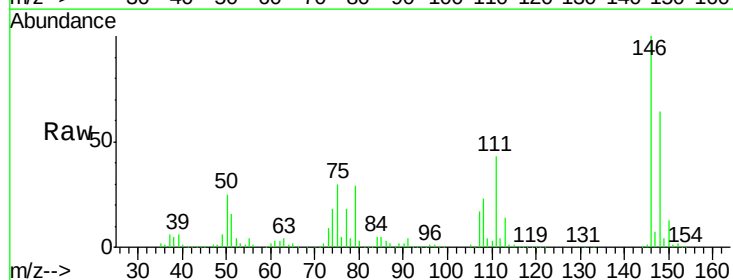
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

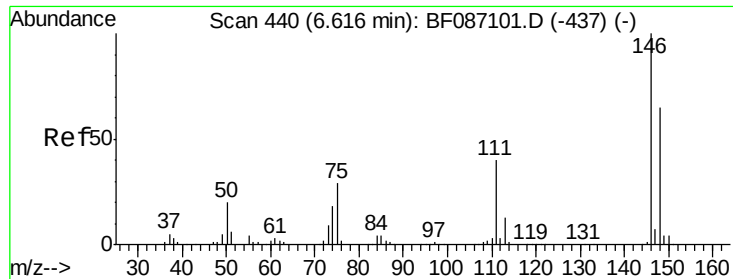
Tot Ion: 93 Resp: 355592
Ion Ratio Lower Upper
93 100
63 84.0 58.0 98.0
95 33.0 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 35.12 ng
RT: 6.75 min Scan# 452
Delta R.T. 0.21 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion: 146 Resp: 337051
Ion Ratio Lower Upper
146 100
148 64.0 52.4 78.6
75 29.6 22.8 34.2

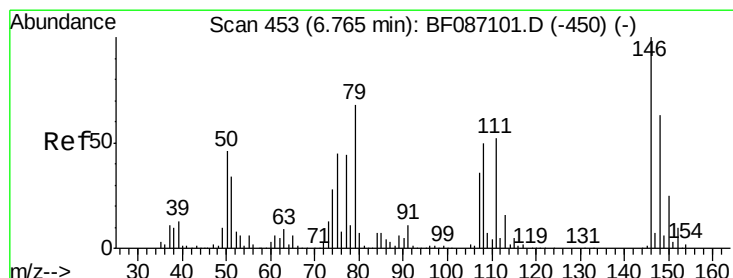
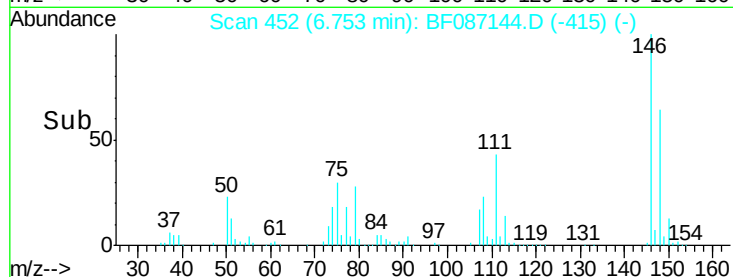
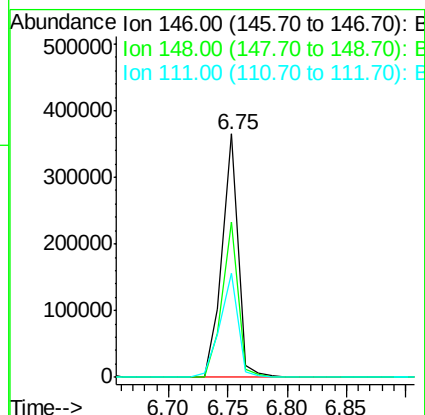
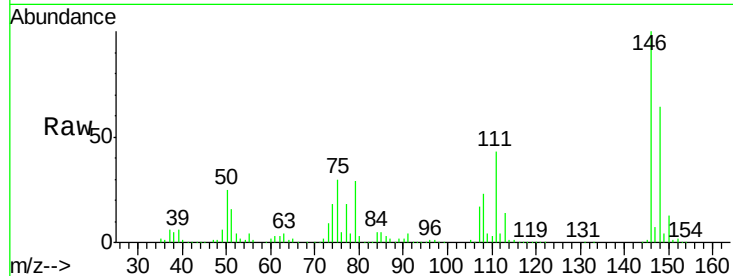




#13
 1,4-Dichlorobenzene
 Concen: 34.60 ng
 RT: 6.75 min Scan# 452
 Delta R.T. 0.13 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

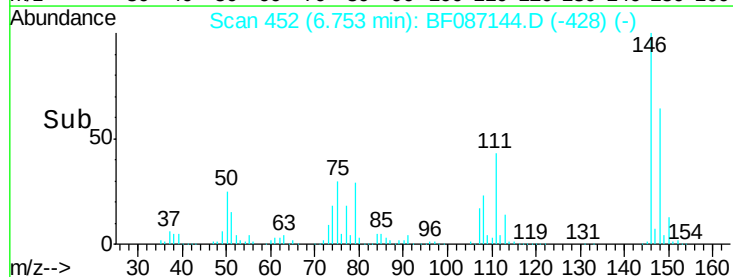
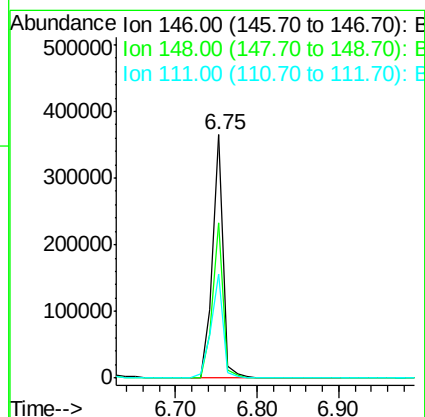
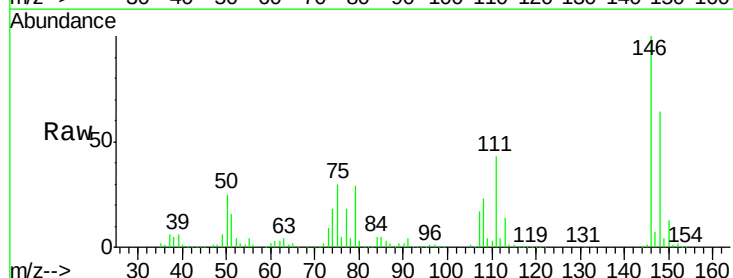
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

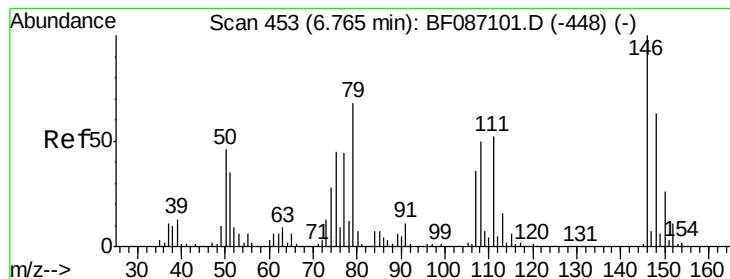
Tot Ion:146 Resp: 339798
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.4
 111 42.9 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 39.90 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion:146 Resp: 343013
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.0 76.6
 111 42.9 36.2 54.4





#15

Benzyl Alcohol

Concen: 38.14 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

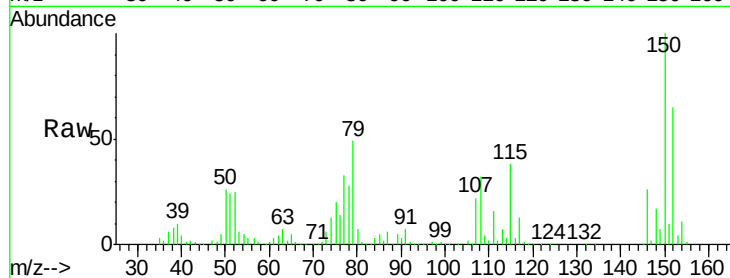
Tot Ion: 79 Resp: 282647

Ion Ratio Lower Upper

79 100

108 64.6 68.4 102.6#

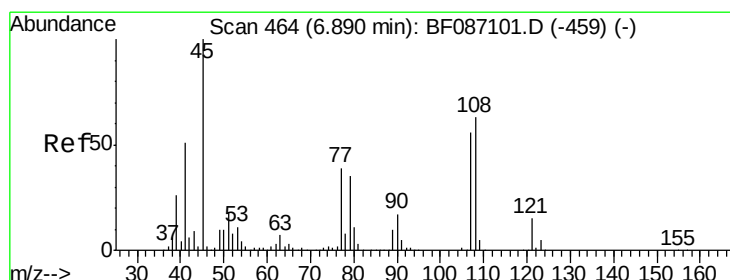
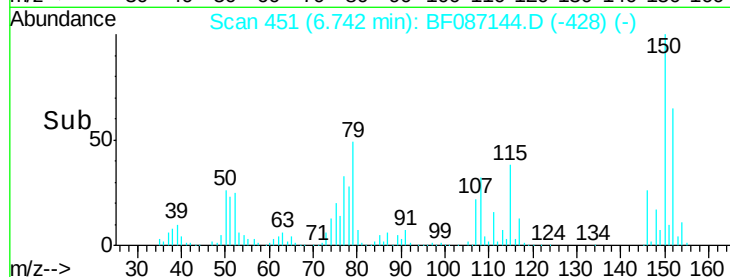
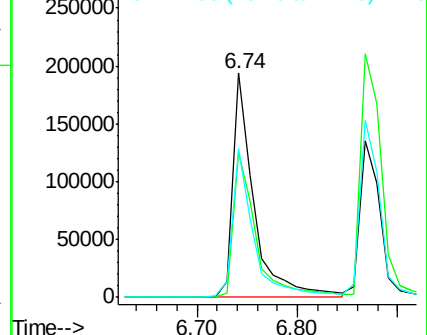
77 66.5 50.6 76.0



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: 37.63 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

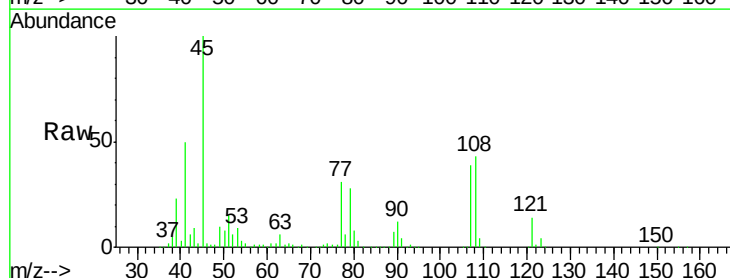
Tgt Ion: 45 Resp: 726882

Ion Ratio Lower Upper

45 100

77 31.5 0.0 36.4

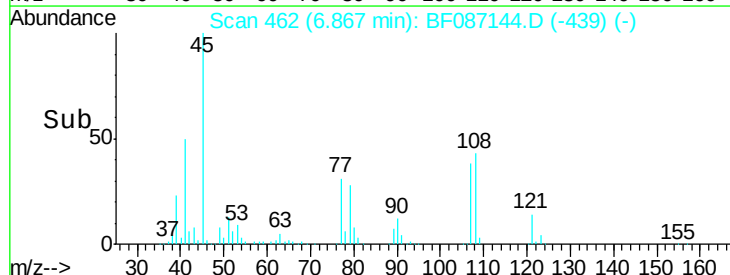
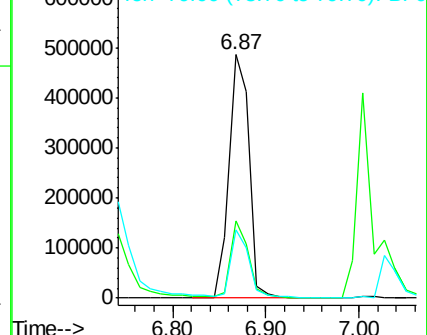
79 27.8 0.0 33.4

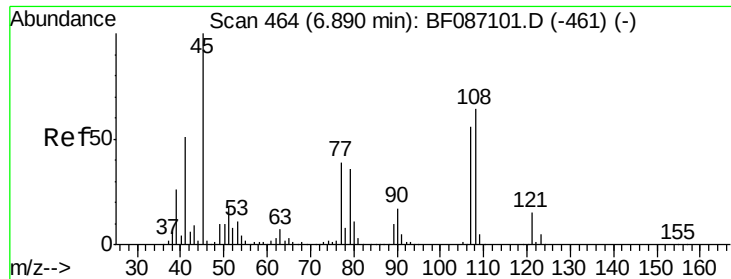


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 35.35 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 262133

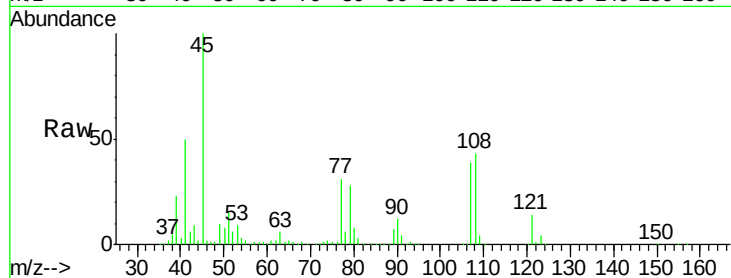
Ion Ratio Lower Upper

107 100

108 112.3 93.7 140.5

77 81.7 33.4 50.0#

79 72.1 34.3 51.5#

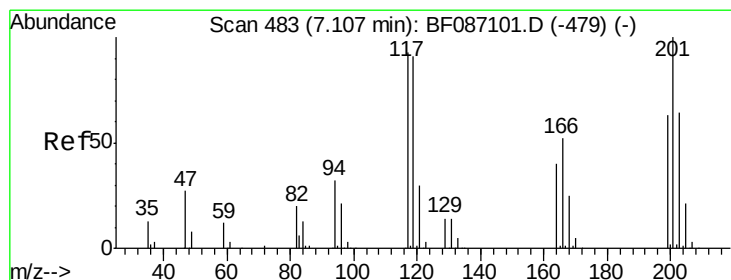
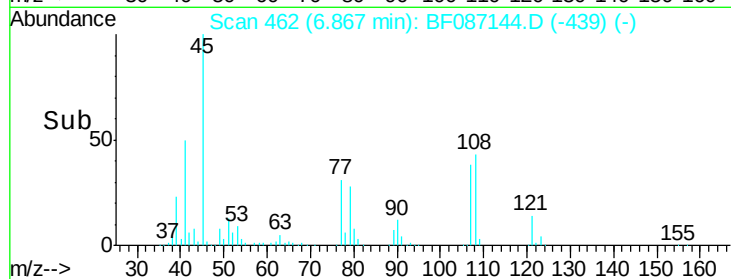
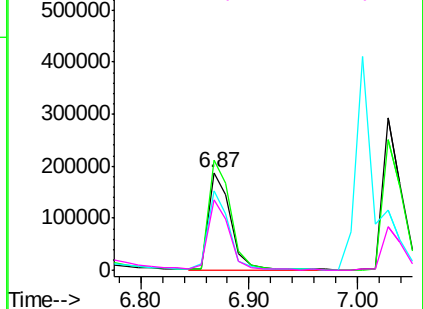


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.33 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

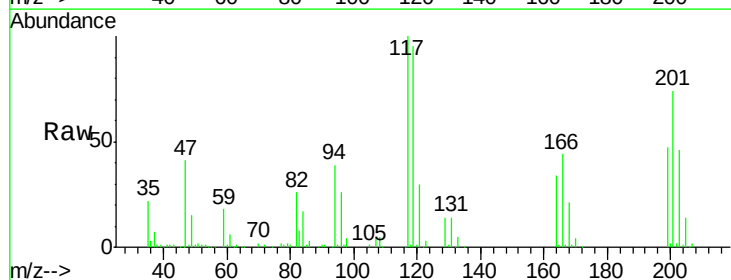
Tgt Ion:117 Resp: 140172

Ion Ratio Lower Upper

117 100

119 95.2 76.5 114.7

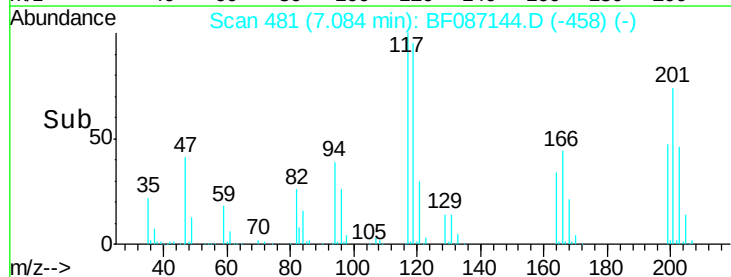
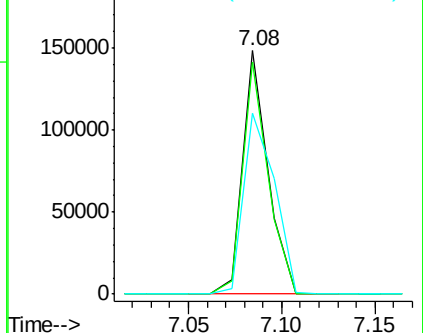
201 74.2 63.0 94.6

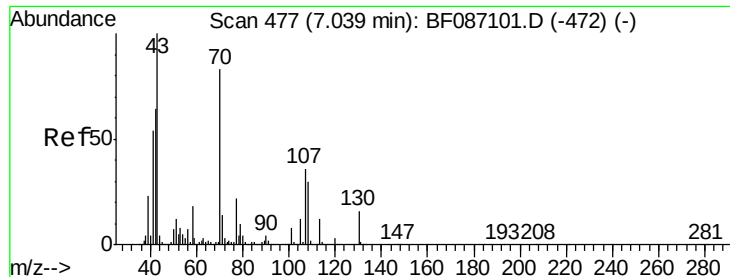


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

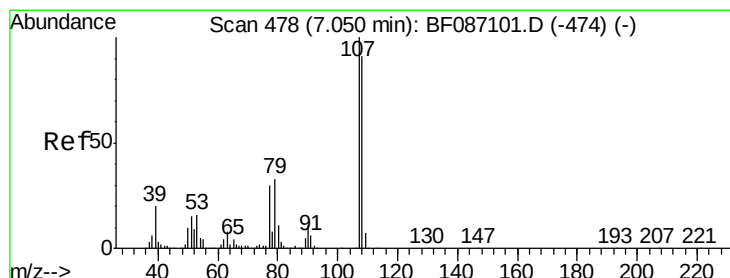
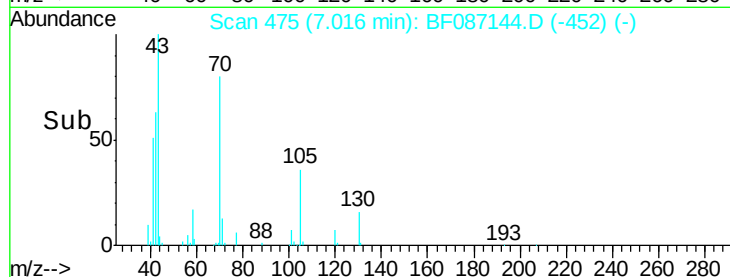
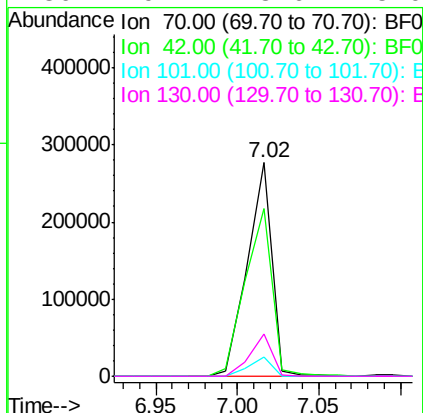
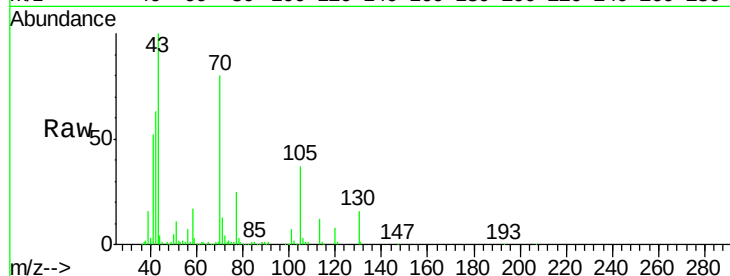




#19
n-Nitroso-di-n-propylamine
Concen: 38.11 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

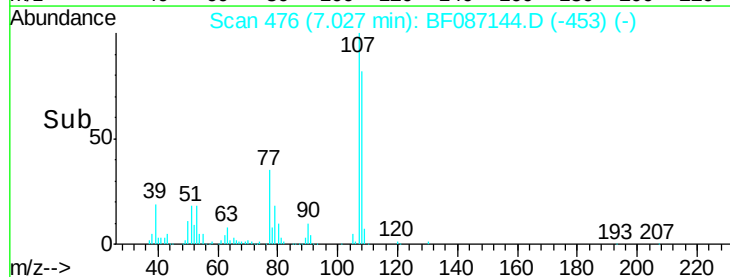
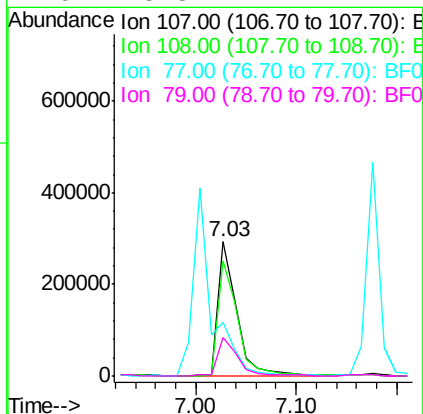
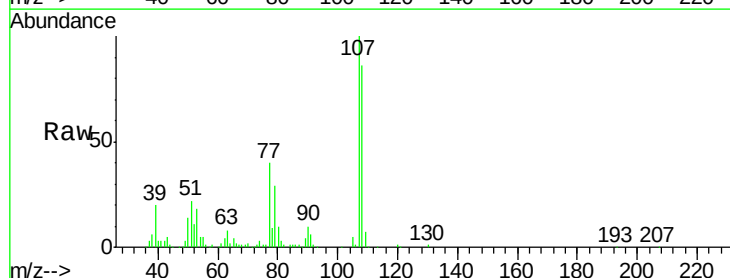
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

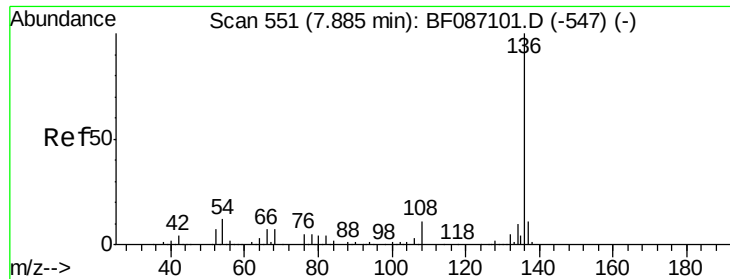
Tot Ion: 70 Resp: 288349
Ion Ratio Lower Upper
70 100
42 78.7 43.1 64.7#
101 9.2 8.1 12.1
130 19.7 18.6 28.0



#20
3+4-Methylphenols
Concen: 38.19 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion: 107 Resp: 373587
Ion Ratio Lower Upper
107 100
108 85.8 68.5 108.5
77 39.7 101.6 141.6#
79 28.8 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 512965

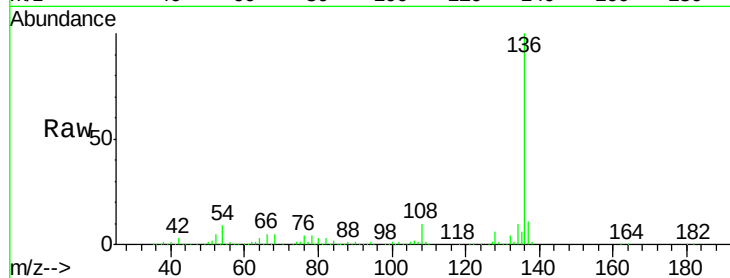
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.7 5.0 7.4#

68 5.0 4.4 6.6

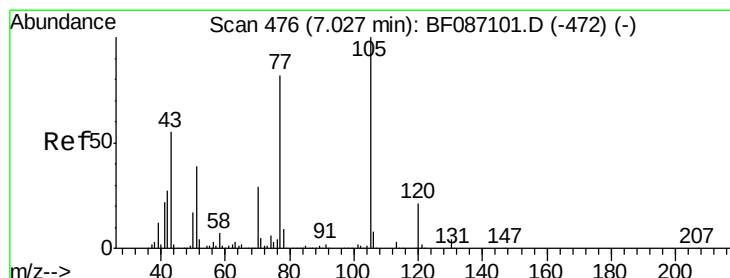
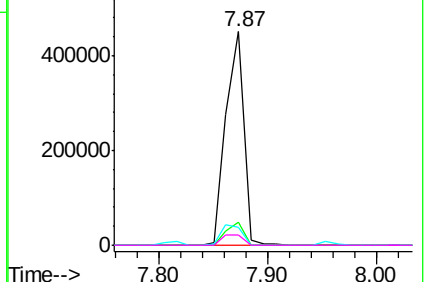
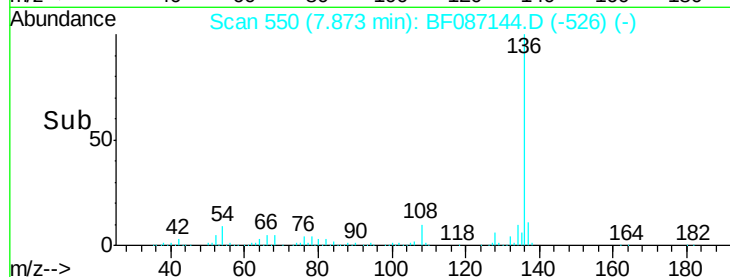


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.68 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:105 Resp: 498054

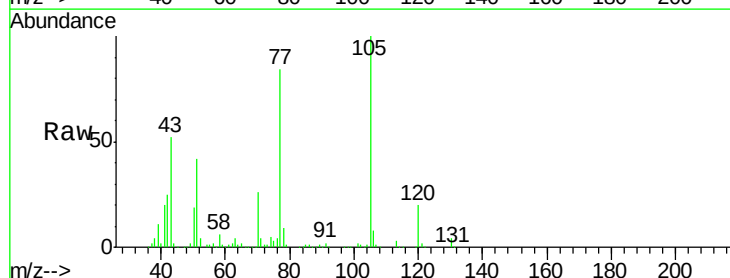
Ion Ratio Lower Upper

105 100

71 4.3 4.8 7.2#

51 42.1 32.6 49.0

120 20.4 16.5 24.7

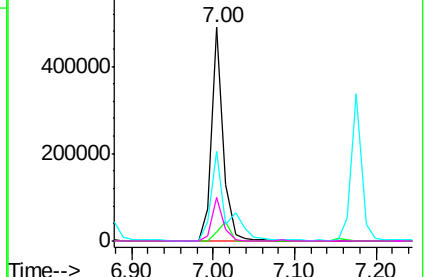
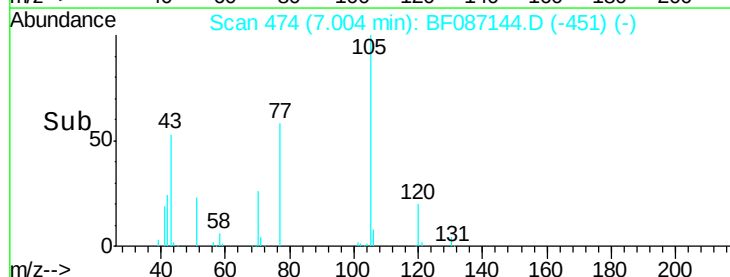


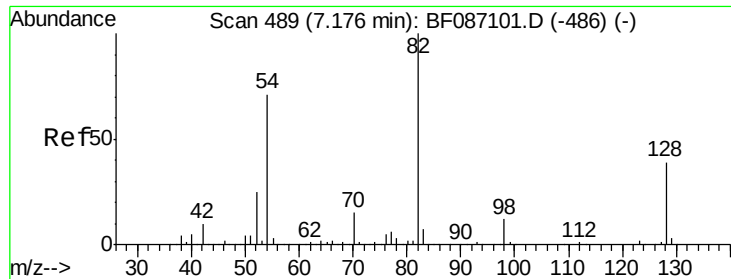
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

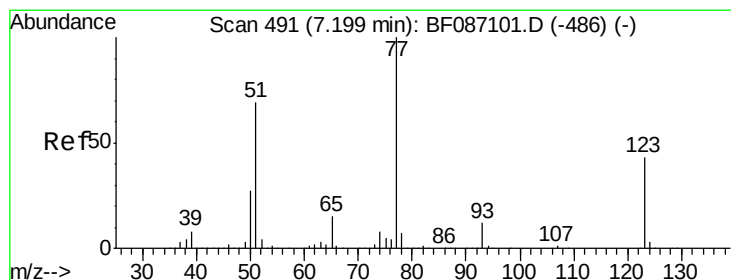
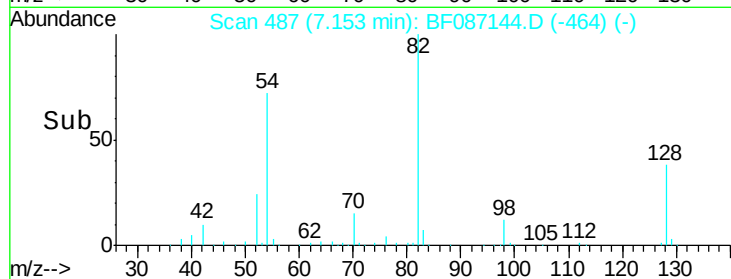
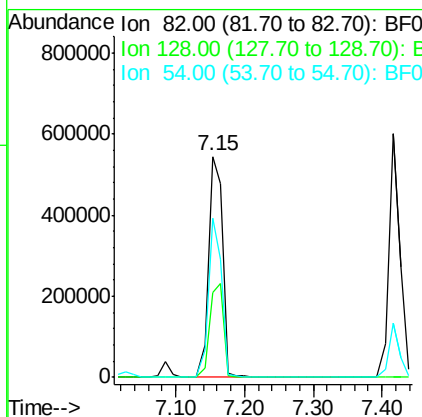
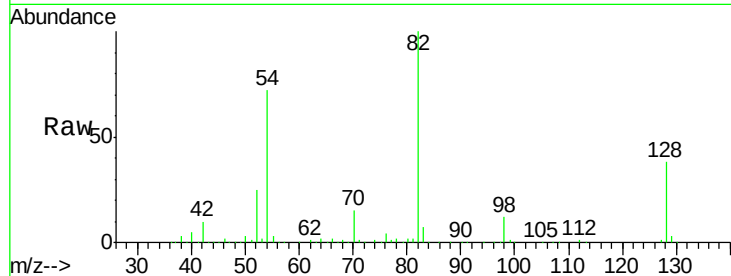




#23
 Nitrobenzene-d5
 Concen: 75.57 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

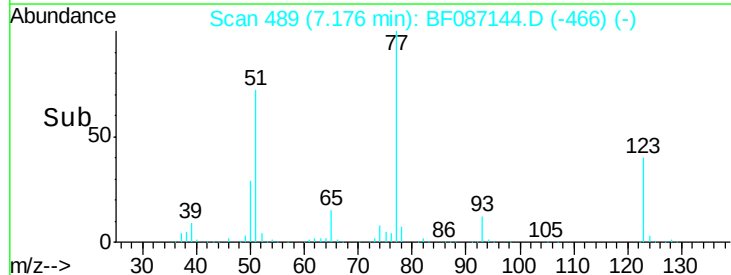
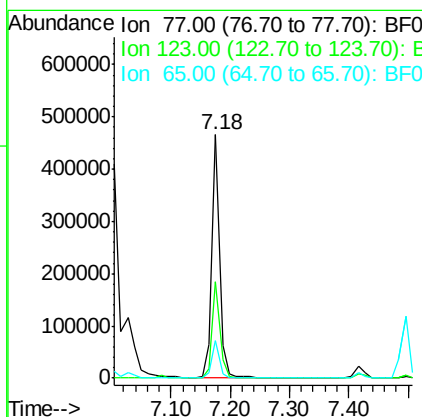
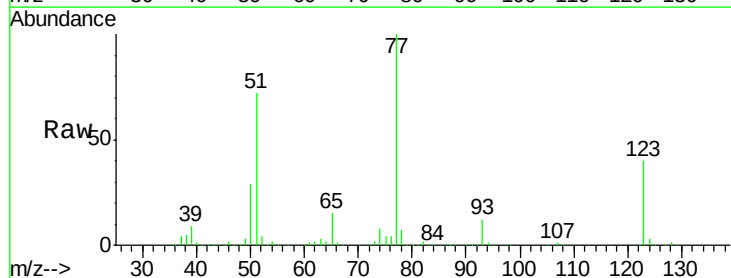
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

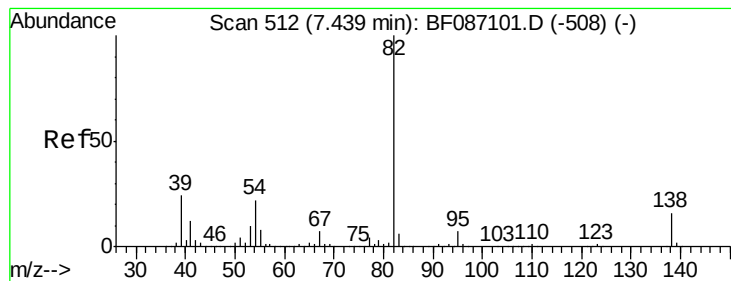
Tot Ion: 82 Resp: 777799
 Ion Ratio Lower Upper
 82 100
 128 38.3 40.6 61.0#
 54 71.9 38.1 57.1#



#24
 Nitrobenzene
 Concen: 37.72 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion: 77 Resp: 423856
 Ion Ratio Lower Upper
 77 100
 123 39.8 33.0 49.4
 65 15.3 10.8 16.2





#25

Isophorone

Concen: 35.87 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

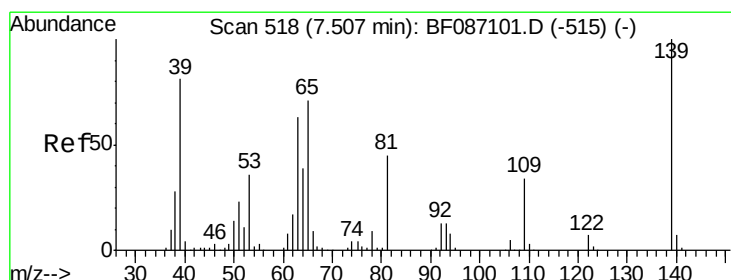
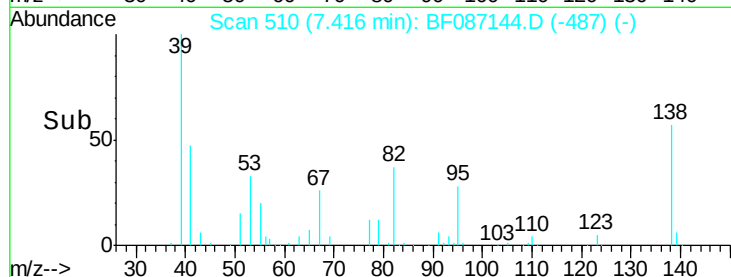
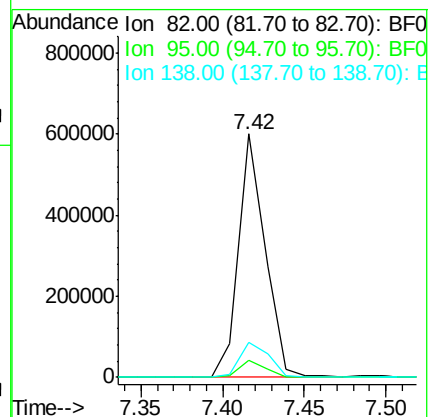
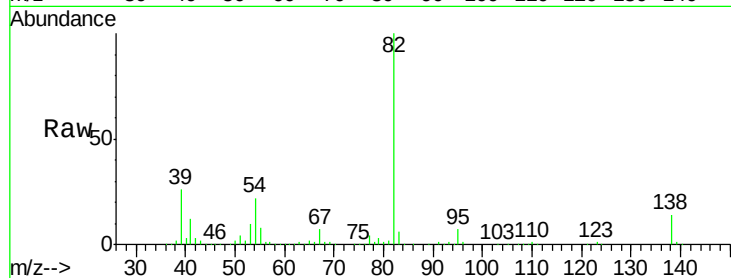
Tot Ion: 82 Resp: 675748

Ion Ratio Lower Upper

82 100

95 7.1 5.1 7.7

138 14.4 12.4 18.6



#26

2-Nitrophenol

Concen: 41.24 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

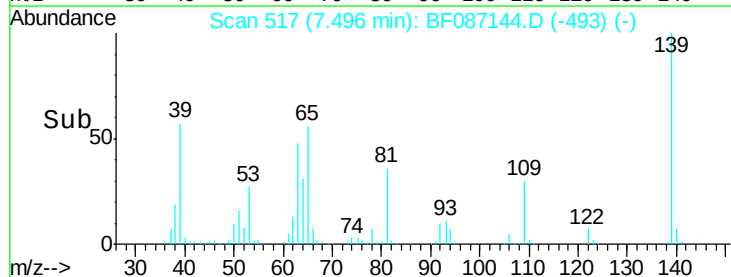
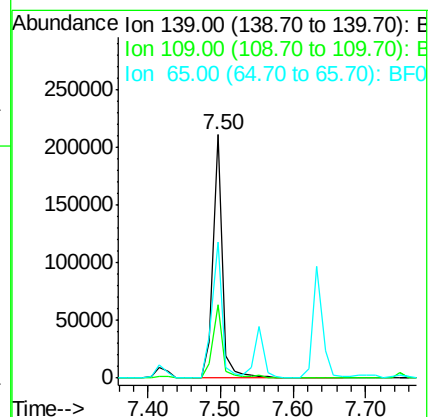
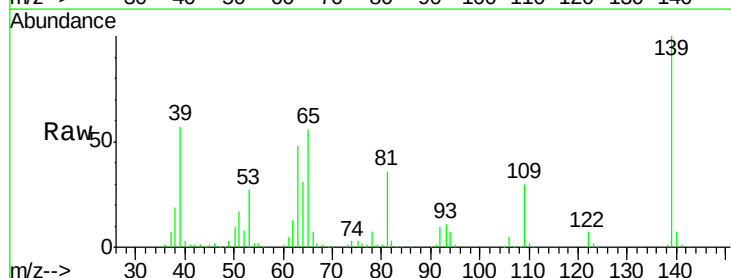
Tgt Ion: 139 Resp: 192005

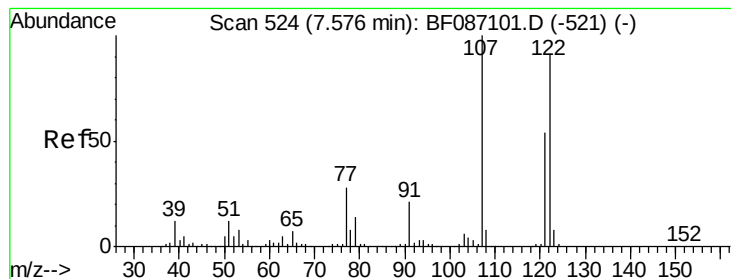
Ion Ratio Lower Upper

139 100

109 30.1 19.5 29.3#

65 55.8 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 39.40 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

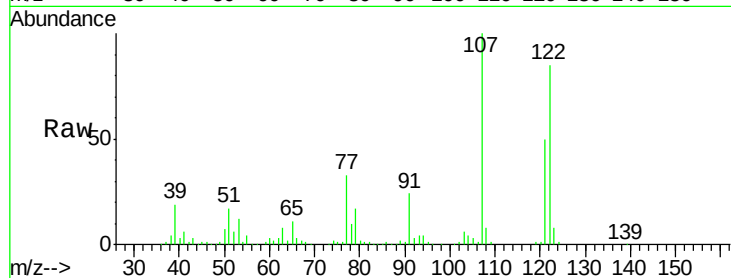
Tot Ion:122 Resp: 313052

Ion Ratio Lower Upper

122 100

107 117.1 82.0 123.0

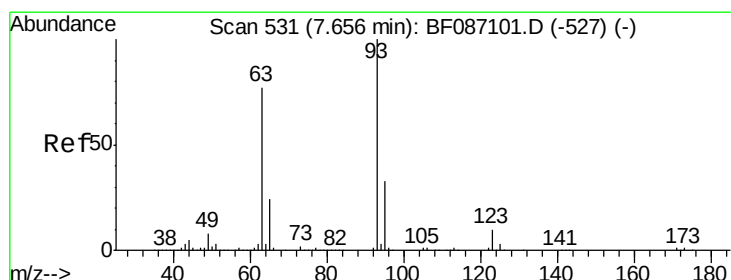
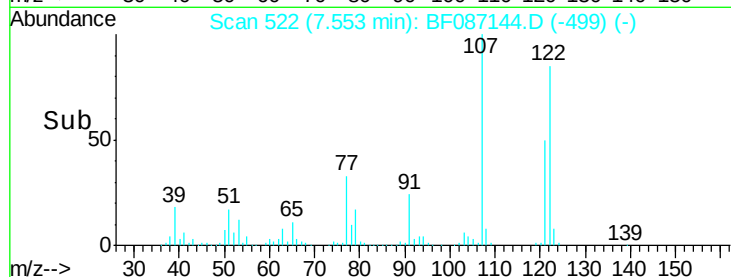
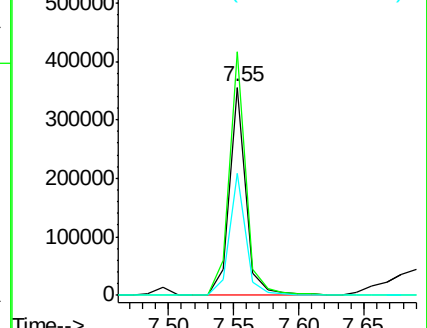
121 59.0 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.01 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

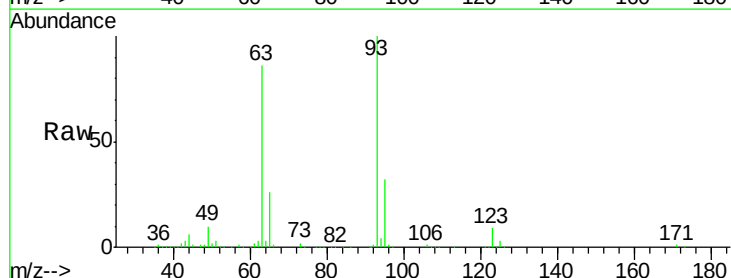
Tgt Ion: 93 Resp: 372502

Ion Ratio Lower Upper

93 100

95 32.5 26.0 39.0

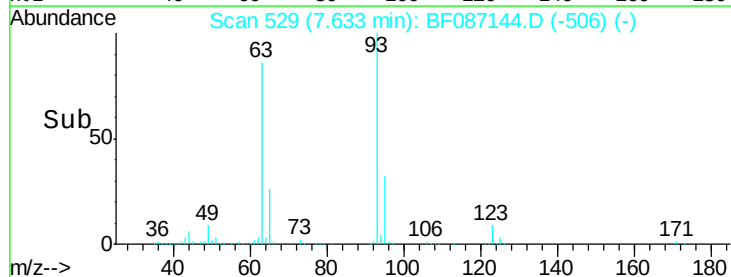
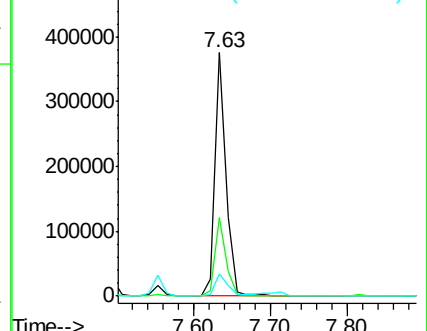
123 9.2 9.5 14.3#

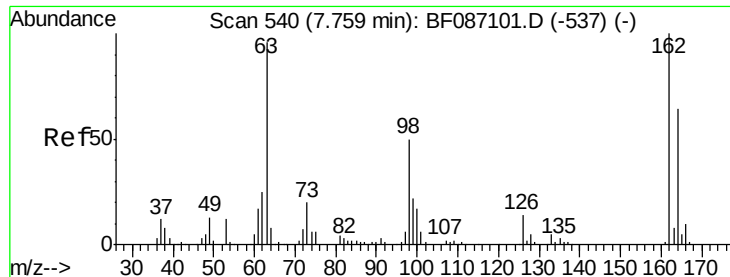


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

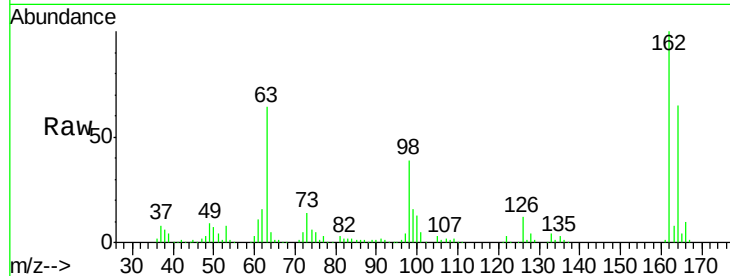




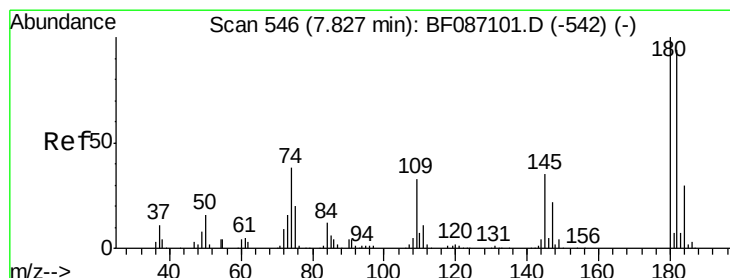
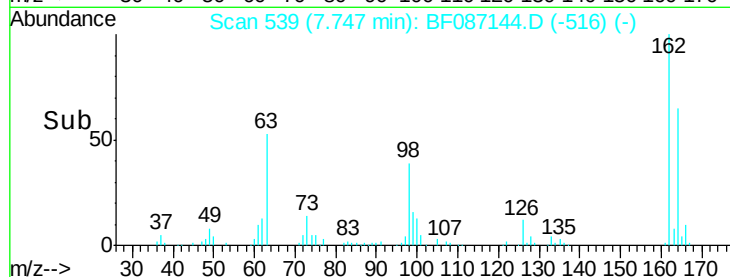
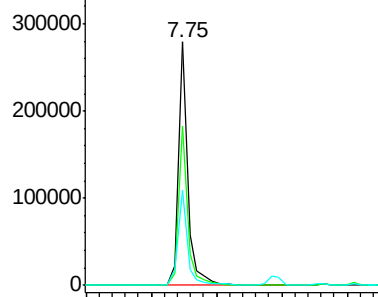
#29
 2,4-Dichlorophenol
 Concen: 39.21 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.2	82.2
98	38.8	19.0	59.0

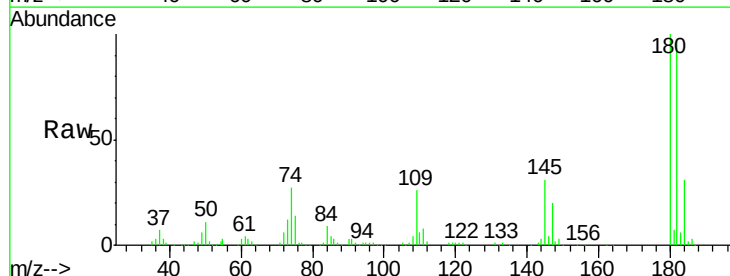


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

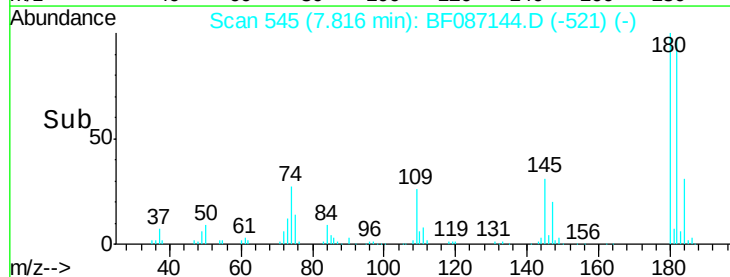
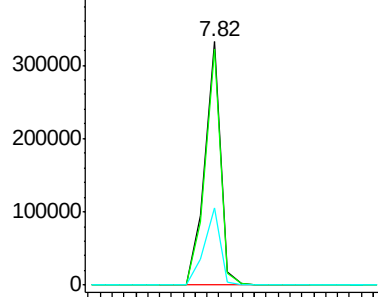


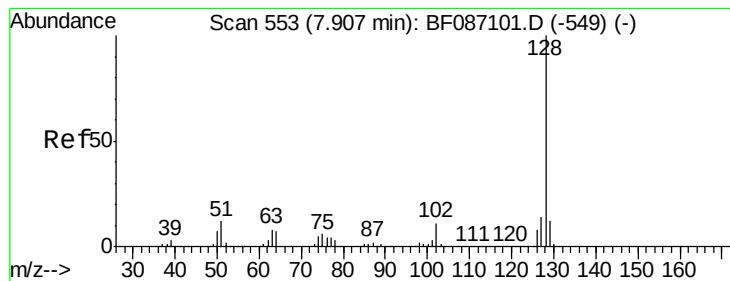
#30
 1,2,4-Trichlorobenzene
 Concen: 39.60 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	78.0	117.0
145	31.5	24.2	36.2



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: 38.21 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

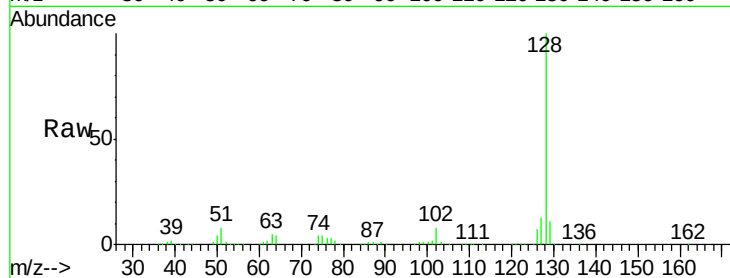
Tot Ion:128 Resp: 957720

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

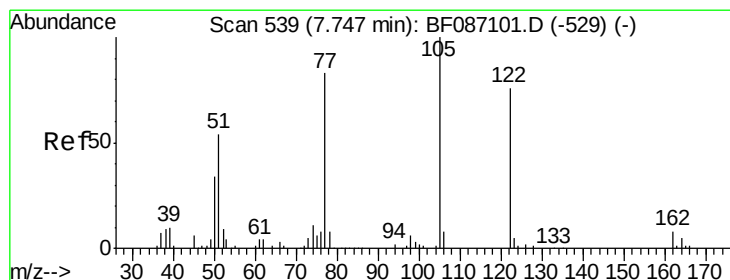
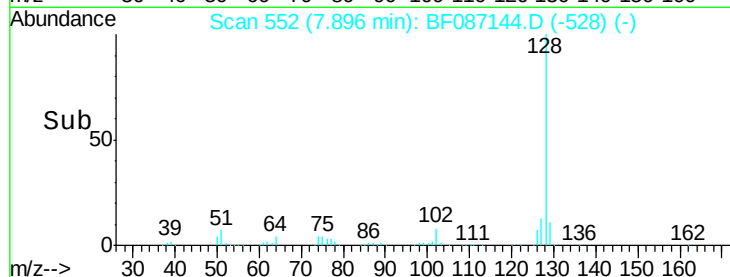
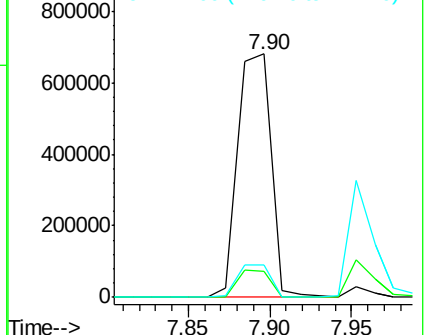
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.04 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

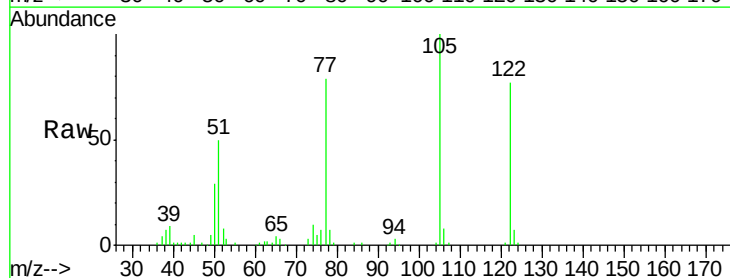
Tgt Ion:122 Resp: 203831

Ion Ratio Lower Upper

122 100

105 129.3 92.6 132.6

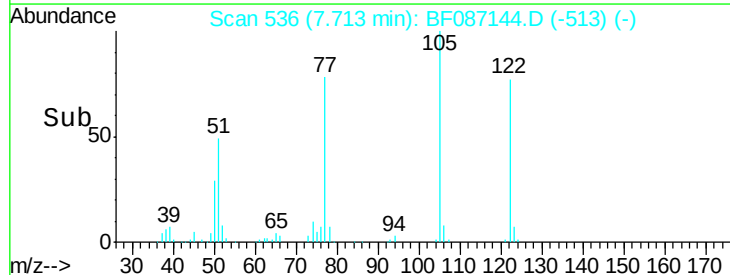
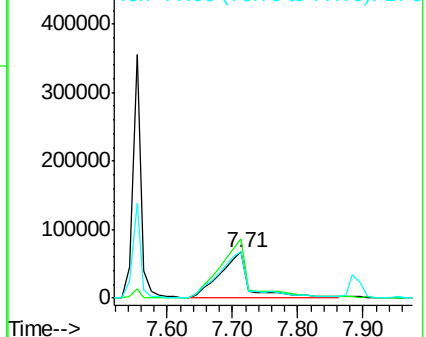
77 102.0 60.0 100.0#

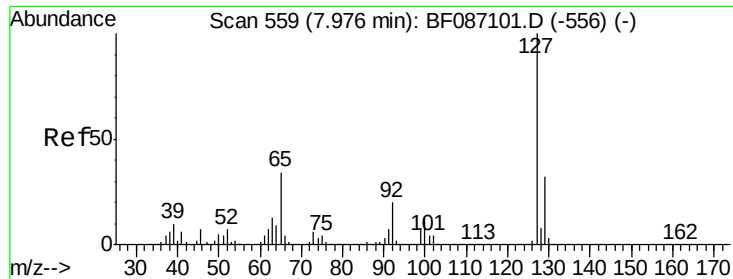


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

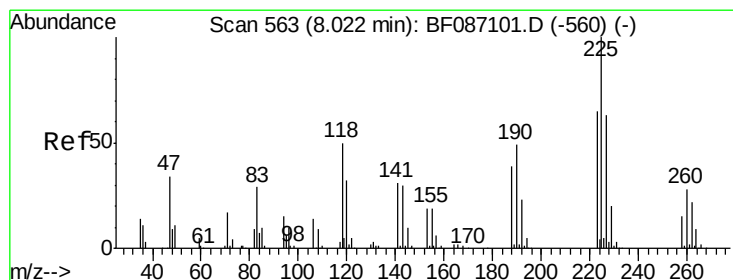
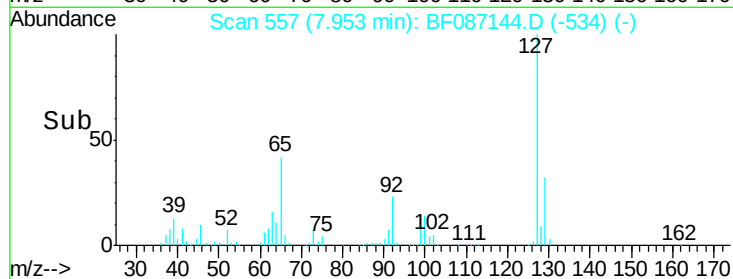
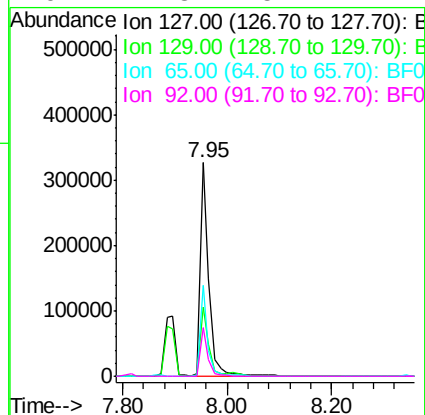
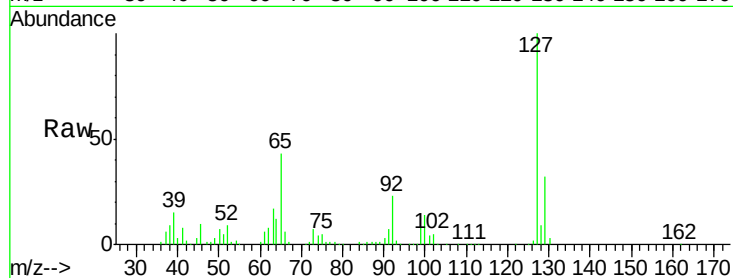




#33
4-Chloroaniline
Concen: 35.68 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

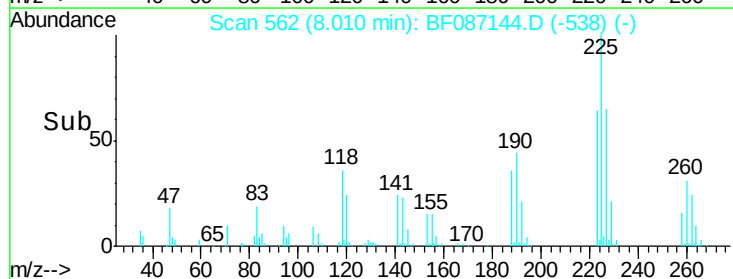
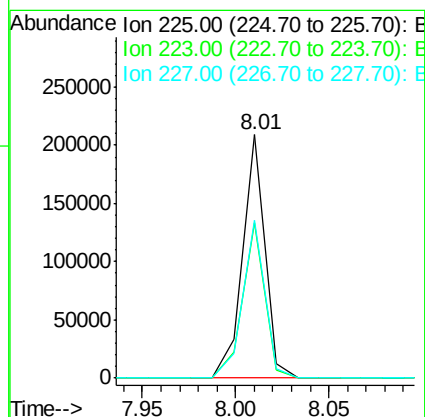
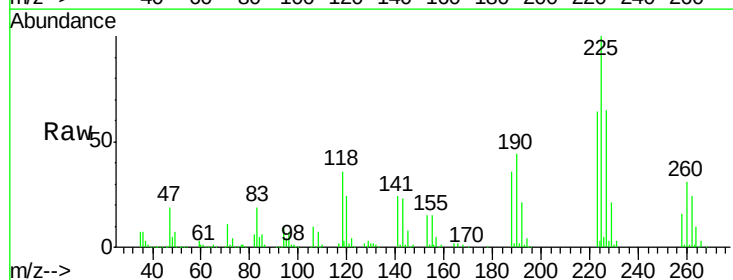
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

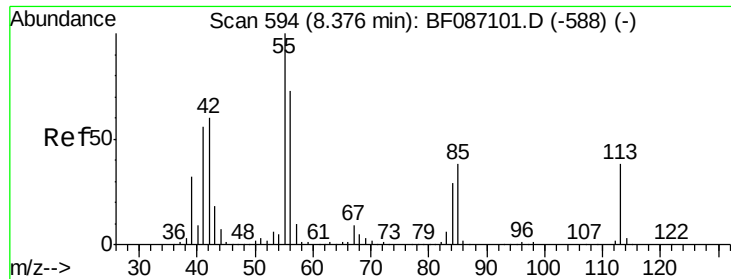
Tot Ion:	127	Resp:	371667
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	42.8	23.0	34.4#
92	22.8	15.1	22.7#



#34
Hexachlorobutadiene
Concen: 39.81 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion:	225	Resp:	175492
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.5	77.3
227	64.9	52.2	78.2

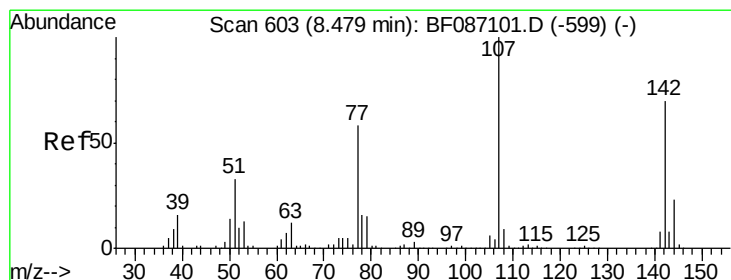
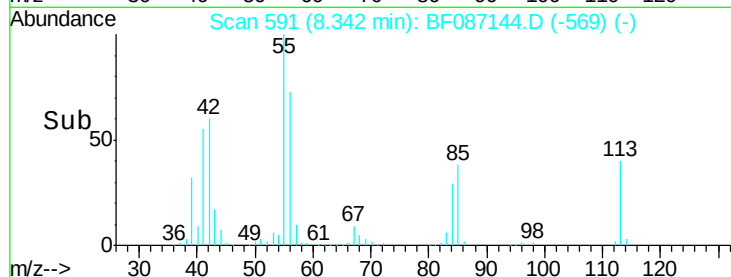
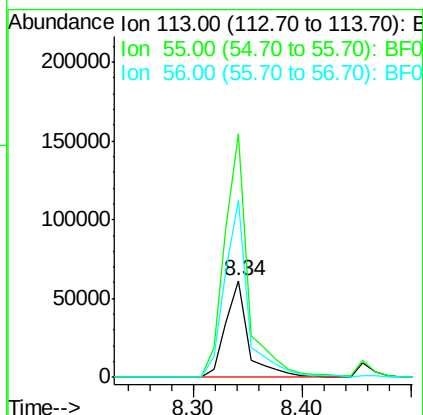
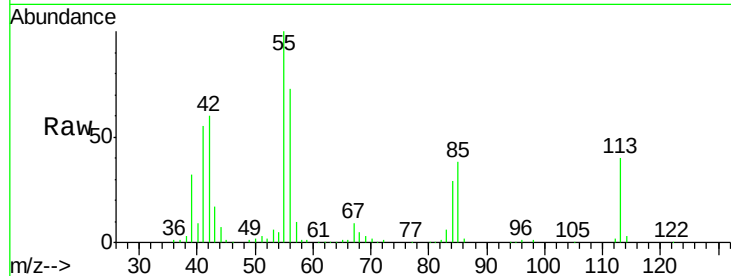




#35
 Caprolactam
 Concen: 38.14 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.05 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

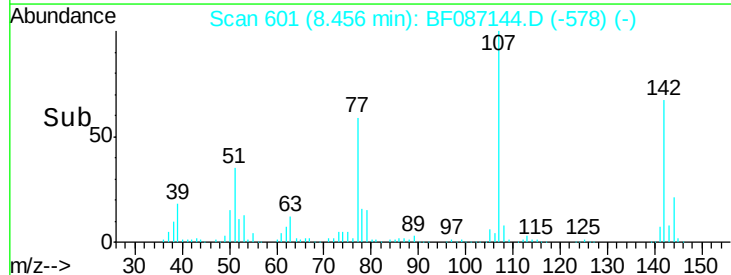
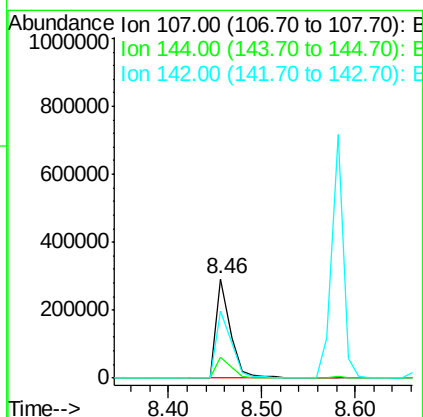
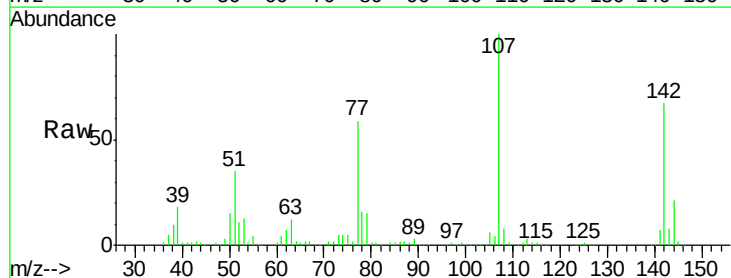
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

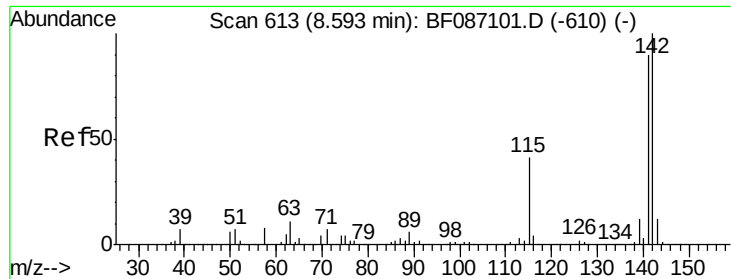
Tot Ion:113 Resp: 88905
 Ion Ratio Lower Upper
 113 100
 55 251.5 162.0 202.0#
 56 183.0 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 36.76 ng
 RT: 8.46 min Scan# 601
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion:107 Resp: 310402
 Ion Ratio Lower Upper
 107 100
 144 21.2 20.7 31.1
 142 67.3 63.2 94.8

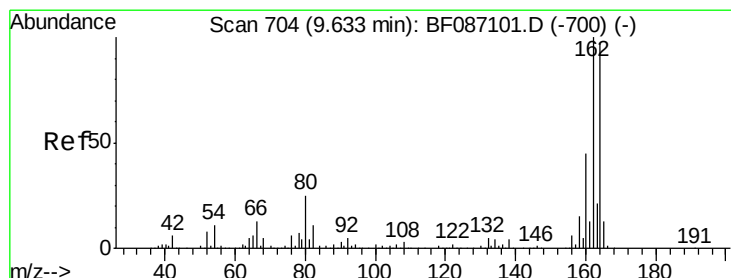
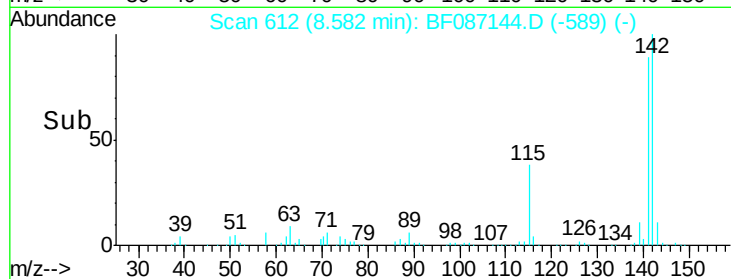
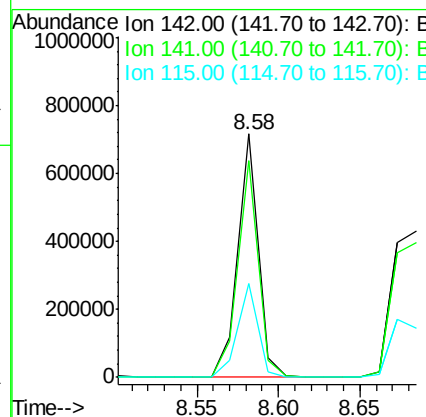
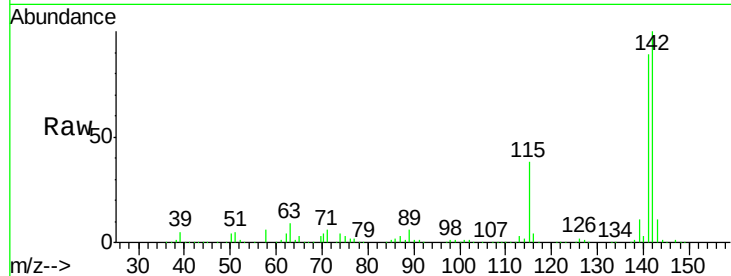




#37
2-Methylnaphthalene
Concen: 38.50 ng
RT: 8.58 min Scan# 612
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

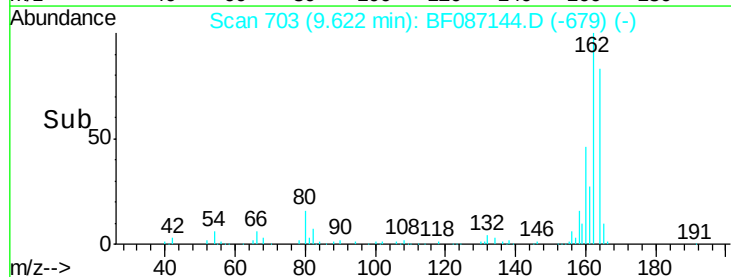
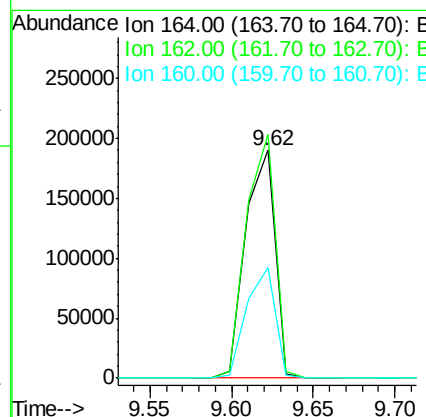
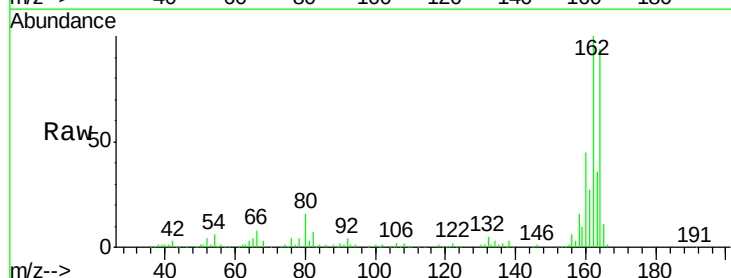
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

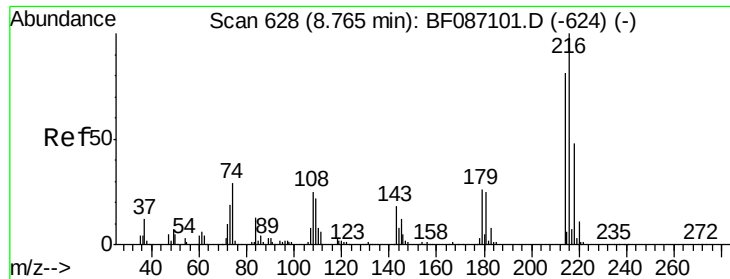
Tot Ion:142 Resp: 617170
Ion Ratio Lower Upper
142 100
141 88.9 71.0 106.6
115 38.3 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion:164 Resp: 236661
Ion Ratio Lower Upper
164 100
162 106.9 82.8 124.2
160 48.5 36.9 55.3

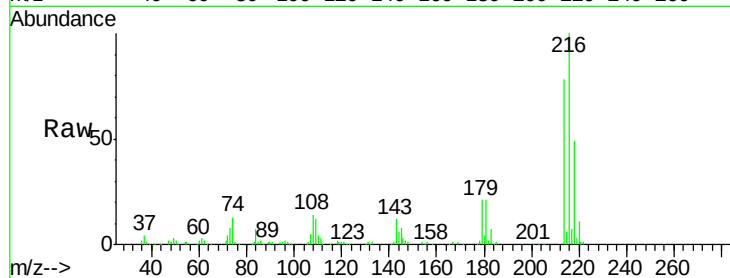




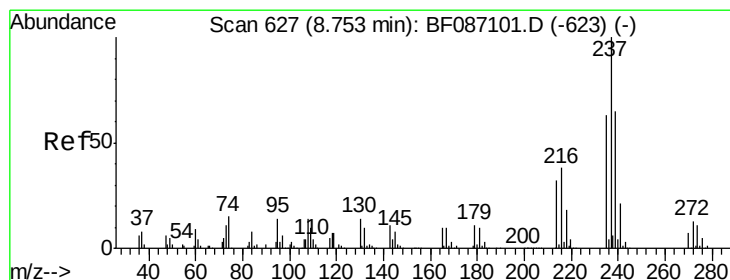
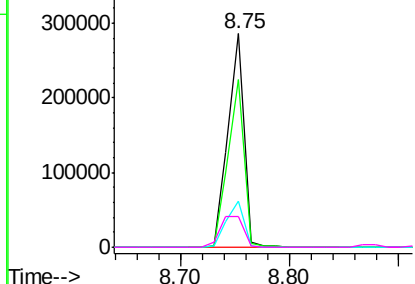
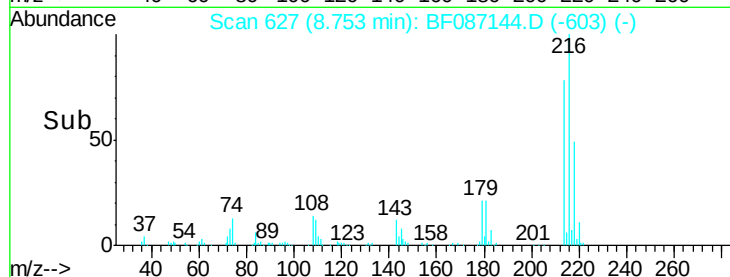
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.20 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	291720
Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.6	93.8
179	23.0	18.2	27.4
108	21.1	17.5	26.3

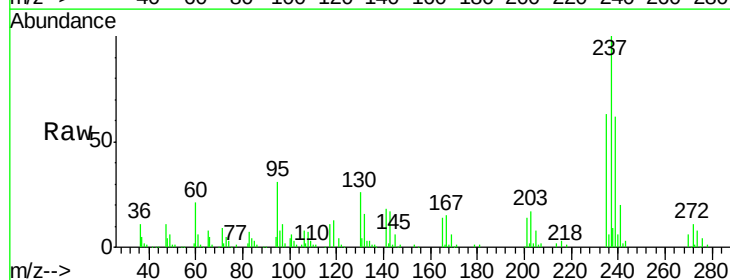


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

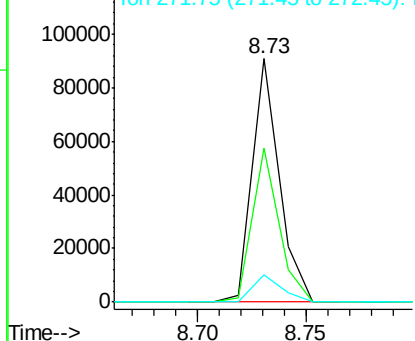
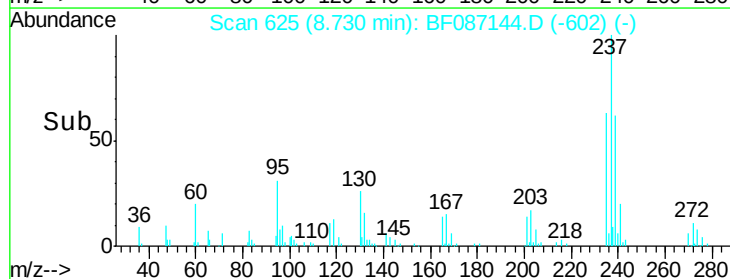


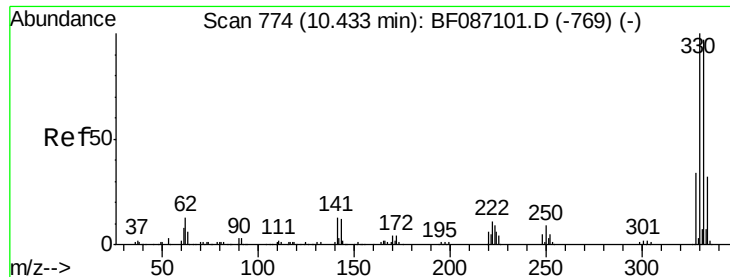
#40
 Hexachlorocyclopentadiene
 Concen: 34.35 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion:	237	Resp:	78429
Ion	Ratio	Lower	Upper
237	100		
235	63.1	47.2	87.2
272	11.0	0.0	31.1



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

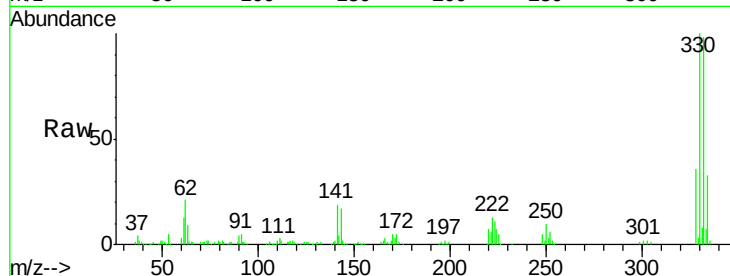




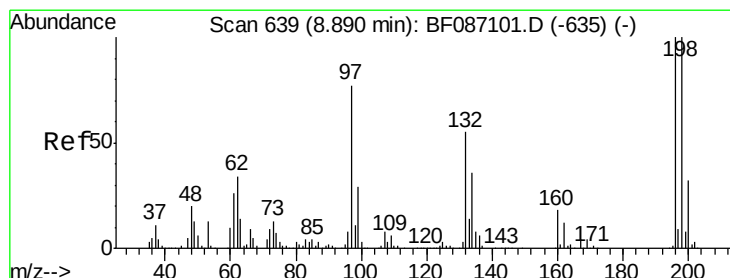
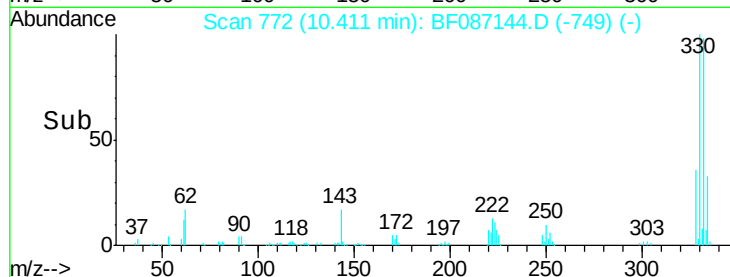
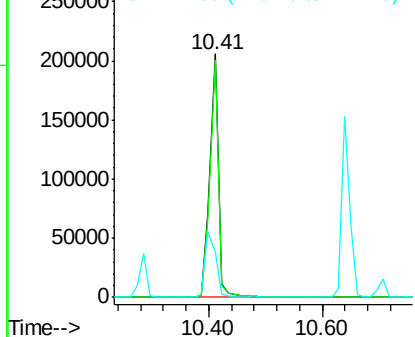
#41
 2,4,6-Tribromophenol
 Concen: 79.30 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	33.8	31.2	46.8

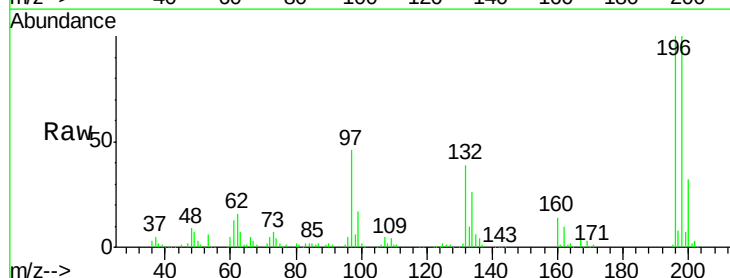


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

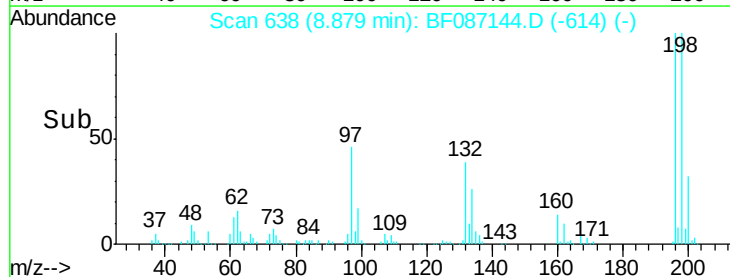
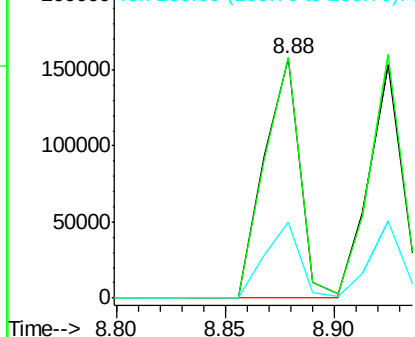


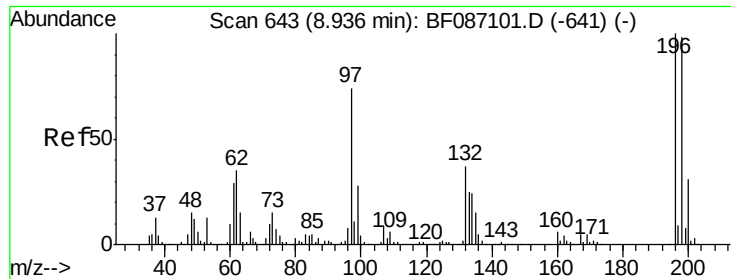
#42
 2,4,6-Trichlorophenol
 Concen: 40.28 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.02 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.4	74.7	112.1
200	31.9	23.8	35.6



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

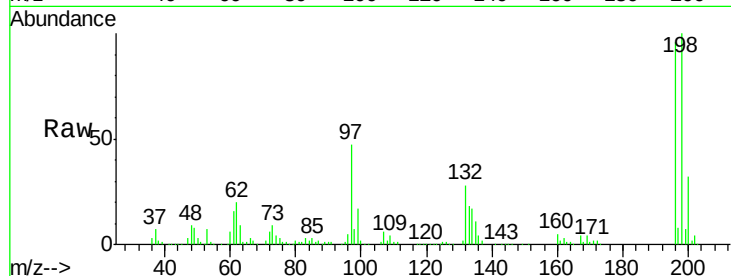




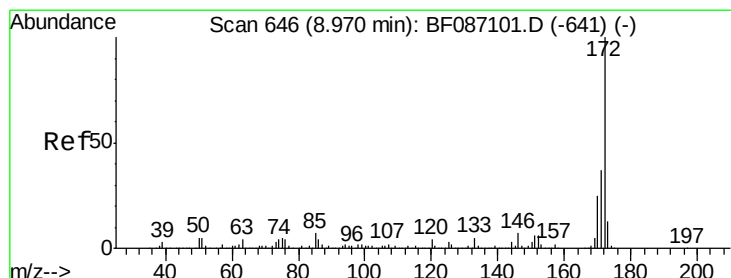
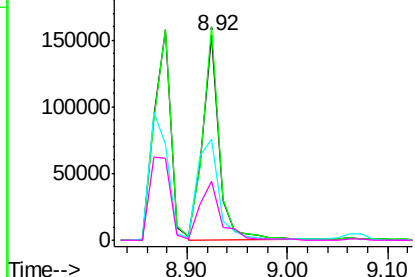
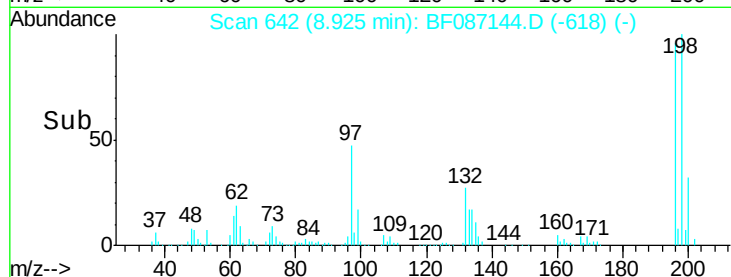
#43
 2,4,5-Trichlorophenol
 Concen: 37.93 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.02 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	104.5	77.5	116.3
97	49.6	34.8	52.2
132	28.8	23.0	34.4

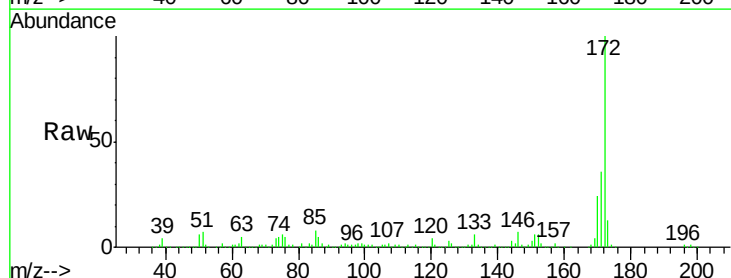


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

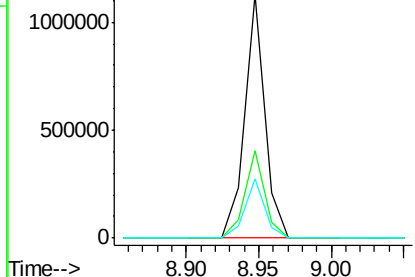
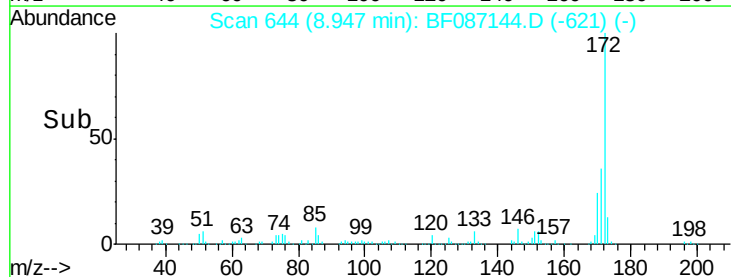


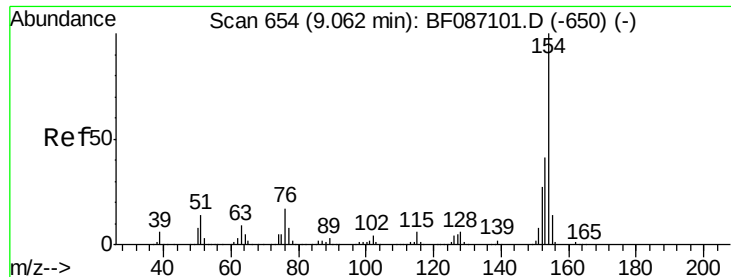
#44
 2-Fluorobiphenyl
 Concen: 75.95 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.2	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.56 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

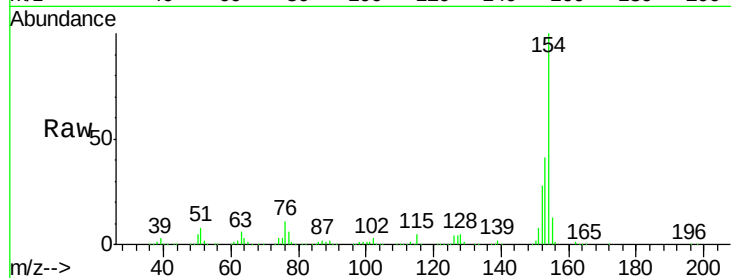
Tot Ion:154 Resp: 854702

Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

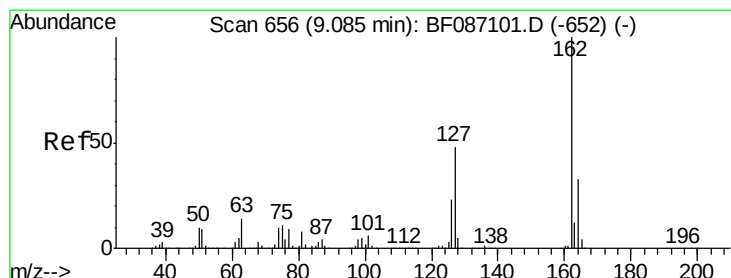
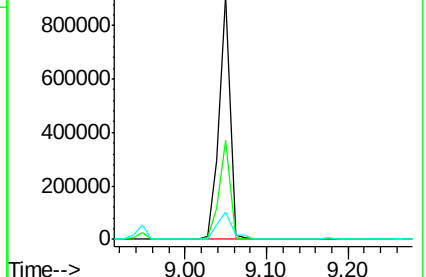
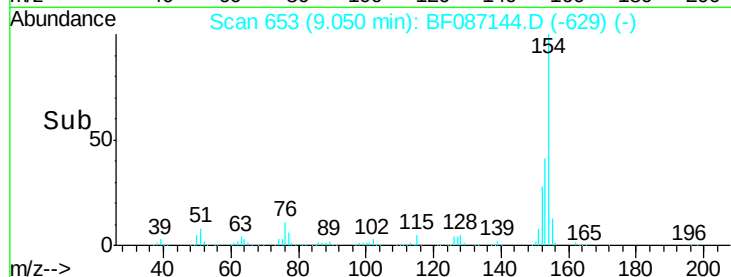
76 11.3 0.0 30.2



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: 40.67 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

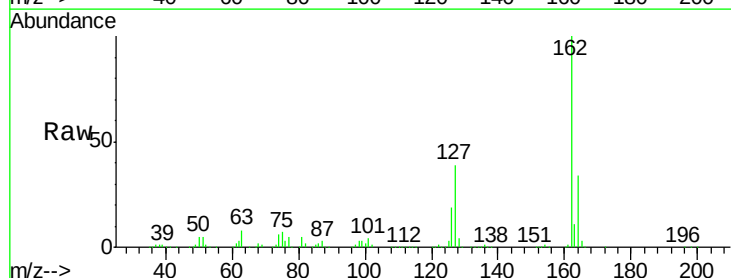
Tgt Ion:162 Resp: 612714

Ion Ratio Lower Upper

162 100

127 39.2 31.8 47.6

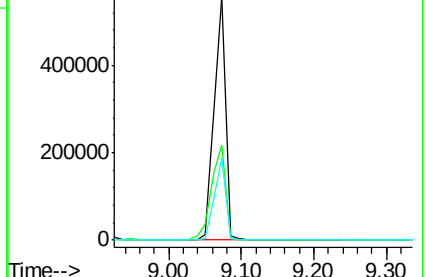
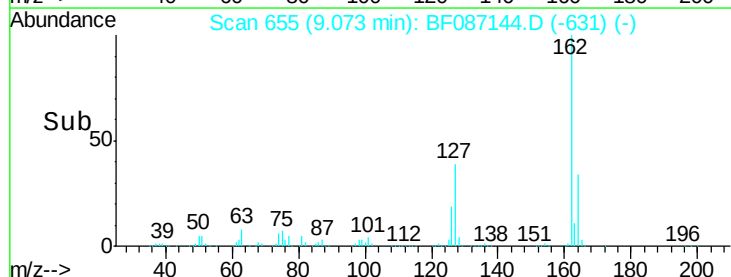
164 33.6 27.0 40.6

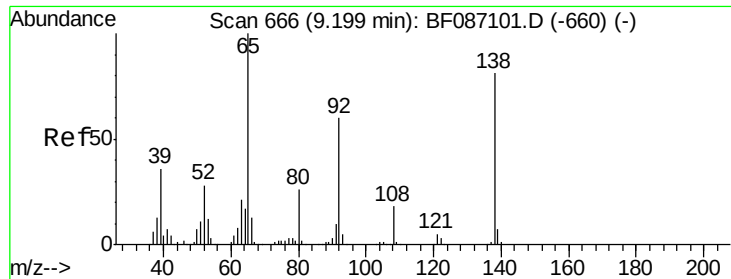


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

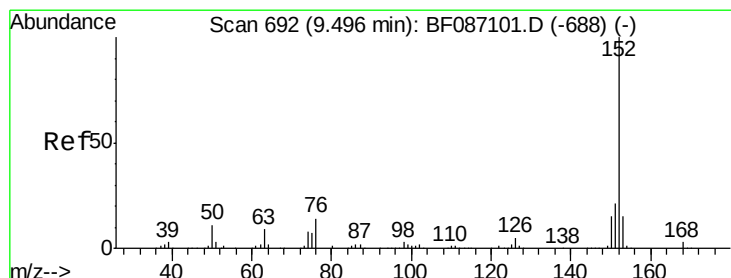
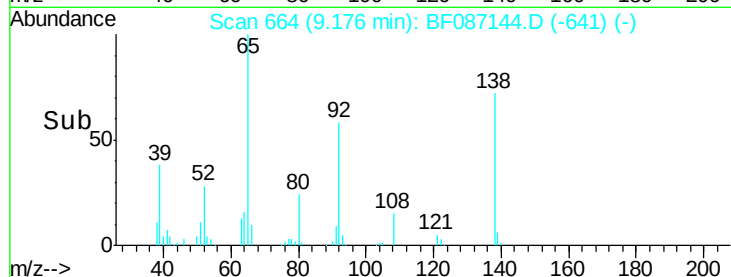
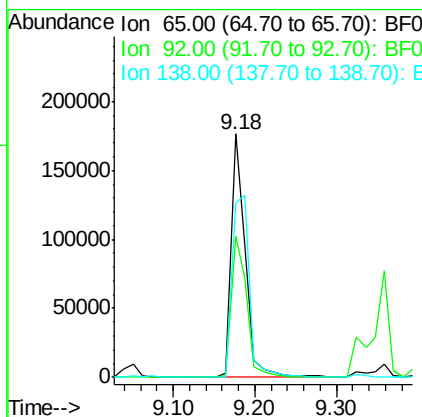
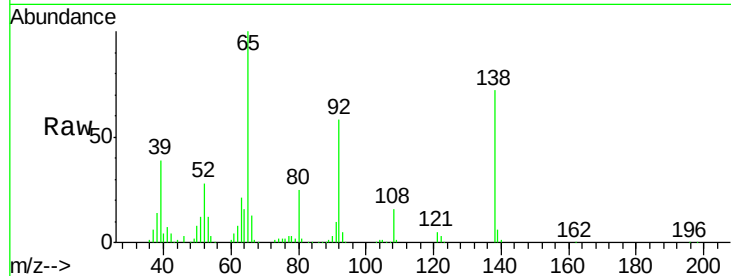




#47
2-Nitroaniline
Concen: 36.42 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

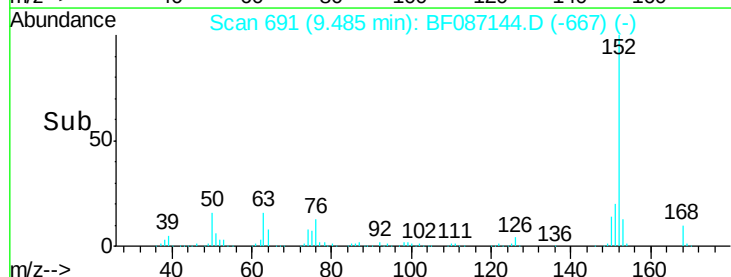
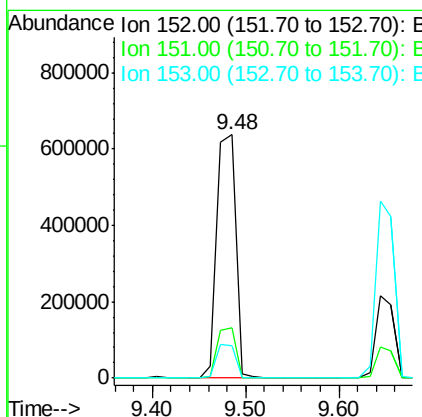
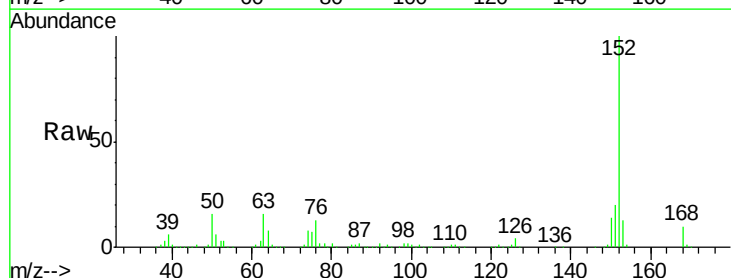
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

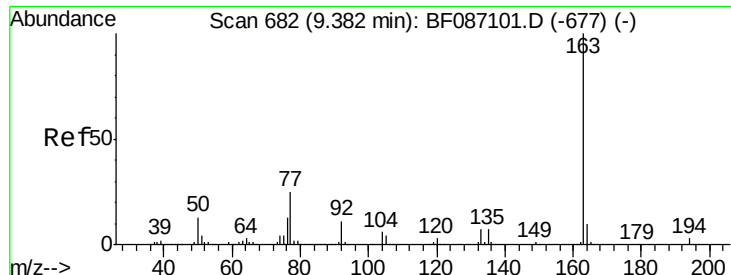
Tot Ion: 65 Resp: 210278
Ion Ratio Lower Upper
65 100
92 57.9 57.4 86.2
138 71.7 90.1 135.1#



#48
Acenaphthylene
Concen: 39.01 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion: 152 Resp: 897338
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.5 10.9 16.3

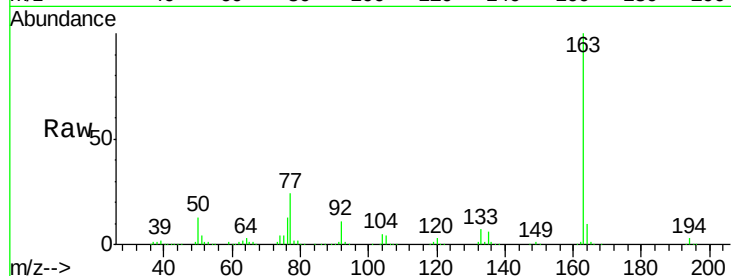




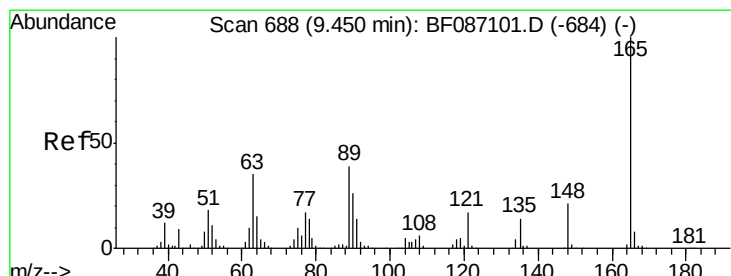
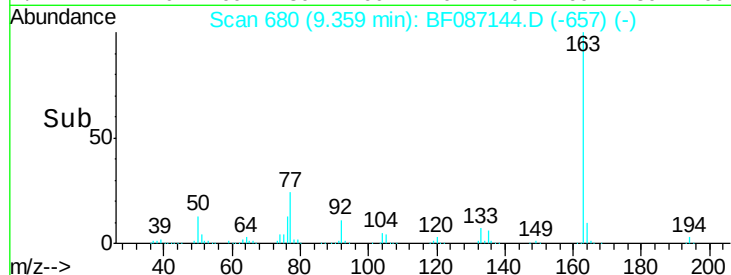
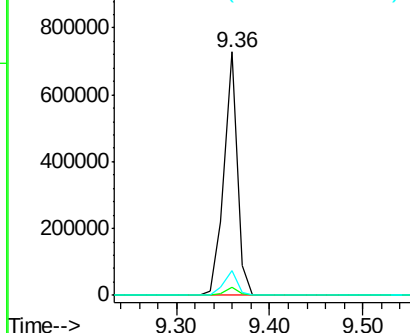
#49
Dimethylphthalate
Concen: 40.00 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 722160
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.2 8.2 12.4

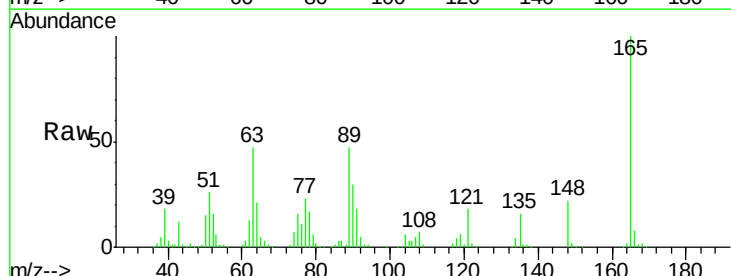


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

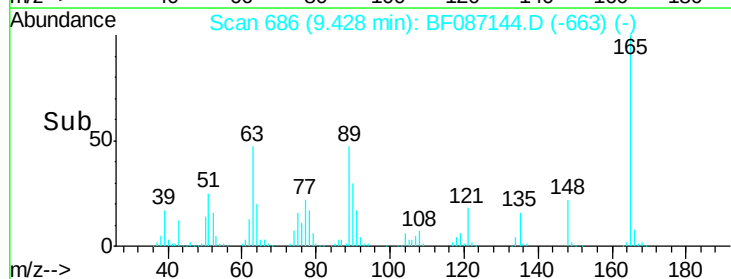
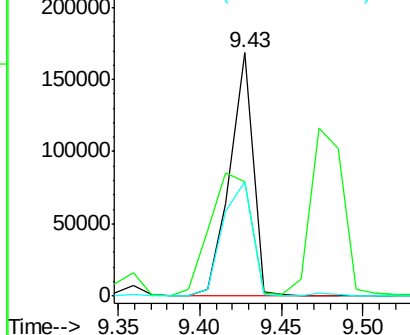


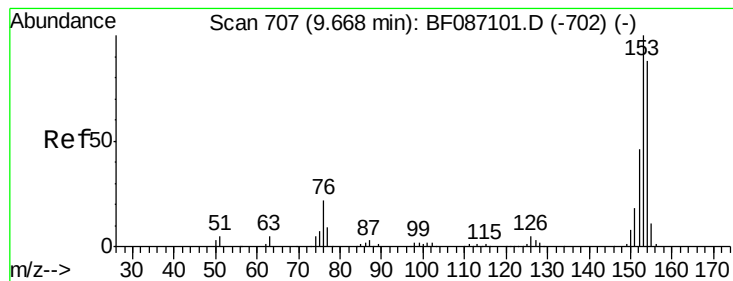
#50
2,6-Dinitrotoluene
Concen: 42.25 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion:165 Resp: 165638
Ion Ratio Lower Upper
165 100
63 47.0 51.8 77.8#
89 46.9 50.7 76.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.14 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

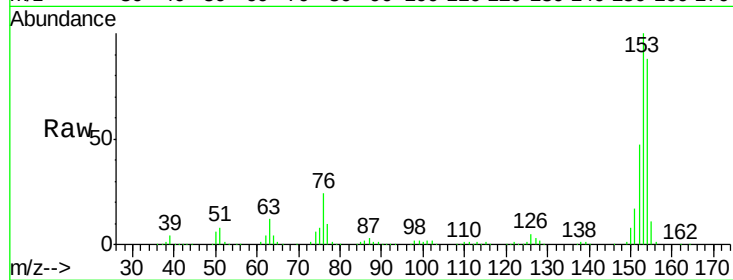
Tot Ion:154 Resp: 562517

Ion Ratio Lower Upper

154 100

153 113.3 89.8 134.6

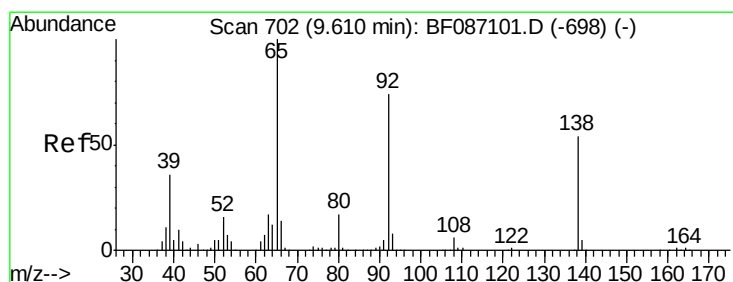
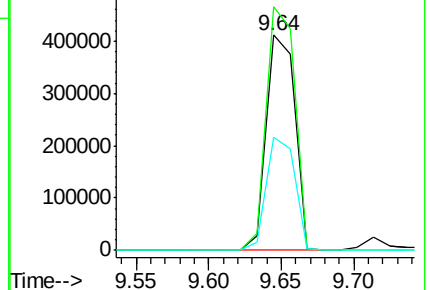
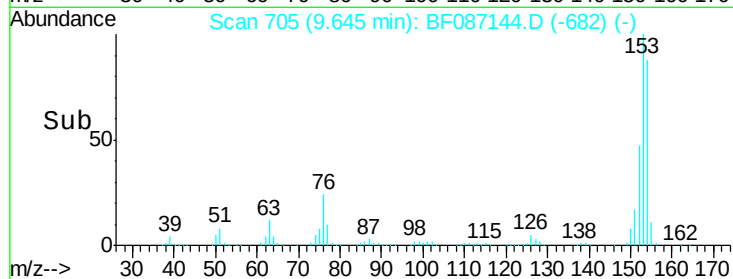
152 52.7 43.4 65.0



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: 40.54 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

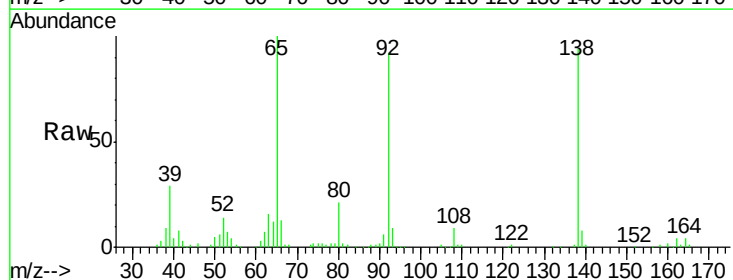
Tgt Ion:138 Resp: 172023

Ion Ratio Lower Upper

138 100

108 9.3 7.8 11.6

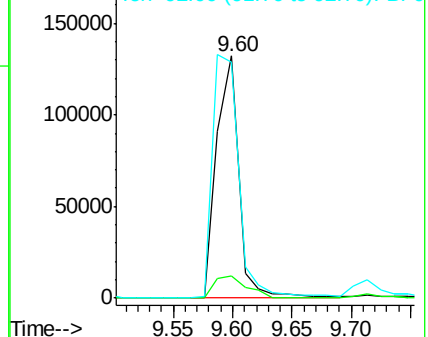
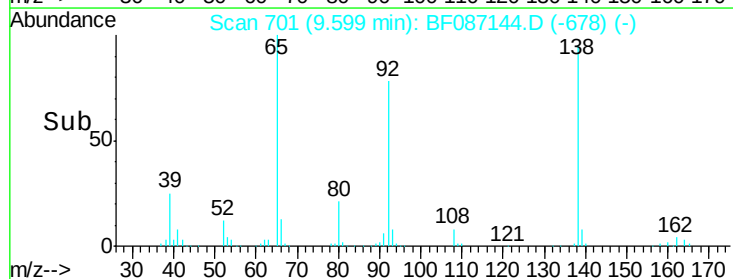
92 97.6 87.8 131.8

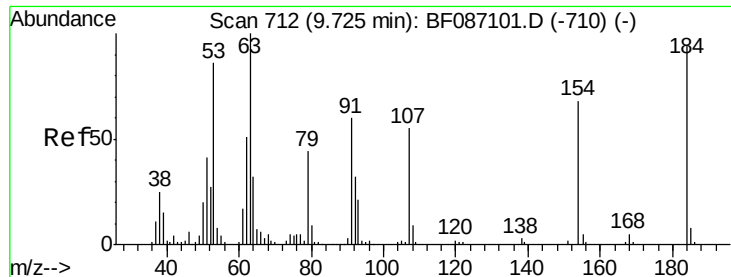


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

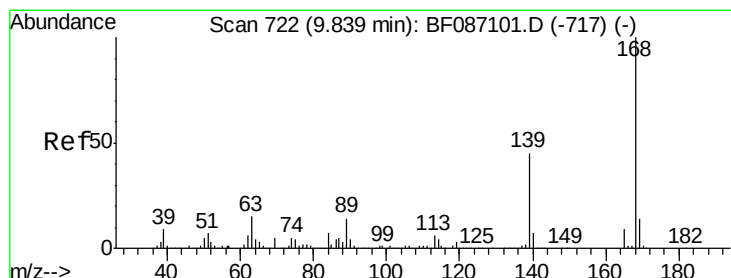
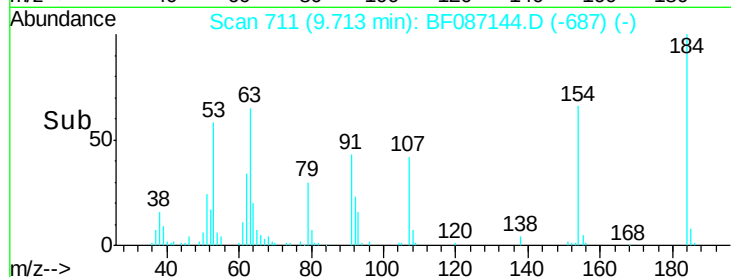
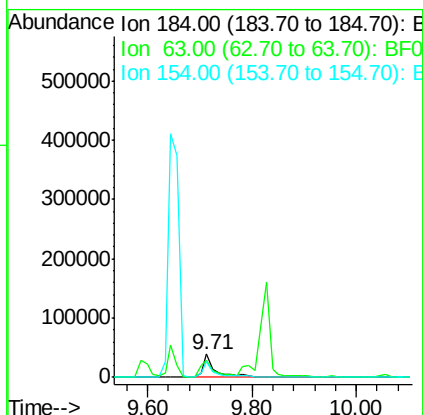
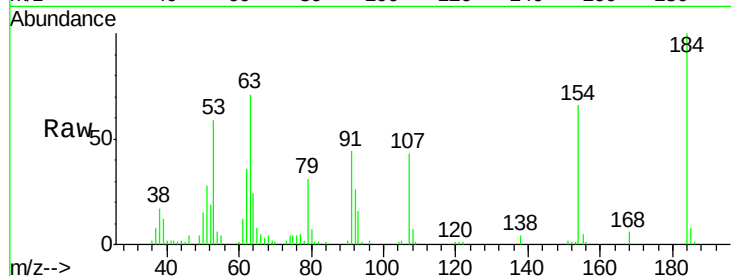




#53
2,4-Dinitrophenol
Concen: 32.83 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

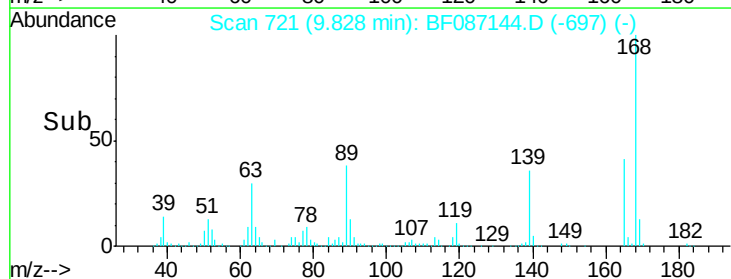
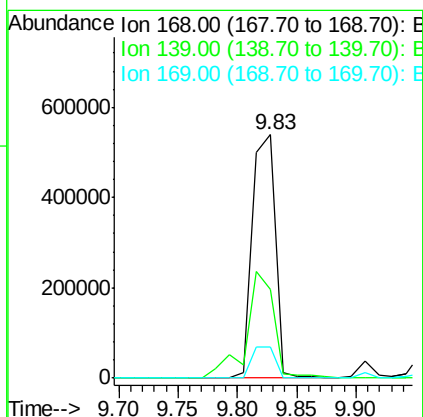
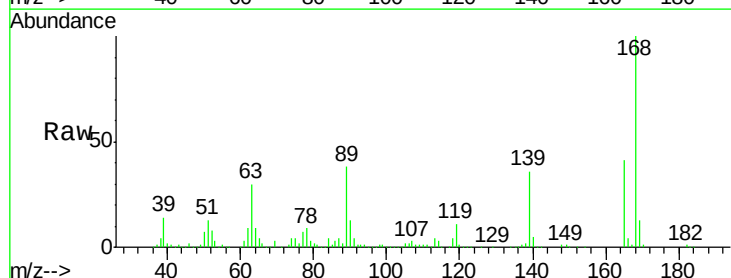
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

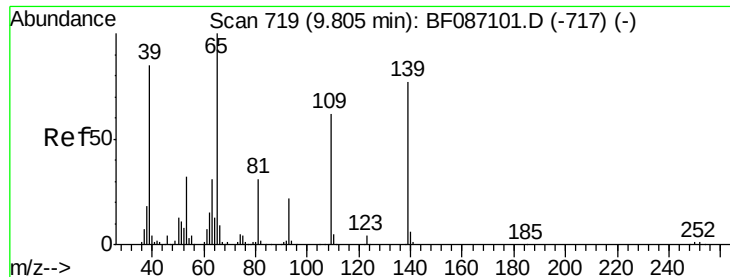
Tot Ion:184 Resp: 67067
Ion Ratio Lower Upper
184 100
63 70.9 55.8 83.8
154 66.3 62.4 93.6



#54
Dibenzofuran
Concen: 39.76 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion:168 Resp: 738953
Ion Ratio Lower Upper
168 100
139 36.4 31.4 47.0
169 13.0 10.7 16.1





#55

4-Nitrophenol

Concen: 104.28 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

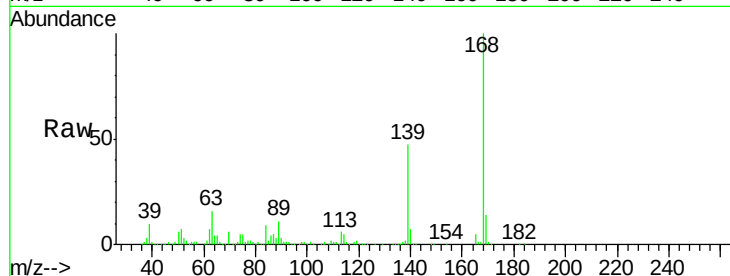
Tot Ion:139 Resp: 397317

Ion Ratio Lower Upper

139 100

109 4.8 36.9 76.9#

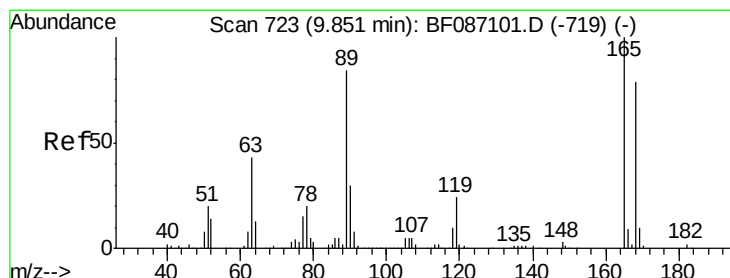
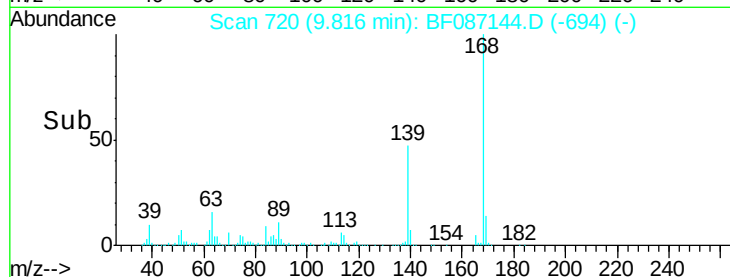
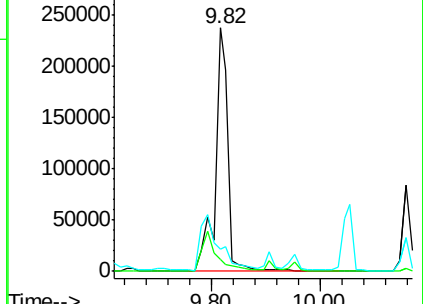
65 8.9 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.85 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:165 Resp: 195059

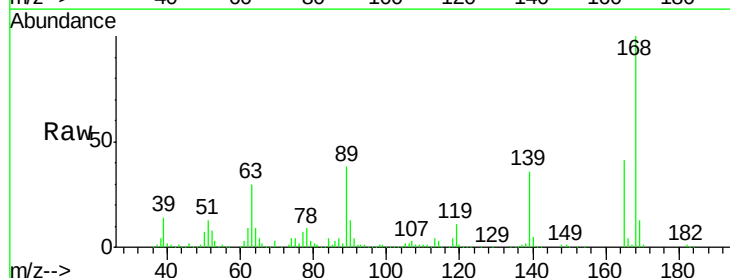
Ion Ratio Lower Upper

165 100

63 72.0 44.3 66.5#

89 92.0 70.0 105.0

182 2.3 1.8 2.6

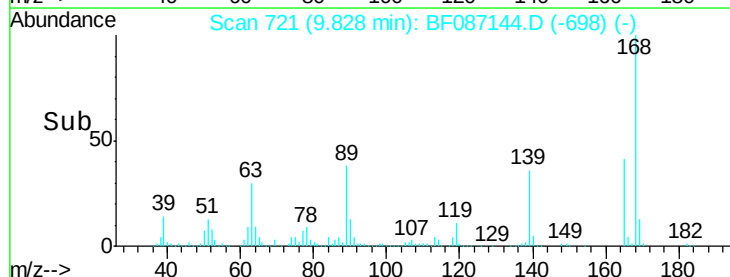
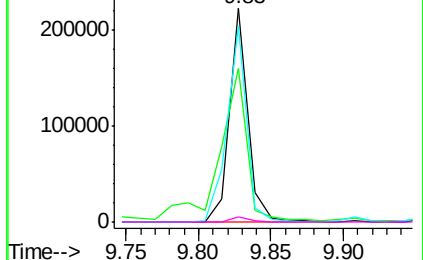


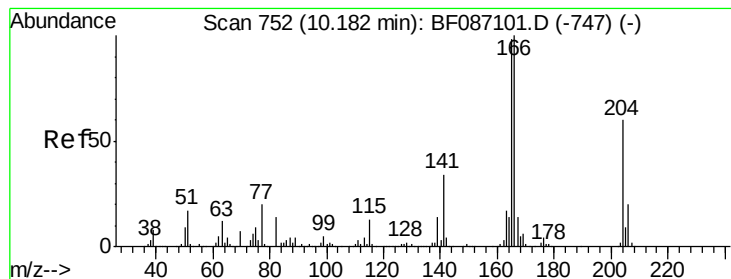
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.81 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

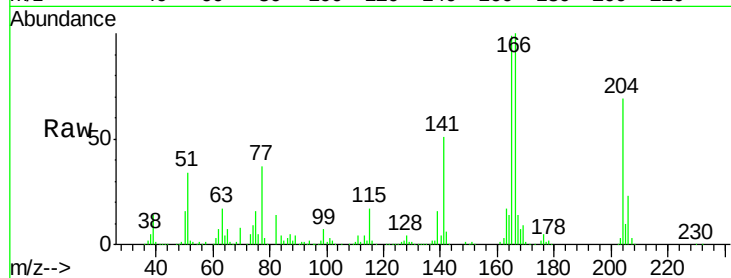
Tot Ion:166 Resp: 579545

Ion Ratio Lower Upper

166 100

165 98.9 79.0 118.6

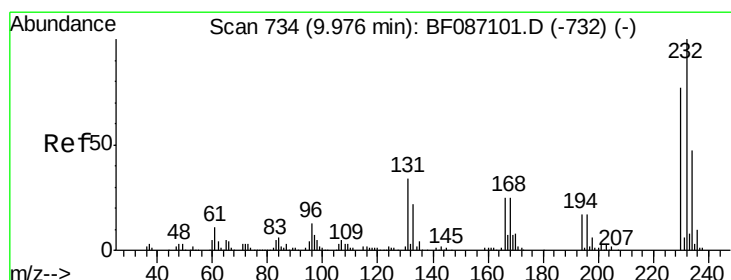
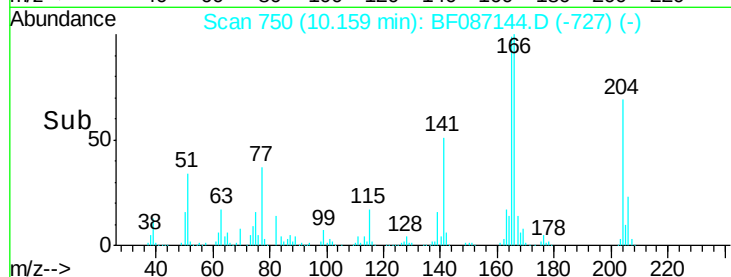
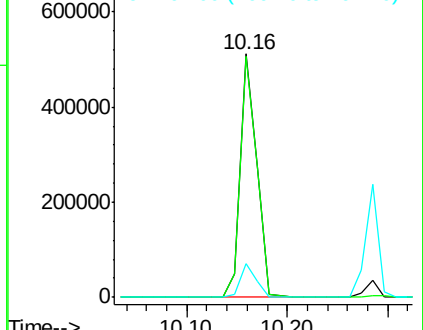
167 13.7 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.09 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Tgt Ion:232 Resp: 145404

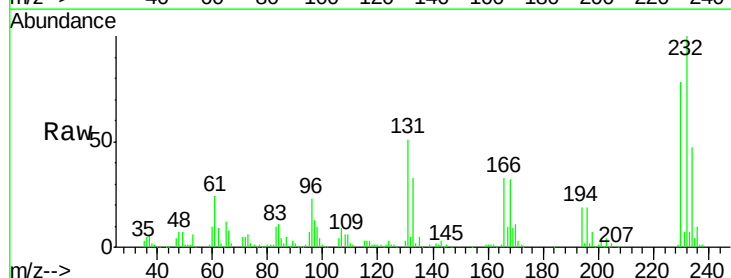
Ion Ratio Lower Upper

232 100

131 51.5 41.9 62.9

130 2.5 2.2 3.4

166 31.2 26.8 40.2

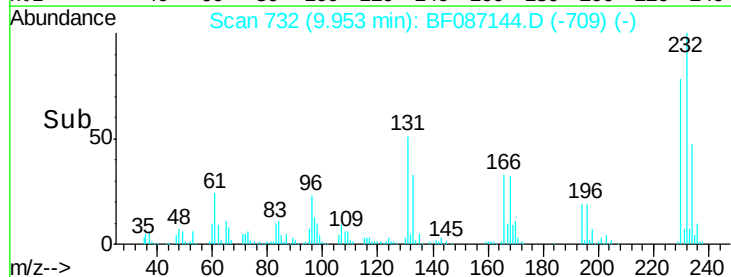
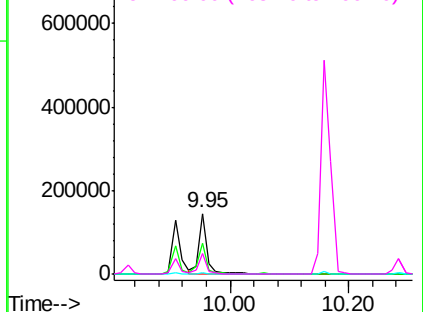


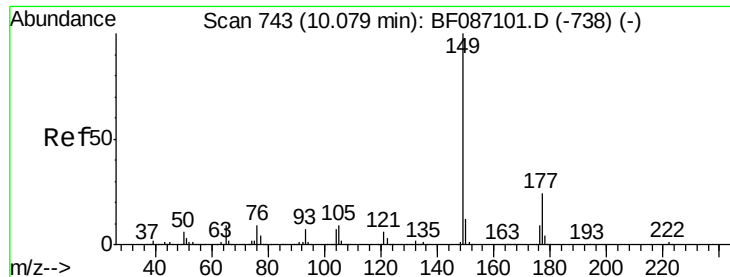
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

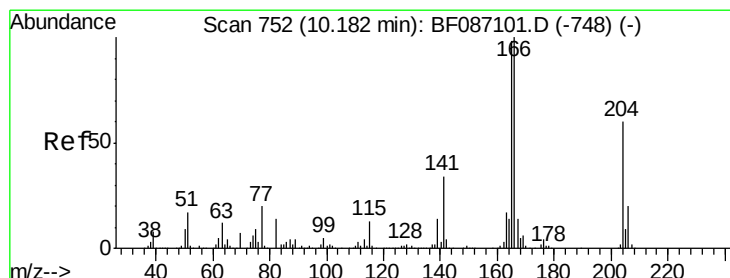
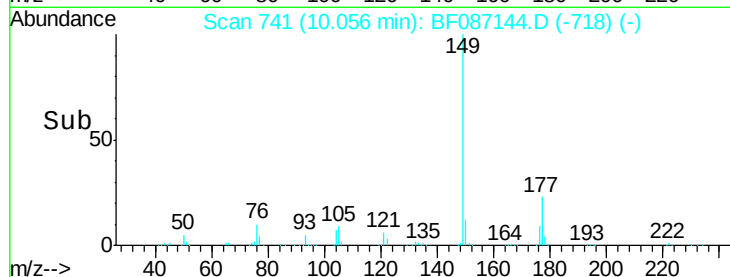
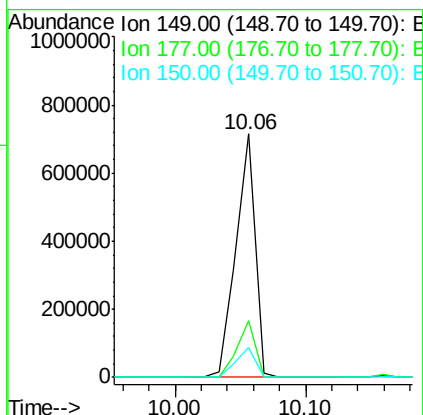
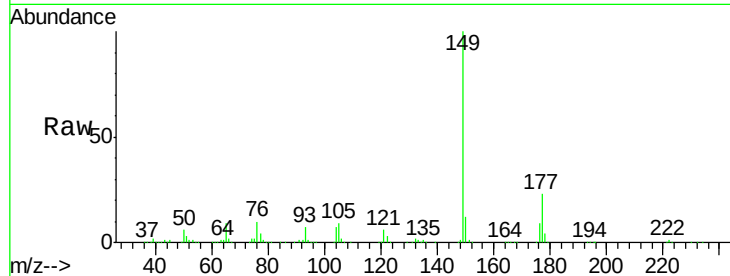




#59
Diethylphthalate
Concen: 42.10 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

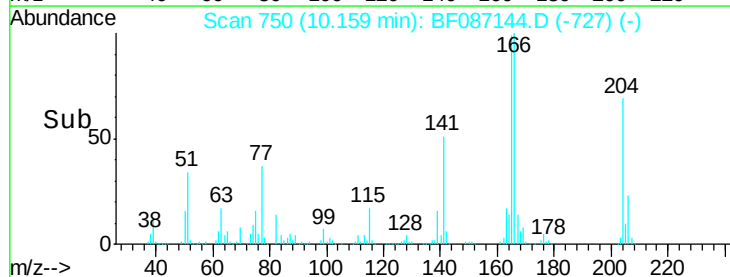
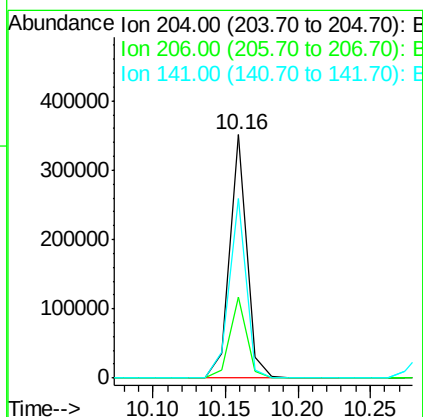
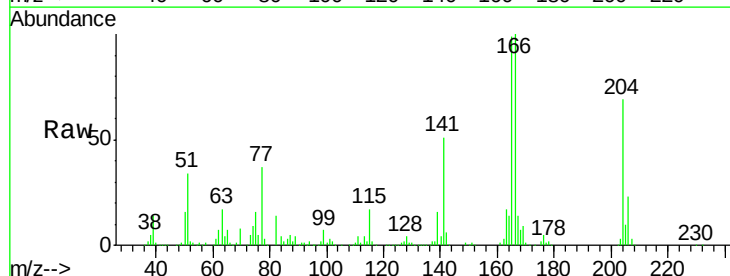
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

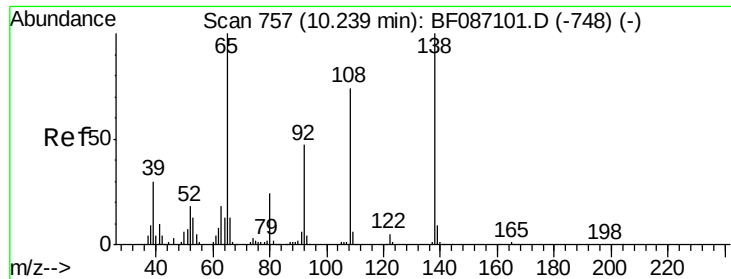
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.4	16.6	24.8
150	12.3	10.0	15.0



#60
4-Chlorophenyl-phenylether
Concen: 40.71 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.4	38.0
141	73.8	61.6	92.4

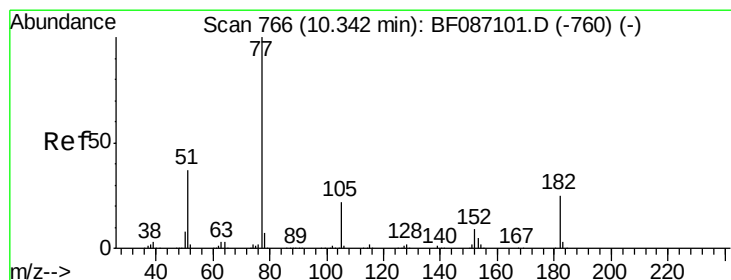
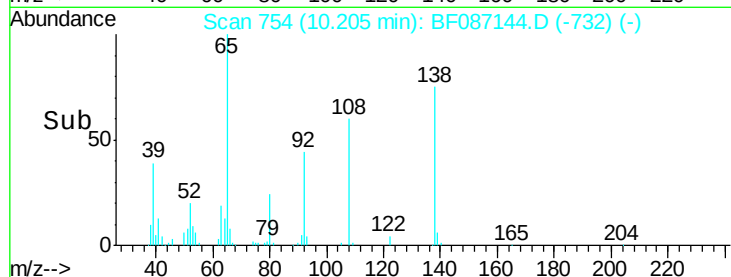
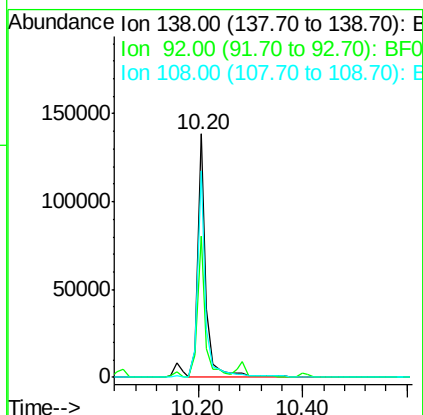
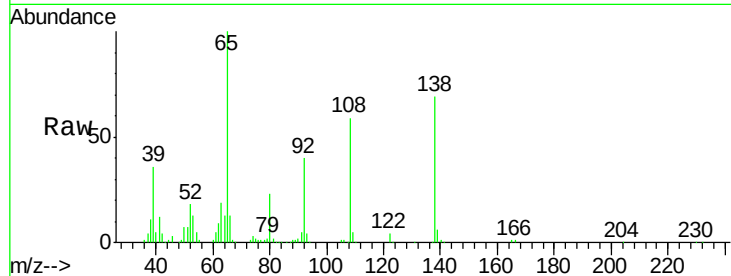




#61
4-Nitroaniline
Concen: 37.18 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.05 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

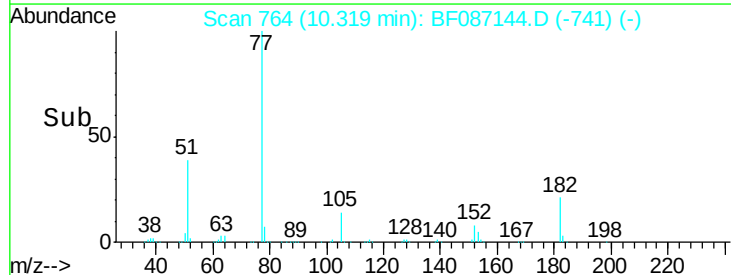
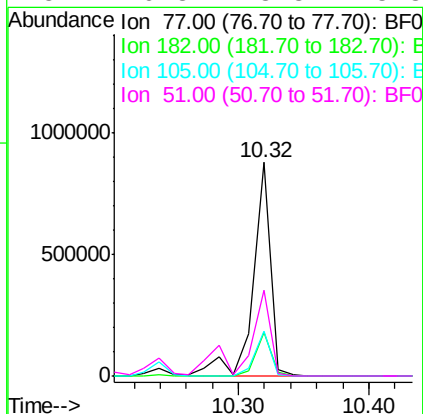
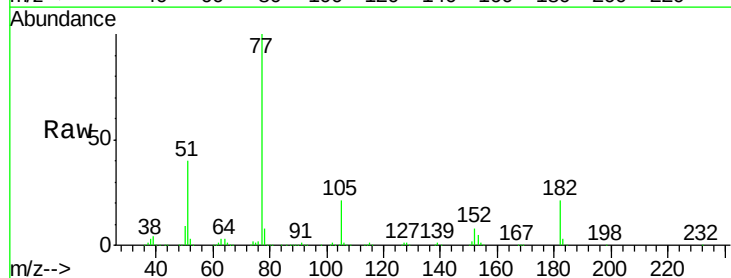
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

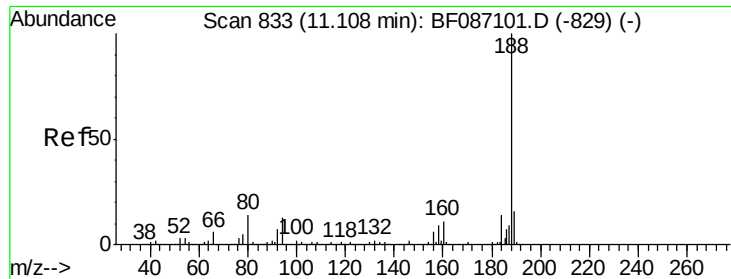
Tot Ion:138 Resp: 155769
Ion Ratio Lower Upper
138 100
92 58.2 24.7 64.7
108 84.9 37.4 77.4#



#62
Azobenzene
Concen: 41.25 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion: 77 Resp: 819169
Ion Ratio Lower Upper
77 100
182 20.7 0.0 38.8
105 20.9 3.2 43.2
51 40.3 8.8 48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

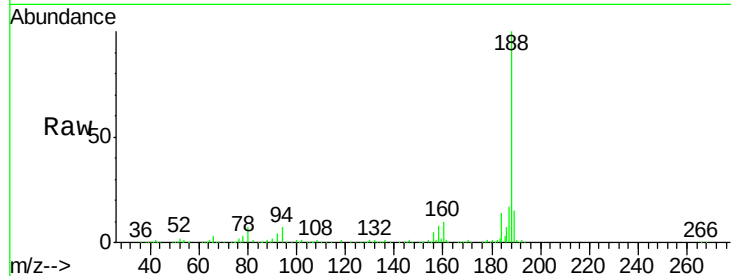
Tot Ion:188 Resp: 469795

Ion Ratio Lower Upper

188 100

94 7.3 6.8 10.2

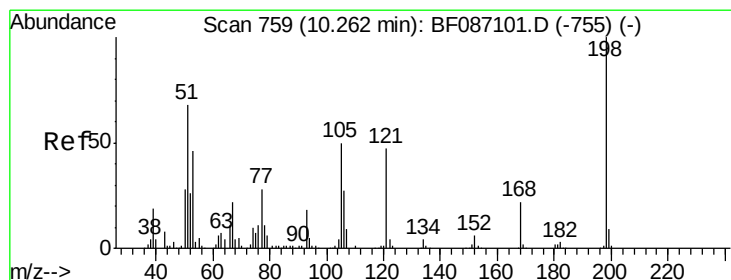
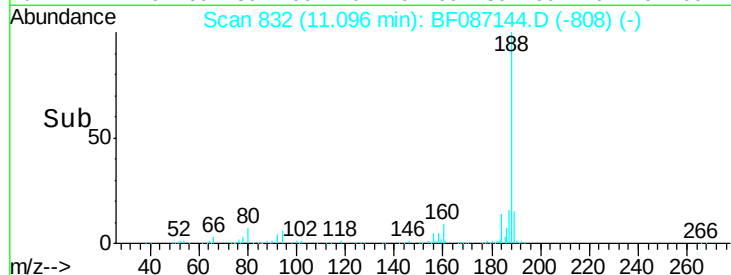
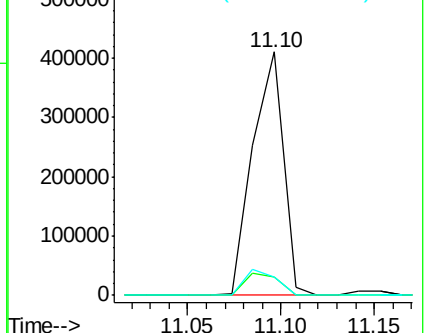
80 7.4 7.1 10.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.20 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

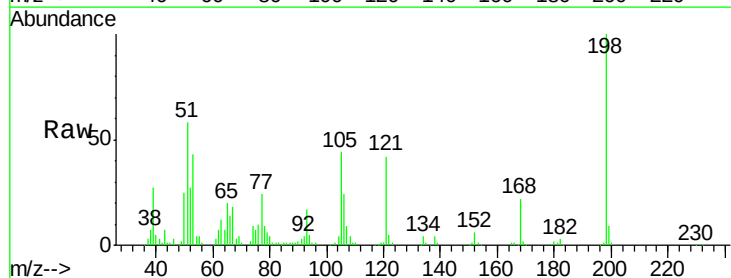
Tgt Ion:198 Resp: 118203

Ion Ratio Lower Upper

198 100

51 57.8 20.5 60.5

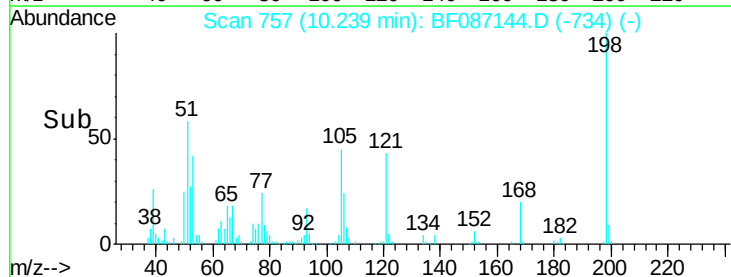
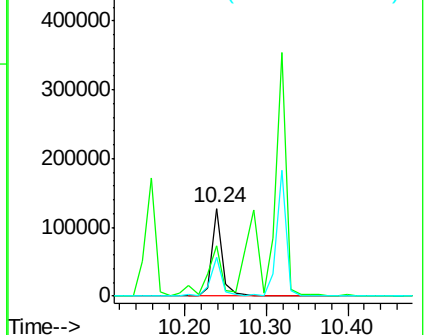
105 44.5 24.5 64.5

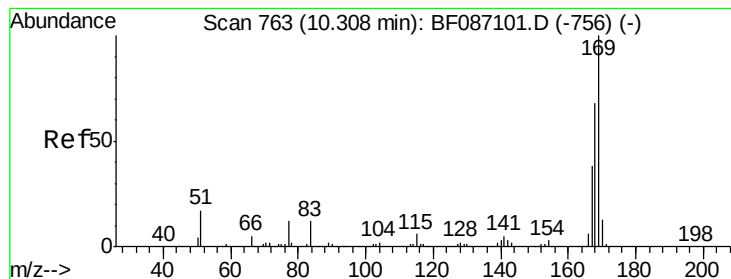


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

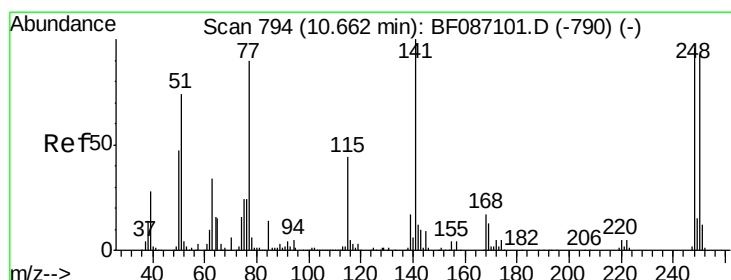
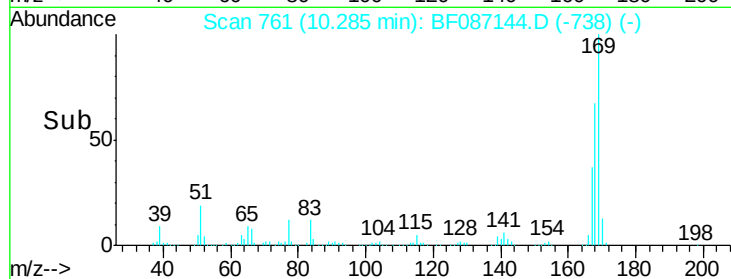
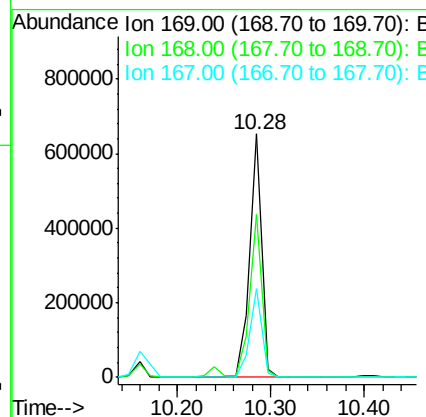
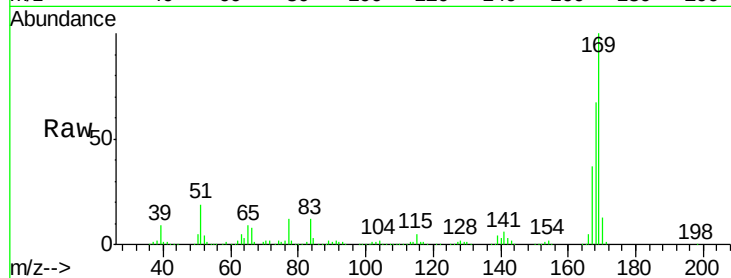




#65
 n-Nitrosodiphenylamine
 Concen: 39.68 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

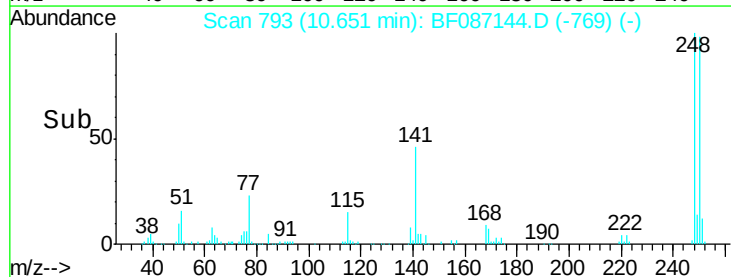
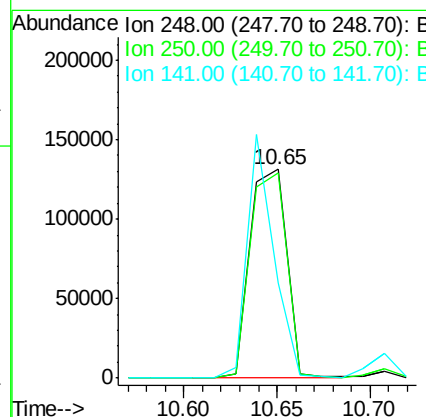
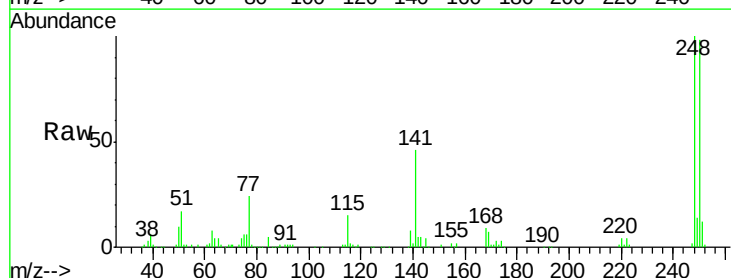
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

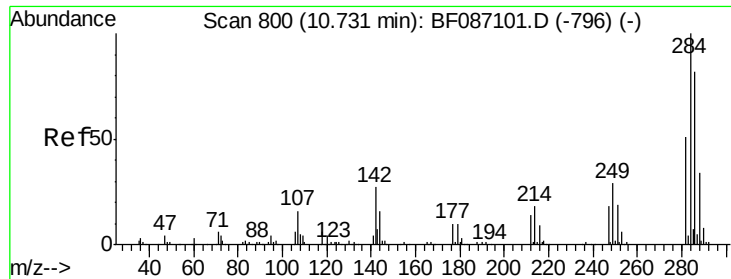
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.8	80.6
167	36.6	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 37.26 ng
 RT: 10.65 min Scan# 793
 Delta R.T. -0.02 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.6	117.8
141	45.5	76.0	114.0

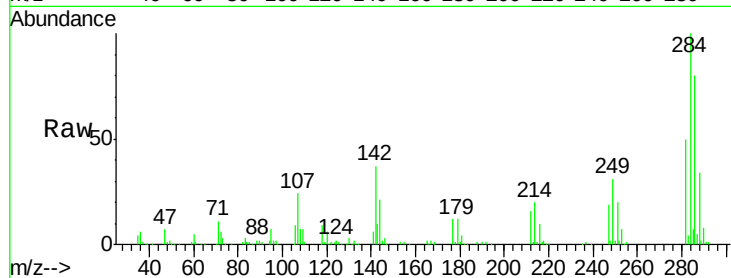




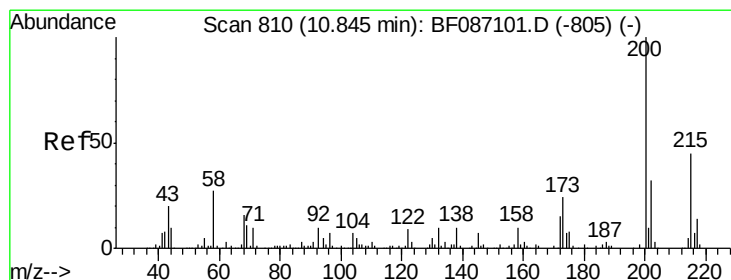
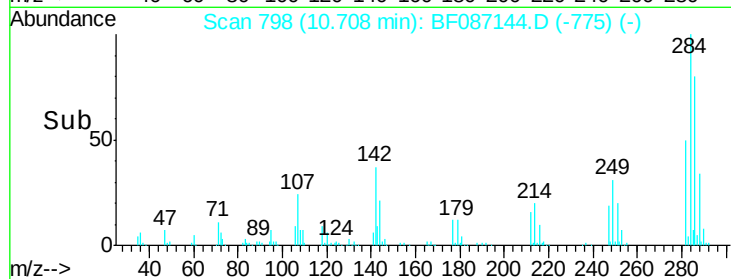
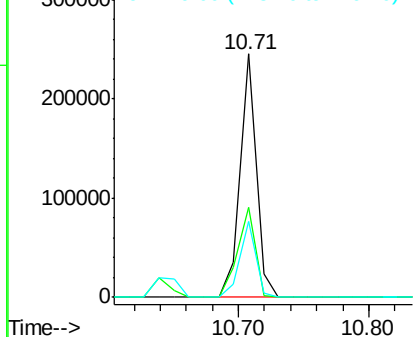
#67
Hexachlorobenzene
Concen: 37.58 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 210478
Ion Ratio Lower Upper
284 100
142 36.9 16.7 25.1#
249 31.1 21.3 31.9

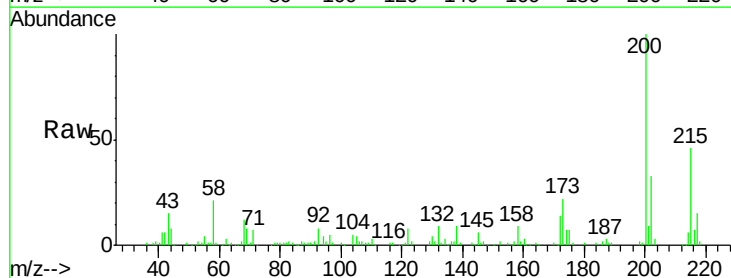


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

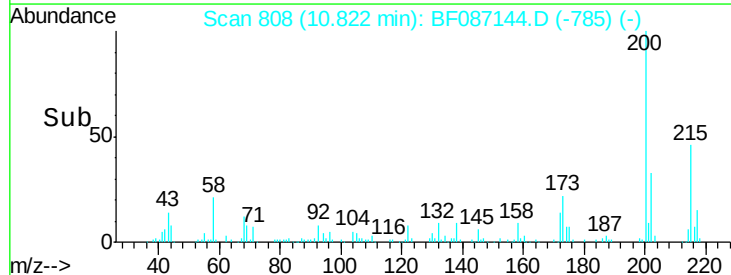
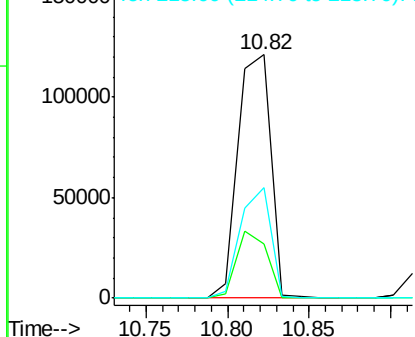


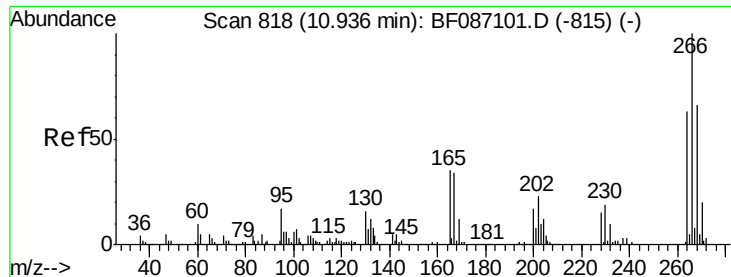
#68
Atrazine
Concen: 34.88 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion:200 Resp: 168214
Ion Ratio Lower Upper
200 100
173 22.2 8.5 48.5
215 45.6 27.2 67.2



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

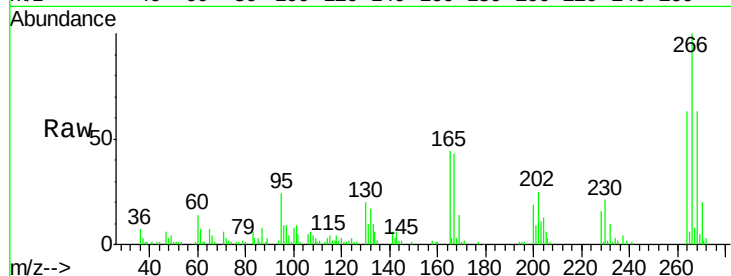




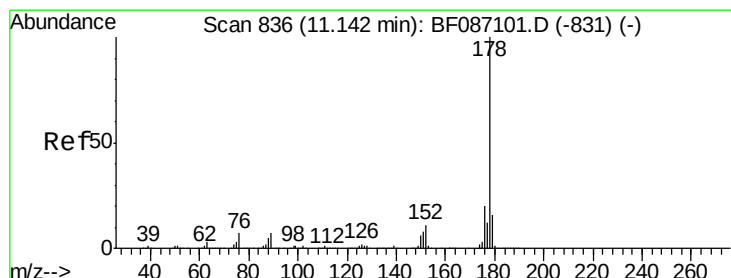
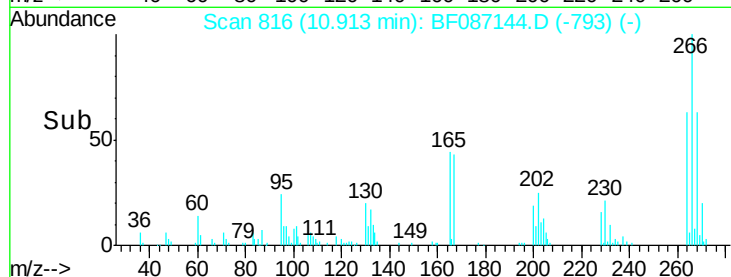
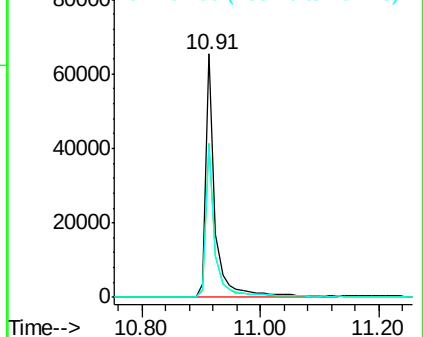
#69
 Pentachlorophenol
 Concen: 35.69 ng
 RT: 10.91 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 75096
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.5 77.3
 264 62.6 52.9 79.3

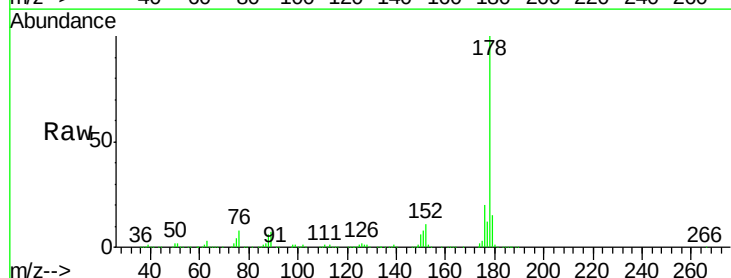


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

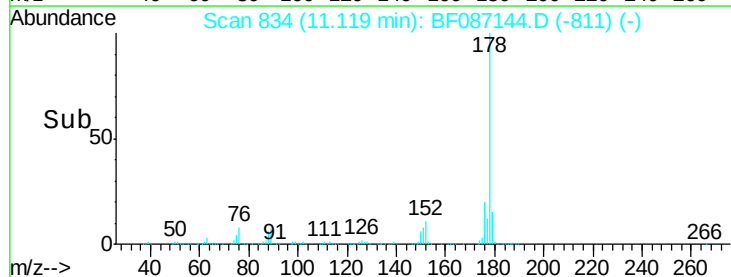
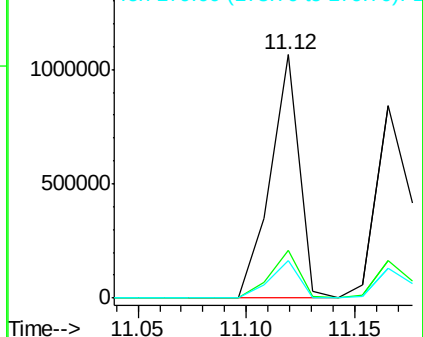


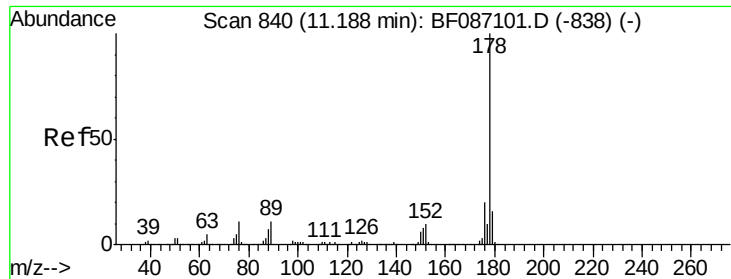
#70
 Phenanthrene
 Concen: 39.22 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion:178 Resp: 999366
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.5 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

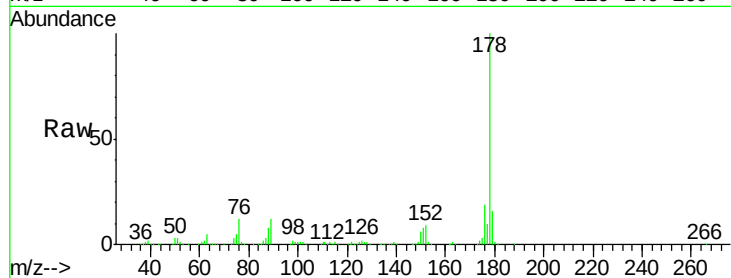




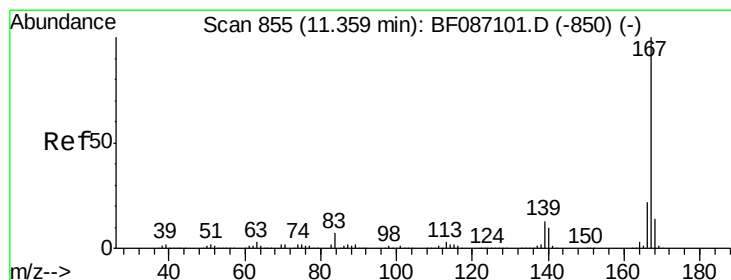
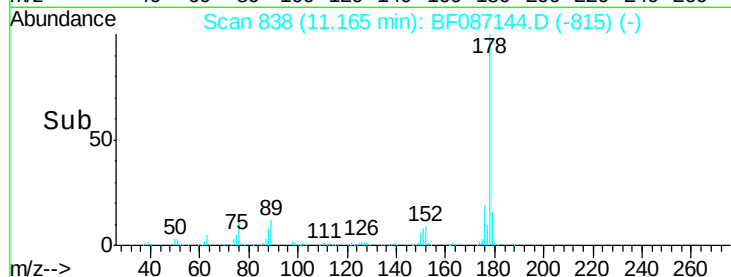
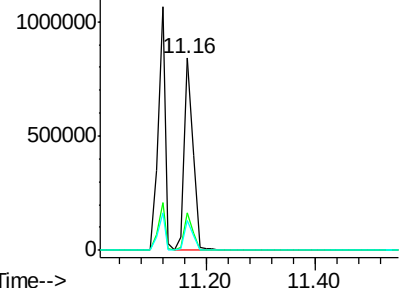
#71
 Anthracene
 Concen: 35.97 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 927017
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.7 12.7 19.1

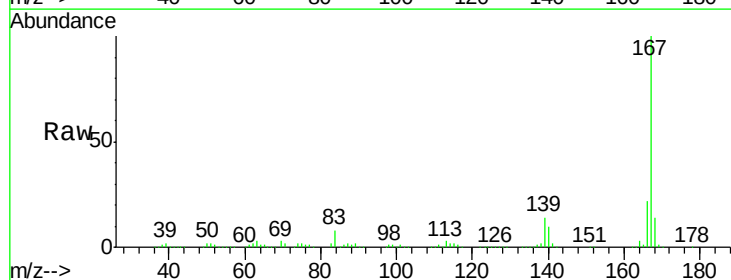


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

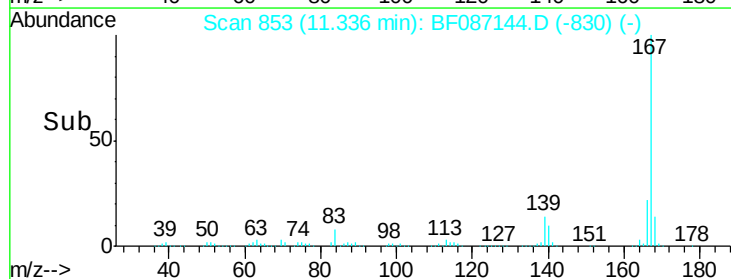
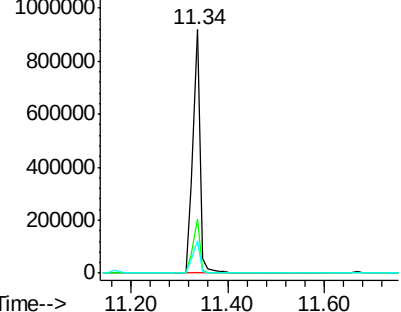


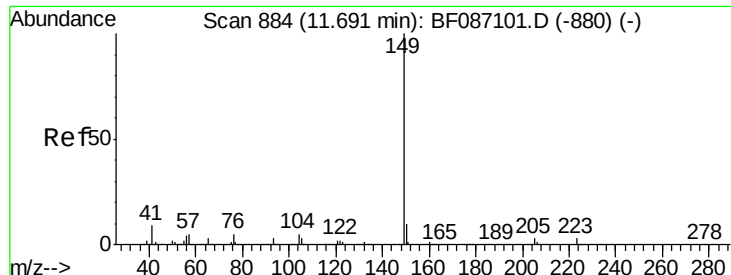
#72
 Carbazole
 Concen: 39.78 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion:167 Resp: 936567
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 13.6 10.8 16.2



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: 40.51 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

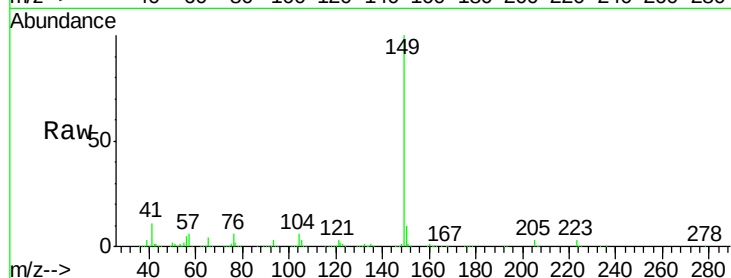
Tot Ion:149 Resp: 1095524

Ion Ratio Lower Upper

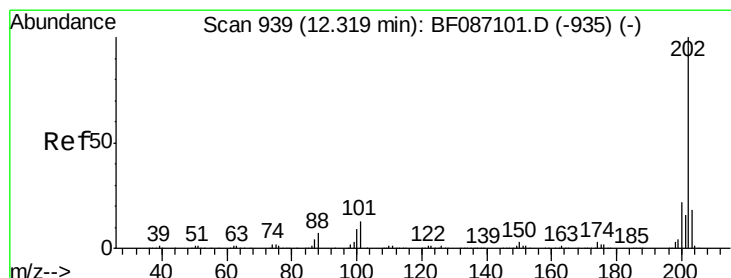
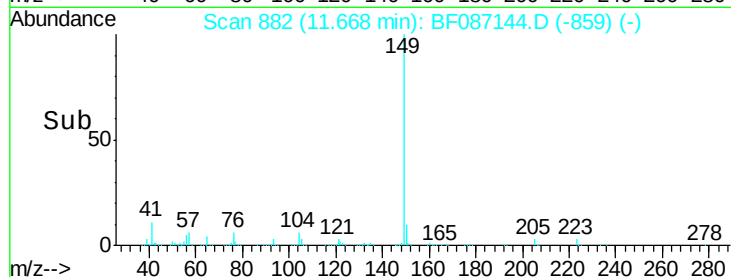
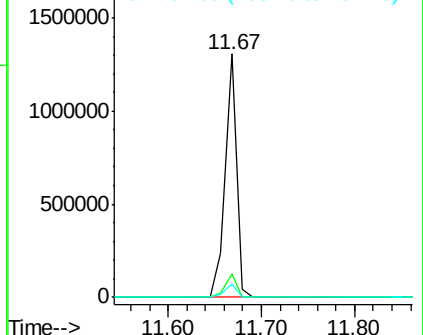
149 100

150 9.6 7.6 11.4

104 5.7 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.68 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

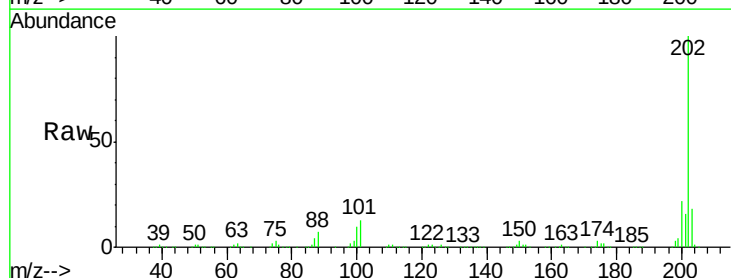
Tgt Ion:202 Resp: 961990

Ion Ratio Lower Upper

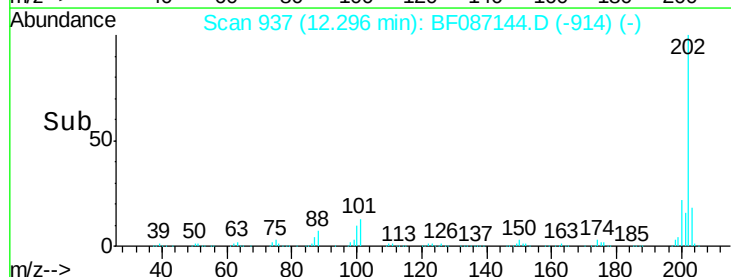
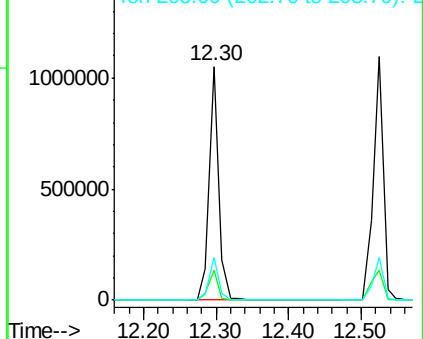
202 100

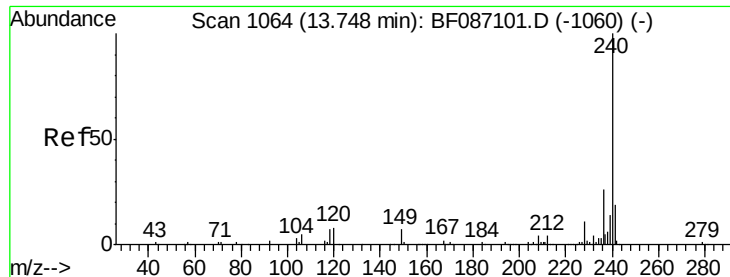
101 13.0 0.0 35.4

203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

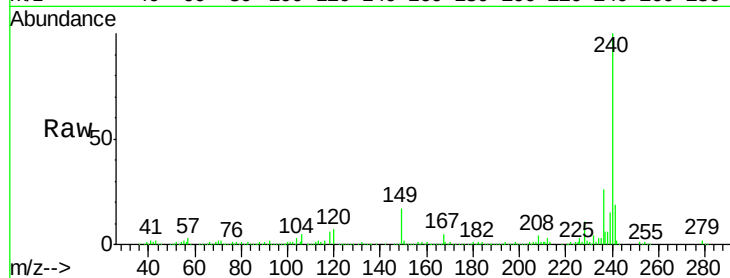
Tot Ion:240 Resp: 343022

Ion Ratio Lower Upper

240 100

120 7.1 11.2 16.8#

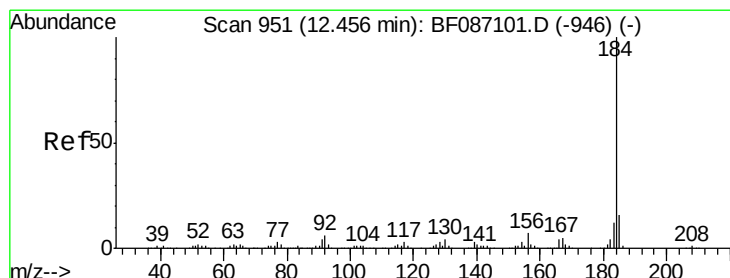
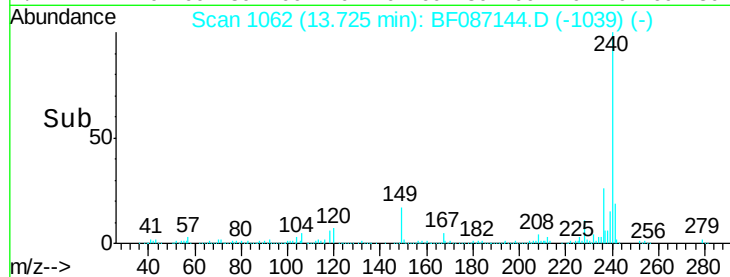
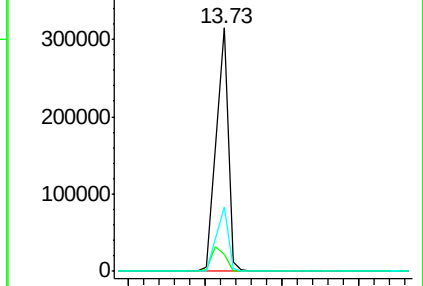
236 26.4 21.2 31.8



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: 30.46 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

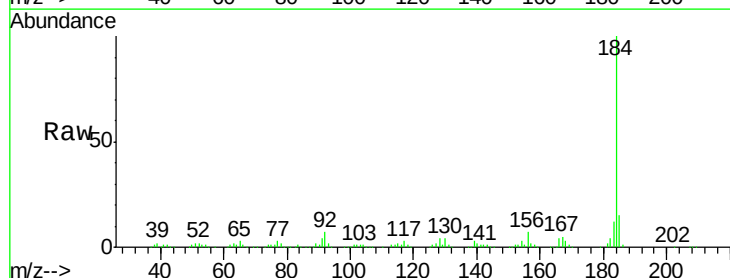
Tgt Ion:184 Resp: 317651

Ion Ratio Lower Upper

184 100

185 15.2 13.6 20.4

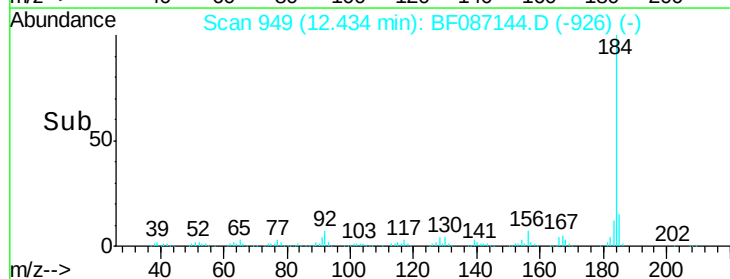
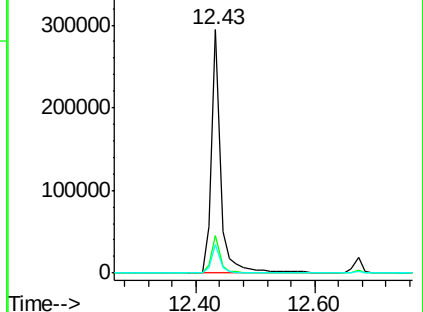
183 11.7 9.8 14.6

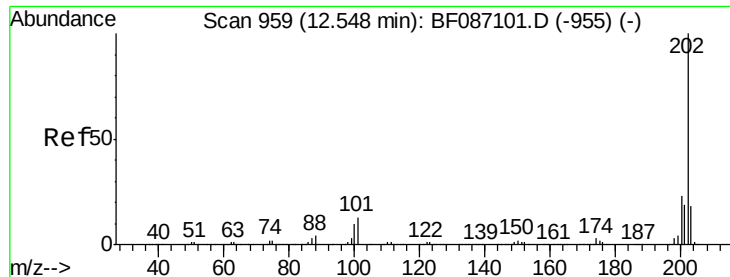


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

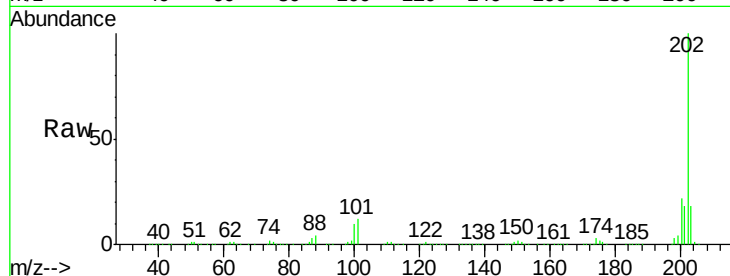




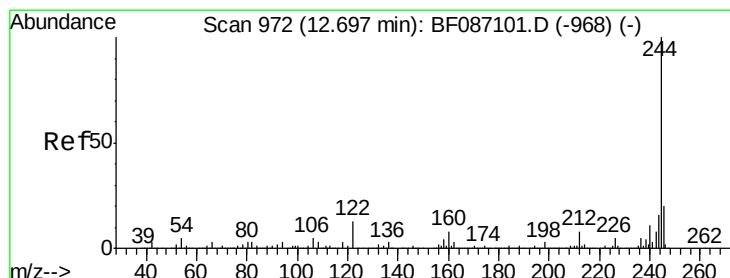
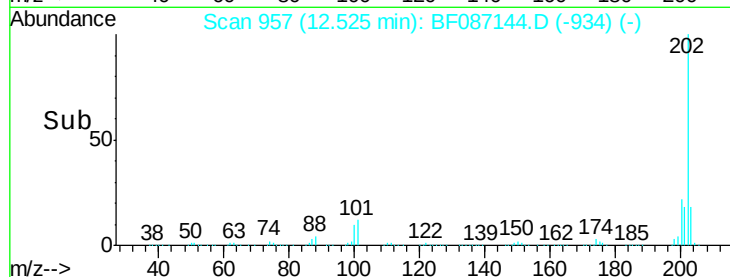
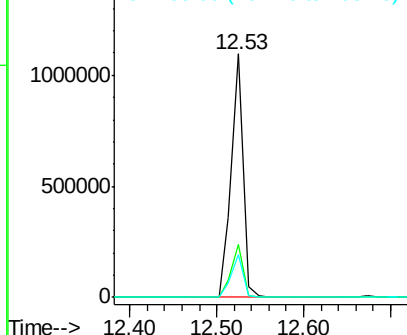
#77
Pvrene
Concen: 42.07 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1042634
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 17.6 14.2 21.4

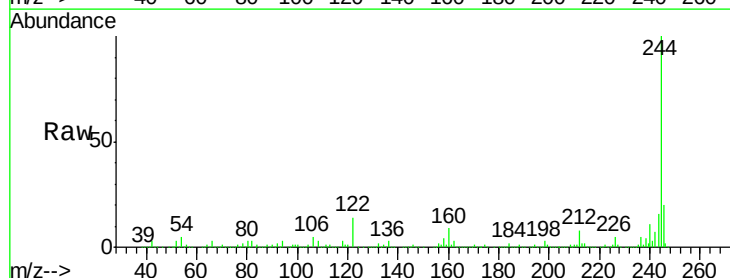


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

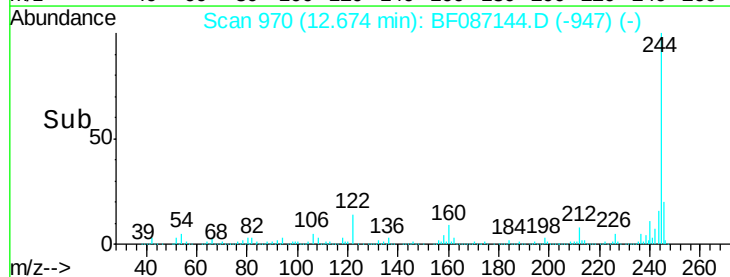
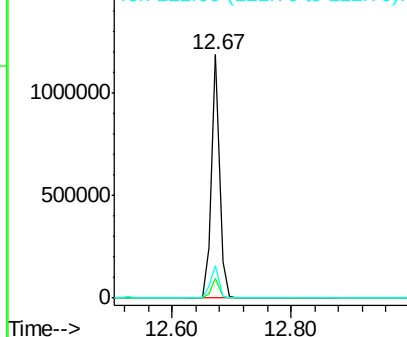


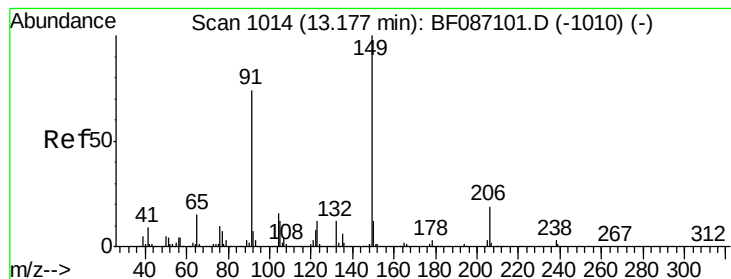
#78
Terphenyl-d14
Concen: 74.02 ng
RT: 12.67 min Scan# 970
Delta R.T. -0.03 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion:244 Resp: 1122380
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 13.5 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.39 ng

RT: 13.15 min Scan# 1012

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

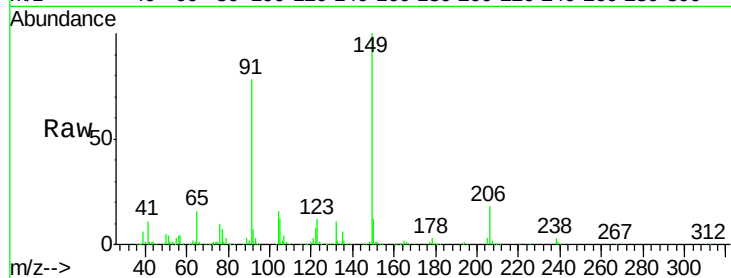
Tot Ion:149 Resp: 485268

Ion Ratio Lower Upper

149 100

91 77.6 48.0 72.0#

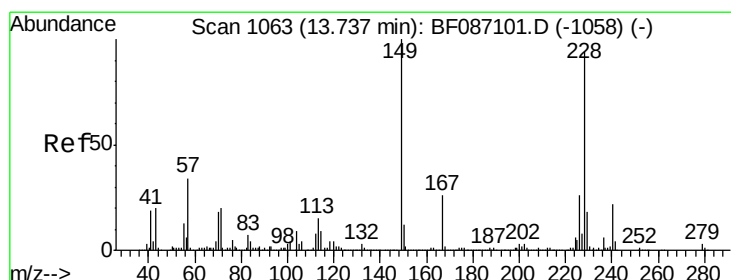
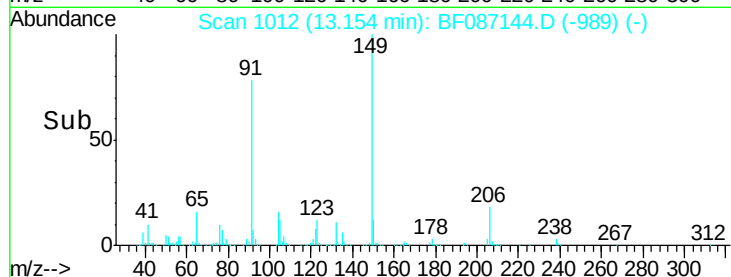
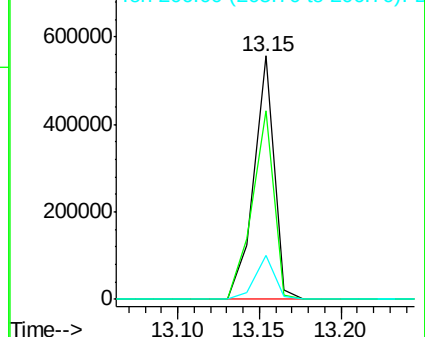
206 17.9 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.05 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

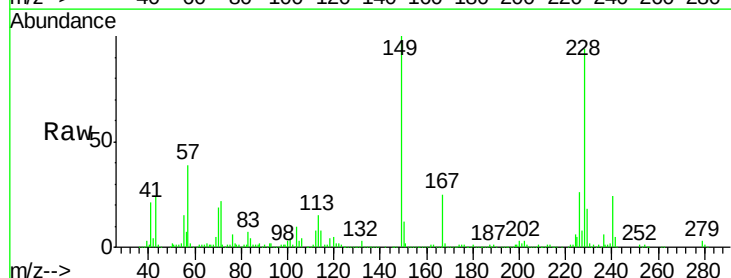
Tgt Ion:228 Resp: 794390

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

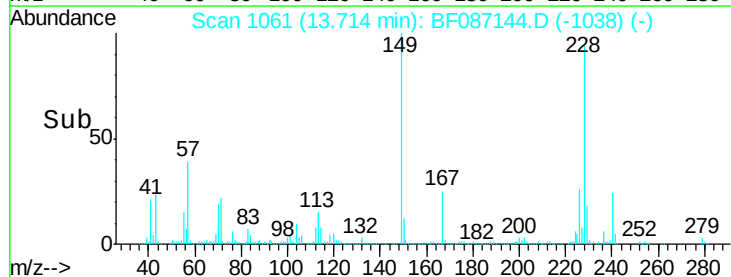
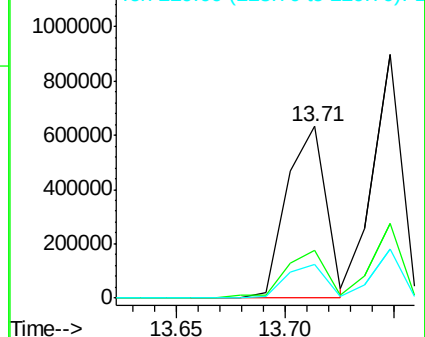
229 19.7 16.6 25.0

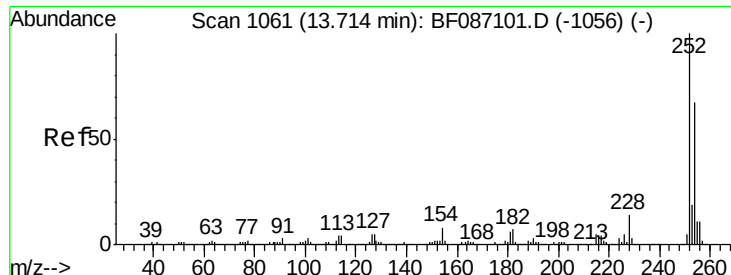


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

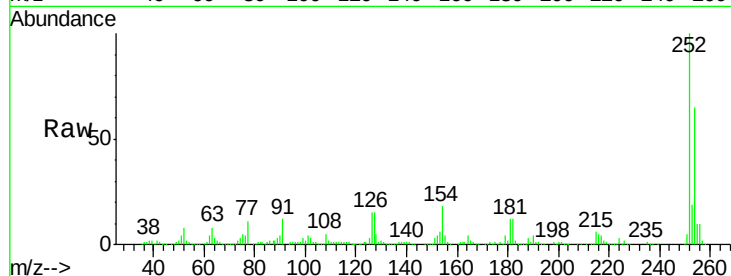




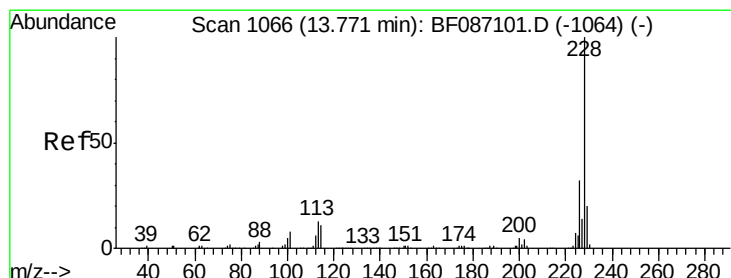
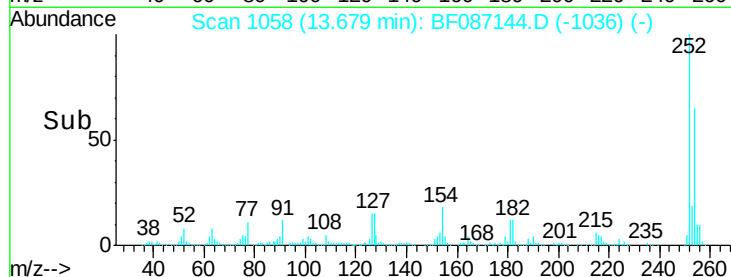
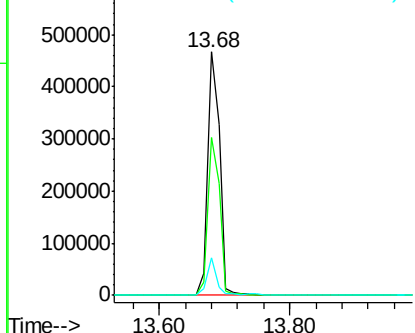
#81
 3,3'-Dichlorobenzidine
 Concen: 47.39 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.05 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 598144
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.7 76.1
 126 15.2 12.7 19.1

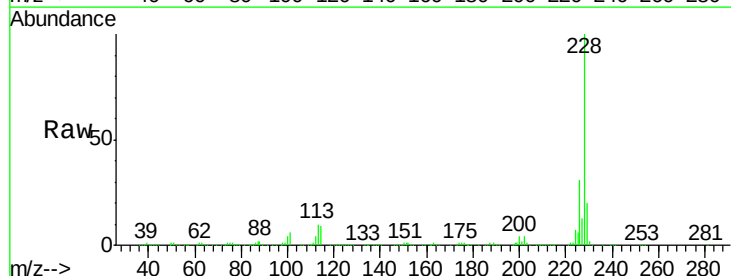


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

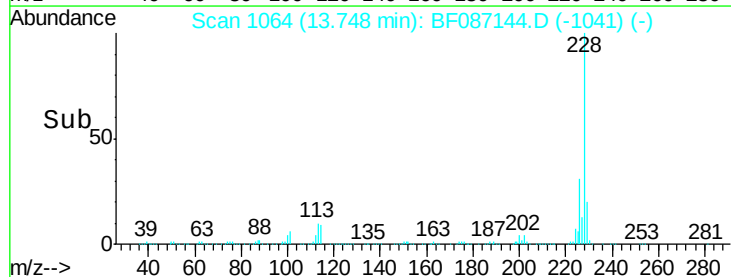
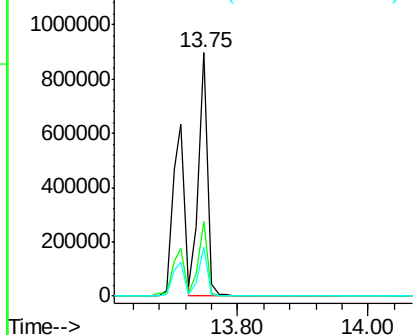


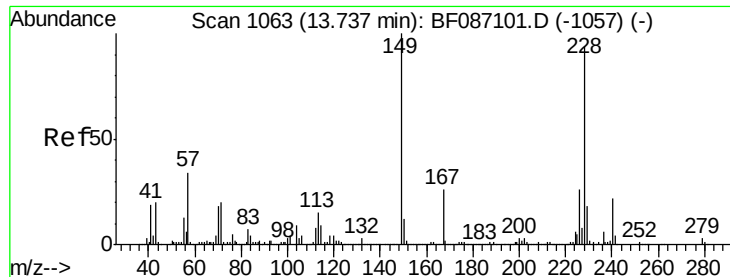
#82
 Chrysene
 Concen: 43.81 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion:228 Resp: 840623
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.4 36.6
 229 19.9 15.8 23.8



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: 46.66 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

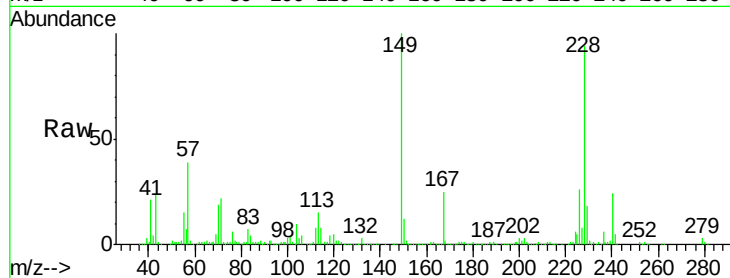
Tot Ion:149 Resp: 594113

Ion Ratio Lower Upper

149 100

167 25.0 21.8 32.6

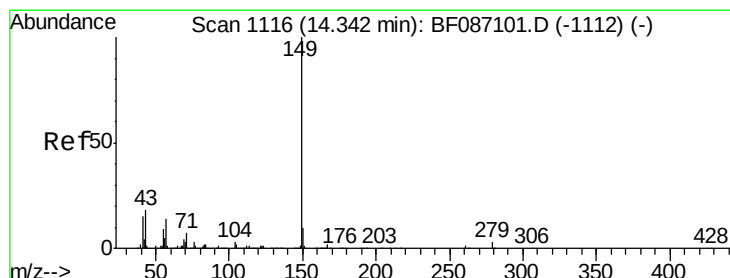
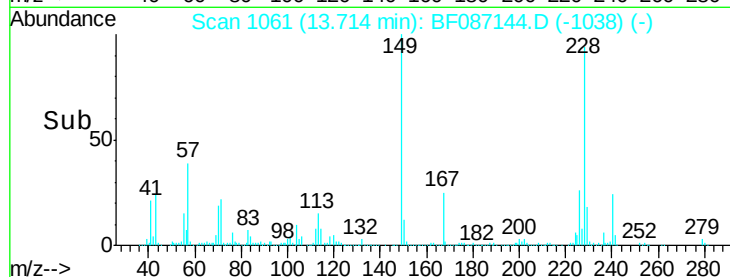
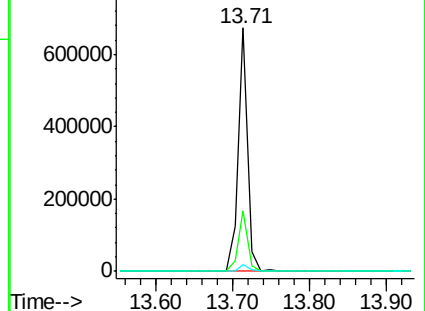
279 2.8 2.6 4.0



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: 44.74 ng

RT: 14.32 min Scan# 1114

Delta R.T. -0.03 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

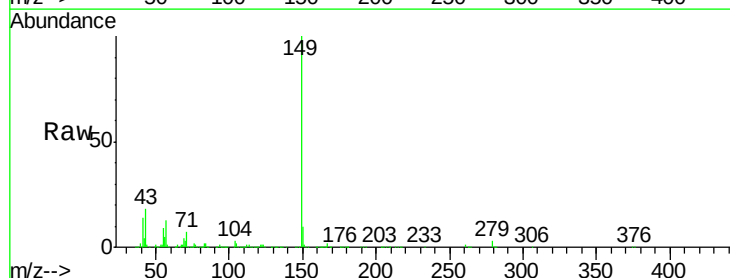
Tgt Ion:149 Resp: 981372

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

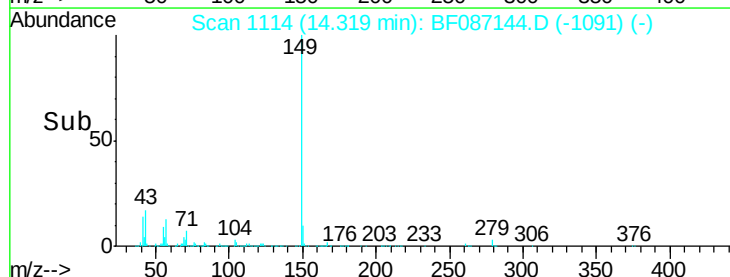
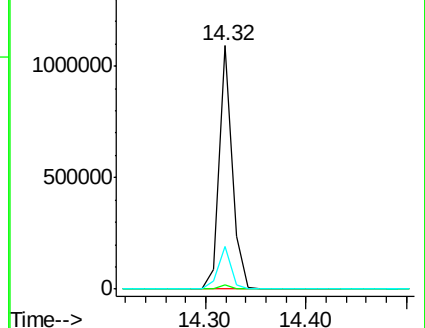
43 17.1 8.2 12.4#

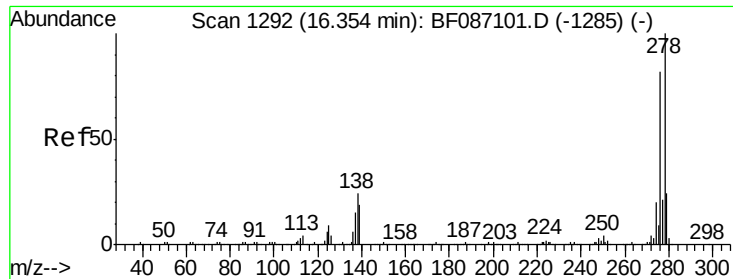


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

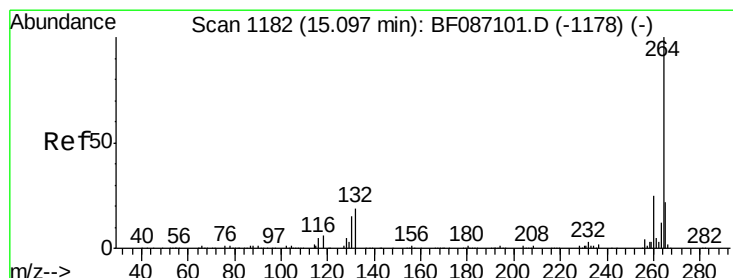
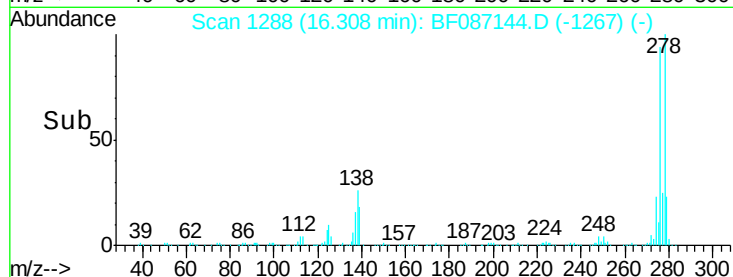
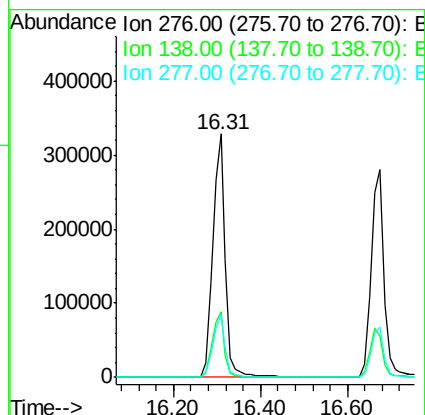
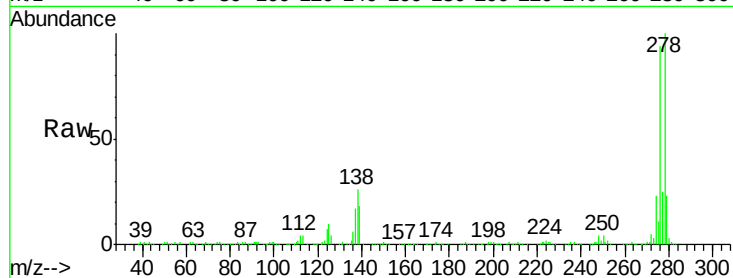




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.85 ng
 RT: 16.31 min Scan# 1288
 Delta R.T. -0.06 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

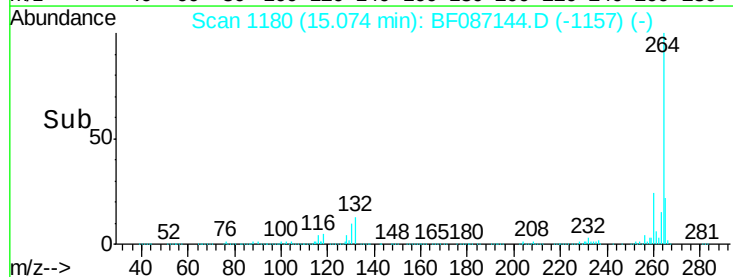
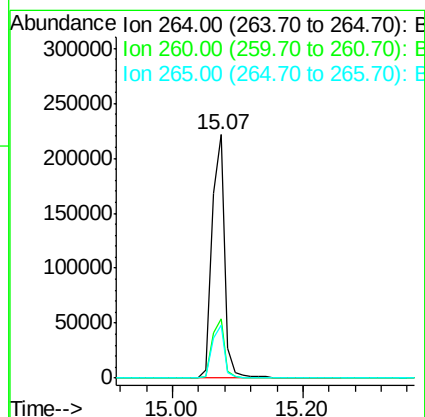
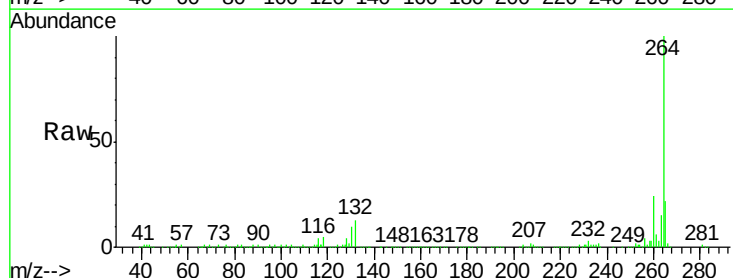
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

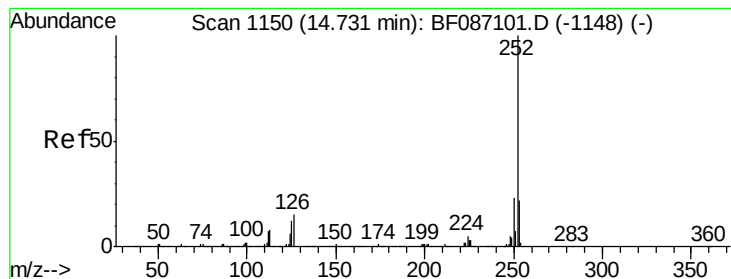
Tot Ion:	276	Resp:	671238
Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.6	38.4
277	25.4	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF087144.D
 Acq: 18 May 2016 15:11

Tgt Ion:	264	Resp:	302585
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 68.26 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

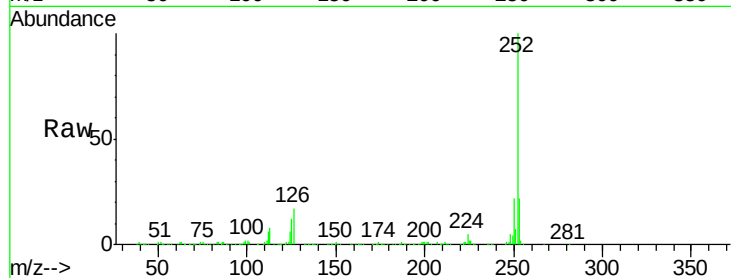
Tot Ion:252 Resp: 1370174

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

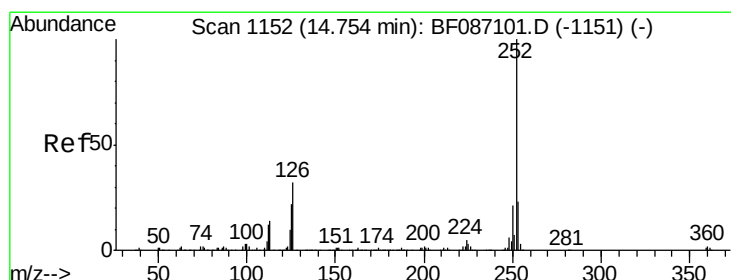
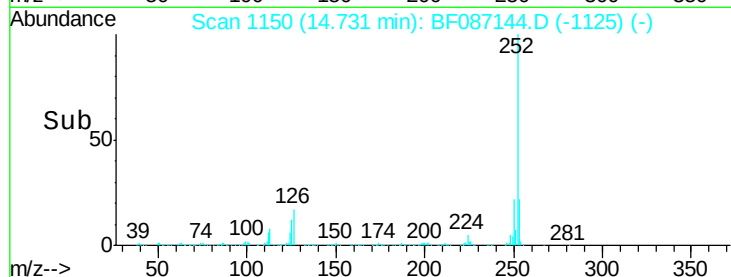
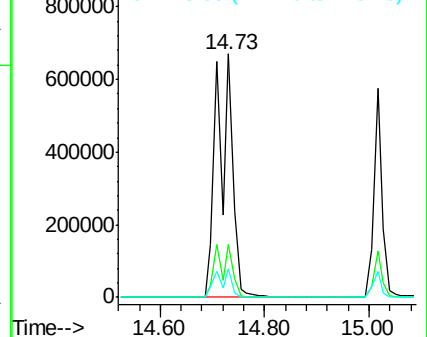
125 11.7 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 91.75 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.05 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

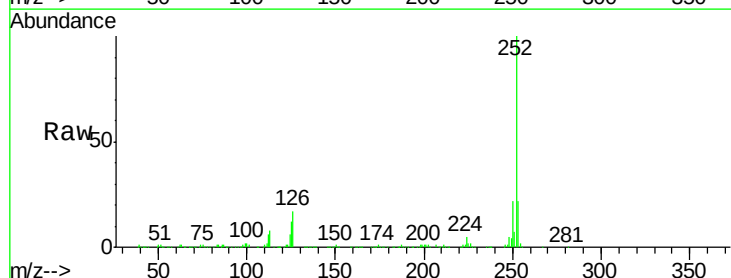
Tgt Ion:252 Resp: 1371214

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

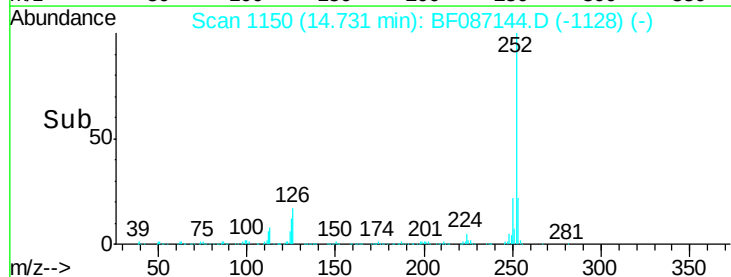
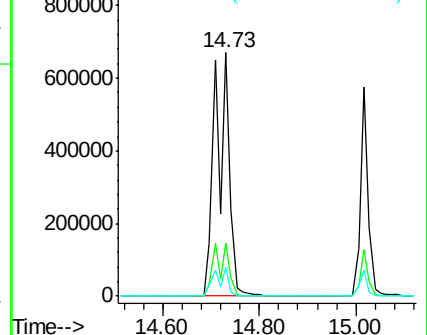
125 11.7 9.1 13.7

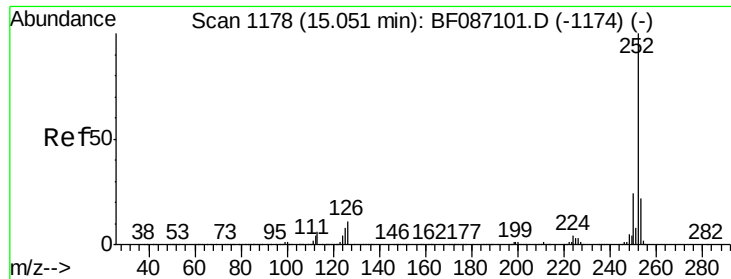


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

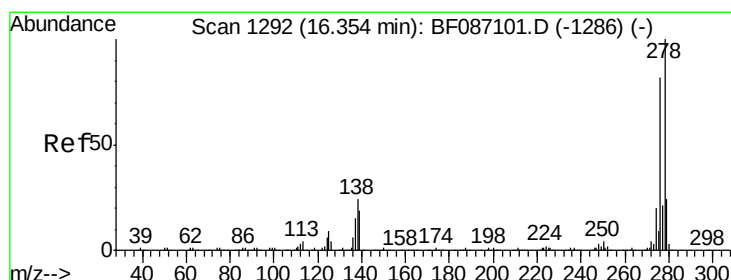
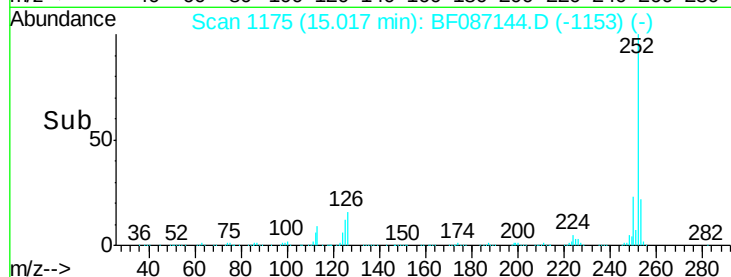
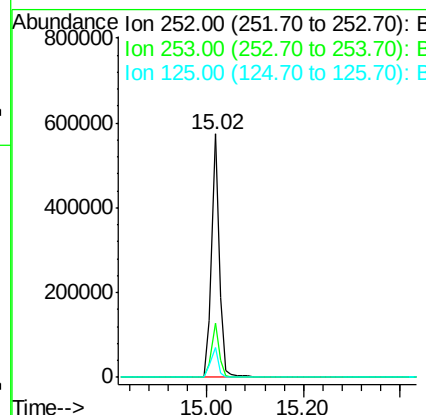
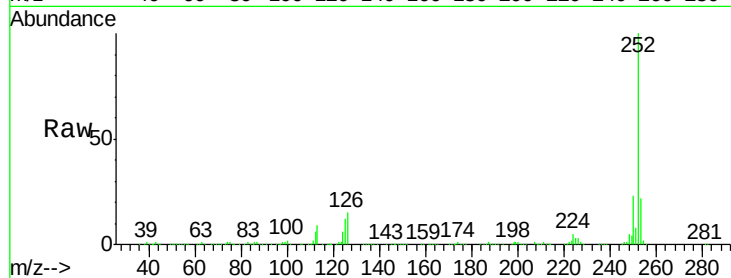




#89
Benzo(a)pyrene
Concen: 38.39 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.05 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

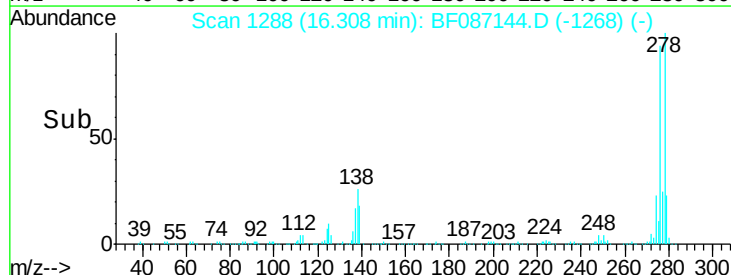
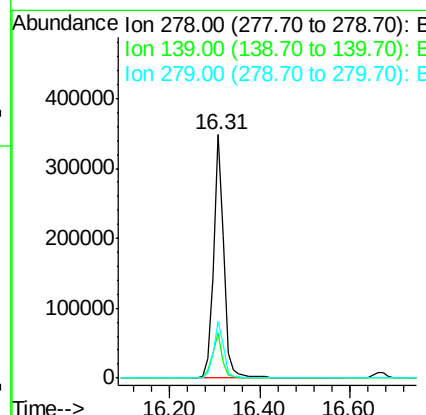
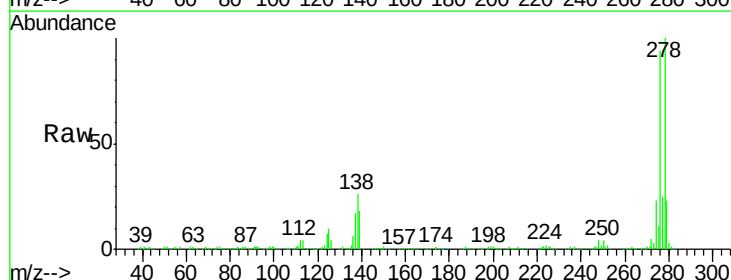
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

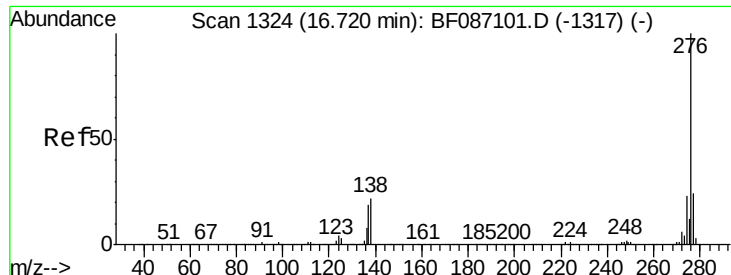
Tot Ion:252 Resp: 644114
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 12.3 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 39.29 ng
RT: 16.31 min Scan# 1288
Delta R.T. -0.07 min
Lab File: BF087144.D
Acq: 18 May 2016 15:11

Tgt Ion:278 Resp: 554998
Ion Ratio Lower Upper
278 100
139 18.3 16.6 24.8
279 23.3 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 39.50 ng

RT: 16.67 min Scan# 1320

Delta R.T. -0.07 min

Lab File: BF087144.D

Acq: 18 May 2016 15:11

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

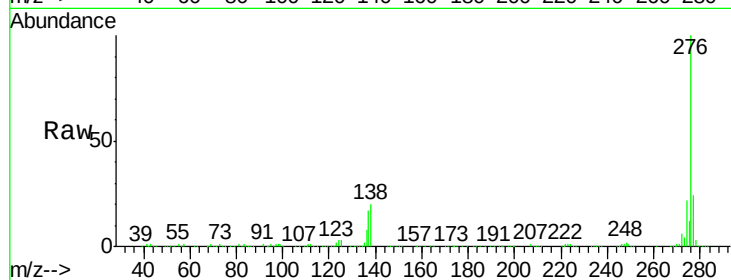
Tot Ion:276 Resp: 563667

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 19.6 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

