

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087051.D
 Acq On : 15 May 2016 6:20
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 16 04:53:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 14:55:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	155489	20.00	ng	-0.08
21) Naphthalene-d8	7.91	136	640001	20.00	ng	-0.08
38) Acenaphthene-d10	9.64	164	283992	20.00	ng	-0.09
63) Phenanthrene-d10	11.13	188	518791	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	301924	20.00	ng	-0.08
86) Perylene-d12	15.11	264	343791	20.00	ng	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	761899	82.98	ng	-0.09
7) Phenol-d6	6.28	99	916855	74.72	ng	-0.08
23) Nitrobenzene-d5	7.19	82	1064539	83.52	ng	-0.08
41) 2,4,6-Tribromophenol	10.44	330	255274	84.91	ng	-0.08
44) 2-Fluorobiphenyl	8.98	172	1388484	82.17	ng	-0.08
78) Terphenyl-d14	12.71	244	1195557	84.02	ng	-0.09

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.04	88	189529	42.05	ng	# 71
3) Pyridine	2.70	79	438146	39.76	ng	# 63
4) n-Nitrosodimethylamine	2.65	42	362554	45.37	ng	# 47
6) Aniline	6.28	93	609234	41.05	ng	90
8) 2-Chlorophenol	6.41	128	443413	40.02	ng	97
9) Benzaldehyde	6.16	77	270681	38.09	ng	98
10) Phenol	6.30	94	549355	37.67	ng	# 69
11) bis(2-Chloroethyl)ether	6.36	93	472951	41.59	ng	92
12) 1,3-Dichlorobenzene	6.79	146	419277	34.97	ng	98
13) 1,4-Dichlorobenzene	6.79	146	423390	34.63	ng	97
14) 1,2-Dichlorobenzene	6.79	146	426152	39.99	ng	98
15) Benzyl Alcohol	6.78	79	360408	42.54	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	6.90	45	948256	38.35	ng	63
17) 2-Methylphenol	6.90	107	337506	38.28	ng	# 76
18) Hexachloroethane	7.12	117	181459	39.45	ng	99
19) n-Nitroso-di-n-propylamine	7.05	70	362036	42.22	ng	# 68
20) 3+4-Methylphenols	7.06	107	465374	40.42	ng	# 62
22) Acetophenone	7.04	105	615038	40.69	ng	# 98
24) Nitrobenzene	7.21	77	532975	40.65	ng	97
25) Isophorone	7.45	82	886525	37.49	ng	97
26) 2-Nitrophenol	7.53	139	239539	41.56	ng	# 92
27) 2,4-Dimethylphenol	7.59	122	406755	41.43	ng	90
28) bis(2-Chloroethoxy)methane	7.67	93	501542	39.32	ng	# 98
29) 2,4-Dichlorophenol	7.78	162	346573	40.11	ng	94
30) 1,2,4-Trichlorobenzene	7.85	180	398103	41.20	ng	99
31) Naphthalene	7.92	128	1218547	38.01	ng	99
32) Benzoic acid	7.75	122	198440	34.41	ng	88
33) 4-Chloroaniline	7.99	127	483012	38.78	ng	# 89
34) Hexachlorobutadiene	8.04	225	234093	41.76	ng	98
35) Caprolactam	8.38	113	112270	38.19	ng	# 50
36) 4-Chloro-3-methylphenol	8.49	107	400960	38.26	ng	91
37) 2-Methylnaphthalene	8.62	142	809291	43.18	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	334434	40.50	ng	98
40) Hexachlorocyclopentadiene	8.76	237	121026	30.88	ng	93

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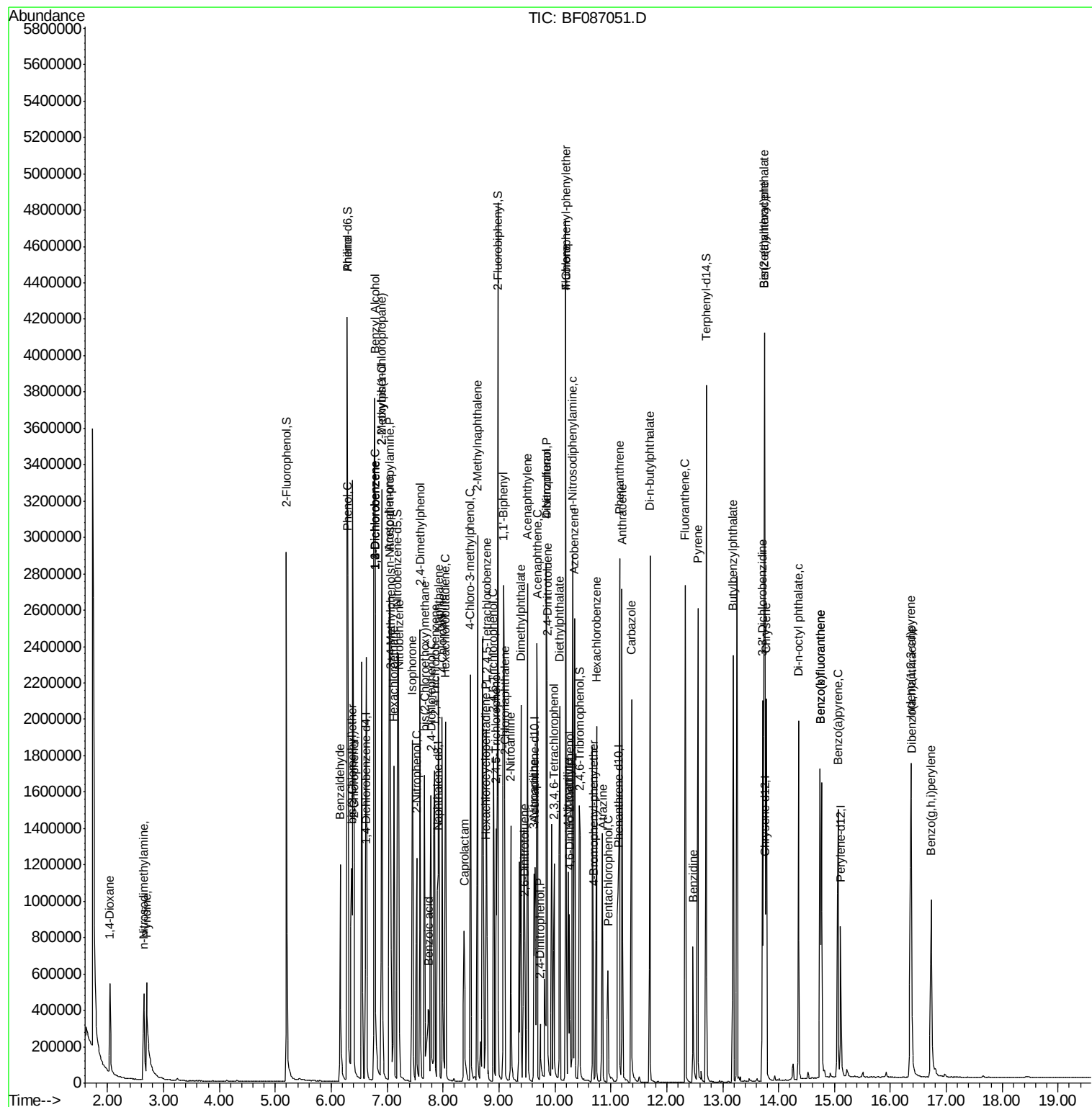
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	224317	40.63	ng	95
43) 2,4,5-Trichlorophenol	8.95	196	234306	41.03	ng #	81
45) 1,1'-Biphenyl	9.08	154	1018788	45.10	ng	100
46) 2-Chloronaphthalene	9.11	162	751963	42.49	ng	97
47) 2-Nitroaniline	9.21	65	264566	40.90	ng #	72
48) Acenaphthylene	9.51	152	1096334	42.12	ng	99
49) Dimethylphthalate	9.39	163	879287	40.58	ng	99
50) 2,6-Dinitrotoluene	9.46	165	193215	42.37	ng #	65
51) Acenaphthene	9.68	154	685681	42.34	ng	98
52) 3-Nitroaniline	9.62	138	195307	40.69	ng #	73
53) 2,4-Dinitrophenol	9.74	184	53148	28.31	ng #	80
54) Dibenzofuran	9.85	168	858740	41.31	ng	92
55) 4-Nitrophenol	9.85	139	473151	143.96	ng #	21
56) 2,4-Dinitrotoluene	9.86	165	252414	44.73	ng	87
57) Fluorene	10.19	166	684484	38.61	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	182430	42.44	ng	96
59) Diethylphthalate	10.09	149	920566	43.60	ng	96
60) 4-Chlorophenyl-phenylether	10.19	204	361344	47.50	ng	94
61) 4-Nitroaniline	10.24	138	172840	37.49	ng #	67
62) Azobenzene	10.35	77	1020482	44.80	ng	87
64) 4,6-Dinitro-2-methylphenol	10.26	198	98796	30.65	ng #	12
65) n-Nitrosodiphenylamine	10.32	169	706751	44.34	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	214784	40.83	ng #	76
67) Hexachlorobenzene	10.74	284	266786	43.40	ng #	86
68) Atrazine	10.86	200	226339	42.51	ng	95
69) Pentachlorophenol	10.95	266	97543	34.33	ng	98
70) Phenanthrene	11.15	178	1170029	42.26	ng	100
71) Anthracene	11.20	178	1060180	37.44	ng	99
72) Carbazole	11.37	167	1023438	42.05	ng	100
73) Di-n-butylphthalate	11.70	149	1257282	42.30	ng #	98
74) Fluoranthene	12.33	202	1035880	36.38	ng	97
76) Benzidine	12.47	184	315259	40.96	ng	97
77) Pyrene	12.56	202	1084877	46.93	ng	100
79) Butylbenzylphthalate	13.19	149	445727	45.59	ng #	76
80) Benzo(a)anthracene	13.75	228	743679	43.88	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	445265	41.35	ng	99
82) Chrysene	13.78	228	794071	46.06	ng	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	534075	45.41	ng #	96
84) Di-n-octyl phthalate	14.35	149	867014	44.50	ng #	83
85) Indeno(1,2,3-cd)pyrene	16.37	276	922121	64.28	ng	95
87) Benzo(b)fluoranthene	14.74	252	1488909	66.64	ng	98
88) Benzo(k)fluoranthene	14.74	252	1489390	81.41	ng	99
89) Benzo(a)pyrene	15.06	252	762525	39.57	ng #	97
90) Dibenzo(a,h)anthracene	16.38	278	771505	47.50	ng #	93
91) Benzo(g,h,i)perylene	16.73	276	788577	47.78	ng	94

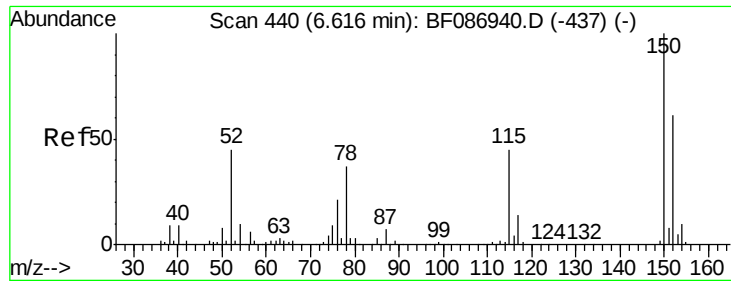
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

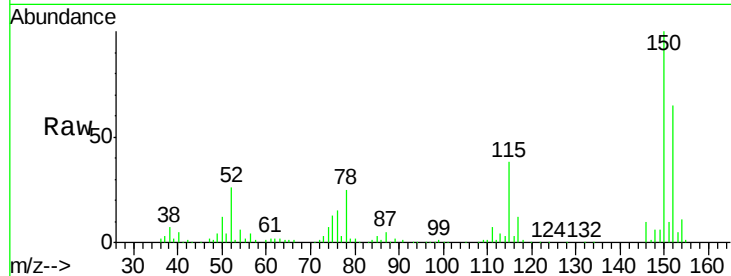
Tgt Ion:152 Resp: 155489

Ion Ratio Lower Upper

152 100

150 154.4 125.8 188.6

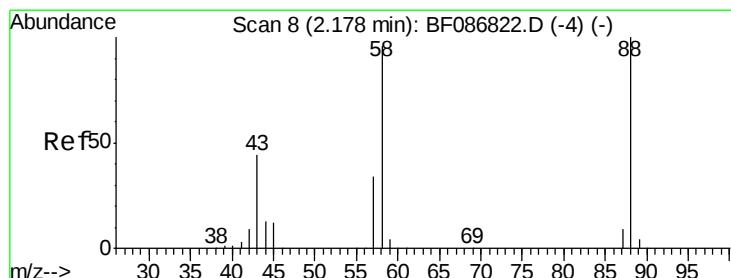
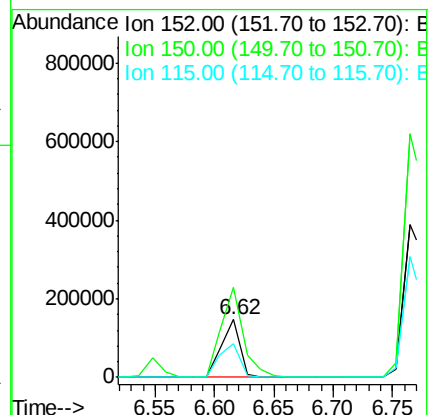
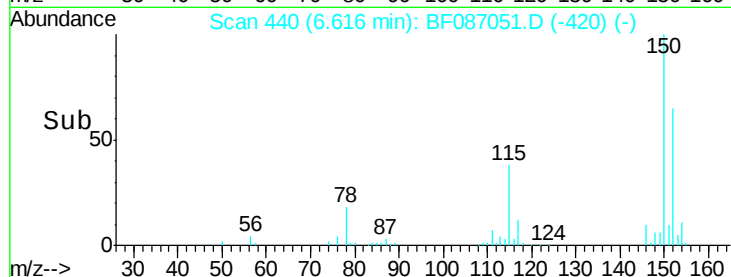
115 58.8 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.05 ng

RT: 2.04 min Scan# 40

Delta R.T. -0.13 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

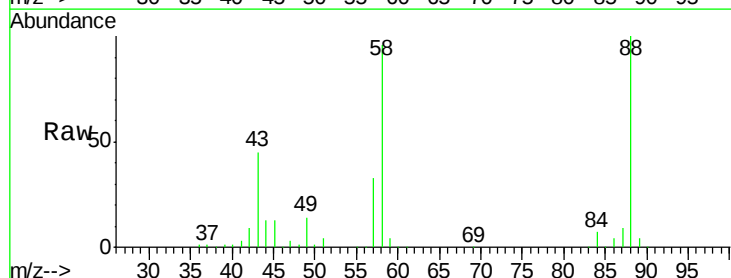
Tgt Ion: 88 Resp: 189529

Ion Ratio Lower Upper

88 100

58 97.6 59.6 89.4#

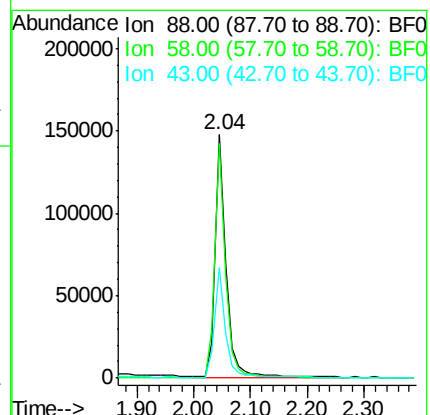
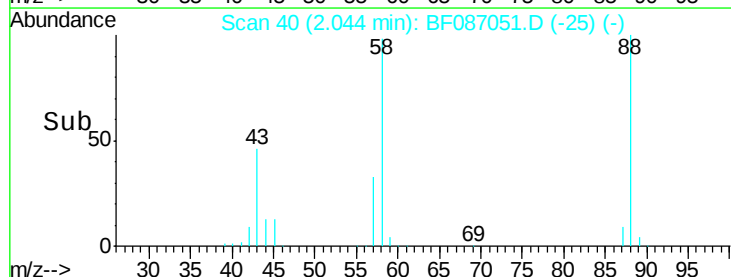
43 45.0 21.8 32.6#

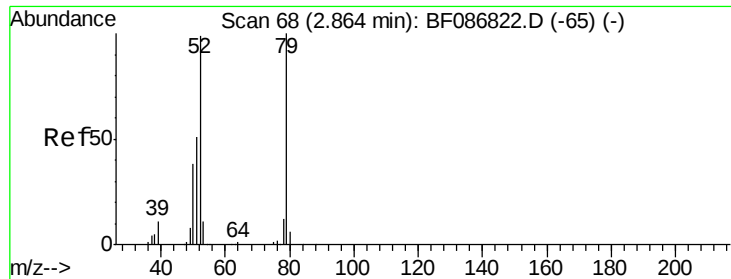


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.76 ng

RT: 2.70 min Scan# 97

Delta R.T. -0.17 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

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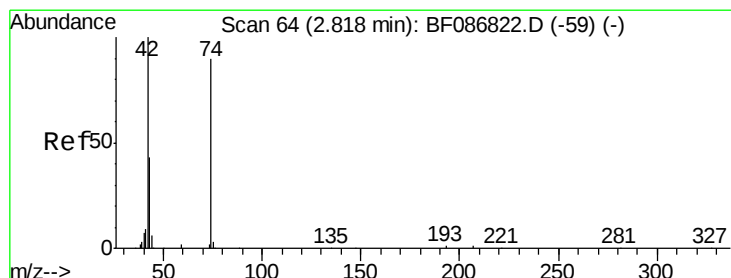
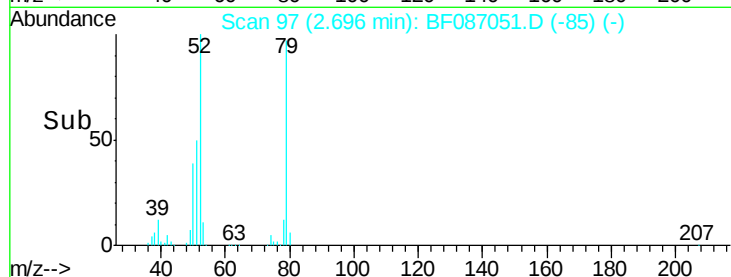
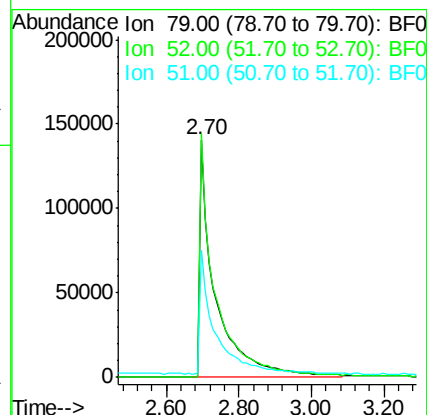
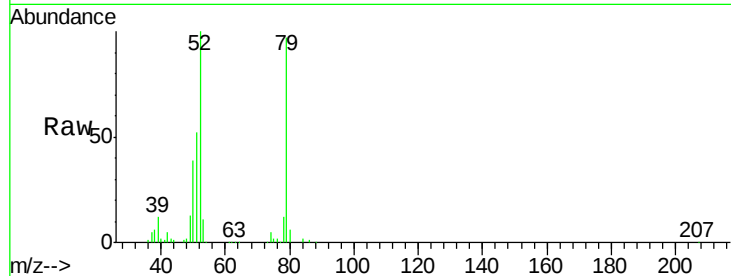
Tgt Ion: 79 Resp: 438146

Ion Ratio Lower Upper

79 100

52 102.6 55.9 83.9#

51 53.5 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 45.37 ng

RT: 2.65 min Scan# 93

Delta R.T. -0.17 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

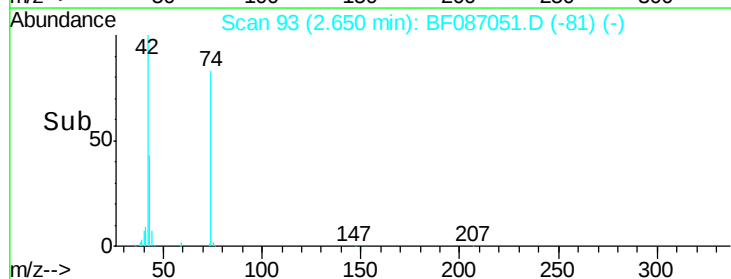
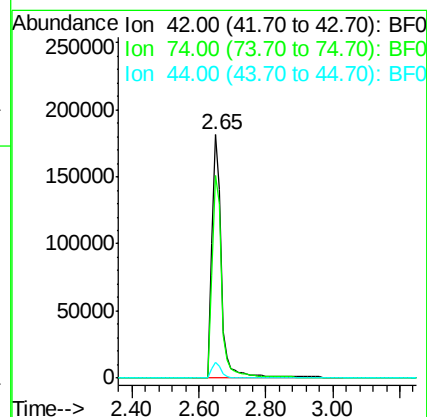
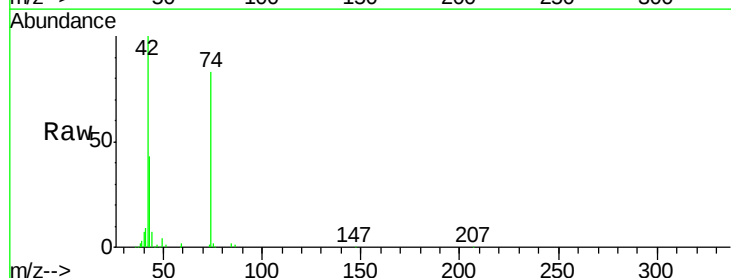
Tgt Ion: 42 Resp: 362554

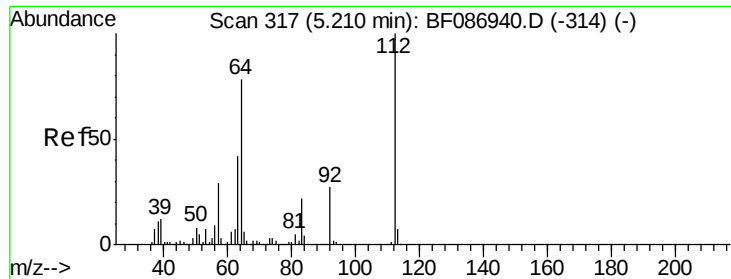
Ion Ratio Lower Upper

42 100

74 83.1 123.4 185.0#

44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 82.98 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.09 min

Lab File: BF087051.D

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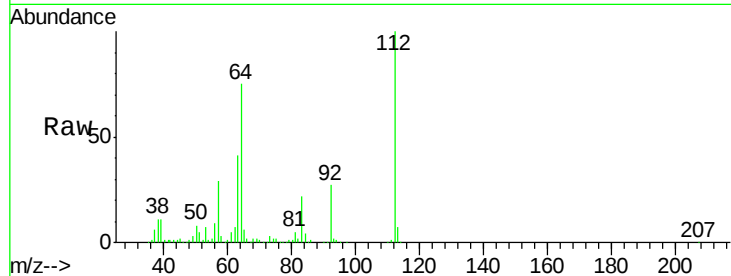
Tgt Ion: 112 Resp: 761899

Ion Ratio Lower Upper

112 100

64 75.0 52.1 78.1

63 41.1 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.20

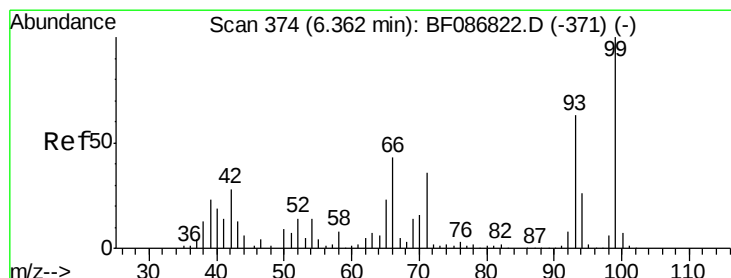
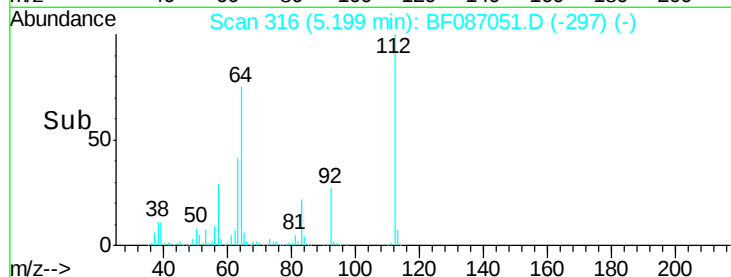
600000

400000

200000

0

Time-->



#6

Aniline

Concen: 41.05 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

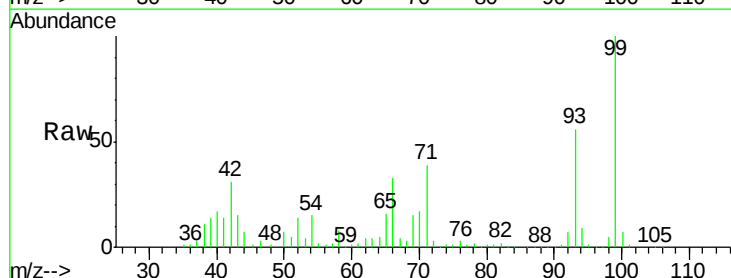
Tgt Ion: 93 Resp: 609234

Ion Ratio Lower Upper

93 100

66 58.2 39.0 58.6

65 27.8 20.6 31.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.28

600000

500000

400000

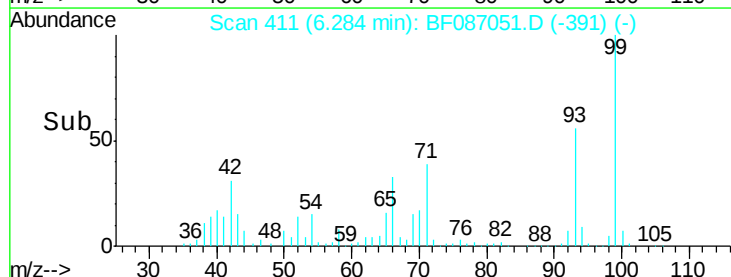
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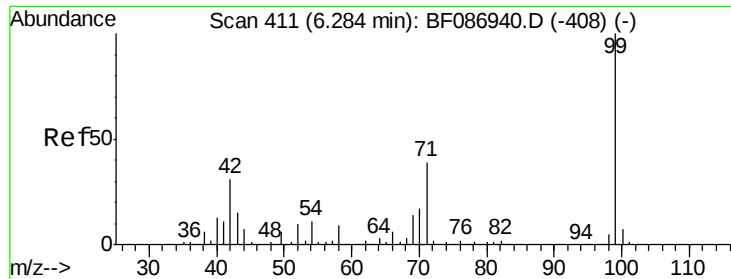
200000

100000

0

Time-->





#7

Phenol-d6

Concen: 74.72 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF087051.D

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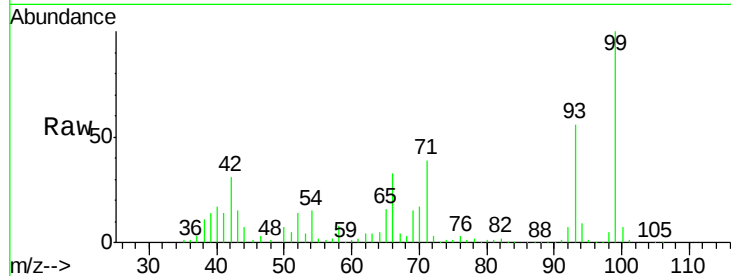
Tgt Ion: 99 Resp: 916855

Ion Ratio Lower Upper

99 100

42 31.2 13.6 20.4#

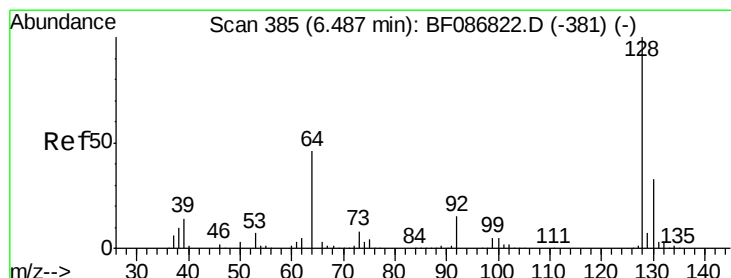
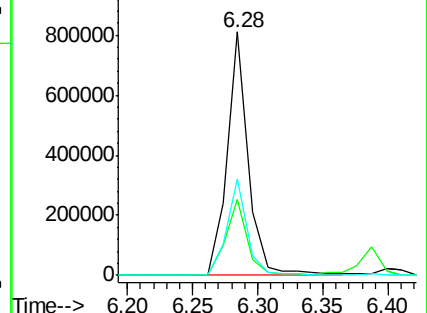
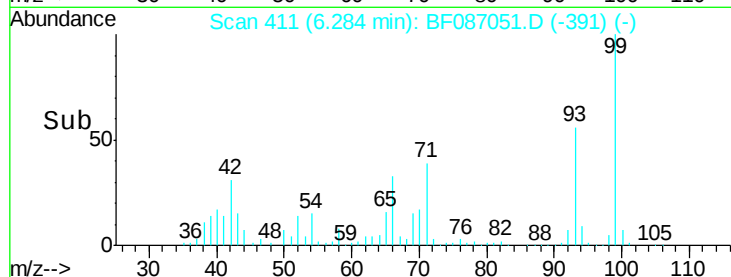
71 39.5 24.6 36.8#



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: 40.02 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.08 min

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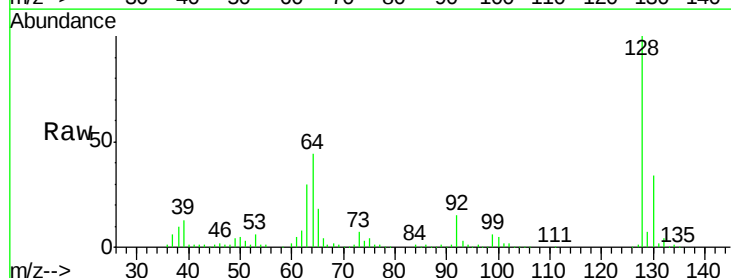
Tgt Ion: 128 Resp: 443413

Ion Ratio Lower Upper

128 100

130 33.7 12.5 52.5

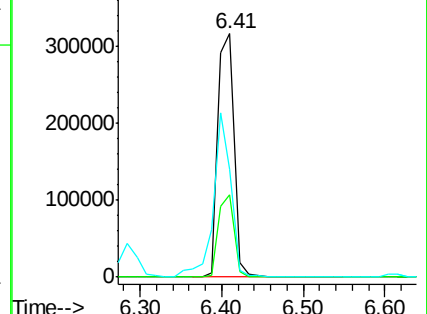
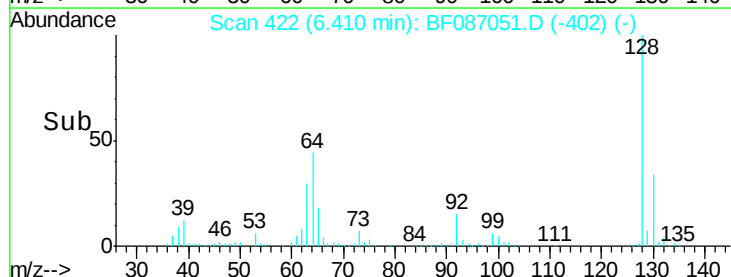
64 44.5 27.3 67.3

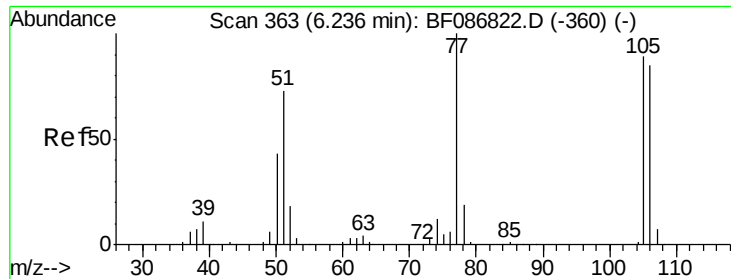


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

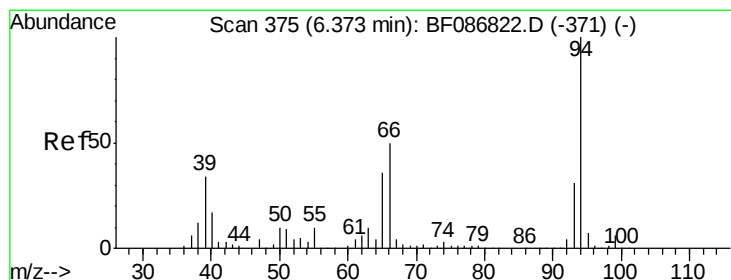
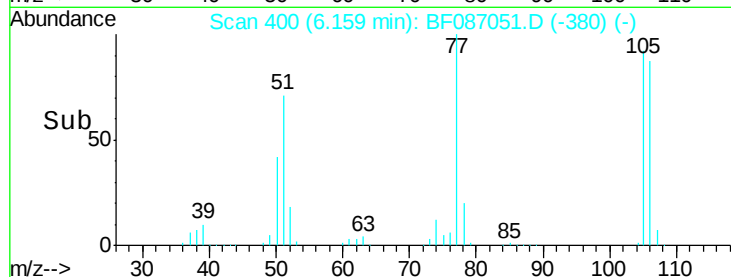
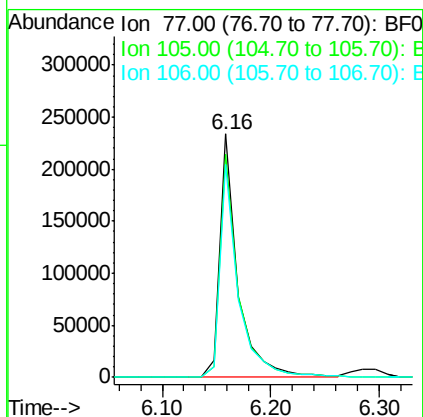
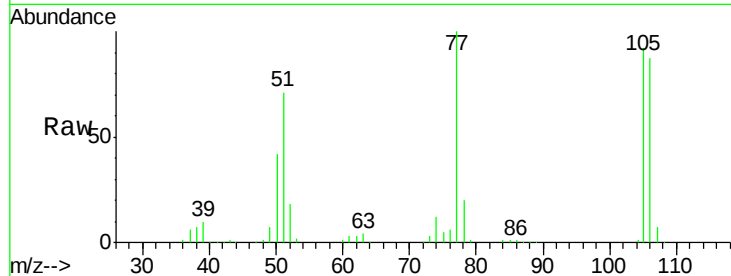




#9
Benzaldehyde
Concen: 38.09 ng
RT: 6.16 min Scan# 400
Delta R.T. -0.08 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

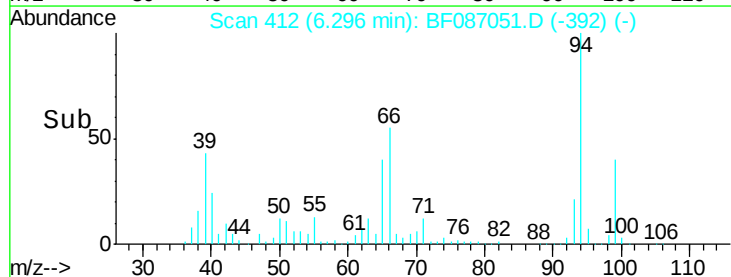
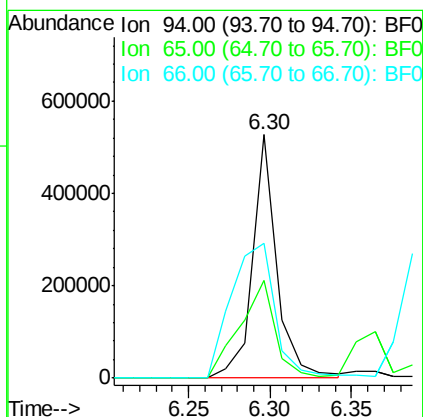
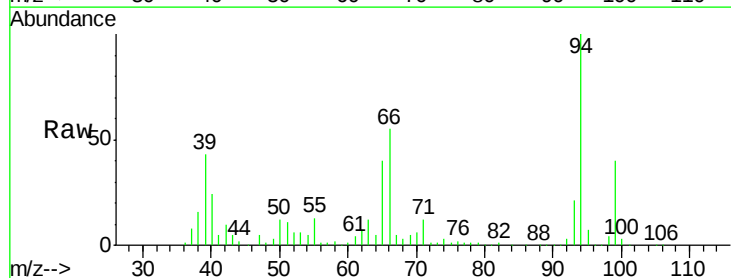
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ClientSampleId :
SSTDCCC040

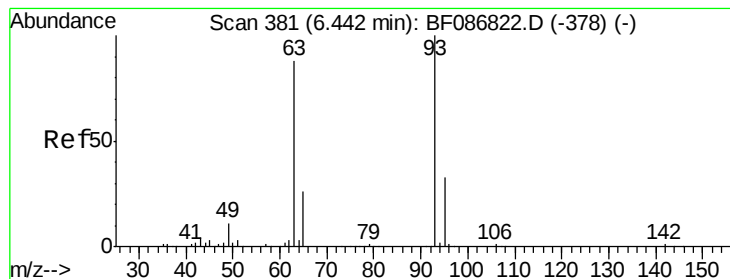
Tgt Ion: 77 Resp: 270681
Ion Ratio Lower Upper
77 100
105 91.7 72.7 112.7
106 87.4 70.8 110.8



#10
Phenol
Concen: 37.67 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.08 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

Tgt Ion: 94 Resp: 549355
Ion Ratio Lower Upper
94 100
65 40.3 7.2 47.2
66 55.5 14.9 54.9#





#11

bis(2-Chloroethyl)ether

Concen: 41.59 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

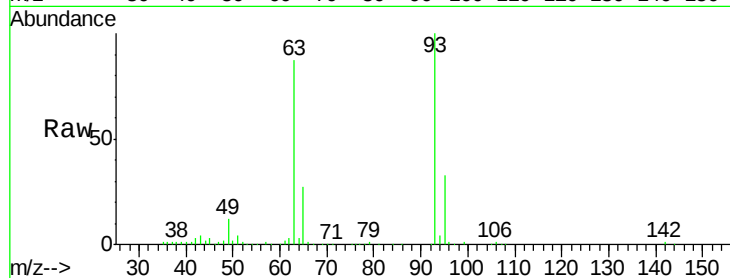
Tgt Ion: 93 Resp: 472951

Ion Ratio Lower Upper

93 100

63 87.0 58.0 98.0

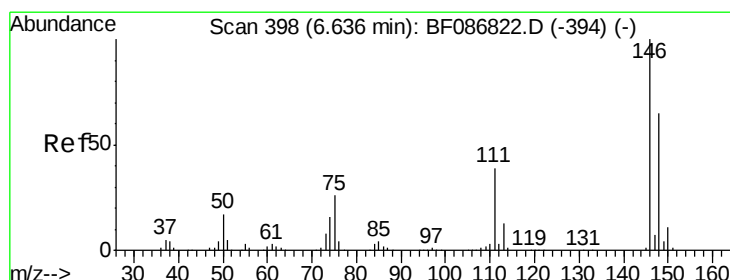
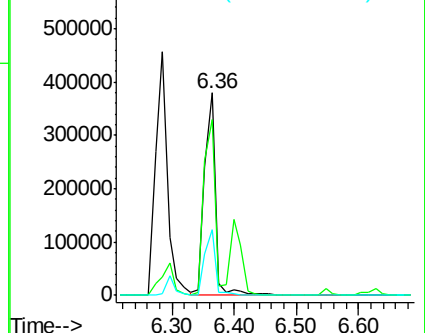
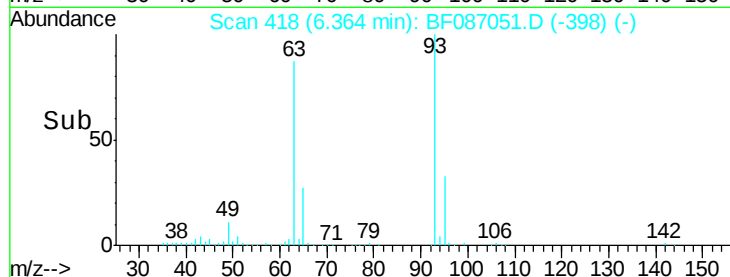
95 32.7 11.9 51.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 34.97 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.15 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

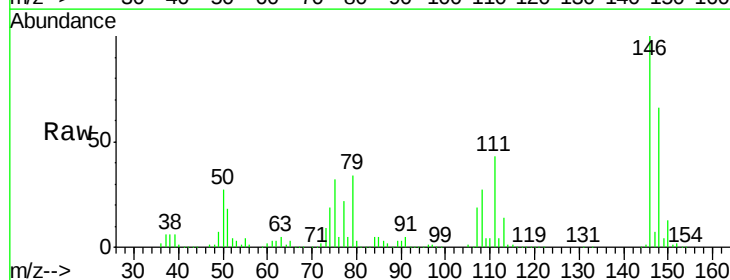
Tgt Ion: 146 Resp: 419277

Ion Ratio Lower Upper

146 100

148 65.6 52.4 78.6

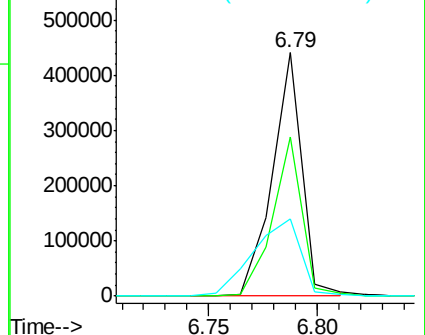
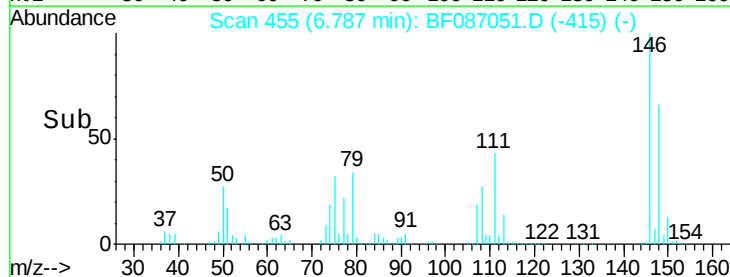
75 31.6 22.8 34.2

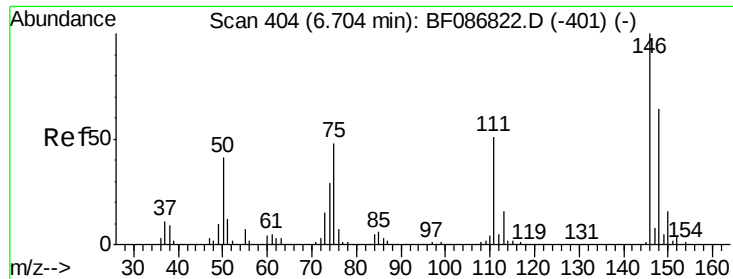


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

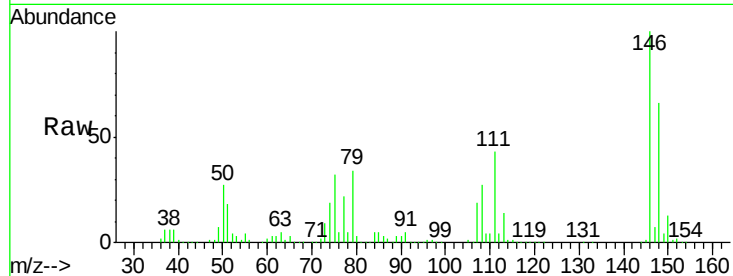




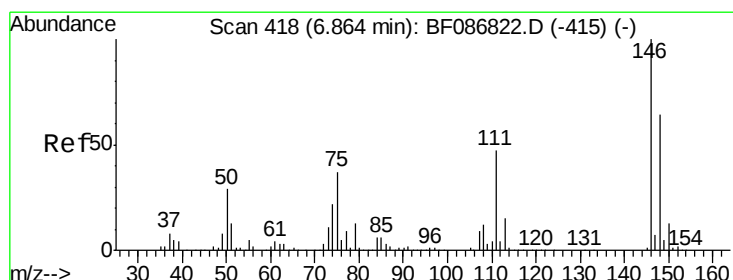
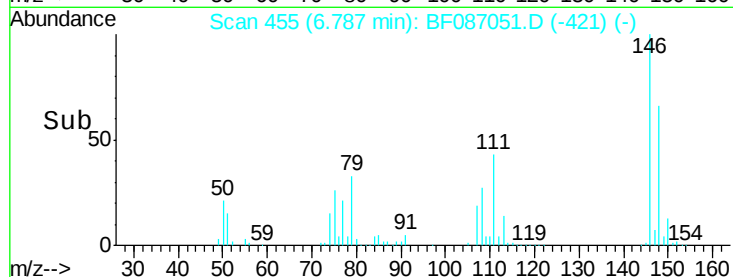
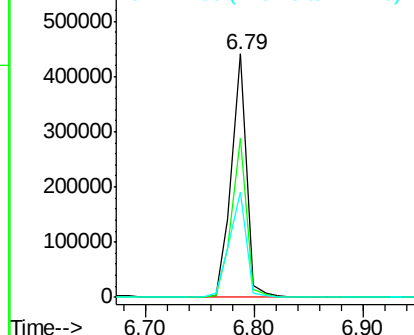
#13
 1,4-Dichlorobenzene
 Concen: 34.63 ng
 RT: 6.79 min Scan# 455
 Delta R.T. 0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 423390
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.2 78.4
 111 43.5 30.7 46.1

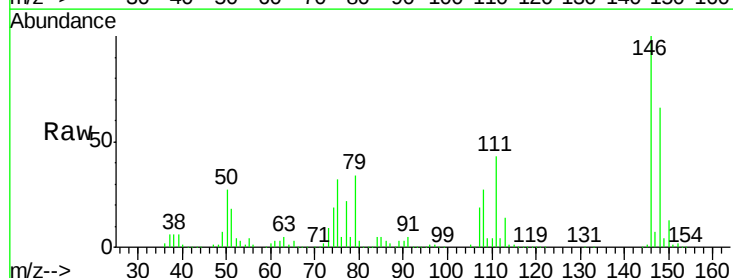


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

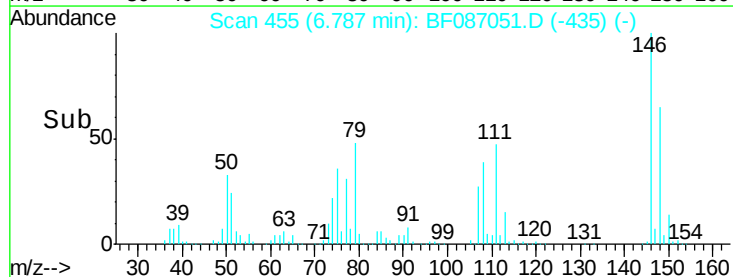
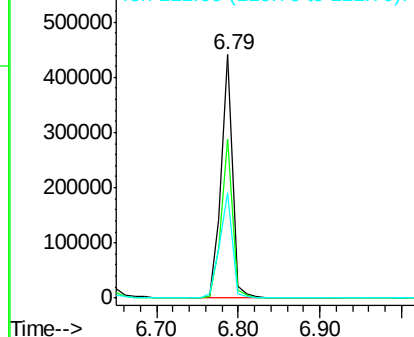


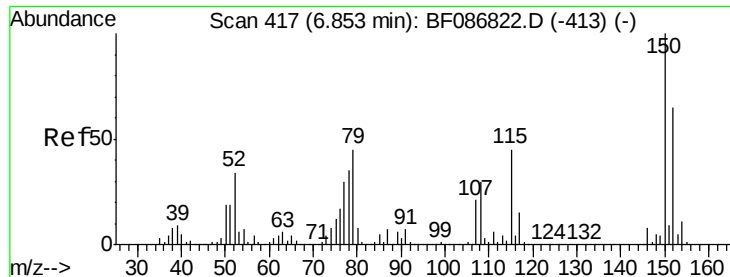
#14
 1,2-Dichlorobenzene
 Concen: 39.99 ng
 RT: 6.79 min Scan# 455
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion:146 Resp: 426152
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.0 76.6
 111 43.5 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

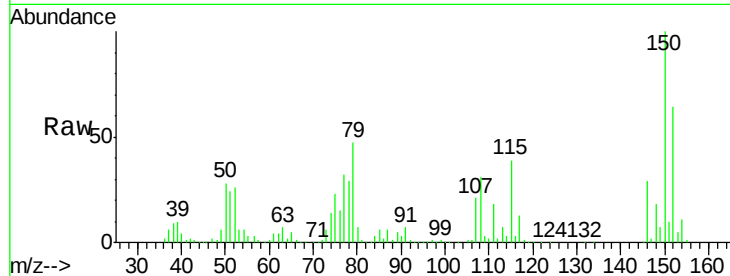




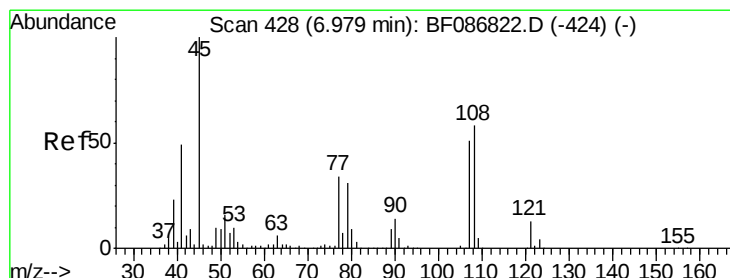
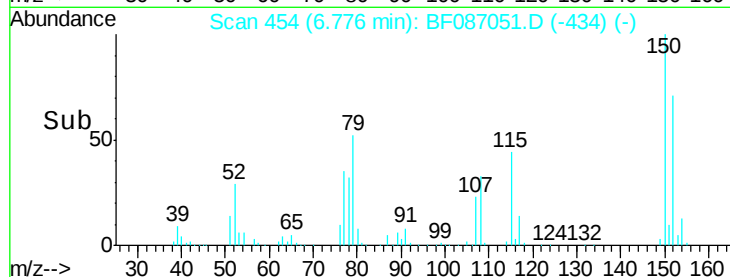
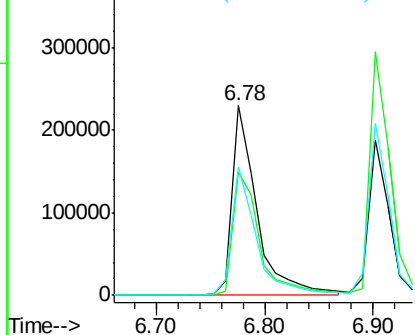
#15
Benzyl Alcohol
Concen: 42.54 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.08 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 360408
Ion Ratio Lower Upper
79 100
108 65.2 68.4 102.6#
77 68.0 50.6 76.0

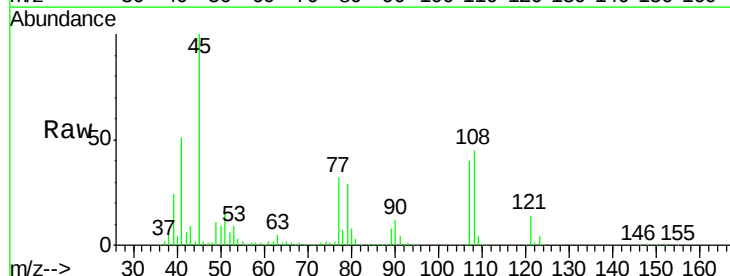


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

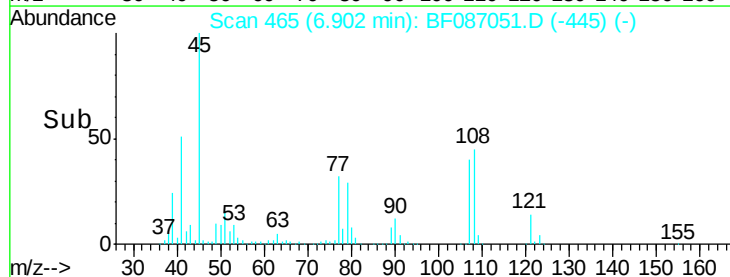
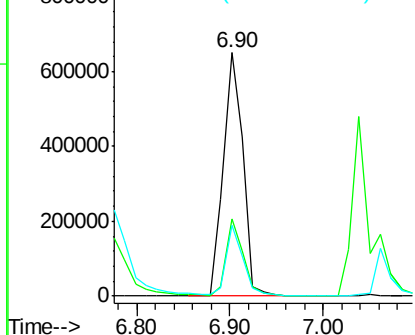


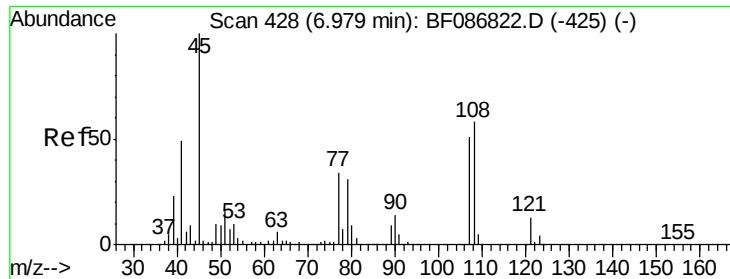
#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.35 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.08 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

Tgt Ion: 45 Resp: 948256
Ion Ratio Lower Upper
45 100
77 31.9 0.0 36.4
79 28.9 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: 38.28 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 337506

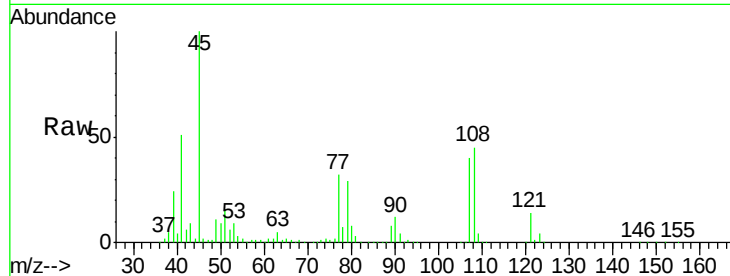
Ion Ratio Lower Upper

107 100

108 112.7 93.7 140.5

77 79.3 33.4 50.0#

79 71.8 34.3 51.5#

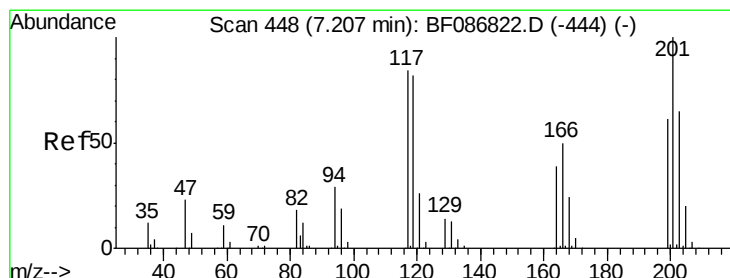
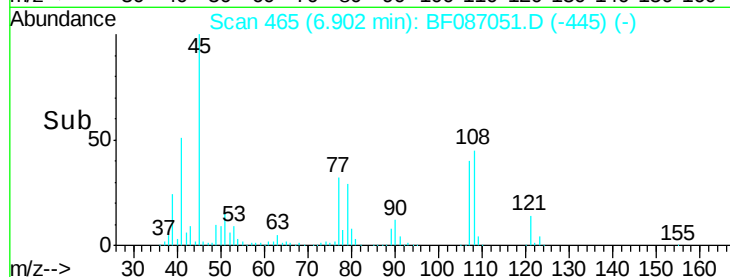
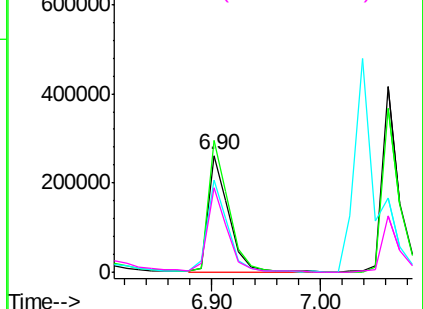


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.45 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.09 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

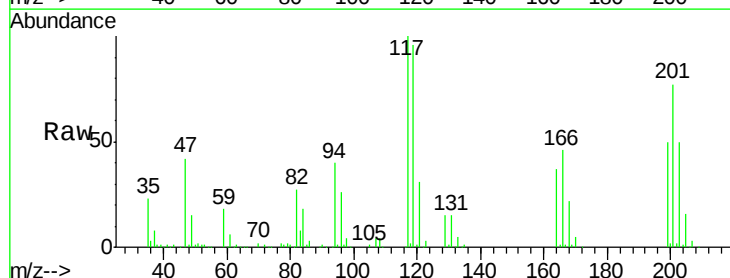
Tgt Ion:117 Resp: 181459

Ion Ratio Lower Upper

117 100

119 96.1 76.5 114.7

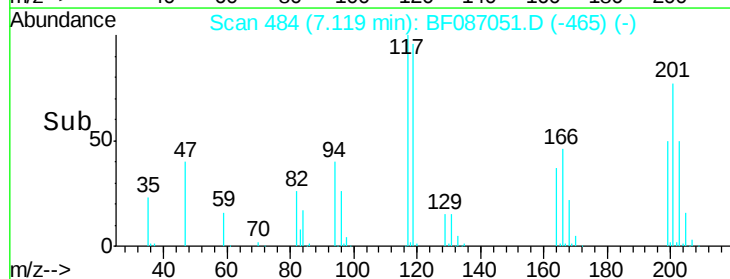
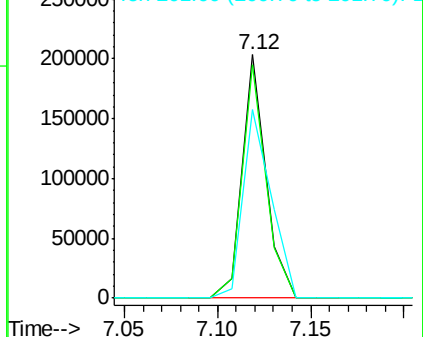
201 77.5 63.0 94.6

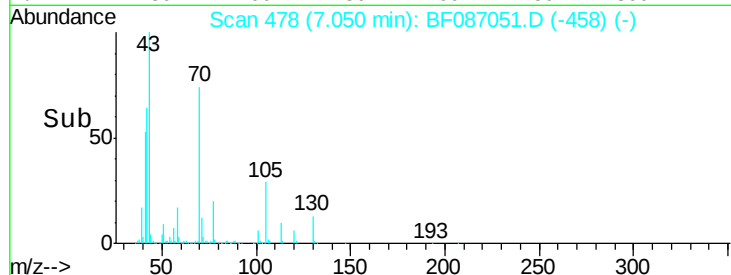
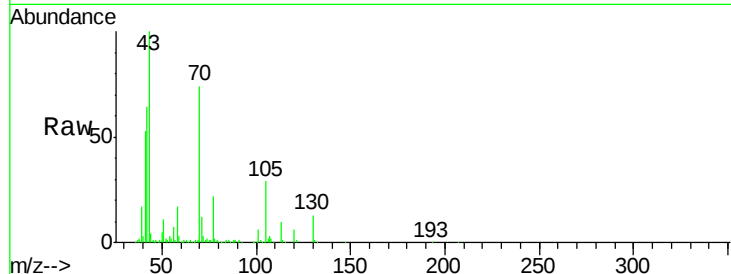
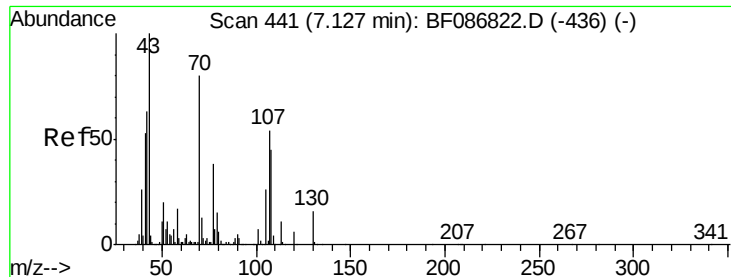


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

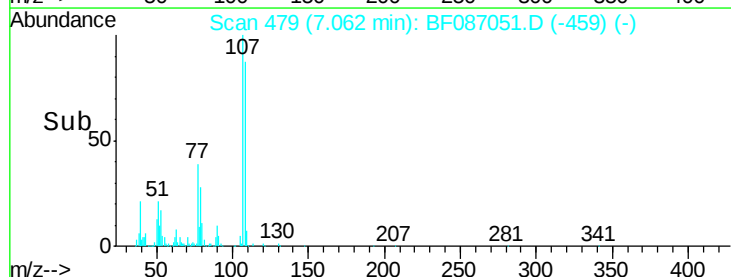
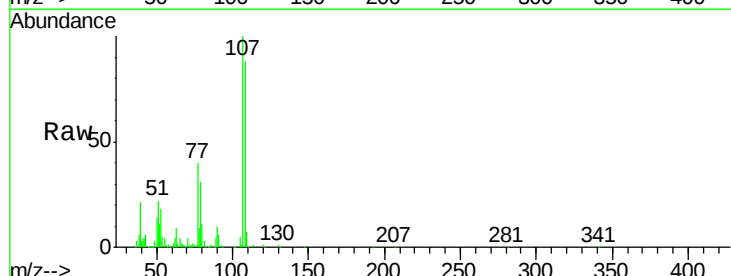
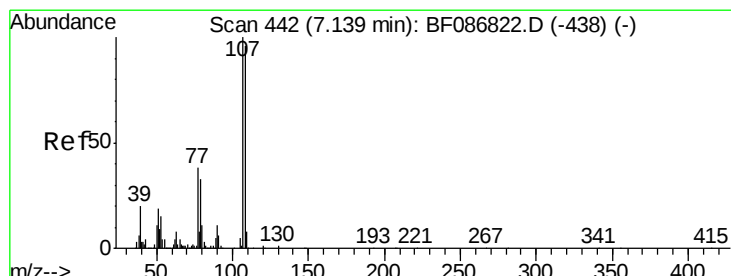
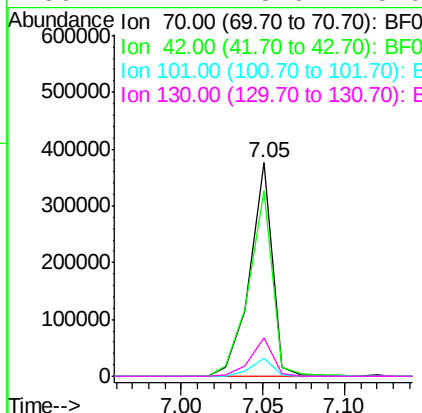




#19
n-Nitroso-di-n-propylamine
Concen: 42.22 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.08 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

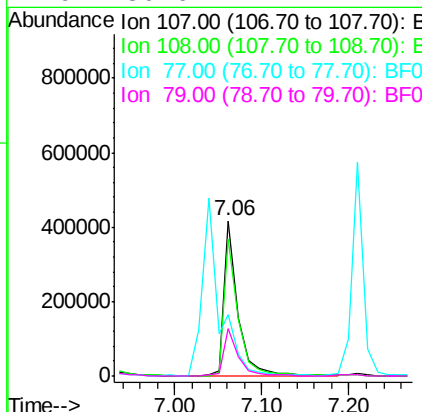
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

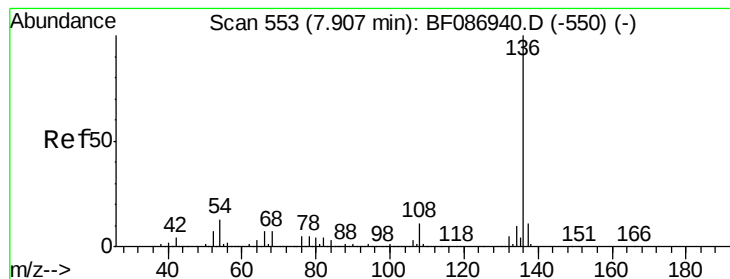
Tgt Ion:	70	Resp:	362036
Ion Ratio	Lower	Upper	
70	100		
42	86.9	43.1	64.7#
101	8.7	8.1	12.1
130	17.7	18.6	28.0#



#20
3+4-Methylphenols
Concen: 40.42 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.08 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

Tgt Ion:	107	Resp:	465374
Ion Ratio	Lower	Upper	
107	100		
108	88.4	68.5	108.5
77	39.9	101.6	141.6#
79	30.6	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 640001

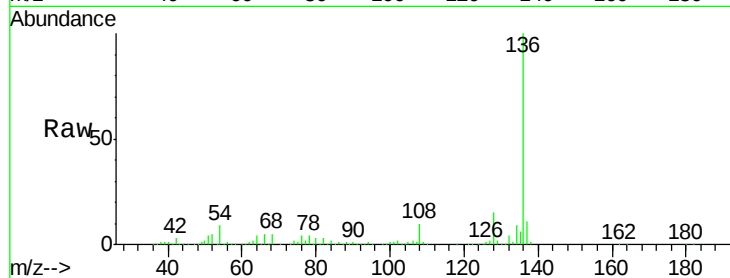
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.5 5.0 7.4#

68 4.7 4.4 6.6

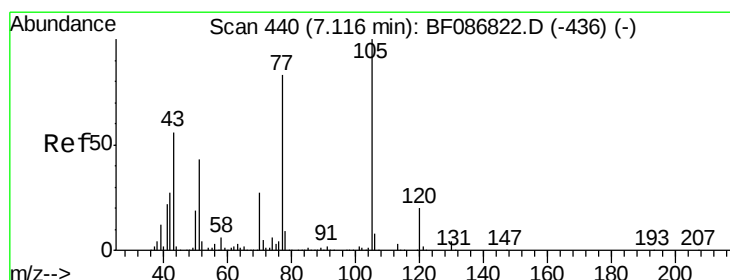
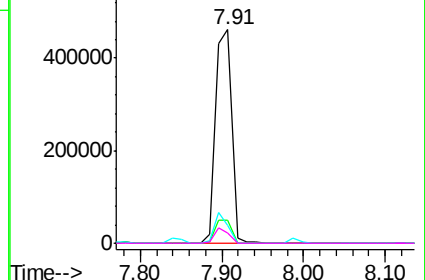
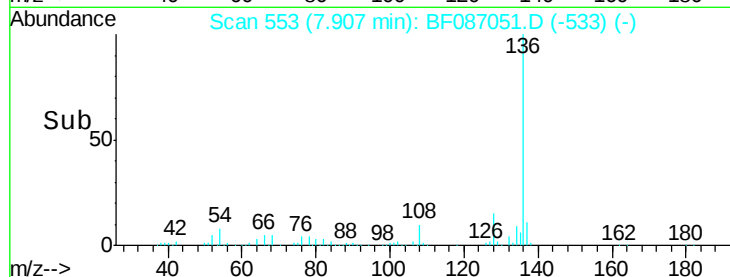


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.69 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Tgt Ion:105 Resp: 615038

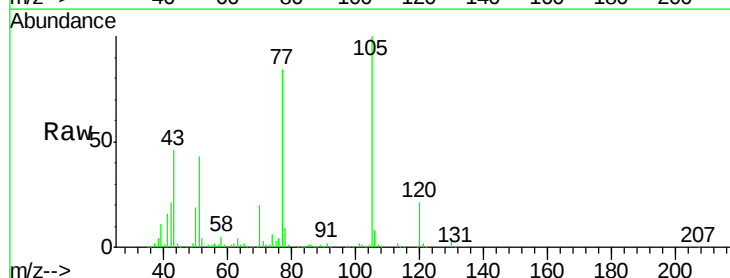
Ion Ratio Lower Upper

105 100

71 3.3 4.8 7.2#

51 42.5 32.6 49.0

120 20.7 16.5 24.7

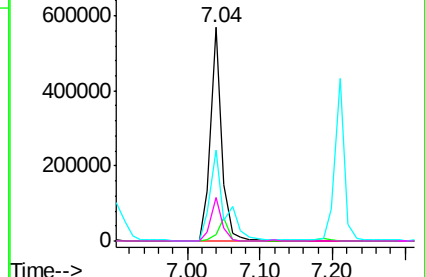
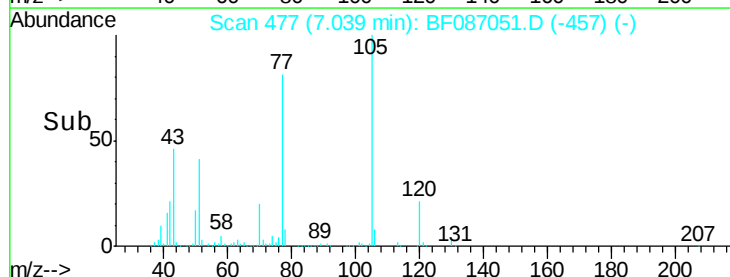


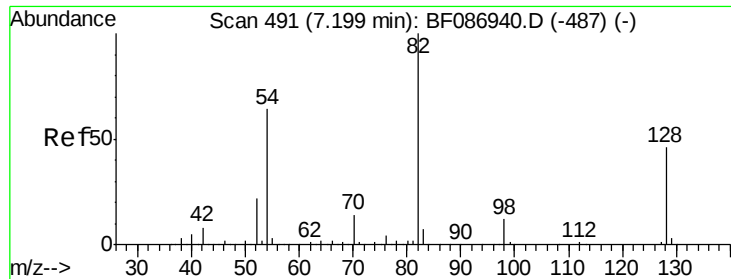
Abundance Ion 105.00 (104.70 to 105.70): E

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

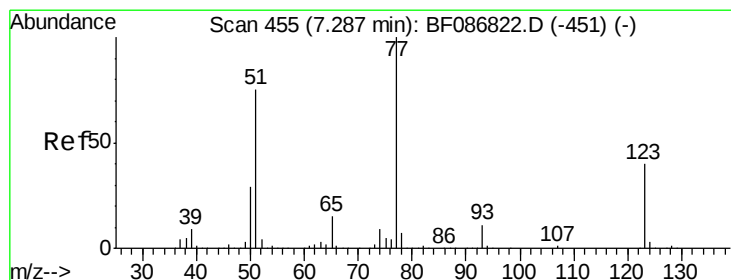
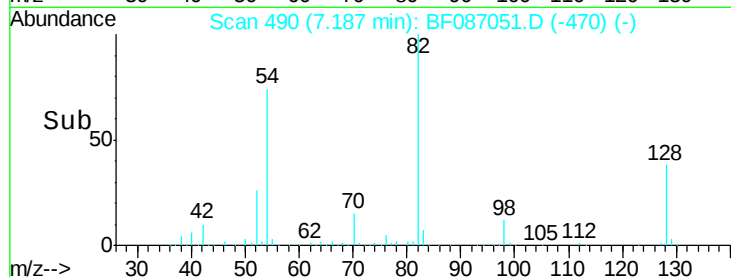
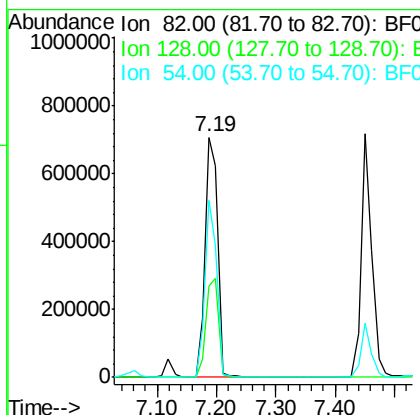
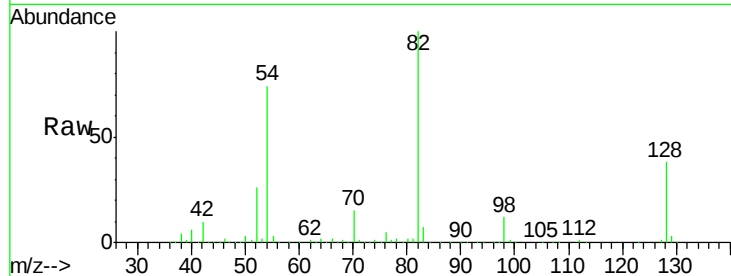




#23
 Nitrobenzene-d5
 Concen: 83.52 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

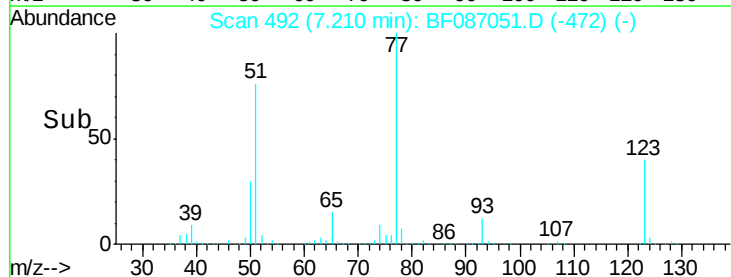
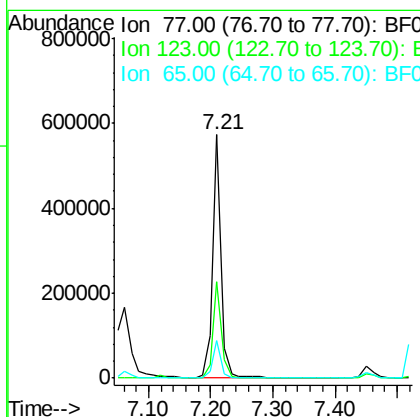
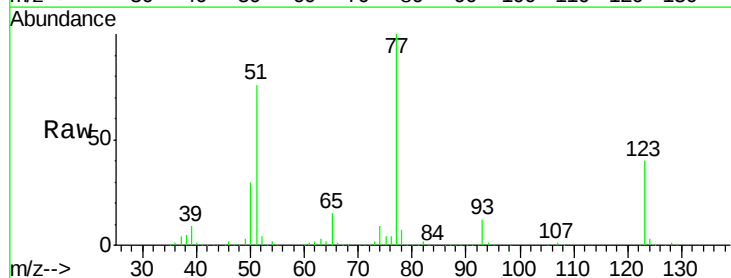
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

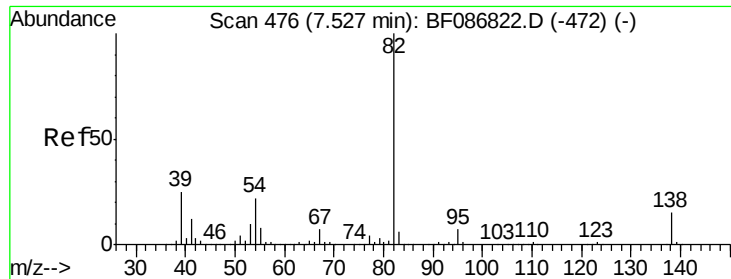
Tgt Ion: 82 Resp: 1064539
 Ion Ratio Lower Upper
 82 100
 128 37.9 40.6 61.0#
 54 73.8 38.1 57.1#



#24
 Nitrobenzene
 Concen: 40.65 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion: 77 Resp: 532975
 Ion Ratio Lower Upper
 77 100
 123 39.9 33.0 49.4
 65 15.4 10.8 16.2





#25

Isophorone

Concen: 37.49 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

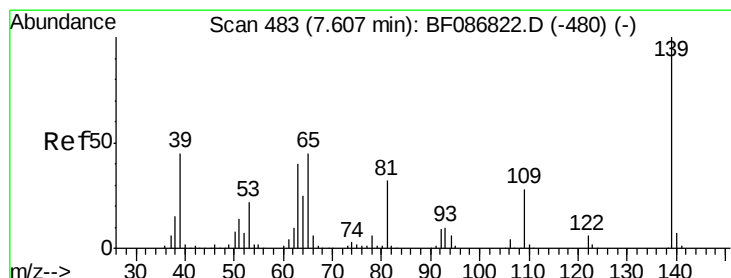
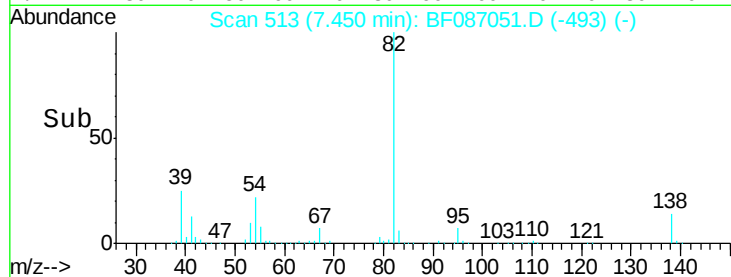
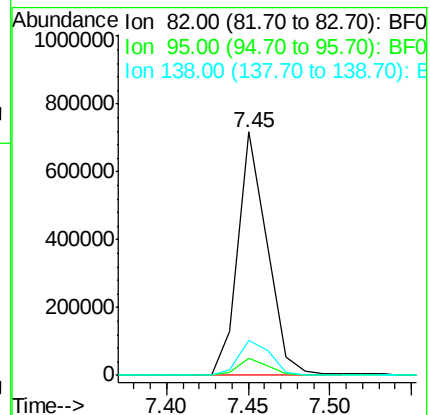
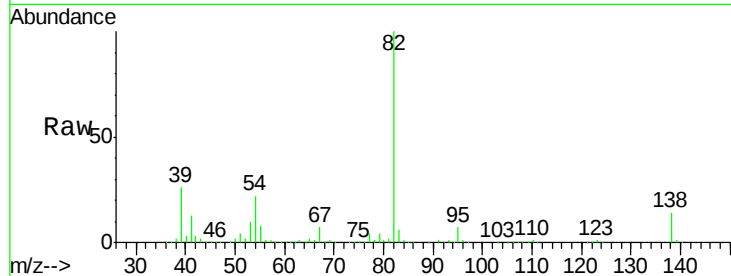
Tgt Ion: 82 Resp: 886525

Ion Ratio Lower Upper

82 100

95 7.1 5.1 7.7

138 14.3 12.4 18.6



#26

2-Nitrophenol

Concen: 41.56 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

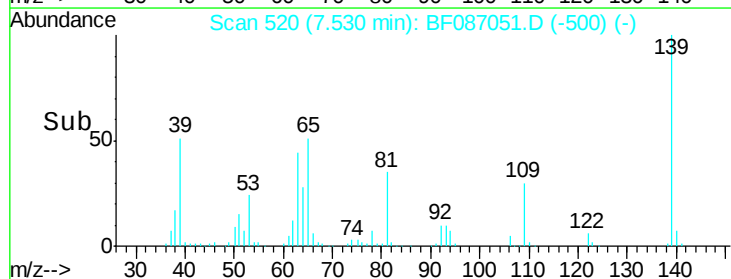
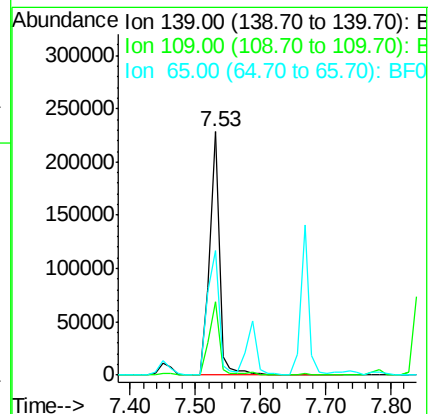
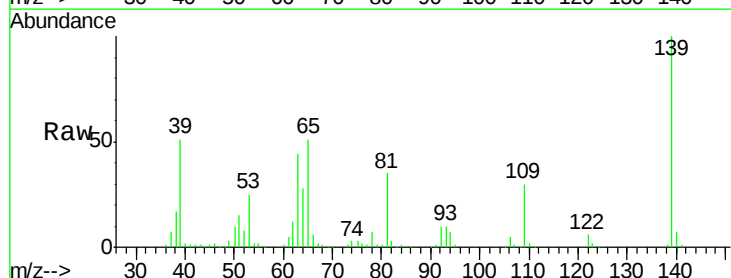
Tgt Ion: 139 Resp: 239539

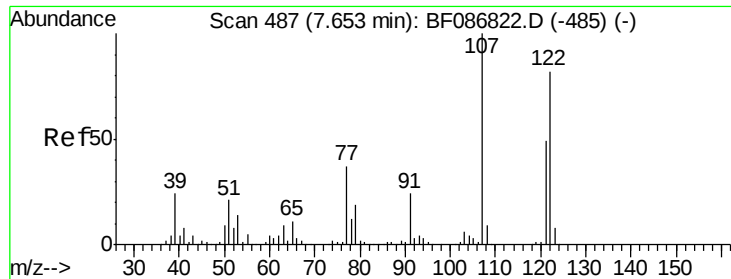
Ion Ratio Lower Upper

139 100

109 30.2 19.5 29.3#

65 51.0 37.5 56.3

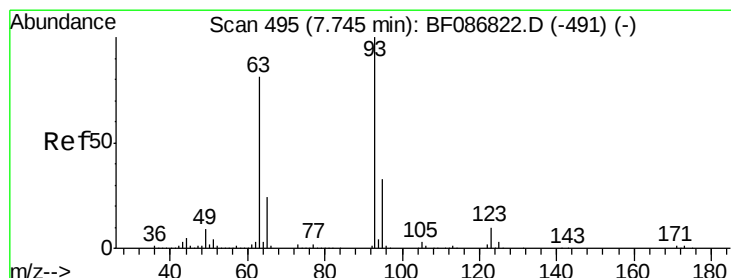
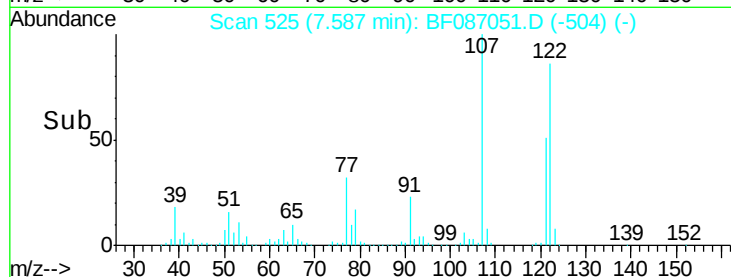
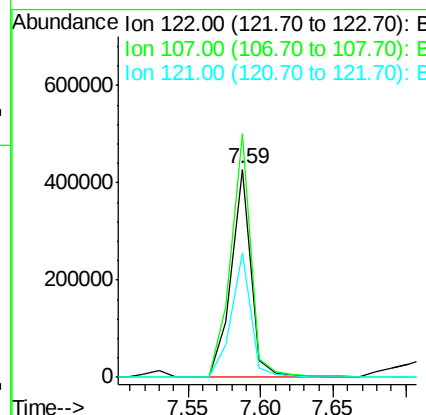
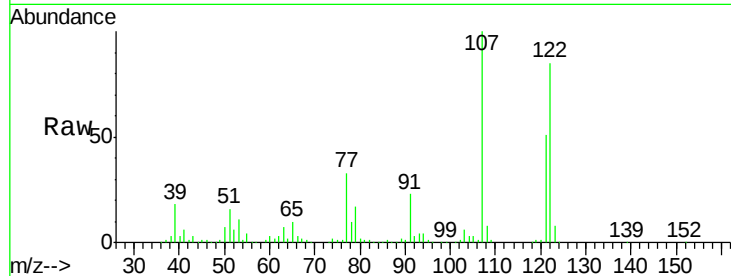




#27
 2,4-Dimethylphenol
 Concen: 41.43 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.07 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

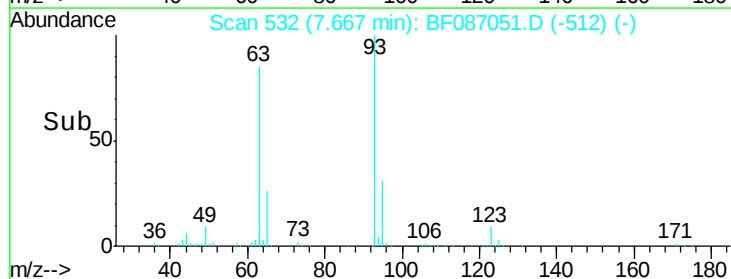
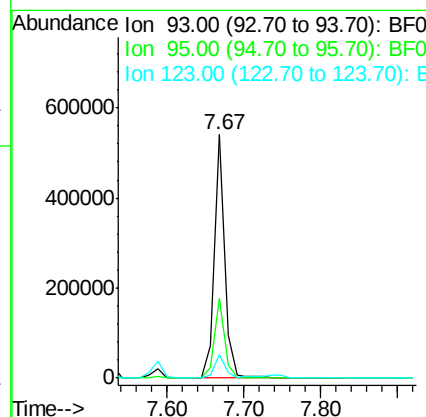
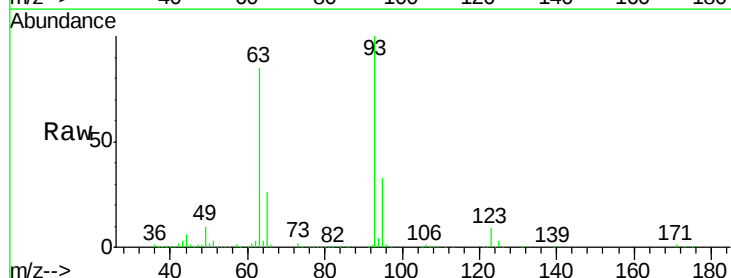
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

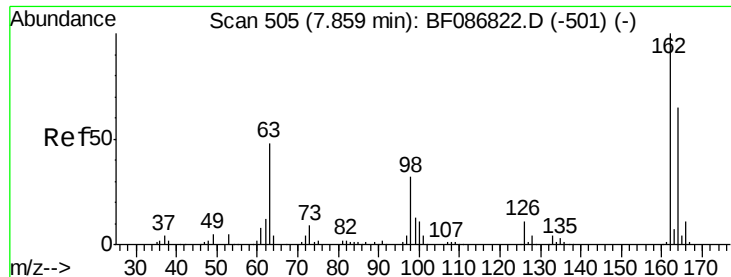
Tgt Ion: 122 Resp: 406755
 Ion Ratio Lower Upper
 122 100
 107 117.0 82.0 123.0
 121 59.8 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.32 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion: 93 Resp: 501542
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.0 39.0
 123 9.4 9.5 14.3#

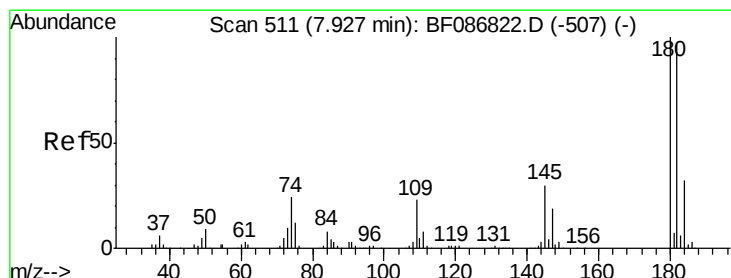
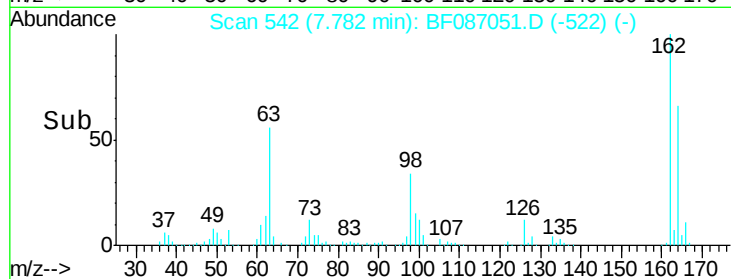
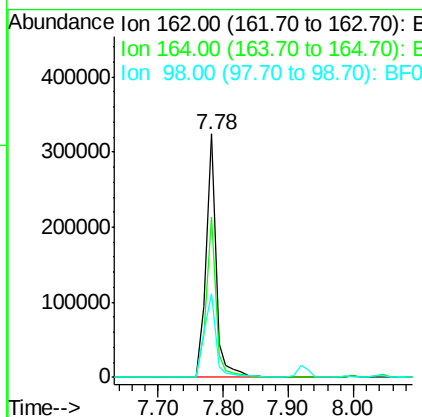
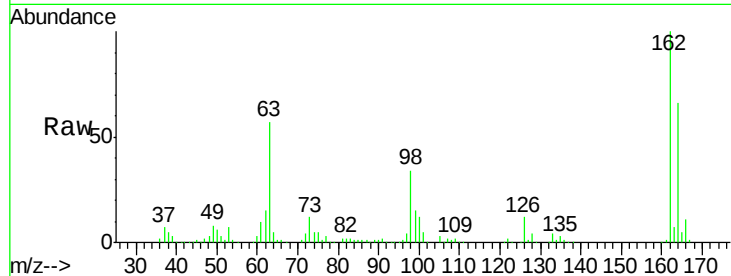




#29
 2,4-Dichlorophenol
 Concen: 40.11 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

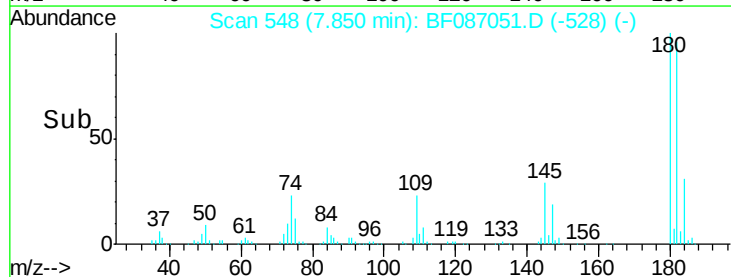
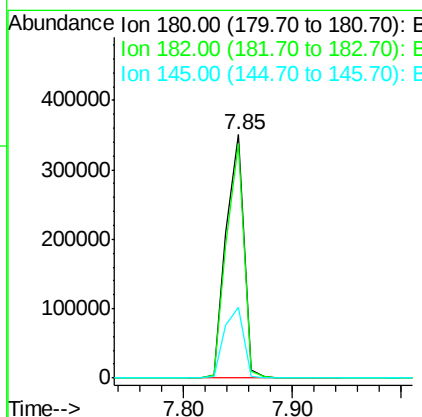
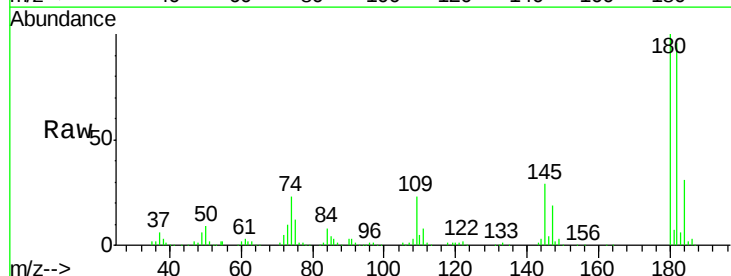
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

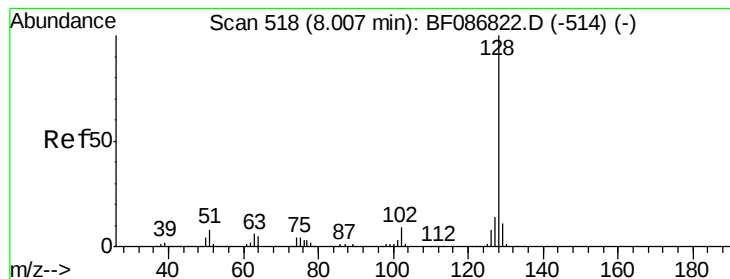
Tgt Ion:162 Resp: 346573
 Ion Ratio Lower Upper
 162 100
 164 66.1 42.2 82.2
 98 34.4 19.0 59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.20 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion:180 Resp: 398103
 Ion Ratio Lower Upper
 180 100
 182 96.2 78.0 117.0
 145 29.1 24.2 36.2





#31

Naphthalene

Concen: 38.01 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.09 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

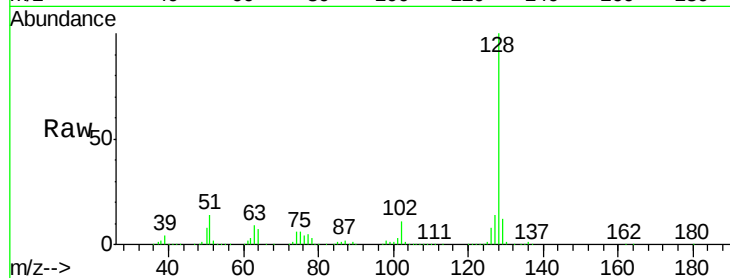
Tgt Ion:128 Resp: 1218547

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

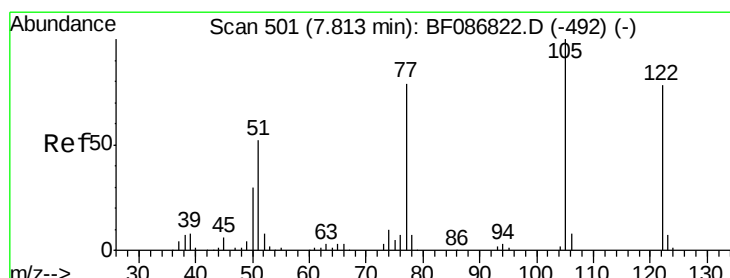
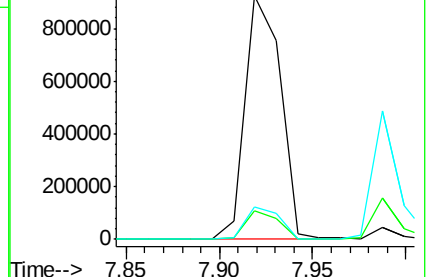
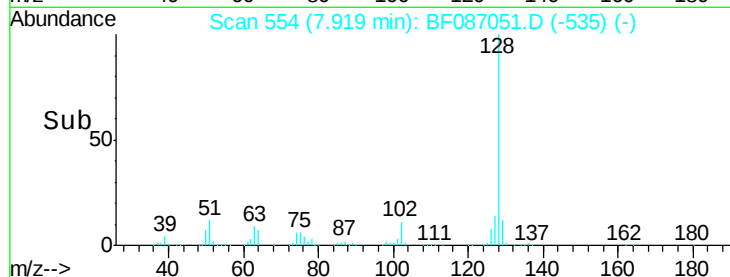
127 13.5 10.8 16.2



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: 34.41 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.07 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

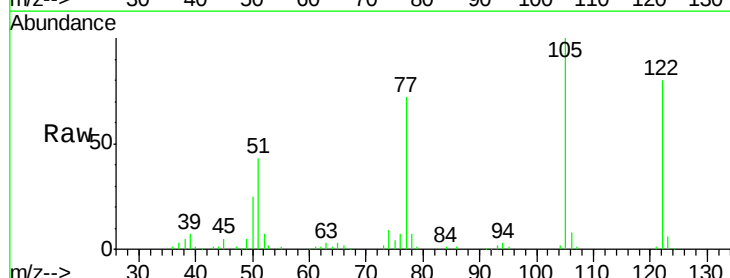
Tgt Ion:122 Resp: 198440

Ion Ratio Lower Upper

122 100

105 124.9 92.6 132.6

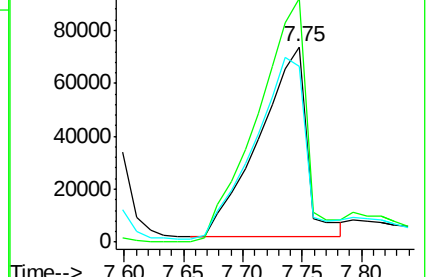
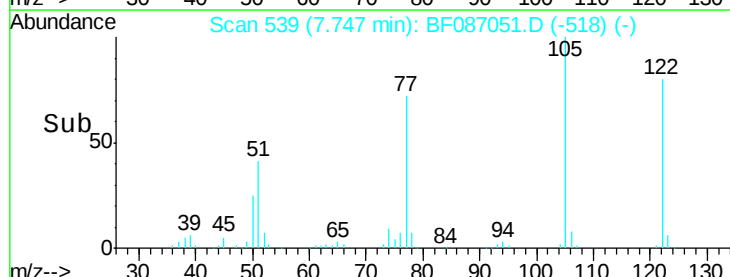
77 90.3 60.0 100.0

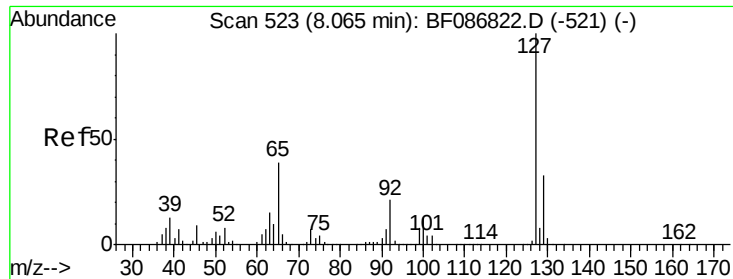


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

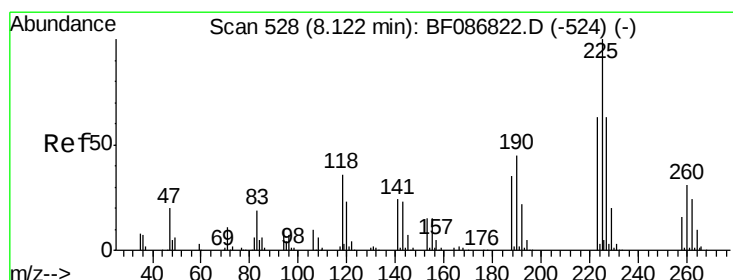
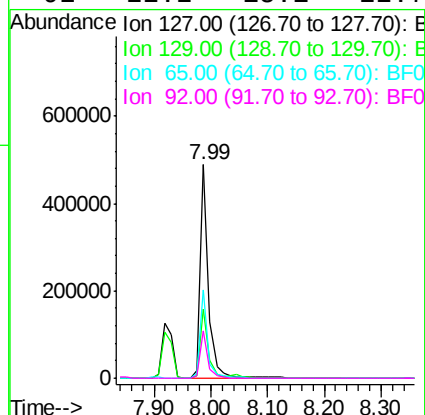
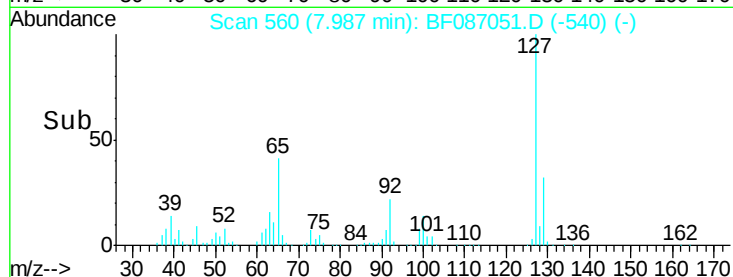
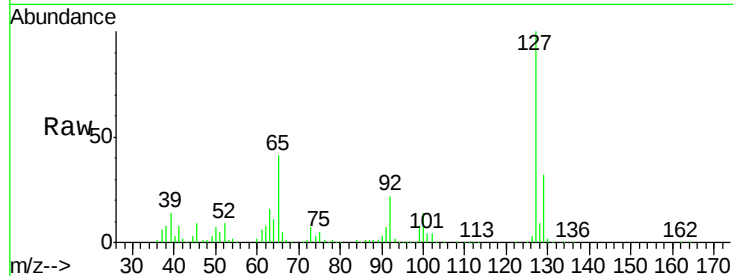




#33
4-Chloroaniline
Concen: 38.78 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.08 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

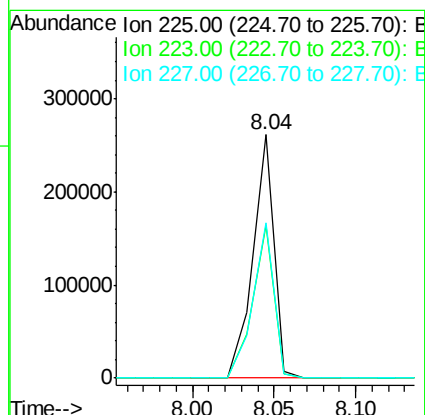
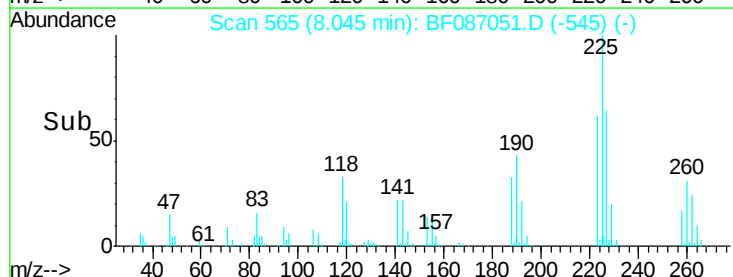
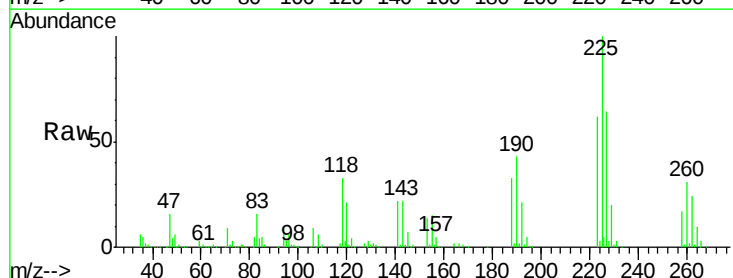
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

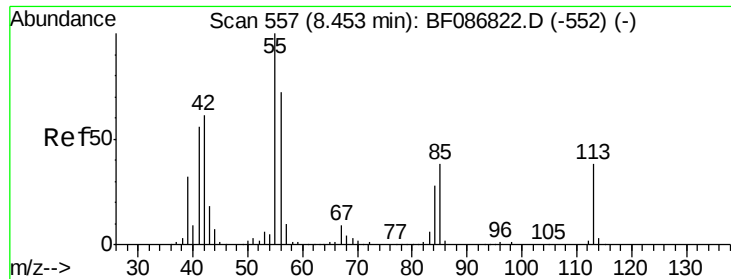
Tgt Ion:	127	Resp:	483012
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	41.2	23.0	34.4
92	22.2	15.1	22.7



#34
Hexachlorobutadiene
Concen: 41.76 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.08 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

Tgt Ion:	225	Resp:	234093
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.5	77.3
227	63.7	52.2	78.2

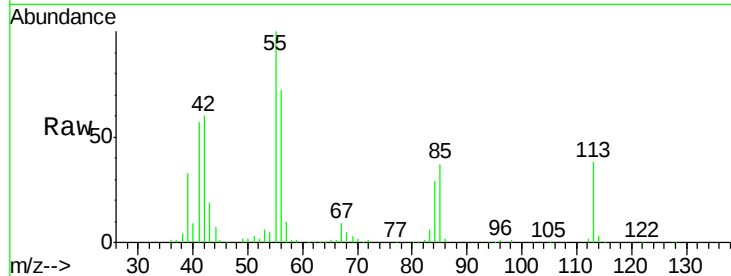




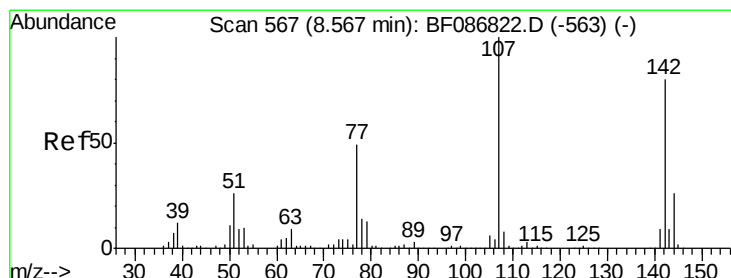
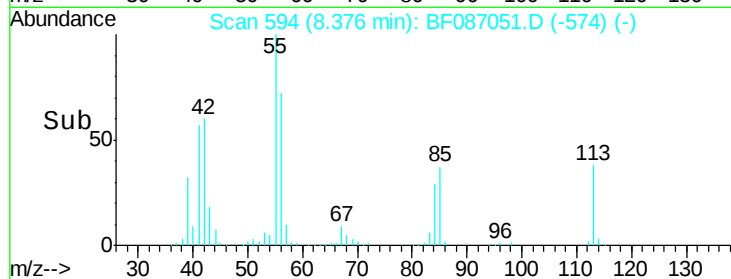
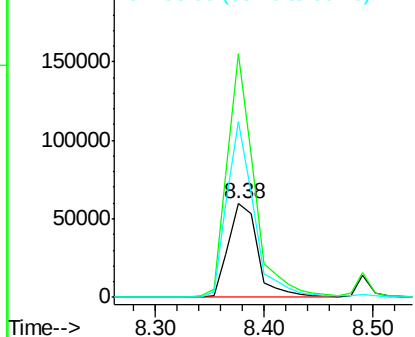
#35
 Caprolactam
 Concen: 38.19 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 112270
 Ion Ratio Lower Upper
 113 100
 55 259.8 162.0 202.0#
 56 187.6 115.3 155.3#

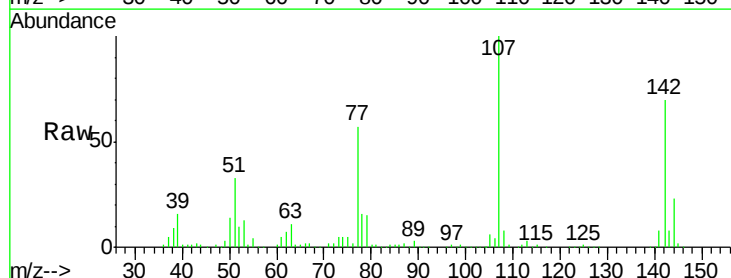


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

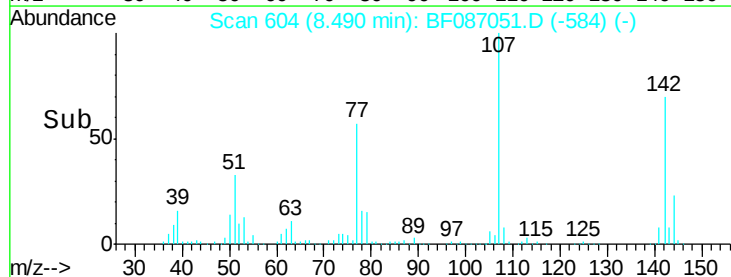
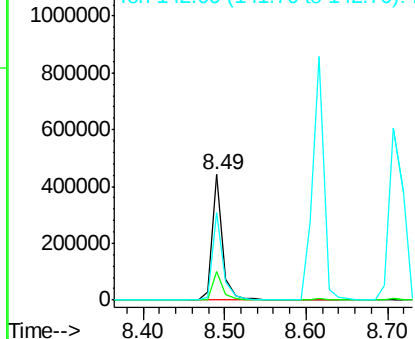


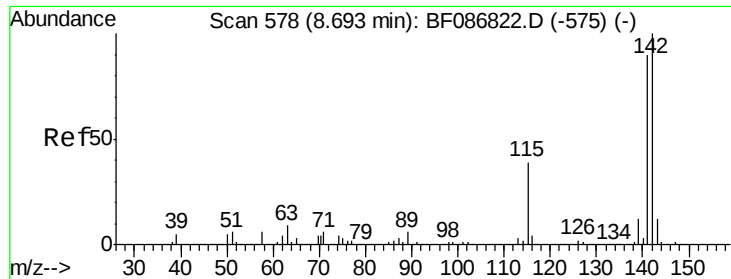
#36
 4-Chloro-3-methylphenol
 Concen: 38.26 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion:107 Resp: 400960
 Ion Ratio Lower Upper
 107 100
 144 22.8 20.7 31.1
 142 69.8 63.2 94.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

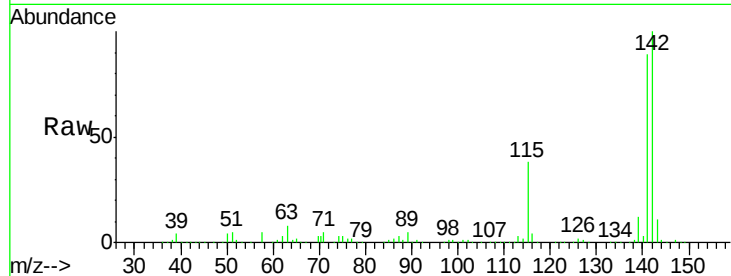




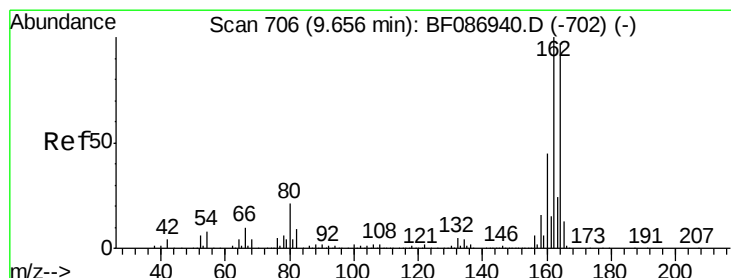
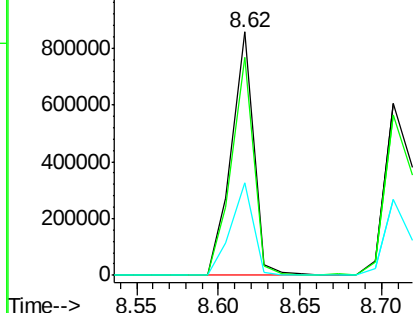
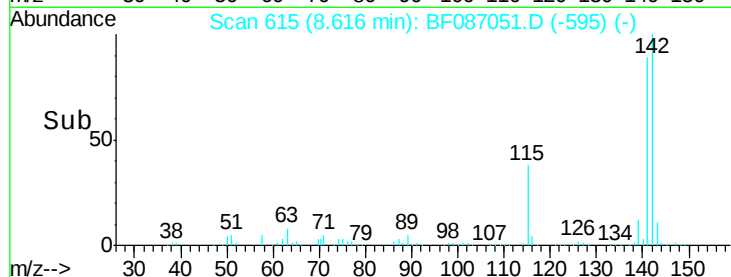
#37
 2-Methylnaphthalene
 Concen: 43.18 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 809291
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.0 106.6
 115 38.3 26.6 39.8

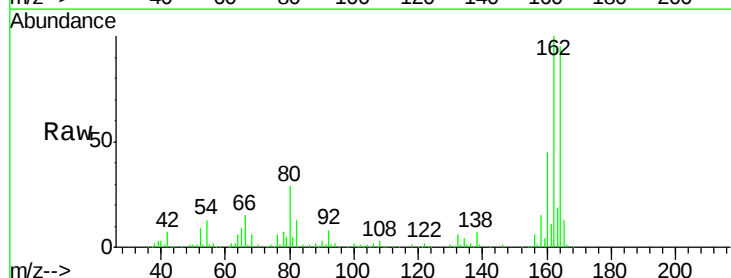


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

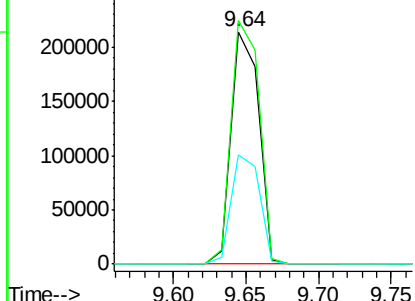
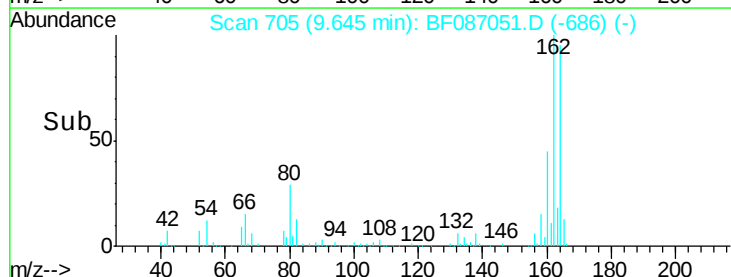


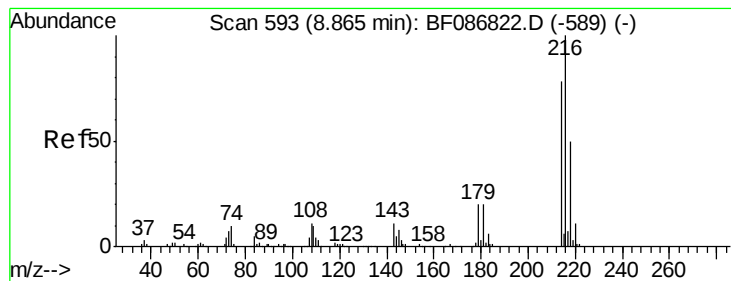
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.09 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion:164 Resp: 283992
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.8 124.2
 160 46.8 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.50 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.09 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 334434

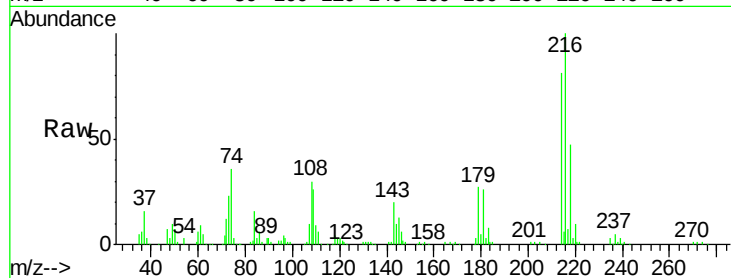
Ion Ratio Lower Upper

216 100

214 79.2 62.6 93.8

179 23.6 18.2 27.4

108 23.6 17.5 26.3

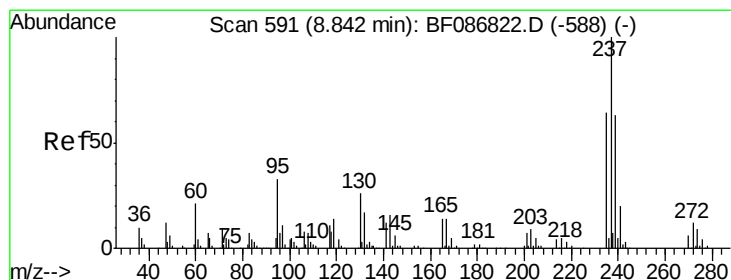
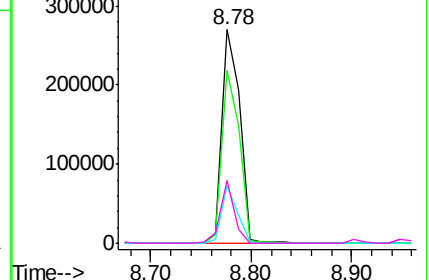
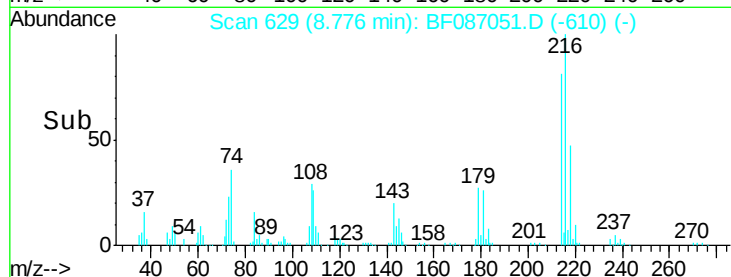


Abundance Ion 216.00 (215.70 to 216.70): E

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: 30.88 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

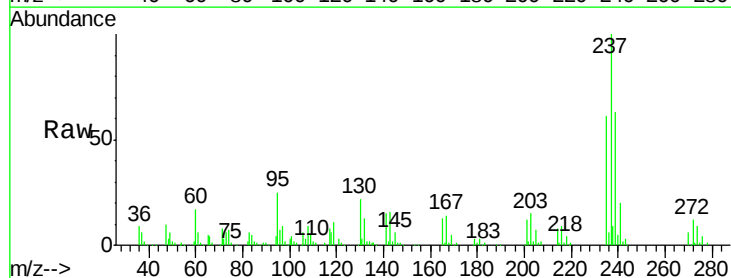
Tgt Ion:237 Resp: 121026

Ion Ratio Lower Upper

237 100

235 61.1 47.2 87.2

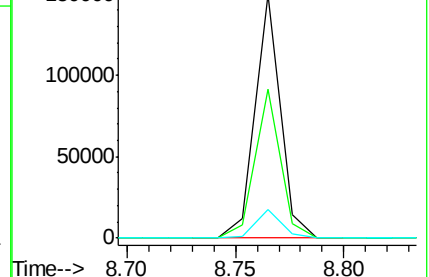
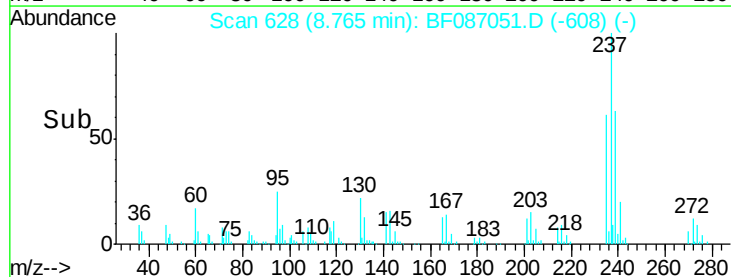
272 11.9 0.0 31.1

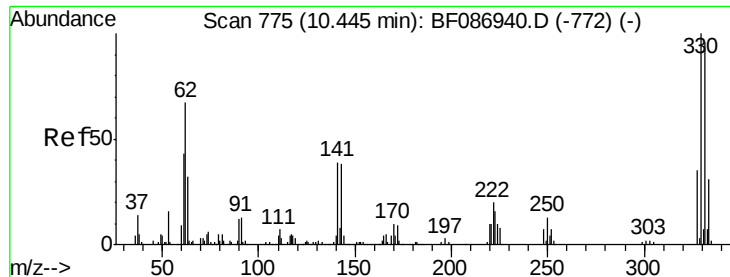


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

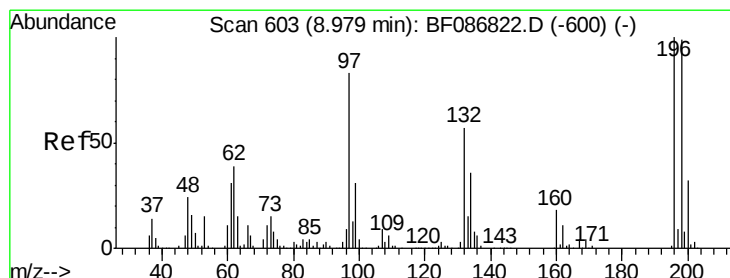
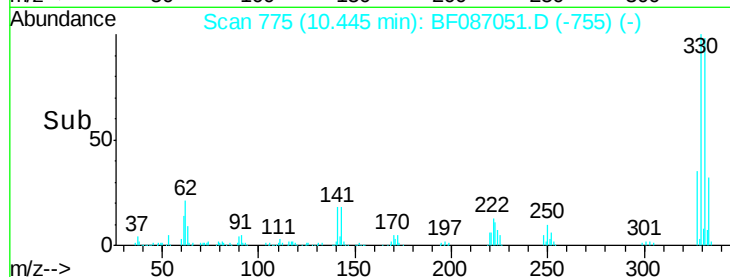
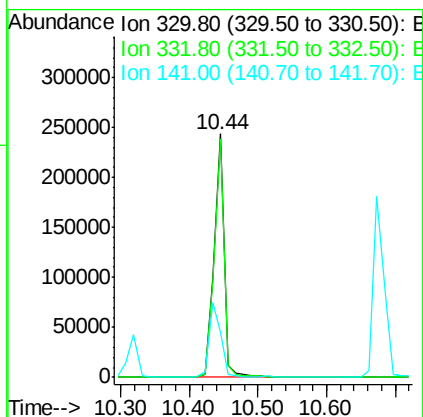
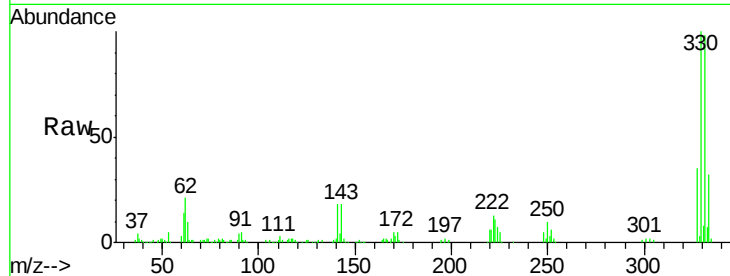




#41
 2,4,6-Tribromophenol
 Concen: 84.91 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

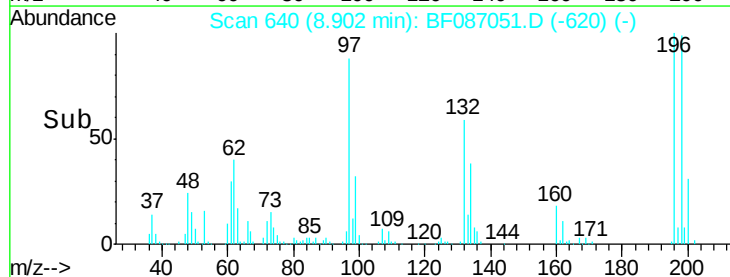
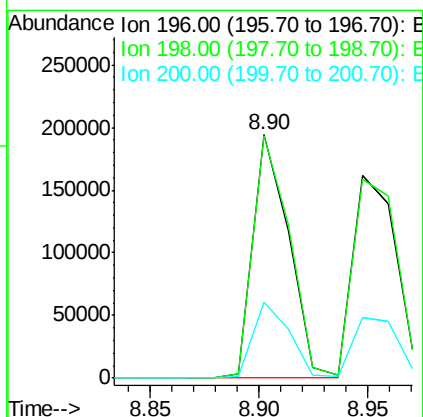
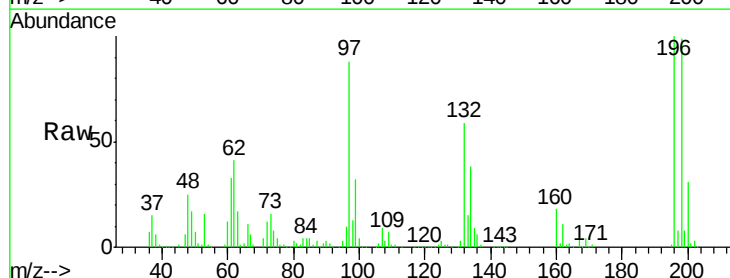
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

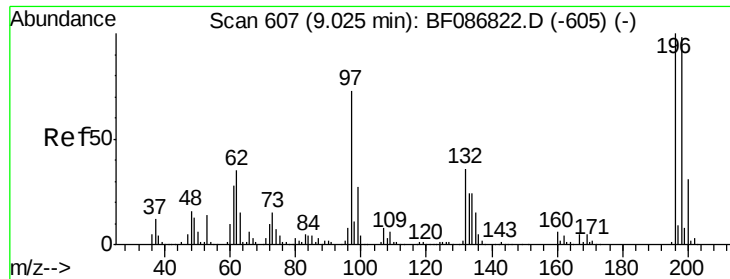
Tgt Ion:330 Resp: 255274
 Ion Ratio Lower Upper
 330 100
 332 97.4 79.0 118.4
 141 34.8 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 40.63 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion:196 Resp: 224317
 Ion Ratio Lower Upper
 196 100
 198 99.5 74.7 112.1
 200 31.1 23.8 35.6

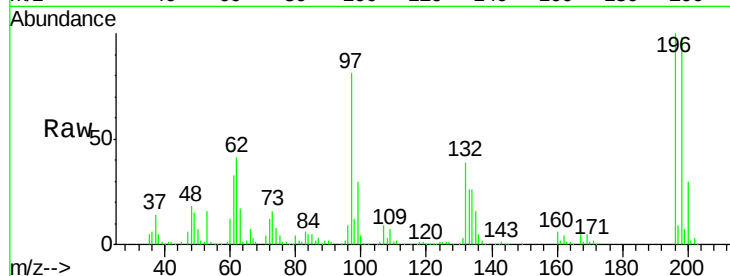




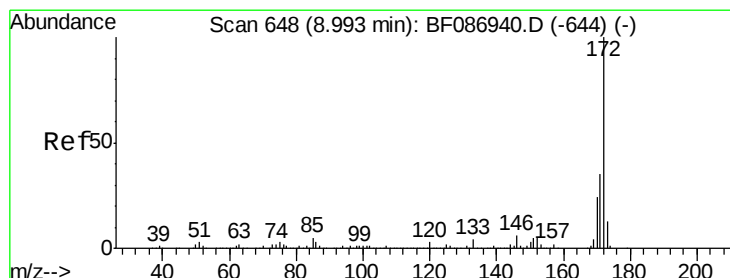
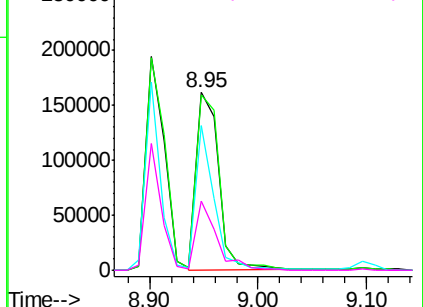
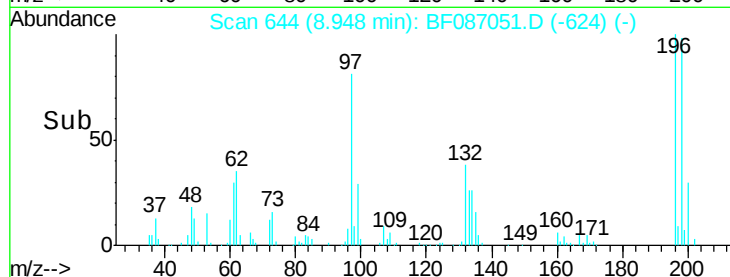
#43
 2,4,5-Trichlorophenol
 Concen: 41.03 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 234306
 Ion Ratio Lower Upper
 196 100
 198 98.3 77.5 116.3
 97 81.2 34.8 52.2#
 132 38.6 23.0 34.4#

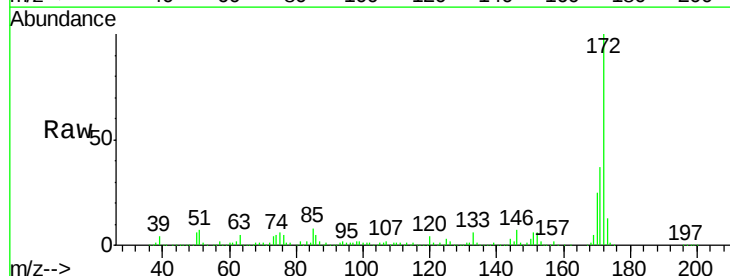


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

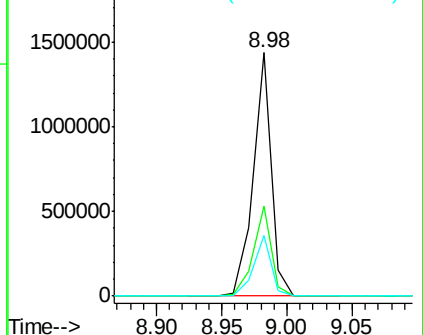
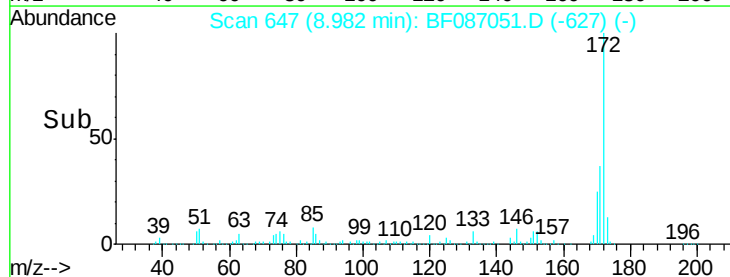


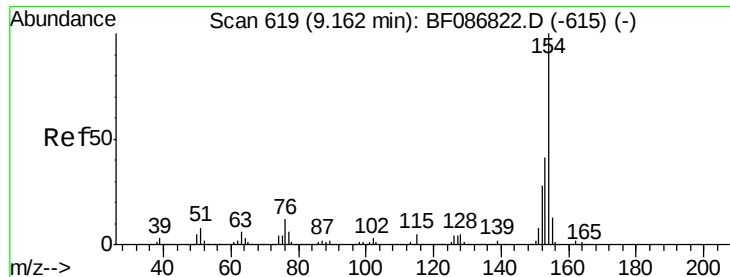
#44
 2-Fluorobiphenyl
 Concen: 82.17 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion:172 Resp: 1388484
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 24.9 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

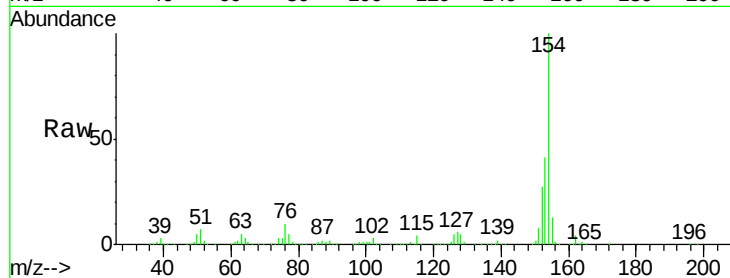




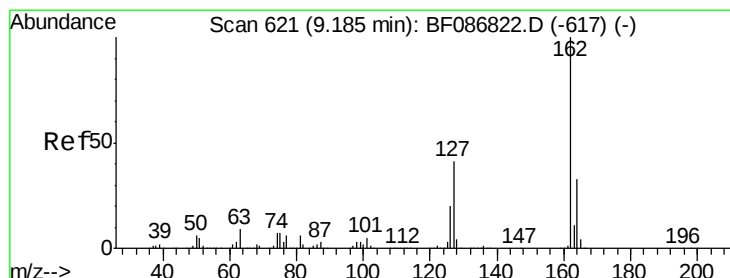
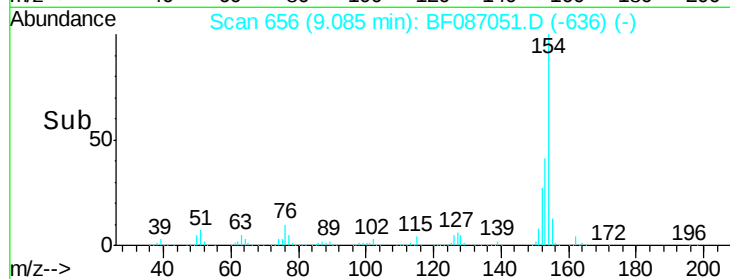
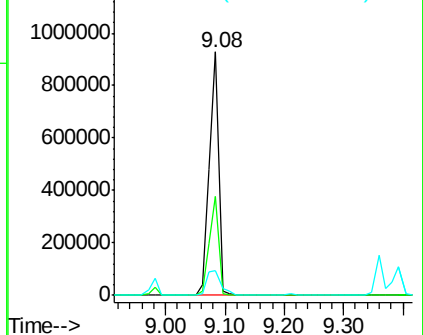
#45
 1,1'-Biphenyl
 Concen: 45.10 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 1018788
 Ion Ratio Lower Upper
 154 100
 153 40.6 20.3 60.3
 76 10.2 0.0 30.2

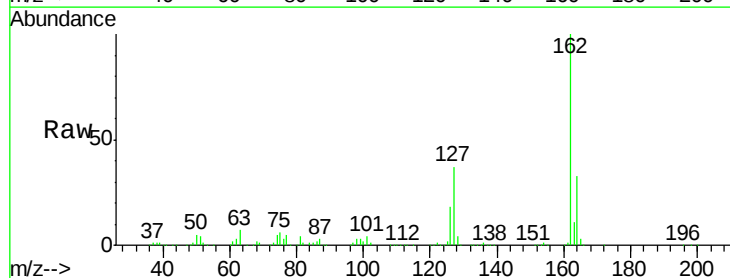


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

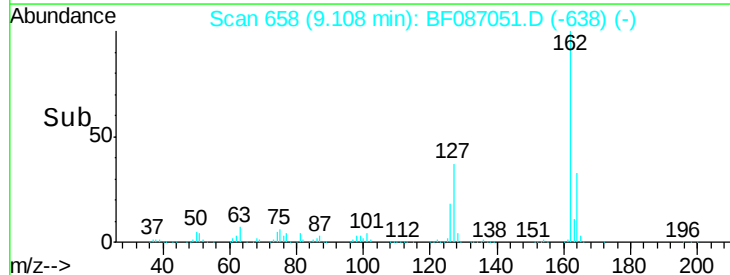
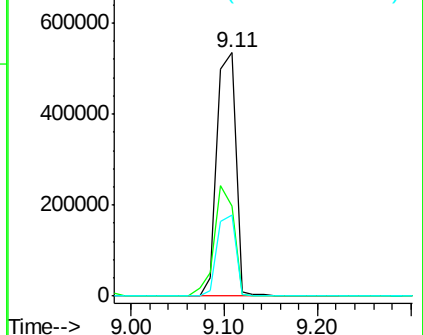


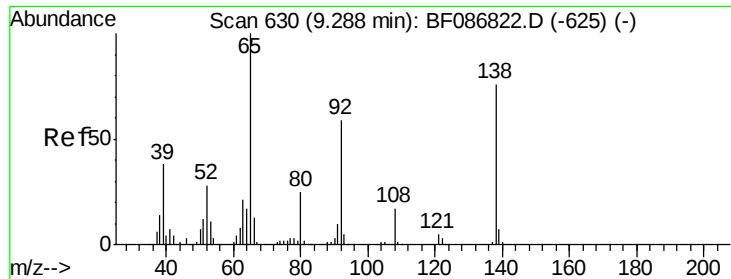
#46
 2-Chloronaphthalene
 Concen: 42.49 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion:162 Resp: 751963
 Ion Ratio Lower Upper
 162 100
 127 37.1 31.8 47.6
 164 33.2 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

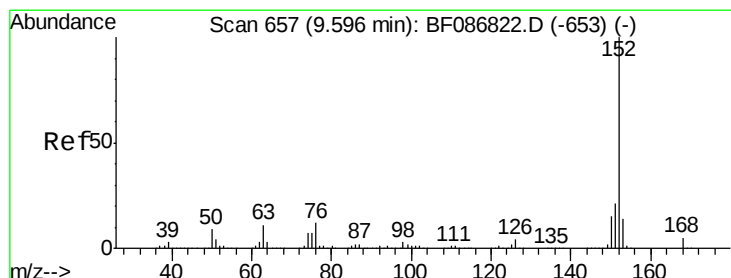
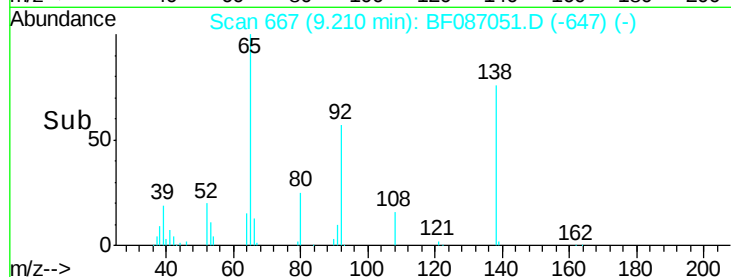
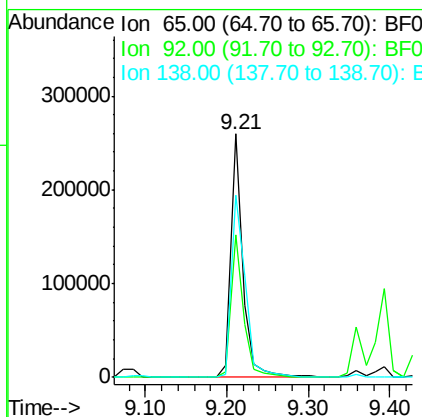
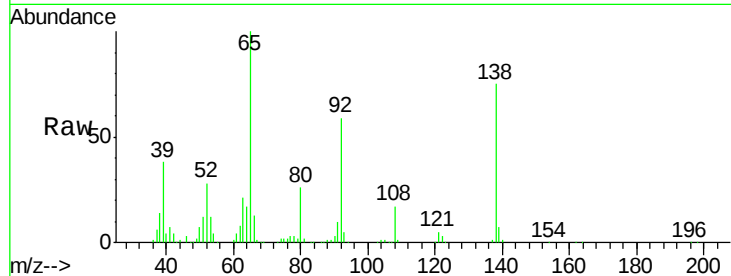




#47
 2-Nitroaniline
 Concen: 40.90 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

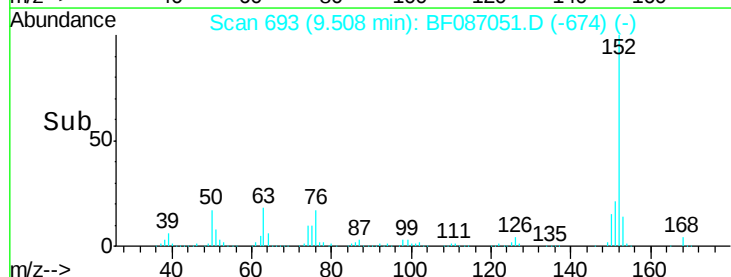
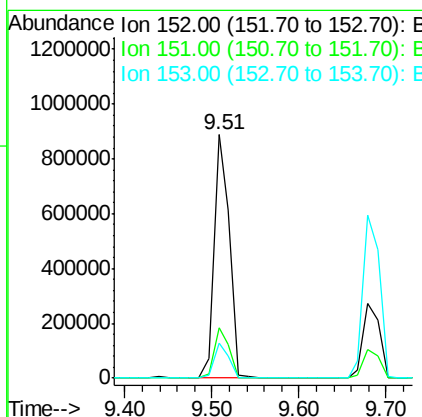
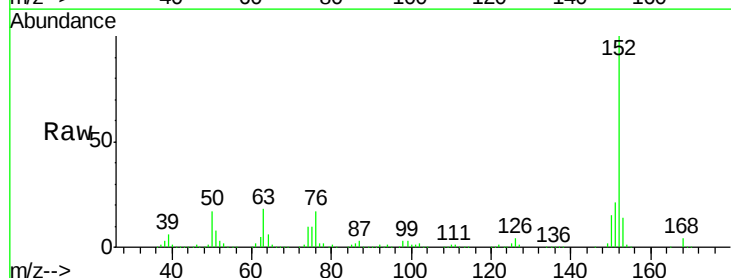
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

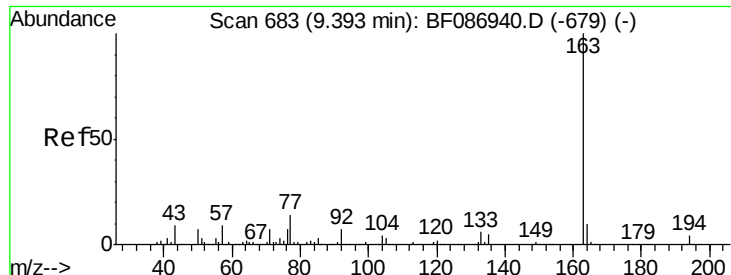
Tgt Ion: 65 Resp: 264566
 Ion Ratio Lower Upper
 65 100
 92 58.5 57.4 86.2
 138 74.9 90.1 135.1#



#48
 Acenaphthylene
 Concen: 42.12 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.09 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion: 152 Resp: 1096334
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 14.3 10.9 16.3





#49

Dimethylphthalate

Concen: 40.58 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

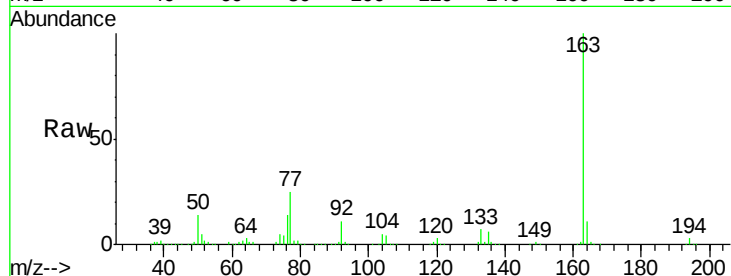
Tgt Ion:163 Resp: 879287

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

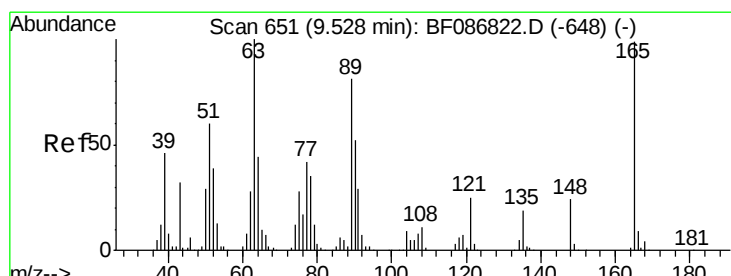
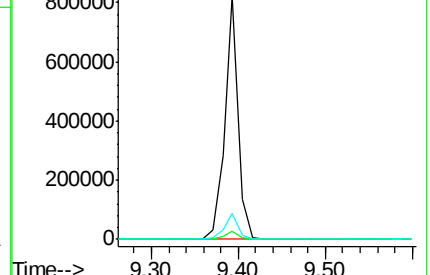
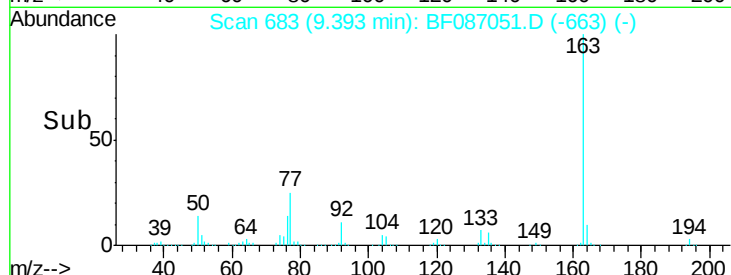
164 10.5 8.2 12.4



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: 42.37 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.07 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

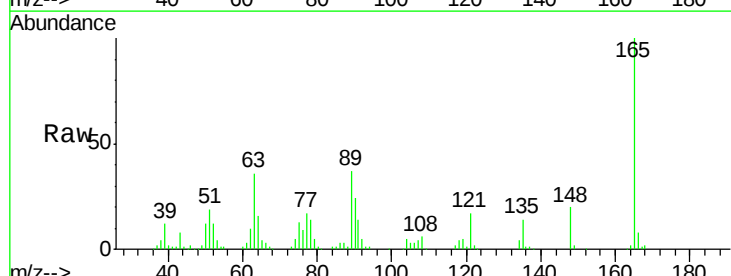
Tgt Ion:165 Resp: 193215

Ion Ratio Lower Upper

165 100

63 36.0 51.8 77.8#

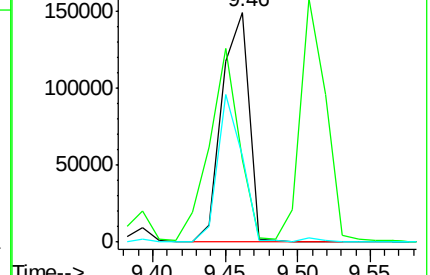
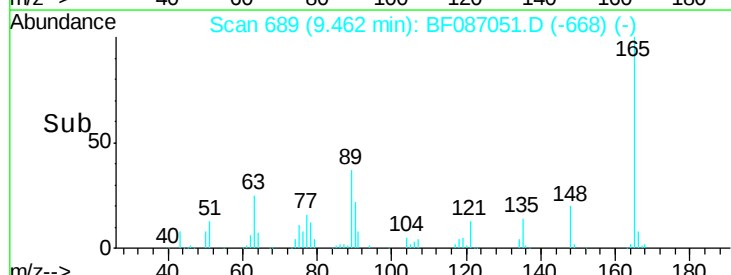
89 37.3 50.7 76.1#

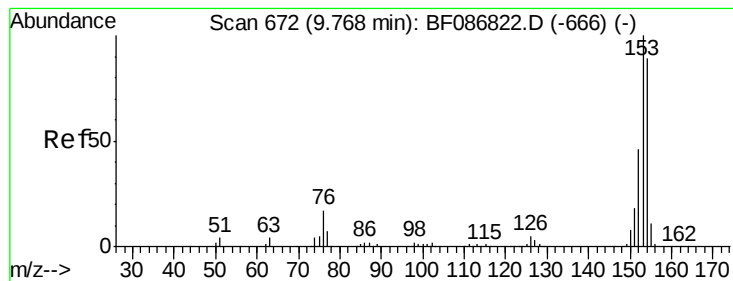


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.34 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.09 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

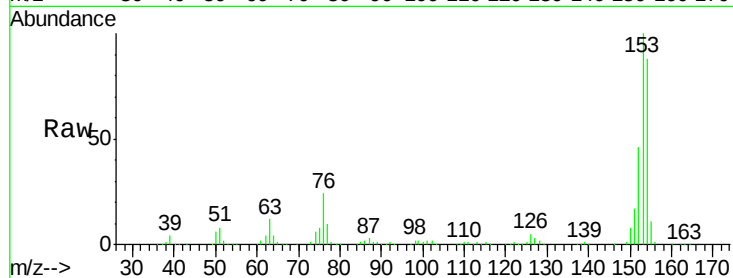
Tgt Ion:154 Resp: 685681

Ion Ratio Lower Upper

154 100

153 113.4 89.8 134.6

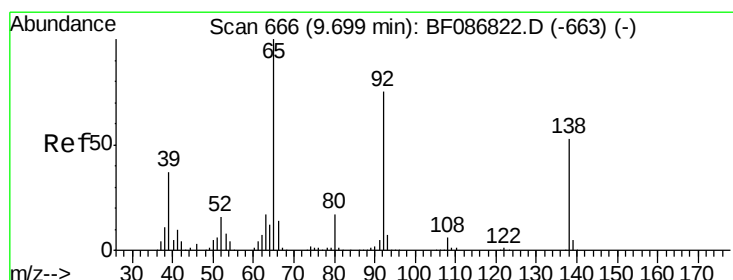
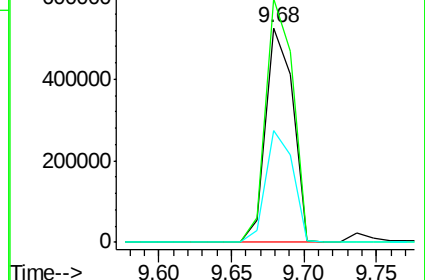
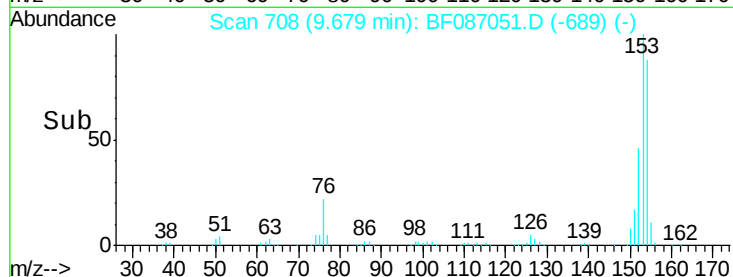
152 52.1 43.4 65.0



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: 40.69 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

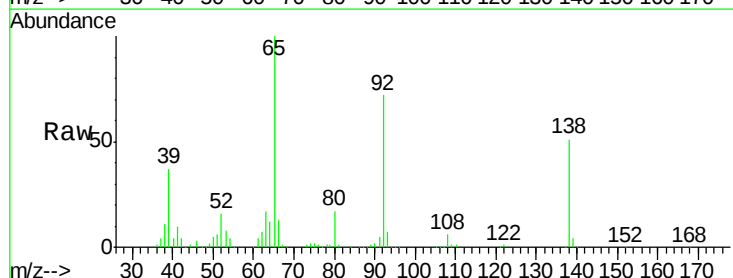
Tgt Ion:138 Resp: 195307

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.6

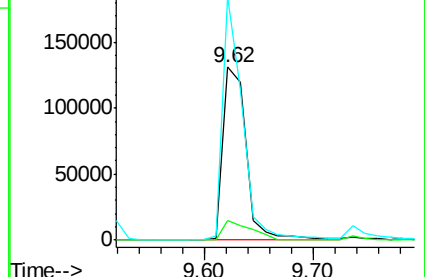
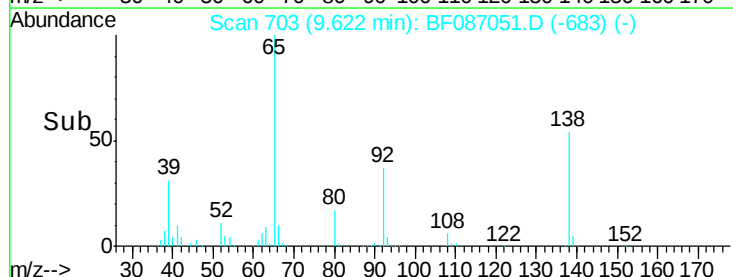
92 141.0 87.8 131.8#

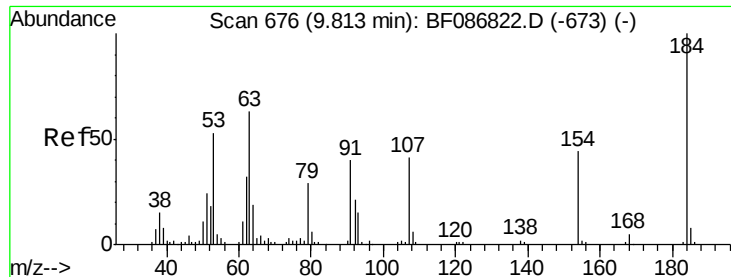


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

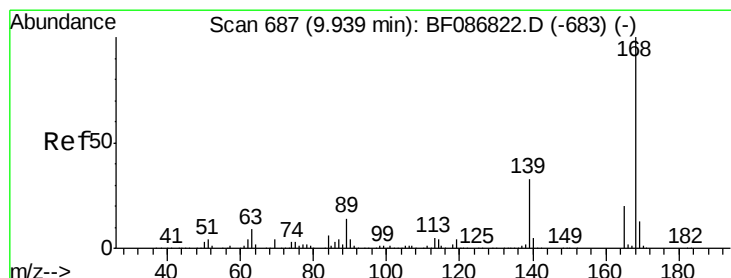
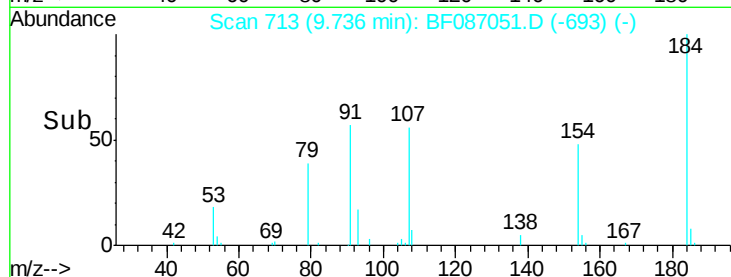
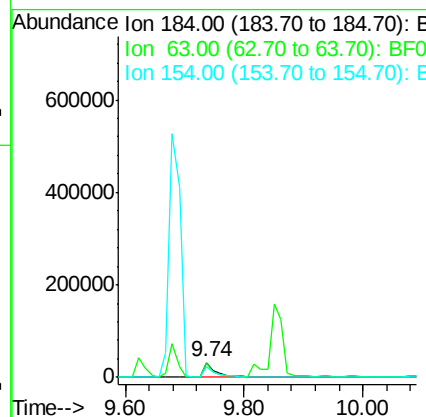
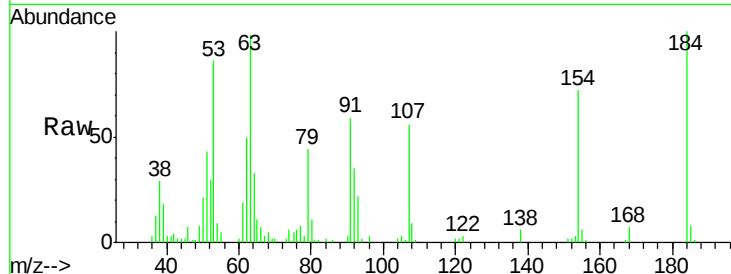




#53
 2,4-Dinitrophenol
 Concen: 28.31 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

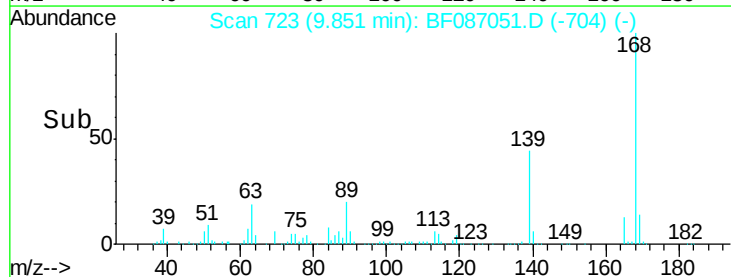
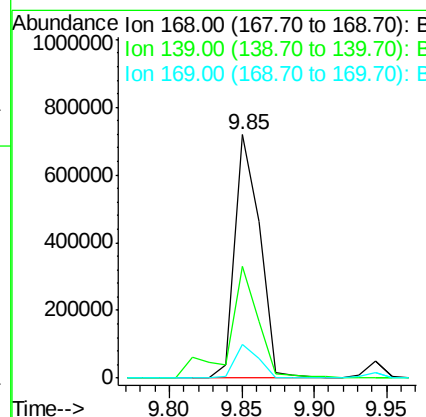
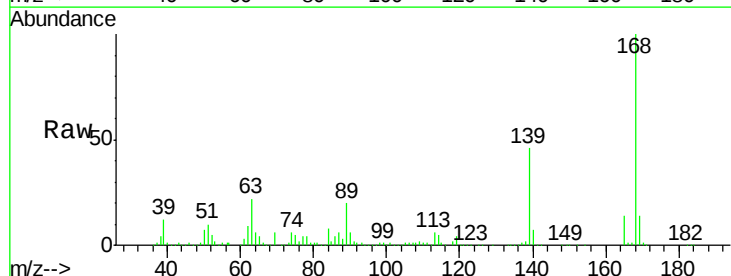
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

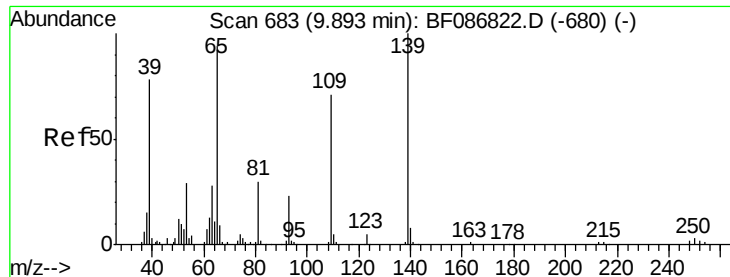
Tgt Ion:184 Resp: 53148
 Ion Ratio Lower Upper
 184 100
 63 98.5 55.8 83.8#
 154 72.0 62.4 93.6



#54
 Dibenzofuran
 Concen: 41.31 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.09 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion:168 Resp: 858740
 Ion Ratio Lower Upper
 168 100
 139 45.8 31.4 47.0
 169 14.0 10.7 16.1

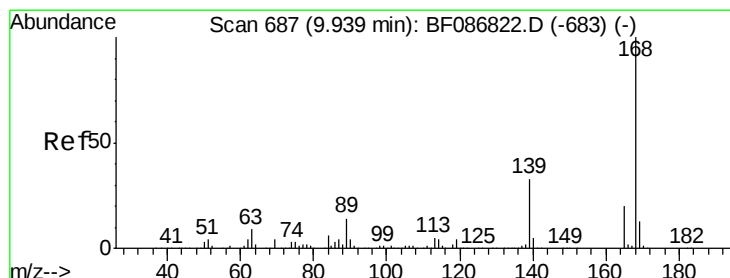
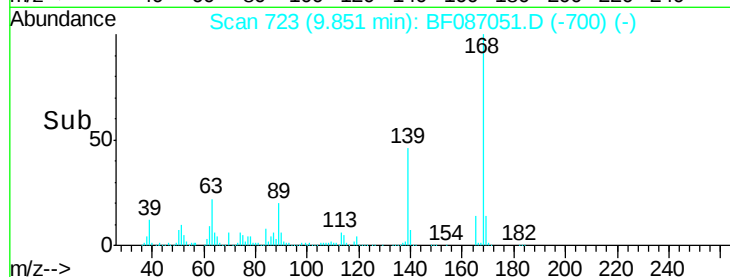
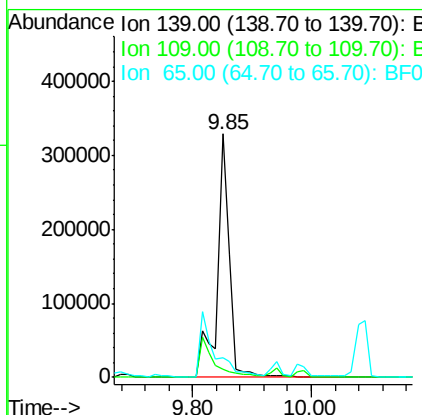
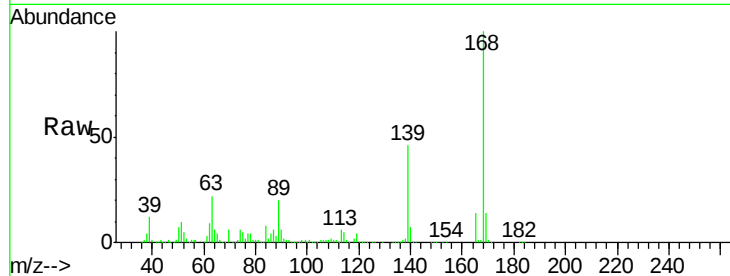




#55
4-Nitrophenol
Concen: 143.96 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.04 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

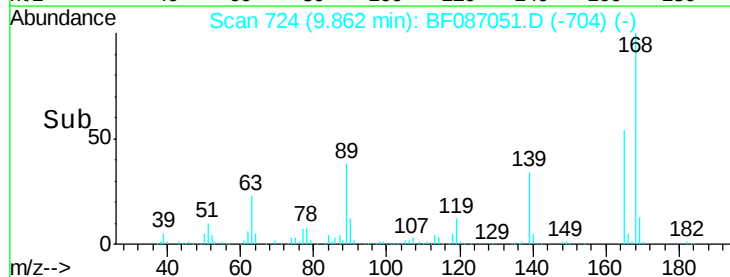
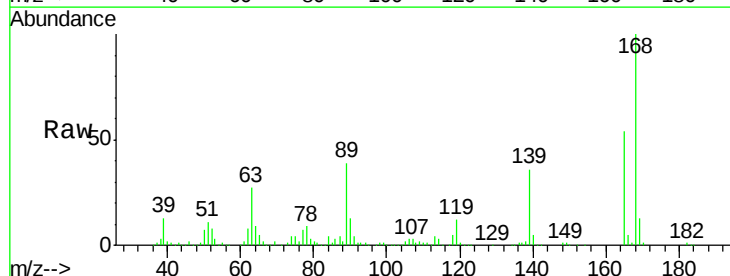
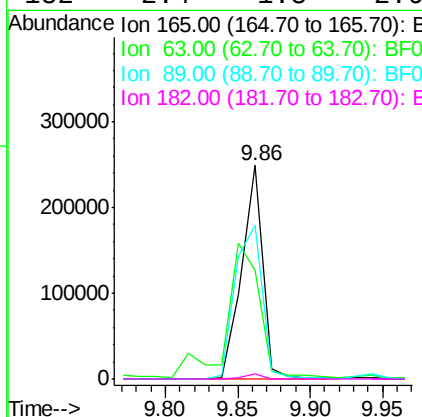
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

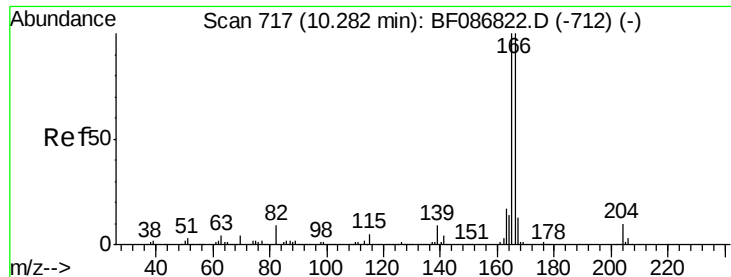
Tgt Ion	Ratio	Lower	Upper
139	100		
109	3.3	36.9	76.9#
65	8.2	64.0	104.0#



#56
2,4-Dinitrotoluene
Concen: 44.73 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.08 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.8	44.3	66.5
89	71.8	70.0	105.0
182	2.4	1.8	2.6

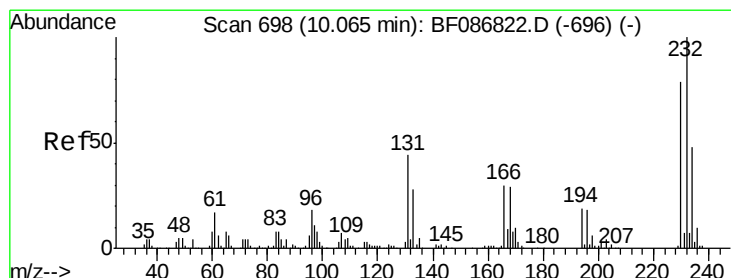
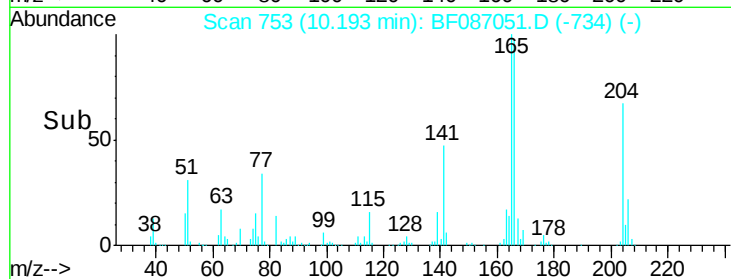
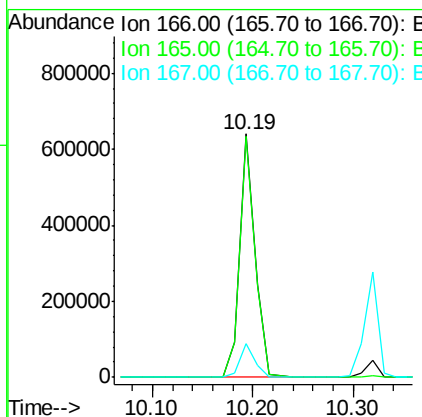
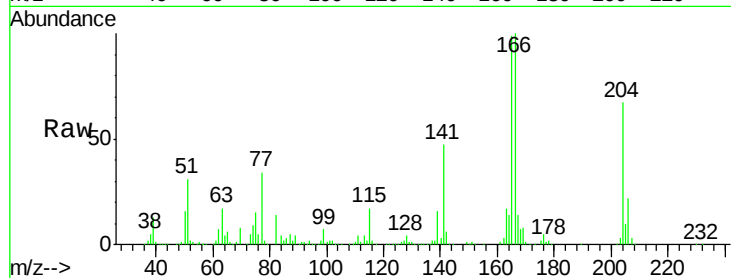




#57
Fluorene
 Concen: 38.61 ng
 RT: 10.19 min Scan# 753
 Delta R.T. -0.09 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

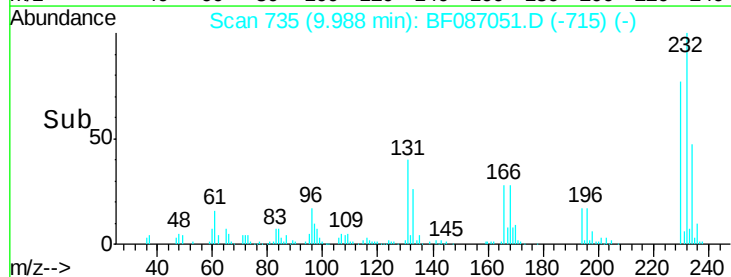
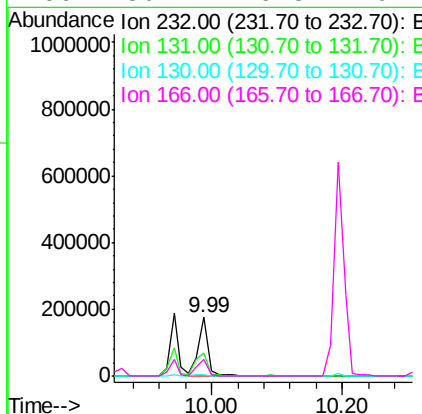
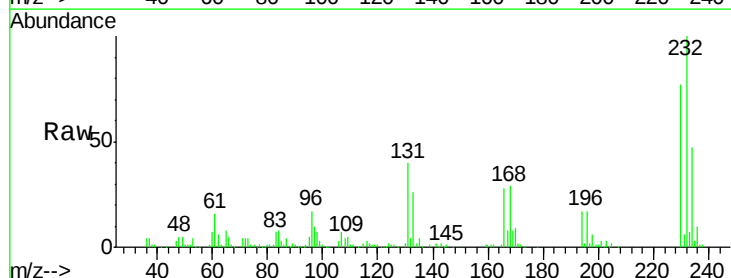
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

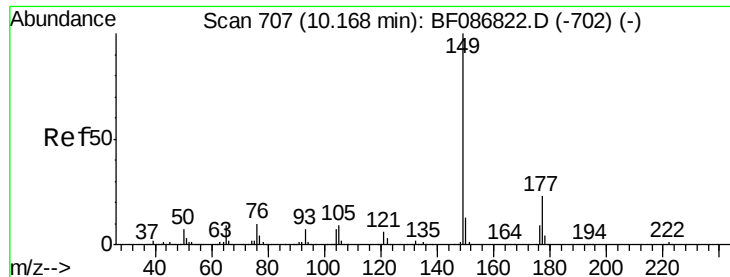
Tgt Ion:166 Resp: 684484
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.0 118.6
 167 13.9 10.6 15.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.44 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion:232 Resp: 182430
 Ion Ratio Lower Upper
 232 100
 131 49.8 41.9 62.9
 130 2.5 2.2 3.4
 166 30.4 26.8 40.2

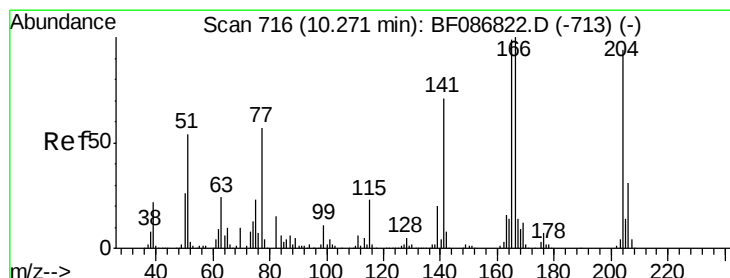
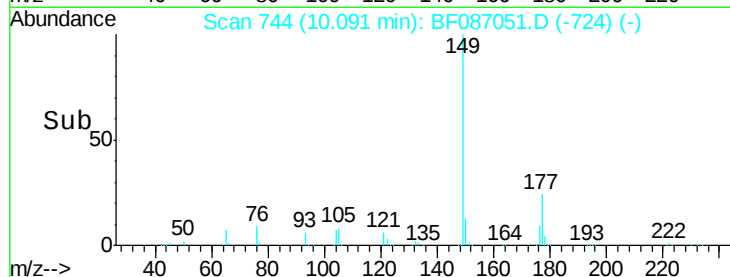
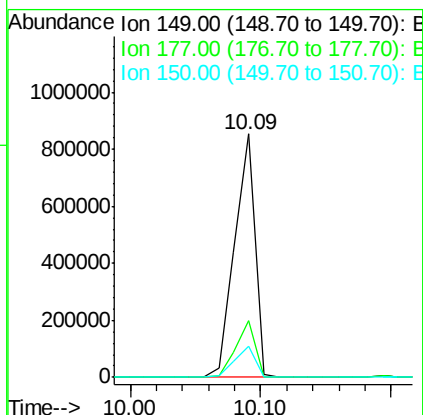
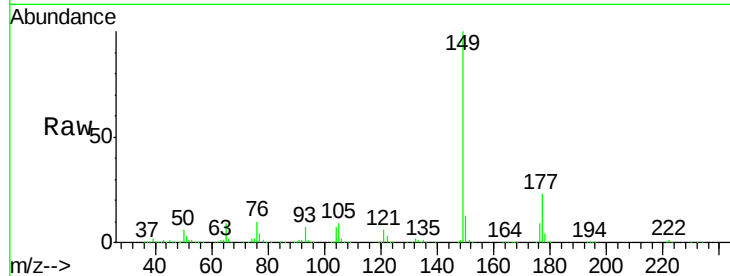




#59
Diethylphthalate
Concen: 43.60 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.08 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

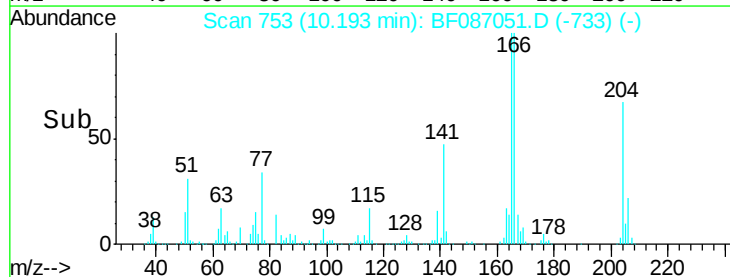
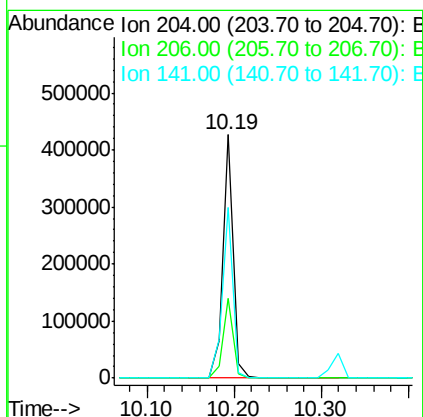
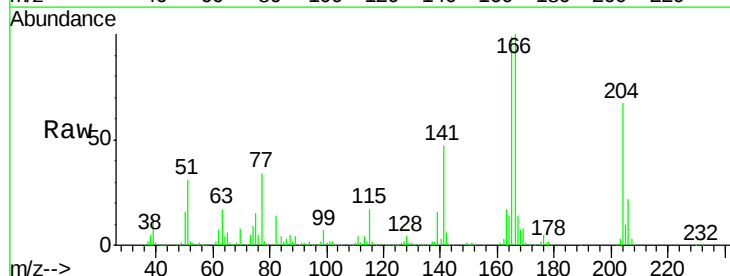
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

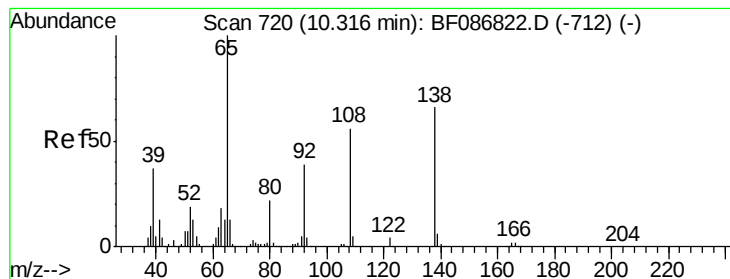
Tgt Ion:149 Resp: 920566
Ion Ratio Lower Upper
149 100
177 23.4 16.6 24.8
150 12.5 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 47.50 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.08 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

Tgt Ion:204 Resp: 361344
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.0
141 70.2 61.6 92.4





#61

4-Nitroaniline

Concen: 37.49 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

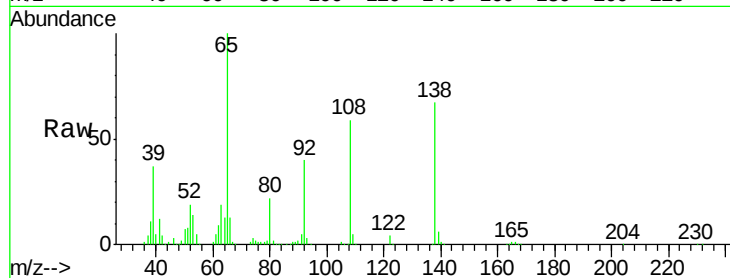
Tgt Ion:138 Resp: 172840

Ion Ratio Lower Upper

138 100

92 58.9 24.7 64.7

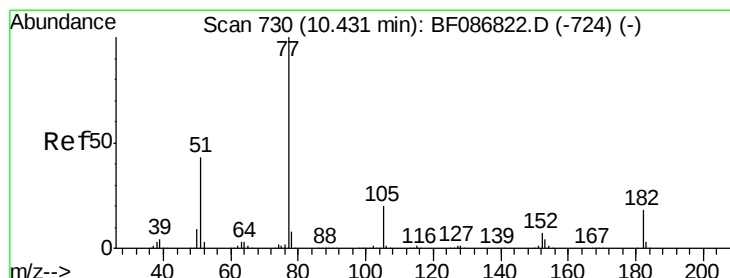
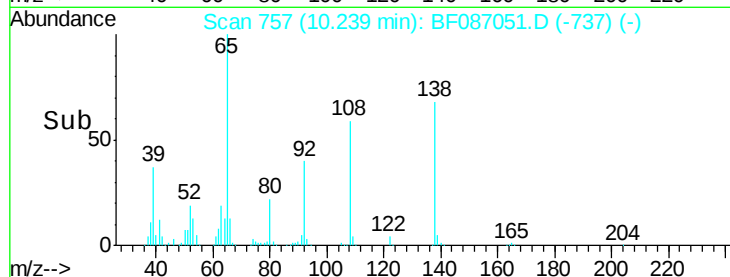
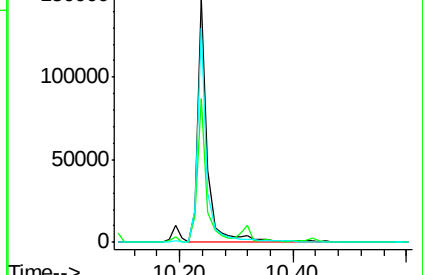
108 87.8 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.80 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Tgt Ion: 77 Resp: 1020482

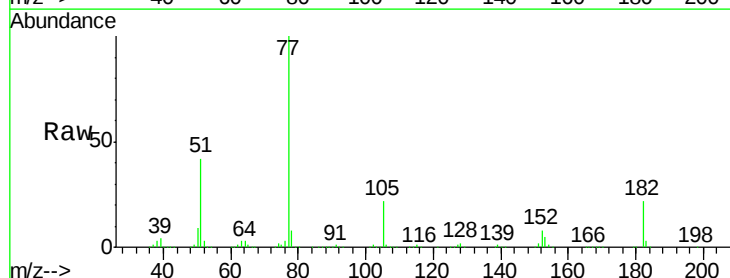
Ion Ratio Lower Upper

77 100

182 22.3 0.0 38.8

105 21.6 3.2 43.2

51 41.7 8.8 48.8

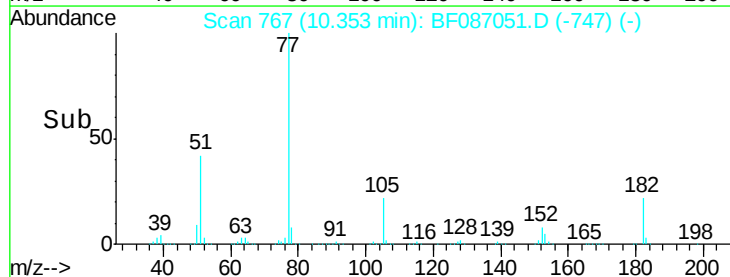
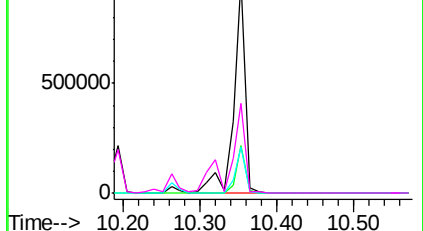


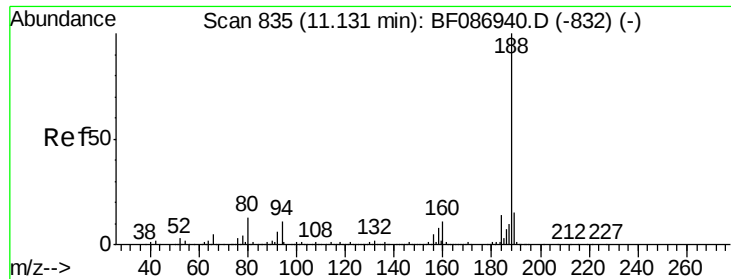
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

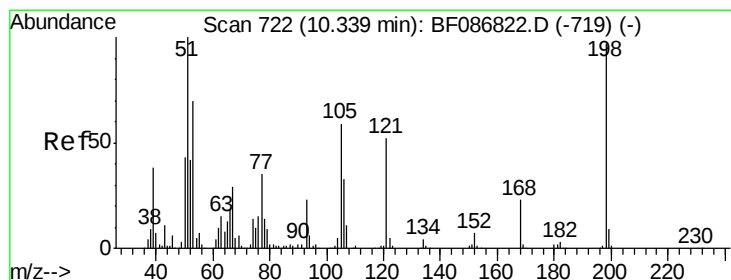
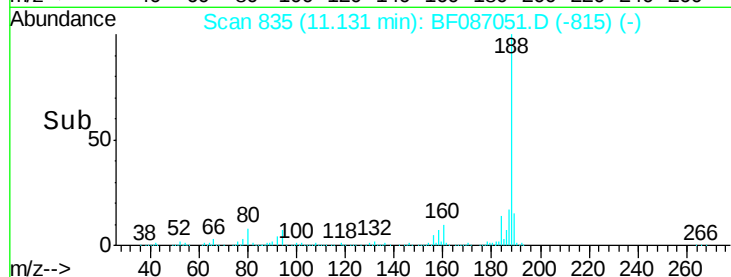
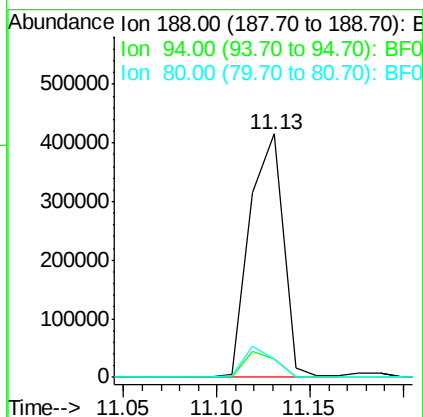
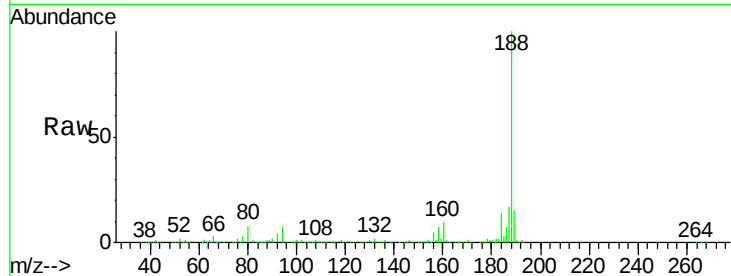




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.08 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

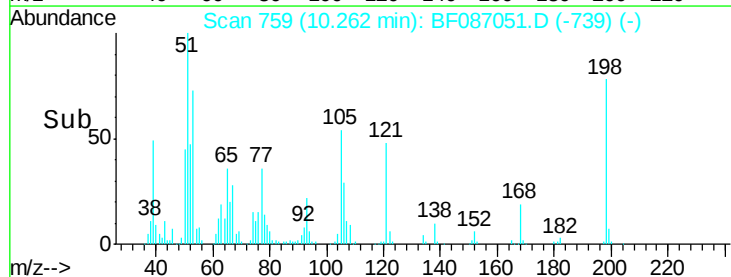
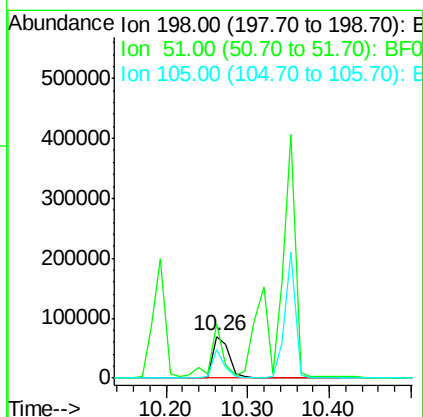
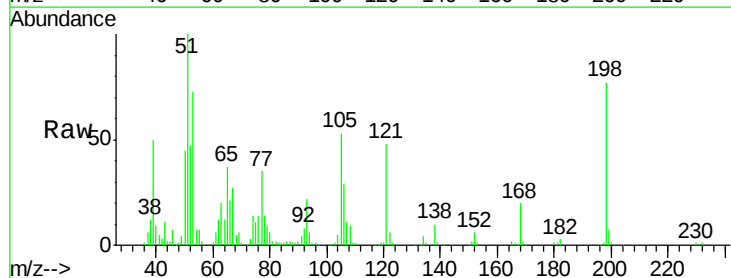
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

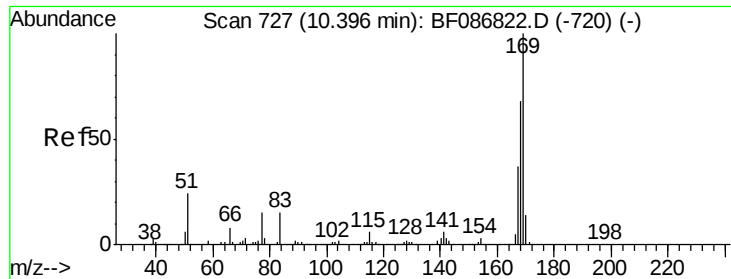
Tgt Ion:188 Resp: 518791
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 7.6 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 30.65 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.08 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

Tgt Ion:198 Resp: 98796
Ion Ratio Lower Upper
198 100
51 129.4 20.5 60.5#
105 69.1 24.5 64.5#





#65

n-Nitrosodiphenylamine

Concen: 44.34 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

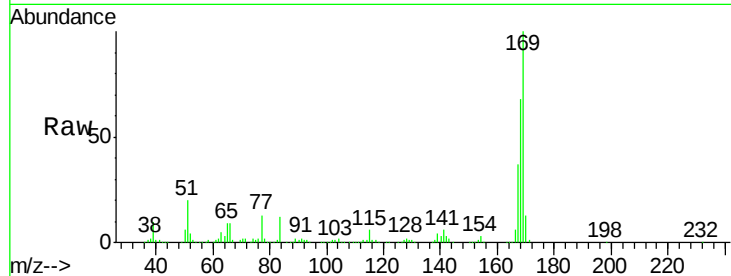
Tgt Ion:169 Resp: 706751

Ion Ratio Lower Upper

169 100

168 68.1 53.8 80.6

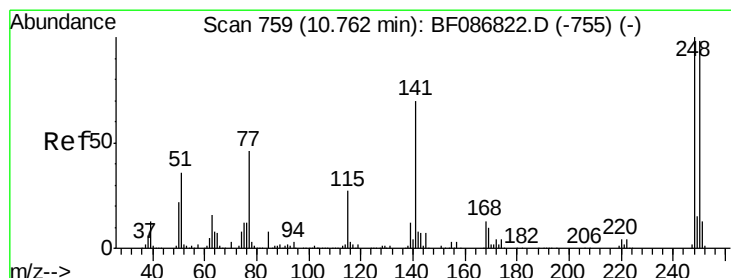
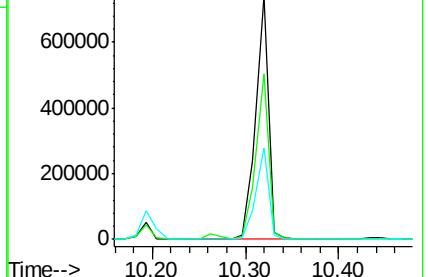
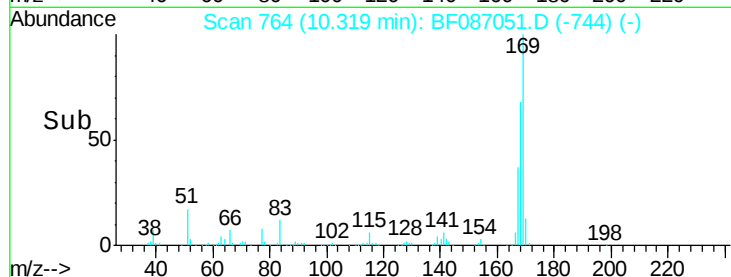
167 37.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.83 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

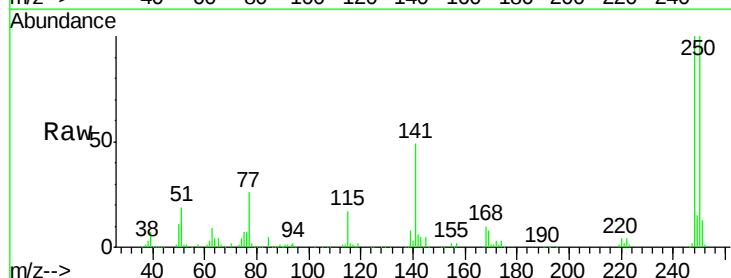
Tgt Ion:248 Resp: 214784

Ion Ratio Lower Upper

248 100

250 99.7 78.6 117.8

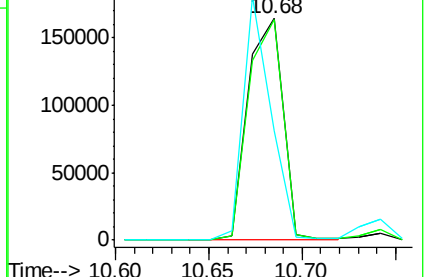
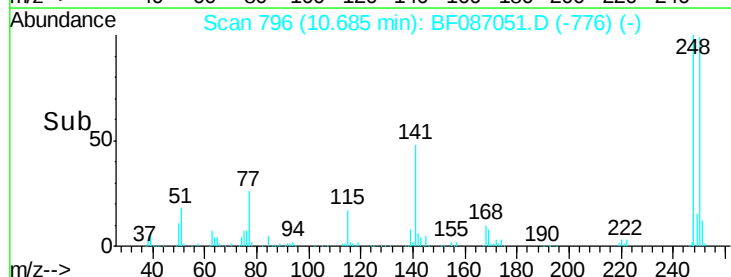
141 49.2 76.0 114.0#

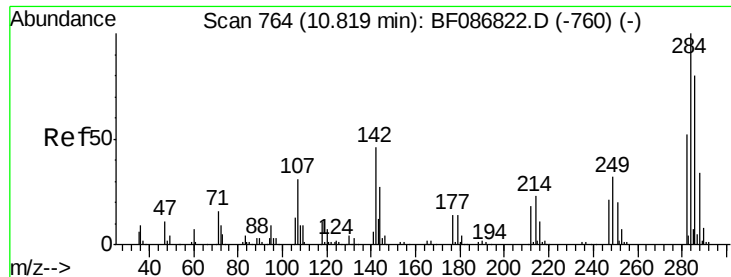


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

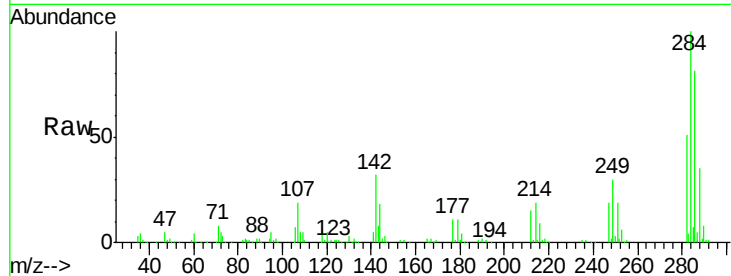




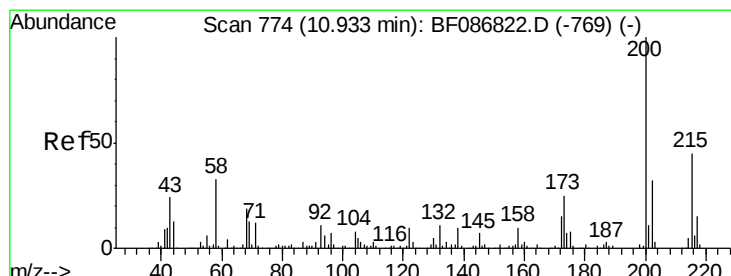
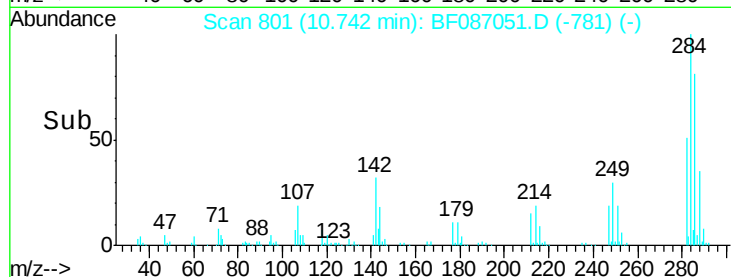
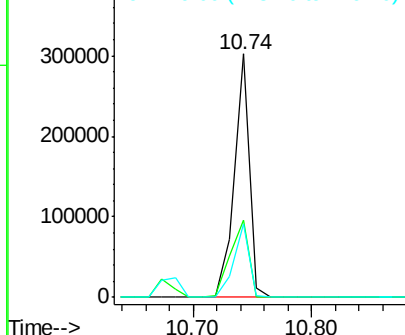
#67
Hexachlorobenzene
Concen: 43.40 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.08 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 266786
Ion Ratio Lower Upper
284 100
142 31.5 16.7 25.1#
249 30.2 21.3 31.9

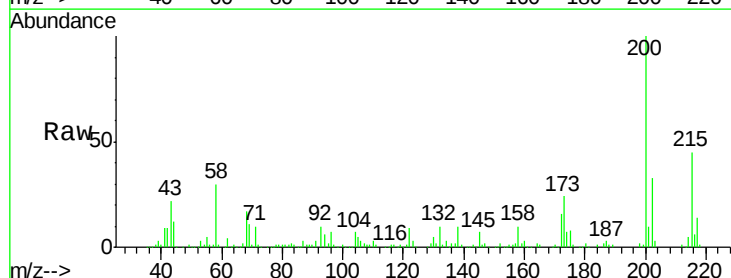


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

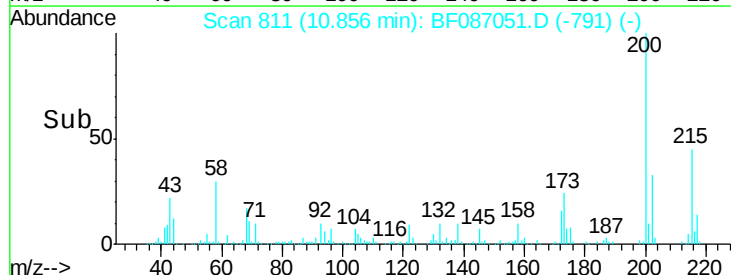
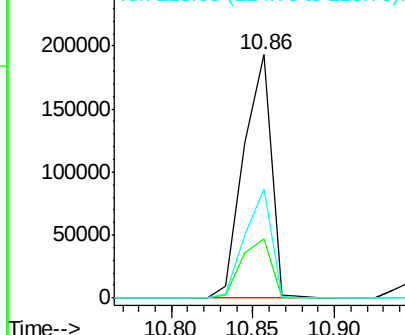


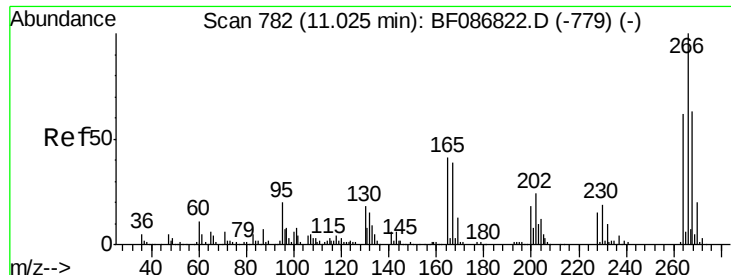
#68
Atrazine
Concen: 42.51 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.08 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

Tgt Ion:200 Resp: 226339
Ion Ratio Lower Upper
200 100
173 24.3 8.5 48.5
215 44.7 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

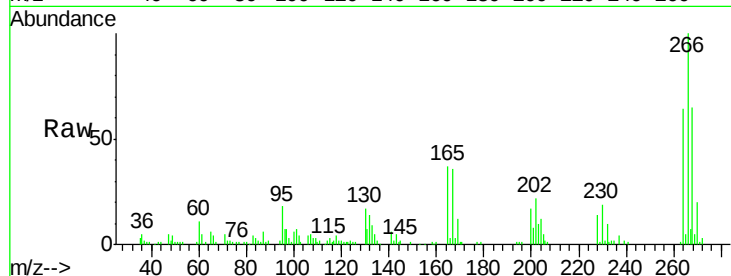




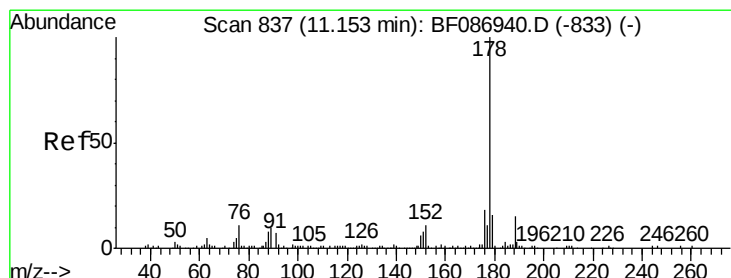
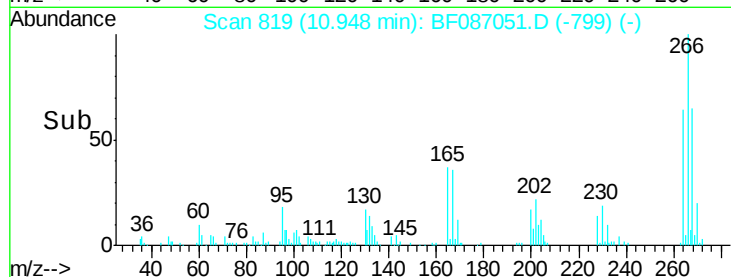
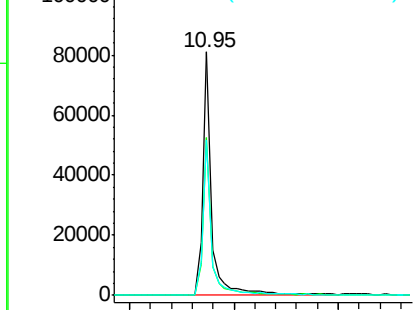
#69
 Pentachlorophenol
 Concen: 34.33 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 97543
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.5 77.3
 264 63.7 52.9 79.3

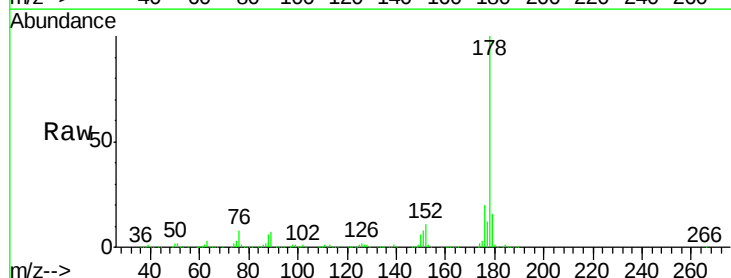


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

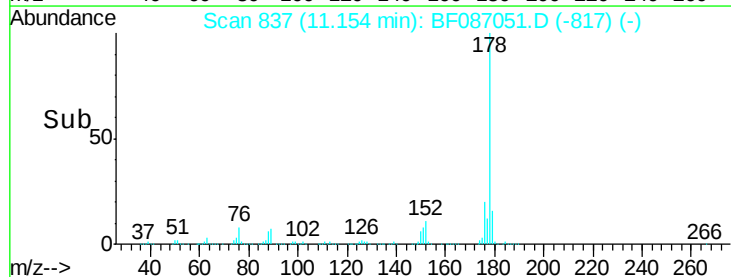
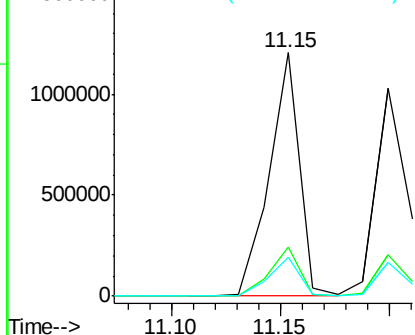


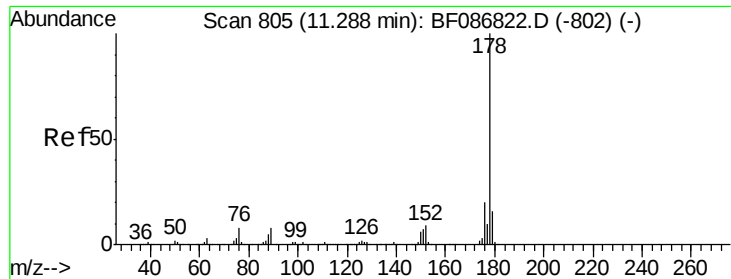
#70
 Phenanthrene
 Concen: 42.26 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion:178 Resp: 1170029
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 15.7 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

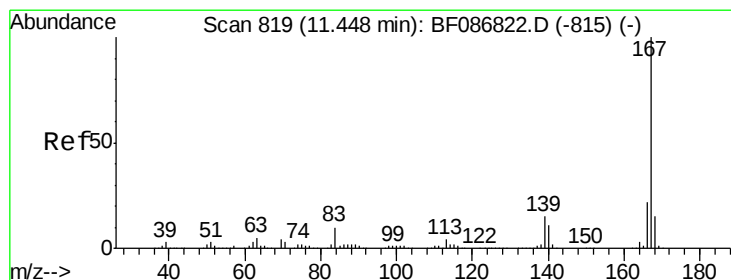
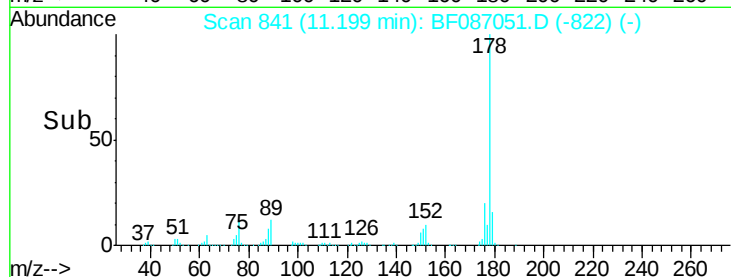
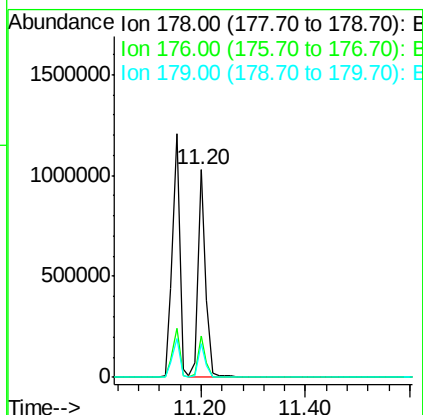
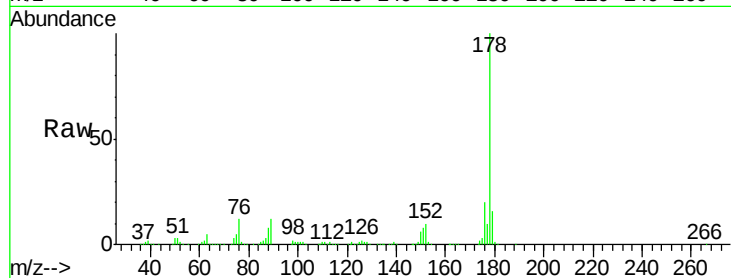




#71
 Anthracene
 Concen: 37.44 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.09 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

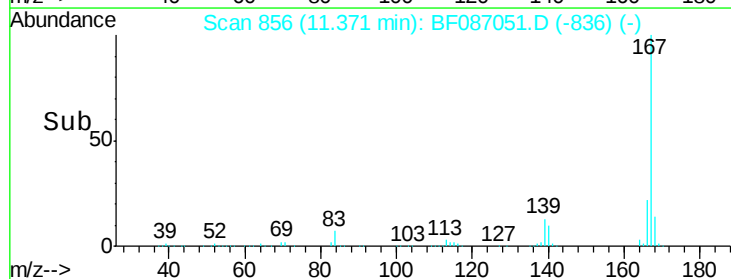
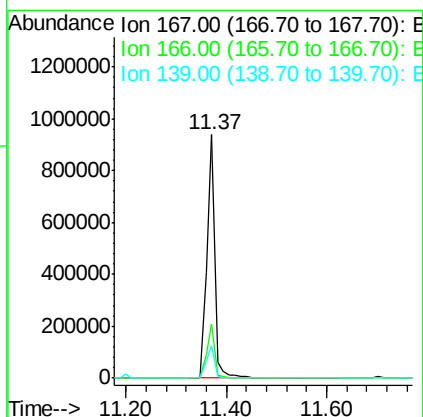
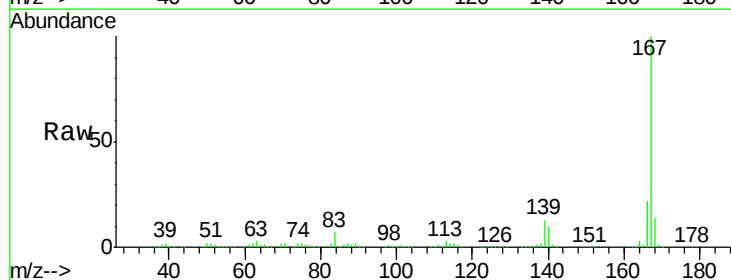
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

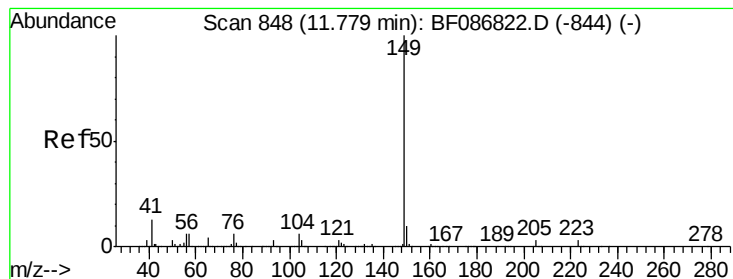
Tgt Ion:178 Resp: 1060180
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 16.3 12.7 19.1



#72
 Carbazole
 Concen: 42.05 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion:167 Resp: 1023438
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 42.30 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

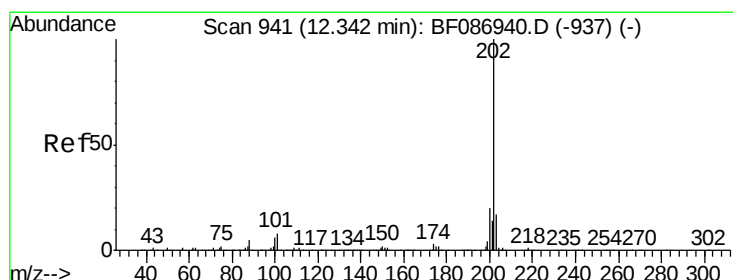
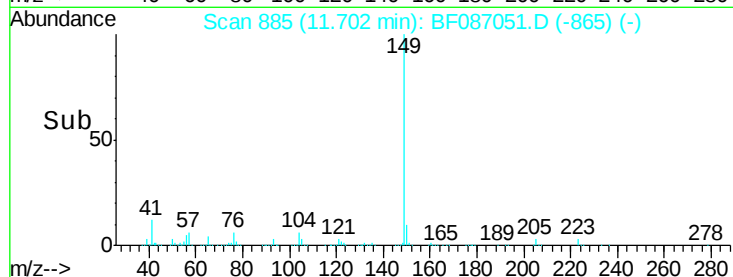
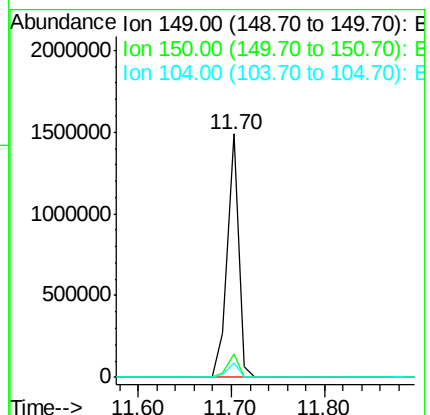
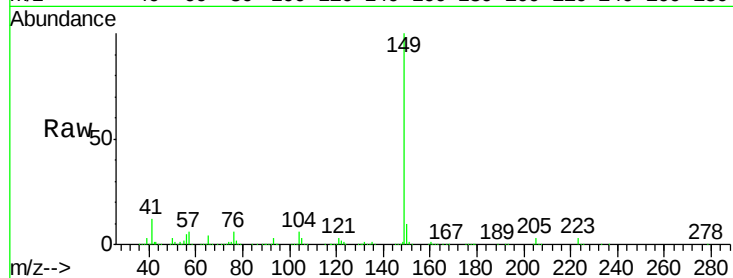
Tgt Ion:149 Resp: 1257282

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

104 6.0 3.8 5.6#



#74

Fluoranthene

Concen: 36.38 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.09 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

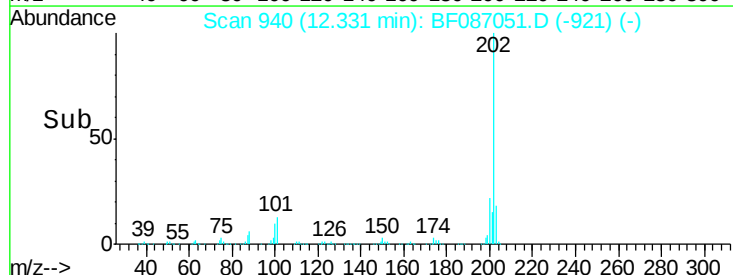
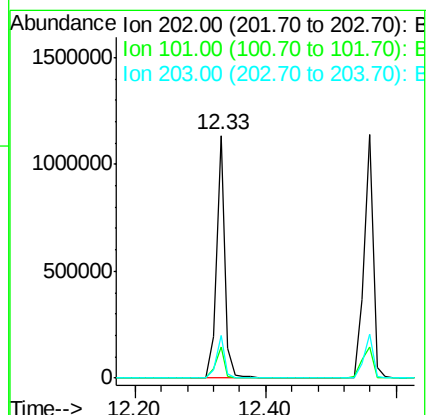
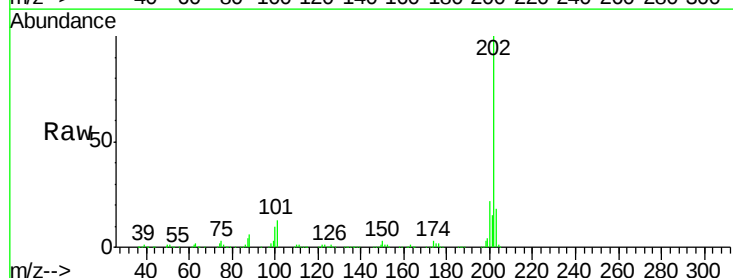
Tgt Ion:202 Resp: 1035880

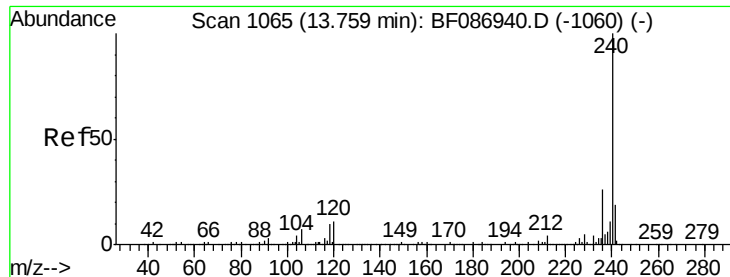
Ion Ratio Lower Upper

202 100

101 12.6 0.0 35.4

203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

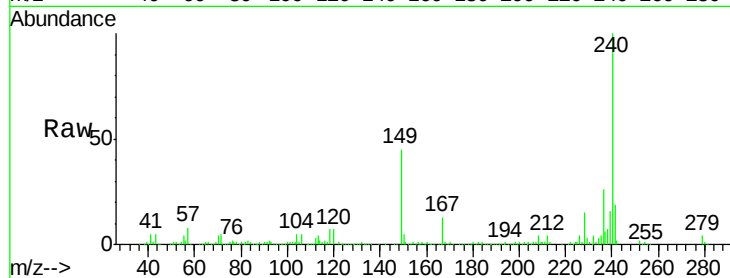
Tgt Ion:240 Resp: 301924

Ion Ratio Lower Upper

240 100

120 7.2 11.2 16.8#

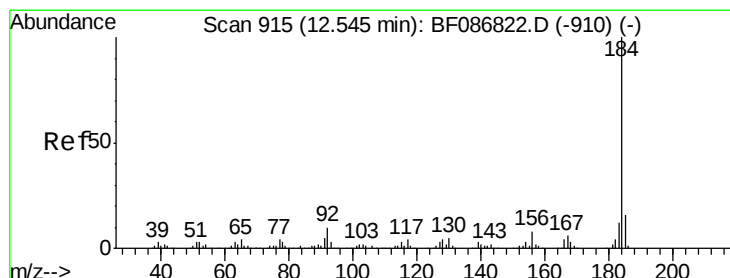
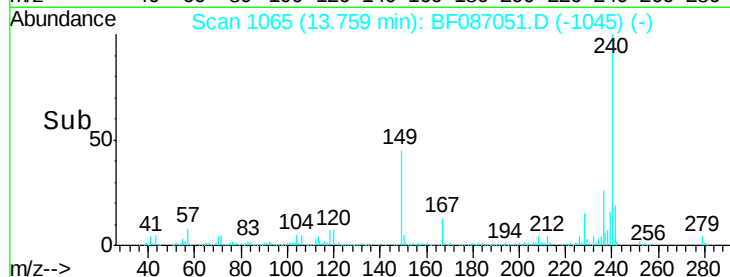
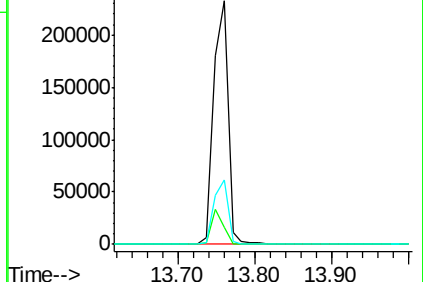
236 26.5 21.2 31.8



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: 40.96 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

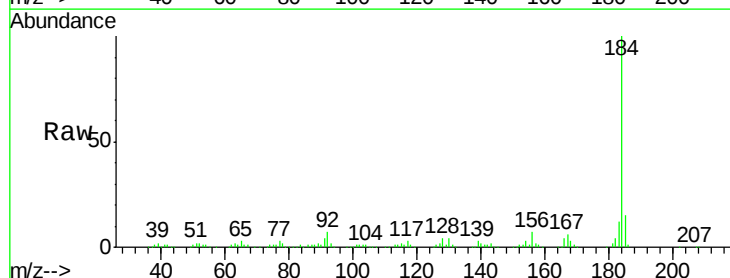
Tgt Ion:184 Resp: 315259

Ion Ratio Lower Upper

184 100

185 15.5 13.6 20.4

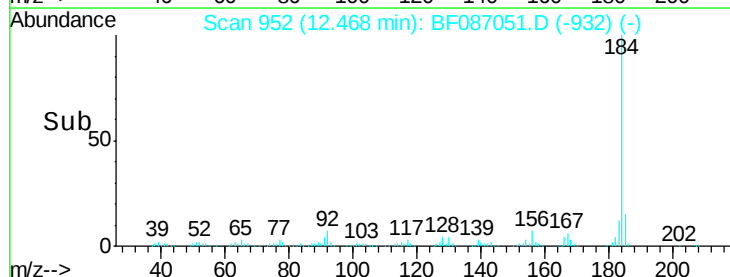
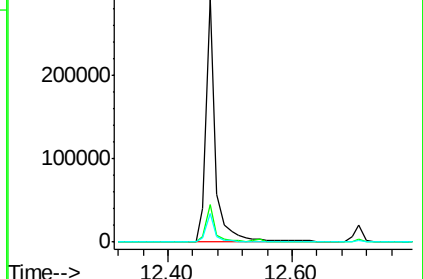
183 11.7 9.8 14.6

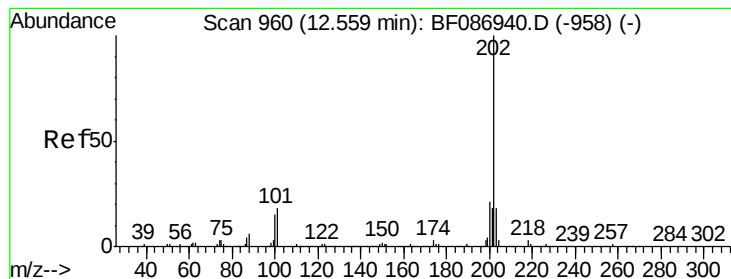


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.93 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

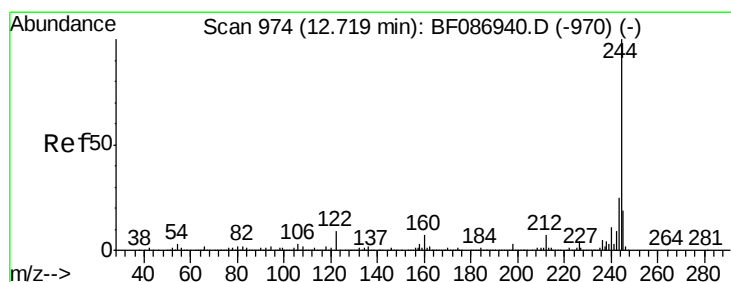
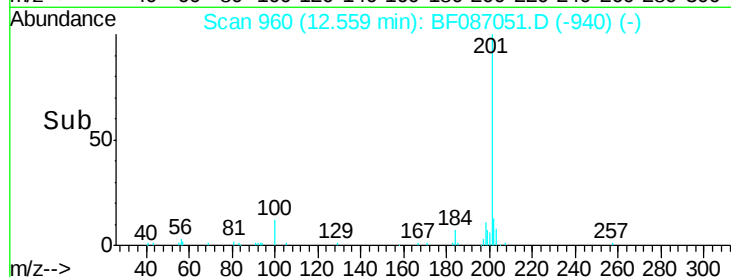
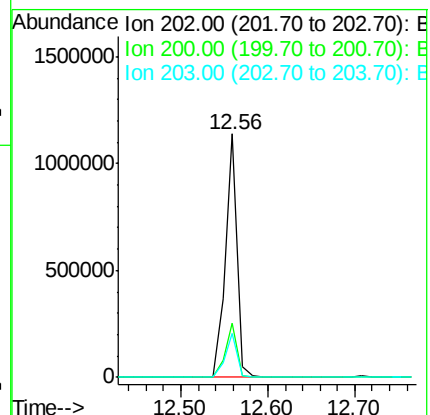
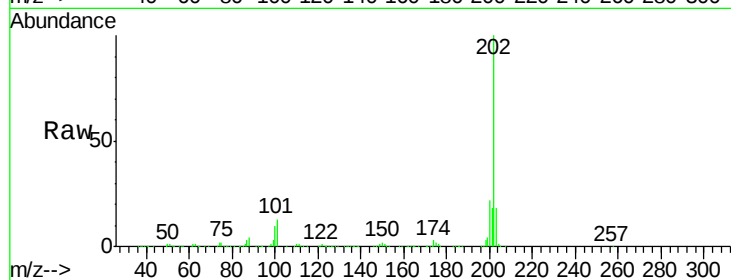
Tgt Ion:202 Resp: 1084877

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

203 18.0 14.2 21.4



#78

Terphenyl-d14

Concen: 84.02 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.09 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

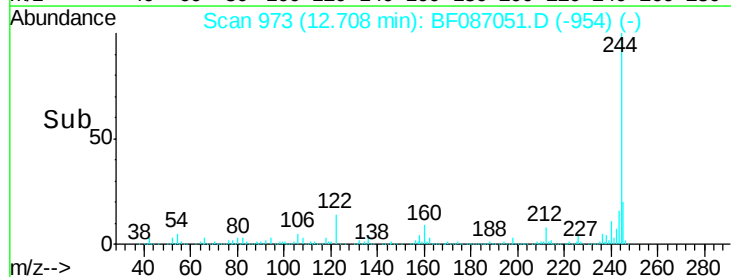
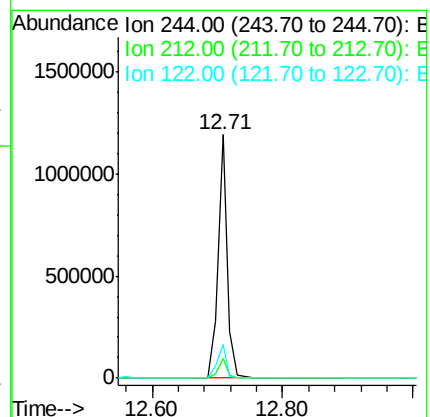
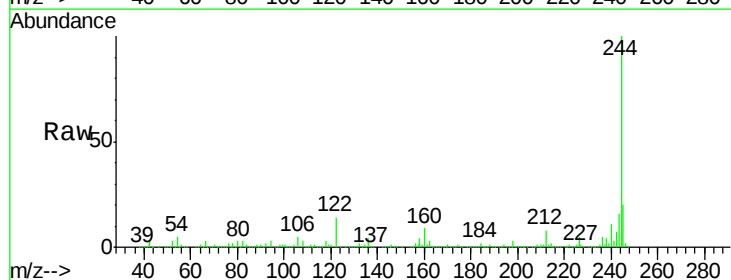
Tgt Ion:244 Resp: 1195557

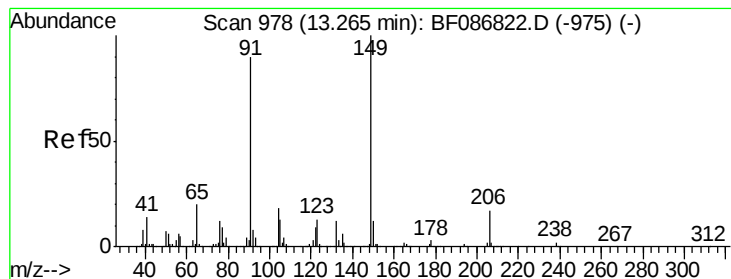
Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 13.9 12.0 18.0





#79

Butylbenzylphthalate

Concen: 45.59 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

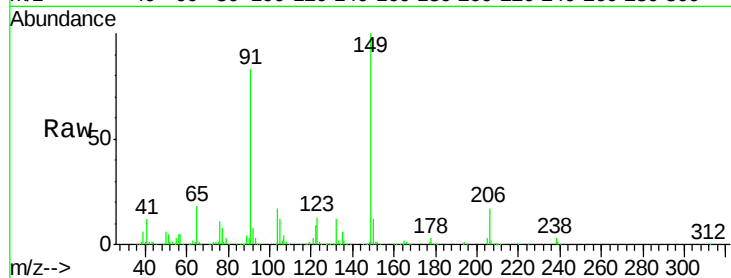
Tgt Ion:149 Resp: 445727

Ion Ratio Lower Upper

149 100

91 82.6 48.0 72.0#

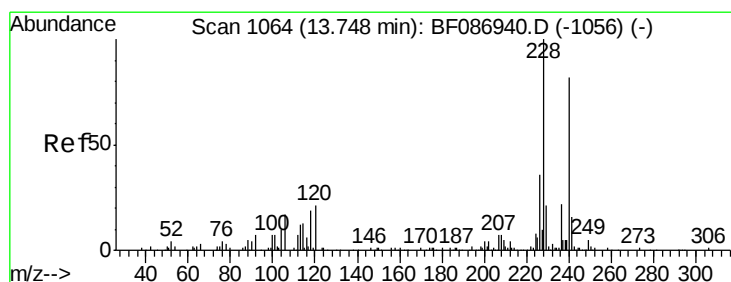
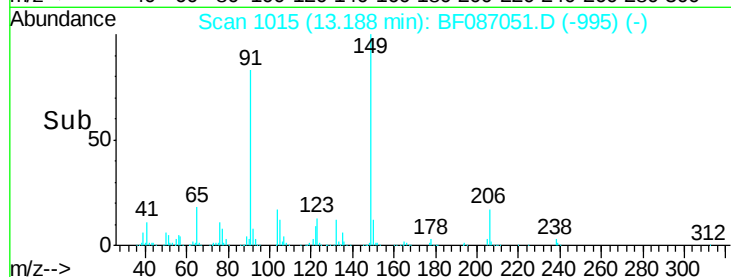
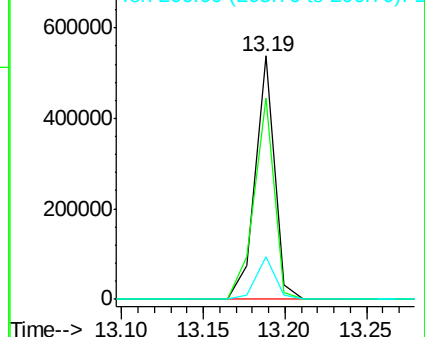
206 17.5 15.8 23.6



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: 43.88 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.08 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

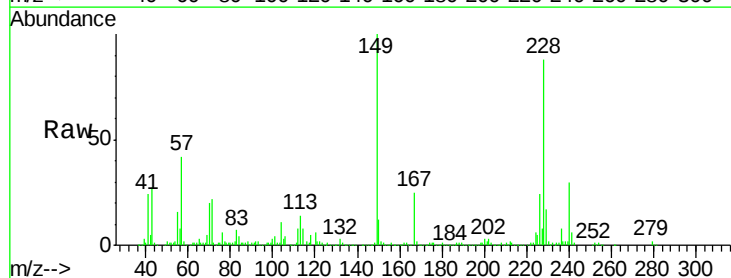
Tgt Ion:228 Resp: 743679

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

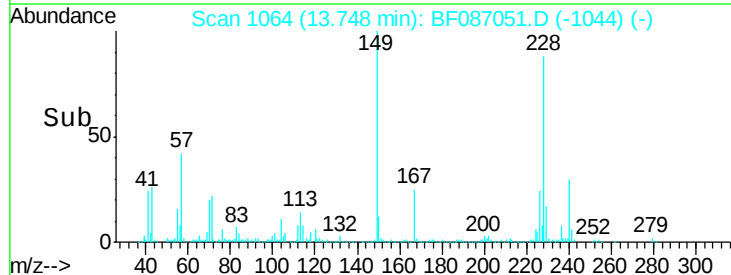
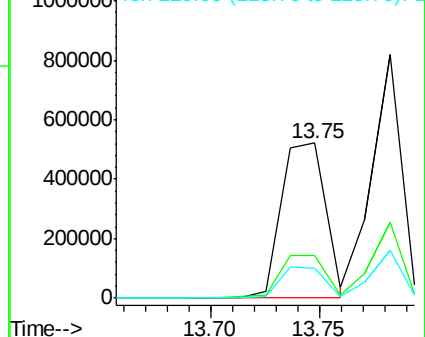
229 19.6 16.6 25.0

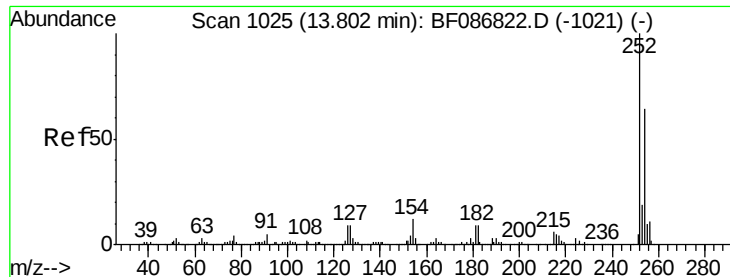


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

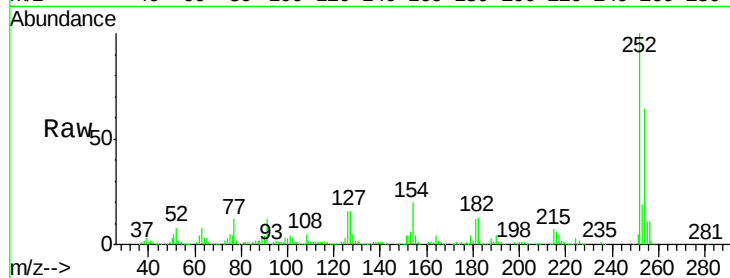




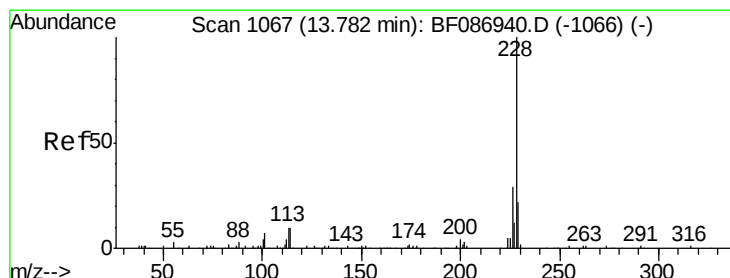
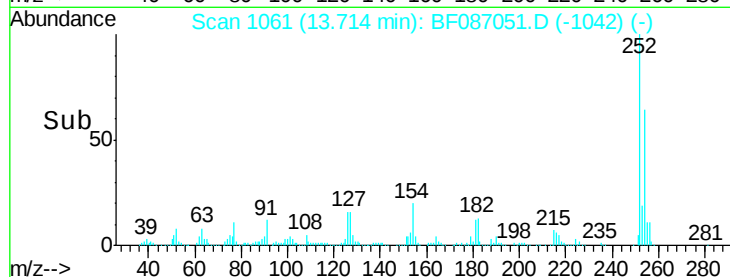
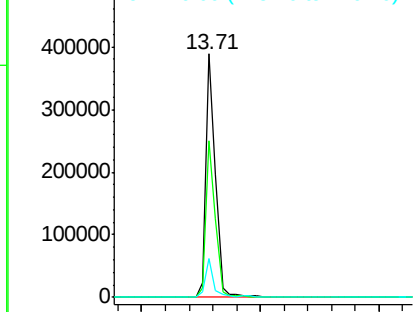
#81
 3,3'-Dichlorobenzidine
 Concen: 41.35 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.09 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 445265
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.7 76.1
 126 15.8 12.7 19.1

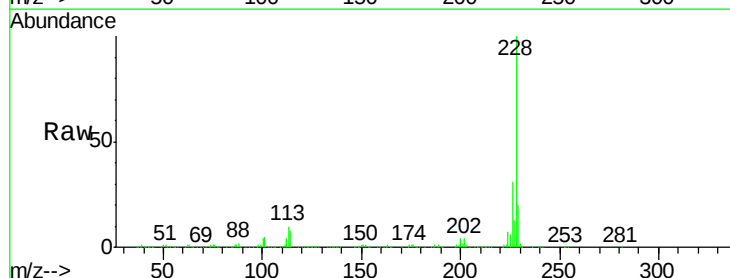


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

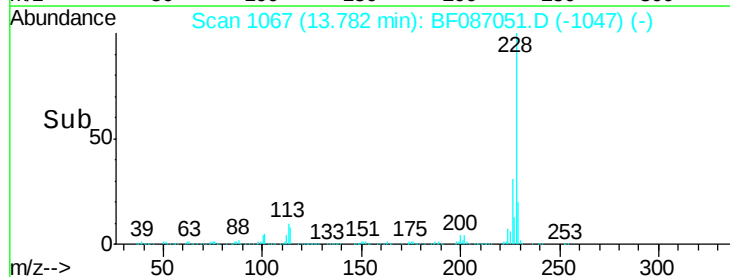
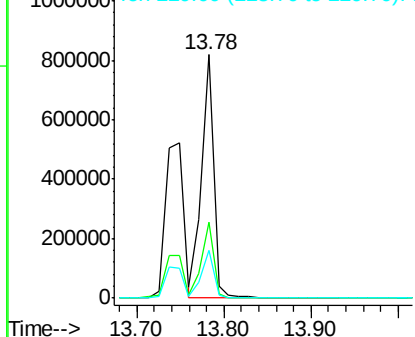


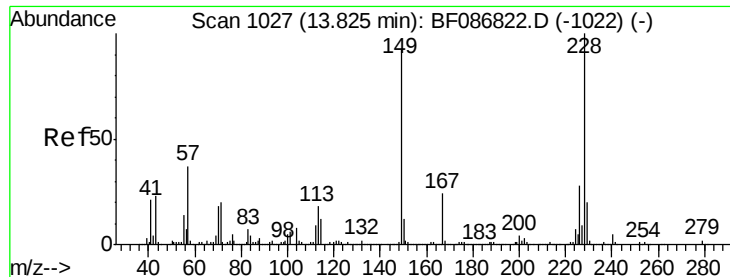
#82
 Chrysene
 Concen: 46.06 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion:228 Resp: 794071
 Ion Ratio Lower Upper
 228 100
 226 31.2 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

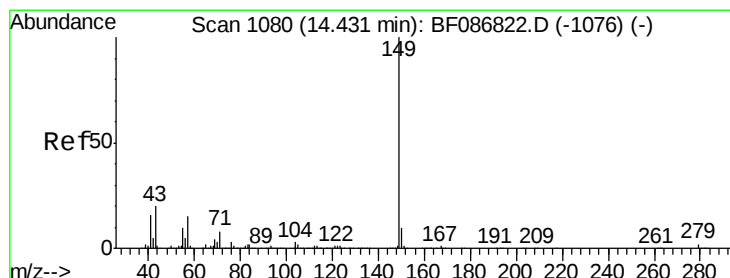
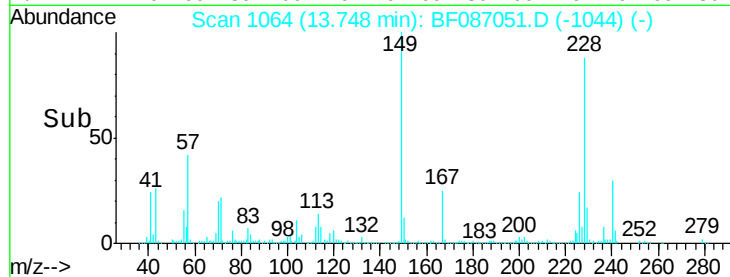
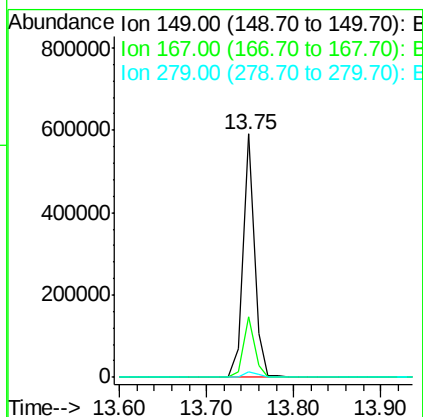
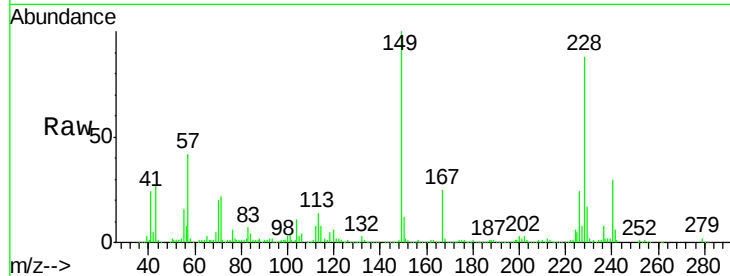




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.41 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

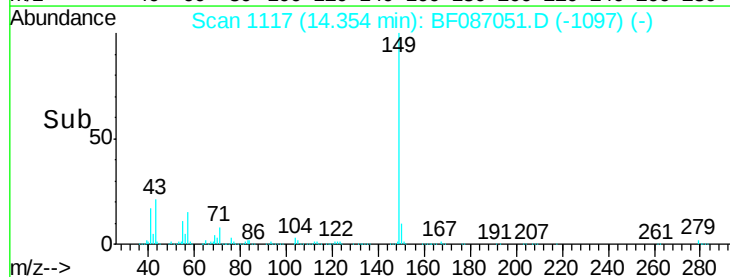
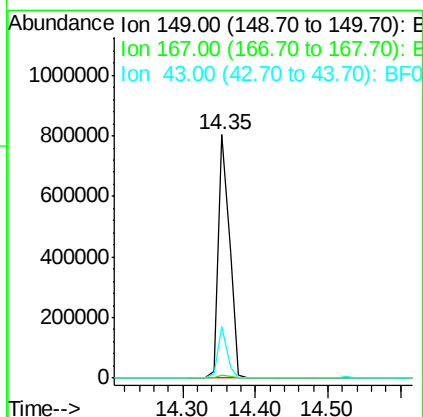
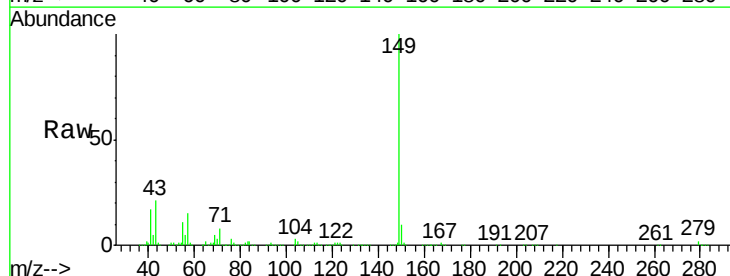
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

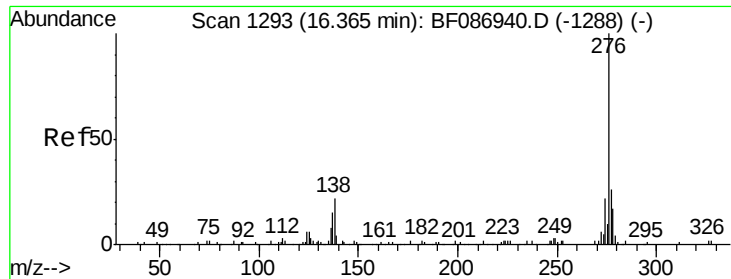
Tgt Ion:149 Resp: 534075
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.8 32.6
 279 2.4 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 44.50 ng
 RT: 14.35 min Scan# 1117
 Delta R.T. -0.08 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Tgt Ion:149 Resp: 867014
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 17.5 8.2 12.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 64.28 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.13 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

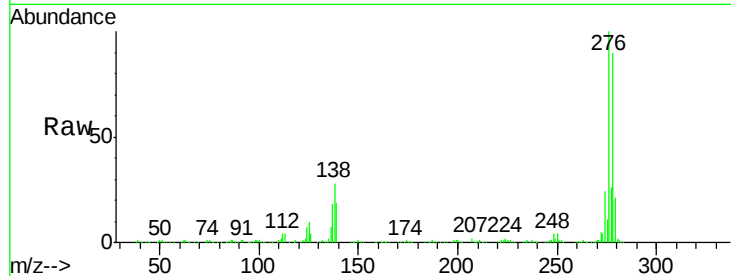
Tgt Ion:276 Resp: 922121

Ion Ratio Lower Upper

276 100

138 27.3 25.6 38.4

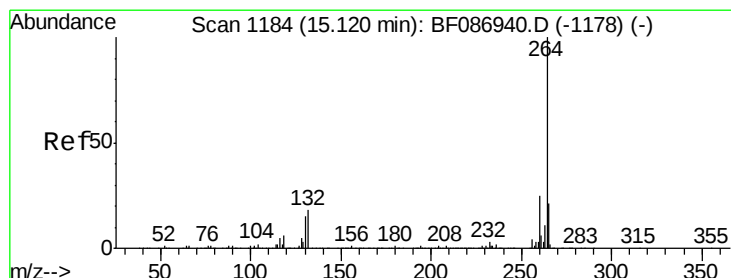
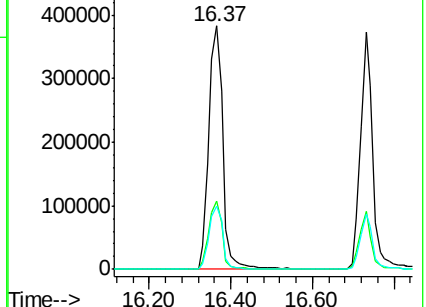
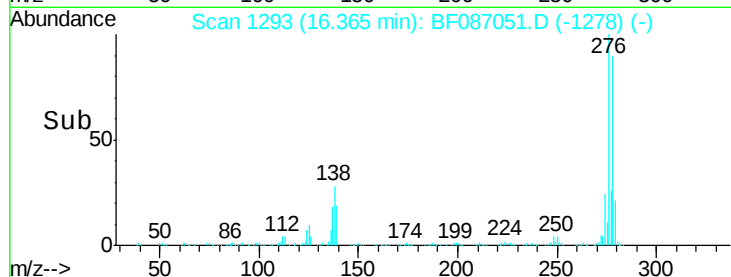
277 25.6 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.10 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

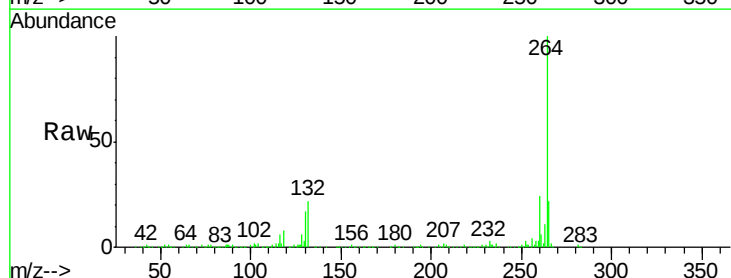
Tgt Ion:264 Resp: 343791

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

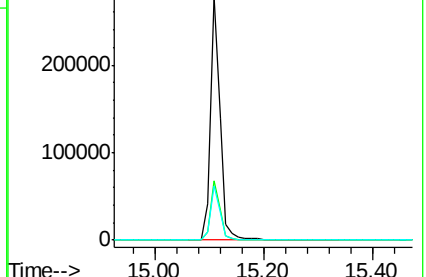
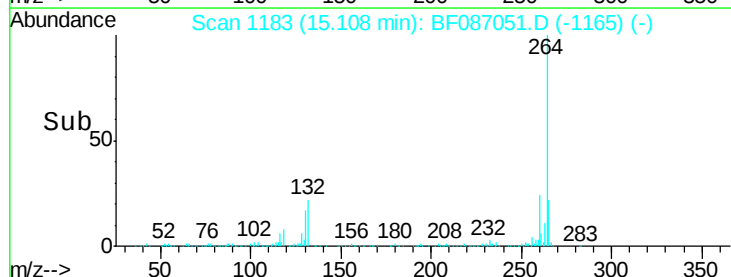
265 22.0 17.3 25.9

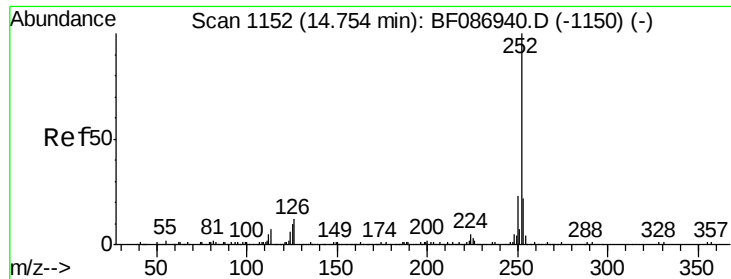


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

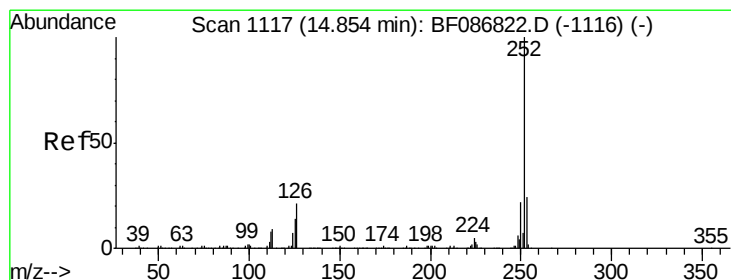
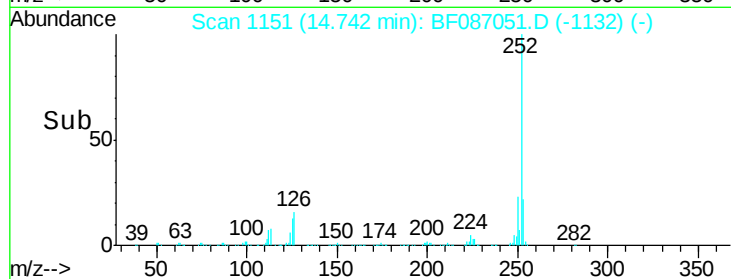
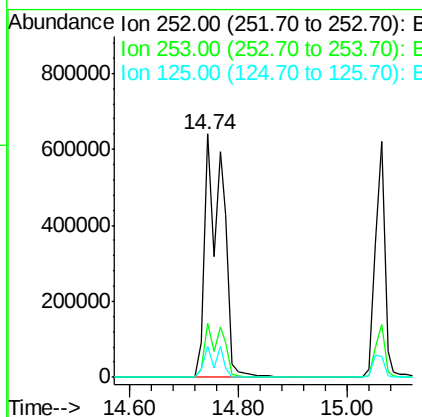
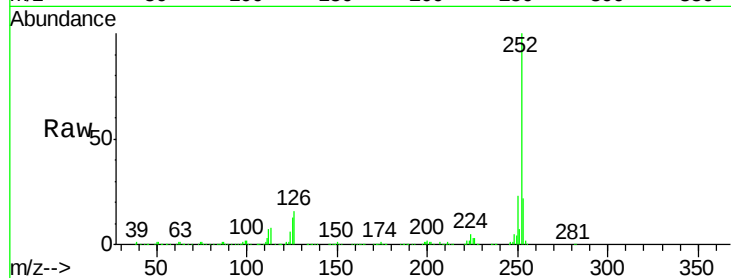




#87
Benzo(b)fluoranthene
Concen: 66.64 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.09 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

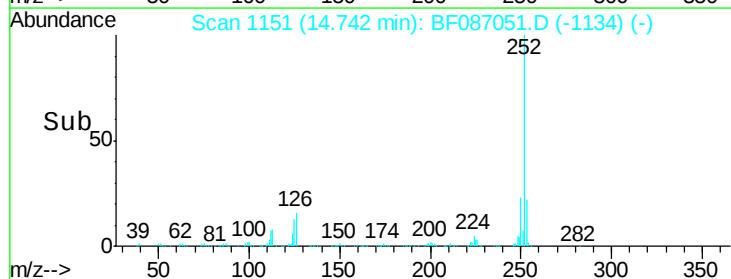
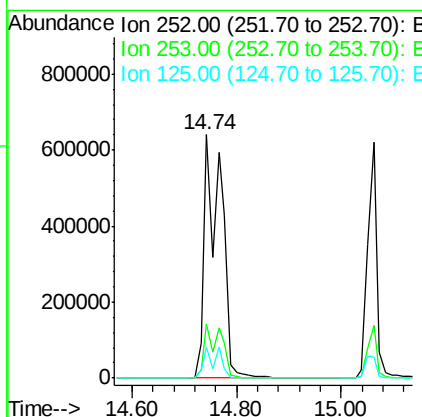
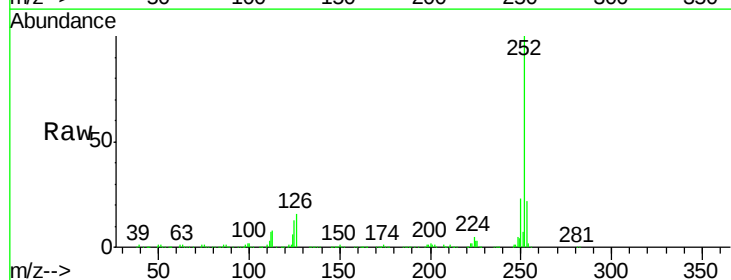
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

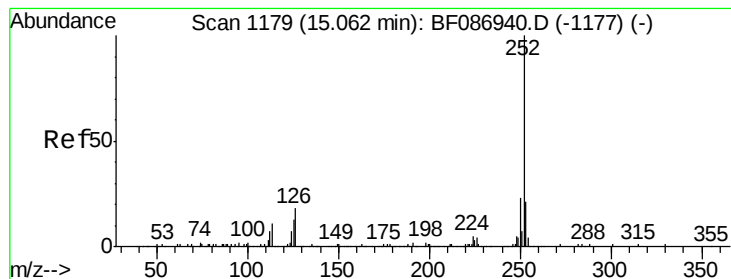
Tgt Ion:252 Resp: 1488909
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 12.6 11.4 17.0



#88
Benzo(k)fluoranthene
Concen: 81.41 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.11 min
Lab File: BF087051.D
Acq: 15 May 2016 6:20

Tgt Ion:252 Resp: 1489390
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 12.6 9.1 13.7





#89

Benzo(a)pyrene

Concen: 39.57 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.09 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

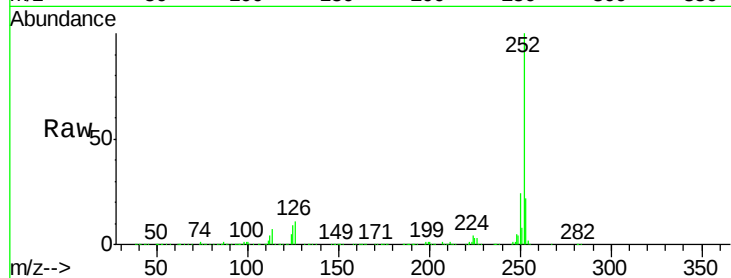
Tgt Ion: 252 Resp: 762525

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

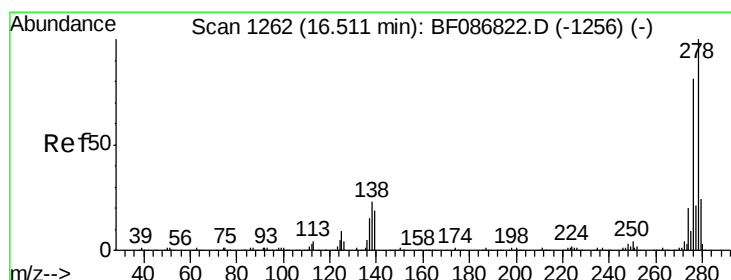
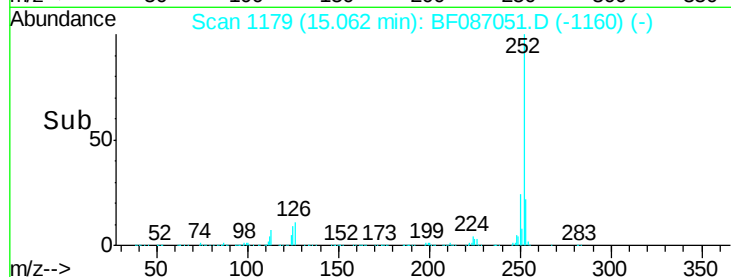
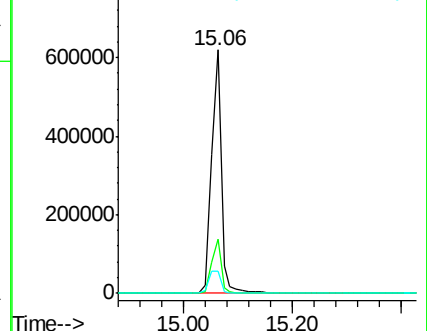
125 9.0 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.50 ng

RT: 16.38 min Scan# 1294

Delta R.T. -0.13 min

Lab File: BF087051.D

Acq: 15 May 2016 6:20

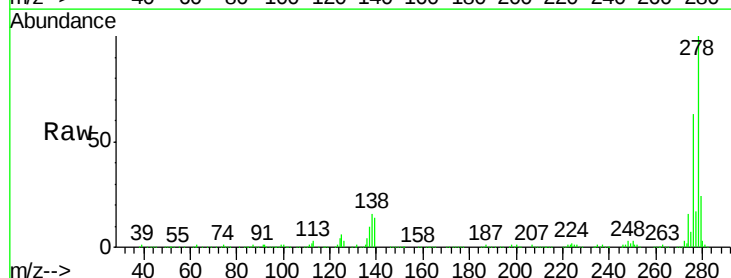
Tgt Ion: 278 Resp: 771505

Ion Ratio Lower Upper

278 100

139 14.4 16.6 24.8#

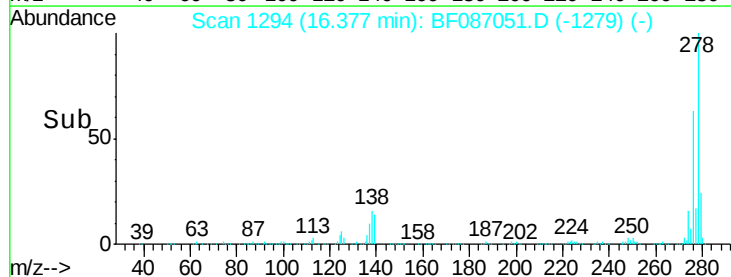
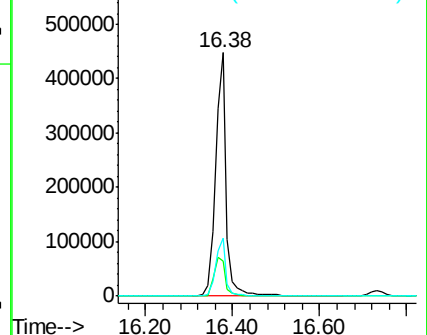
279 23.6 19.6 29.4

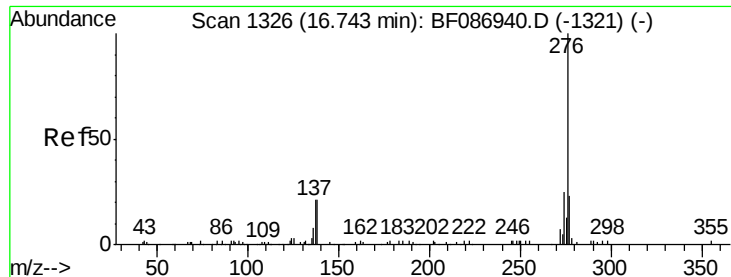


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 47.78 ng
 RT: 16.73 min Scan# 1325
 Delta R.T. -0.16 min
 Lab File: BF087051.D
 Acq: 15 May 2016 6:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.6	29.4
138	24.6	23.6	35.4

