

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082234.D
 Acq On : 12 Oct 2015 22:16
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 13 02:11:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 02:05:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	76666	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	306046	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	150412	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	309187	20.00	ng	0.00
75) Chrysene-d12	14.01	240	285002	20.00	ng	0.00
86) Perylene-d12	15.44	264	229881	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	299111	78.74	ng	0.00
7) Phenol-d6	6.47	99	382810	77.44	ng	0.00
23) Nitrobenzene-d5	7.41	82	359977	78.99	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	117259	83.13	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	721411	79.54	ng	0.00
78) Terphenyl-d14	12.95	244	778664	72.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.37	88	72814	38.15	ng	95
3) Pyridine	3.10	79	173954	39.19	ng	97
4) n-Nitrosodimethylamine	3.05	42	76076	40.41	ng	99
6) Aniline	6.49	93	253449	39.77	ng	# 72
8) 2-Chlorophenol	6.62	128	182537	39.36	ng	92
9) Benzaldehyde	6.38	77	101738	40.30	ng	93
10) Phenol	6.48	94	201981	35.44	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	176566	36.63	ng	94
12) 1,3-Dichlorobenzene	7.01	146	198896	36.83	ng	96
13) 1,4-Dichlorobenzene	6.85	146	206533	36.62	ng	96
14) 1,2-Dichlorobenzene	6.85	146	209324	39.09	ng	97
15) Benzyl Alcohol	6.98	79	143834	42.15	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	249016	37.10	ng	98
17) 2-Methylphenol	7.10	107	147401	40.20	ng	97
18) Hexachloroethane	7.35	117	69027	35.76	ng	# 73
19) n-Nitroso-di-n-propylamine	7.26	70	131448	37.86	ng	96
20) 3+4-Methylphenols	7.26	107	175702	40.21	ng	# 84
22) Acetophenone	7.25	105	233583	38.58	ng	98
24) Nitrobenzene	7.43	77	188873	38.29	ng	# 83
25) Isophorone	7.66	82	340201	36.99	ng	98
26) 2-Nitrophenol	7.74	139	98408	39.95	ng	# 86
27) 2,4-Dimethylphenol	7.78	122	166732	42.01	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	211698	39.56	ng	98
29) 2,4-Dichlorophenol	7.99	162	153079	38.59	ng	93
30) 1,2,4-Trichlorobenzene	8.06	180	168480	36.85	ng	96
31) Naphthalene	8.15	128	500732	37.74	ng	99
32) Benzoic acid	7.91	122	101136	37.97	ng	96
33) 4-Chloroaniline	8.19	127	216749	39.34	ng	# 95
34) Hexachlorobutadiene	8.25	225	100809	35.38	ng	99
35) Caprolactam	8.58	113	50172	43.58	ng	91
36) 4-Chloro-3-methylphenol	8.69	107	167344	43.14	ng	89
37) 2-Methylnaphthalene	8.83	142	362211	39.38	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	172610	38.58	ng	98
40) Hexachlorocyclopentadiene	8.98	237	63070	33.27	ng	98

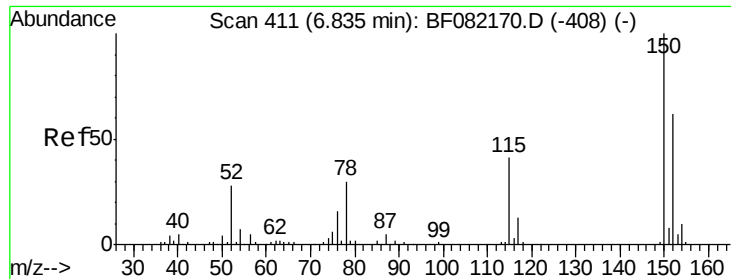
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082234.D
 Acq On : 12 Oct 2015 22:16
 Operator : UM/IZ
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	120438	40.53	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	126676	39.35	nq	# 89
45) 1,1'-Biphenyl	9.30	154	470389	41.01	nq	96
46) 2-Chloronaphthalene	9.33	162	361012	39.98	nq	96
47) 2-Nitroaniline	9.43	65	110614	44.62	nq	# 84
48) Acenaphthylene	9.74	152	548150	38.97	nq	99
49) Dimethylphthalate	9.61	163	413985	39.09	nq	# 97
50) 2,6-Dinitrotoluene	9.67	165	89568	40.08	nq	# 82
51) Acenaphthene	9.91	154	333546	39.50	nq	98
52) 3-Nitroaniline	9.84	138	101601	40.25	nq	87
53) 2,4-Dinitrophenol	9.95	184	40639	36.34	nq	# 90
54) Dibenzofuran	10.08	168	448515	38.69	nq	96
55) 4-Nitrophenol	10.01	139	59746	42.12	nq	93
56) 2,4-Dinitrotoluene	10.08	165	120608	43.18	nq	89
57) Fluorene	10.42	166	363165	38.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	113407	43.12	nq	94
59) Diethylphthalate	10.30	149	402122	40.73	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	183776	42.14	nq	# 83
61) 4-Nitroaniline	10.46	138	108991	44.51	nq	97
62) Azobenzene	10.58	77	395869	40.97	nq	87
64) 4,6-Dinitro-2-methylphenol	10.48	198	64687	37.28	nq	# 67
65) n-Nitrosodiphenylamine	10.54	169	342445	36.99	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	119829	38.73	nq	# 81
67) Hexachlorobenzene	10.97	284	126615	37.84	nq	# 81
68) Atrazine	11.07	200	126046	42.98	nq	95
69) Pentachlorophenol	11.17	266	66900	38.85	nq	97
70) Phenanthrene	11.39	178	592664	39.11	nq	98
71) Anthracene	11.44	178	623599	39.93	nq	100
72) Carbazole	11.60	167	569872	40.00	nq	99
73) Di-n-butylphthalate	11.93	149	672647	38.27	nq	# 97
74) Fluoranthene	12.57	202	651832	40.05	nq	96
76) Benzidine	12.71	184	312960	37.89	nq	100
77) Pyrene	12.80	202	668048	39.50	nq	99
79) Butylbenzylphthalate	13.43	149	309143	40.05	nq	# 83
80) Benzo(a)anthracene	14.00	228	573549	38.68	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	217126	38.58	nq	# 96
82) Chrysene	14.04	228	627622	40.17	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	385238	34.98	nq	# 95
84) Di-n-octyl phthalate	14.60	149	657586	34.77	nq	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	505102	40.67	nq	99
87) Benzo(b)fluoranthene	15.03	252	506231	36.20	nq	# 97
88) Benzo(k)fluoranthene	15.03	252	506231	43.06	nq	100
89) Benzo(a)pyrene	15.38	252	464860	38.68	nq	# 96
90) Dibenzo(a,h)anthracene	16.87	278	413795	42.01	nq	97
91) Benzo(g,h,i)perylene	17.28	276	412224	43.08	nq	96

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

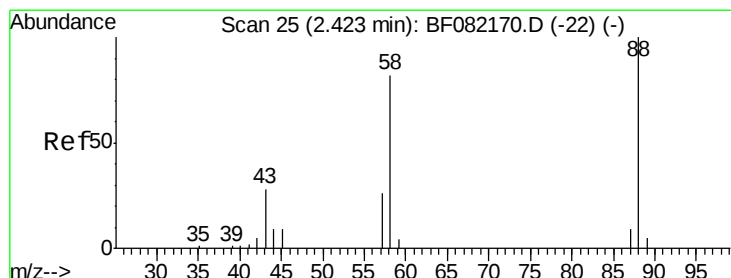
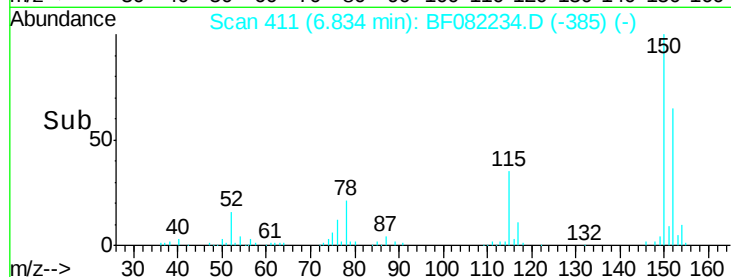
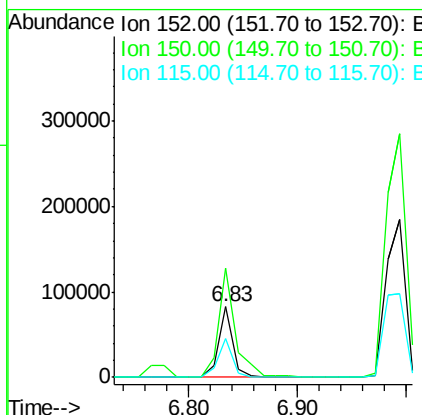
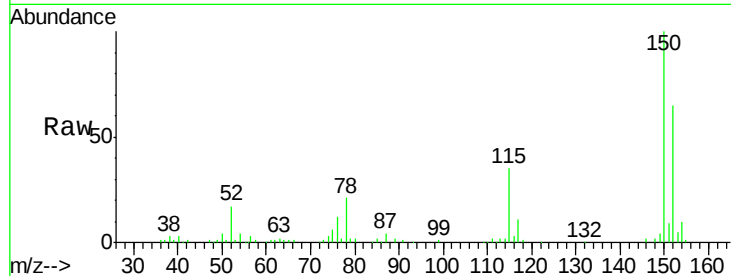


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

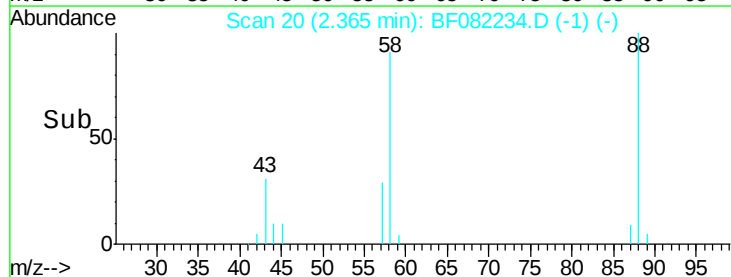
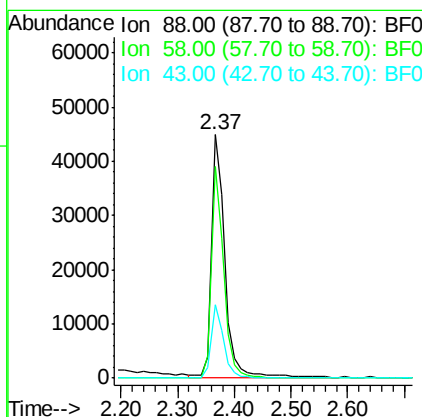
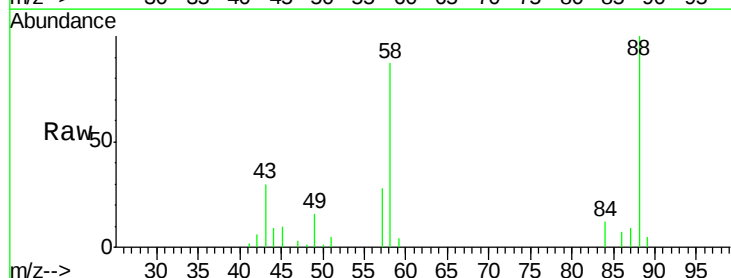
Tot Ion:152 Resp: 76666
Ion Ratio Lower Upper
152 100
150 154.3 129.0 193.4
115 54.6 52.1 78.1

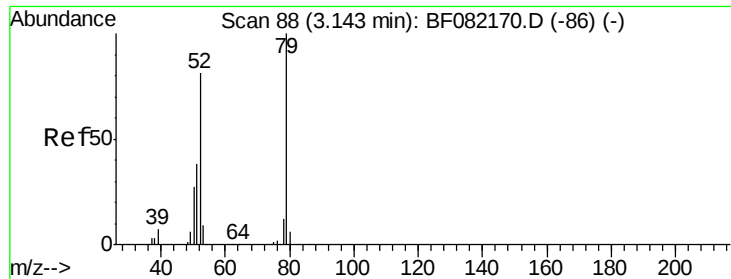


#2

1,4-Dioxane
Concen: 38.15 ng
RT: 2.37 min Scan# 20
Delta R.T. -0.01 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion: 88 Resp: 72814
Ion Ratio Lower Upper
88 100
58 77.3 66.2 99.4
43 27.1 23.0 34.4





#3

Pvridine

Concen: 39.19 ng

RT: 3.10 min Scan# 84

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

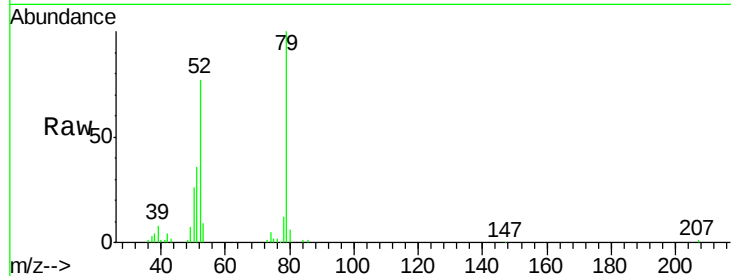
Tot Ion: 79 Resp: 173954

Ion Ratio Lower Upper

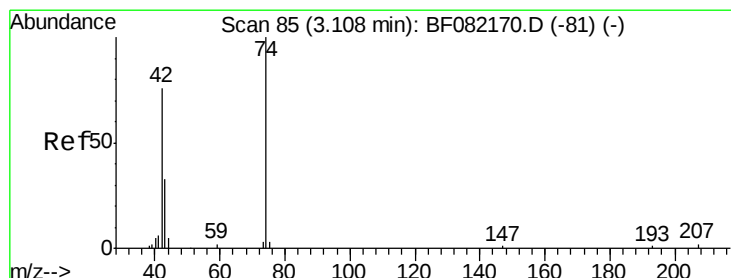
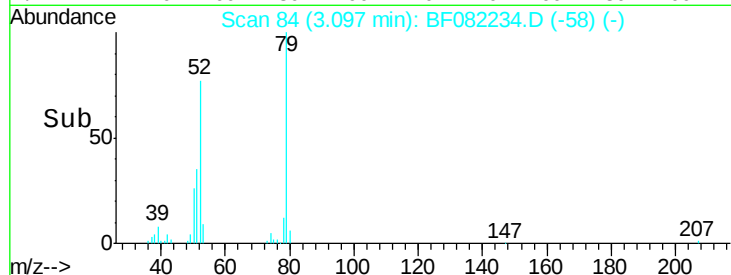
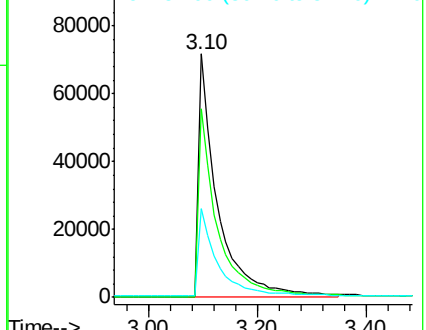
79 100

52 77.4 64.4 96.6

51 36.3 30.5 45.7



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.41 ng

RT: 3.05 min Scan# 80

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

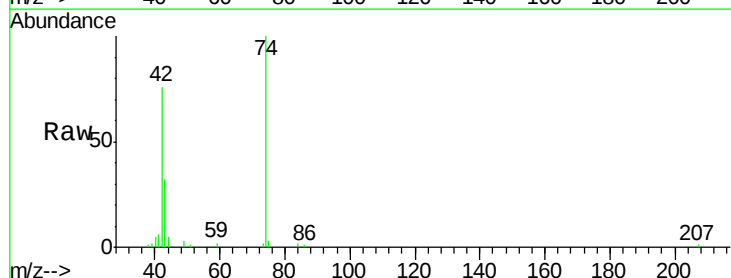
Tgt Ion: 42 Resp: 76076

Ion Ratio Lower Upper

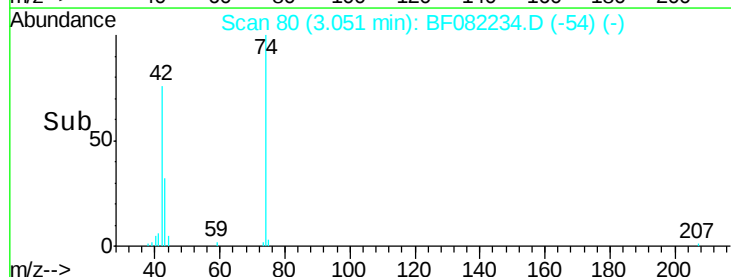
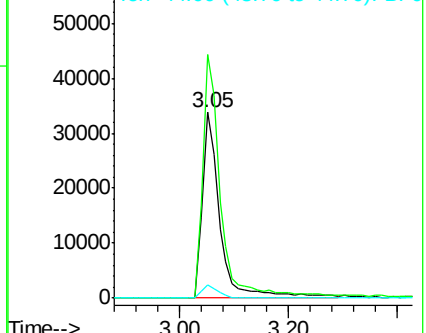
42 100

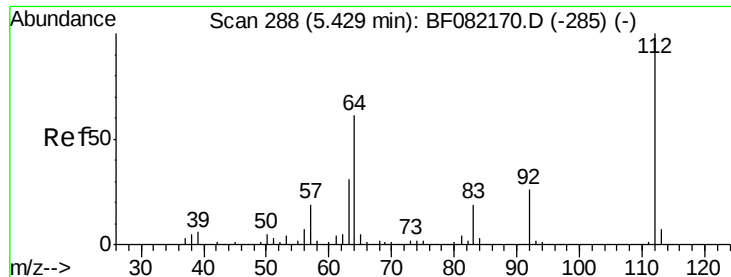
74 131.0 105.7 158.5

44 7.2 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.74 ng

RT: 5.42 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

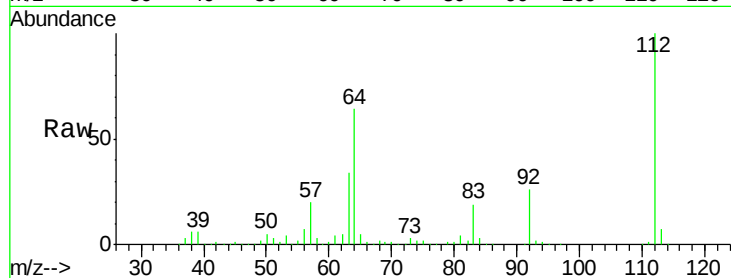
Tot Ion:112 Resp: 299111

Ion Ratio Lower Upper

112 100

64 63.5 48.6 73.0

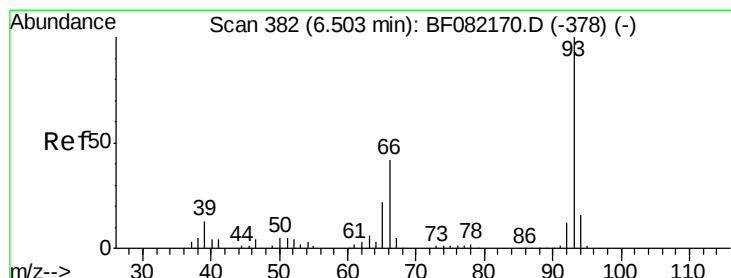
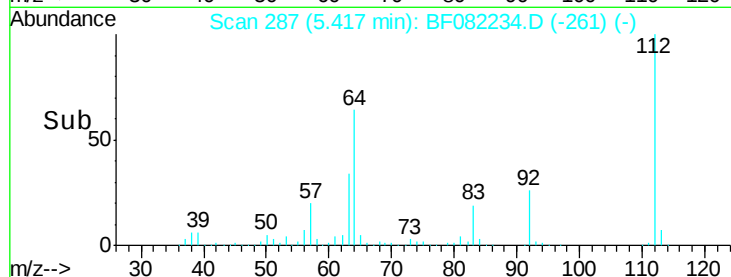
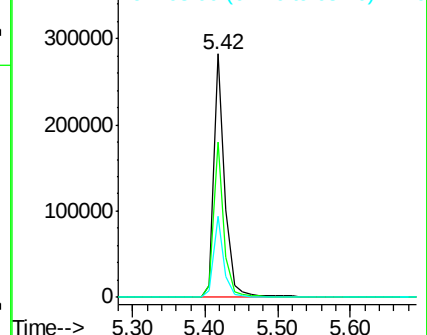
63 33.5 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.77 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

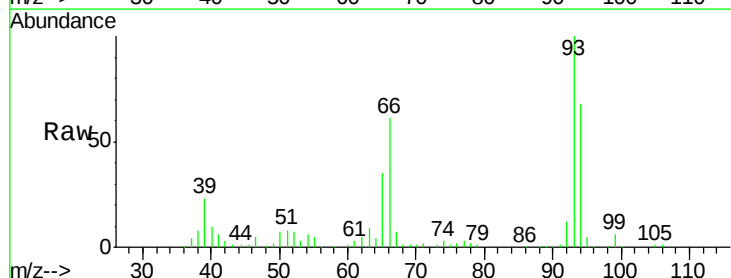
Tgt Ion: 93 Resp: 253449

Ion Ratio Lower Upper

93 100

66 60.9 34.2 51.2#

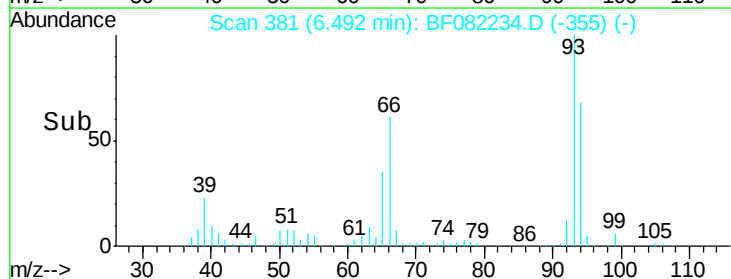
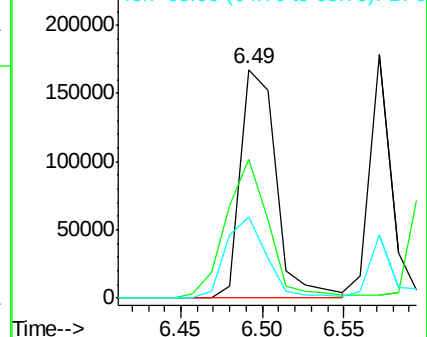
65 35.2 17.9 26.9#

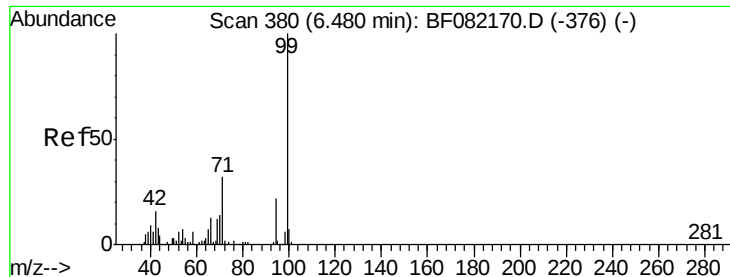


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.44 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

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ClientSampleId :

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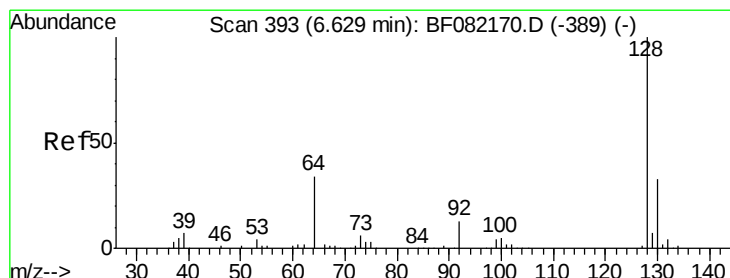
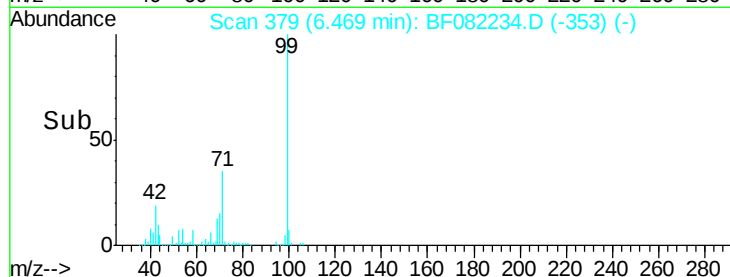
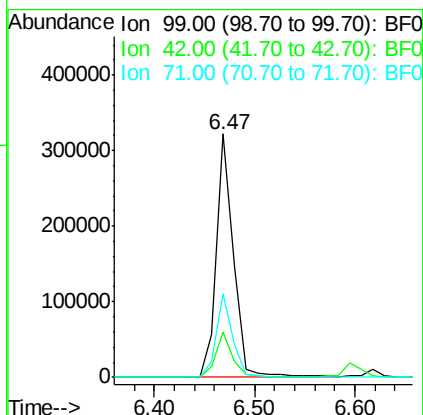
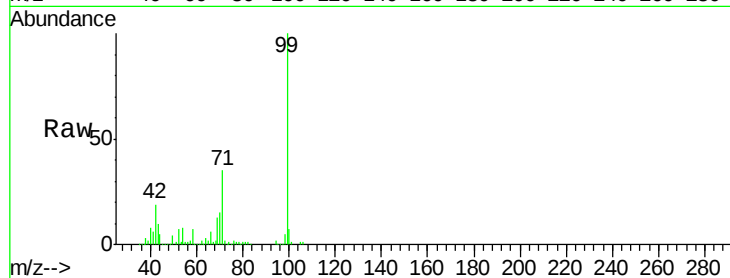
Tot Ion: 99 Resp: 382810

Ion Ratio Lower Upper

99 100

42 18.6 13.2 19.8

71 34.5 25.6 38.4



#8

2-Chlorophenol

Concen: 39.36 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

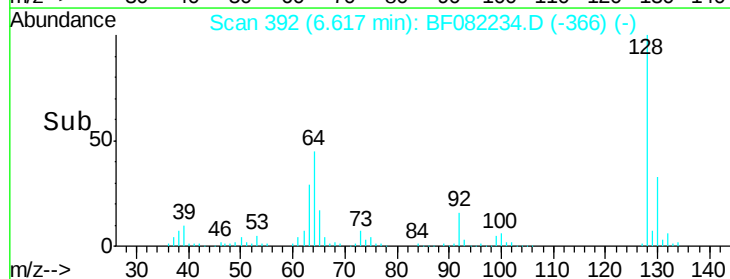
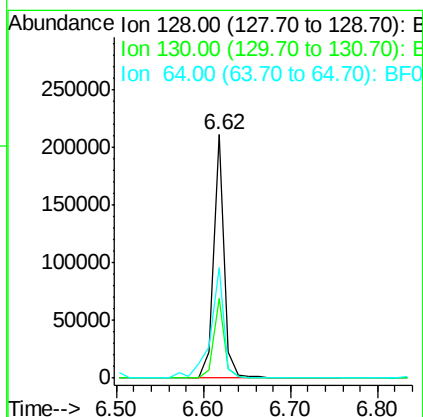
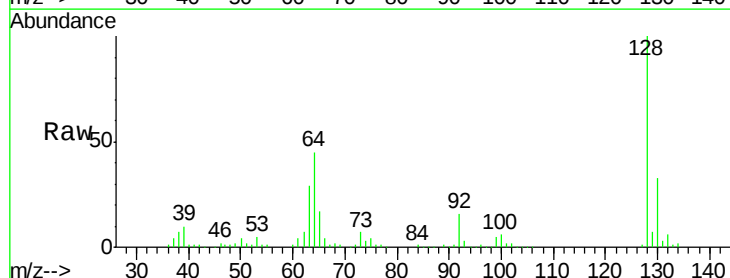
Tgt Ion: 128 Resp: 182537

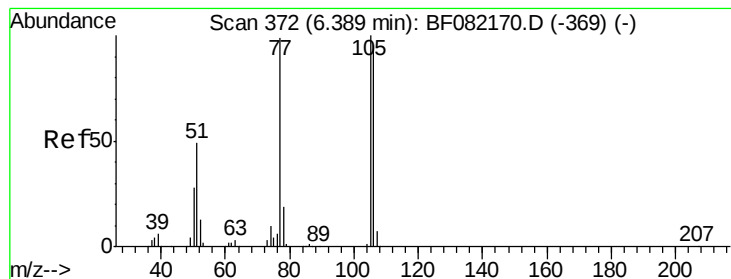
Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

64 45.4 16.7 56.7





#9

Benzaldehyde

Concen: 40.30 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

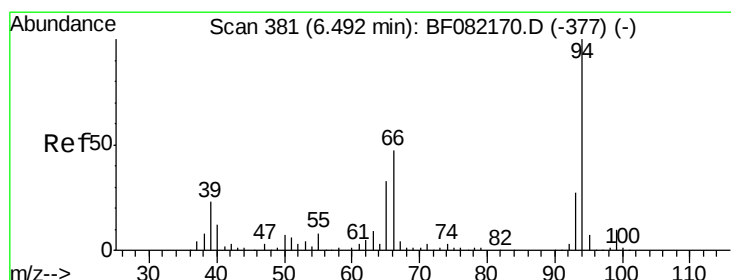
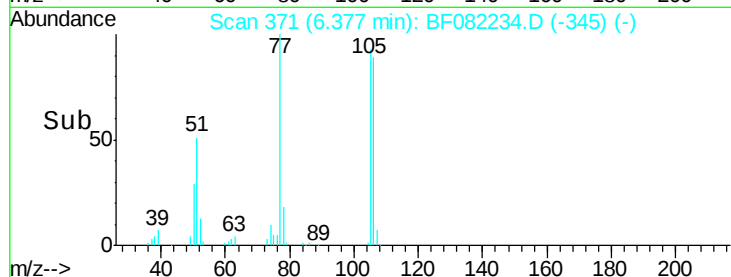
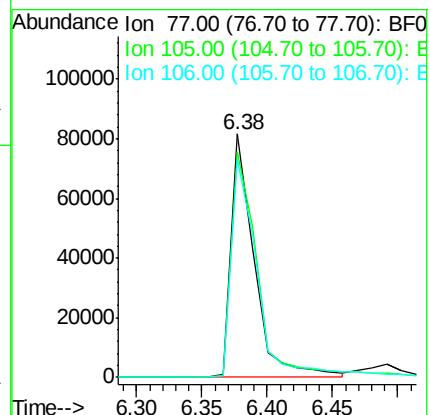
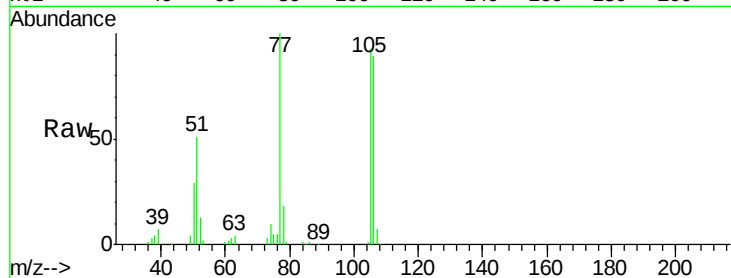
Tot Ion: 77 Resp: 101738

Ion Ratio Lower Upper

77 100

105 92.7 80.6 120.6

106 89.3 75.5 115.5



#10

Phenol

Concen: 35.44 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

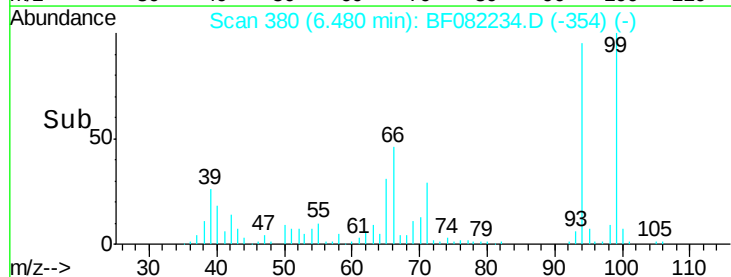
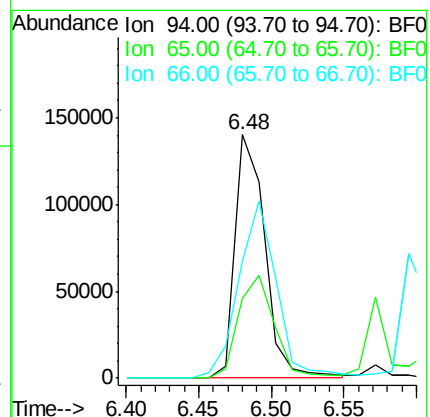
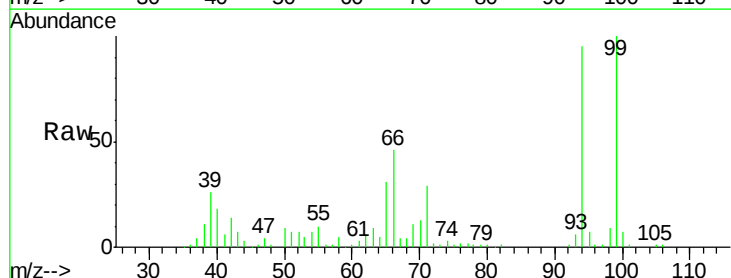
Tgt Ion: 94 Resp: 201981

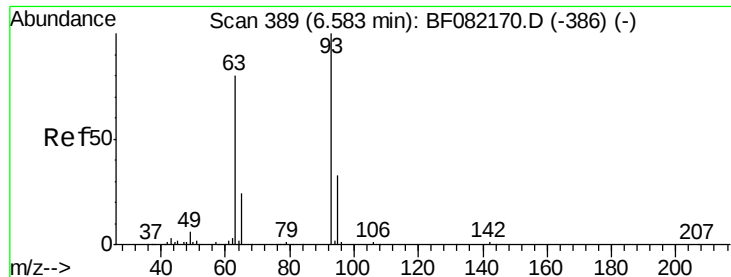
Ion Ratio Lower Upper

94 100

65 32.9 12.6 52.6

66 48.3 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 36.63 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

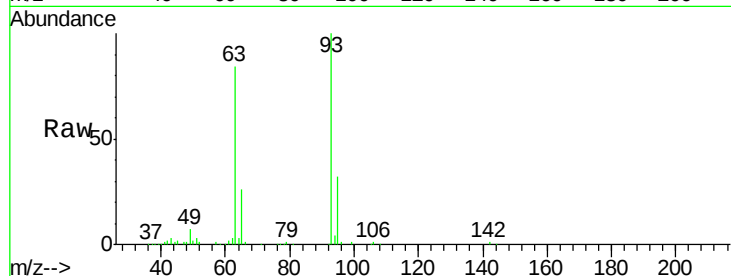
Tot Ion: 93 Resp: 176566

Ion Ratio Lower Upper

93 100

63 83.8 57.1 97.1

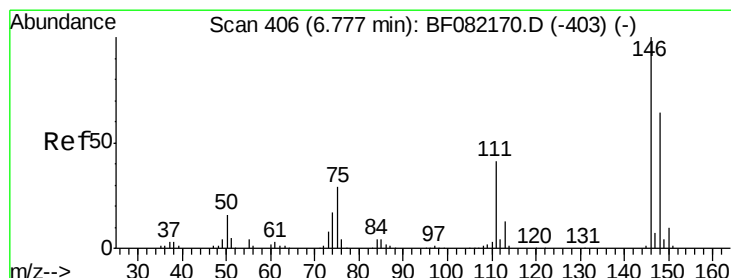
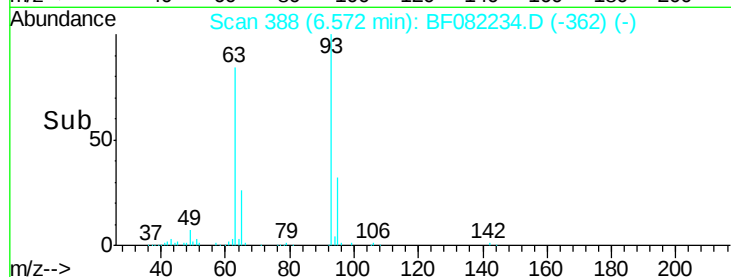
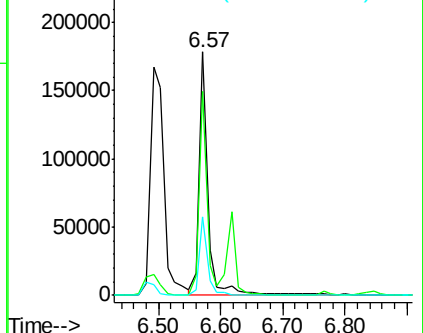
95 32.2 11.9 51.9



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: 36.83 ng

RT: 7.01 min Scan# 426

Delta R.T. 0.24 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

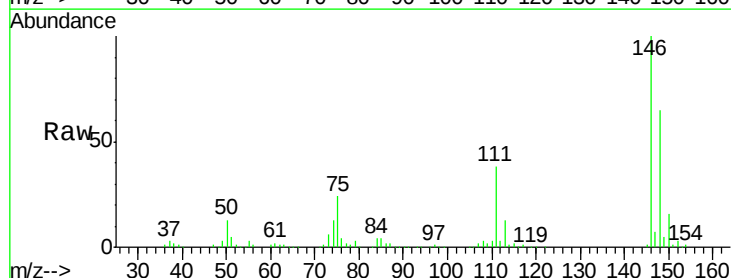
Tgt Ion: 146 Resp: 198896

Ion Ratio Lower Upper

146 100

148 65.5 51.4 77.2

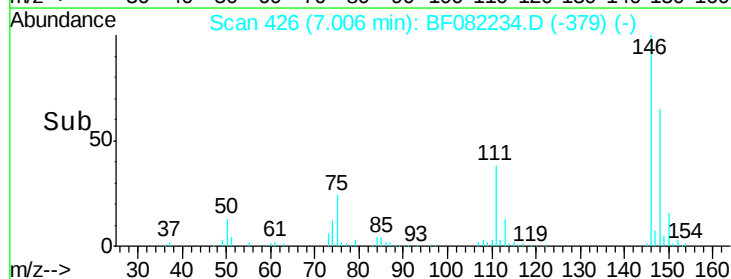
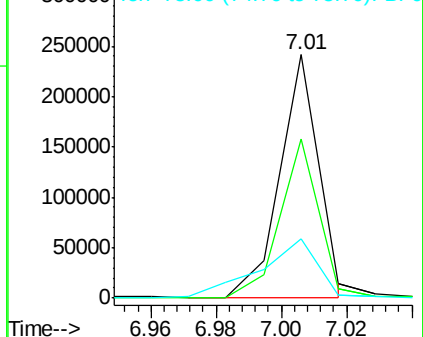
75 24.3 23.0 34.6

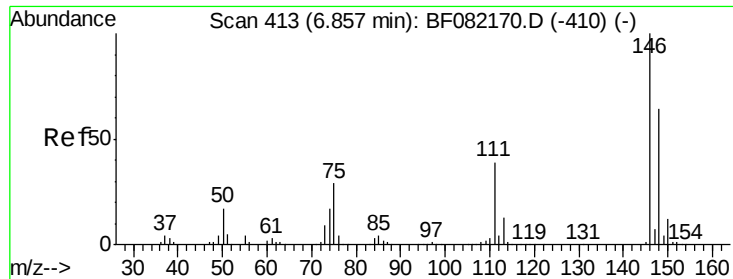


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

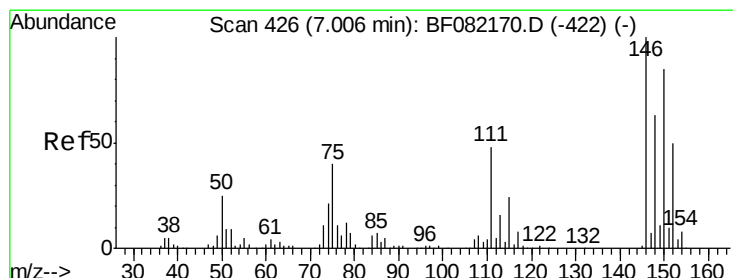
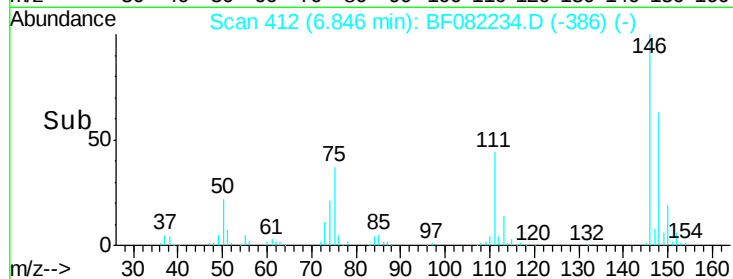
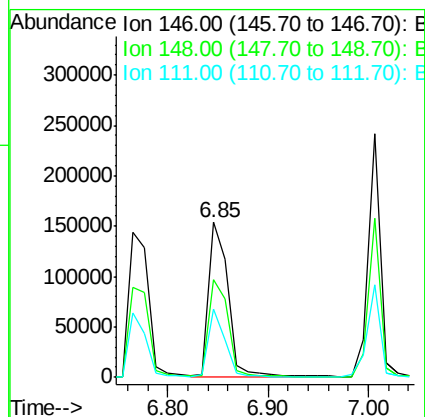
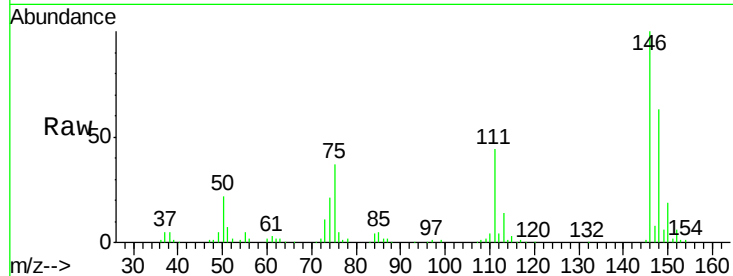




#13
 1,4-Dichlorobenzene
 Concen: 36.62 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

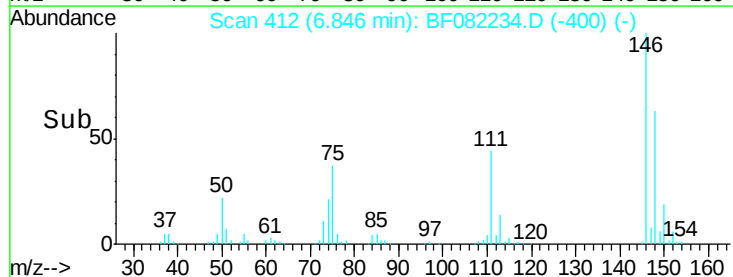
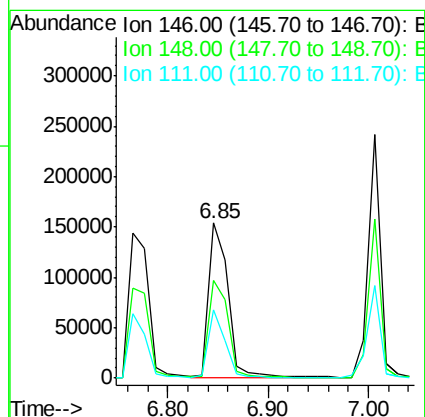
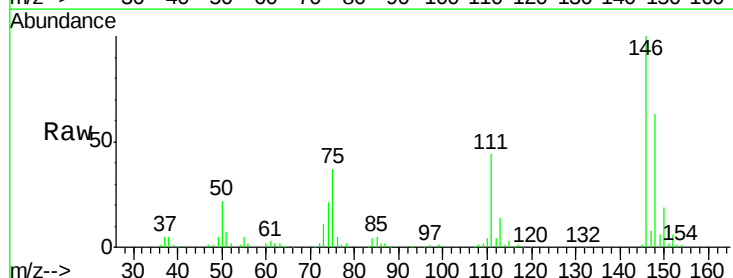
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

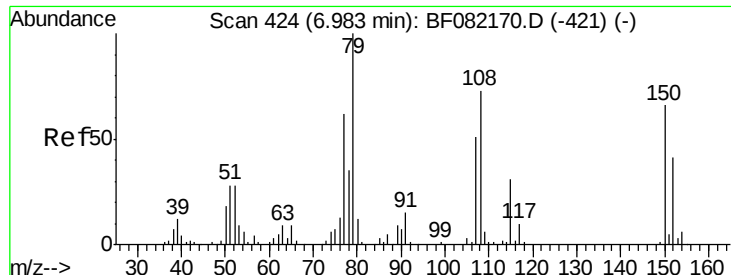
Tot Ion:146 Resp: 206533
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.0 76.4
 111 44.3 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 39.09 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.16 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Tgt Ion:146 Resp: 209324
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.5 75.7
 111 44.3 38.5 57.7





#15

Benzyl Alcohol

Concen: 42.15 ng

RT: 6.98 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

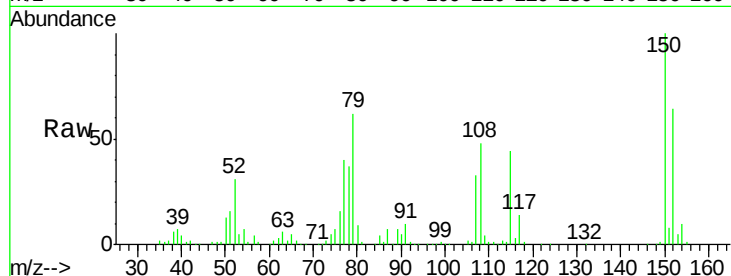
Tot Ion: 79 Resp: 143834

Ion Ratio Lower Upper

79 100

108 77.6 58.4 87.6

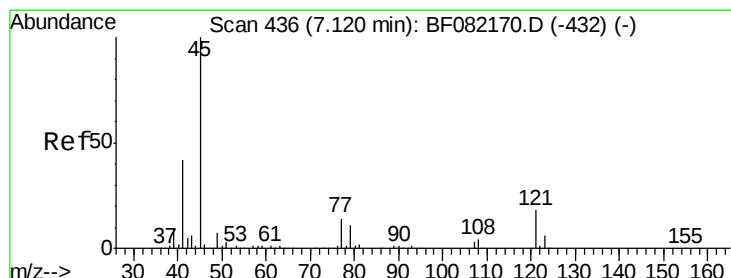
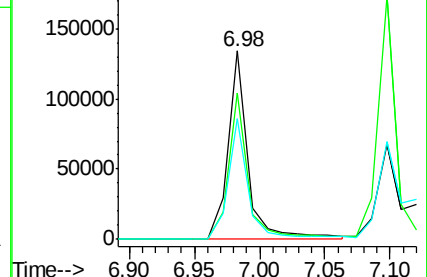
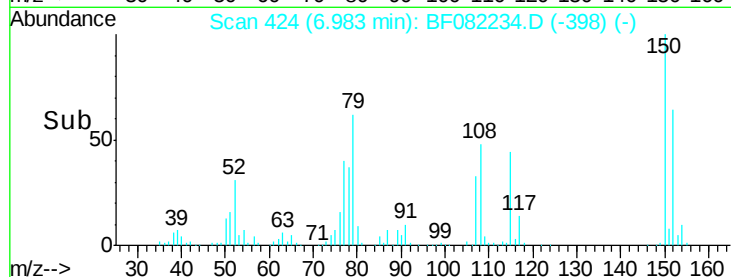
77 64.5 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.10 ng

RT: 7.12 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

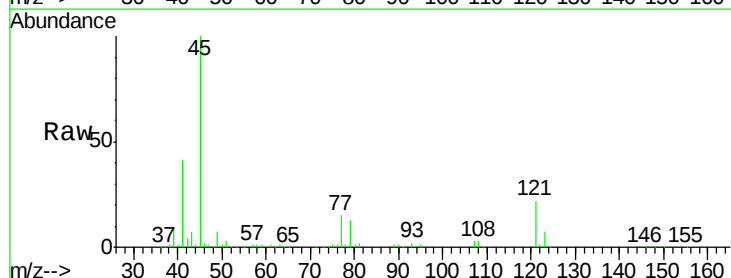
Tgt Ion: 45 Resp: 249016

Ion Ratio Lower Upper

45 100

77 15.2 0.0 34.5

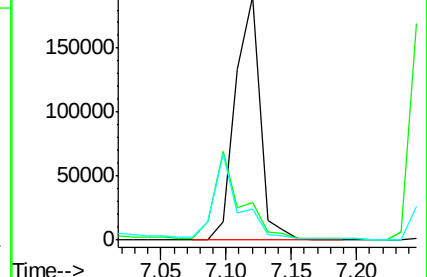
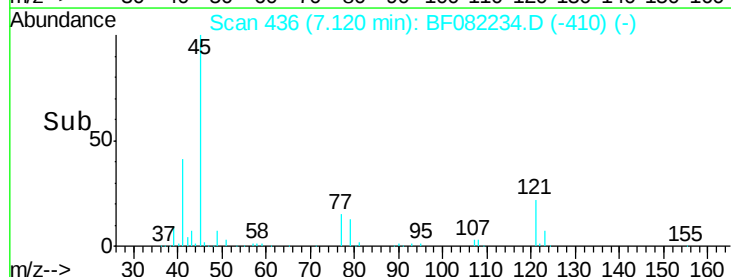
79 12.9 0.0 31.6

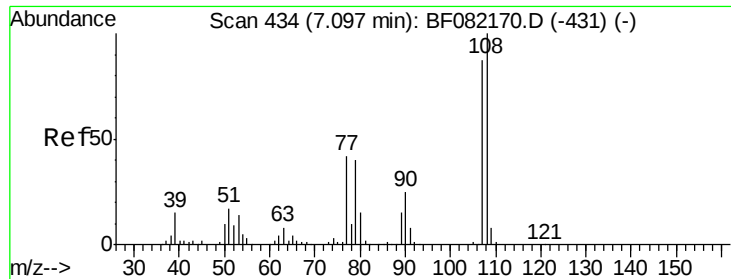


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.20 ng

RT: 7.10 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 147401

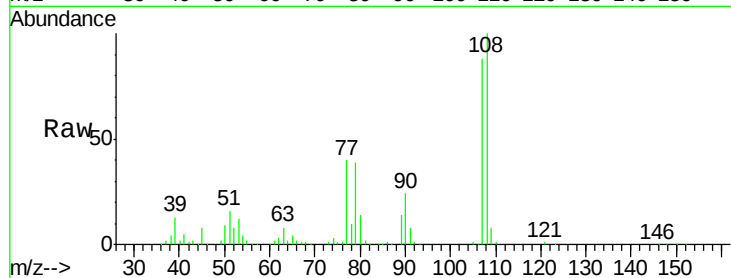
Ion Ratio Lower Upper

107 100

108 114.1 92.2 138.2

77 45.5 39.6 59.4

79 44.5 38.2 57.4

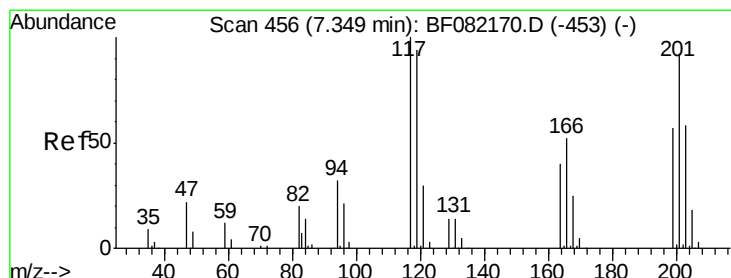
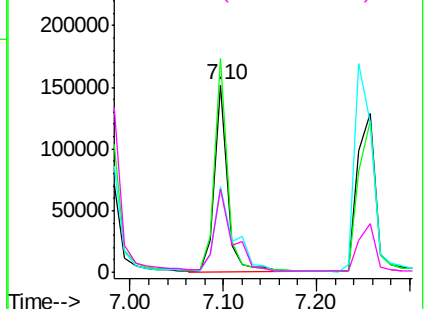
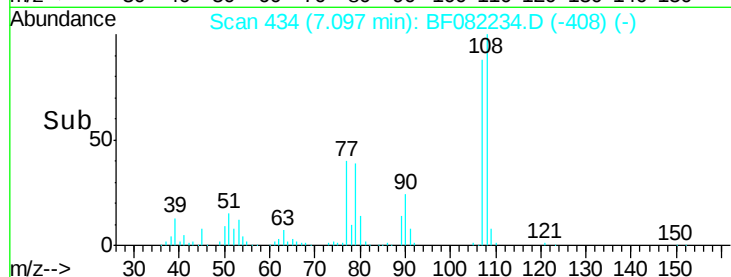


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.76 ng

RT: 7.35 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

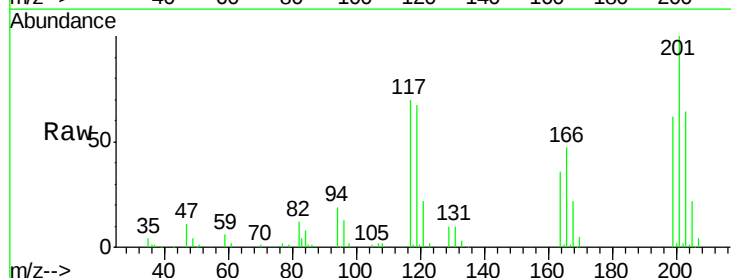
Tgt Ion:117 Resp: 69027

Ion Ratio Lower Upper

117 100

119 95.6 75.4 113.2

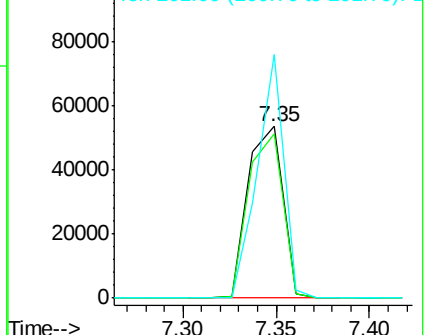
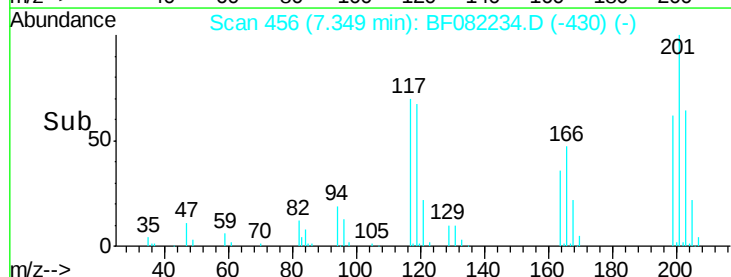
201 141.9 73.4 110.0#

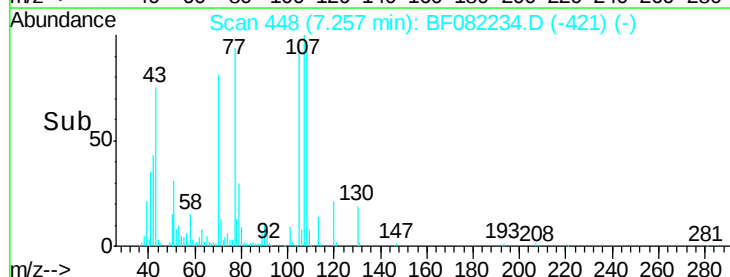
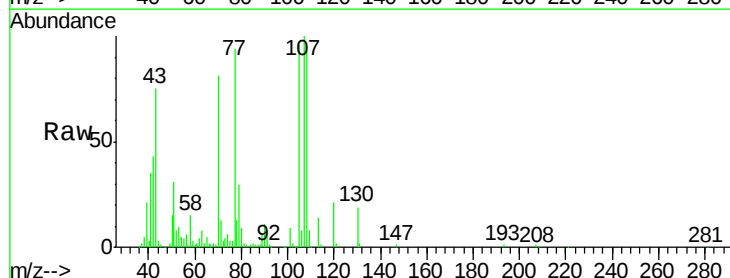
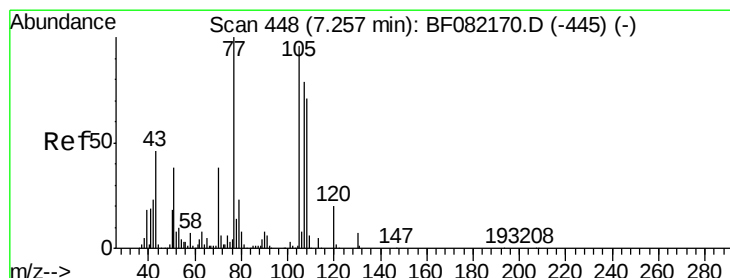
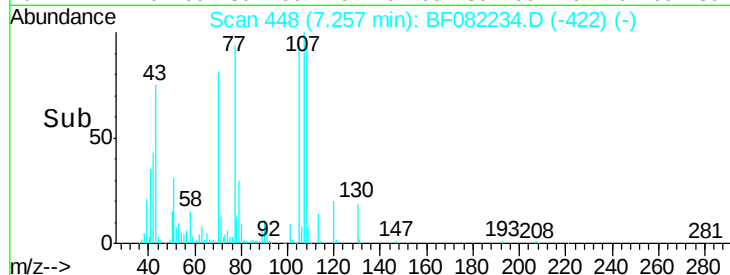
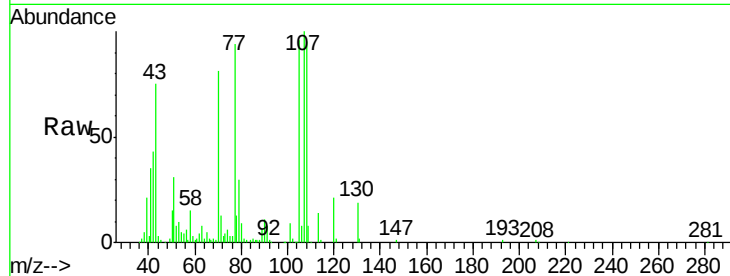
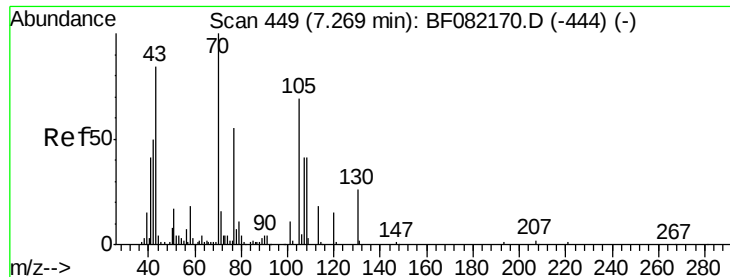


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.86 ng

RT: 7.26 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 131448

Ion Ratio Lower Upper

70 100

42 53.1 39.8 59.8

101 10.6 8.6 13.0

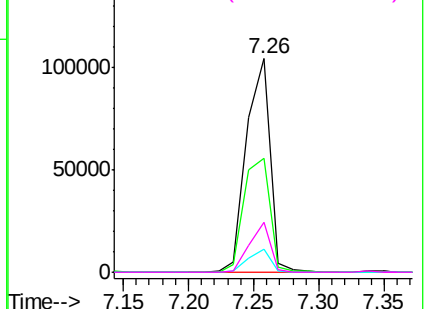
130 23.1 20.5 30.7

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 40.21 ng

RT: 7.26 min Scan# 448

Delta R.T. 0.01 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion: 107 Resp: 175702

Ion Ratio Lower Upper

107 100

108 95.2 69.9 109.9

77 94.4 106.0 146.0#

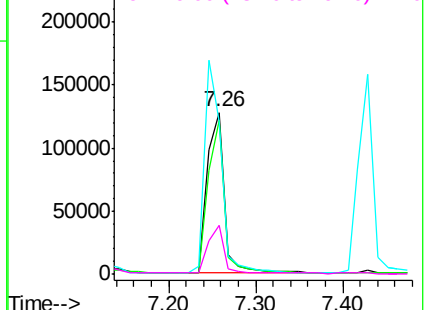
79 30.4 9.8 49.8

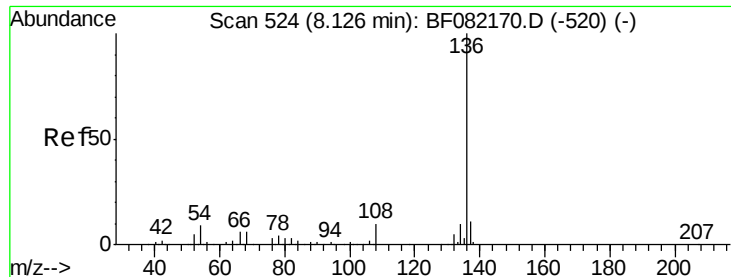
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 306046

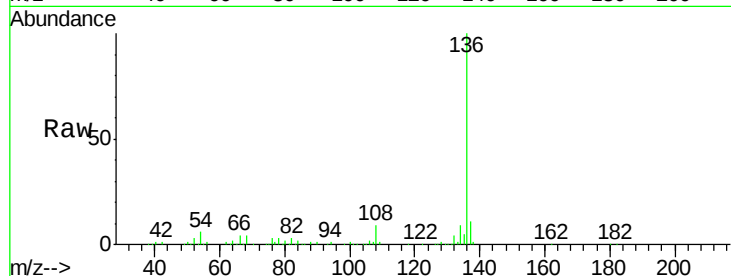
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.1 7.5 11.3#

68 4.2 4.6 7.0#

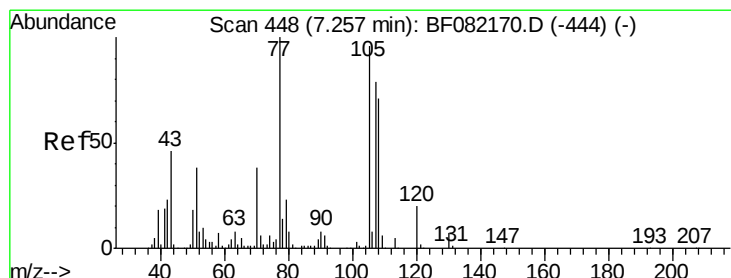
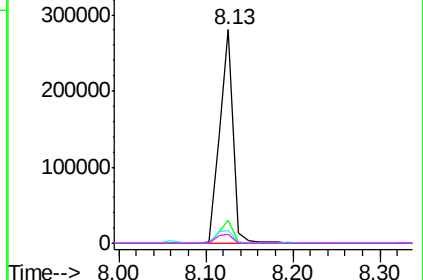
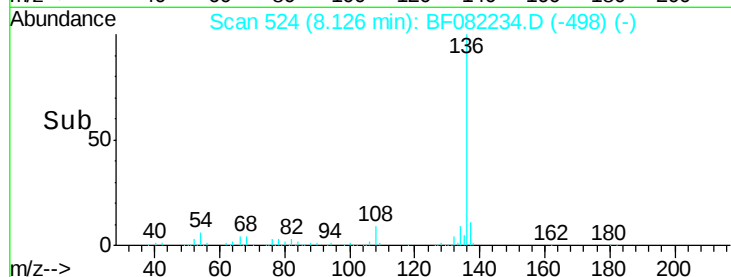


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.58 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion:105 Resp: 233583

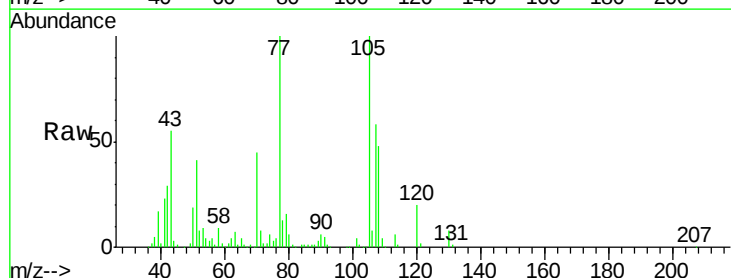
Ion Ratio Lower Upper

105 100

71 7.9 5.4 8.0

51 40.8 31.8 47.6

120 20.0 16.3 24.5

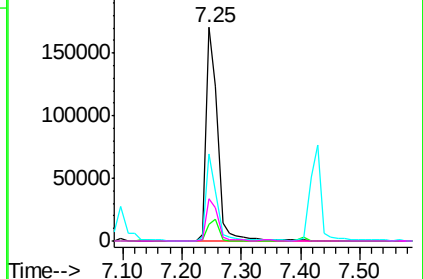
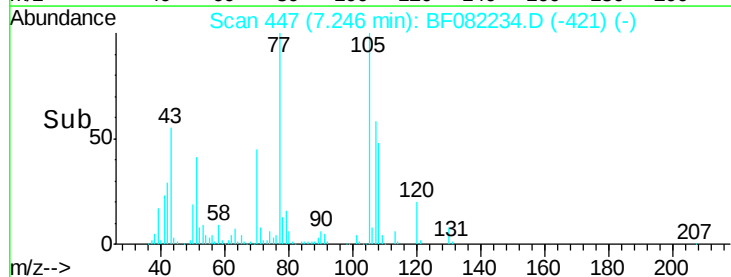


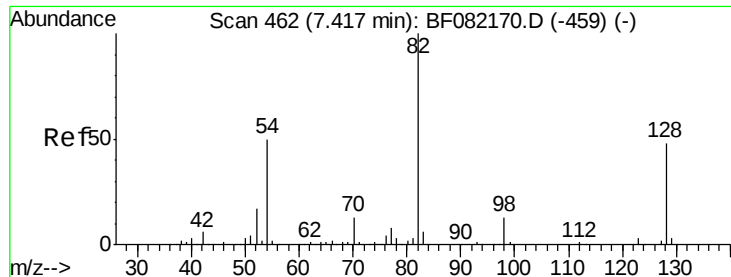
Abundance Ion 105.00 (104.70 to 105.70): E

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

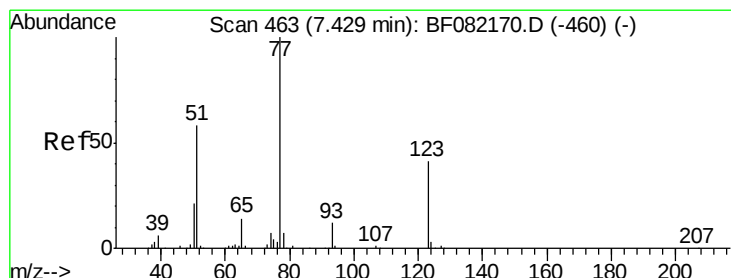
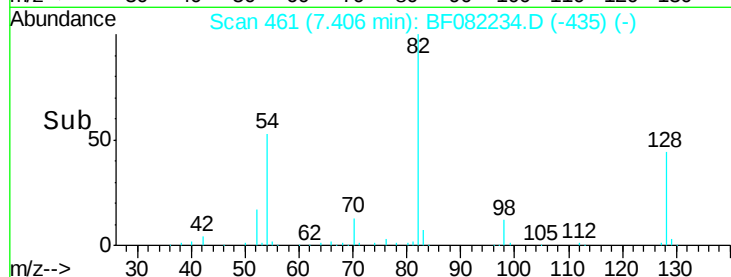
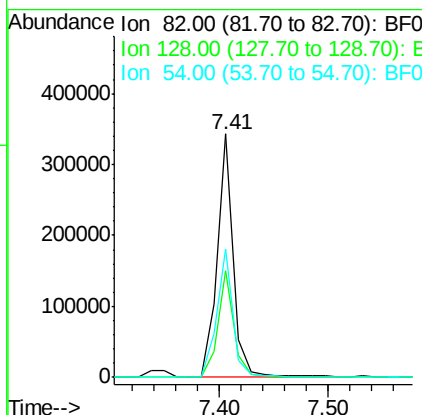
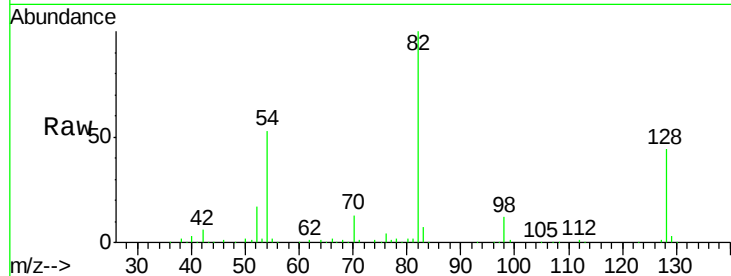




#23
 Nitrobenzene-d5
 Concen: 78.99 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

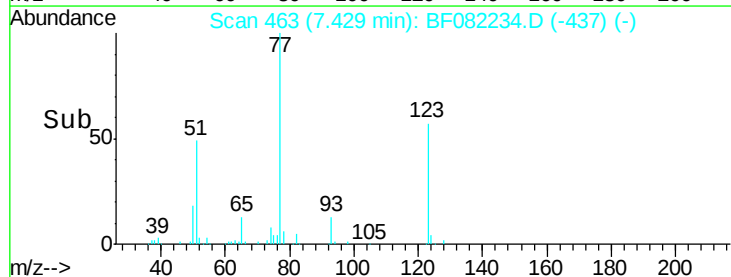
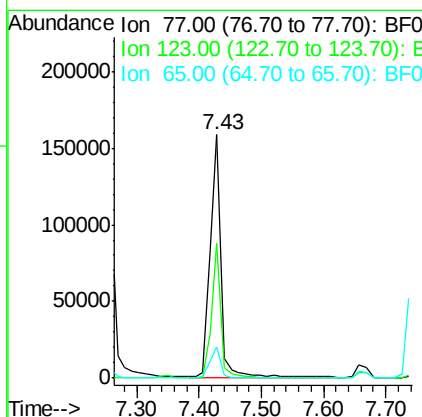
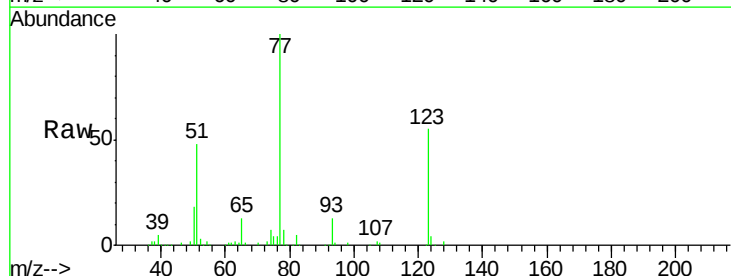
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

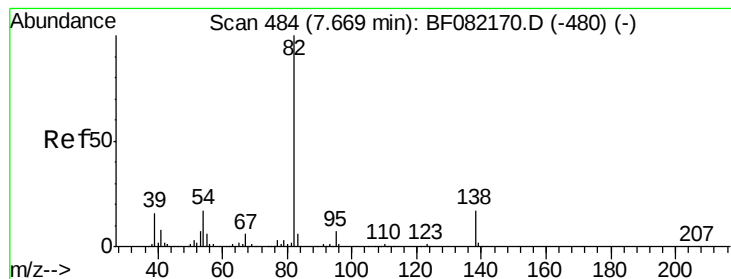
Tot Ion: 82 Resp: 359977
 Ion Ratio Lower Upper
 82 100
 128 43.7 38.7 58.1
 54 53.0 40.1 60.1



#24
 Nitrobenzene
 Concen: 38.29 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Tgt Ion: 77 Resp: 188873
 Ion Ratio Lower Upper
 77 100
 123 55.1 33.0 49.4#
 65 12.9 11.2 16.8





#25

Isophorone

Concen: 36.99 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

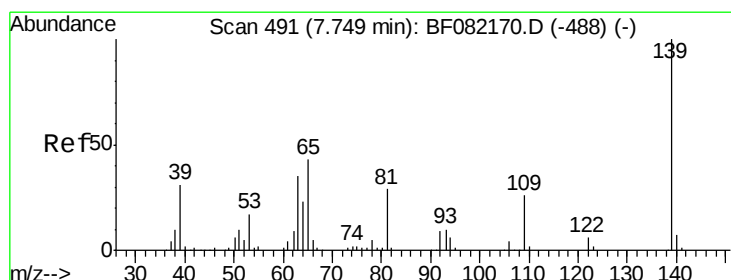
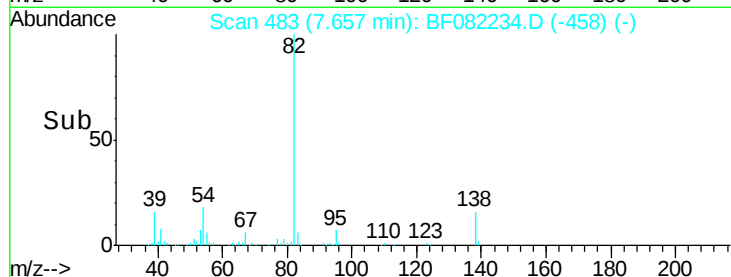
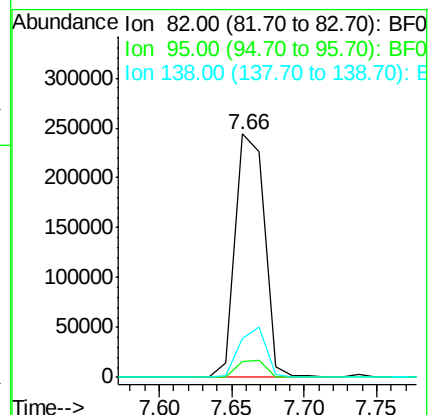
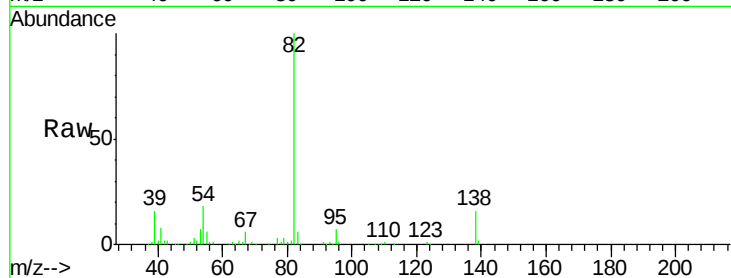
Tot Ion: 82 Resp: 340201

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 15.7 13.6 20.4



#26

2-Nitrophenol

Concen: 39.95 ng

RT: 7.74 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

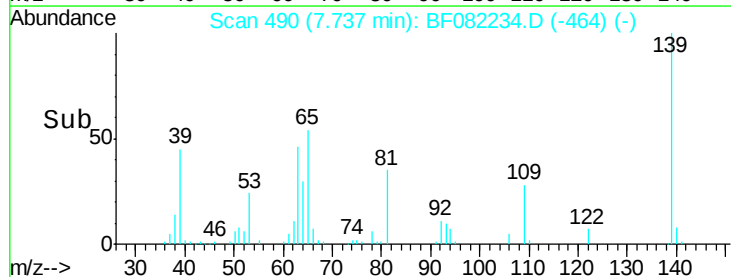
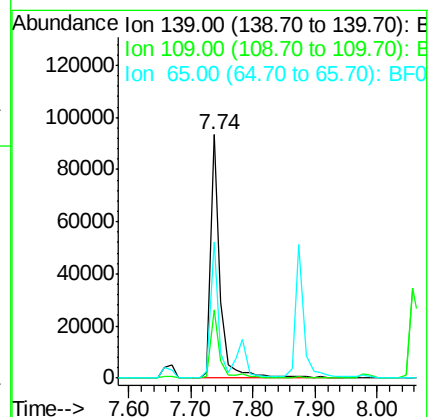
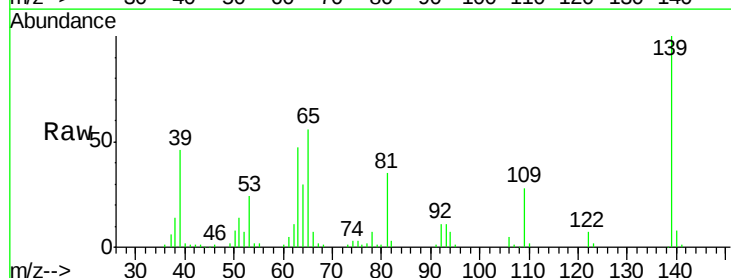
Tgt Ion: 139 Resp: 98408

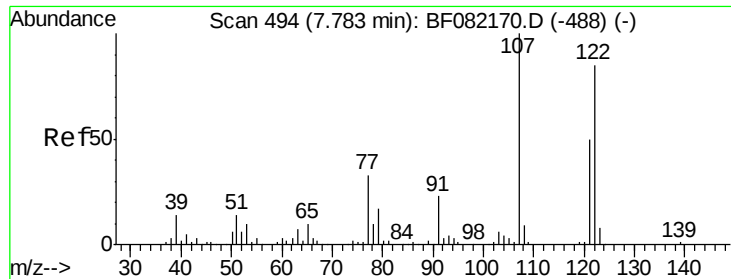
Ion Ratio Lower Upper

139 100

109 28.1 20.6 31.0

65 55.9 34.3 51.5#

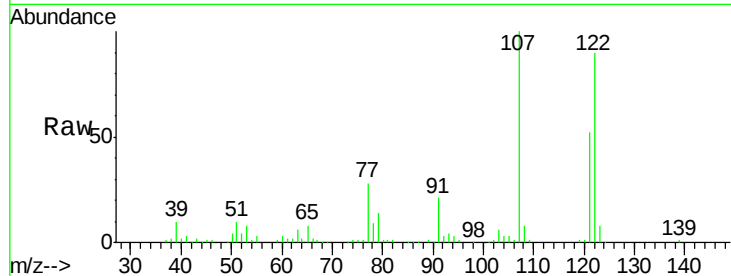




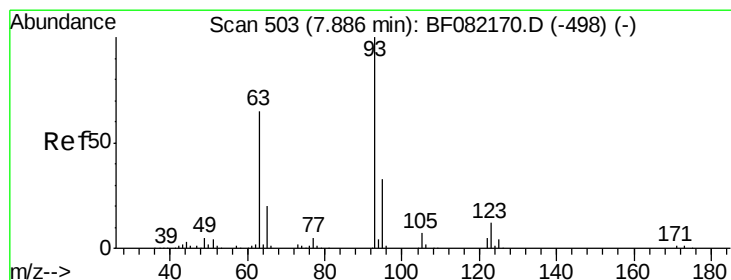
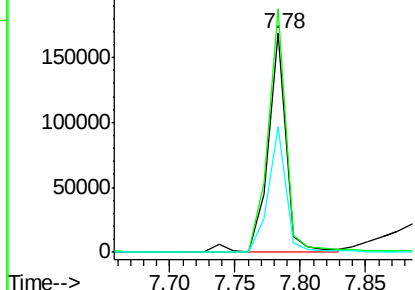
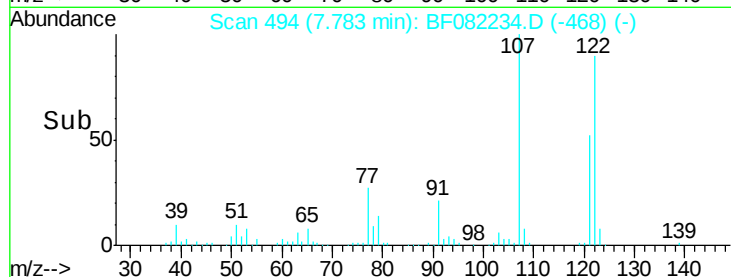
#27
2,4-Dimethylphenol
Concen: 42.01 ng
RT: 7.78 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:122 Resp: 166732
Ion Ratio Lower Upper
122 100
107 111.2 94.0 141.0
121 57.4 46.8 70.2

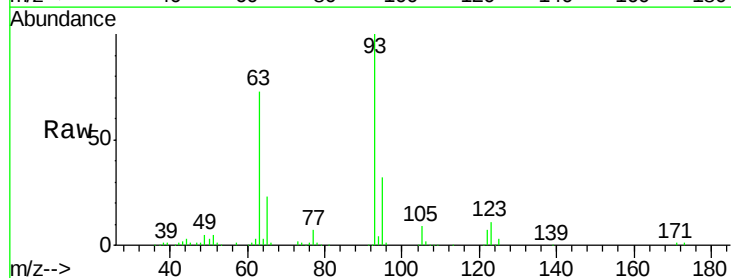


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

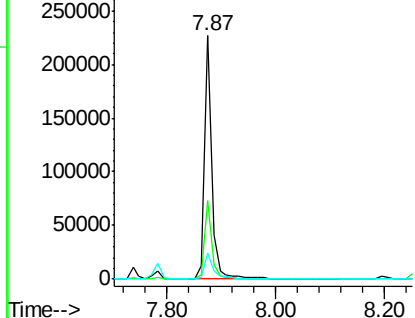
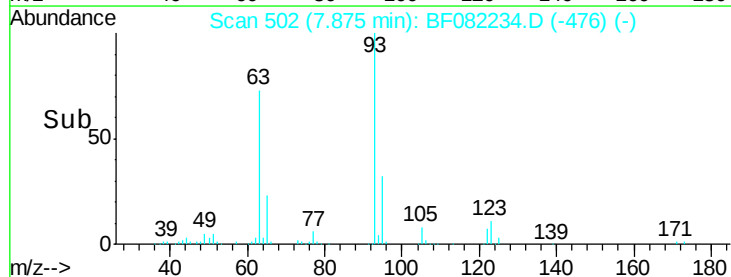


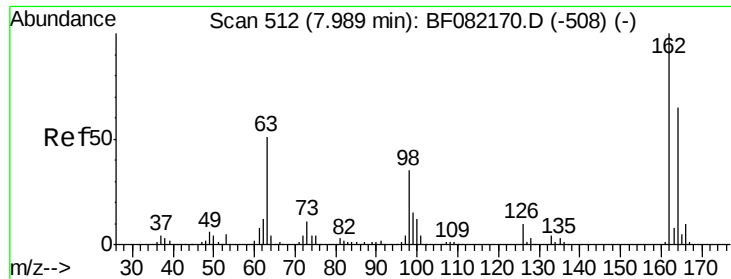
#28
bis(2-Chloroethoxy)methane
Concen: 39.56 ng
RT: 7.87 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion: 93 Resp: 211698
Ion Ratio Lower Upper
93 100
95 32.4 26.6 39.8
123 10.6 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

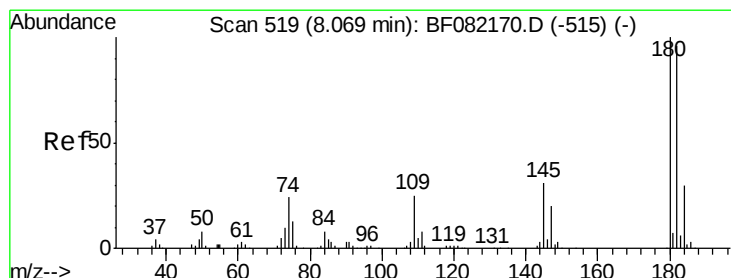
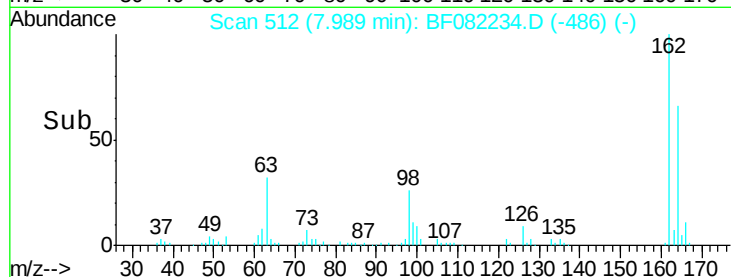
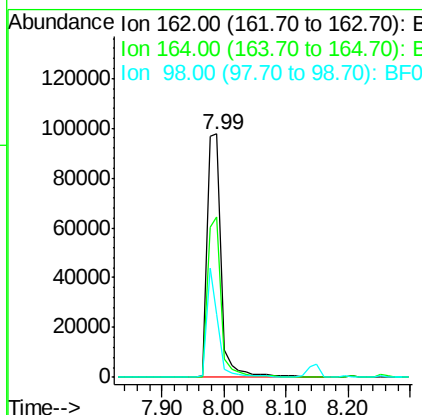
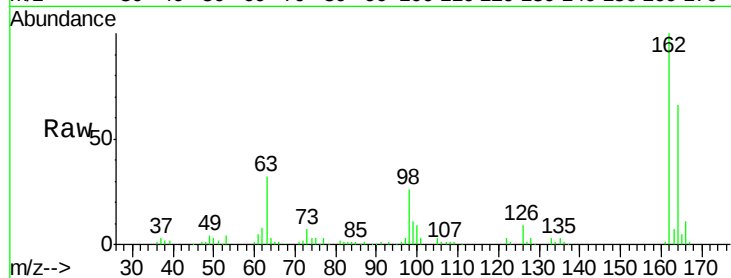




#29
2,4-Dichlorophenol
Concen: 38.59 ng
RT: 7.99 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

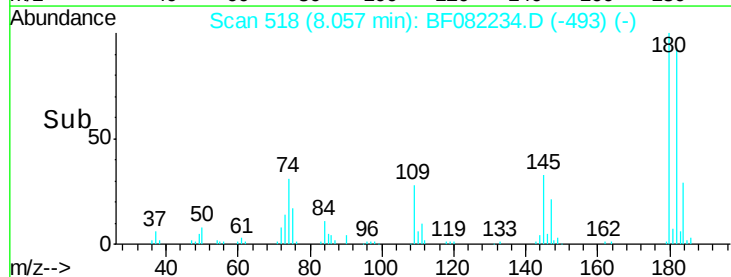
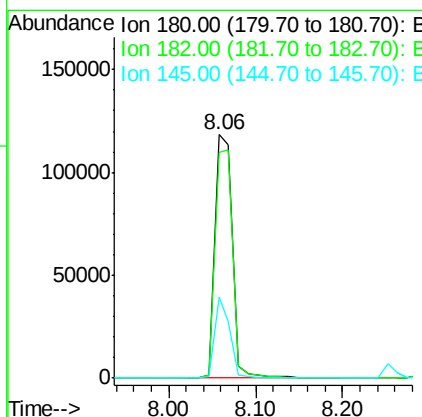
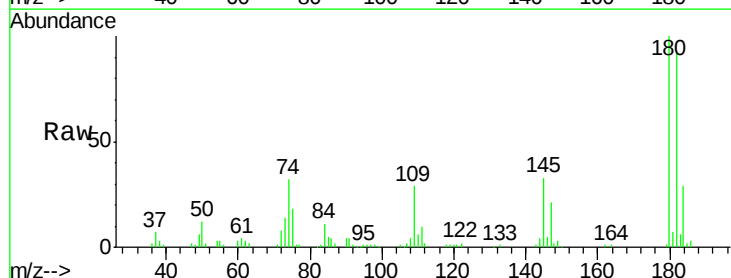
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

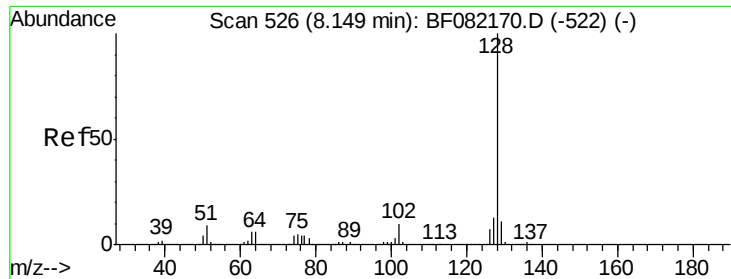
Tot Ion:162 Resp: 153079
Ion Ratio Lower Upper
162 100
164 65.9 44.6 84.6
98 25.8 15.0 55.0



#30
1,2,4-Trichlorobenzene
Concen: 36.85 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion:180 Resp: 168480
Ion Ratio Lower Upper
180 100
182 92.5 77.0 115.4
145 33.1 25.0 37.4

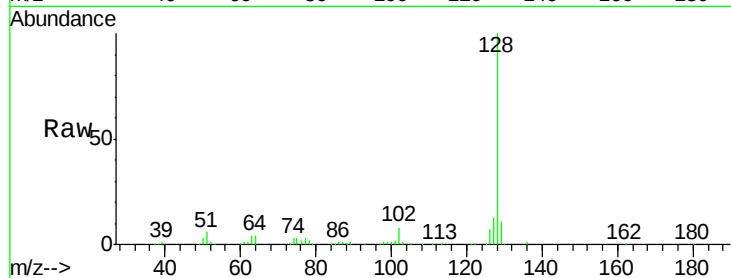




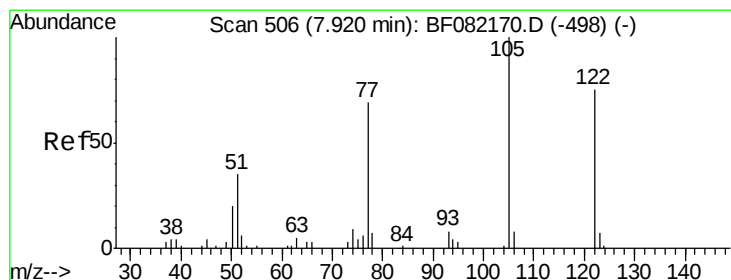
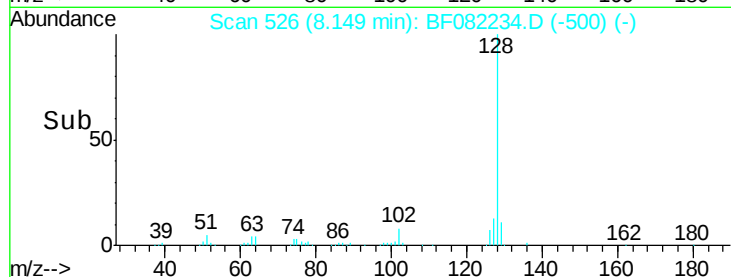
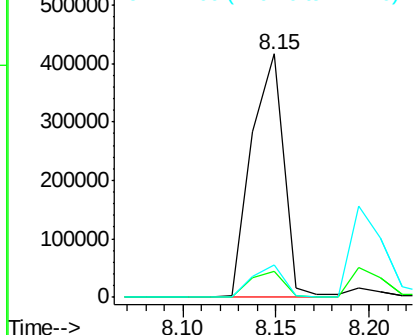
#31
Naphthalene
Concen: 37.74 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 500732
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.2 10.7 16.1

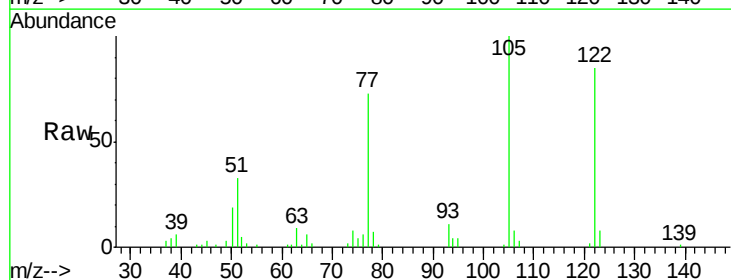


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

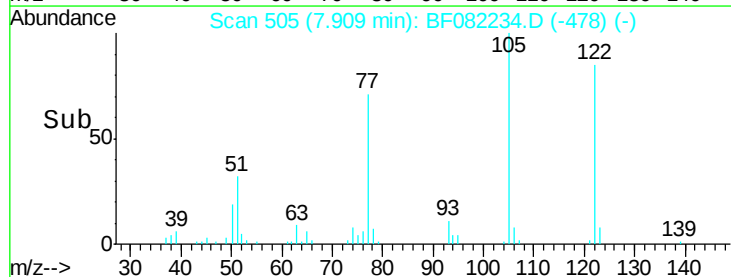
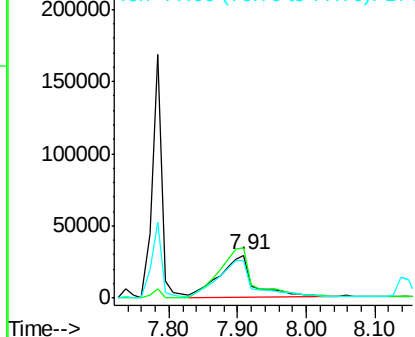


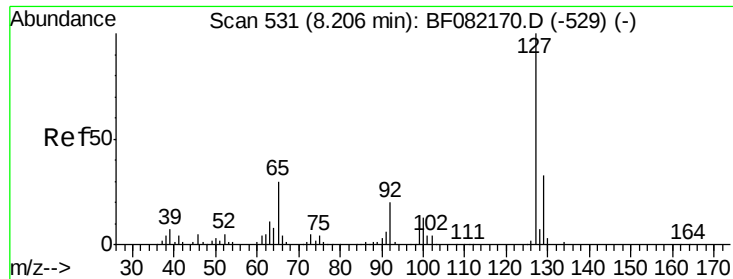
#32
Benzoic acid
Concen: 37.97 ng
RT: 7.91 min Scan# 505
Delta R.T. 0.01 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion:122 Resp: 101136
Ion Ratio Lower Upper
122 100
105 118.2 104.4 144.4
77 86.3 69.0 109.0



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

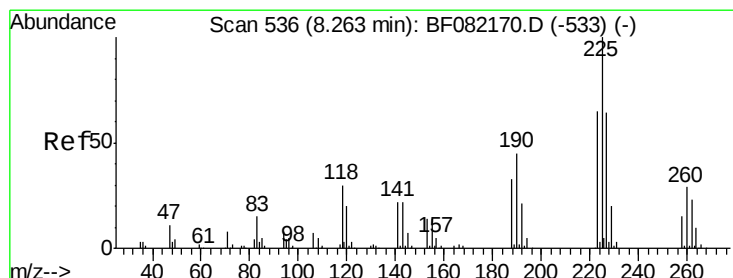
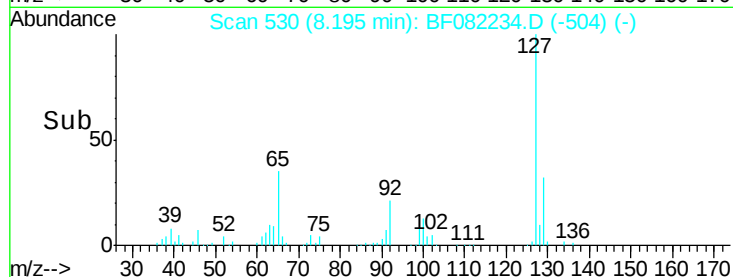
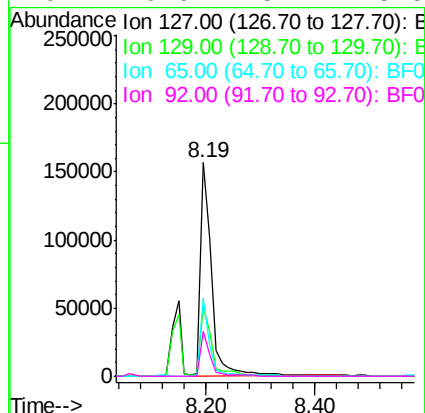
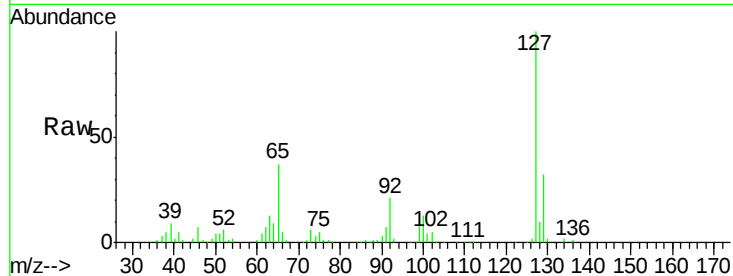




#33
4-Chloroaniline
Concen: 39.34 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

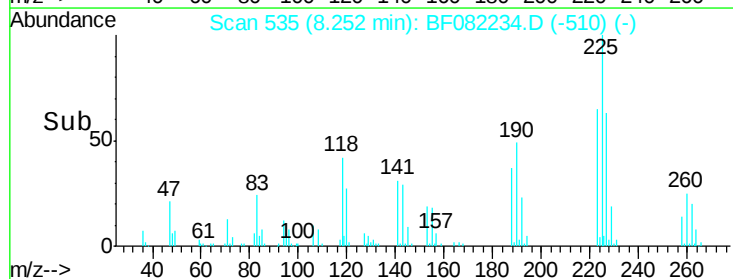
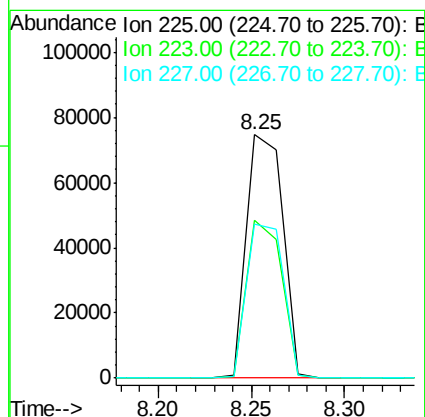
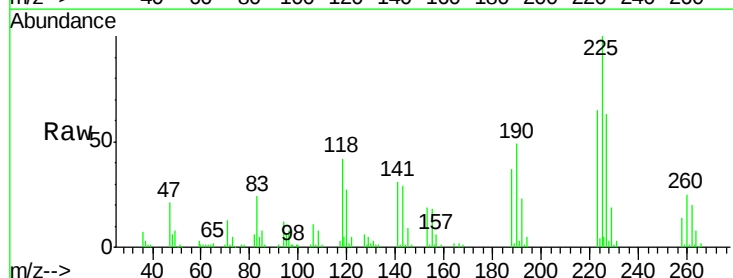
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

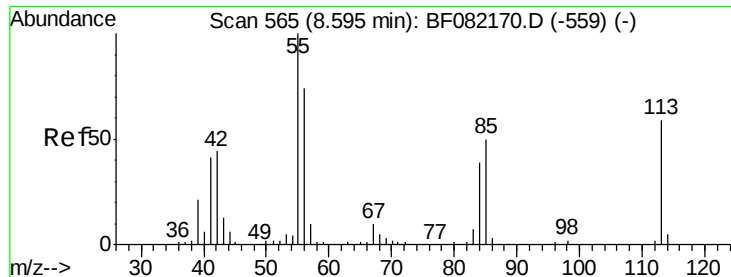
Tot Ion:	127	Resp:	216749
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	36.7	24.4	36.6#
92	20.9	15.7	23.5



#34
Hexachlorobutadiene
Concen: 35.38 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion:	225	Resp:	100809
Ion	Ratio	Lower	Upper
225	100		
223	64.7	52.2	78.2
227	63.2	51.3	76.9





#35

Caprolactam

Concen: 43.58 ng

RT: 8.58 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

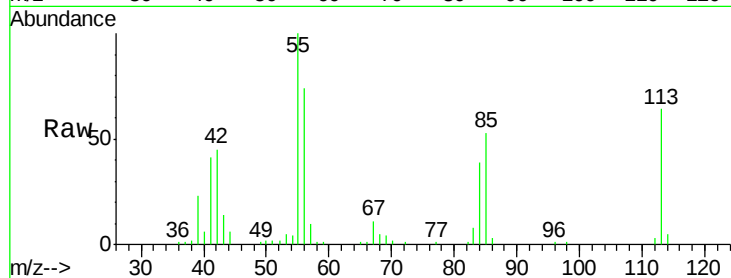
Tot Ion:113 Resp: 50172

Ion Ratio Lower Upper

113 100

55 156.4 149.7 189.7

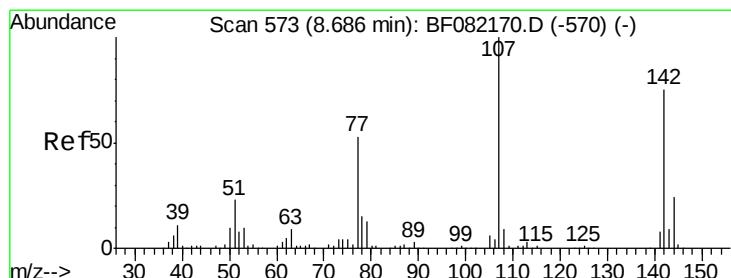
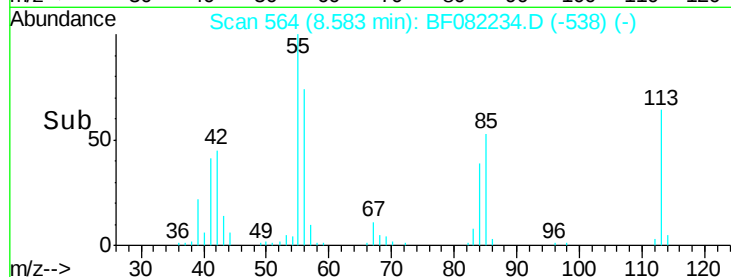
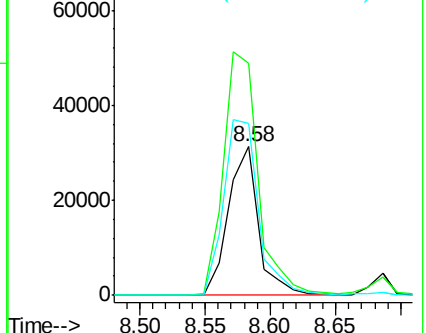
56 115.8 105.4 145.4



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: 43.14 ng

RT: 8.69 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

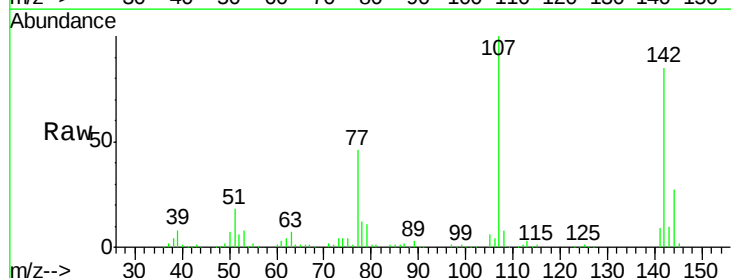
Tgt Ion:107 Resp: 167344

Ion Ratio Lower Upper

107 100

144 27.3 19.3 28.9

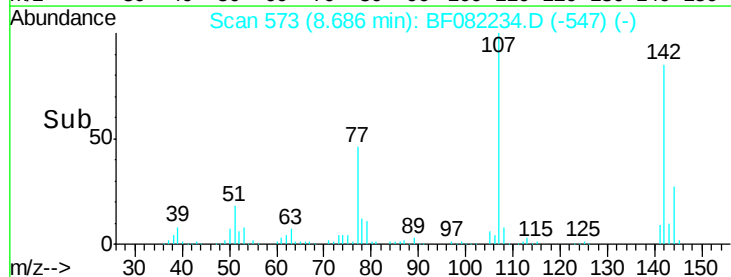
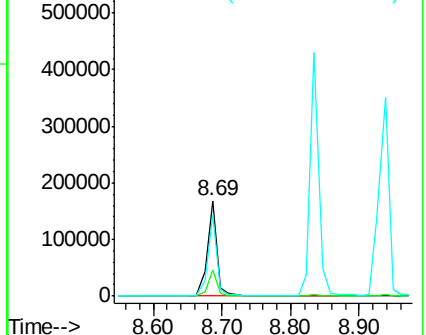
142 85.4 59.9 89.9

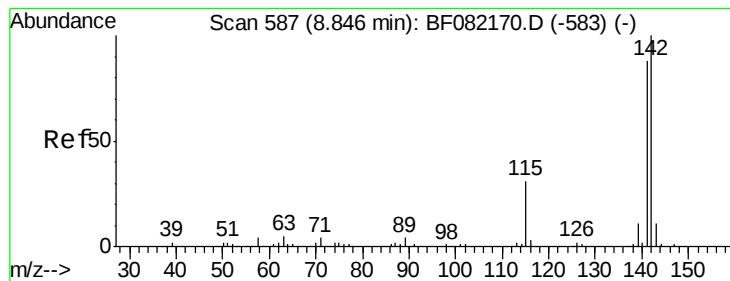


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.38 ng

RT: 8.83 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

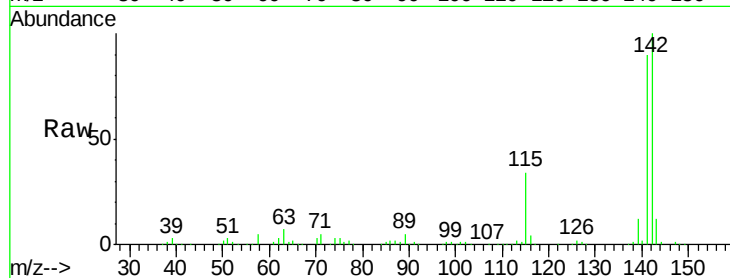
Tot Ion:142 Resp: 362211

Ion Ratio Lower Upper

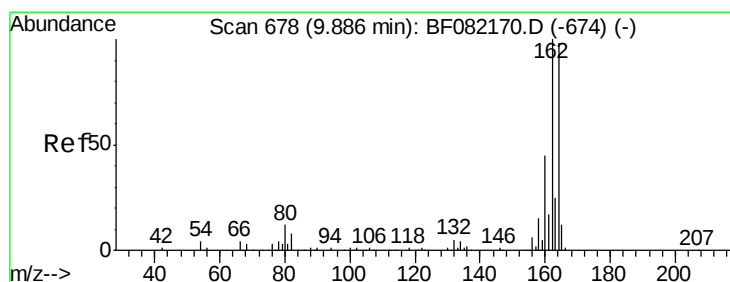
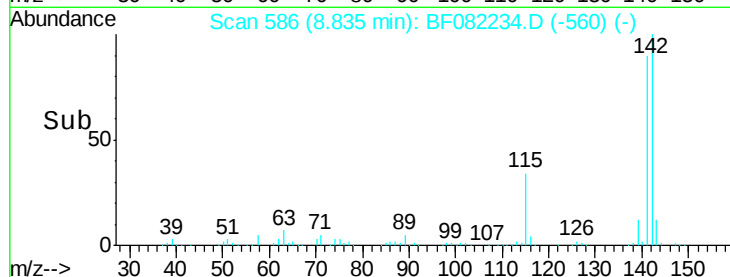
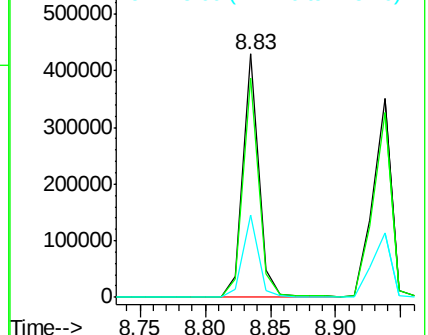
142 100

141 90.0 70.4 105.6

115 33.8 24.6 37.0



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: 9.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

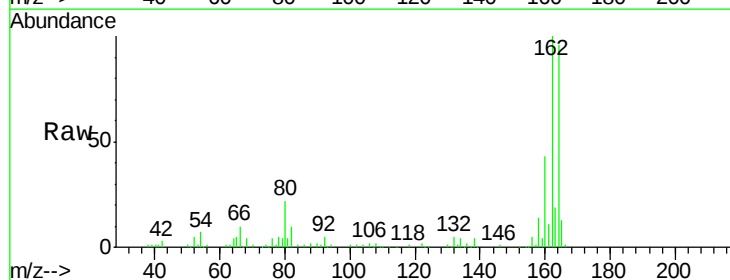
Tgt Ion:164 Resp: 150412

Ion Ratio Lower Upper

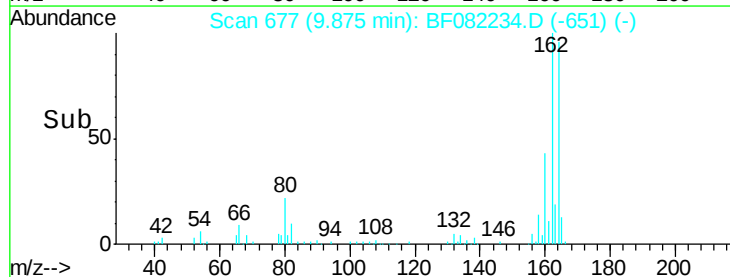
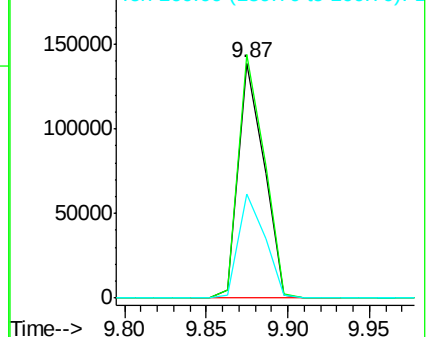
164 100

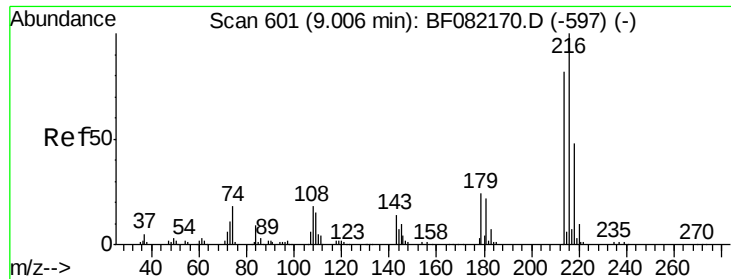
162 103.6 81.6 122.4

160 44.2 36.4 54.6



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

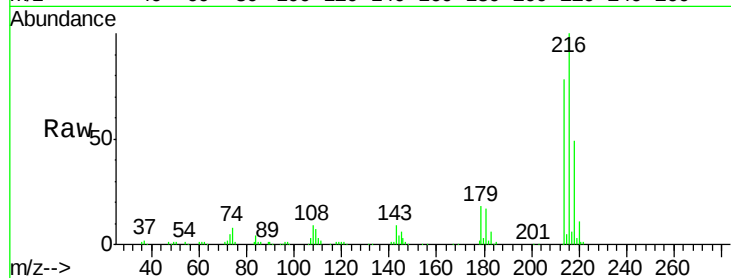




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.58 ng
 RT: 9.01 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:216	Resp:	172610
Ion Ratio	Lower	Upper
216	100	
214	79.4	64.6 97.0
179	20.3	17.6 26.4
108	15.9	14.5 21.7

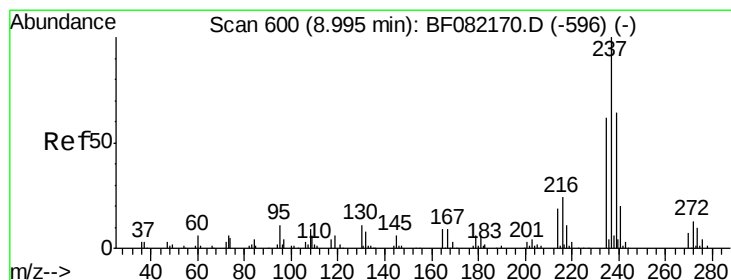
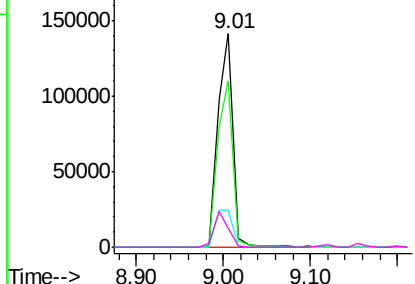
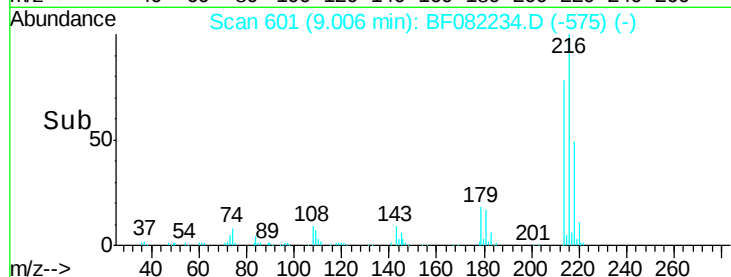


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

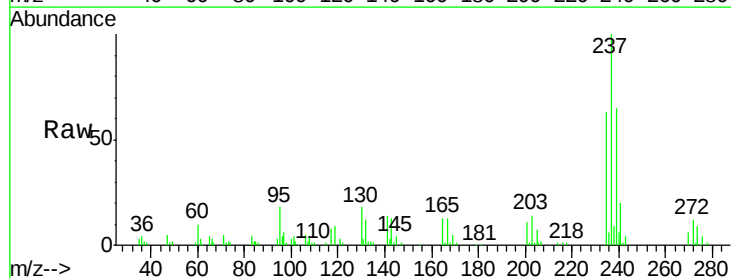
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 33.27 ng
 RT: 8.98 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

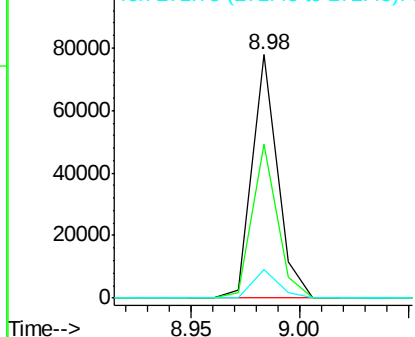
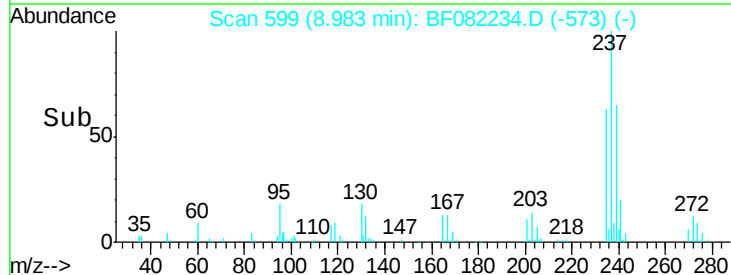
Tgt Ion:237	Resp:	63070
Ion Ratio	Lower	Upper
237	100	
235	63.0	41.7 81.7
272	11.9	0.0 32.8

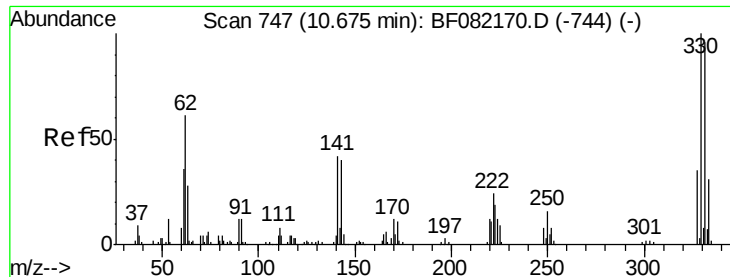


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

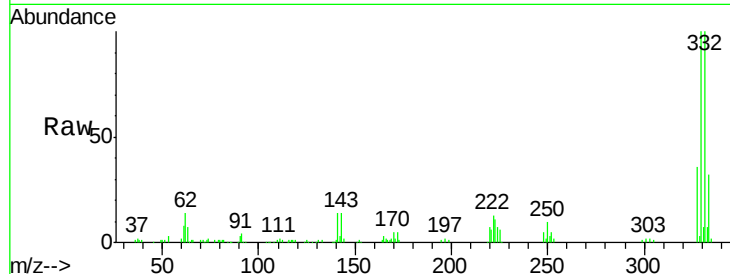




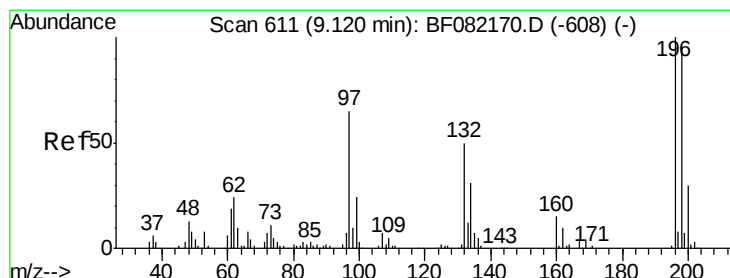
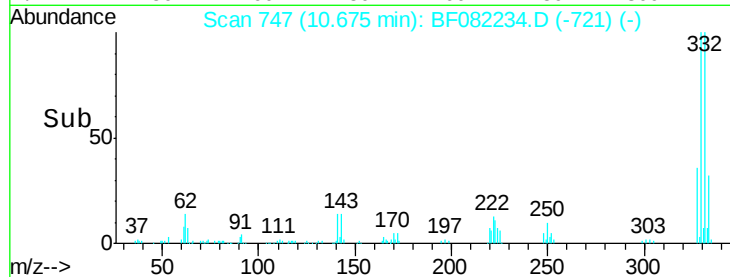
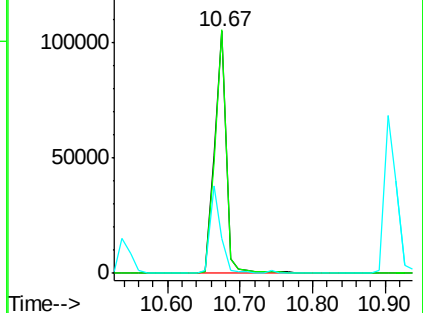
#41
 2,4,6-Tribromophenol
 Concen: 83.13 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 117259
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.1 115.7
 141 33.6 29.8 44.8

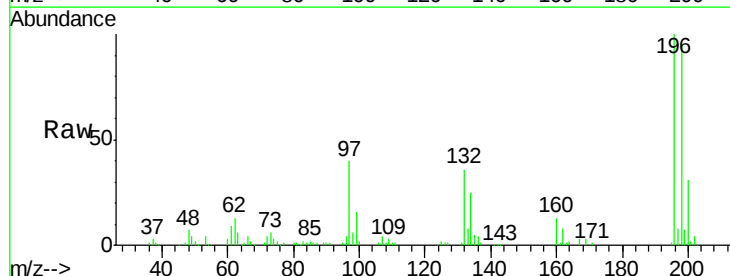


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

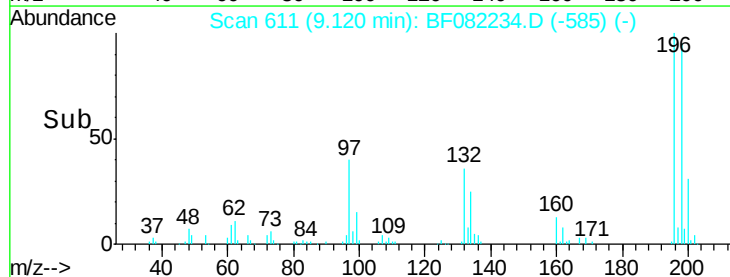
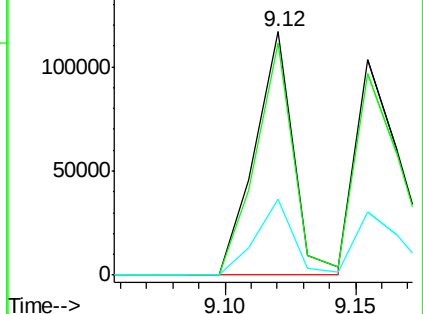


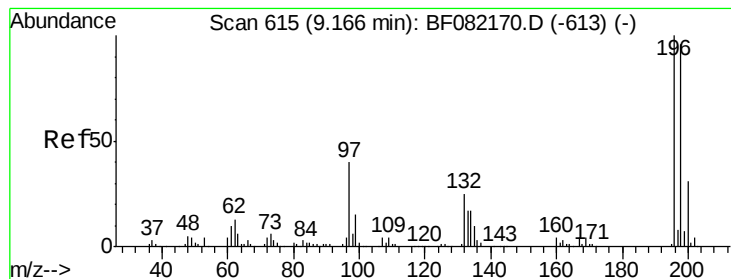
#42
 2,4,6-Trichlorophenol
 Concen: 40.53 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Tgt Ion:196 Resp: 120438
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.6 115.0
 200 31.0 23.7 35.5



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





#43

2,4,5-Trichlorophenol

Concen: 39.35 ng

RT: 9.15 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:196 Resp: 126676

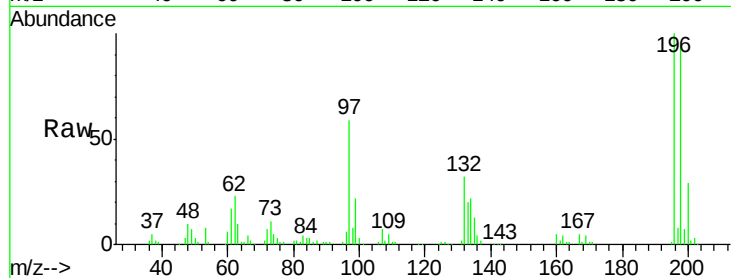
Ion Ratio Lower Upper

196 100

198 93.9 77.0 115.4

97 58.7 31.9 47.9#

132 32.4 20.3 30.5#

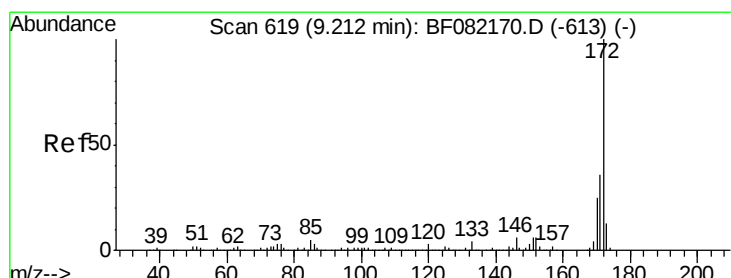
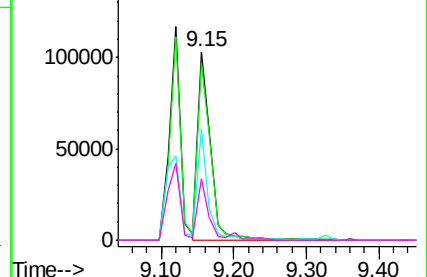
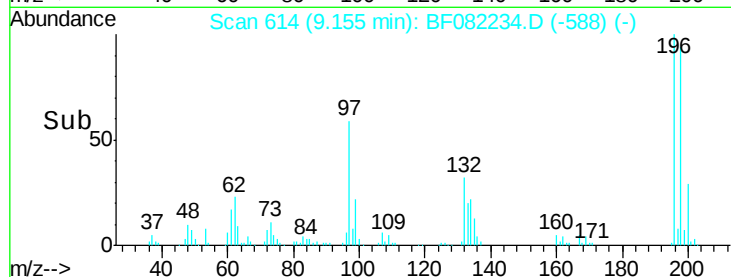


Abundance Ion 196.00 (195.70 to 196.70): E

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: 79.54 ng

RT: 9.20 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

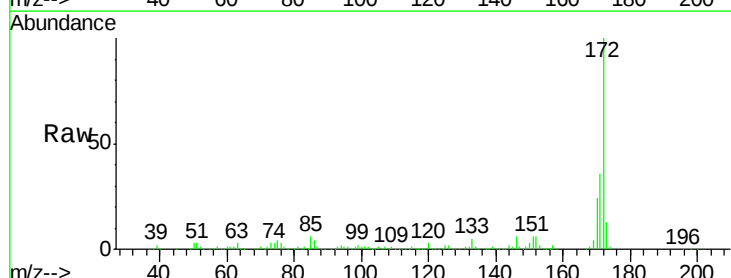
Tgt Ion:172 Resp: 721411

Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

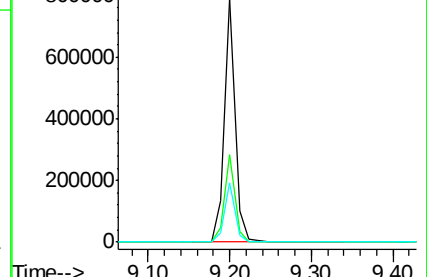
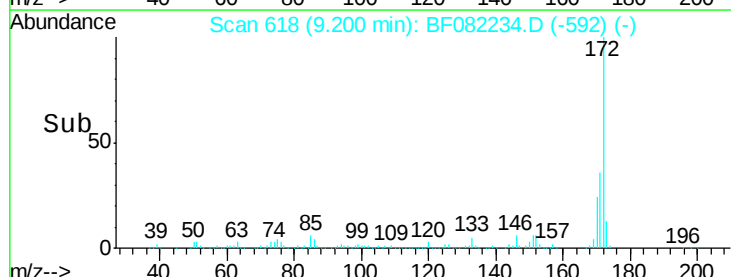
170 24.5 19.7 29.5

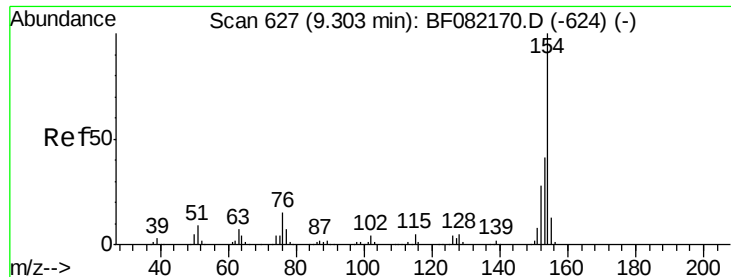


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.01 ng

RT: 9.30 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

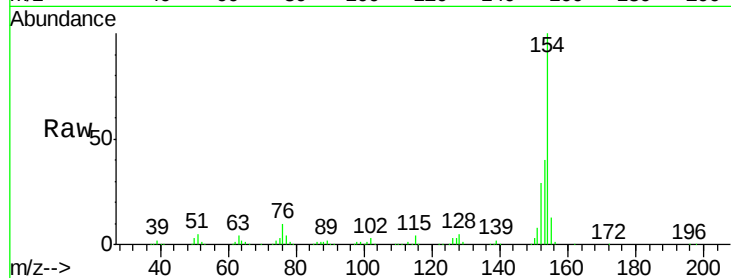
Tot Ion:154 Resp: 470389

Ion Ratio Lower Upper

154 100

153 40.1 20.6 60.6

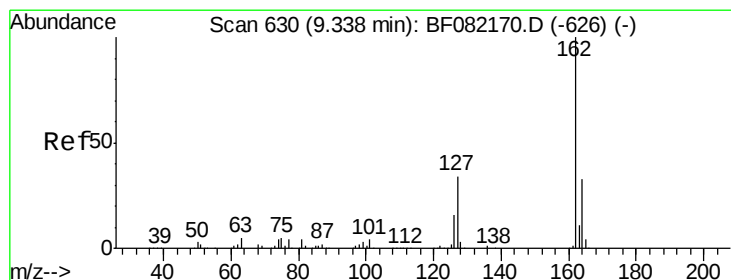
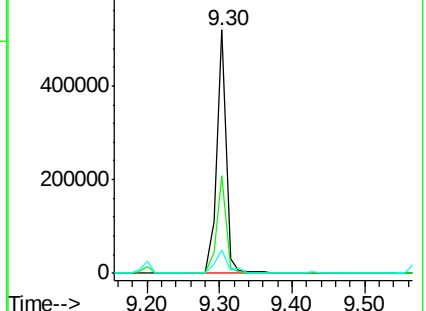
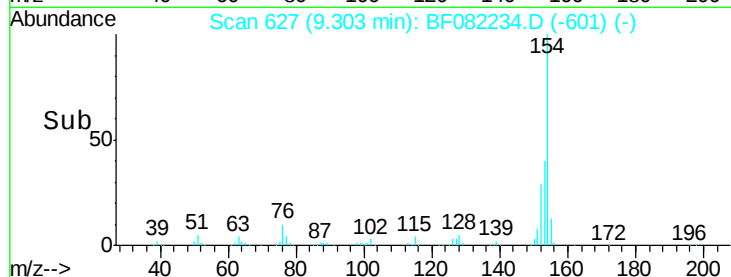
76 9.8 0.0 35.2



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: 39.98 ng

RT: 9.33 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

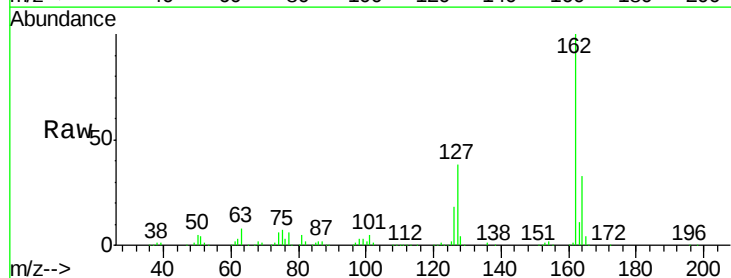
Tgt Ion:162 Resp: 361012

Ion Ratio Lower Upper

162 100

127 38.3 27.5 41.3

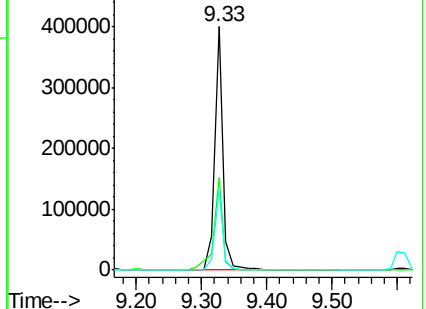
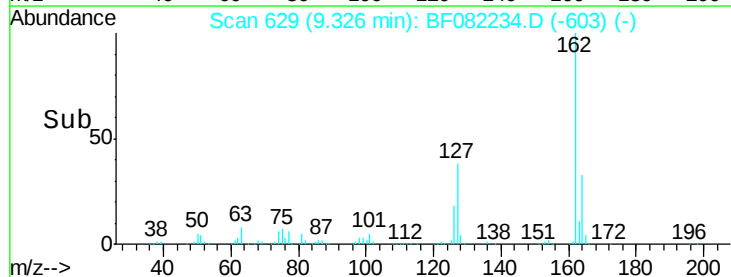
164 33.0 26.6 39.8

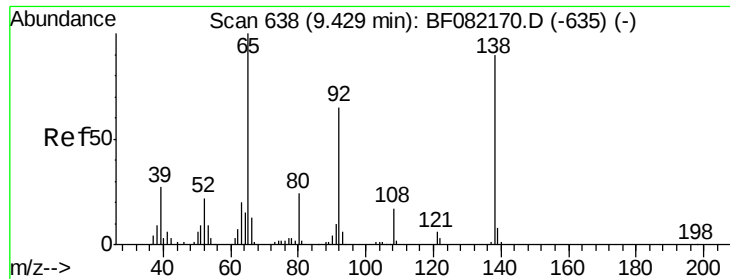


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.62 ng

RT: 9.43 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

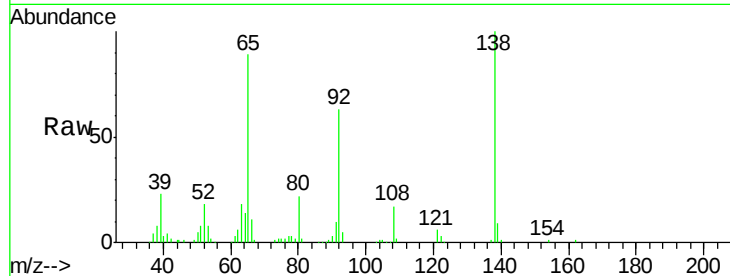
Tot Ion: 65 Resp: 110614

Ion Ratio Lower Upper

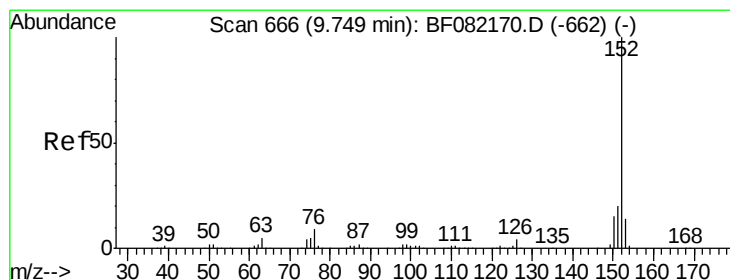
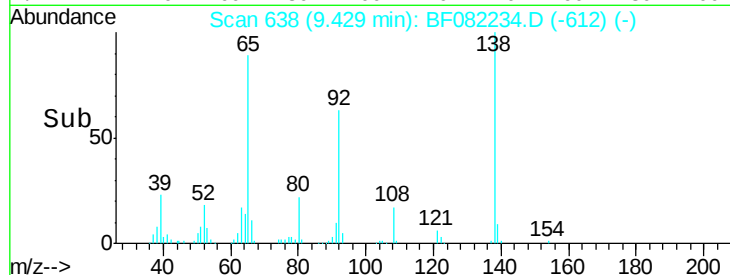
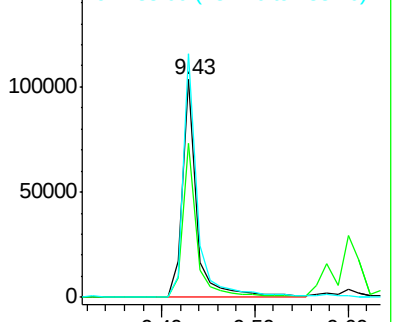
65 100

92 70.6 52.3 78.5

138 111.8 72.2 108.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.97 ng

RT: 9.74 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

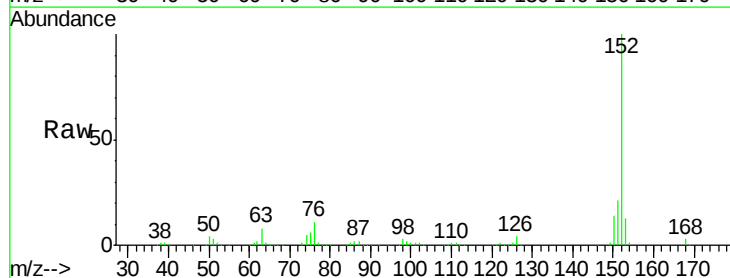
Tgt Ion: 152 Resp: 548150

Ion Ratio Lower Upper

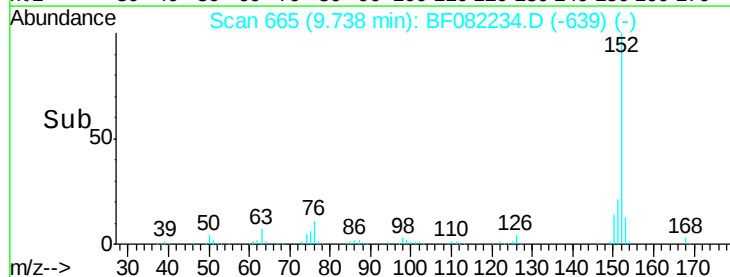
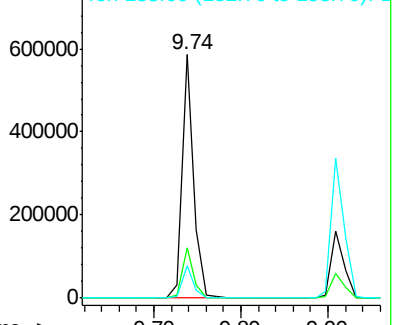
152 100

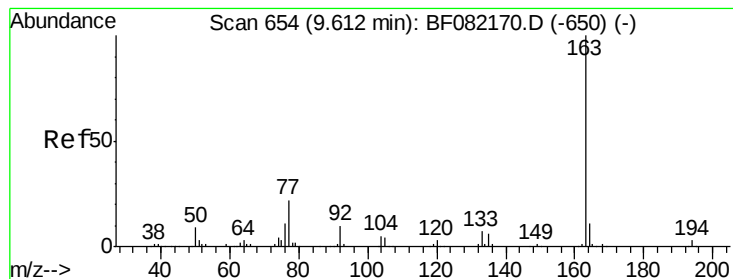
151 20.9 16.4 24.6

153 13.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.09 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

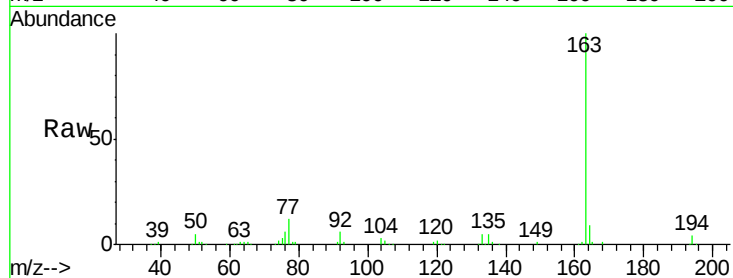
Tot Ion:163 Resp: 413985

Ion Ratio Lower Upper

163 100

194 4.3 2.6 4.0#

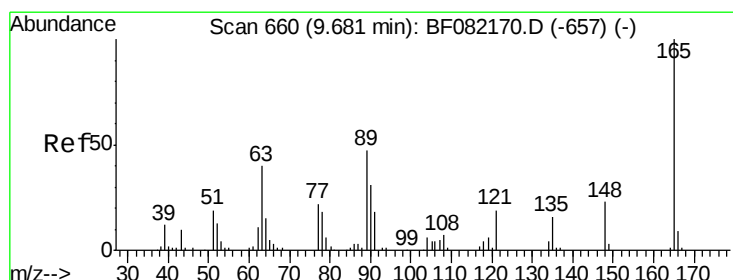
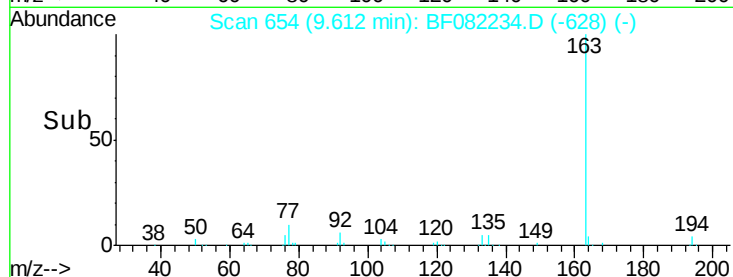
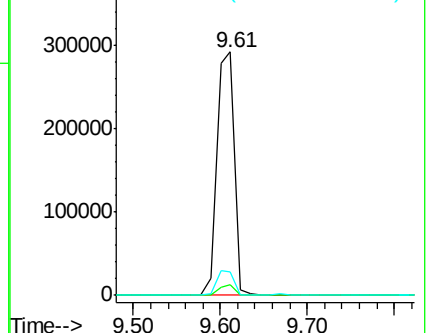
164 9.5 8.5 12.7



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: 40.08 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

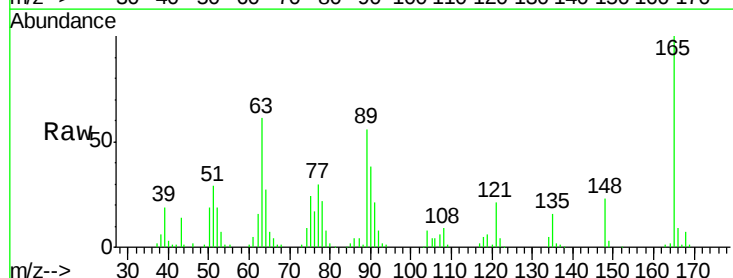
Tgt Ion:165 Resp: 89568

Ion Ratio Lower Upper

165 100

63 60.5 36.7 55.1#

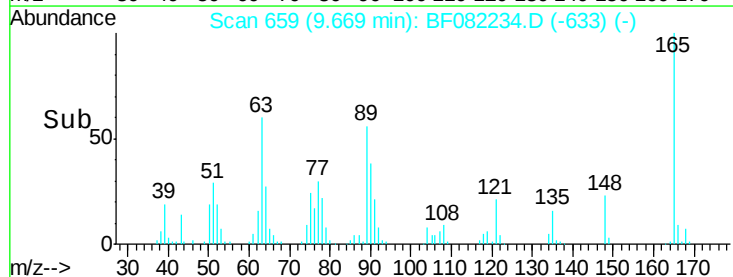
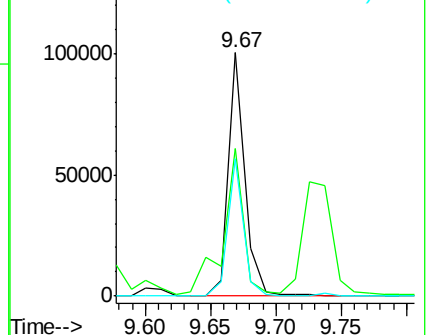
89 56.4 37.8 56.6

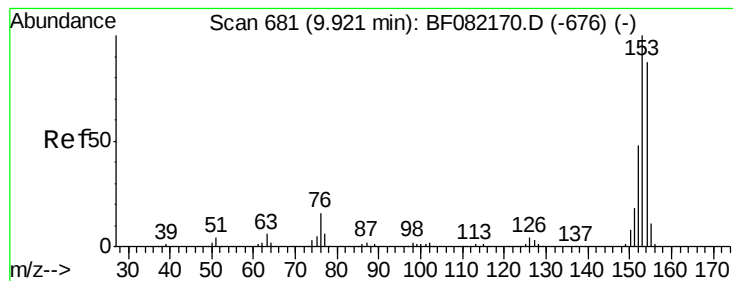


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.50 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

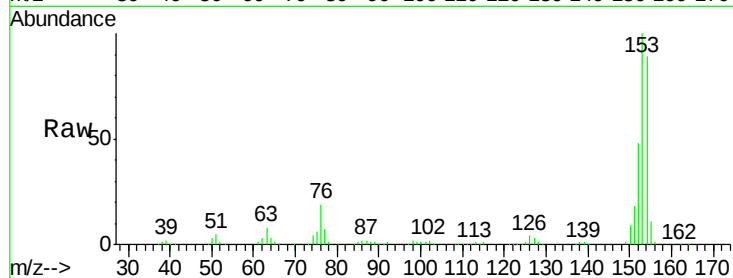
Tot Ion:154 Resp: 333546

Ion Ratio Lower Upper

154 100

153 112.2 91.4 137.2

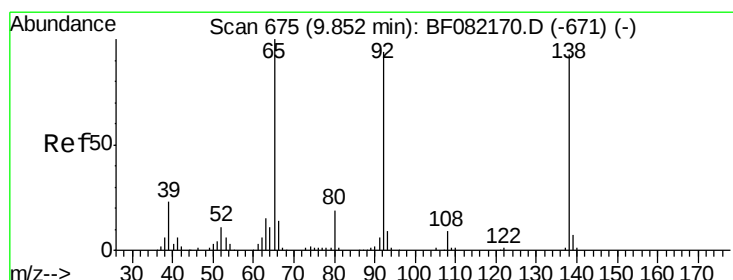
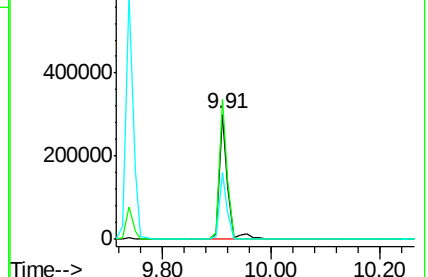
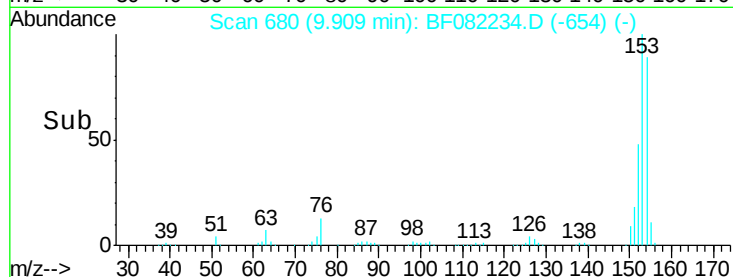
152 53.9 44.3 66.5



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: 40.25 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

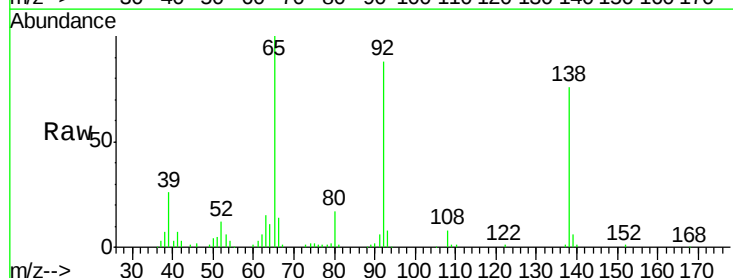
Tgt Ion:138 Resp: 101601

Ion Ratio Lower Upper

138 100

108 10.1 7.4 11.0

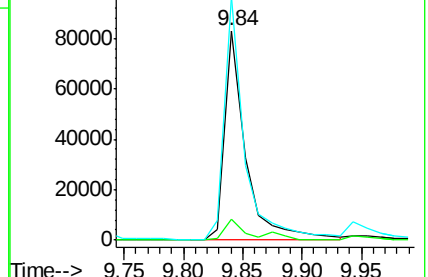
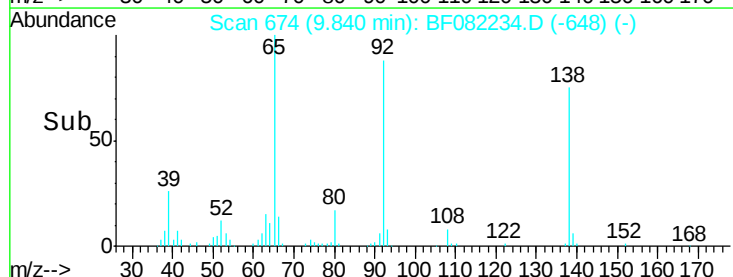
92 116.2 81.3 121.9

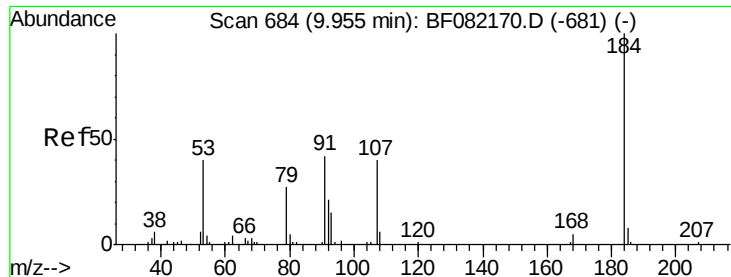


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

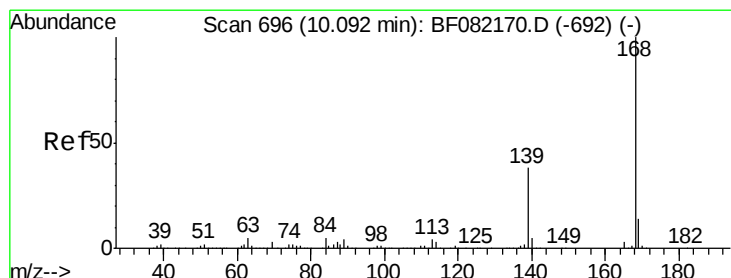
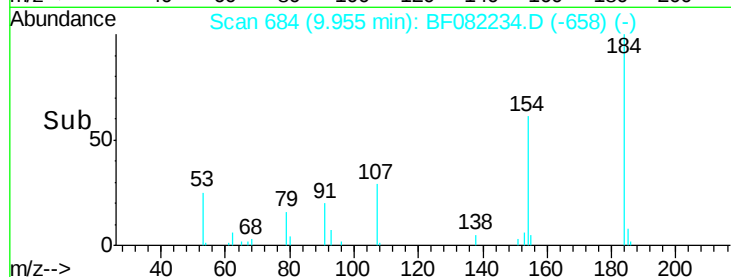
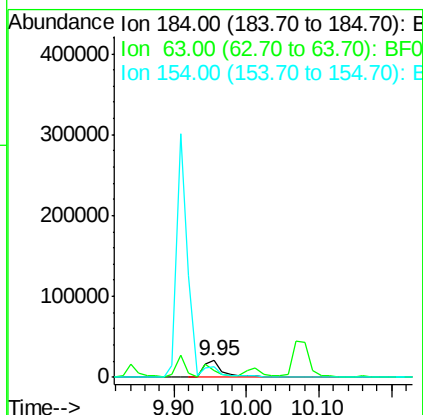
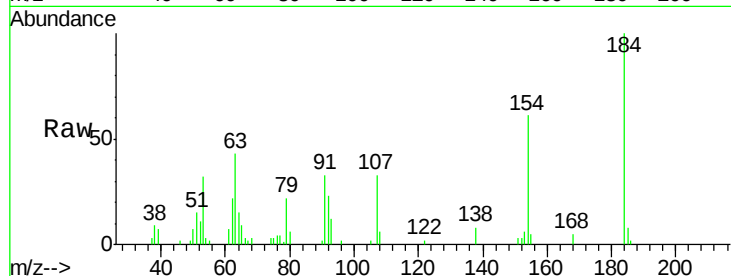




#53
2,4-Dinitrophenol
Concen: 36.34 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

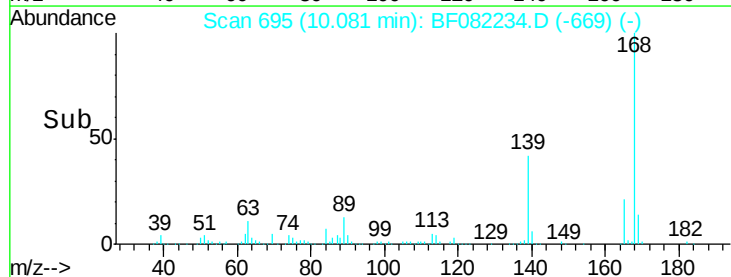
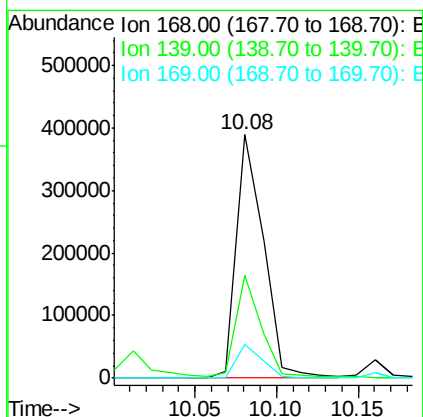
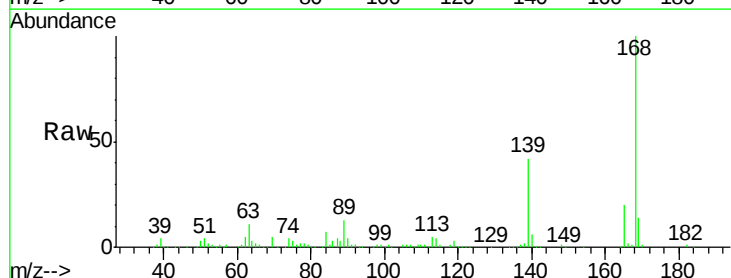
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

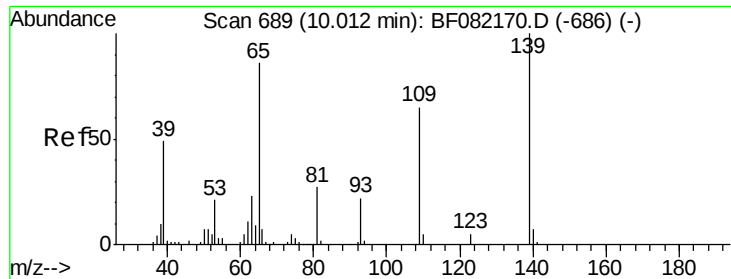
Tot Ion:184 Resp: 40639
Ion Ratio Lower Upper
184 100
63 43.0 45.1 67.7#
154 61.3 51.2 76.8



#54
Dibenzofuran
Concen: 38.69 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion:168 Resp: 448515
Ion Ratio Lower Upper
168 100
139 42.3 31.0 46.6
169 13.7 10.9 16.3

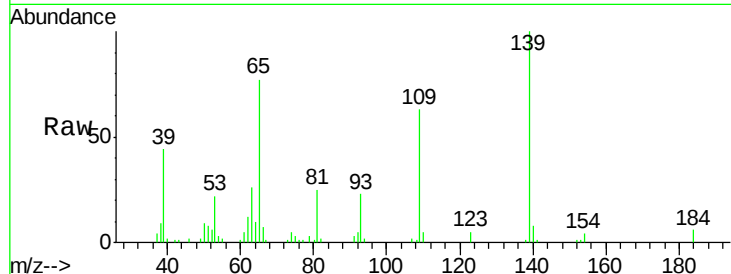




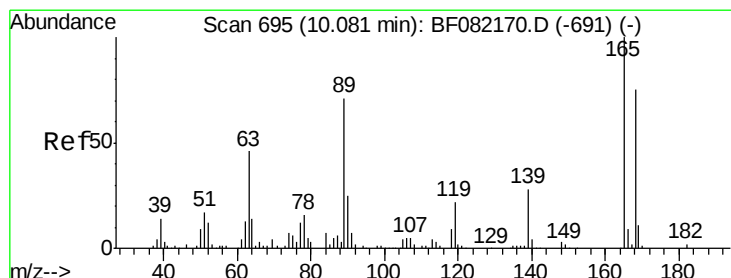
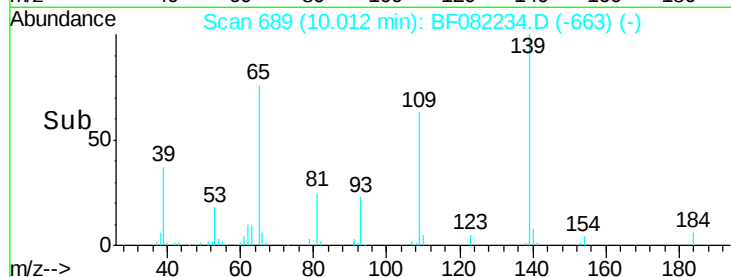
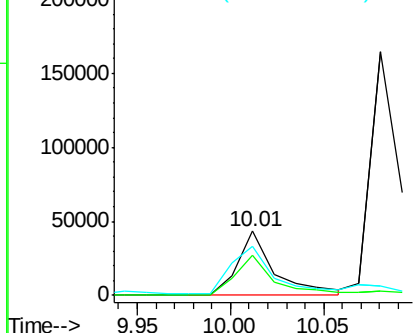
#55
4-Nitrophenol
Concen: 42.12 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:139 Resp: 59746
Ion Ratio Lower Upper
139 100
109 63.0 44.8 84.8
65 77.3 67.7 107.7

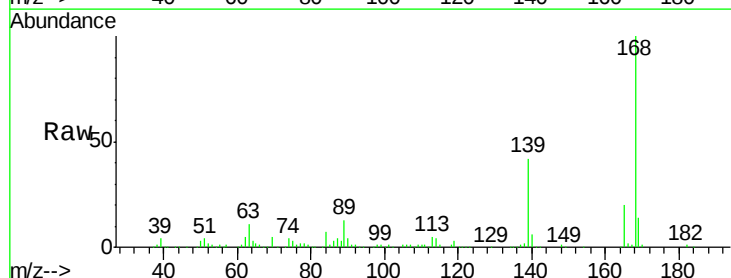


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

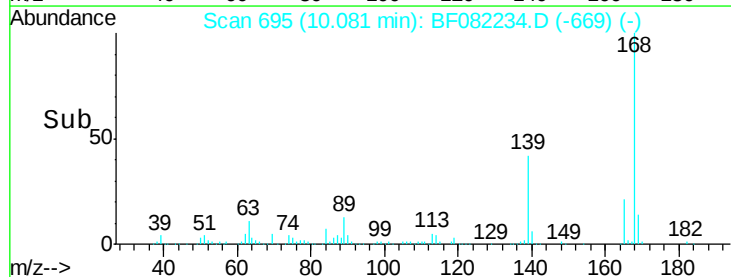
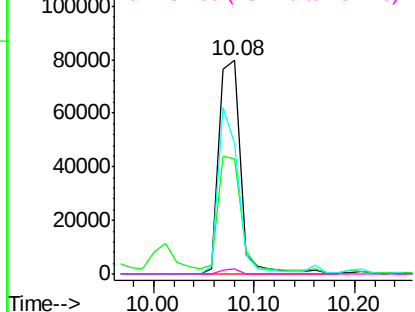


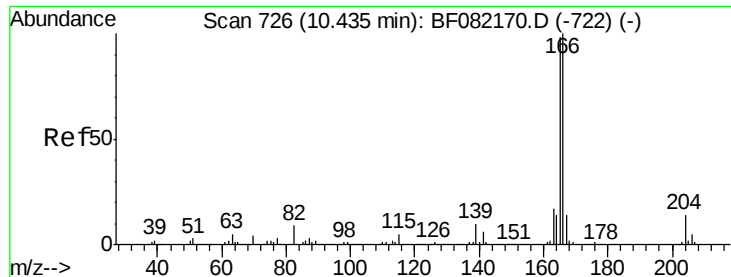
#56
2,4-Dinitrotoluene
Concen: 43.18 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion:165 Resp: 120608
Ion Ratio Lower Upper
165 100
63 54.0 38.6 58.0
89 61.1 57.0 85.6
182 2.5 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.14 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

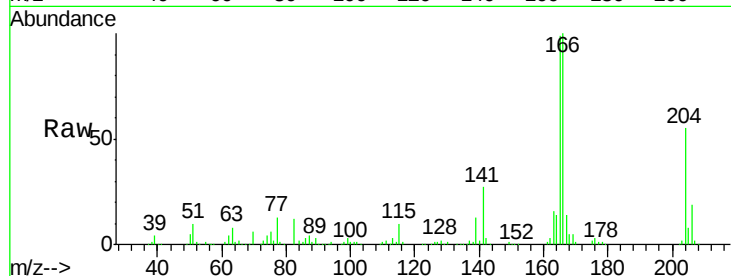
Tot Ion:166 Resp: 363165

Ion Ratio Lower Upper

166 100

165 99.2 78.3 117.5

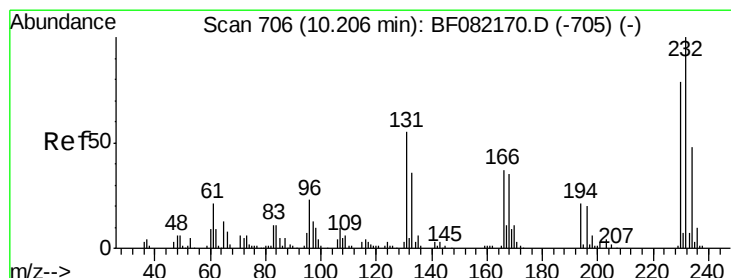
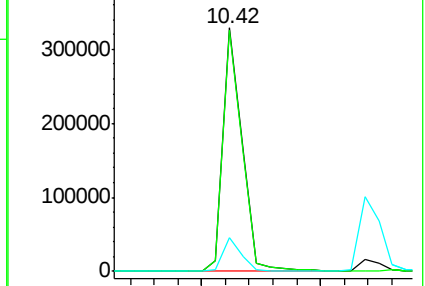
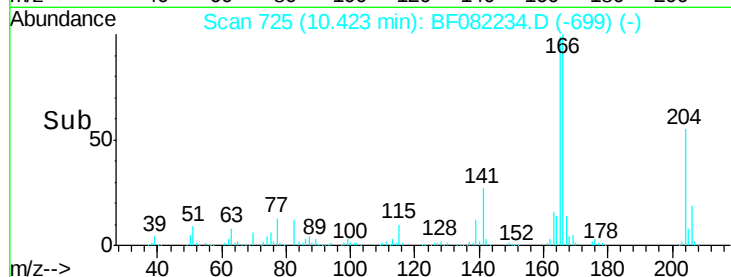
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.12 ng

RT: 10.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion:232 Resp: 113407

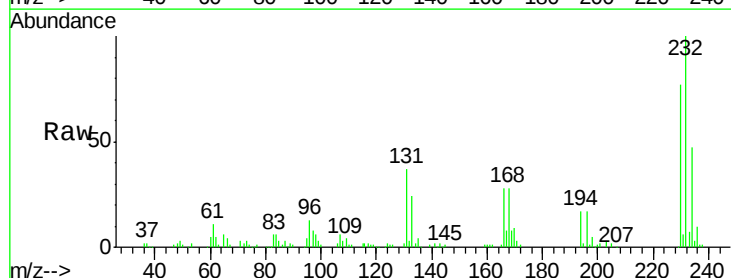
Ion Ratio Lower Upper

232 100

131 41.0 36.6 54.8

130 1.8 1.5 2.3

166 28.0 24.6 37.0

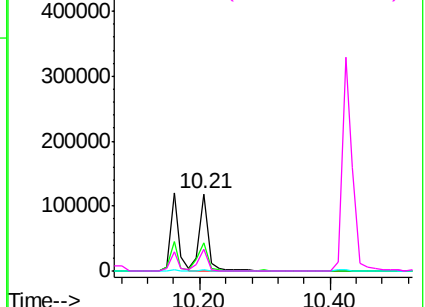
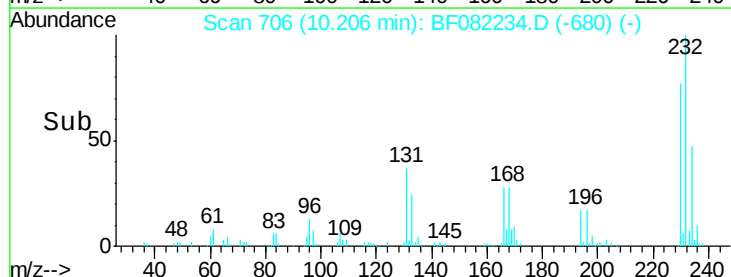


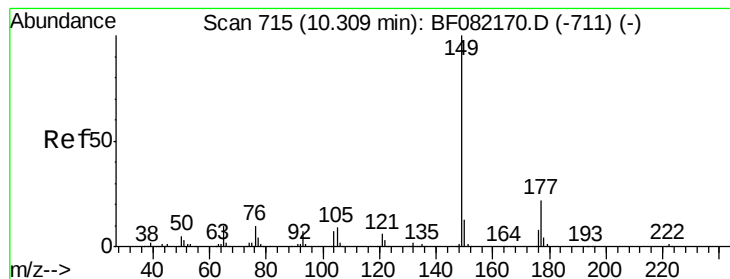
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.73 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

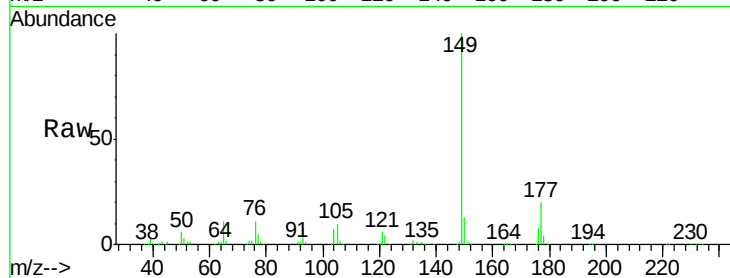
Tot Ion:149 Resp: 402122

Ion Ratio Lower Upper

149 100

177 20.4 17.6 26.4

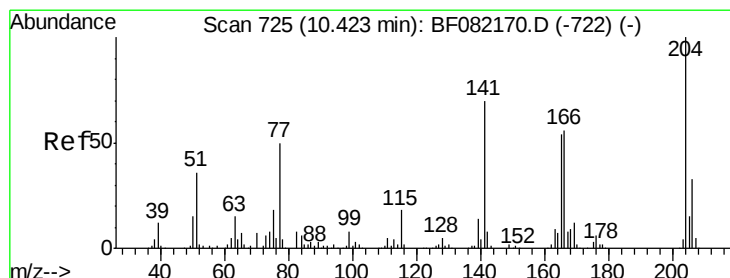
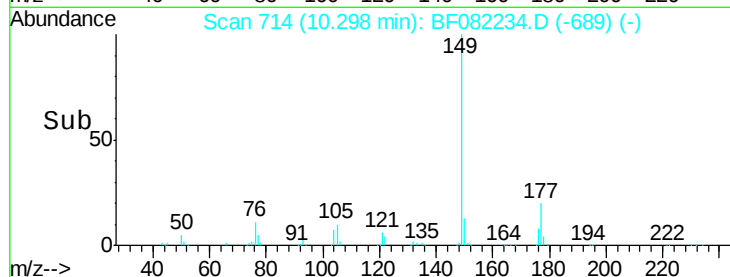
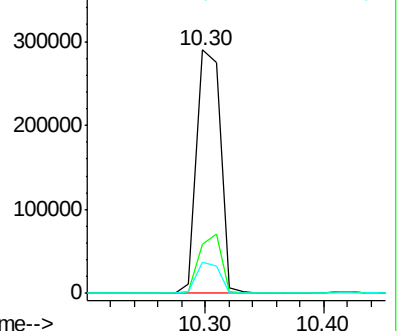
150 13.0 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.14 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

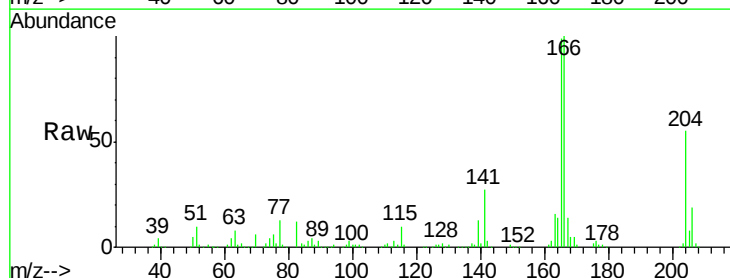
Tgt Ion:204 Resp: 183776

Ion Ratio Lower Upper

204 100

206 33.9 26.8 40.2

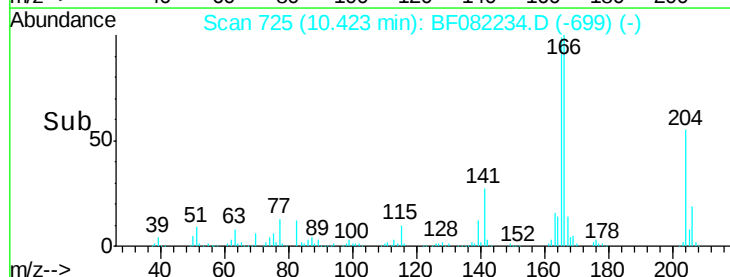
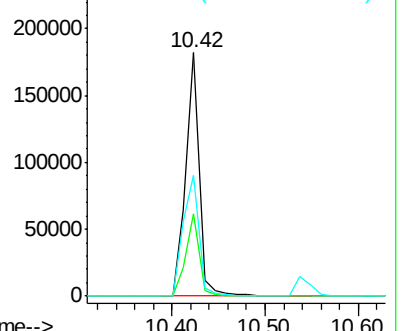
141 49.4 56.1 84.1#

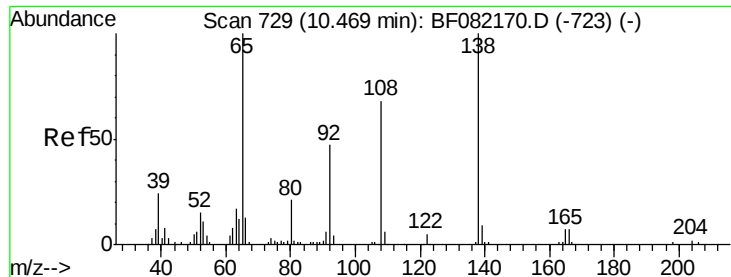


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

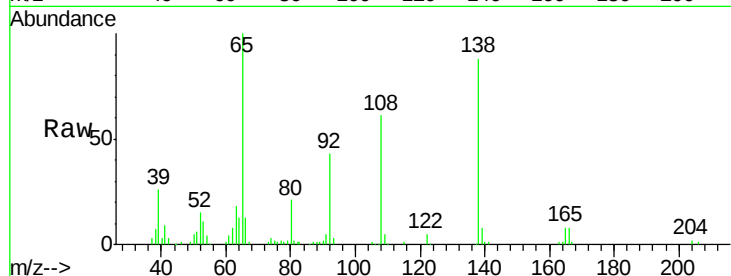




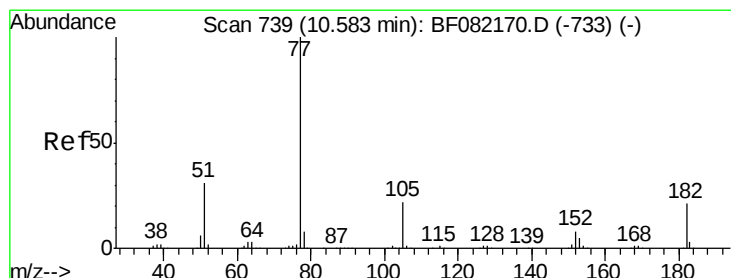
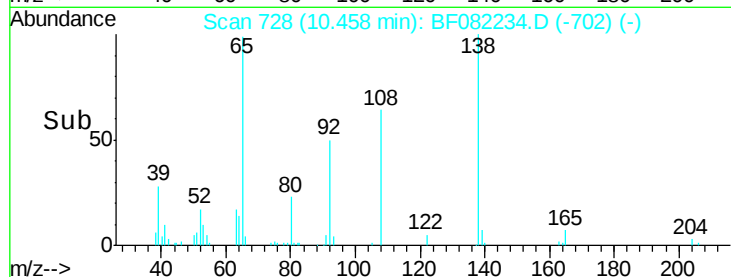
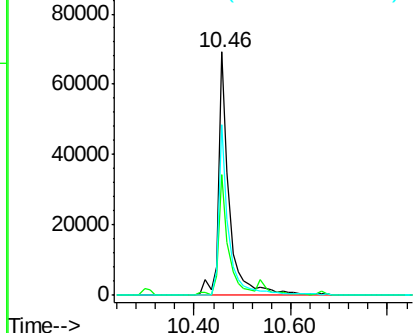
#61
4-Nitroaniline
Concen: 44.51 ng
RT: 10.46 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 108991
Ion Ratio Lower Upper
138 100
92 49.6 26.8 66.8
108 70.1 48.4 88.4

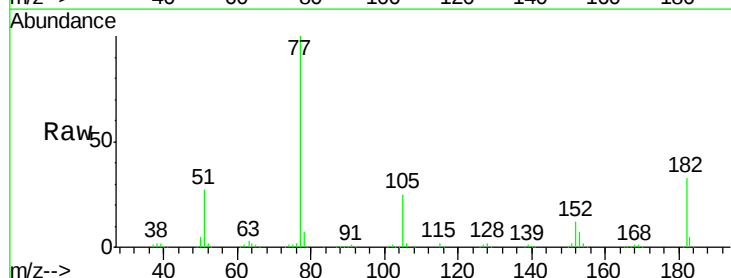


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

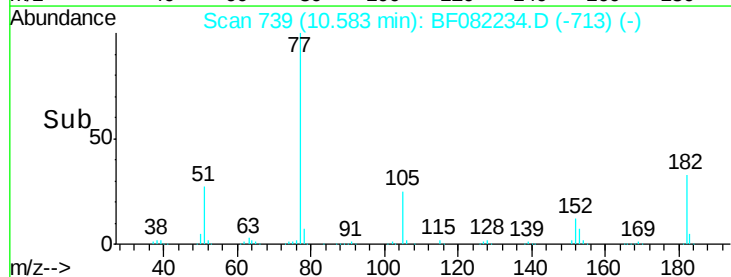
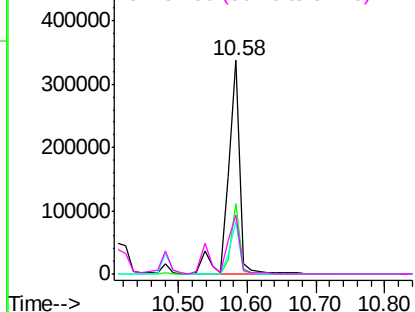


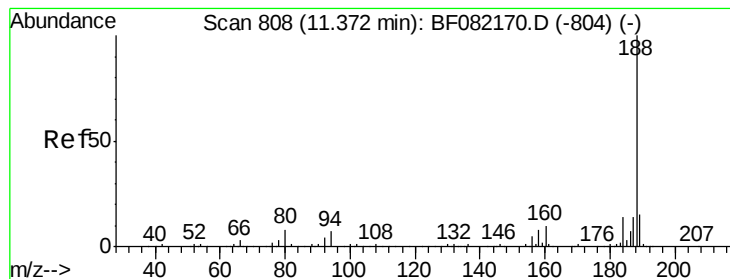
#62
Azobenzene
Concen: 40.97 ng
RT: 10.58 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion: 77 Resp: 395869
Ion Ratio Lower Upper
77 100
182 33.1 0.5 40.5
105 24.9 1.8 41.8
51 27.3 11.2 51.2



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: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

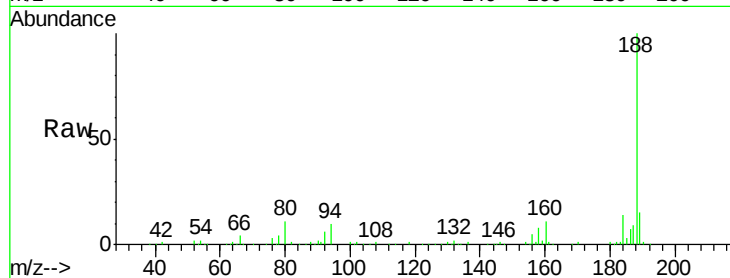
Tot Ion:188 Resp: 309187

Ion Ratio Lower Upper

188 100

94 10.5 5.8 8.6#

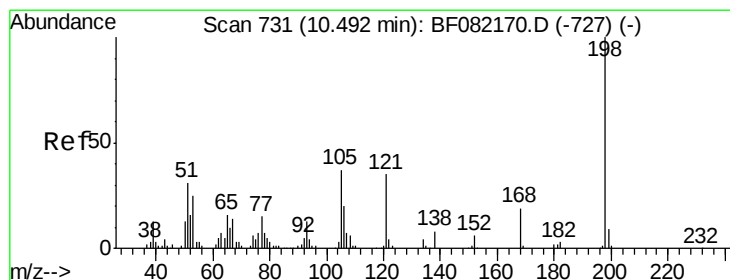
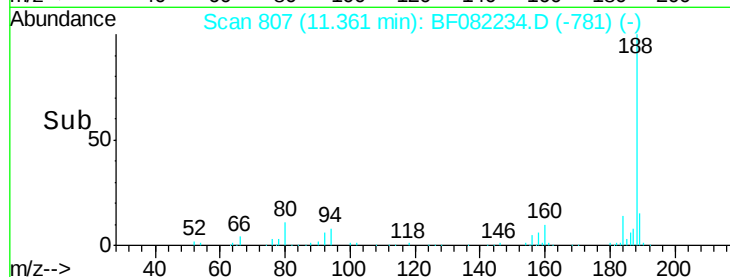
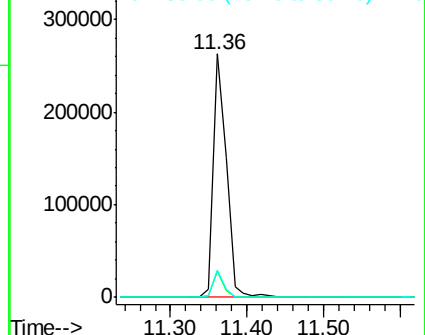
80 11.3 6.4 9.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.28 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

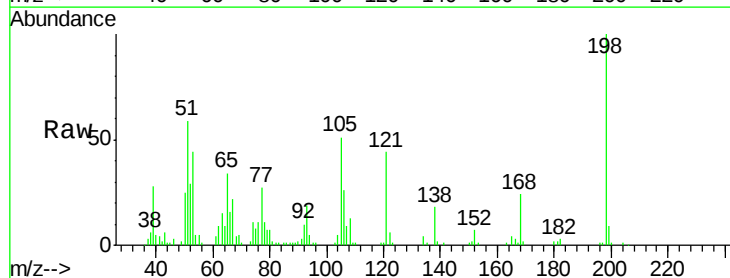
Tgt Ion:198 Resp: 64687

Ion Ratio Lower Upper

198 100

51 58.6 13.6 53.6#

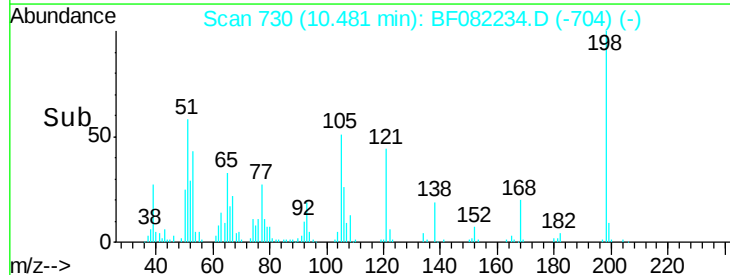
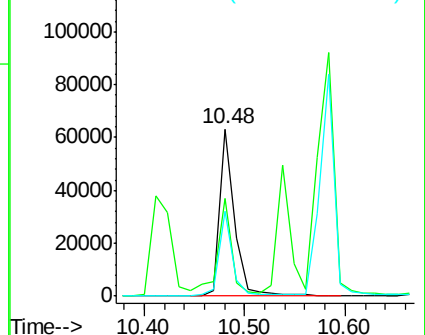
105 50.9 17.1 57.1

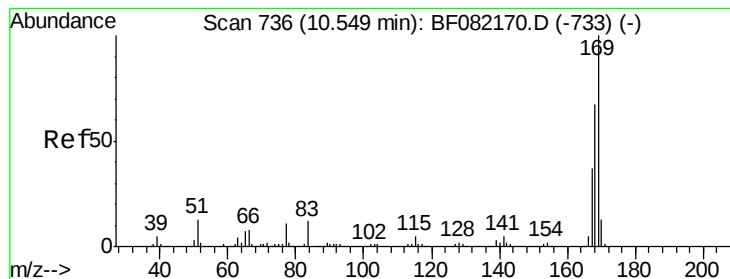


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

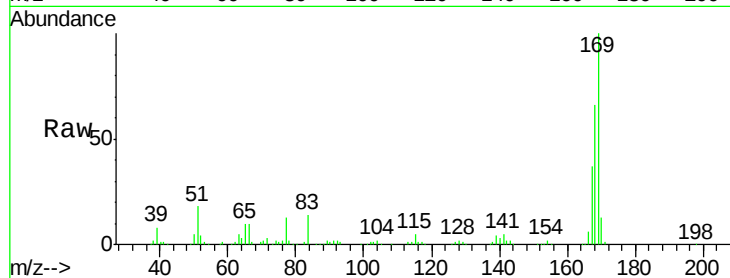




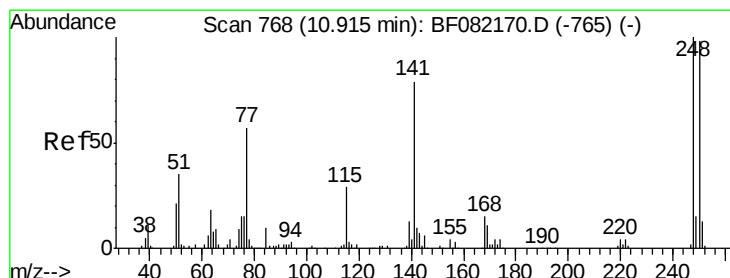
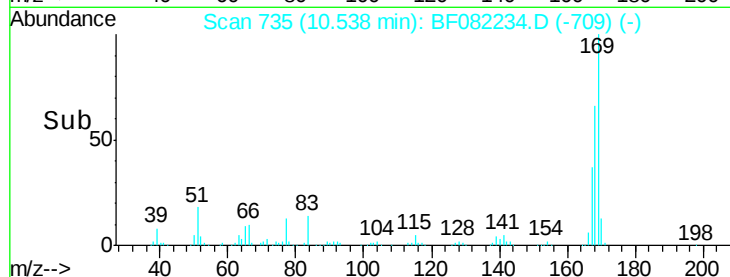
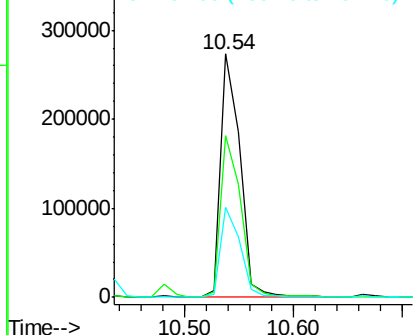
#65
n-Nitrosodiphenylamine
Concen: 36.99 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:169 Resp: 342445
Ion Ratio Lower Upper
169 100
168 66.4 54.0 81.0
167 36.9 29.6 44.4

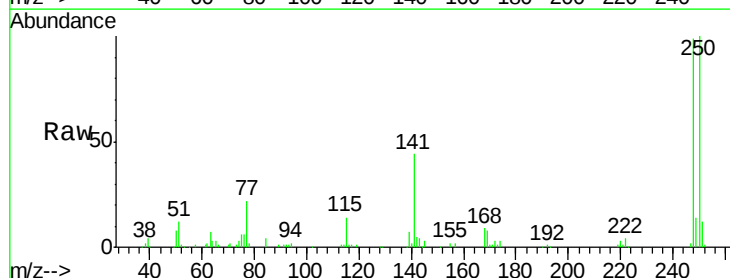


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

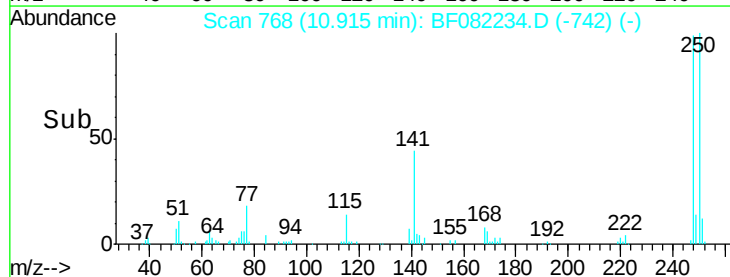
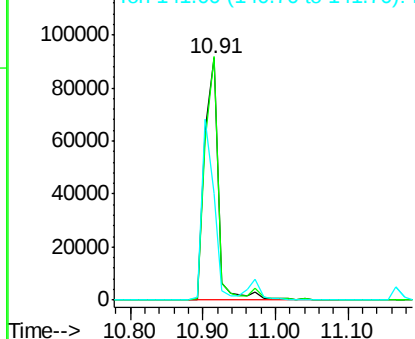


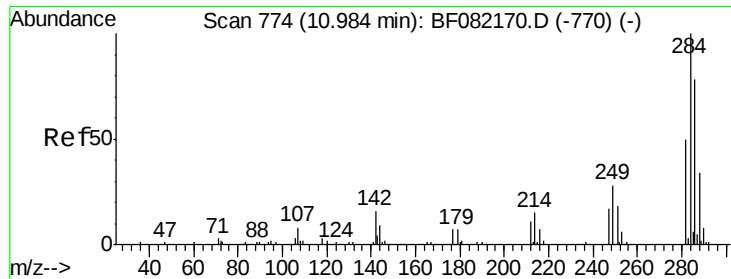
#66
4-Bromophenyl-phenylether
Concen: 38.73 ng
RT: 10.91 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion:248 Resp: 119829
Ion Ratio Lower Upper
248 100
250 100.6 78.6 117.8
141 44.2 63.3 94.9#



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

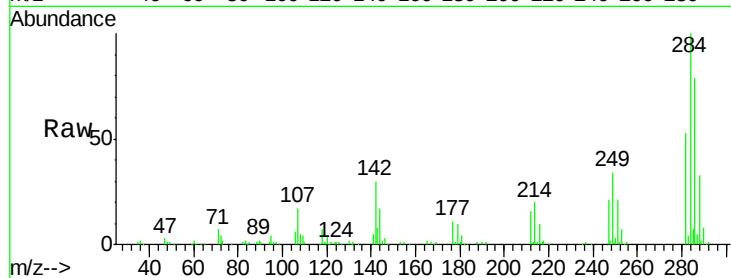




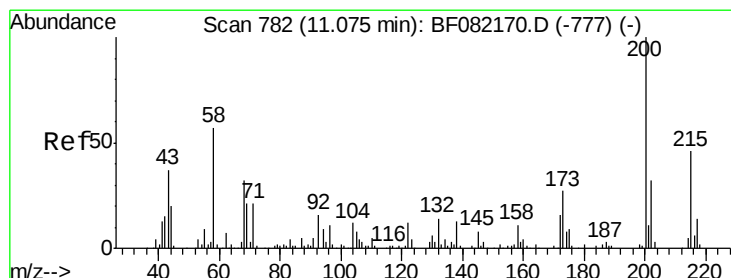
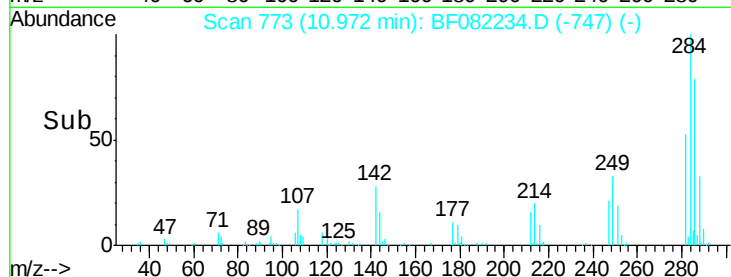
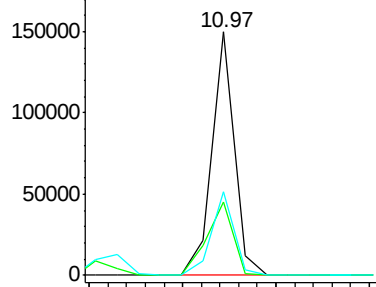
#67
Hexachlorobenzene
Concen: 37.84 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.1	13.0	19.6#
249	34.2	22.5	33.7#

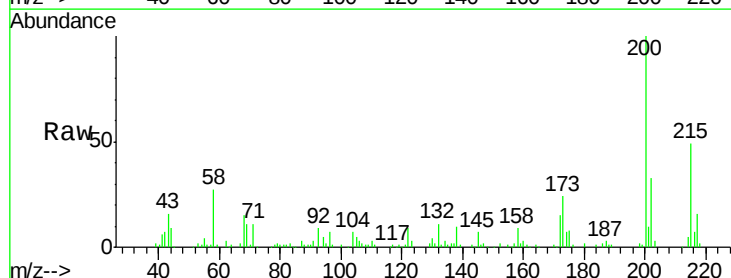


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

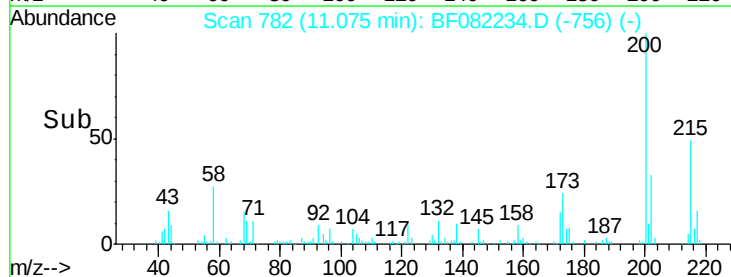
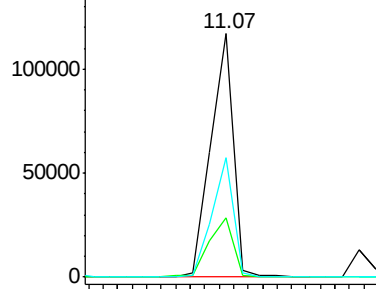


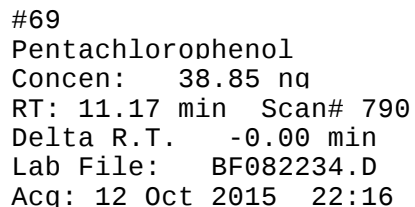
#68
Atrazine
Concen: 42.98 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	7.3	47.3
215	49.1	26.2	66.2



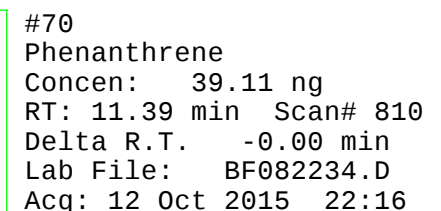
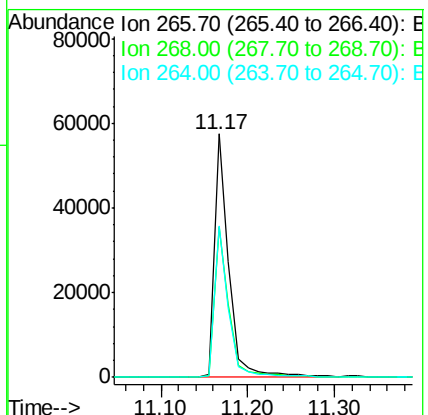
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



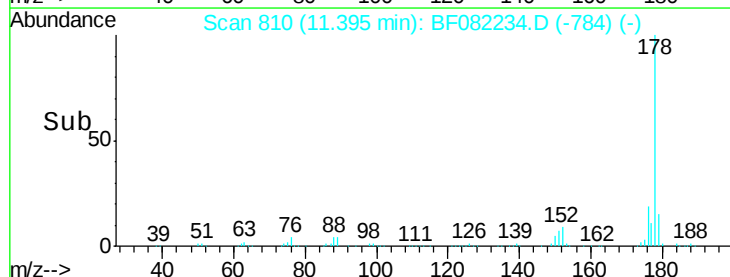
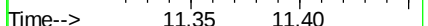
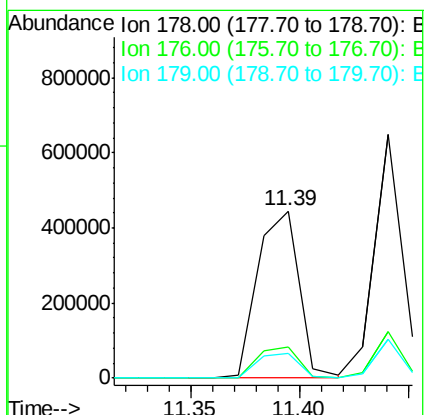


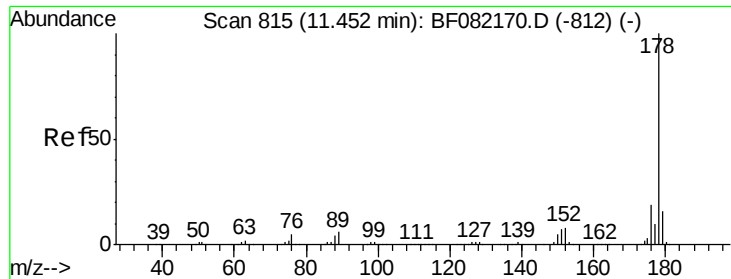
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot	Ion:266	Resp:	66900
Ion	Ratio	Lower	Upper
266	100		
268	61.9	52.0	78.0
264	62.0	51.4	77.0



Tgt	Ion:178	Resp:	592664
Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	15.1	12.6	19.0

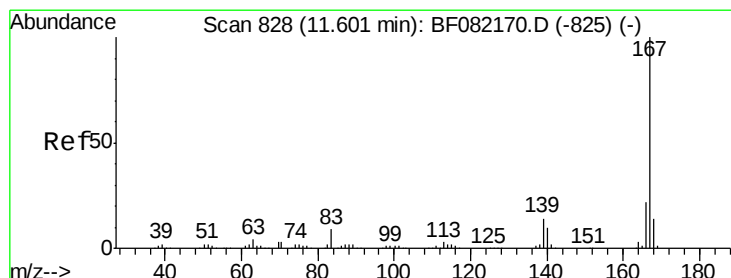
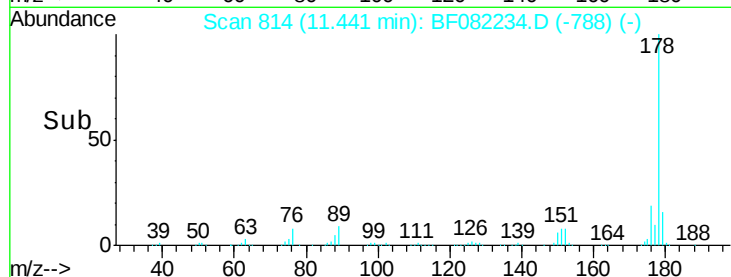
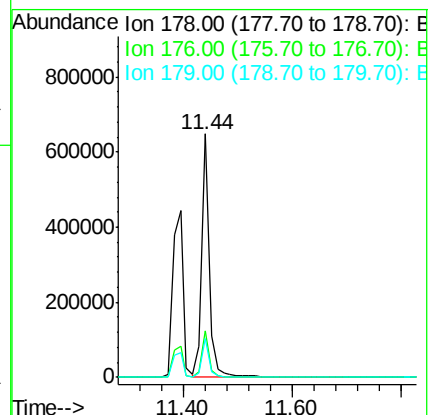
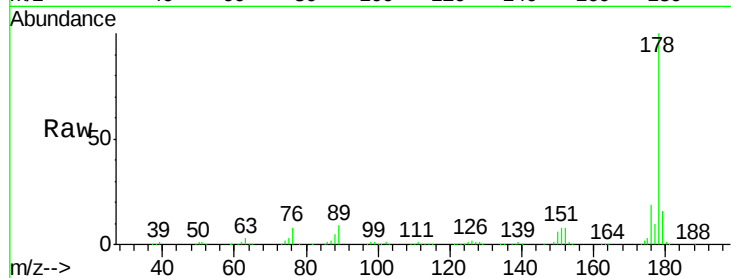




#71
 Anthracene
 Concen: 39.93 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

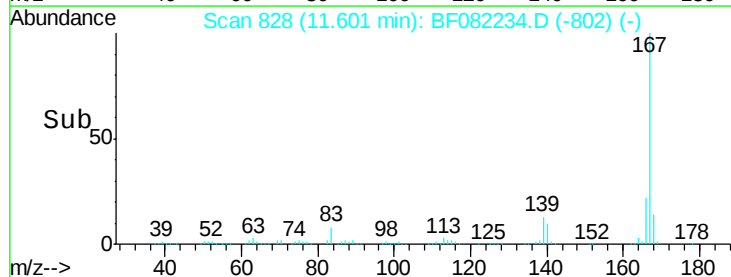
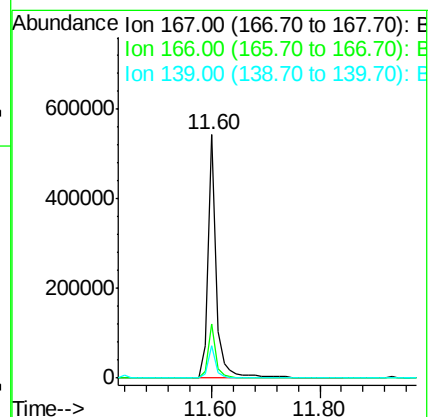
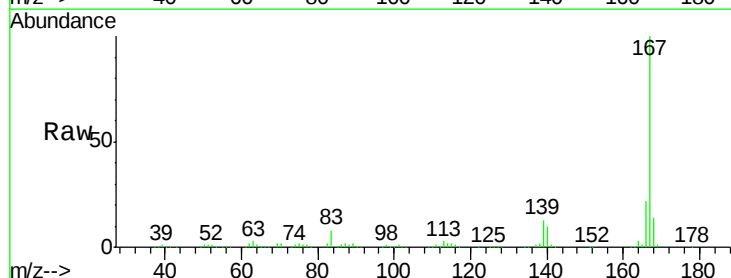
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

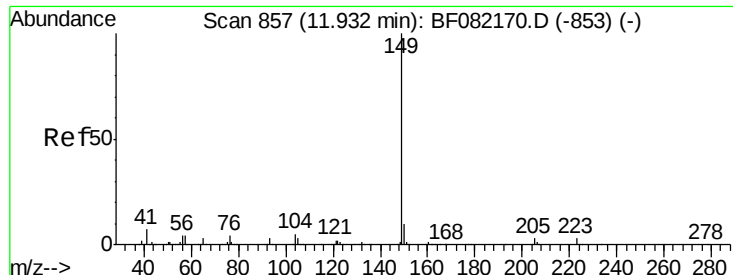
Tot Ion:178 Resp: 623599
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.0
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 40.00 ng
 RT: 11.60 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Tgt Ion:167 Resp: 569872
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.3 25.9
 139 13.4 11.2 16.8





#73

Di-n-butylphthalate

Concen: 38.27 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

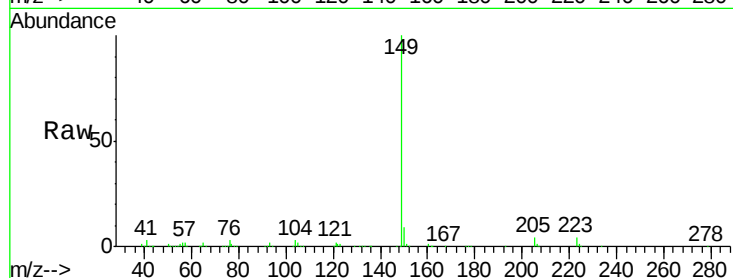
Tot Ion:149 Resp: 672647

Ion Ratio Lower Upper

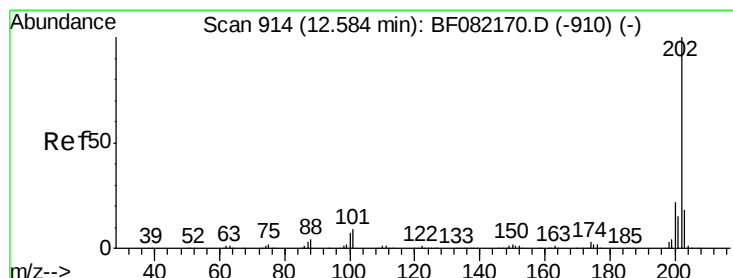
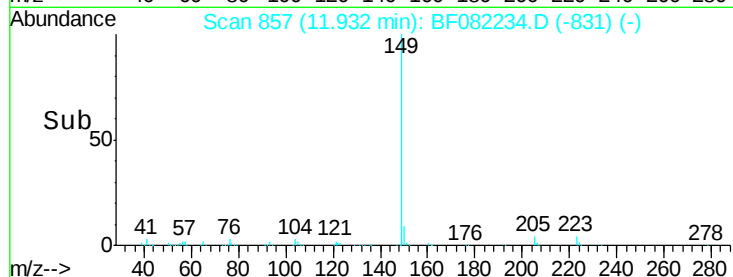
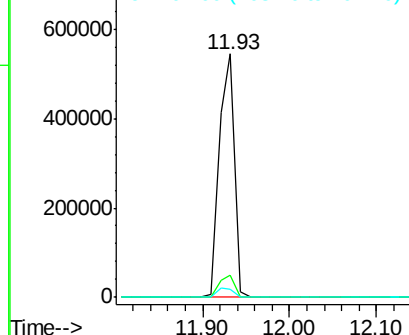
149 100

150 8.9 7.8 11.6

104 3.4 3.8 5.8#



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



#74

Fluoranthene

Concen: 40.05 ng

RT: 12.57 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

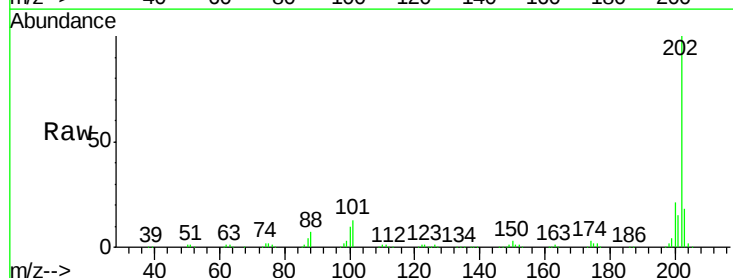
Tgt Ion:202 Resp: 651832

Ion Ratio Lower Upper

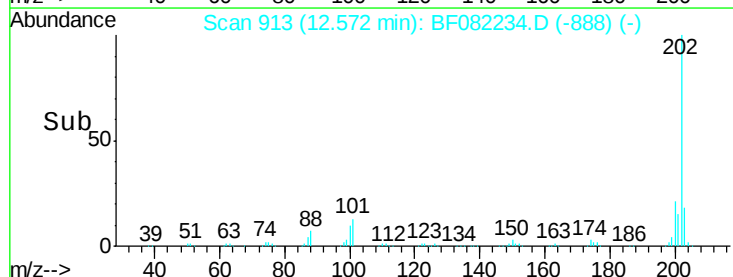
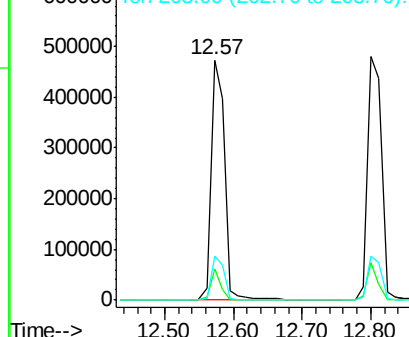
202 100

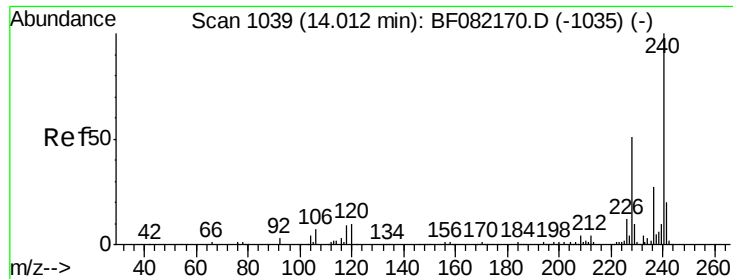
101 13.2 0.0 29.3

203 18.3 0.0 37.8



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

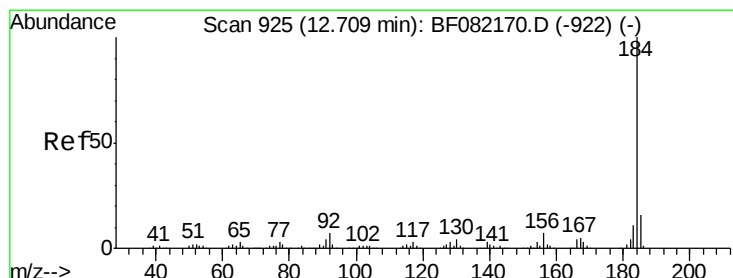
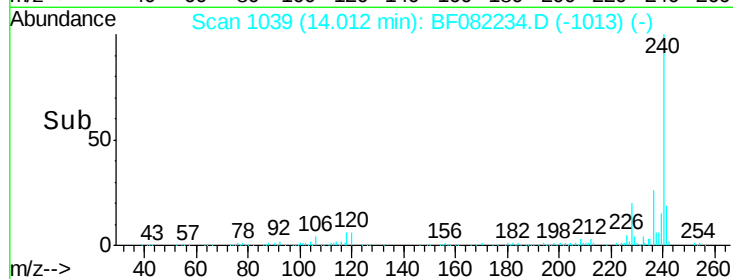
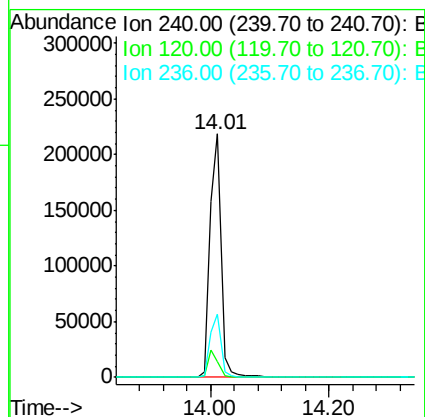
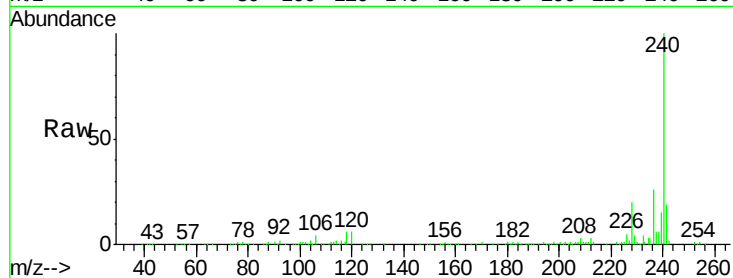




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

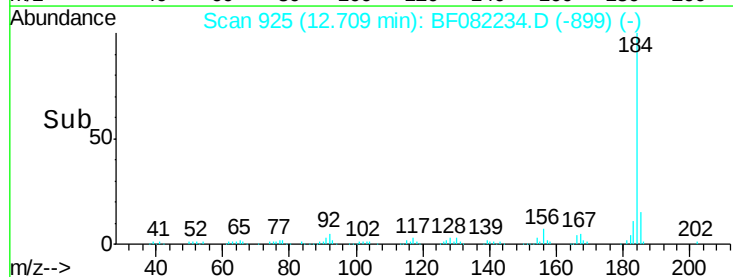
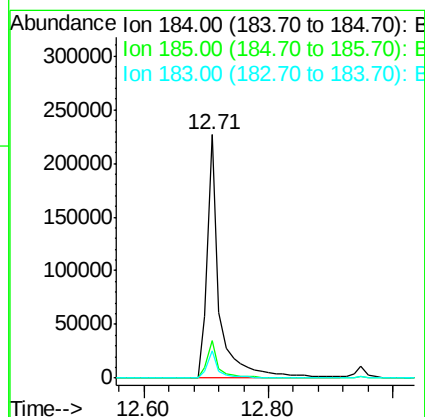
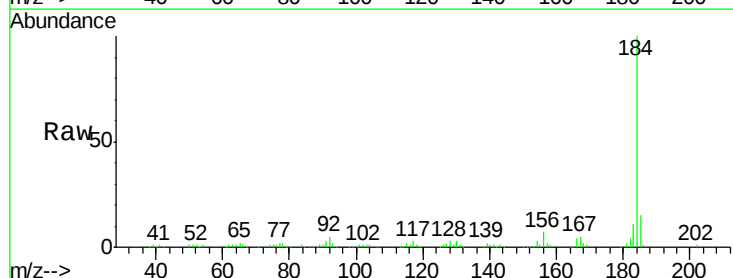
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

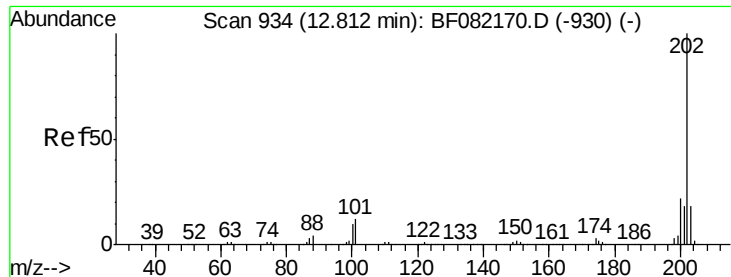
Tot Ion:240 Resp: 285002
Ion Ratio Lower Upper
240 100
120 6.2 8.1 12.1#
236 25.8 21.3 31.9



#76
Benzidine
Concen: 37.89 ng
RT: 12.71 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion:184 Resp: 312960
Ion Ratio Lower Upper
184 100
185 15.4 12.5 18.7
183 11.3 9.1 13.7

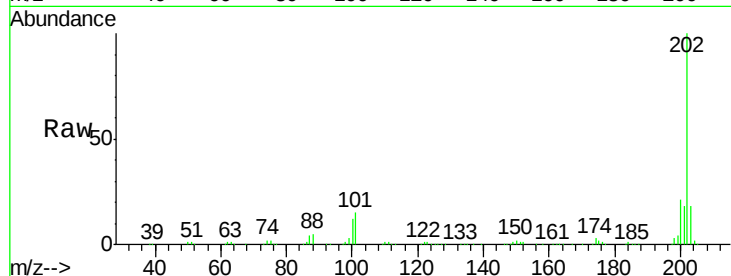




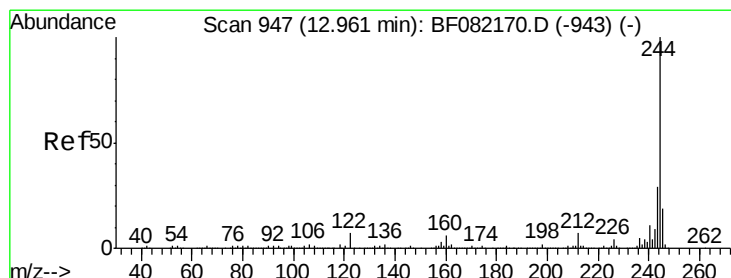
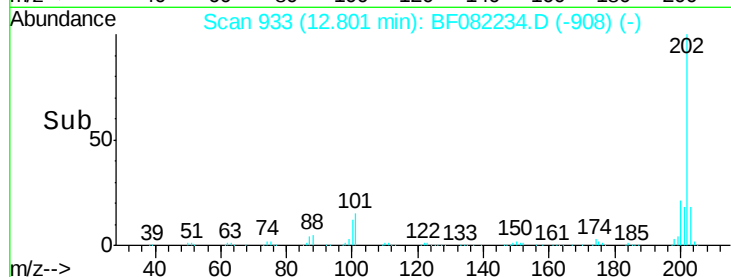
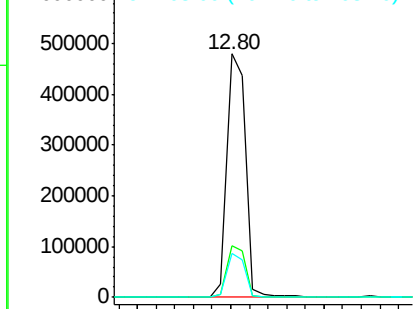
#77
Pvrene
Concen: 39.50 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:202 Resp: 668048
Ion Ratio Lower Upper
202 100
200 21.4 17.9 26.9
203 18.1 14.5 21.7

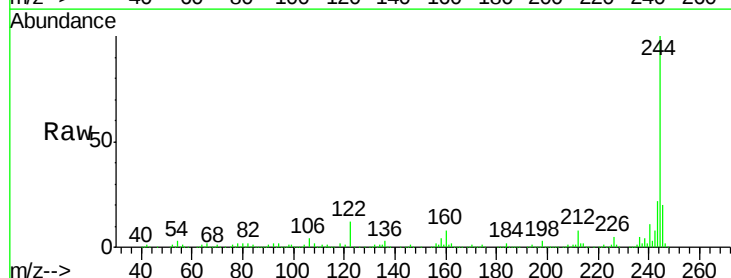


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

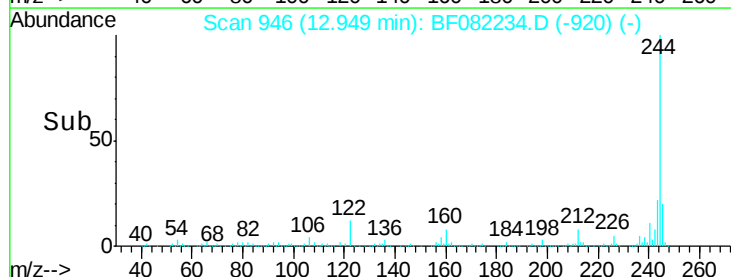
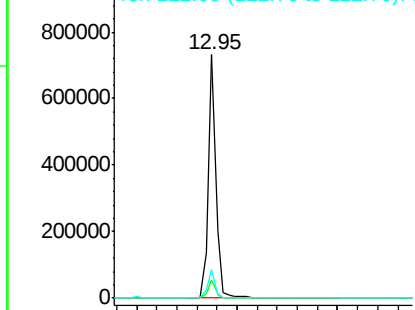


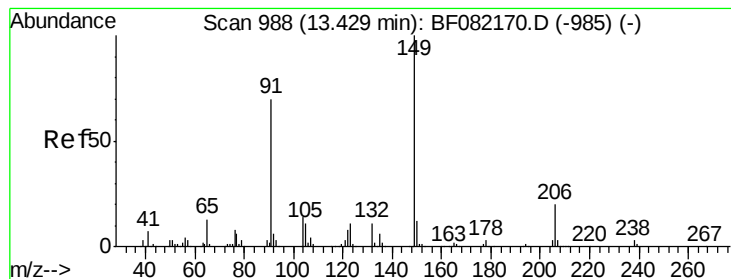
#78
Terphenyl-d14
Concen: 72.40 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion:244 Resp: 778664
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 11.9 5.9 8.9#



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





#79

Butylbenzylphthalate

Concen: 40.05 ng

RT: 13.43 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

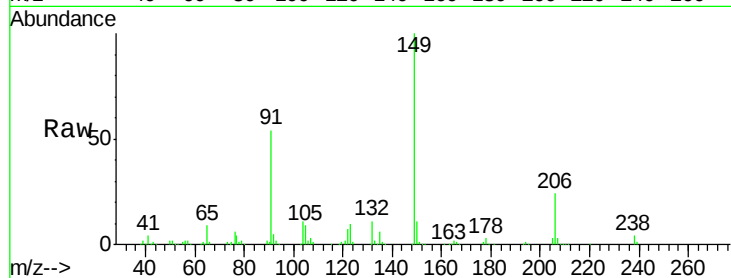
Tot Ion:149 Resp: 309143

Ion Ratio Lower Upper

149 100

91 54.4 55.7 83.5#

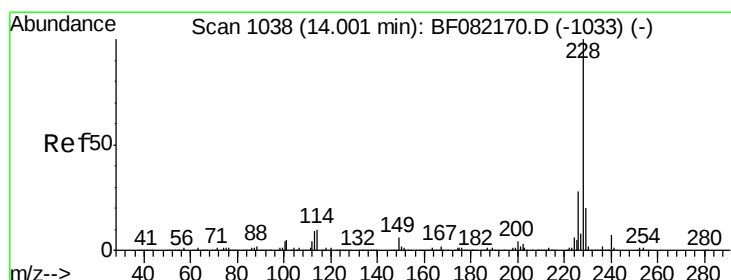
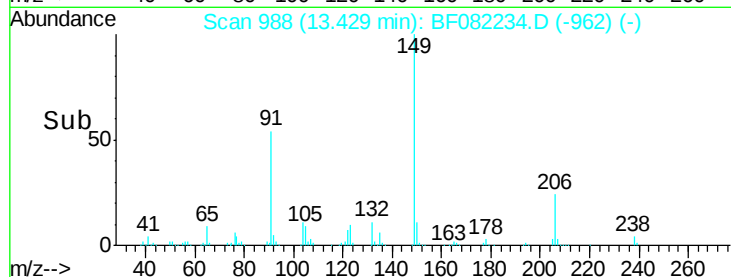
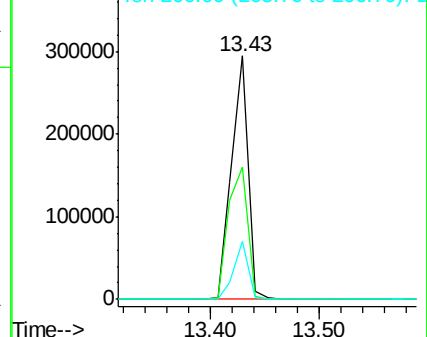
206 23.8 15.6 23.4#



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: 38.68 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

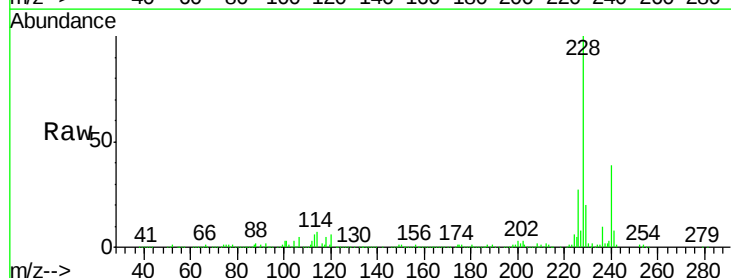
Tgt Ion:228 Resp: 573549

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

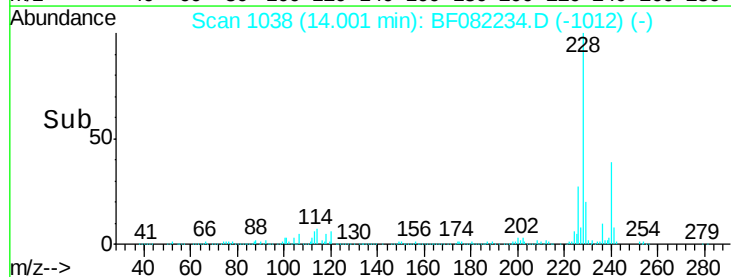
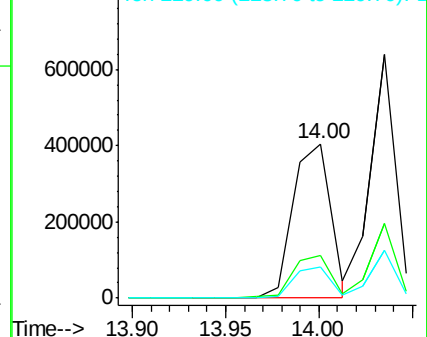
229 19.8 16.2 24.2

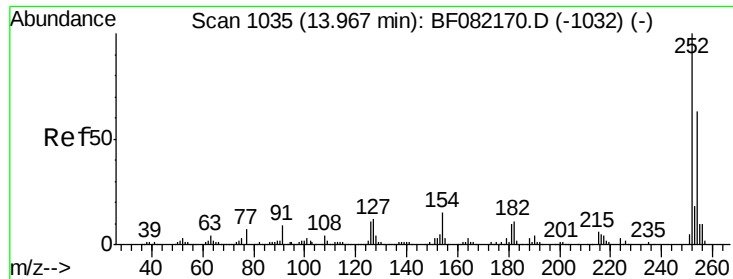


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

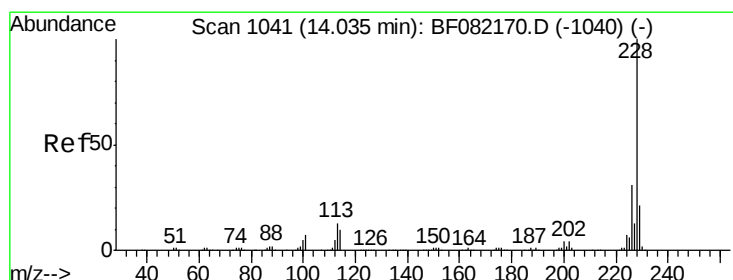
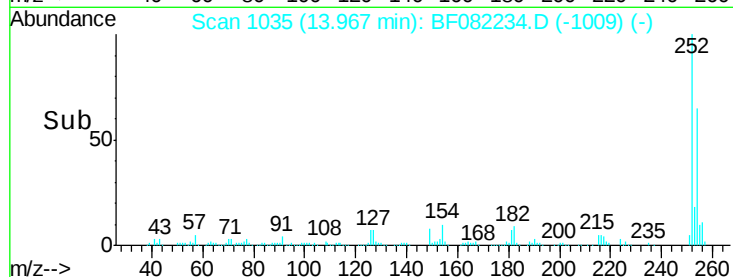
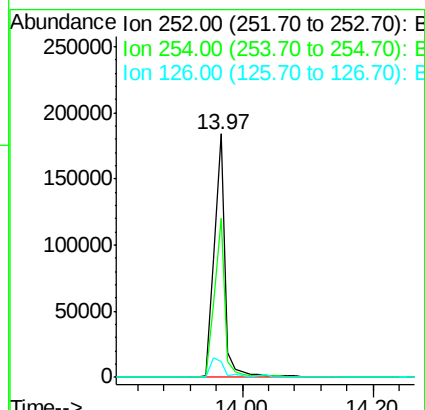
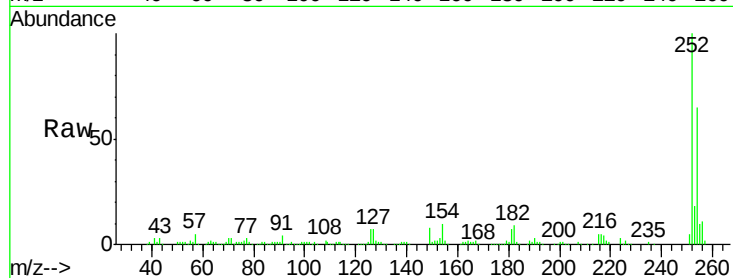




#81
 3,3'-Dichlorobenzidine
 Concen: 38.58 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

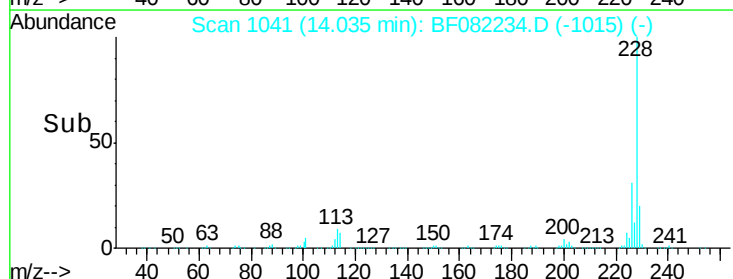
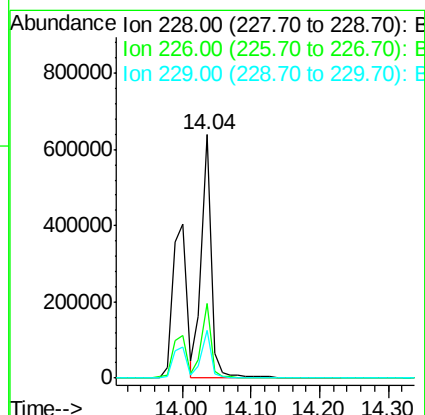
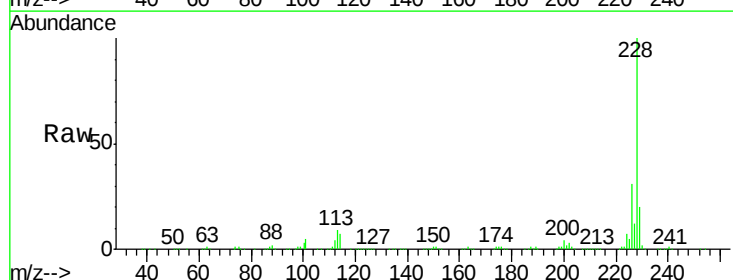
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

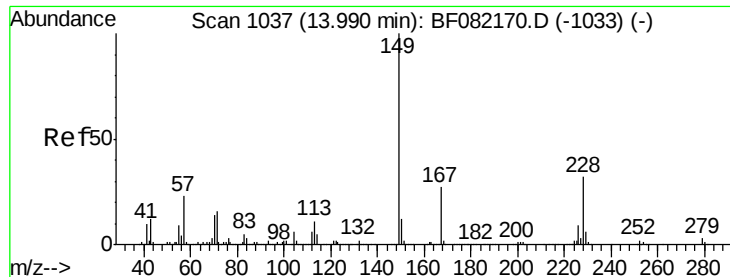
Tot Ion:252 Resp: 217126
 Ion Ratio Lower Upper
 252 100
 254 65.4 50.7 76.1
 126 6.6 9.0 13.6#



#82
 Chrysene
 Concen: 40.17 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Tgt Ion:228 Resp: 627622
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.4 36.6
 229 19.8 16.3 24.5

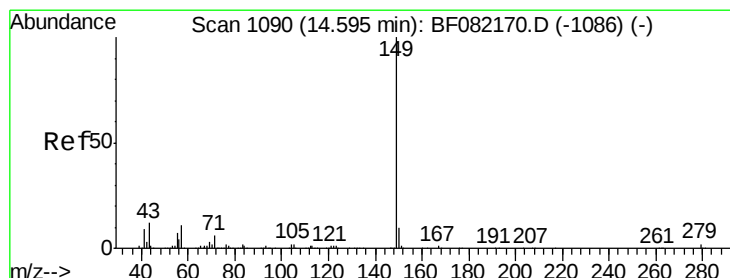
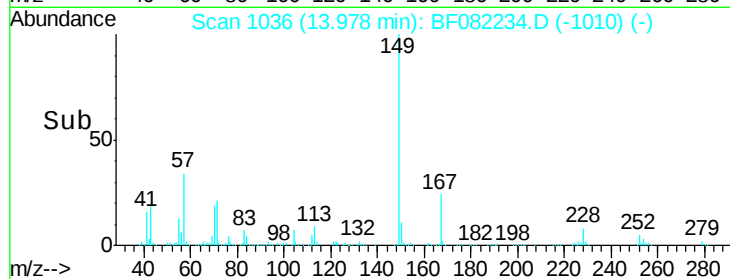
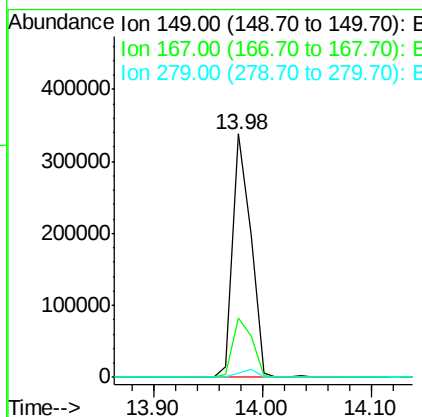
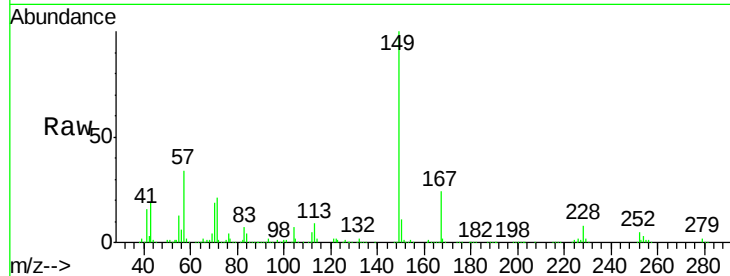




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.98 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

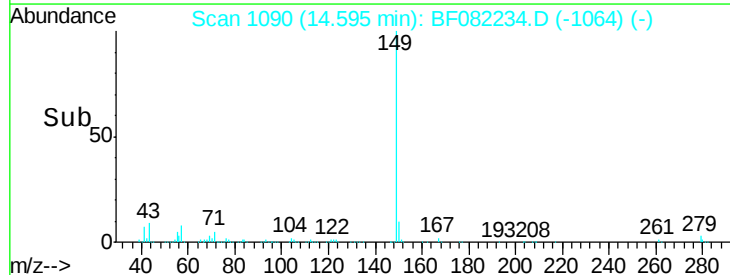
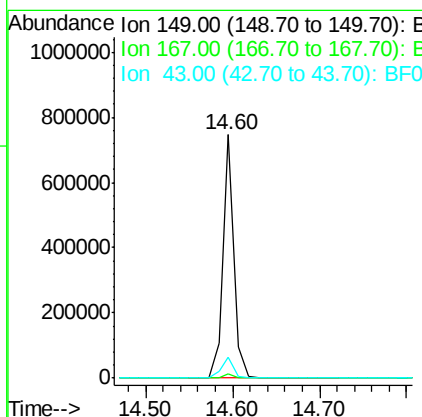
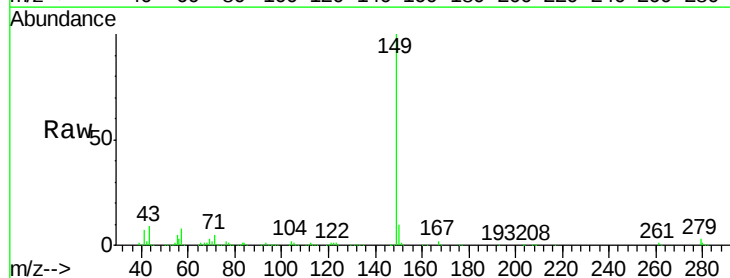
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

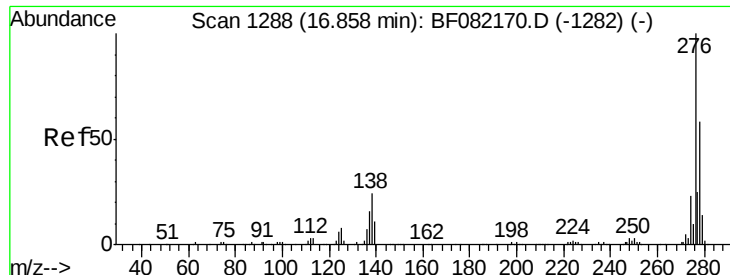
Tot Ion:149 Resp: 385238
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.3 31.9
 279 2.0 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 34.77 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Tgt Ion:149 Resp: 657586
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.2 7.4 11.2

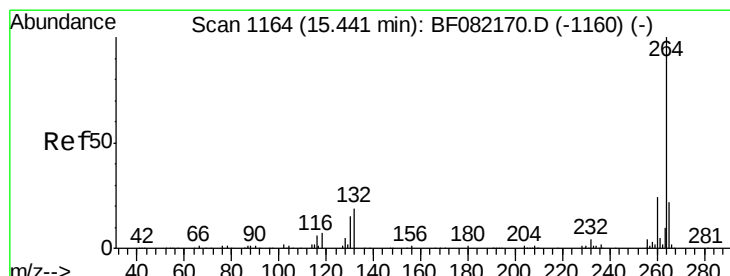
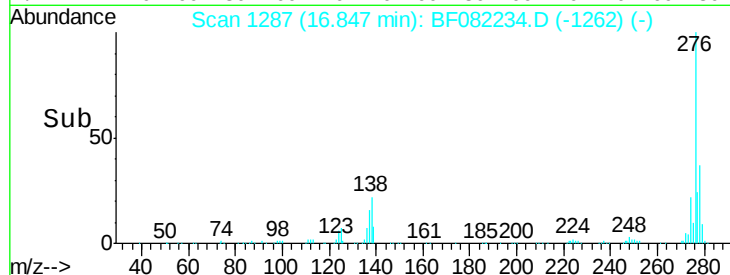
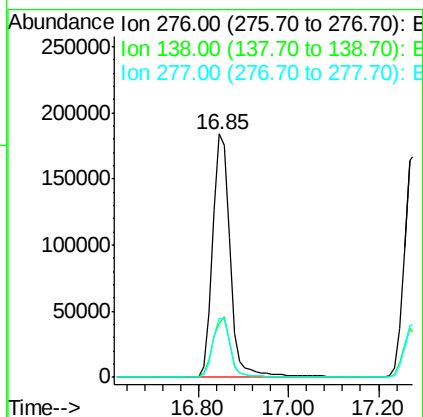
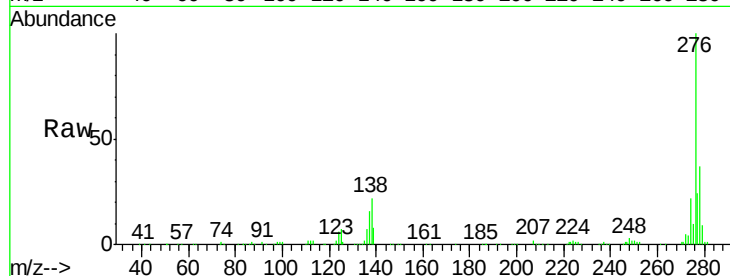




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.67 ng
 RT: 16.85 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

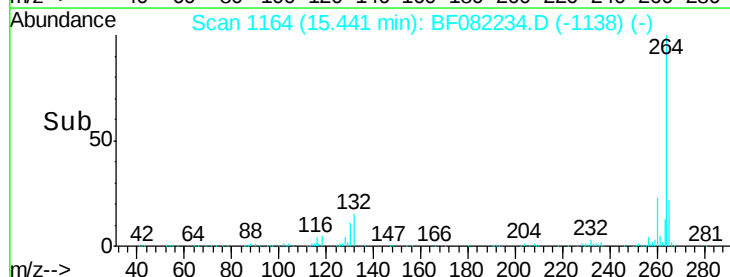
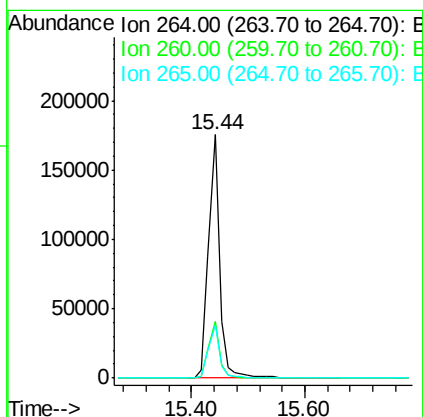
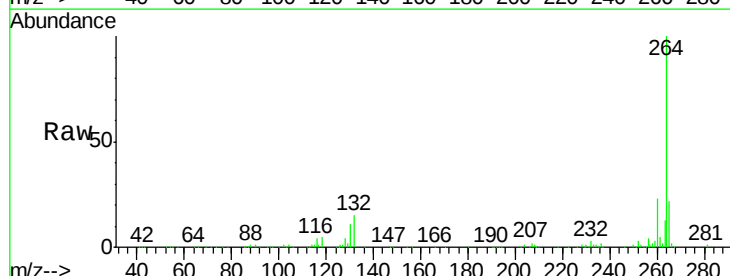
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

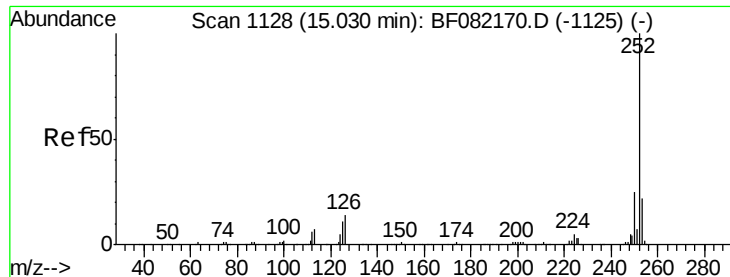
Tot Ion:276 Resp: 505102
 Ion Ratio Lower Upper
 276 100
 138 24.8 19.7 29.5
 277 24.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Tgt Ion:264 Resp: 229881
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.9 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 36.20 ng

RT: 15.03 min Scan# 1128

Delta R.T. -0.00 min

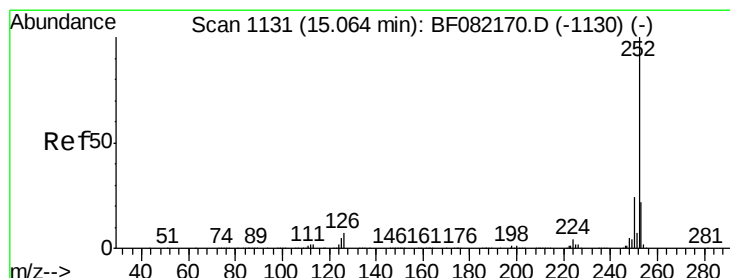
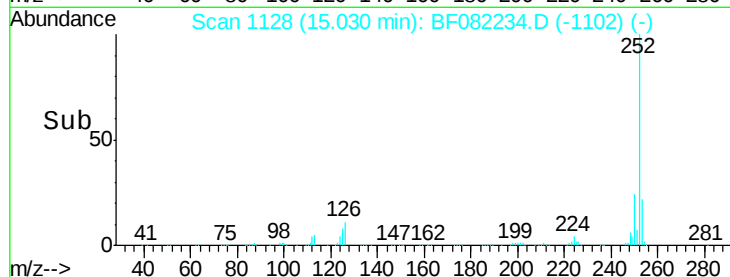
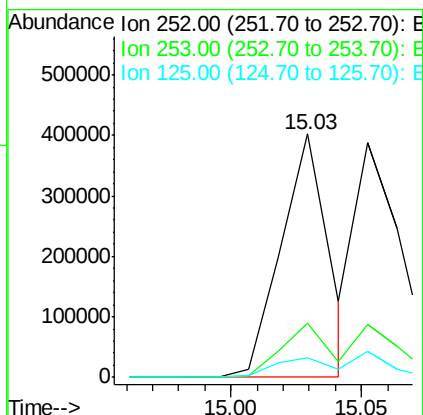
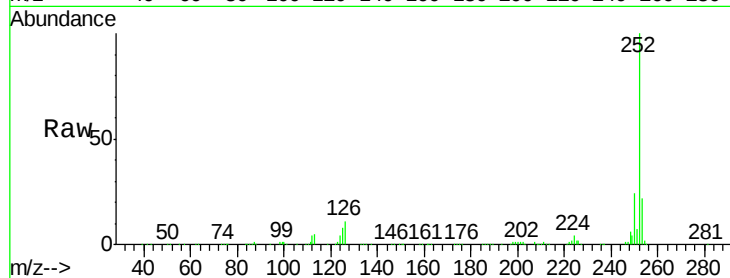
Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 506231

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	7.9	8.6	12.8#



#88

Benzo(k)fluoranthene

Concen: 43.06 ng

RT: 15.03 min Scan# 1128

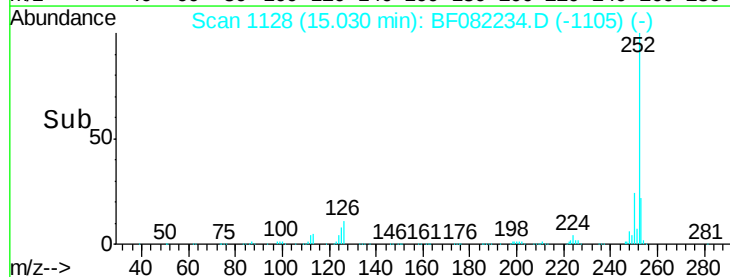
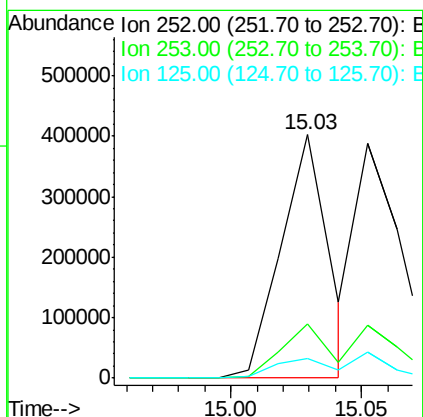
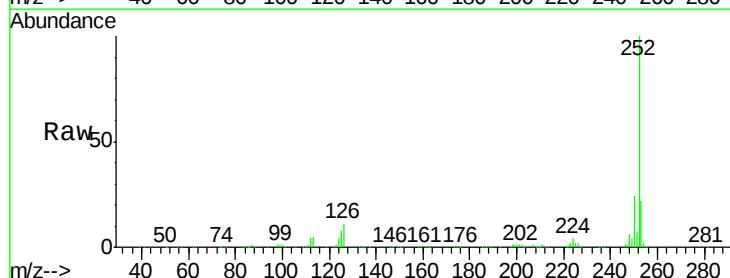
Delta R.T. -0.03 min

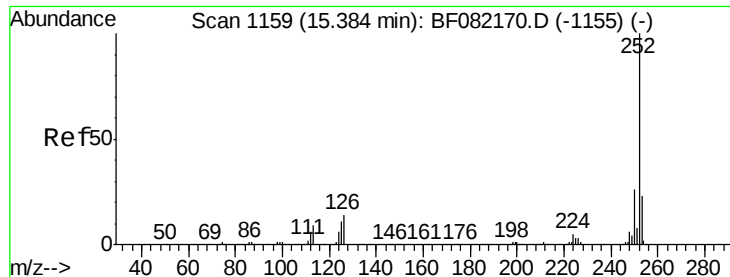
Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion:252 Resp: 506231

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	7.9	6.7	10.1





#89

Benzo(a)pyrene

Concen: 38.68 ng

RT: 15.38 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

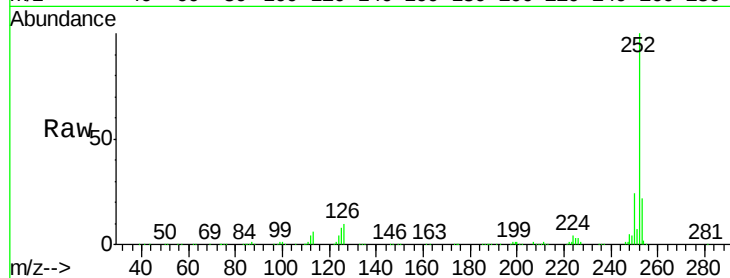
Tot Ion:252 Resp: 464860

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.2

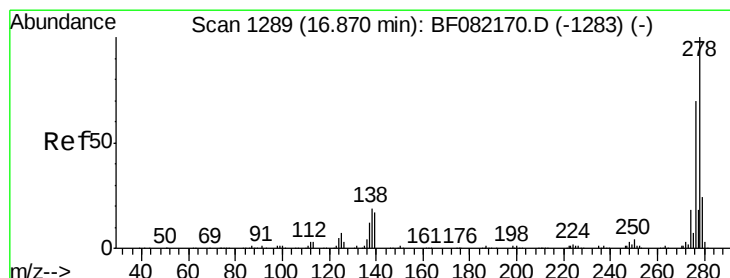
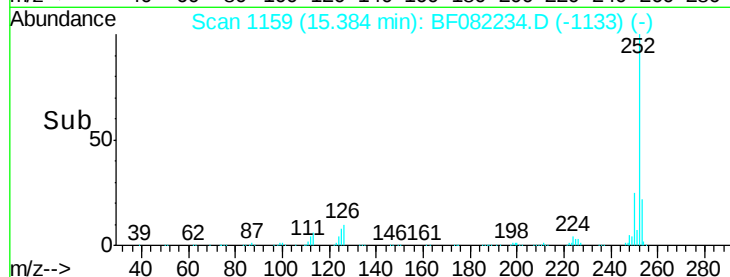
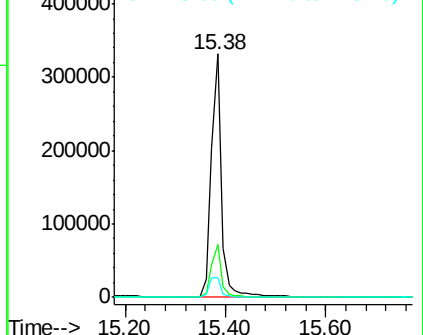
125 8.2 8.9 13.3#



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: 42.01 ng

RT: 16.87 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

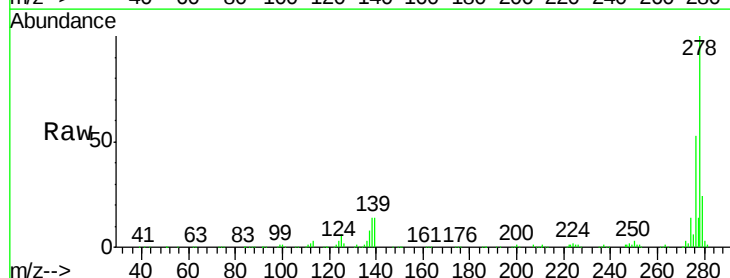
Tgt Ion:278 Resp: 413795

Ion Ratio Lower Upper

278 100

139 13.5 13.3 19.9

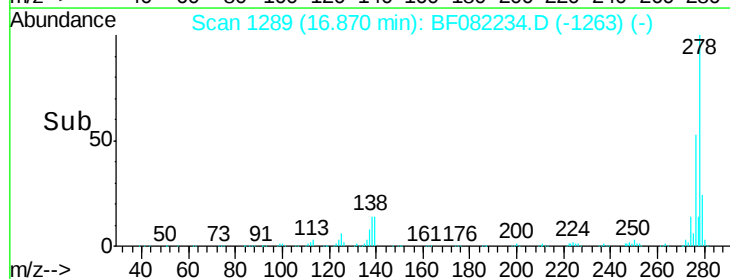
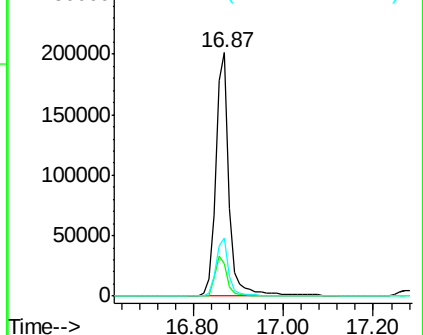
279 23.6 18.9 28.3

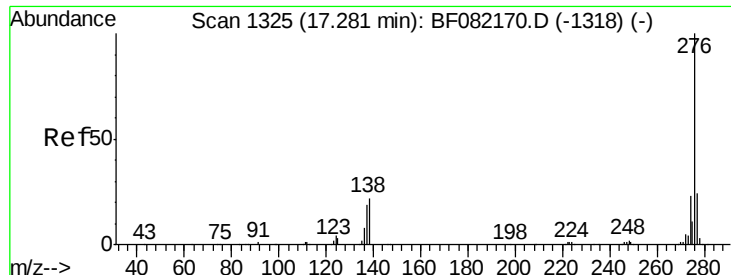


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

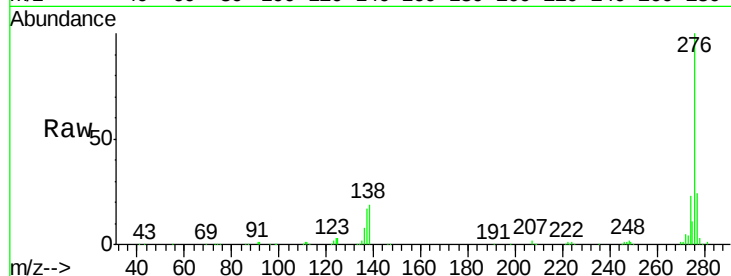




#91
 Benzo(a,h,i)perylene
 Concen: 43.08 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	18.9	17.4	26.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

