

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082253.D
 Acq On : 13 Oct 2015 13:56
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 14 00:51:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	87720	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	340050	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	166574	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	336074	20.00	ng	0.00
75) Chrysene-d12	14.14	240	305619	20.00	ng	0.13
86) Perylene-d12	15.77	264	296404	20.00	ng	0.33

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	364191	83.79	ng	-0.01
7) Phenol-d6	6.47	99	459550	81.25	ng	-0.01
23) Nitrobenzene-d5	7.41	82	426347	84.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	133497	85.46	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	816664	81.31	ng	-0.01
78) Terphenyl-d14	12.98	244	822219	71.29	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	82294	37.68	ng	100
3) Pyridine	3.10	79	197834	38.95	ng	99
4) n-Nitrosodimethylamine	3.06	42	85879	39.87	ng	96
6) Aniline	6.49	93	300146	41.16	ng	97
8) 2-Chlorophenol	6.62	128	195648	36.87	ng	97
9) Benzaldehyde	6.38	77	124342	43.05	ng	97
10) Phenol	6.48	94	262423	40.24	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	213511	38.72	ng	99
12) 1,3-Dichlorobenzene	6.77	146	240787	38.97	ng	99
13) 1,4-Dichlorobenzene	6.85	146	253288	39.25	ng	100
14) 1,2-Dichlorobenzene	6.99	146	214924	35.07	ng	100
15) Benzyl Alcohol	6.98	79	162478	41.61	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.11	45	275796	35.91	ng	100
17) 2-Methylphenol	7.10	107	168724	40.21	ng	96
18) Hexachloroethane	7.34	117	82419	37.31	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	145239	36.56	ng	# 84
20) 3+4-Methylphenols	7.25	107	191287	38.26	ng	91
22) Acetophenone	7.25	105	265887	39.53	ng	100
24) Nitrobenzene	7.42	77	204451	37.30	ng	98
25) Isophorone	7.66	82	382268	37.40	ng	99
26) 2-Nitrophenol	7.74	139	118931	43.46	ng	94
27) 2,4-Dimethylphenol	7.78	122	184870	41.93	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	247307	41.59	ng	99
29) 2,4-Dichlorophenol	7.98	162	174400	39.57	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	191545	37.70	ng	98
31) Naphthalene	8.14	128	558913	37.92	ng	100
32) Benzoic acid	7.89	122	78602	26.56	ng	97
33) 4-Chloroaniline	8.19	127	246804	40.32	ng	96
34) Hexachlorobutadiene	8.25	225	114975	36.32	ng	97
35) Caprolactam	8.58	113	54770	42.81	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	183153	42.49	ng	86
37) 2-Methylnaphthalene	8.83	142	418096	40.91	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	191010	38.55	ng	97
40) Hexachlorocyclopentadiene	8.98	237	71981	34.04	ng	97

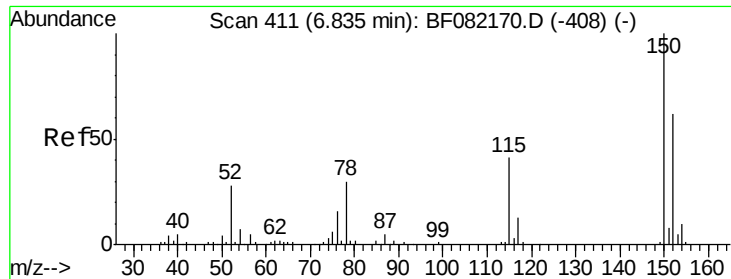
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	137894	41.90	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	134208	37.65	nq	# 90
45) 1,1'-Biphenyl	9.30	154	528350	41.60	nq	96
46) 2-Chloronaphthalene	9.33	162	398919	39.89	nq	96
47) 2-Nitroaniline	9.43	65	122328	44.56	nq	# 84
48) Acenaphthylene	9.74	152	600724	38.56	nq	100
49) Dimethylphthalate	9.61	163	470590	40.12	nq	98
50) 2,6-Dinitrotoluene	9.67	165	93159	37.64	nq	# 73
51) Acenaphthene	9.91	154	359314	38.42	nq	100
52) 3-Nitroaniline	9.84	138	111225	39.79	nq	# 81
53) 2,4-Dinitrophenol	9.95	184	35708	30.15	nq	# 91
54) Dibenzofuran	10.08	168	494899	38.55	nq	96
55) 4-Nitrophenol	10.01	139	69012	43.57	nq	89
56) 2,4-Dinitrotoluene	10.08	165	131443	42.49	nq	89
57) Fluorene	10.42	166	399769	37.91	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	123523	42.41	nq	94
59) Diethylphthalate	10.31	149	453335	41.46	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	201507	41.72	nq	88
61) 4-Nitroaniline	10.46	138	117503	43.33	nq	91
62) Azobenzene	10.58	77	436244	40.77	nq	92
64) 4,6-Dinitro-2-methylphenol	10.48	198	61570	32.65	nq	# 55
65) n-Nitrosodiphenylamine	10.55	169	383249	38.09	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	127867	38.02	nq	# 88
67) Hexachlorobenzene	10.97	284	129523	35.61	nq	# 72
68) Atrazine	11.07	200	125507	39.37	nq	99
69) Pentachlorophenol	11.18	266	66230	35.38	nq	98
70) Phenanthrene	11.39	178	662821	40.24	nq	100
71) Anthracene	11.44	178	642767	37.87	nq	99
72) Carbazole	11.60	167	587281	37.93	nq	99
73) Di-n-butylphthalate	11.93	149	665044	34.81	nq	100
74) Fluoranthene	12.60	202	706562	39.94	nq	100
76) Benzidine	12.73	184	322778	36.44	nq	99
77) Pyrene	12.84	202	735219	40.54	nq	98
79) Butylbenzylphthalate	13.50	149	306918	37.08	nq	97
80) Benzo(a)anthracene	14.13	228	623650	39.22	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	251155	41.61	nq	98
82) Chrysene	14.17	228	658295	39.29	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	377769	31.99	nq	98
84) Di-n-octyl phthalate	14.86	149	684221	33.74	nq	100
85) Indeno(1,2,3-cd)pyrene	17.24	276	540502	40.59	nq	99
87) Benzo(b)fluoranthene	15.34	252	600481	33.30	nq	98
88) Benzo(k)fluoranthene	15.34	252	600481	39.62	nq	99
89) Benzo(a)pyrene	15.70	252	596459	38.49	nq	98
90) Dibenzo(a,h)anthracene	17.25	278	476095	37.49	nq	99
91) Benzo(g,h,i)perylene	17.67	276	447306	36.25	nq	98

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

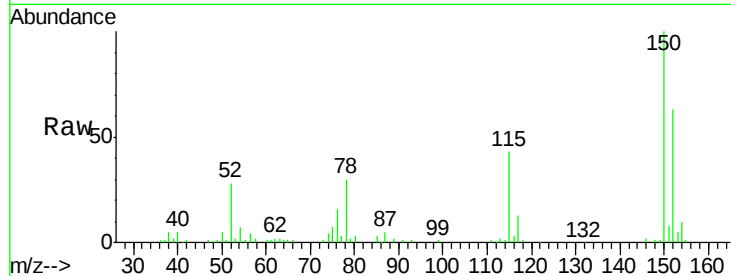


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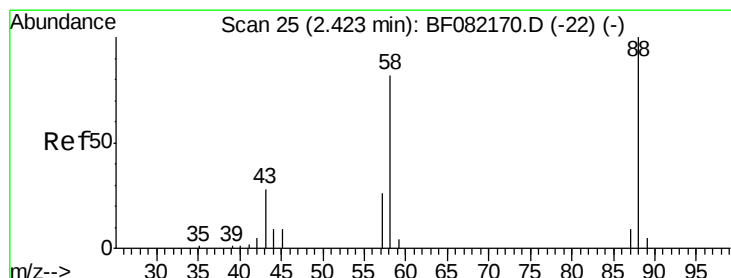
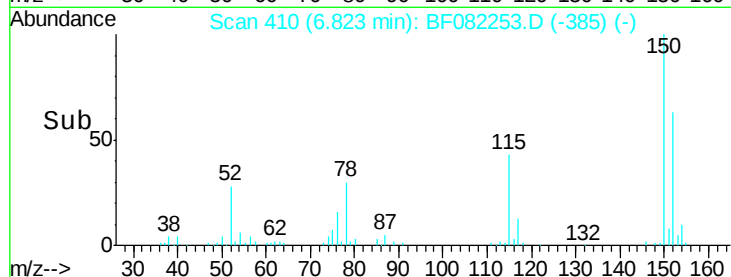
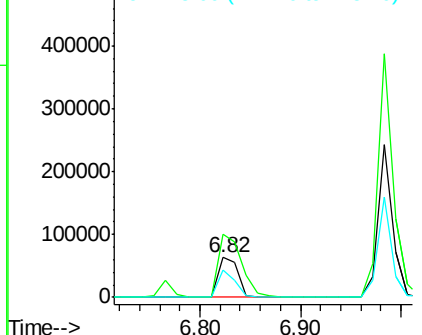
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 87720
Ion Ratio Lower Upper
152 100
150 159.2 129.0 193.4
115 67.7 52.1 78.1



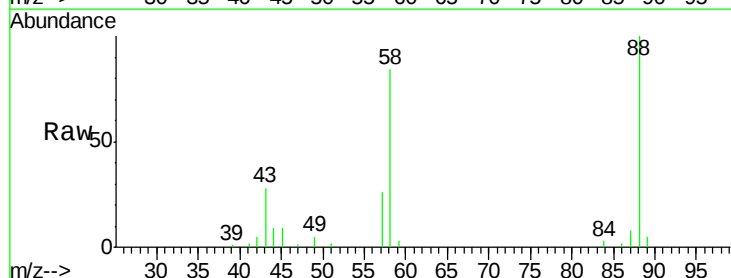
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



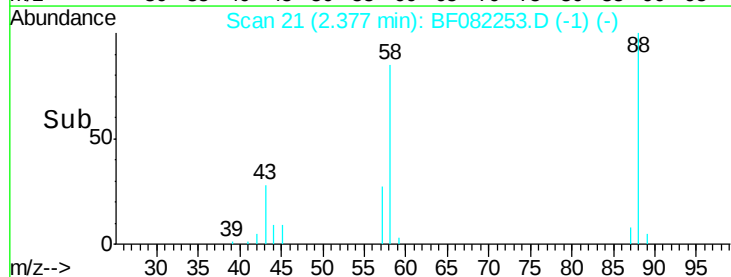
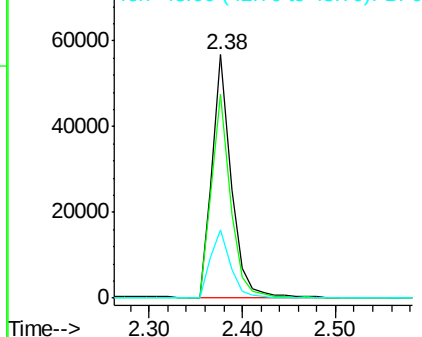
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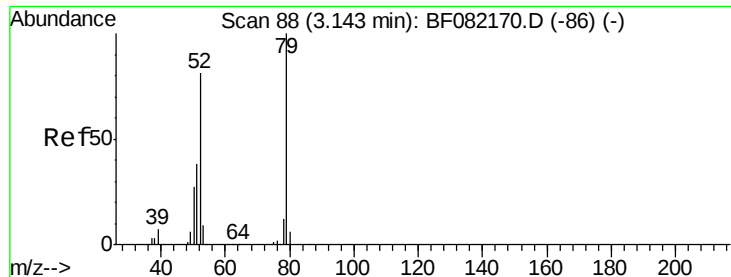
1,4-Dioxane
Concen: 37.68 ng
RT: 2.38 min Scan# 21
Delta R.T. -0.05 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Tgt Ion: 88 Resp: 82294
Ion Ratio Lower Upper
88 100
58 82.5 66.2 99.4
43 28.8 23.0 34.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.95 ng

RT: 3.10 min Scan# 84

Delta R.T. -0.05 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

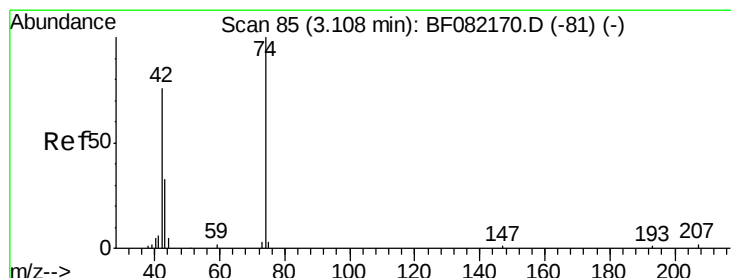
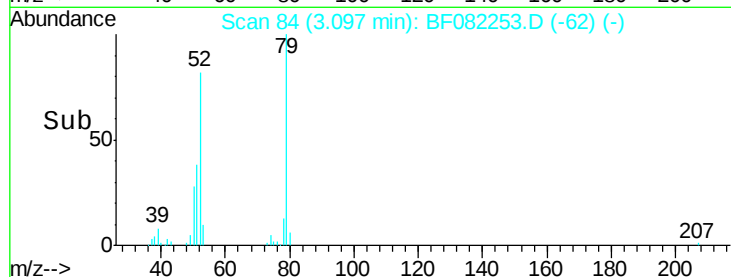
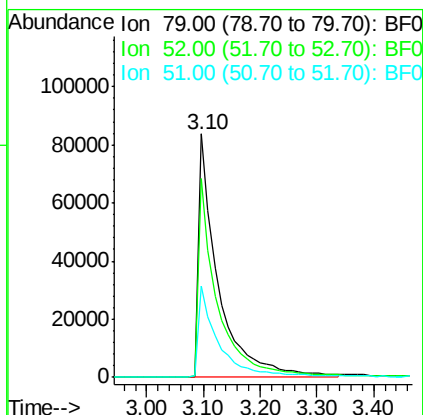
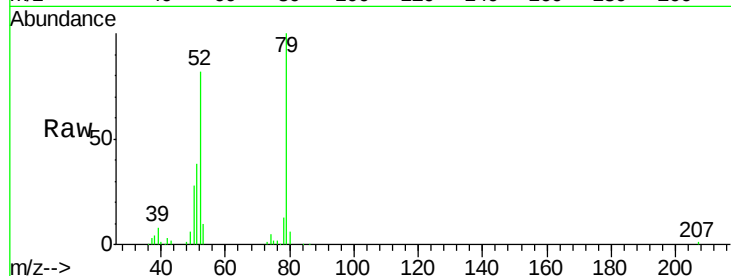
Tot Ion: 79 Resp: 197834

Ion Ratio Lower Upper

79 100

52 81.6 64.4 96.6

51 37.5 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 39.87 ng

RT: 3.06 min Scan# 81

Delta R.T. -0.05 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

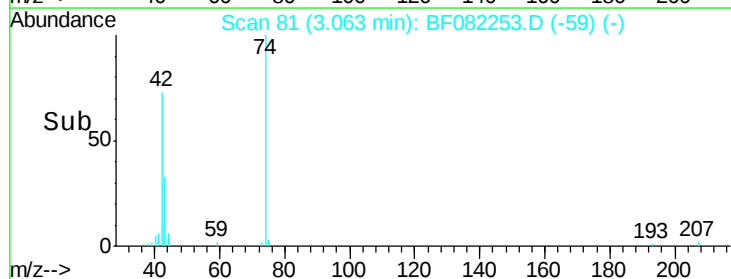
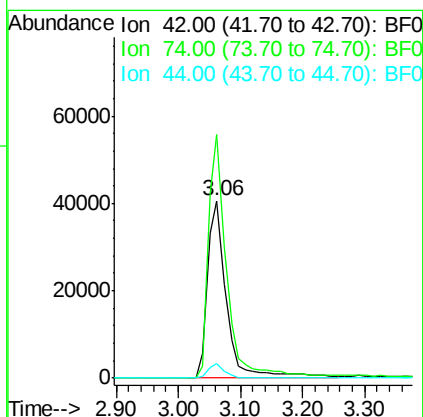
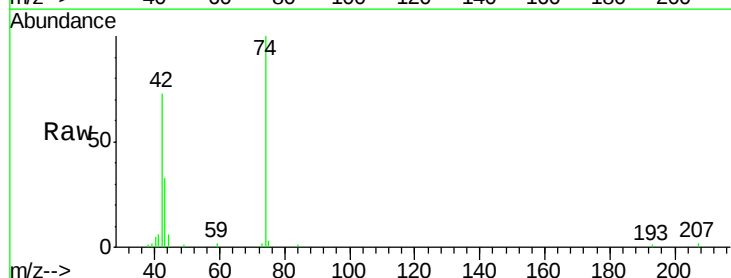
Tgt Ion: 42 Resp: 85879

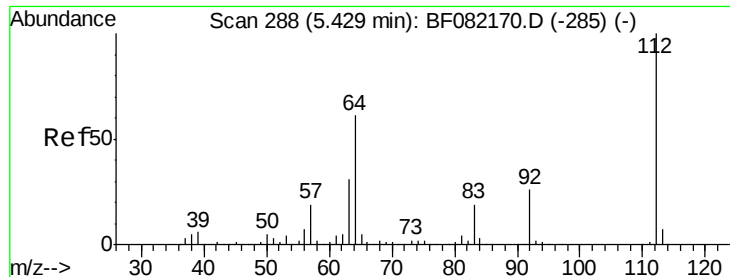
Ion Ratio Lower Upper

42 100

74 137.3 105.7 158.5

44 7.8 5.4 8.2





#5

2-Fluorophenol

Concen: 83.79 ng

RT: 5.42 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

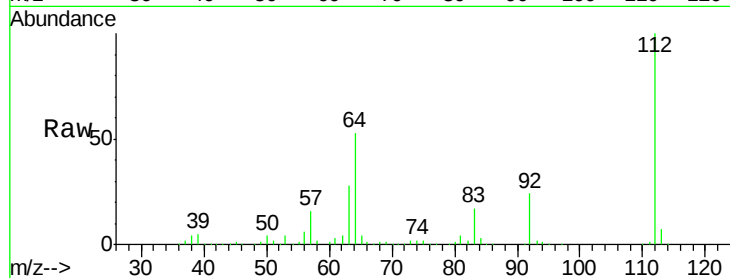
Tot Ion: 112 Resp: 364191

Ion Ratio Lower Upper

112 100

64 52.7 48.6 73.0

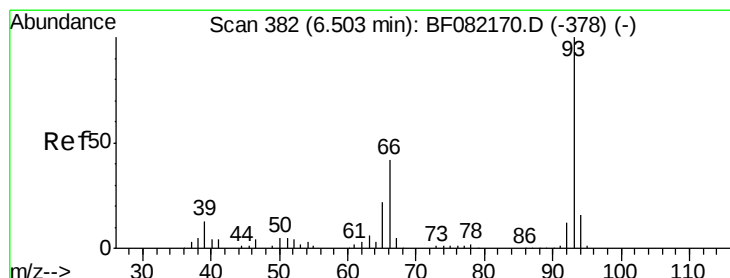
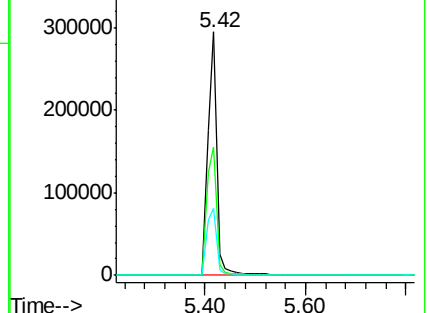
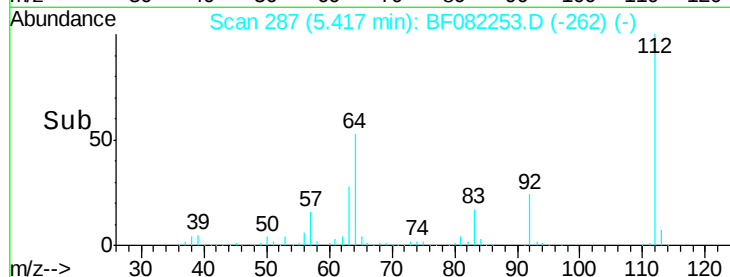
63 27.6 25.1 37.7



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: 41.16 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

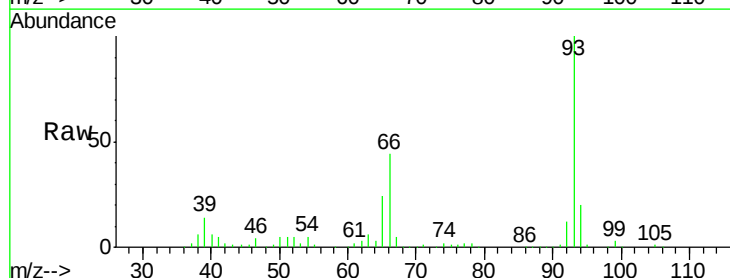
Tgt Ion: 93 Resp: 300146

Ion Ratio Lower Upper

93 100

66 44.4 34.2 51.2

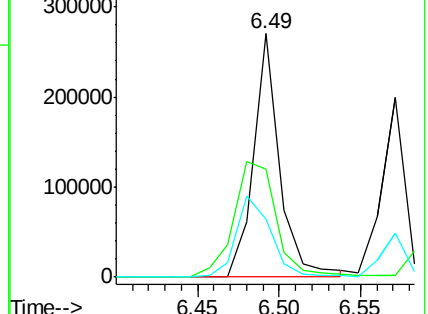
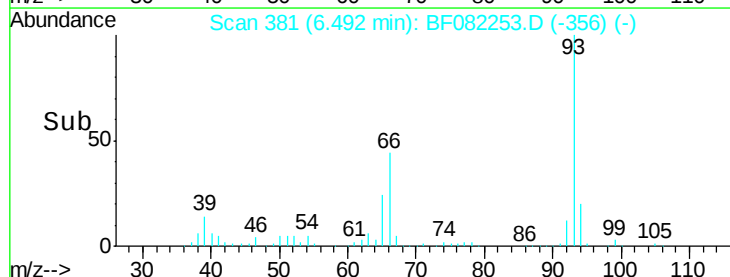
65 23.8 17.9 26.9

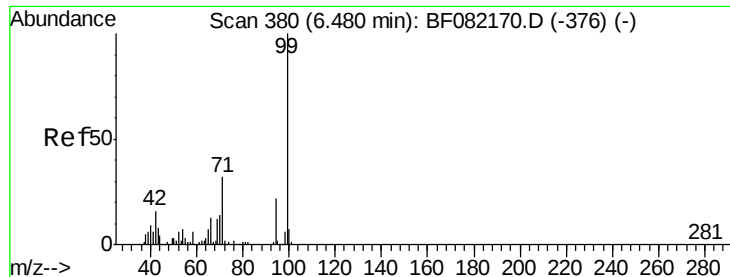


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.25 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

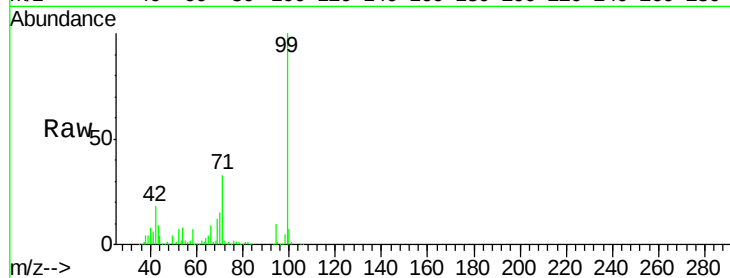
Tot Ion: 99 Resp: 459550

Ion Ratio Lower Upper

99 100

42 17.7 13.2 19.8

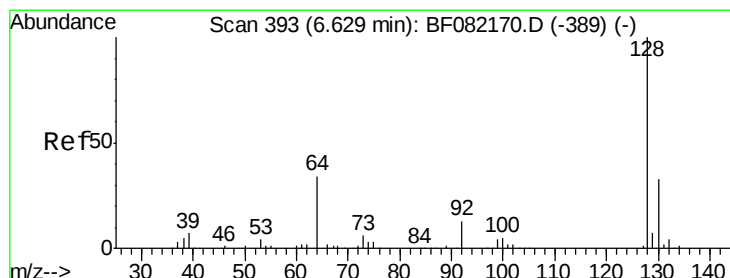
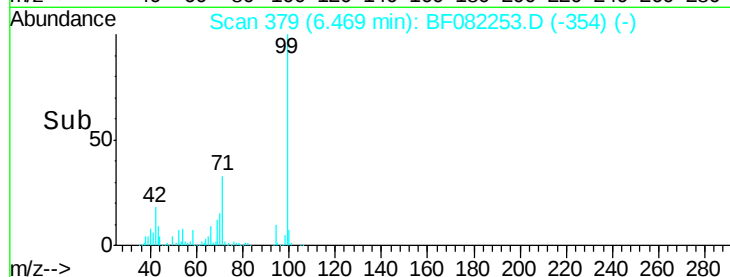
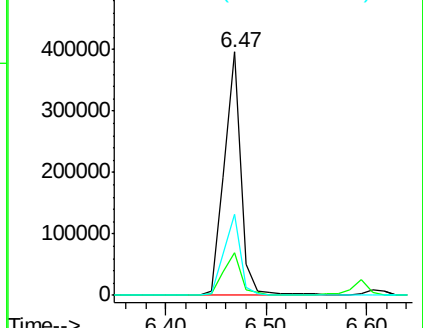
71 33.5 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.87 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

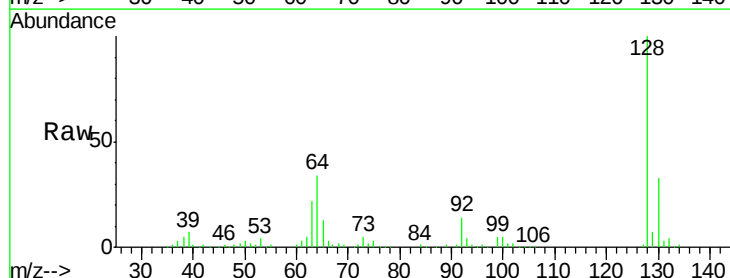
Tgt Ion: 128 Resp: 195648

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

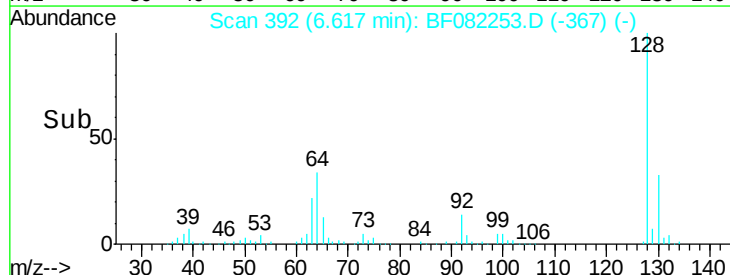
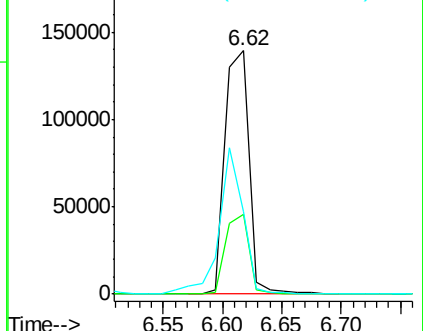
64 34.0 16.7 56.7

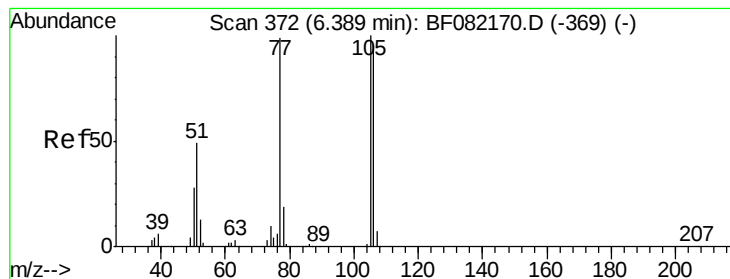


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.05 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

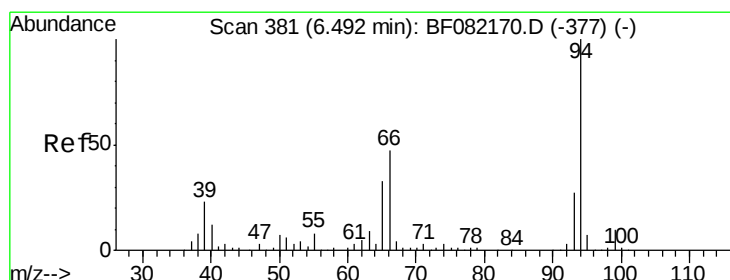
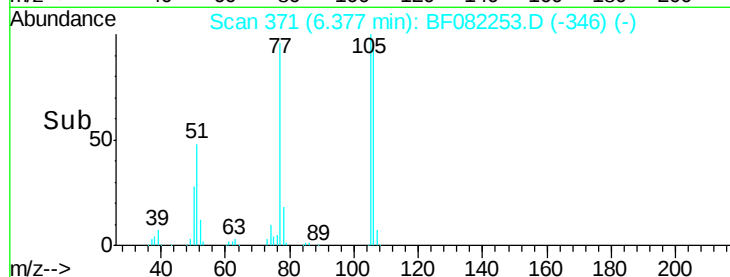
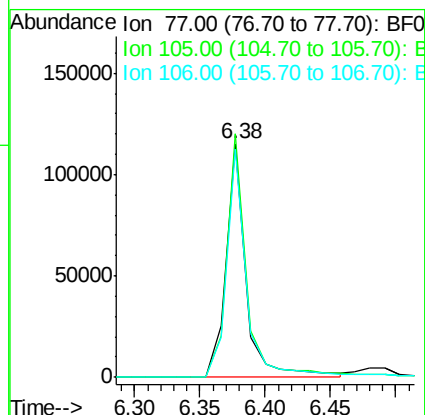
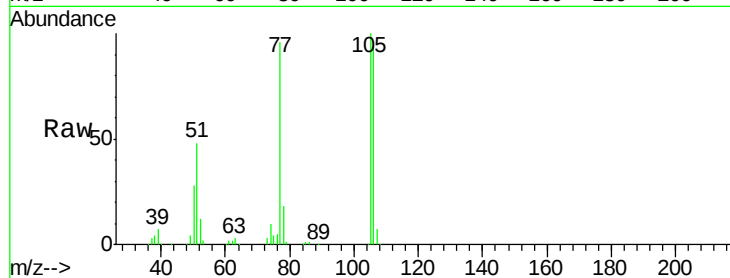
Tot Ion: 77 Resp: 124342

Ion Ratio Lower Upper

77 100

105 104.1 80.6 120.6

106 97.6 75.5 115.5



#10

Phenol

Concen: 40.24 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

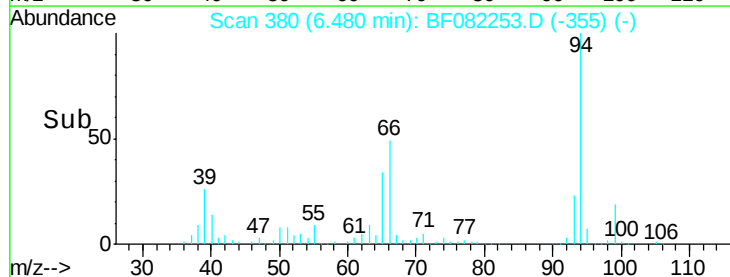
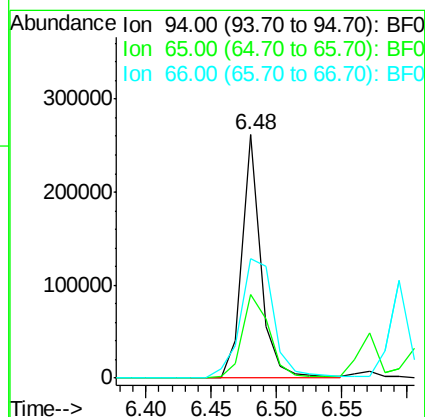
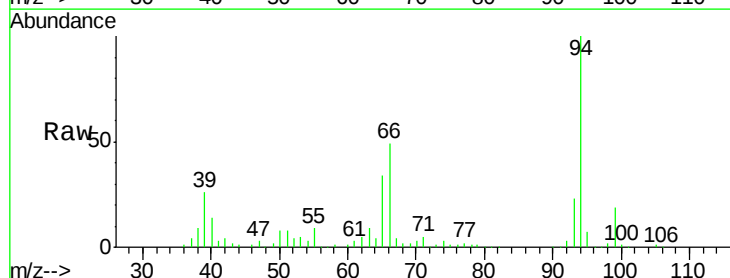
Tgt Ion: 94 Resp: 262423

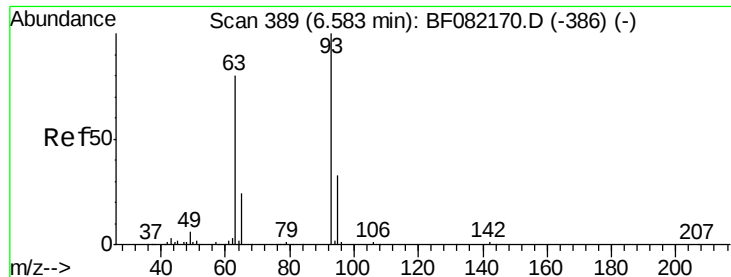
Ion Ratio Lower Upper

94 100

65 34.4 12.6 52.6

66 48.9 27.3 67.3

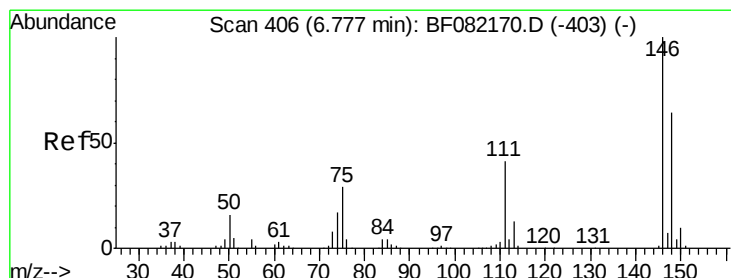
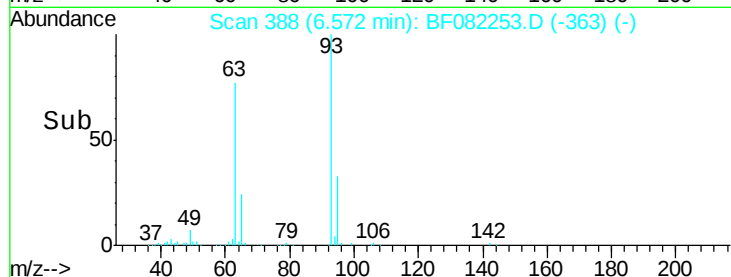
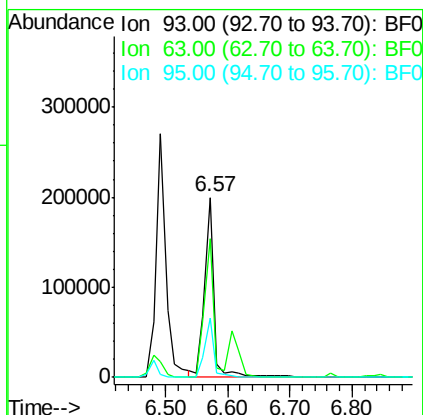
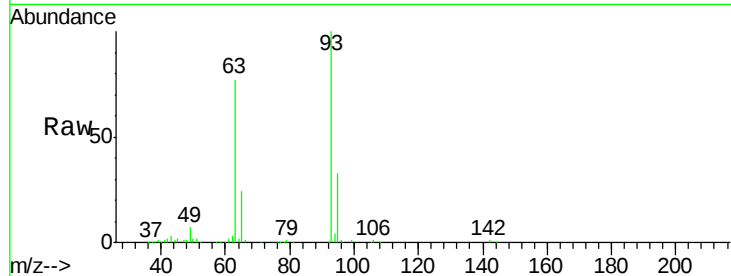




#11
bis(2-Chloroethyl)ether
Concen: 38.72 ng
RT: 6.57 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

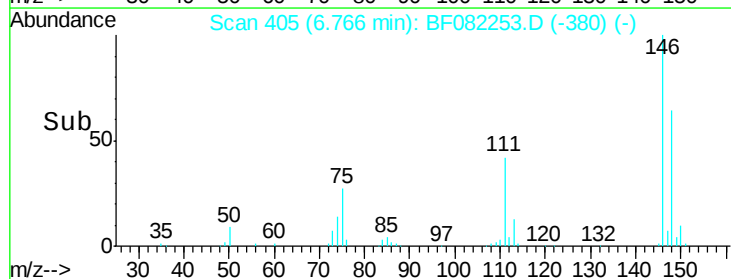
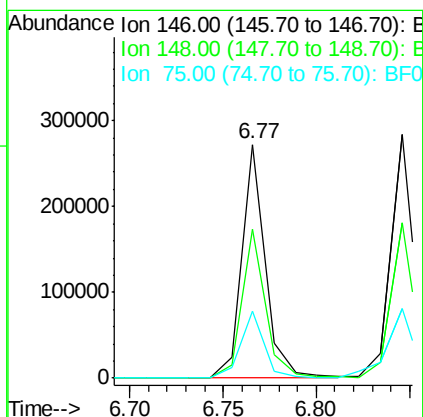
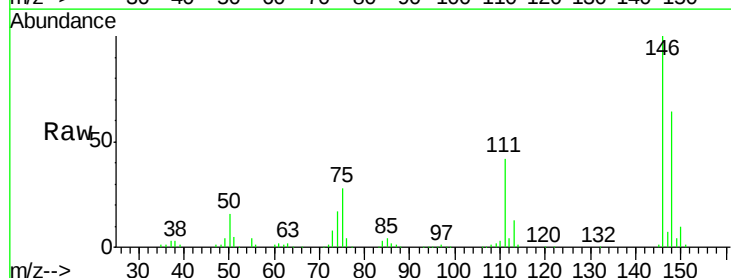
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

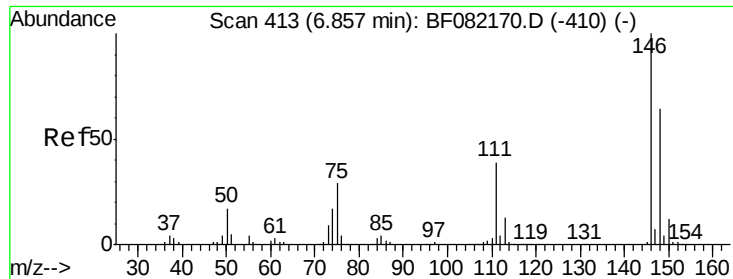
Tot Ion: 93 Resp: 213511
Ion Ratio Lower Upper
93 100
63 77.2 57.1 97.1
95 33.2 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 38.97 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Tgt Ion: 146 Resp: 240787
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 28.4 23.0 34.6

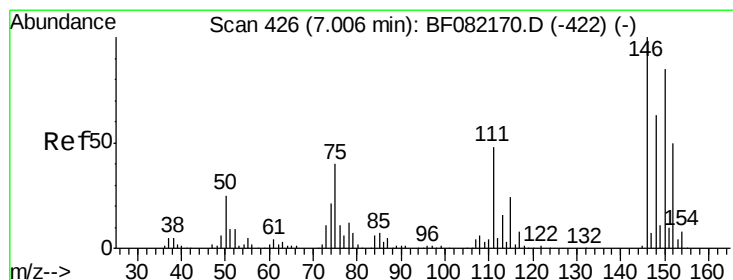
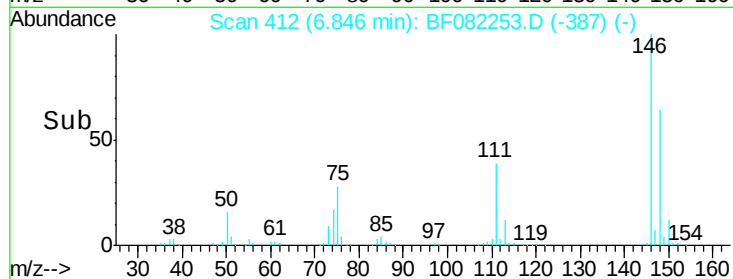
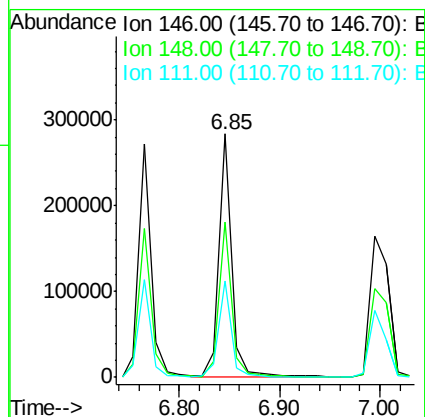
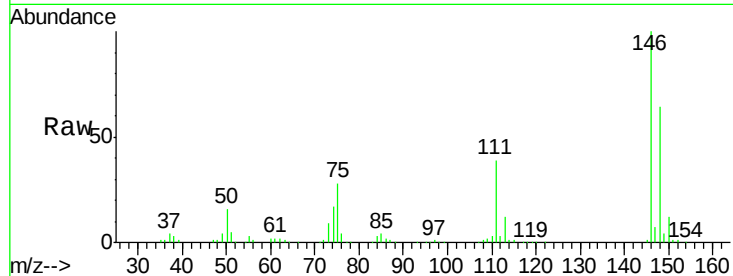




#13
 1,4-Dichlorobenzene
 Concen: 39.25 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

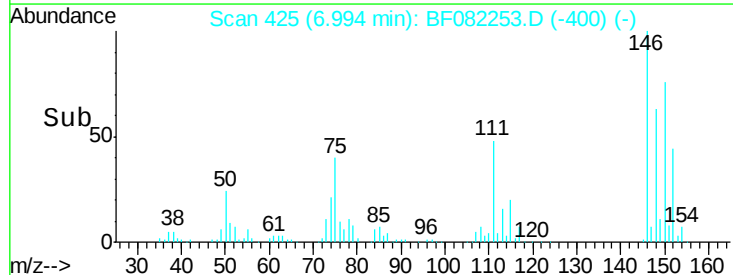
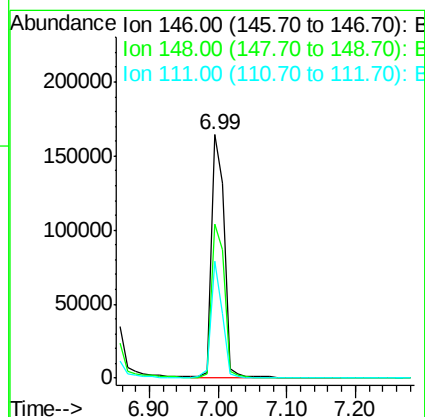
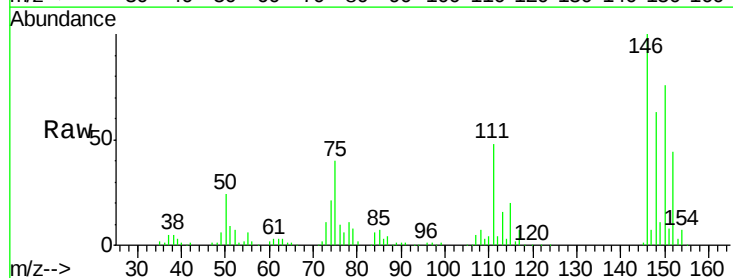
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

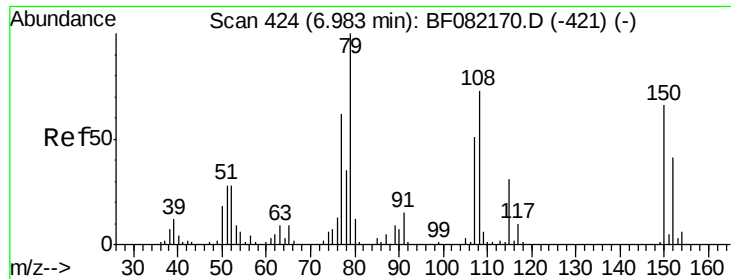
Tot Ion:146 Resp: 253288
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.4
 111 39.4 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 35.07 ng
 RT: 6.99 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

Tgt Ion:146 Resp: 214924
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.5 75.7
 111 47.9 38.5 57.7

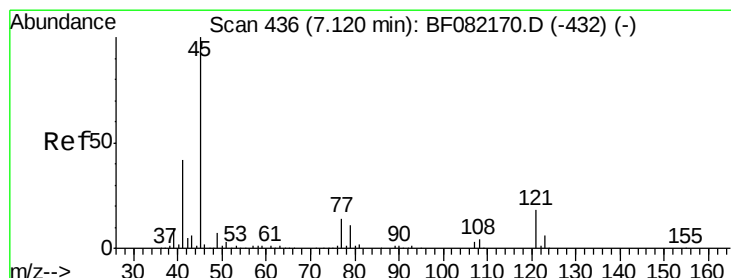
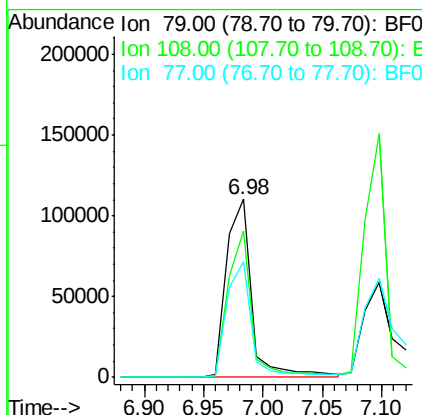
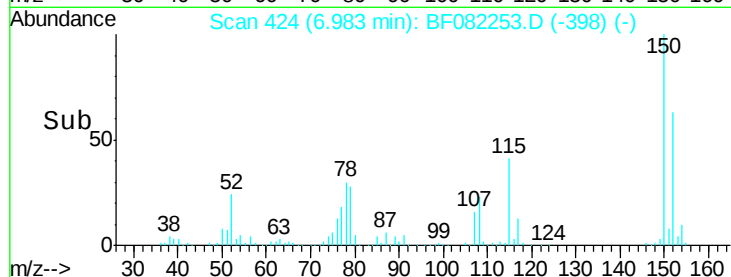
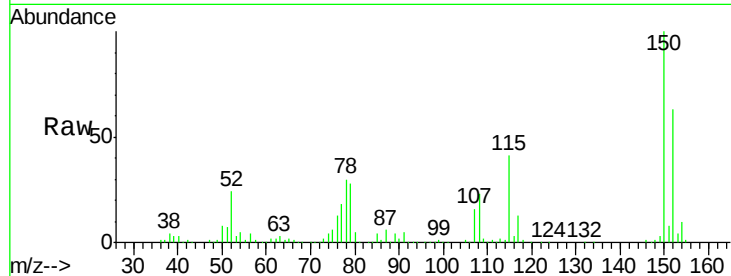




#15
Benzyl Alcohol
Concen: 41.61 ng
RT: 6.98 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

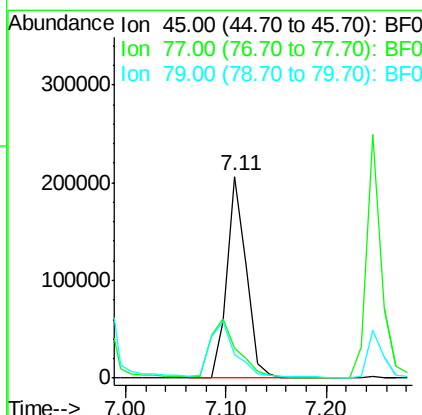
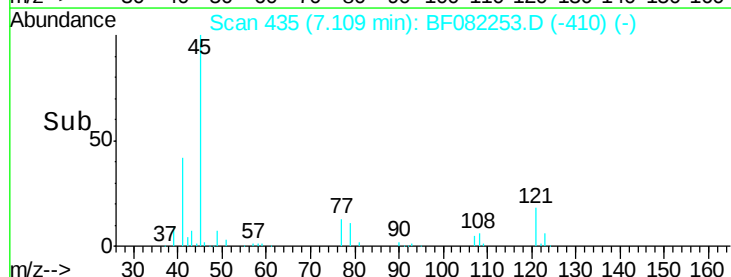
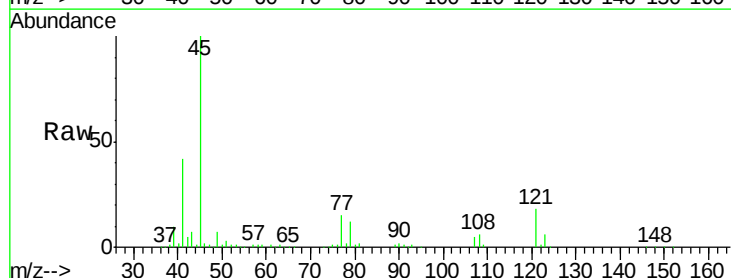
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

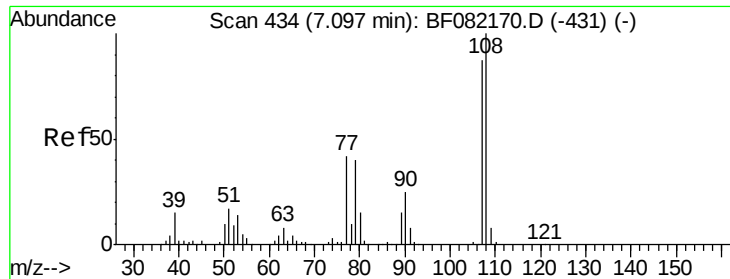
Tot Ion: 79 Resp: 162478
Ion Ratio Lower Upper
79 100
108 82.3 58.4 87.6
77 64.7 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.91 ng
RT: 7.11 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Tgt Ion: 45 Resp: 275796
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.5
79 11.7 0.0 31.6

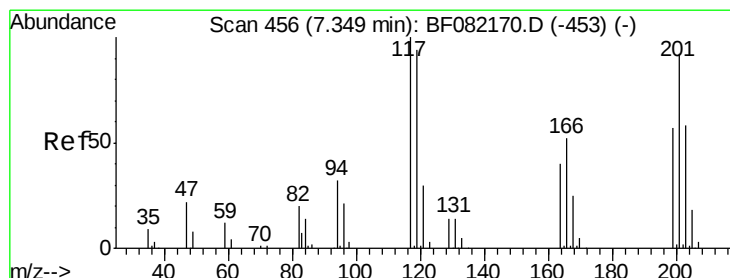
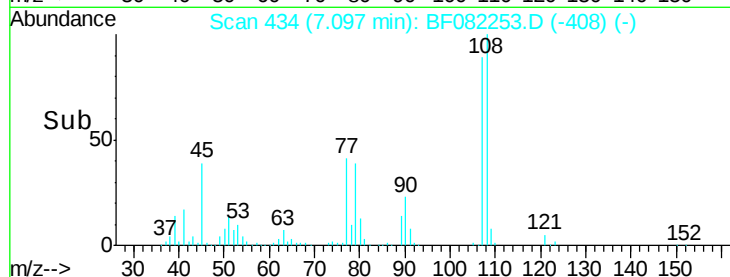
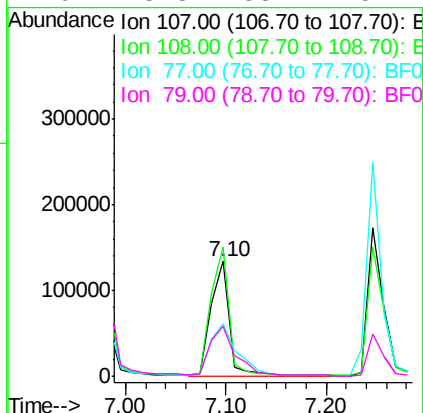
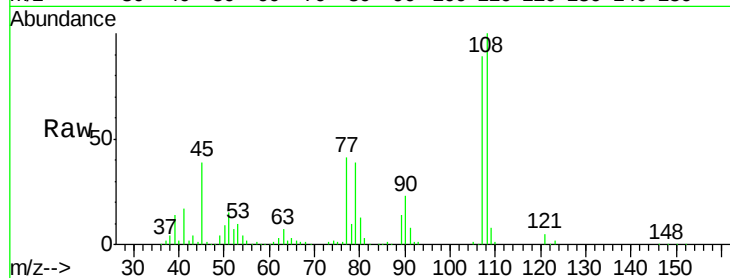




#17
2-Methylphenol
Concen: 40.21 ng
RT: 7.10 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

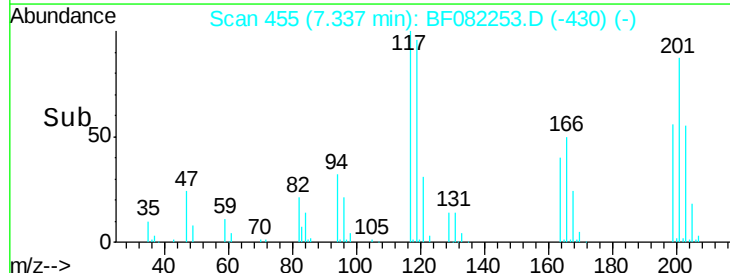
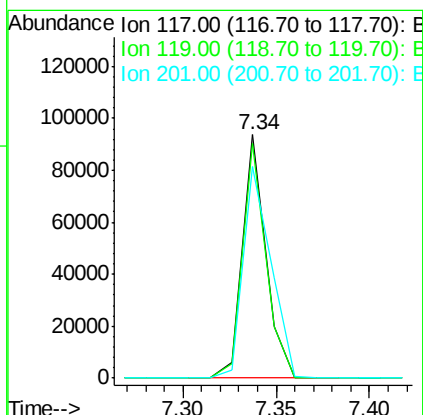
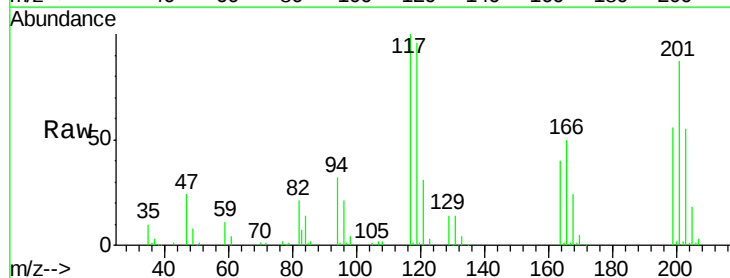
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

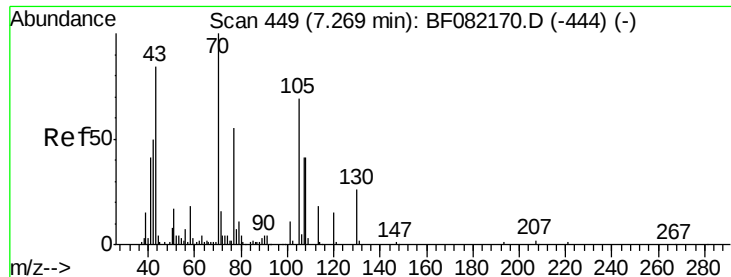
Tot Ion:	107	Resp:	168724
Ion	Ratio	Lower	Upper
107	100		
108	112.6	92.2	138.2
77	45.7	39.6	59.4
79	43.8	38.2	57.4



#18
Hexachloroethane
Concen: 37.31 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Tgt Ion:	117	Resp:	82419
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.4	113.2
201	86.7	73.4	110.0





#19

n-Nitroso-di-n-propylamine

Concen: 36.56 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 145239

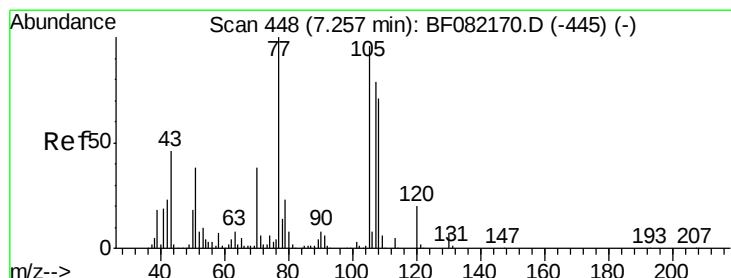
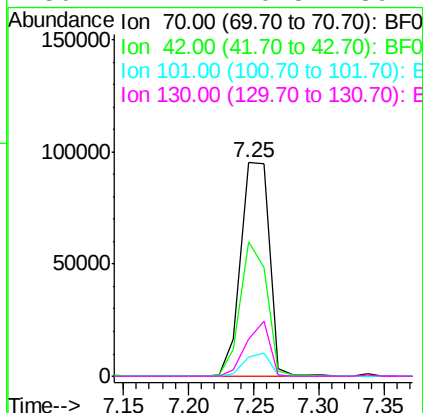
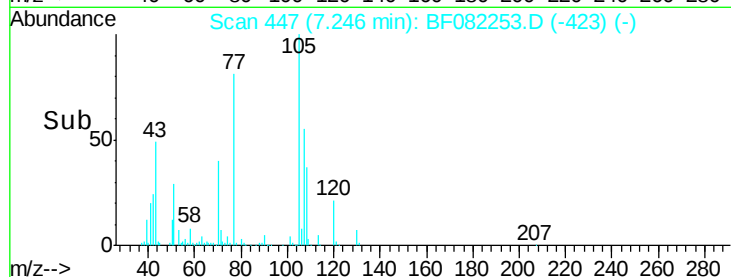
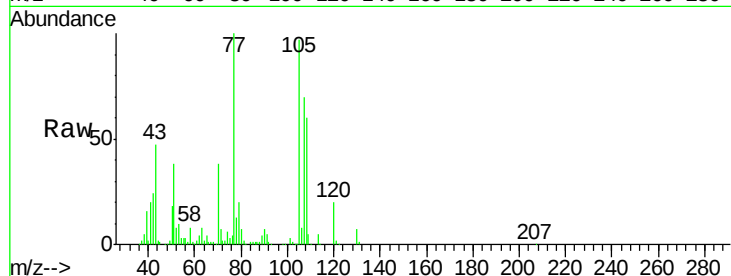
Ion Ratio Lower Upper

70 100

42 62.7 39.8 59.8#

101 8.8 8.6 13.0

130 17.4 20.5 30.7#



#20

3+4-Methylphenols

Concen: 38.26 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Tgt Ion: 107 Resp: 191287

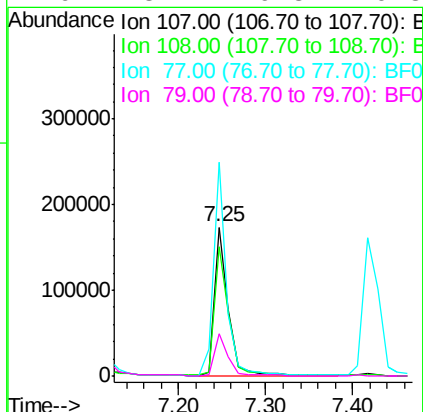
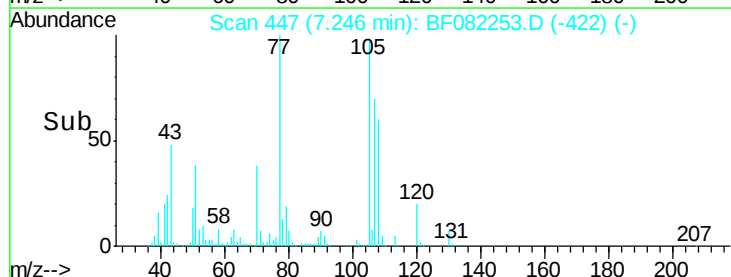
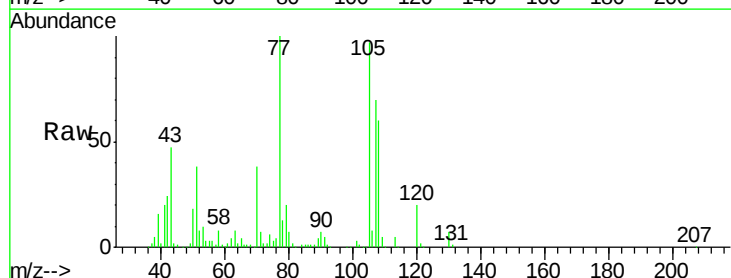
Ion Ratio Lower Upper

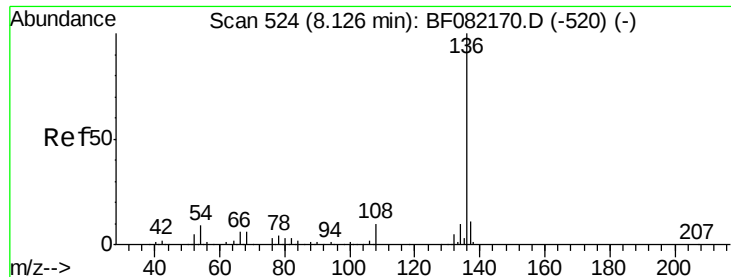
107 100

108 86.3 69.9 109.9

77 143.3 106.0 146.0

79 28.4 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 340050

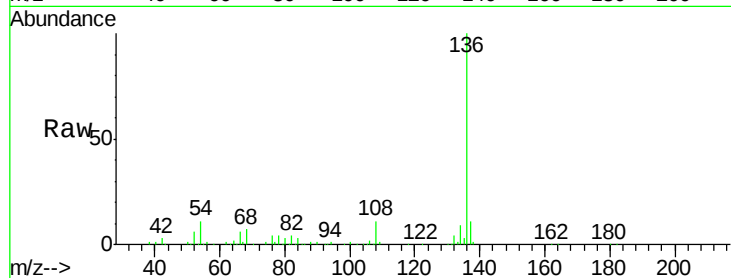
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 10.9 7.5 11.3

68 6.7 4.6 7.0

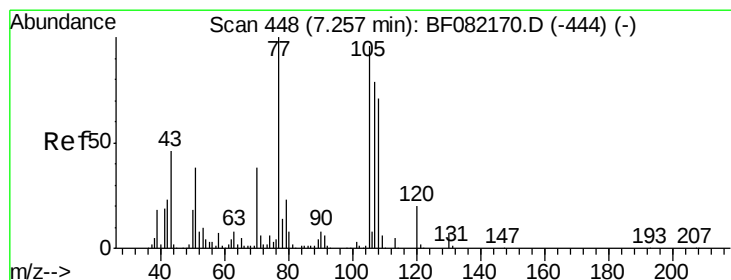
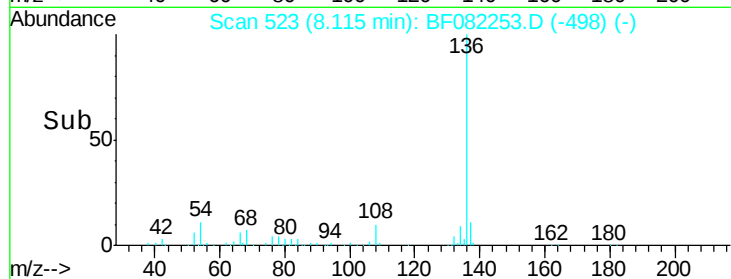
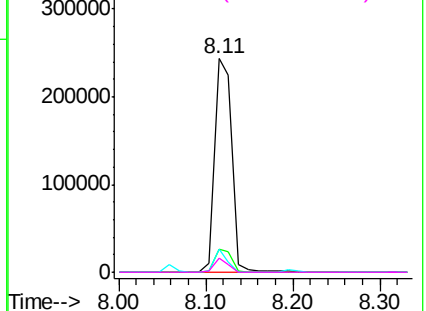


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.53 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Tgt Ion:105 Resp: 265887

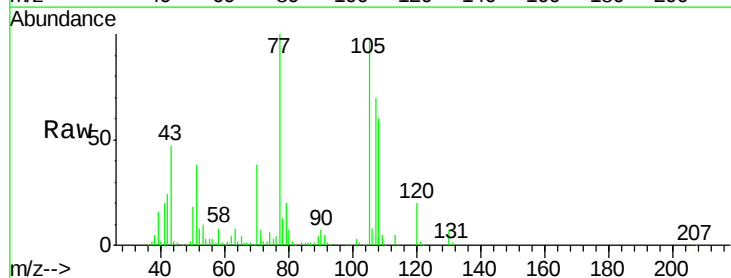
Ion Ratio Lower Upper

105 100

71 6.8 5.4 8.0

51 39.5 31.8 47.6

120 20.7 16.3 24.5

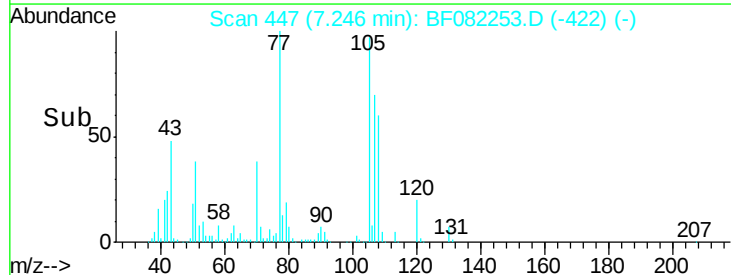
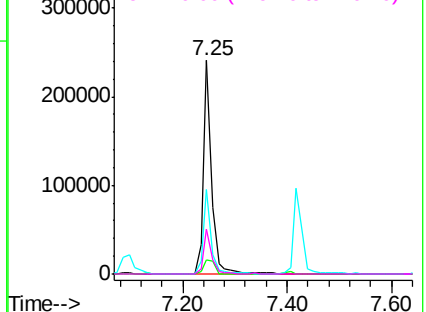


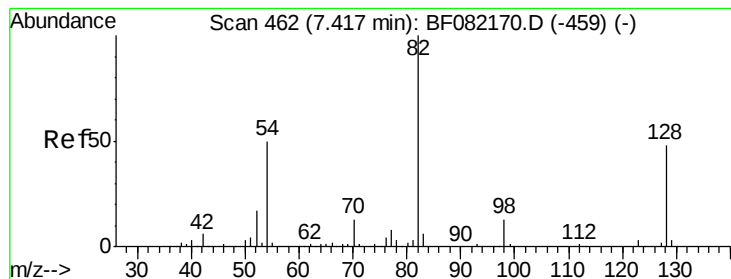
Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.20 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

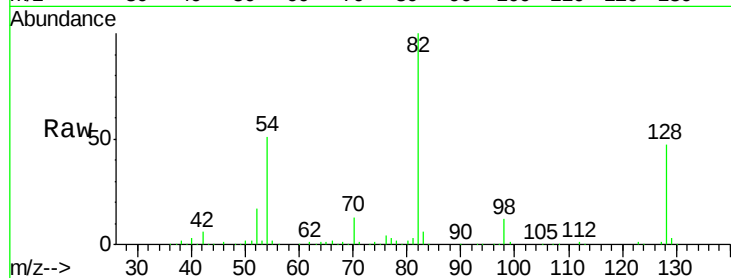
Tot Ion: 82 Resp: 426347

Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.7	58.1
54	51.3	40.1	60.1

82 100

128 46.7 38.7 58.1

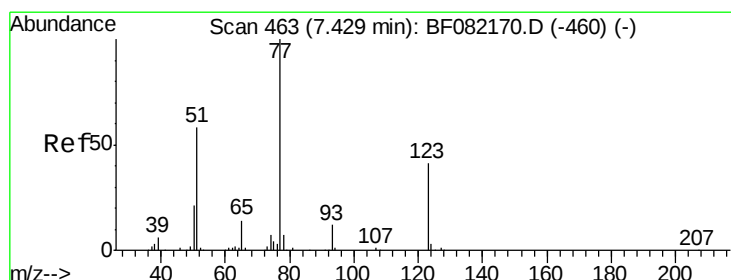
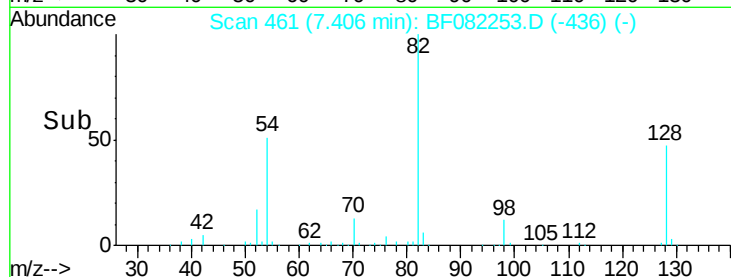
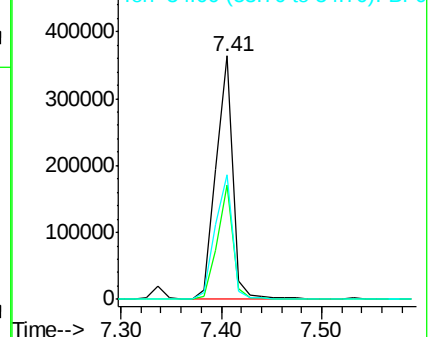
54 51.3 40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.30 ng

RT: 7.42 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

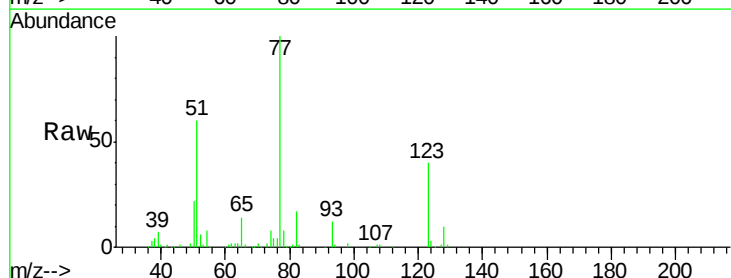
Tgt Ion: 77 Resp: 204451

Ion	Ratio	Lower	Upper
77	100		
123	39.6	33.0	49.4
65	14.3	11.2	16.8

77 100

123 39.6 33.0 49.4

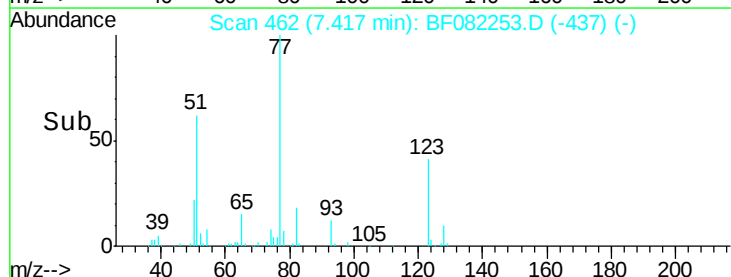
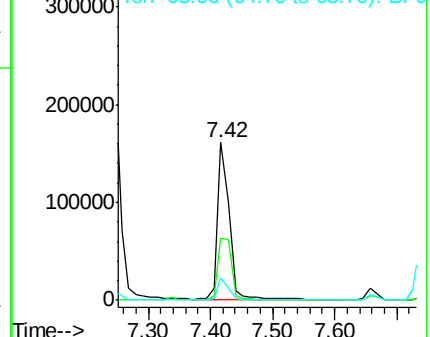
65 14.3 11.2 16.8

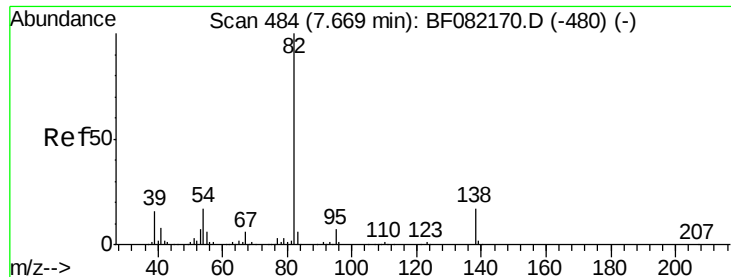


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.40 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

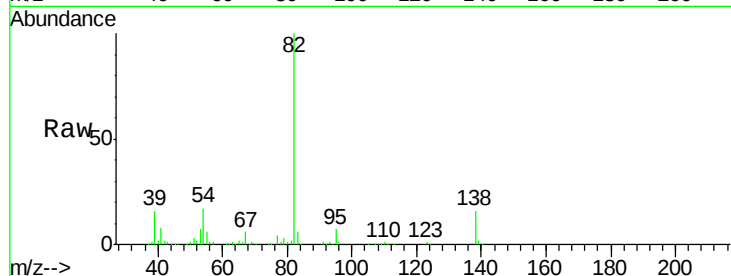
Tot Ion: 82 Resp: 382268

Ion Ratio Lower Upper

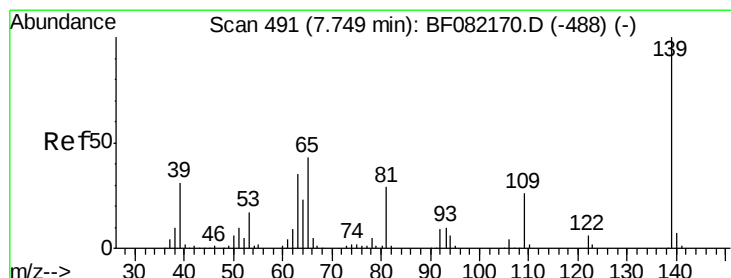
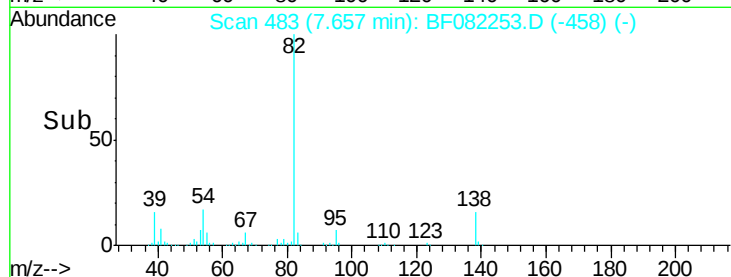
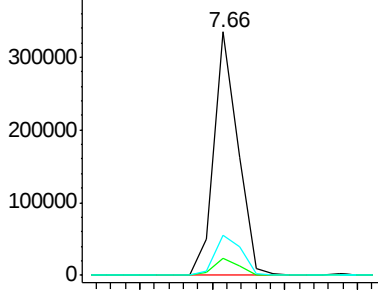
82 100

95 6.9 5.6 8.4

138 16.3 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.46 ng

RT: 7.74 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

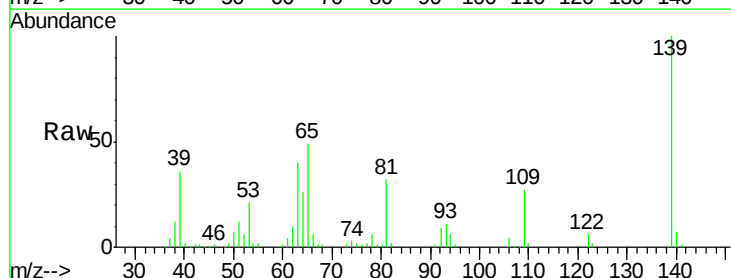
Tgt Ion: 139 Resp: 118931

Ion Ratio Lower Upper

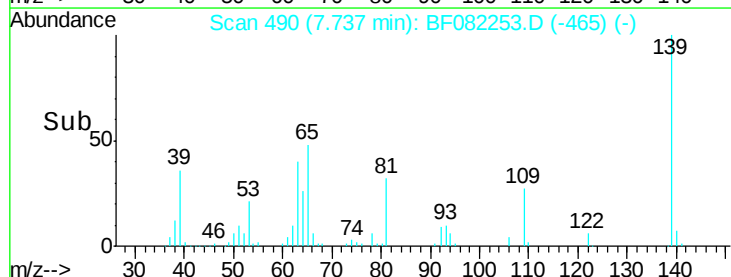
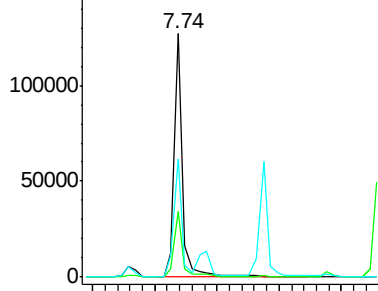
139 100

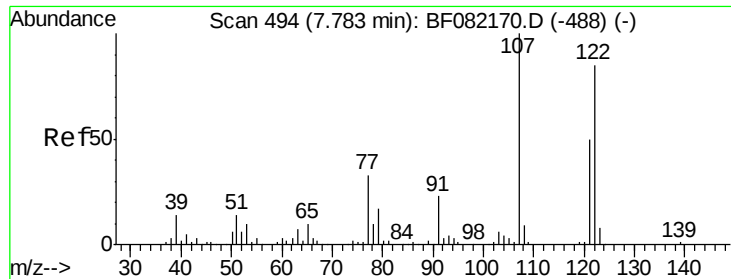
109 26.7 20.6 31.0

65 48.5 34.3 51.5



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.93 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

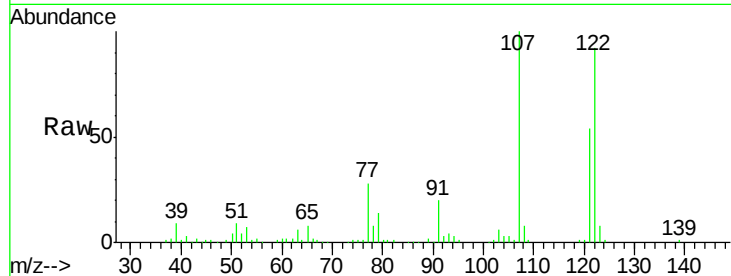
Tot Ion:122 Resp: 184870

Ion Ratio Lower Upper

122 100

107 108.6 94.0 141.0

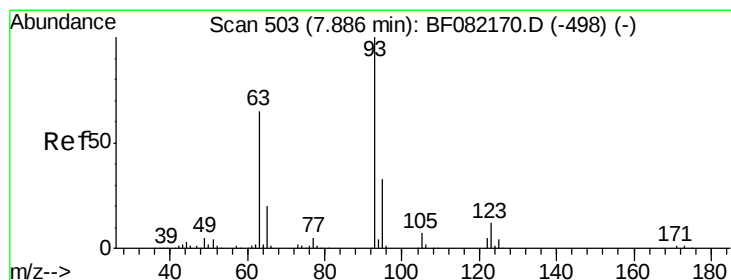
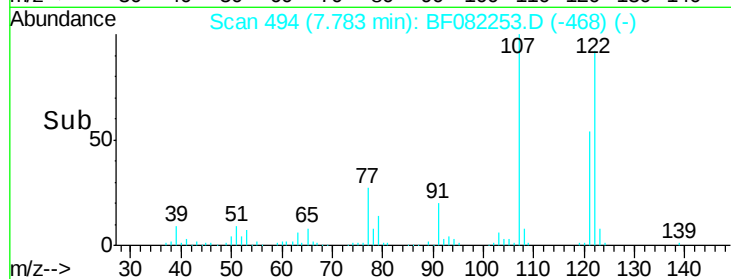
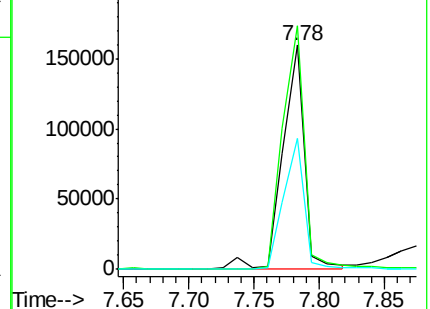
121 58.2 46.8 70.2



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: 41.59 ng

RT: 7.87 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

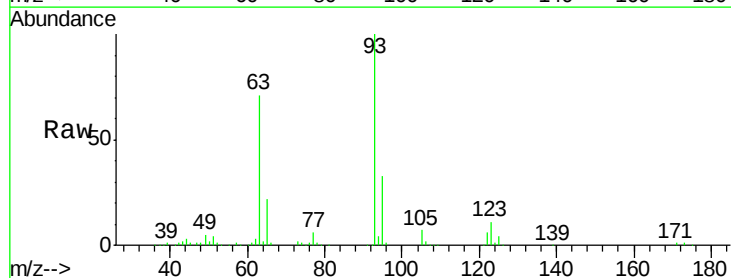
Tgt Ion: 93 Resp: 247307

Ion Ratio Lower Upper

93 100

95 32.7 26.6 39.8

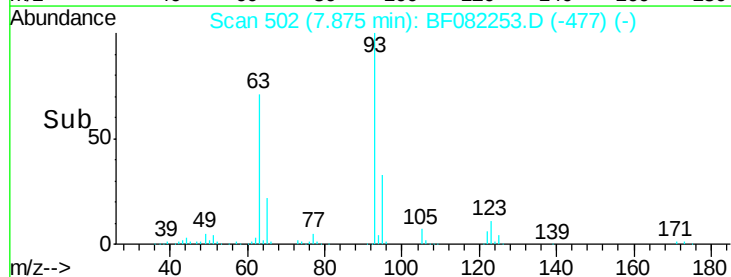
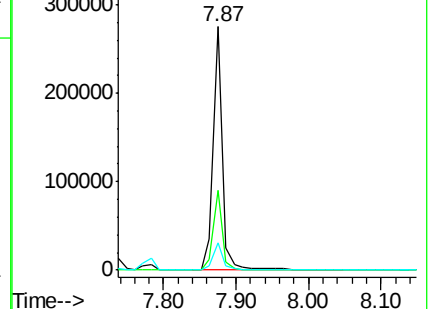
123 11.3 9.5 14.3

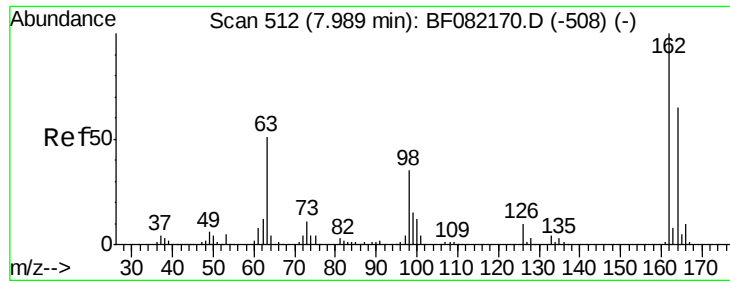


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

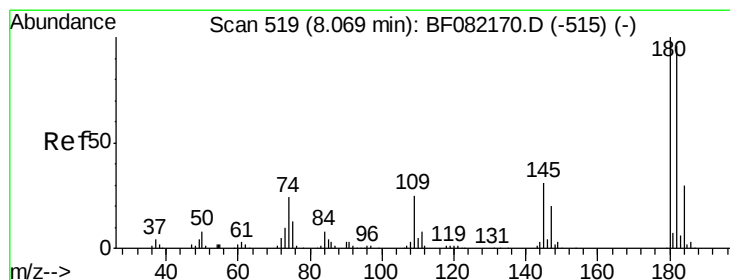
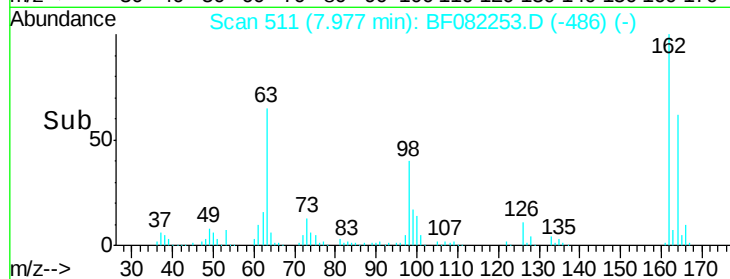
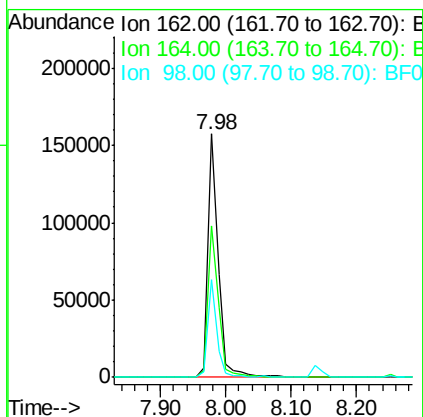
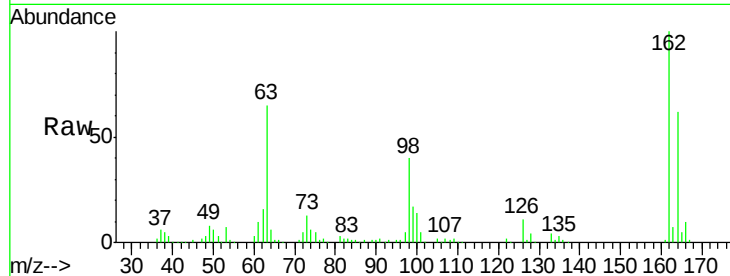




#29
 2,4-Dichlorophenol
 Concen: 39.57 ng
 RT: 7.98 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

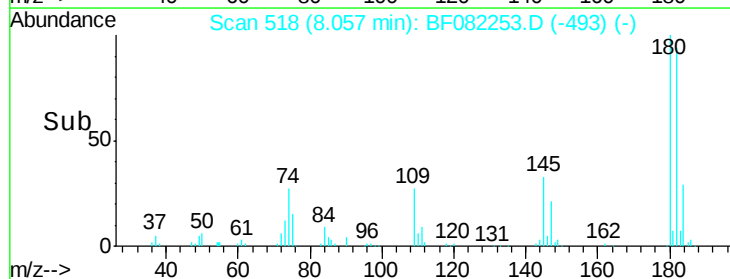
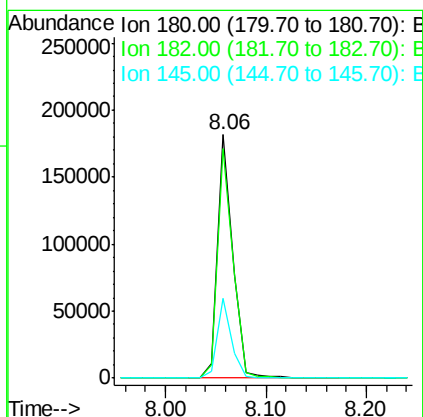
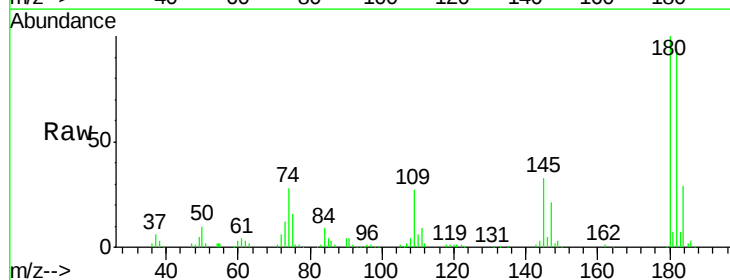
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

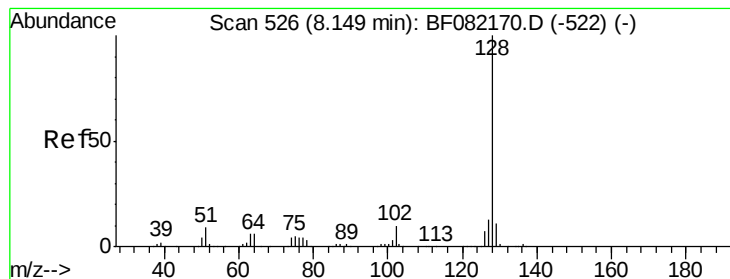
Tot Ion:162 Resp: 174400
 Ion Ratio Lower Upper
 162 100
 164 62.4 44.6 84.6
 98 40.2 15.0 55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.70 ng
 RT: 8.06 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

Tgt Ion:180 Resp: 191545
 Ion Ratio Lower Upper
 180 100
 182 94.3 77.0 115.4
 145 32.7 25.0 37.4





#31

Naphthalene

Concen: 37.92 ng

RT: 8.14 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

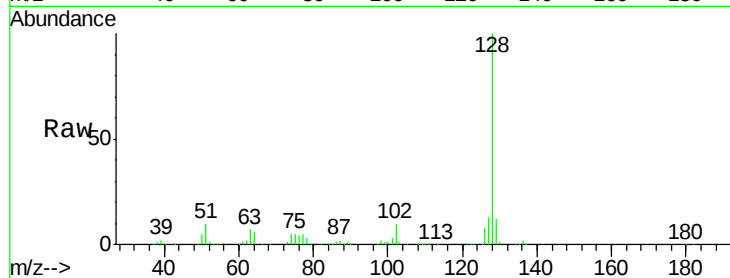
Tot Ion:128 Resp: 558913

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

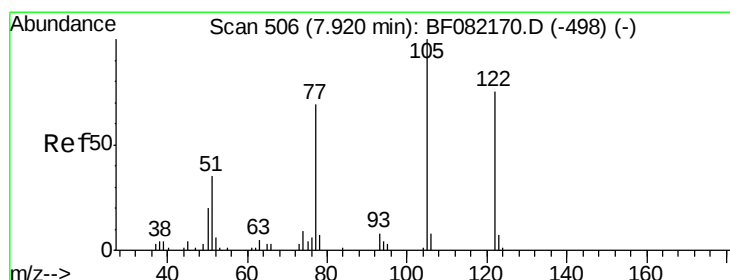
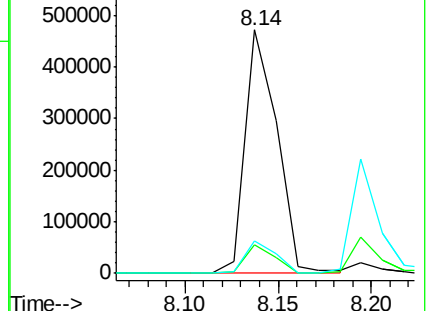
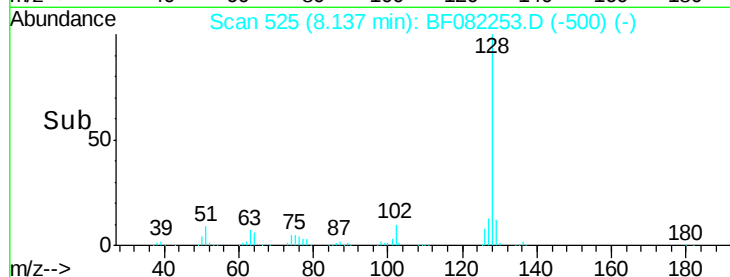
127 13.4 10.7 16.1



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: 26.56 ng

RT: 7.89 min Scan# 503

Delta R.T. -0.03 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

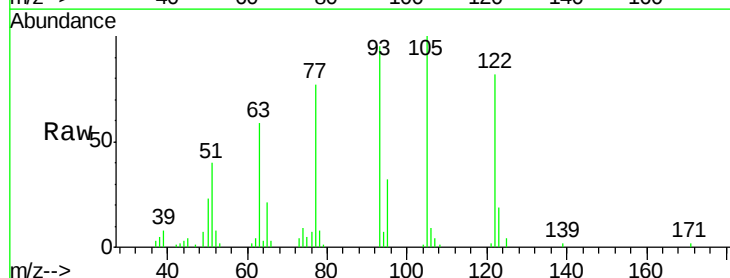
Tgt Ion:122 Resp: 78602

Ion Ratio Lower Upper

122 100

105 122.0 104.4 144.4

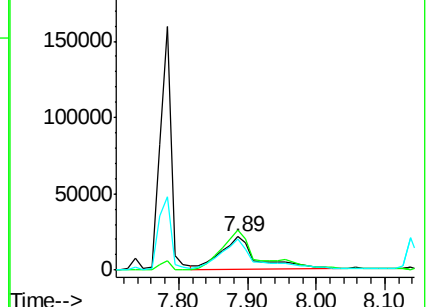
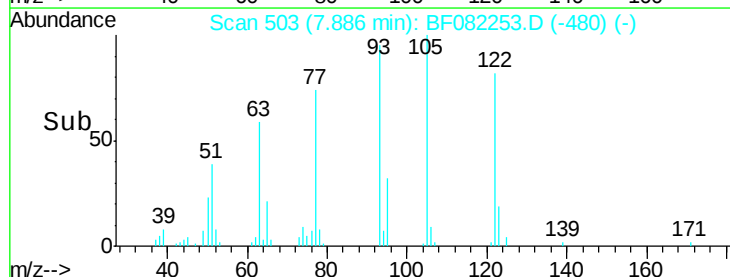
77 93.7 69.0 109.0

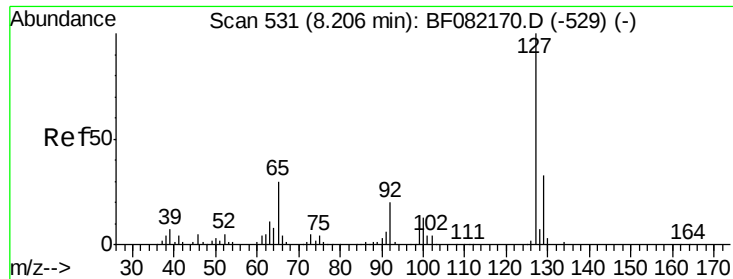


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

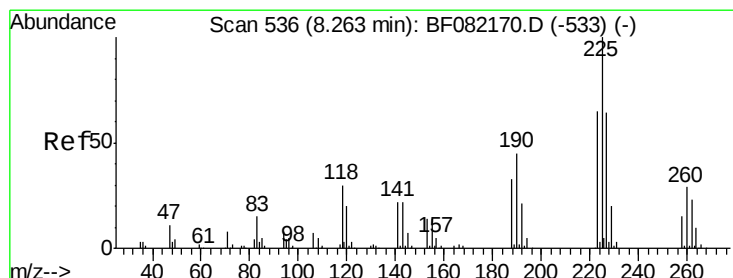
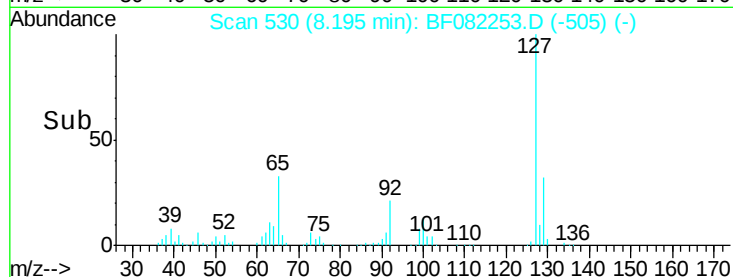
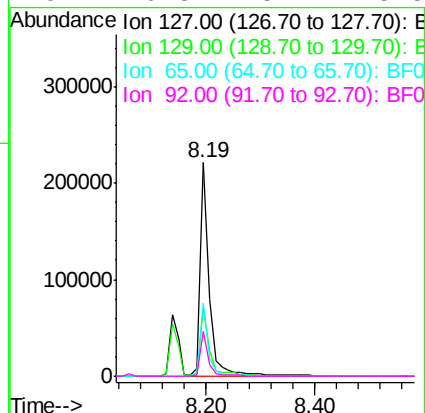
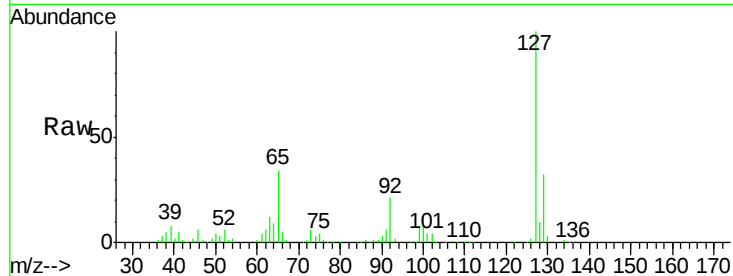




#33
4-Chloroaniline
Concen: 40.32 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

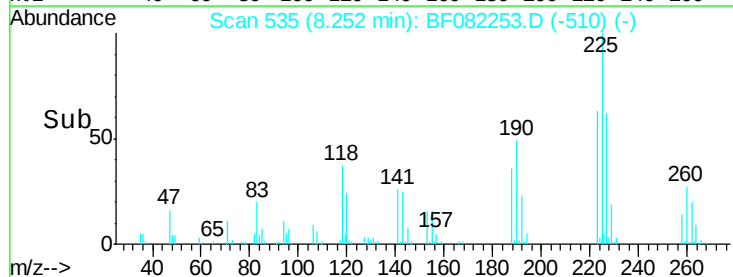
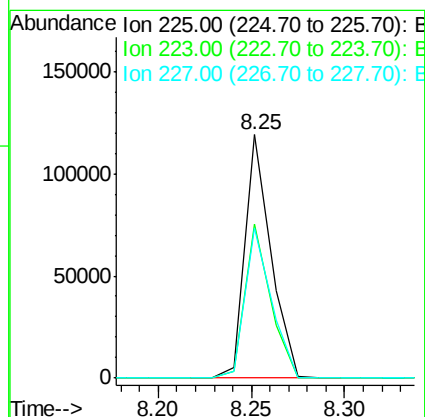
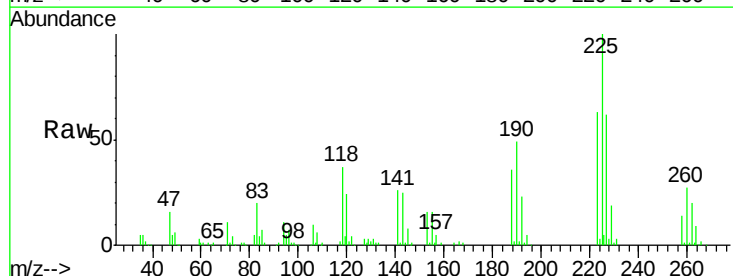
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

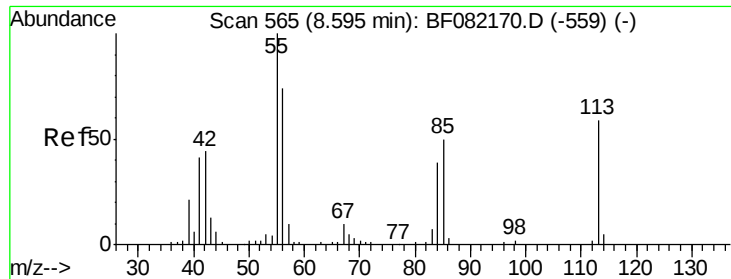
Tot Ion:	127	Resp:	246804
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	34.0	24.4	36.6
92	20.8	15.7	23.5



#34
Hexachlorobutadiene
Concen: 36.32 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Tgt Ion:	225	Resp:	114975
Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.2	78.2
227	61.9	51.3	76.9





#35

Caprolactam

Concen: 42.81 ng

RT: 8.58 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

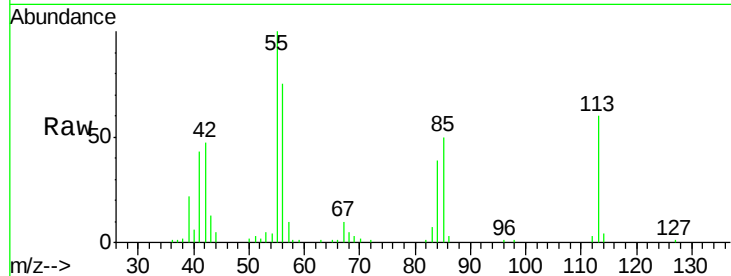
Tot Ion:113 Resp: 54770

Ion Ratio Lower Upper

113 100

55 165.7 149.7 189.7

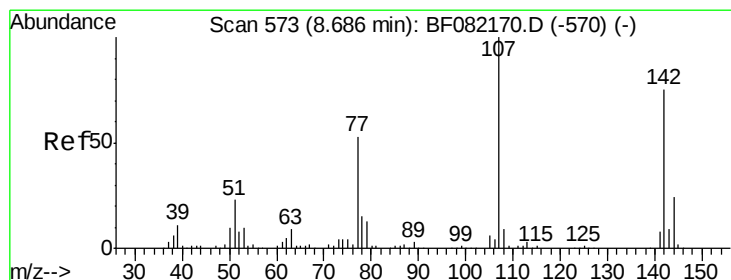
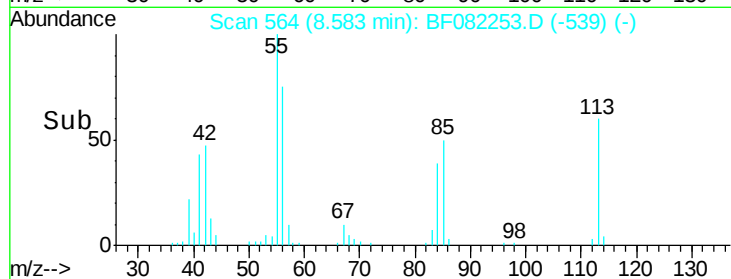
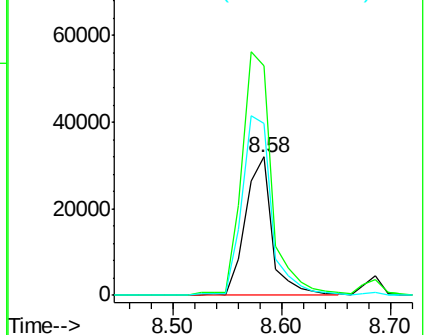
56 124.3 105.4 145.4



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: 42.49 ng

RT: 8.69 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

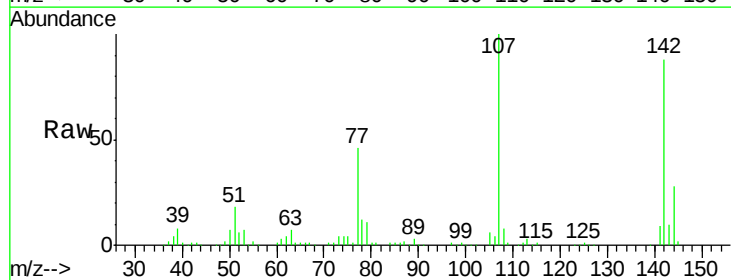
Tgt Ion:107 Resp: 183153

Ion Ratio Lower Upper

107 100

144 28.4 19.3 28.9

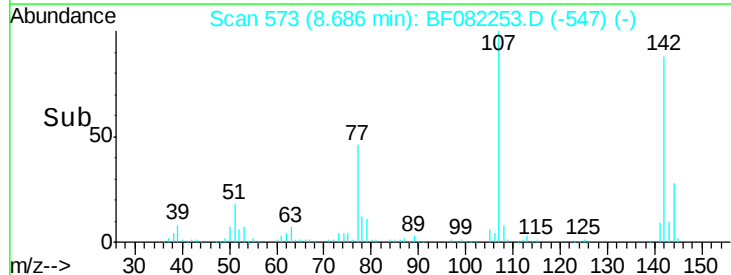
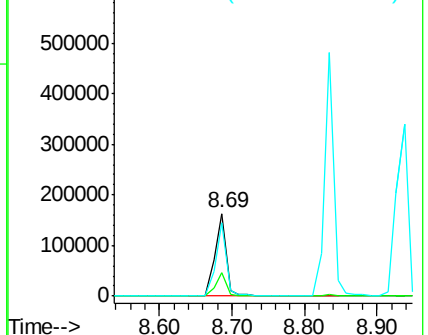
142 87.8 59.9 89.9

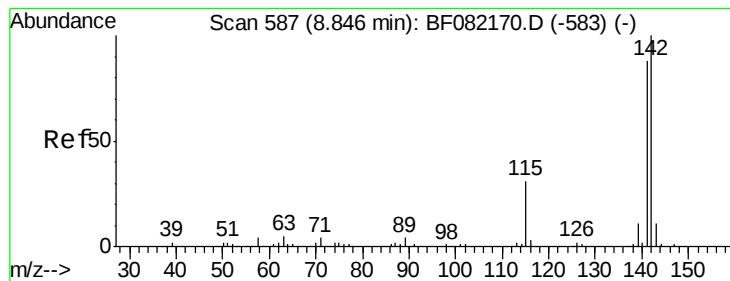


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

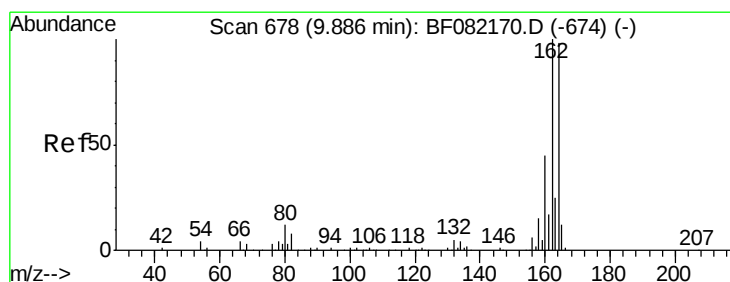
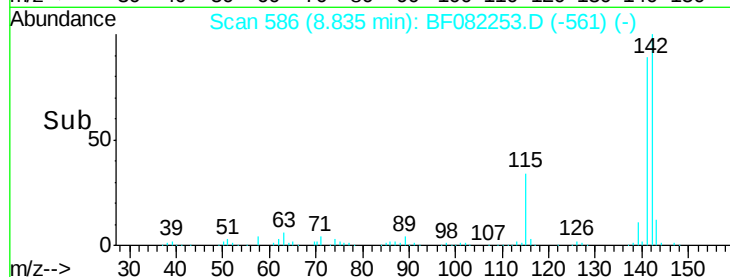
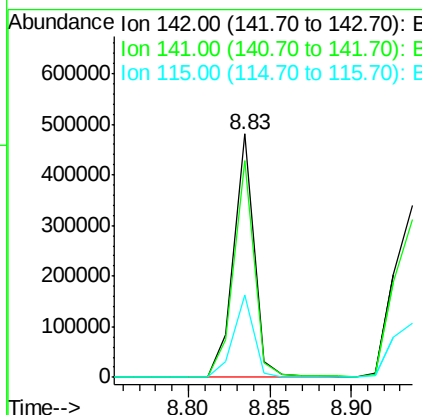
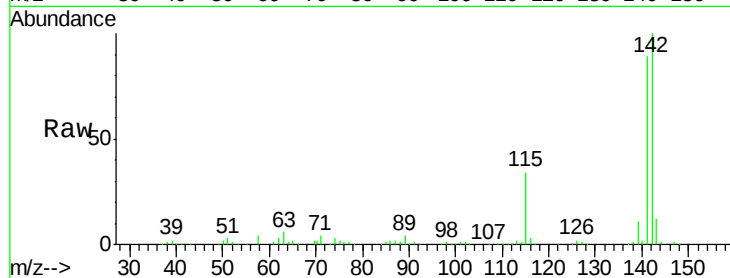




#37
2-Methylnaphthalene
Concen: 40.91 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

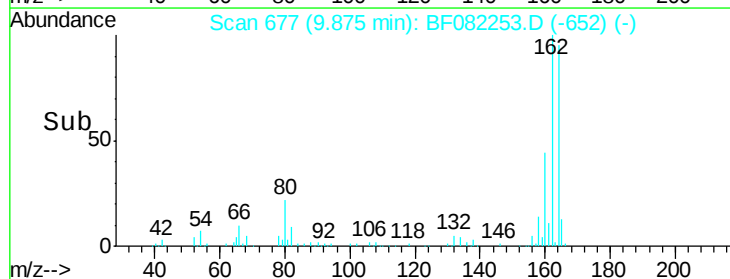
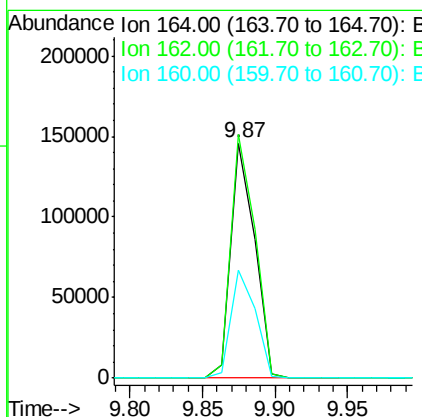
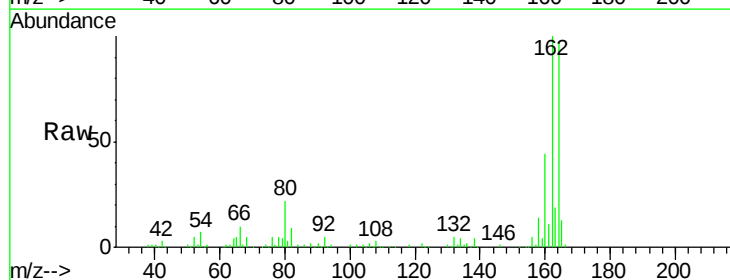
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

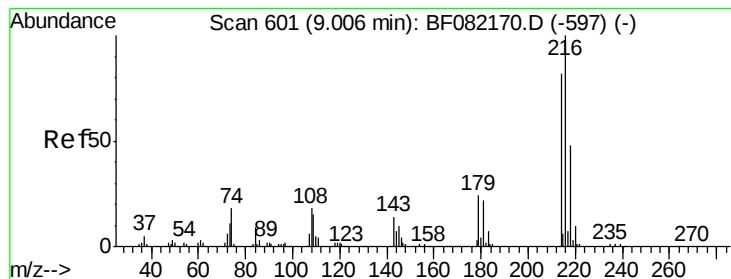
Tot Ion:142 Resp: 418096
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6
115 33.8 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Tgt Ion:164 Resp: 166574
Ion Ratio Lower Upper
164 100
162 103.6 81.6 122.4
160 45.6 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.55 ng

RT: 8.99 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 191010

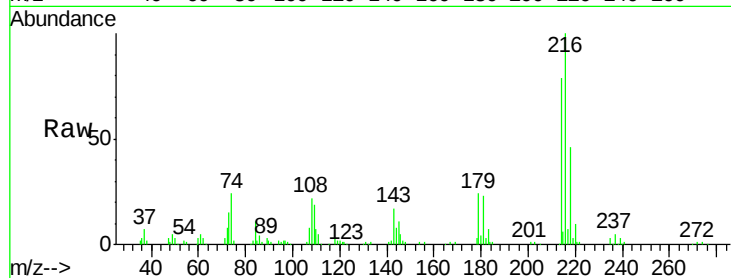
Ion Ratio Lower Upper

216 100

214 77.7 64.6 97.0

179 20.4 17.6 26.4

108 16.6 14.5 21.7

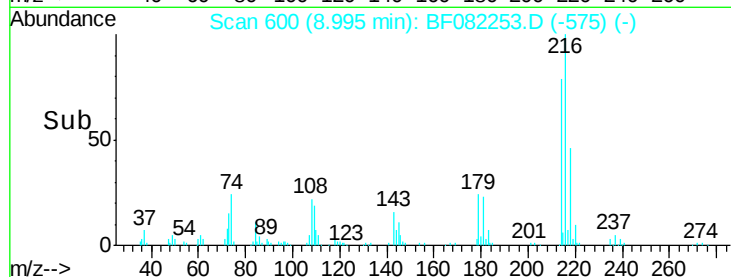


Abundance Ion 216.00 (215.70 to 216.70): E

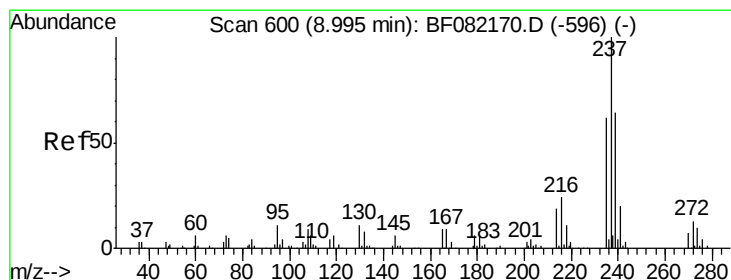
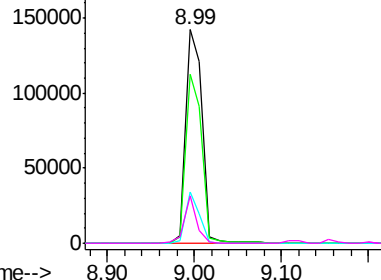
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 34.04 ng

RT: 8.98 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

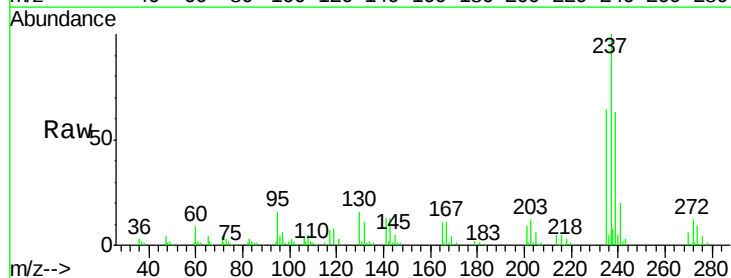
Tgt Ion:237 Resp: 71981

Ion Ratio Lower Upper

237 100

235 64.1 41.7 81.7

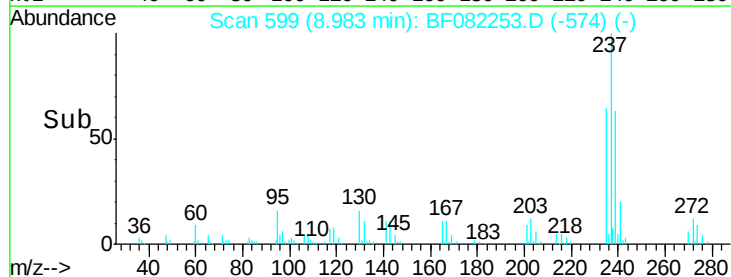
272 11.9 0.0 32.8



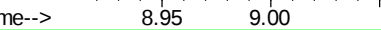
Abundance Ion 236.80 (236.50 to 237.50): E

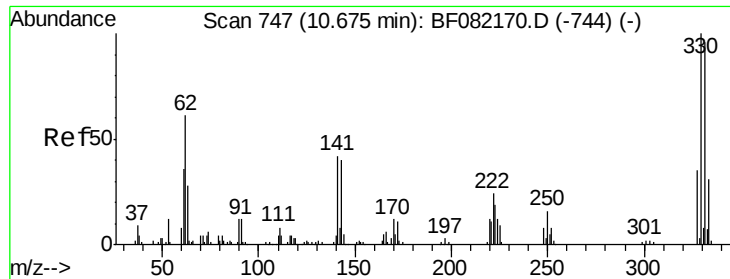
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

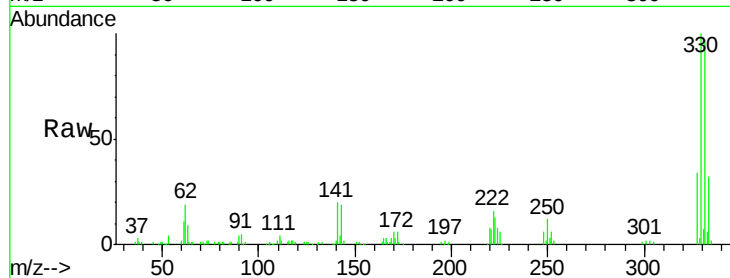




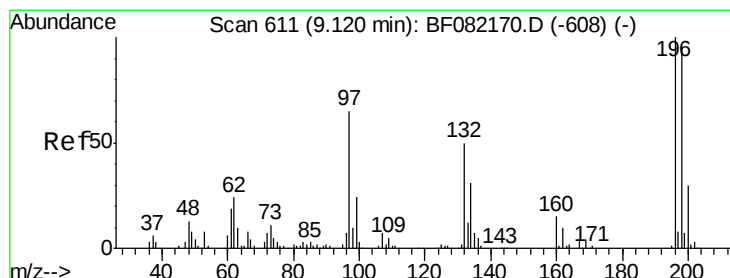
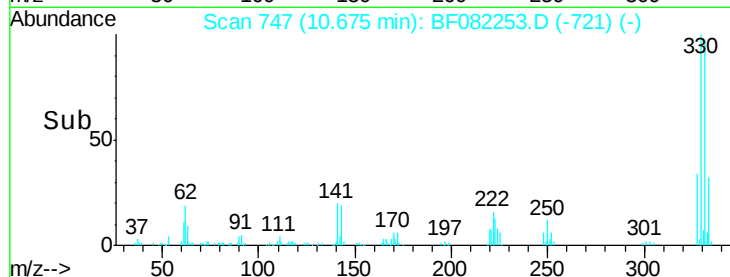
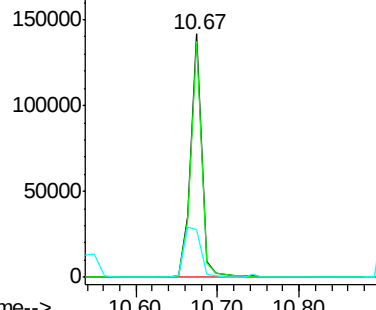
#41
 2,4,6-Tribromophenol
 Concen: 85.46 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 133497
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 32.1 29.8 44.8

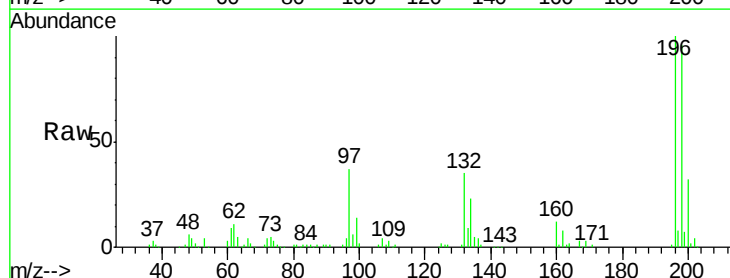


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

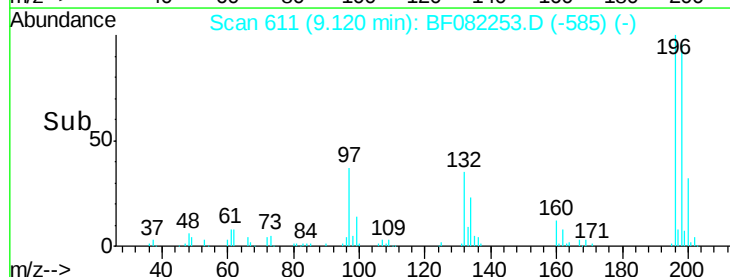
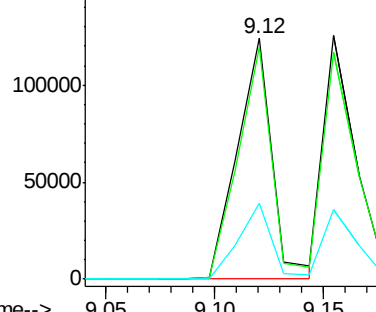


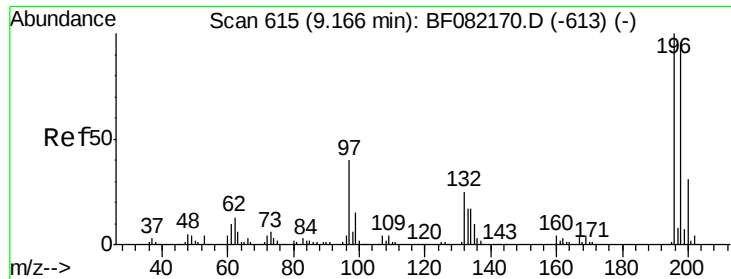
#42
 2,4,6-Trichlorophenol
 Concen: 41.90 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

Tgt Ion:196 Resp: 137894
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.6 115.0
 200 31.5 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

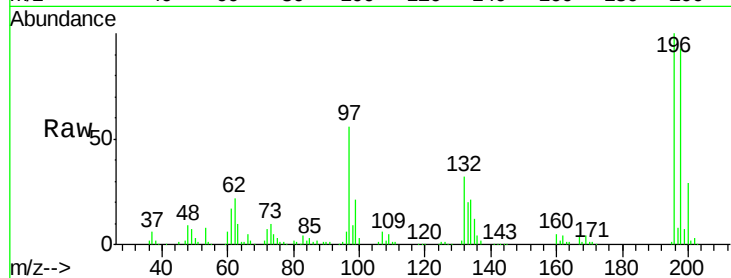




#43
 2,4,5-Trichlorophenol
 Concen: 37.65 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.2	77.0	115.4
97	56.2	31.9	47.9#
132	31.9	20.3	30.5#



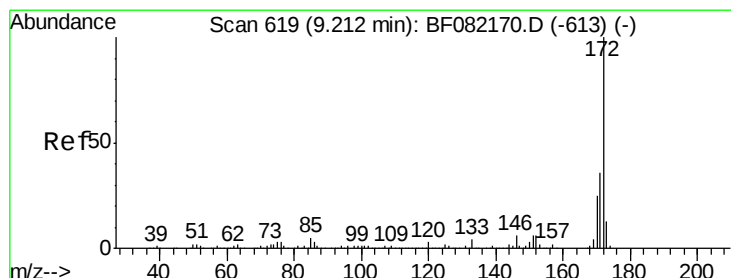
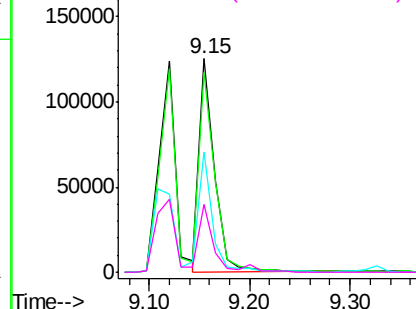
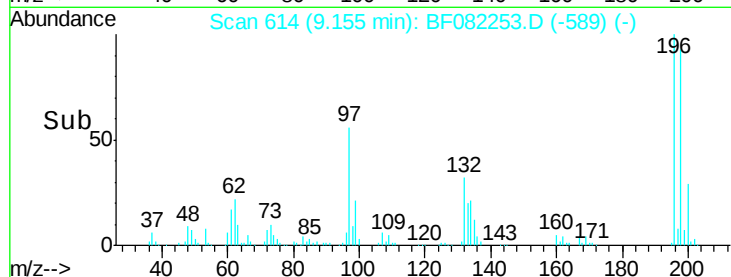
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

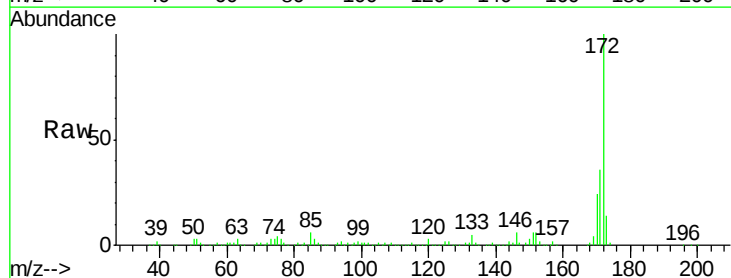
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.31 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.3	19.7	29.5

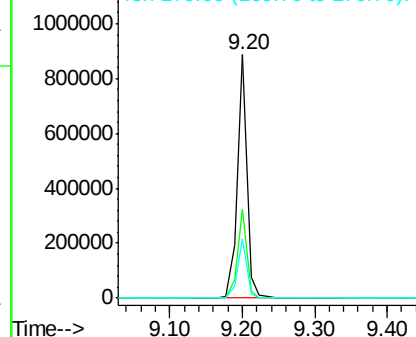
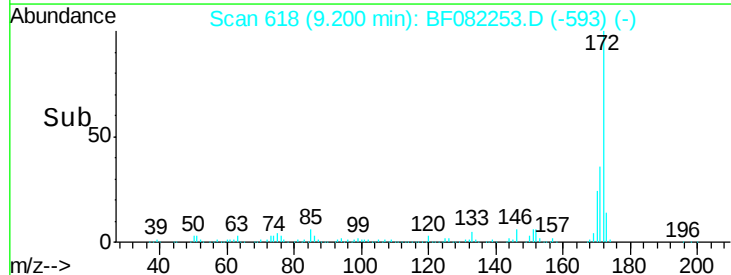


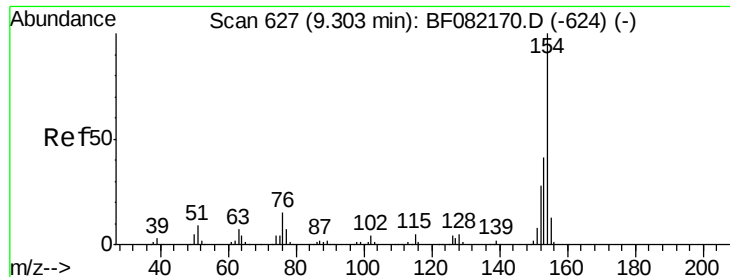
Abundance

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

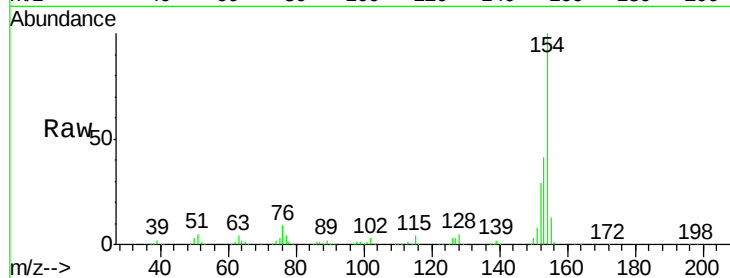




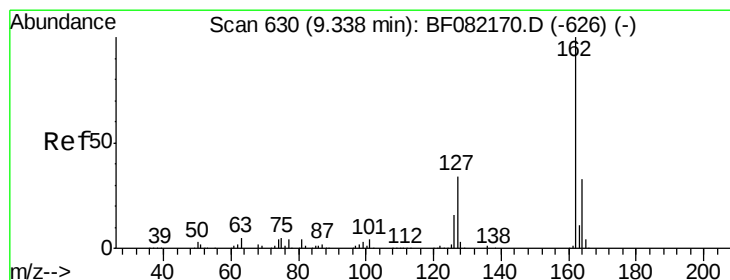
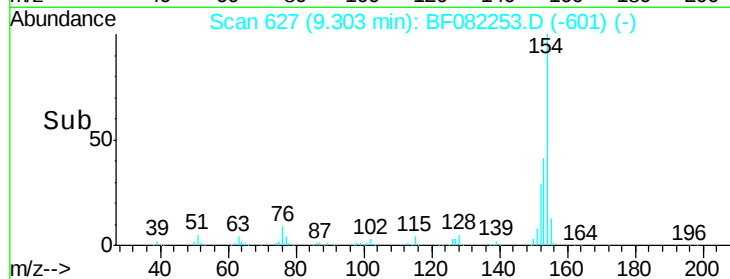
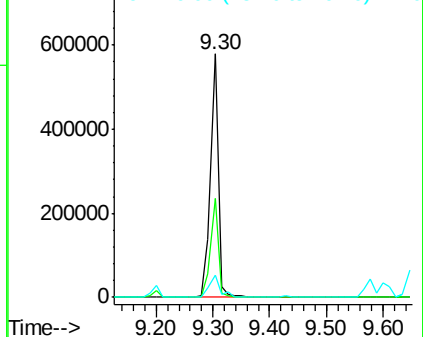
#45
 1,1'-Biphenyl
 Concen: 41.60 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.6	60.6
76	9.3	0.0	35.2

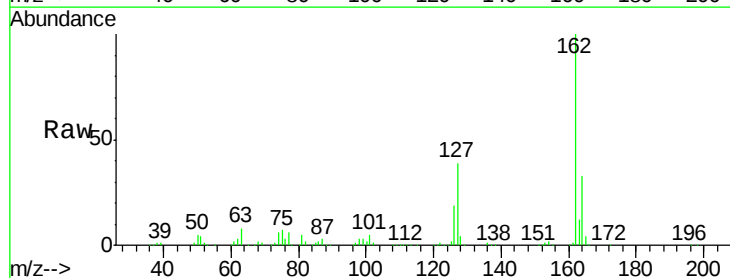


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

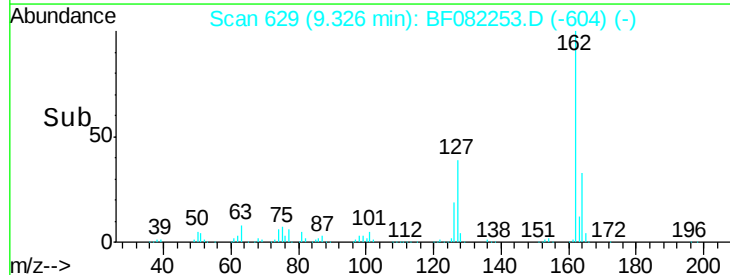
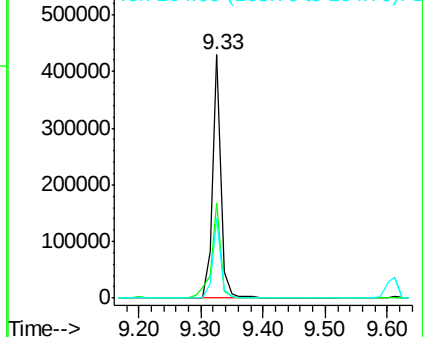


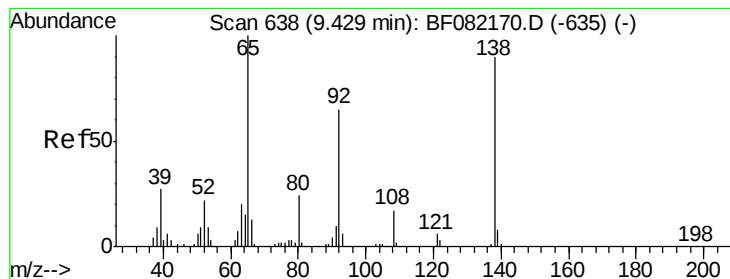
#46
 2-Chloronaphthalene
 Concen: 39.89 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	27.5	41.3
164	32.9	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: 44.56 ng

RT: 9.43 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

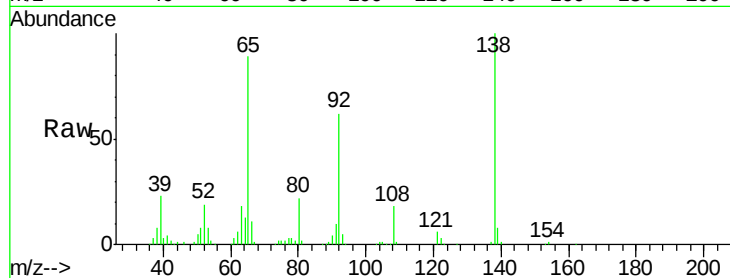
Tot Ion: 65 Resp: 122328

Ion Ratio Lower Upper

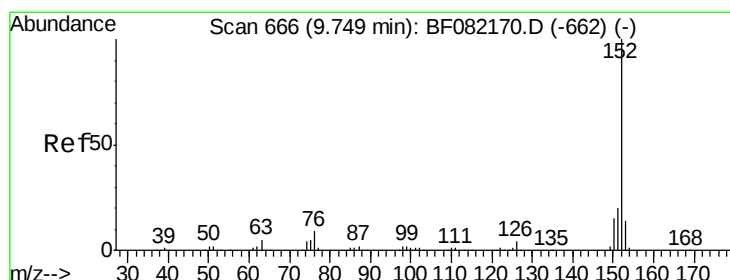
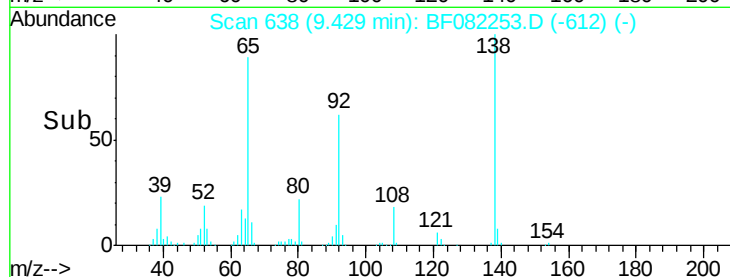
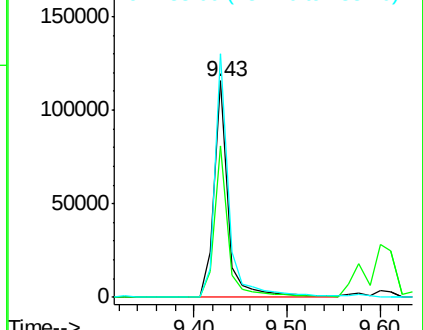
65 100

92 69.9 52.3 78.5

138 112.5 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): E



#48

Acenaphthylene

Concen: 38.56 ng

RT: 9.74 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

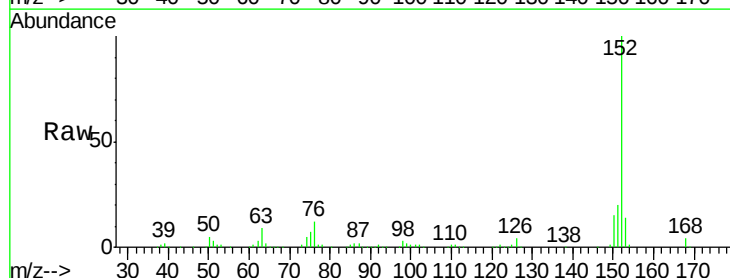
Tgt Ion: 152 Resp: 600724

Ion Ratio Lower Upper

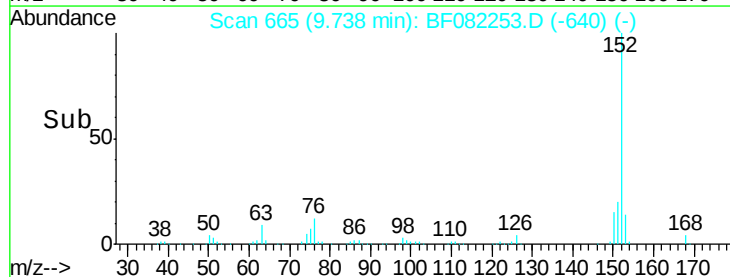
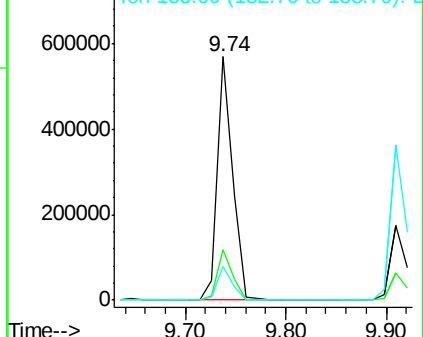
152 100

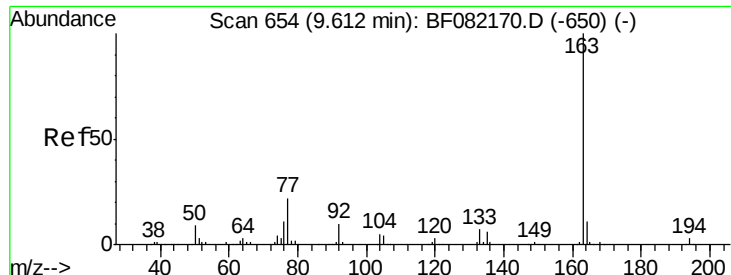
151 20.4 16.4 24.6

153 13.8 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

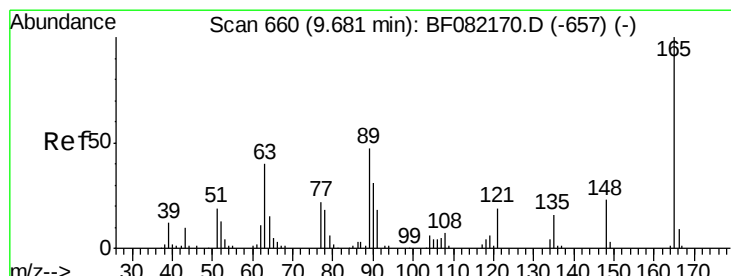
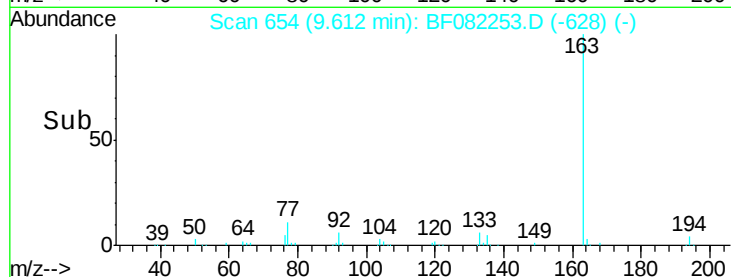
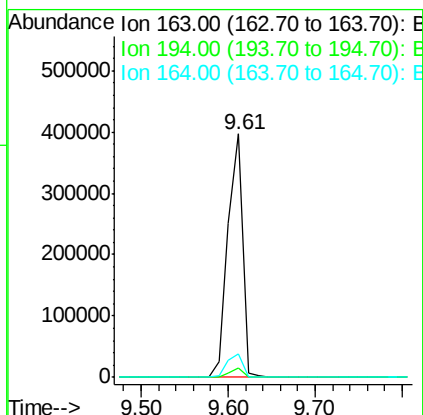
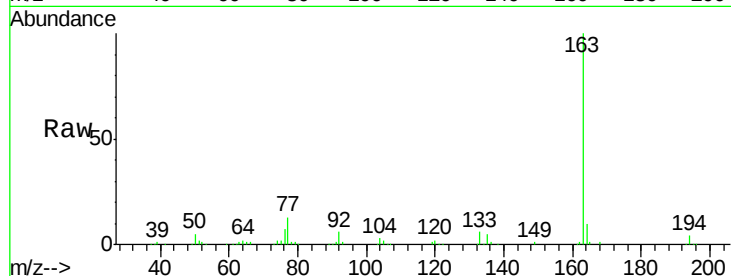




#49
Dimethylphthalate
Concen: 40.12 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

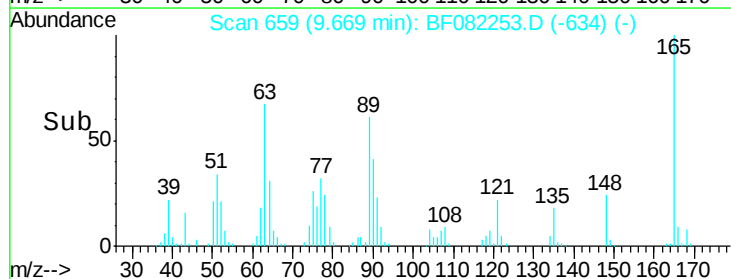
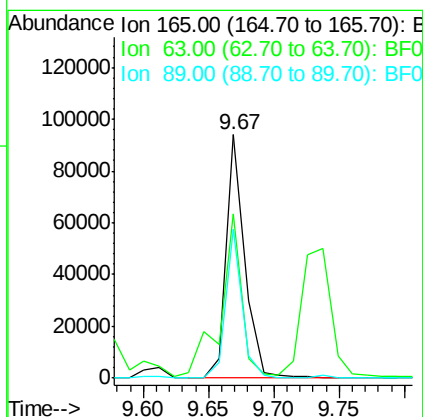
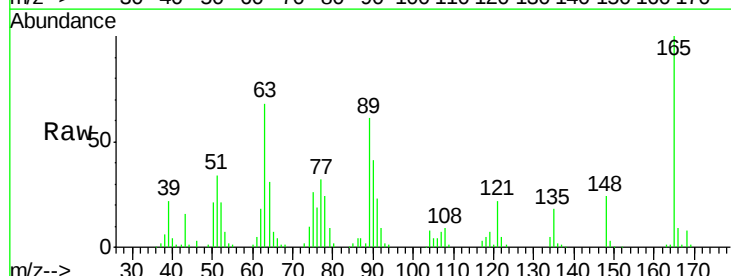
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

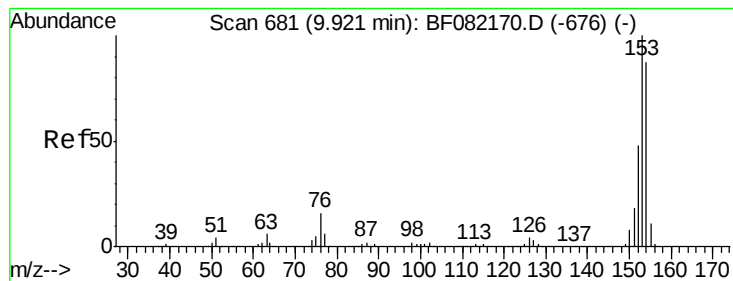
Tot Ion:163 Resp: 470590
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.6 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 37.64 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Tgt Ion:165 Resp: 93159
Ion Ratio Lower Upper
165 100
63 67.6 36.7 55.1#
89 61.4 37.8 56.6#





#51

Acenaphthene

Concen: 38.42 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

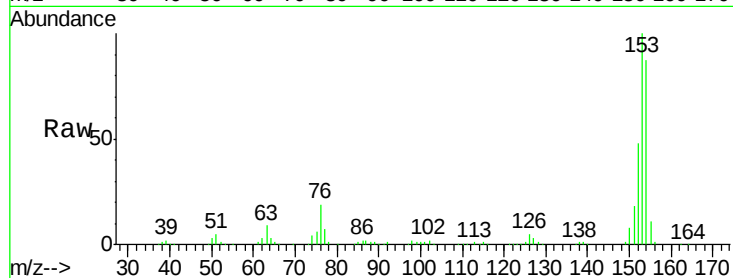
Tot Ion:154 Resp: 359314

Ion Ratio Lower Upper

154 100

153 114.4 91.4 137.2

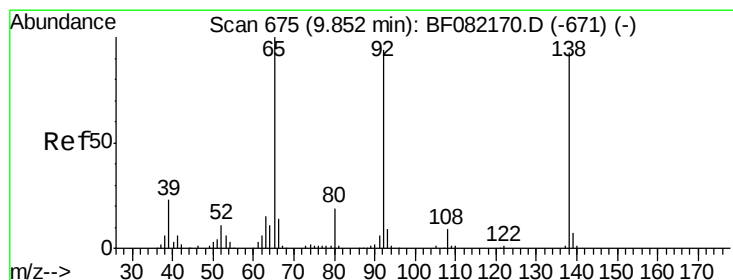
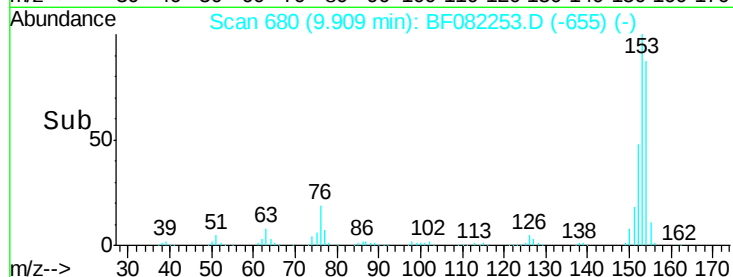
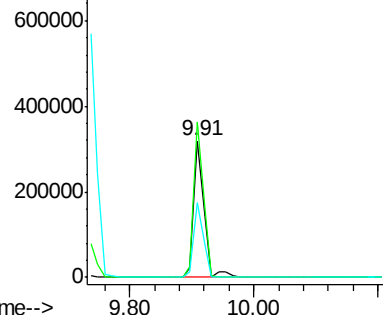
152 54.8 44.3 66.5



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: 39.79 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

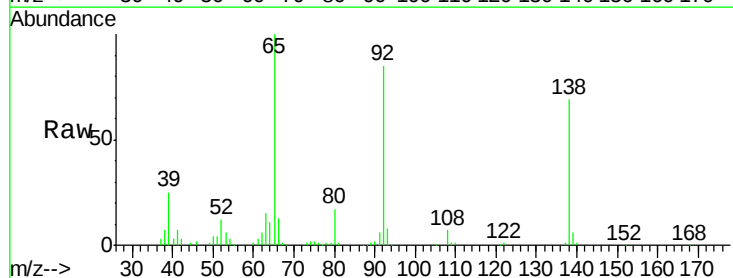
Tgt Ion:138 Resp: 111225

Ion Ratio Lower Upper

138 100

108 10.0 7.4 11.0

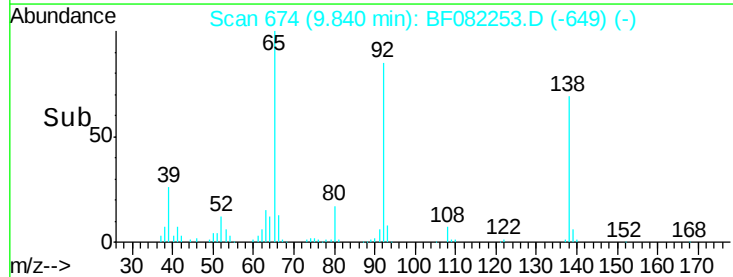
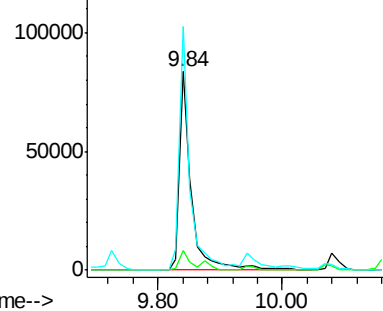
92 122.8 81.3 121.9#

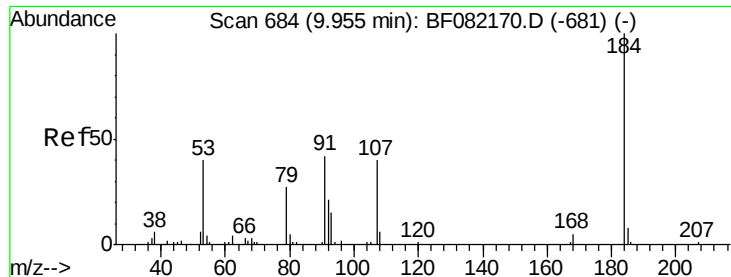


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

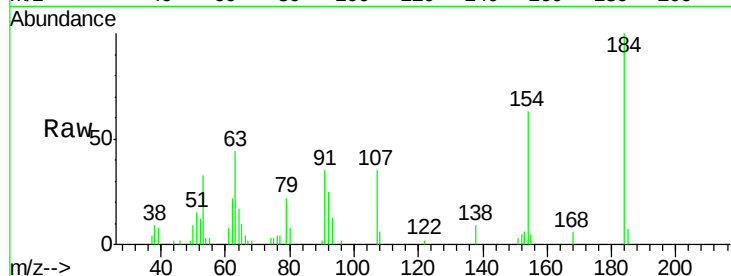




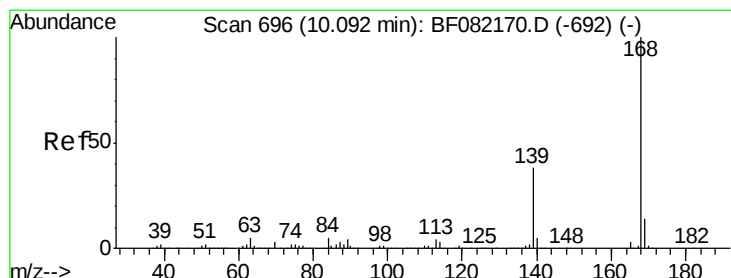
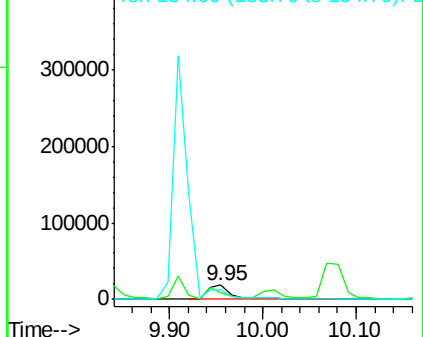
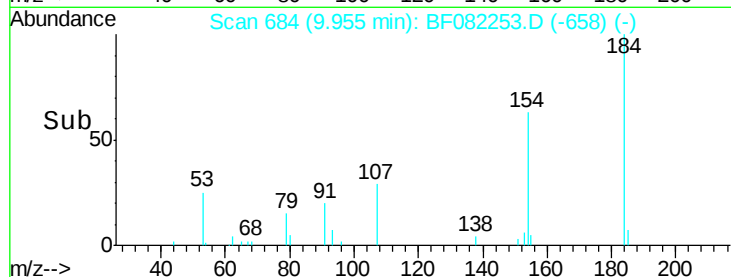
#53
2,4-Dinitrophenol
Concen: 30.15 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 35708
Ion Ratio Lower Upper
184 100
63 44.2 45.1 67.7#
154 62.8 51.2 76.8

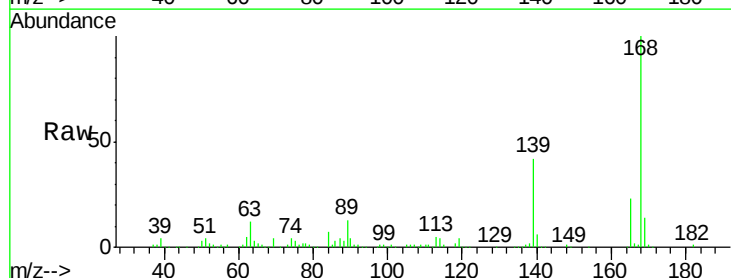


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

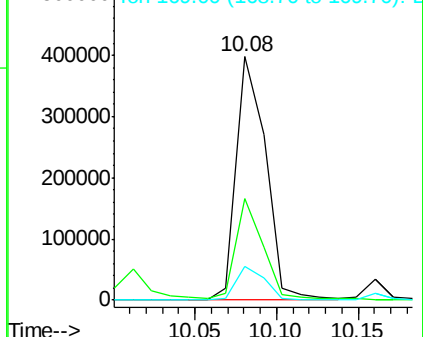
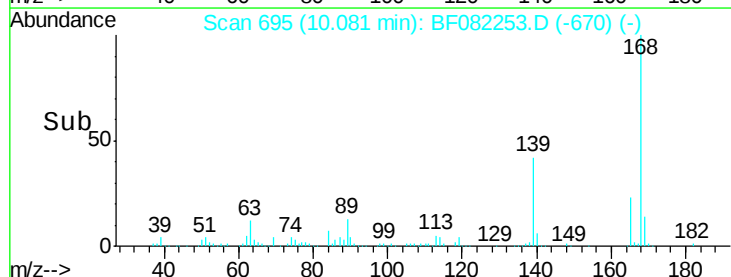


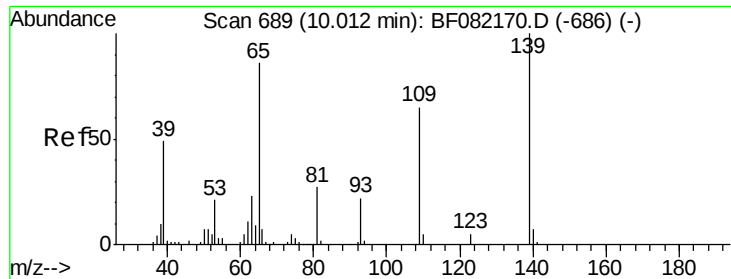
#54
Dibenzofuran
Concen: 38.55 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Tgt Ion:168 Resp: 494899
Ion Ratio Lower Upper
168 100
139 41.9 31.0 46.6
169 13.6 10.9 16.3



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

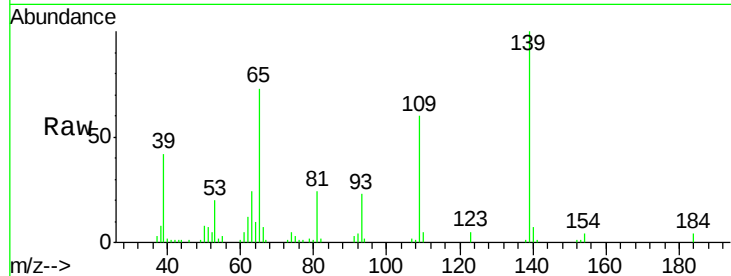




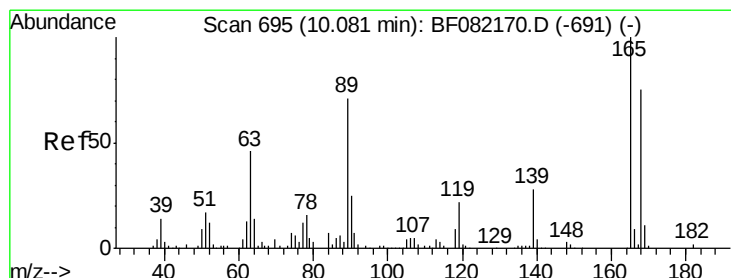
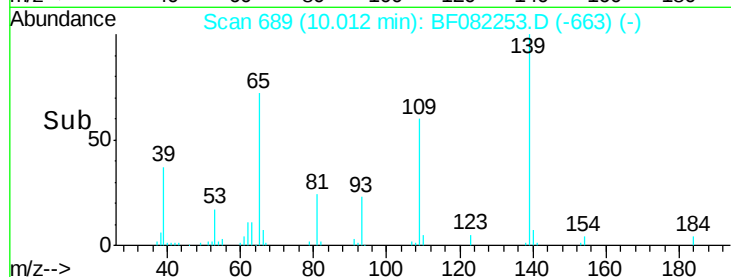
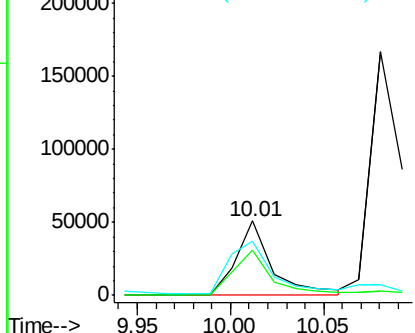
#55
4-Nitrophenol
Concen: 43.57 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 69012
Ion Ratio Lower Upper
139 100
109 60.3 44.8 84.8
65 73.4 67.7 107.7

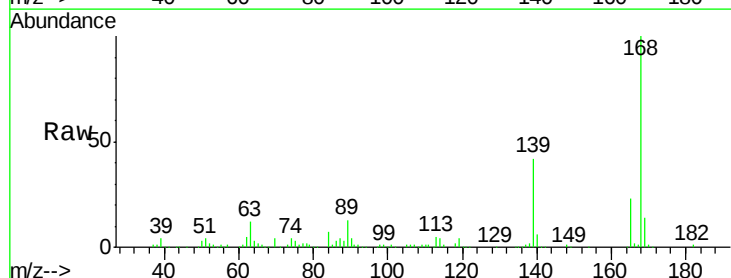


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

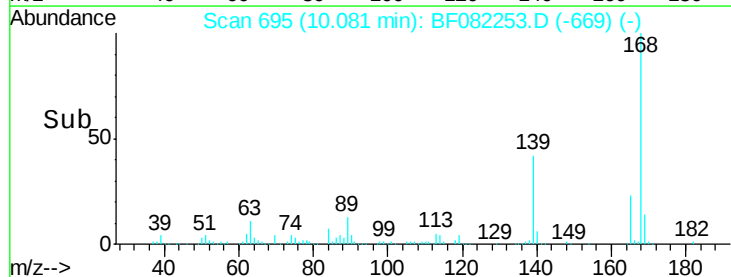
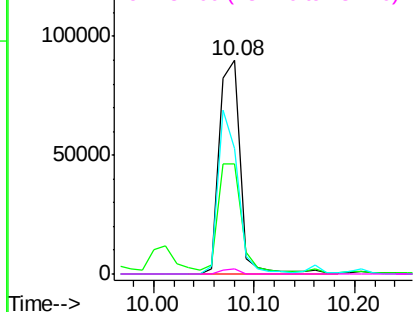


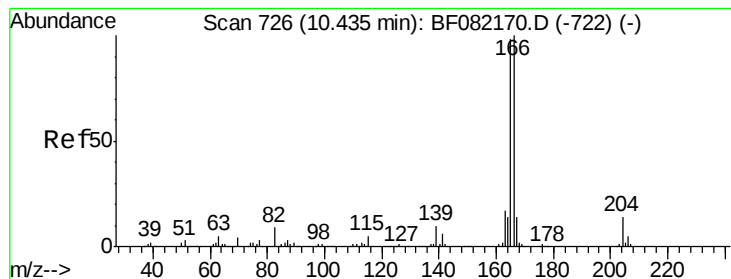
#56
2,4-Dinitrotoluene
Concen: 42.49 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Tgt Ion:165 Resp: 131443
Ion Ratio Lower Upper
165 100
63 51.6 38.6 58.0
89 58.7 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): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.91 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

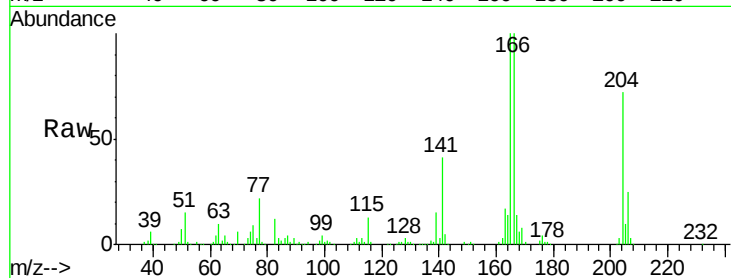
Tot Ion:166 Resp: 399769

Ion Ratio Lower Upper

166 100

165 99.7 78.3 117.5

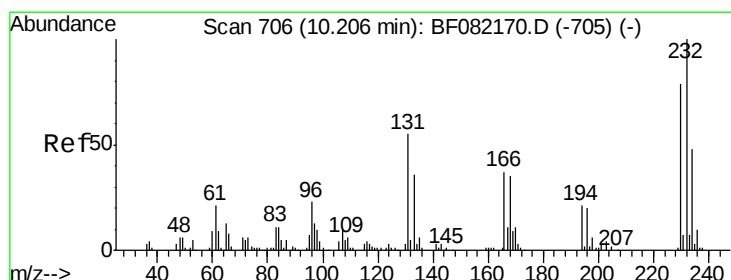
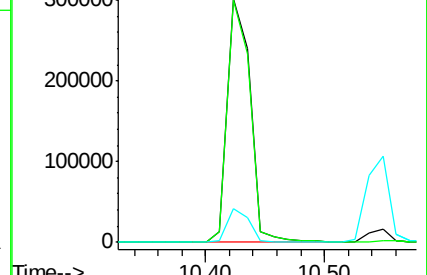
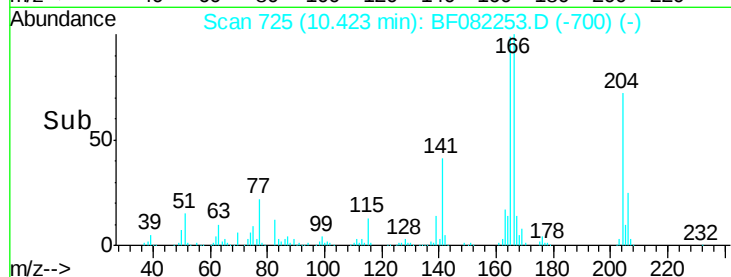
167 14.0 10.8 16.2



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: 42.41 ng

RT: 10.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Tgt Ion:232 Resp: 123523

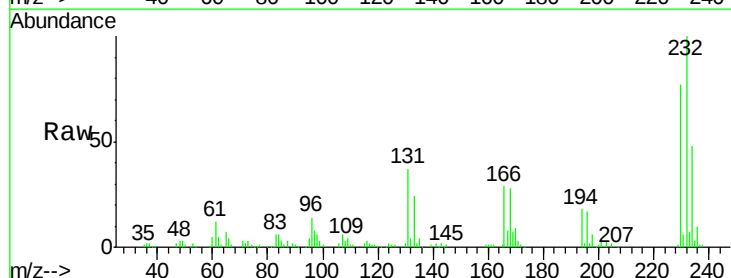
Ion Ratio Lower Upper

232 100

131 41.1 36.6 54.8

130 1.8 1.5 2.3

166 28.4 24.6 37.0

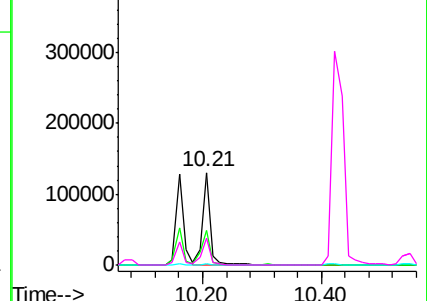
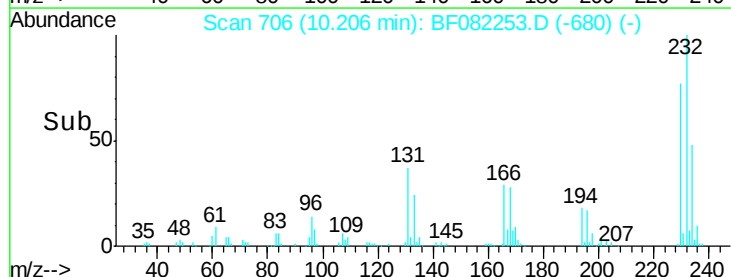


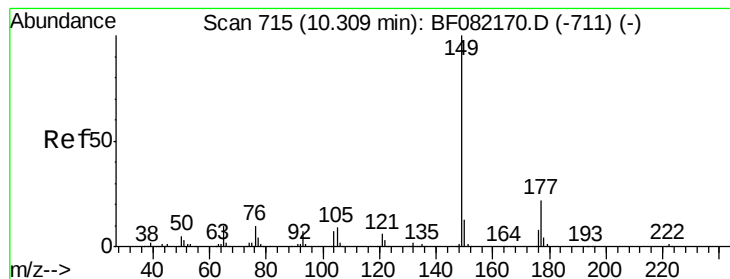
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.46 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

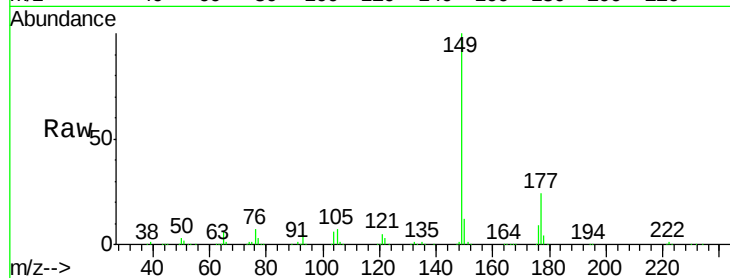
Tot Ion:149 Resp: 453335

Ion Ratio Lower Upper

149 100

177 23.7 17.6 26.4

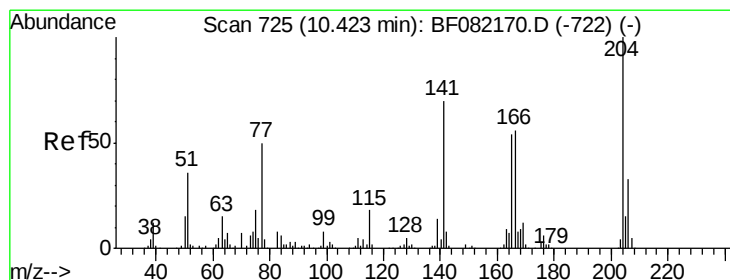
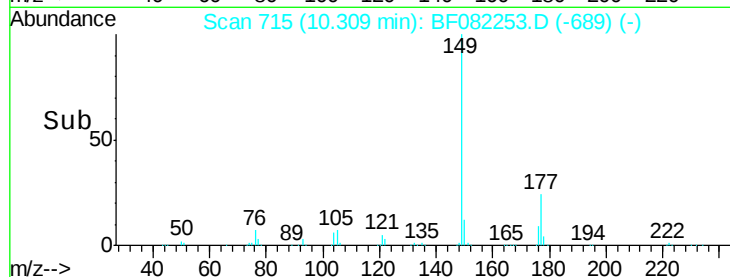
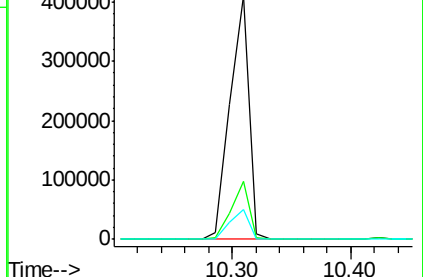
150 12.1 10.3 15.5



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: 41.72 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

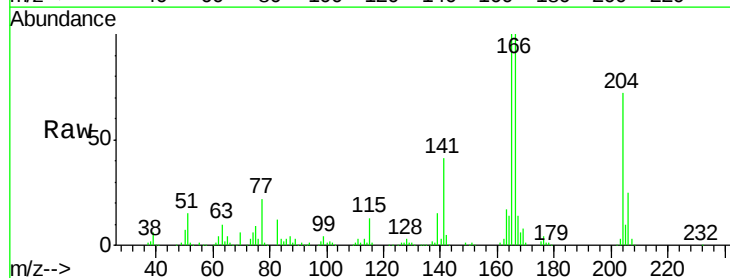
Tgt Ion:204 Resp: 201507

Ion Ratio Lower Upper

204 100

206 34.1 26.8 40.2

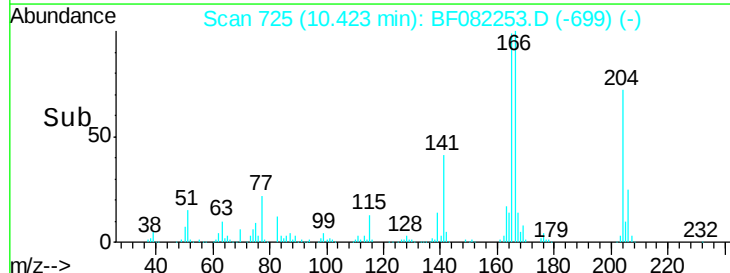
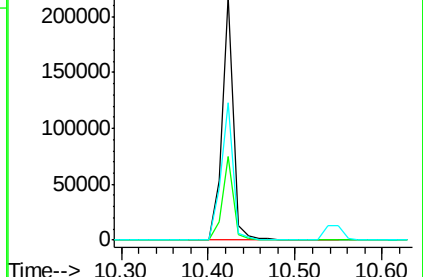
141 56.2 56.1 84.1

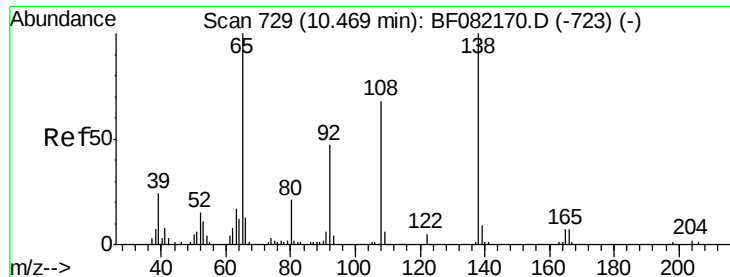


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.33 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

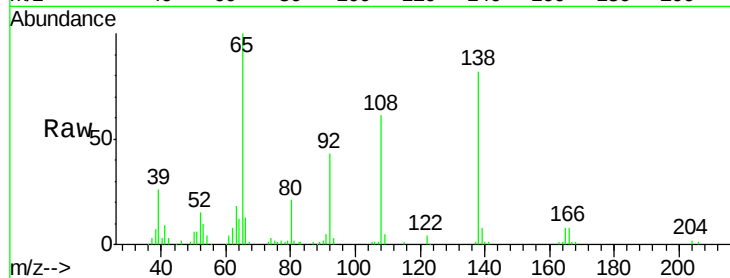
Tot Ion:138 Resp: 117503

Ion Ratio Lower Upper

138 100

92 53.0 26.8 66.8

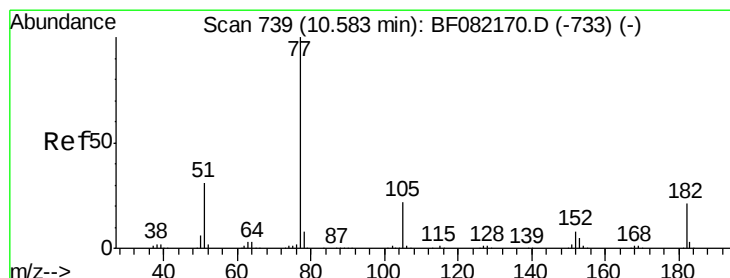
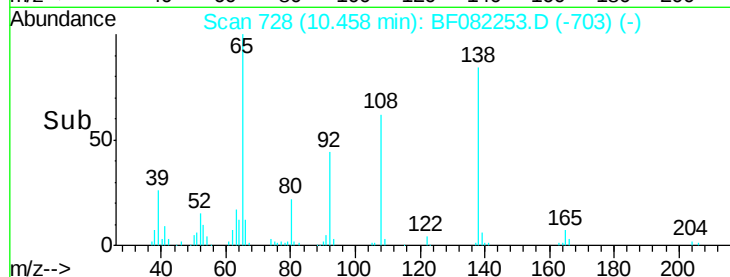
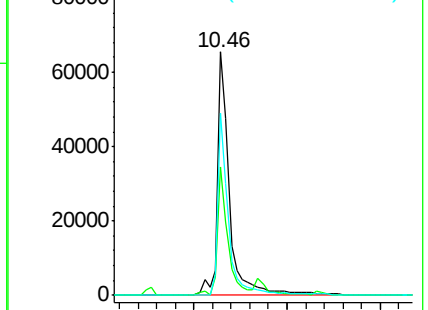
108 74.9 48.4 88.4



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: 40.77 ng

RT: 10.58 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Tgt Ion: 77 Resp: 436244

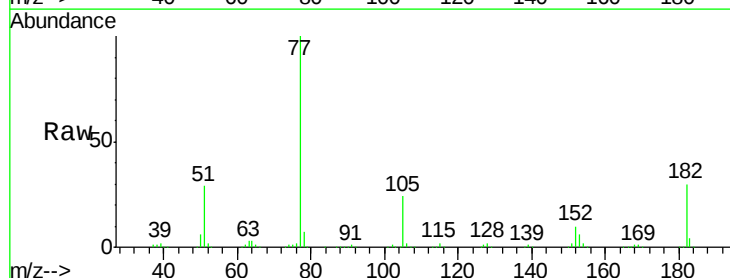
Ion Ratio Lower Upper

77 100

182 29.6 0.5 40.5

105 23.9 1.8 41.8

51 29.1 11.2 51.2

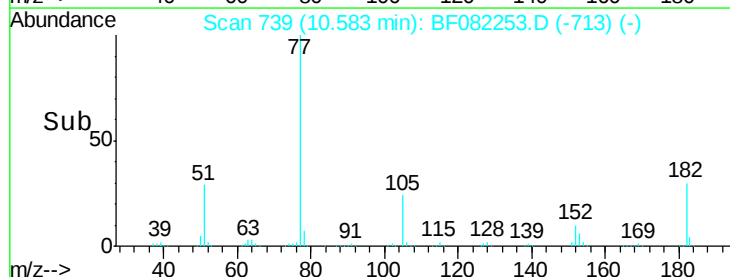
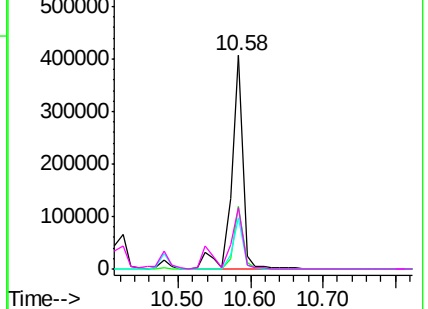


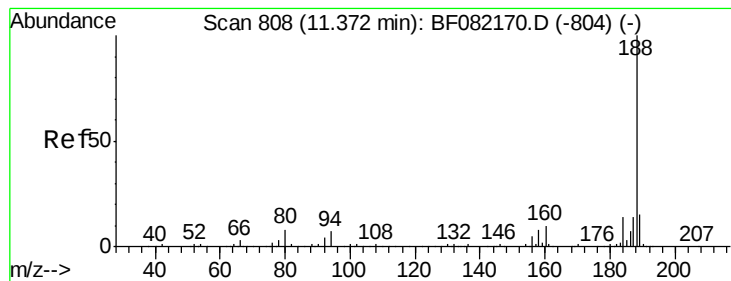
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.37 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

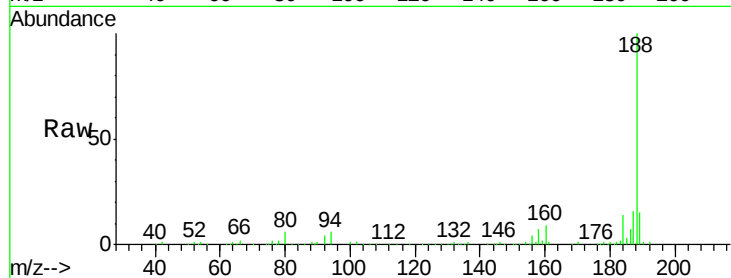
Tot Ion:188 Resp: 336074

Ion Ratio Lower Upper

188 100

94 6.4 5.8 8.6

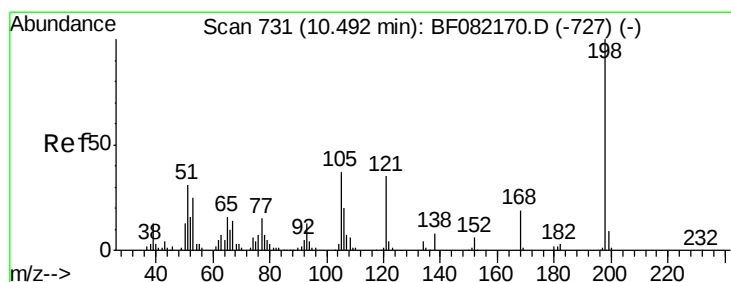
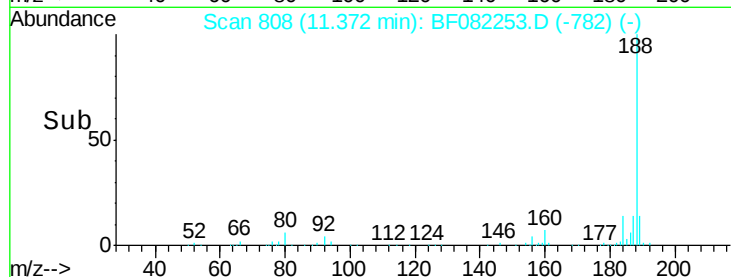
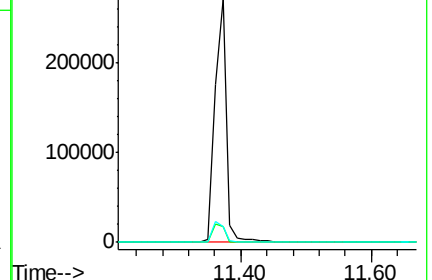
80 6.2 6.4 9.6#



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: 32.65 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

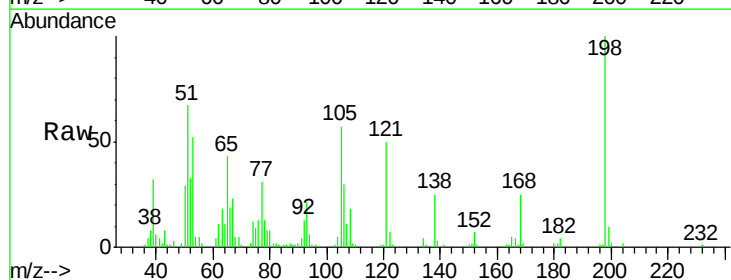
Tgt Ion:198 Resp: 61570

Ion Ratio Lower Upper

198 100

51 67.3 13.6 53.6#

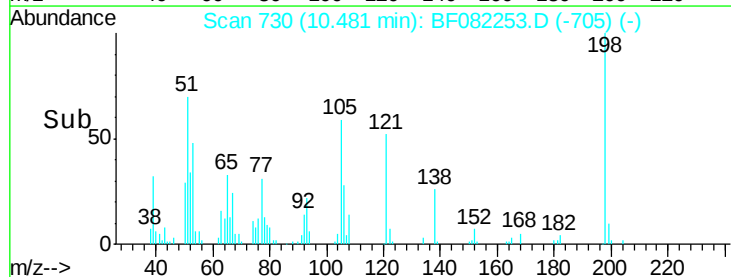
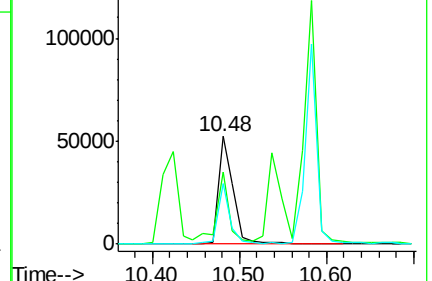
105 56.7 17.1 57.1

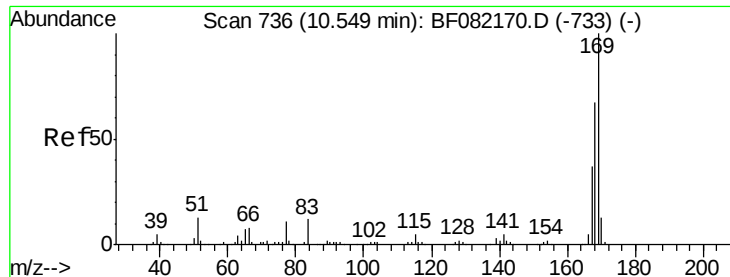


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.09 ng

RT: 10.55 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

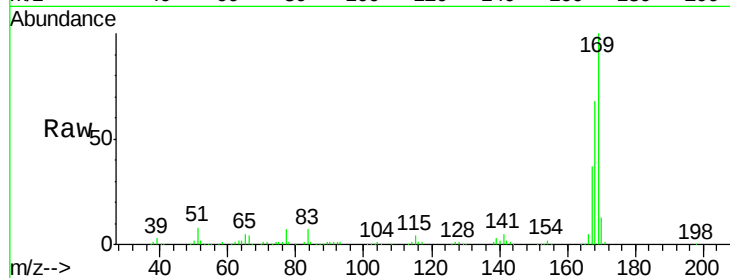
Tot Ion:169 Resp: 383249

Ion Ratio Lower Upper

169 100

168 68.4 54.0 81.0

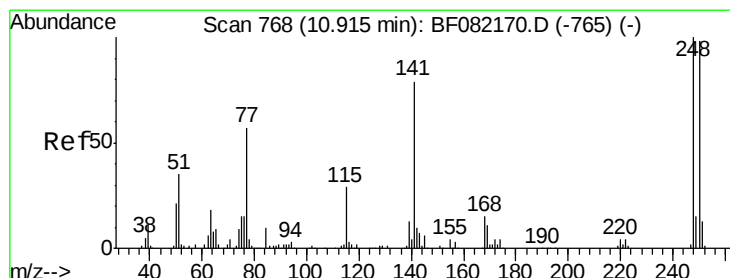
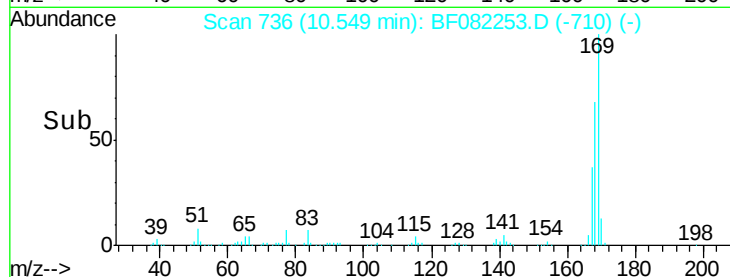
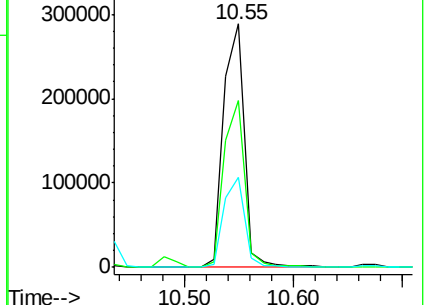
167 37.0 29.6 44.4



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: 38.02 ng

RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

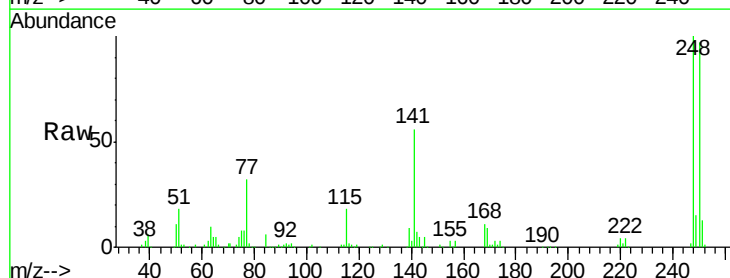
Tgt Ion:248 Resp: 127867

Ion Ratio Lower Upper

248 100

250 97.0 78.6 117.8

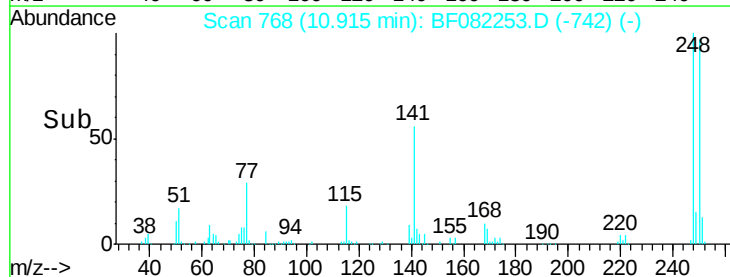
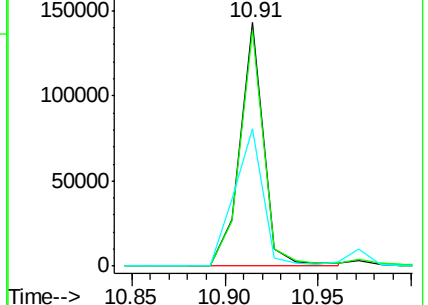
141 56.4 63.3 94.9#

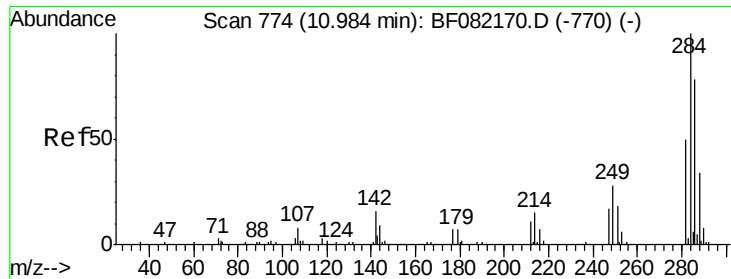


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

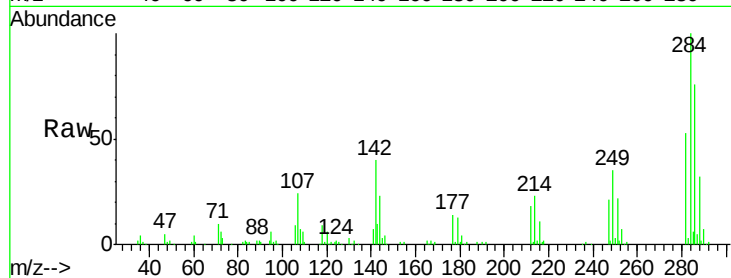




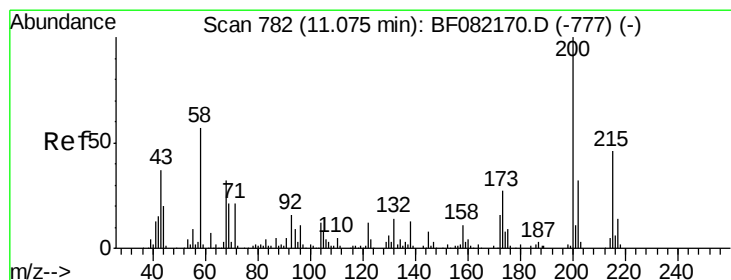
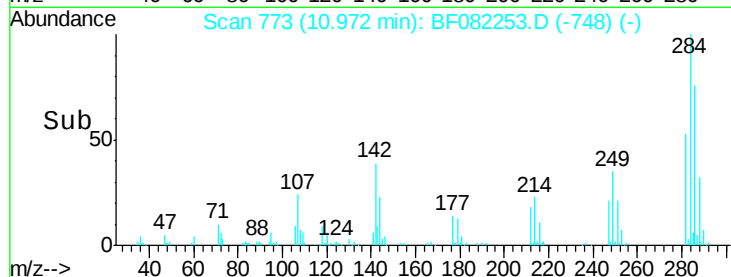
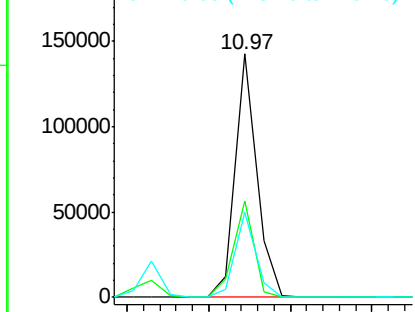
#67
Hexachlorobenzene
Concen: 35.61 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 129523
Ion Ratio Lower Upper
284 100
142 39.6 13.0 19.6#
249 34.9 22.5 33.7#

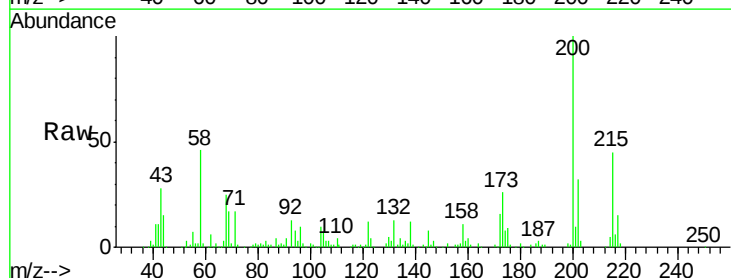


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

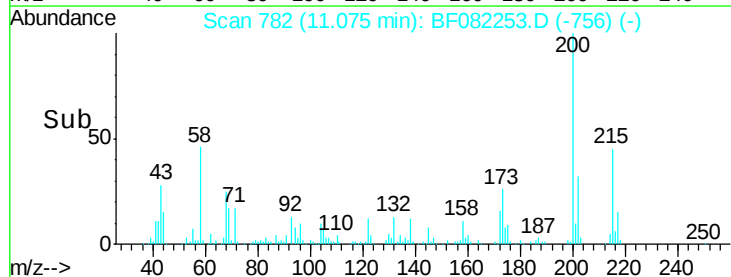
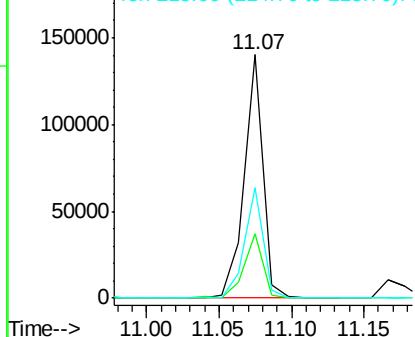


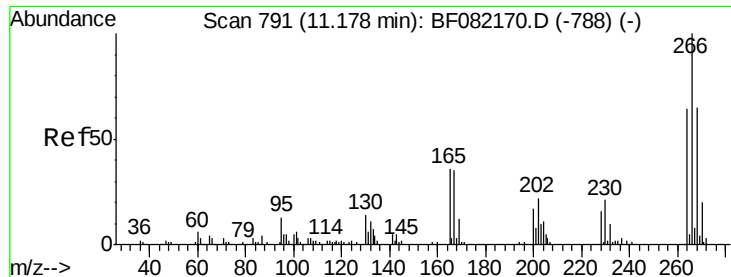
#68
Atrazine
Concen: 39.37 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Tgt Ion:200 Resp: 125507
Ion Ratio Lower Upper
200 100
173 26.4 7.3 47.3
215 45.3 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

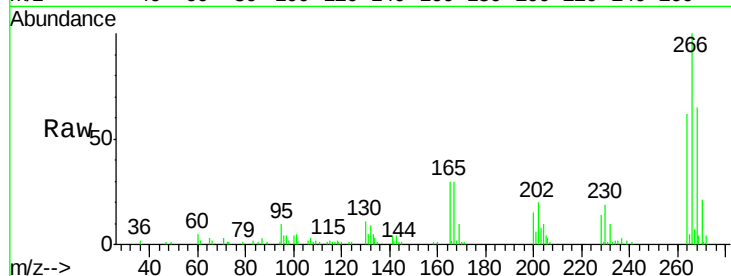




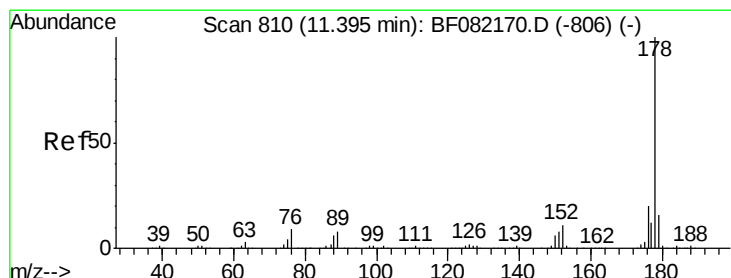
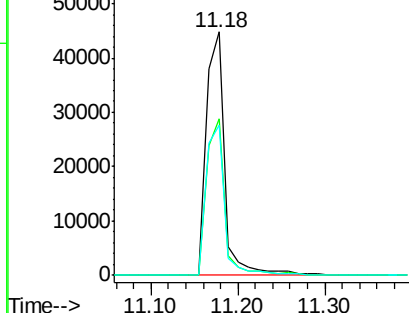
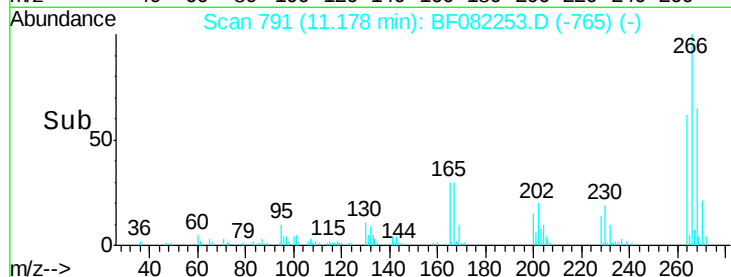
#69
 Pentachlorophenol
 Concen: 35.38 ng
 RT: 11.18 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 66230
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.0 78.0
 264 61.7 51.4 77.0

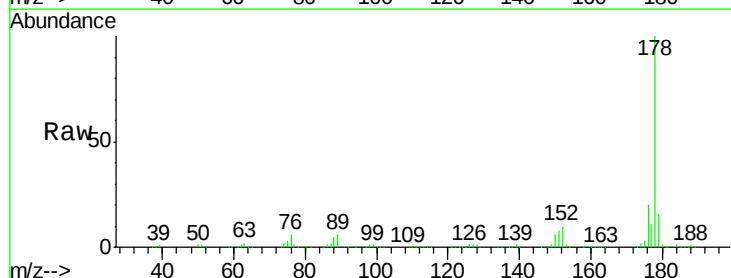


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

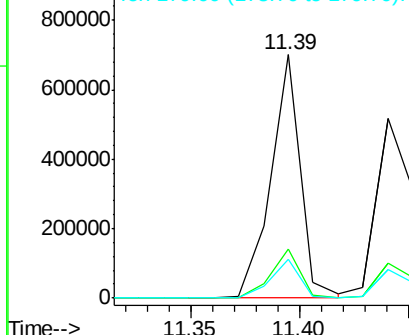
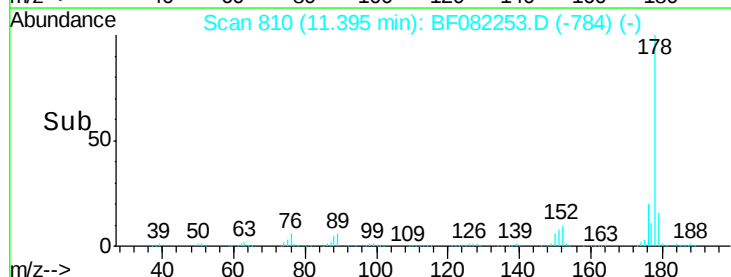


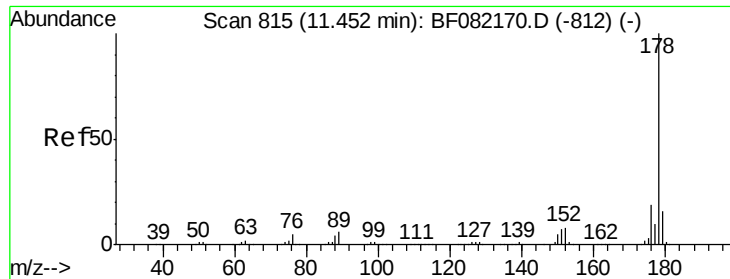
#70
 Phenanthrene
 Concen: 40.24 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

Tgt Ion:178 Resp: 662821
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.7 12.6 19.0



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

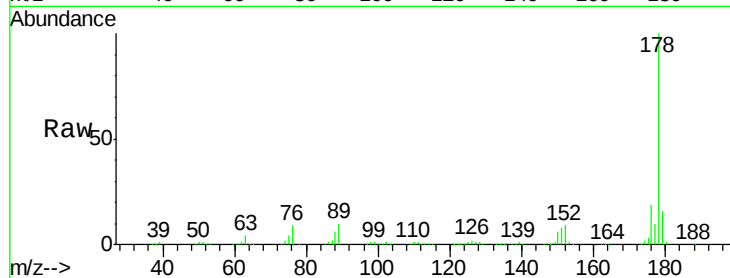




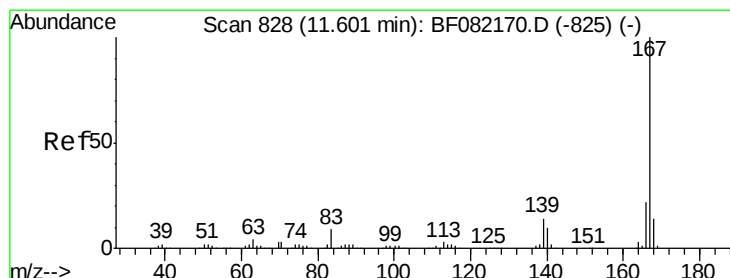
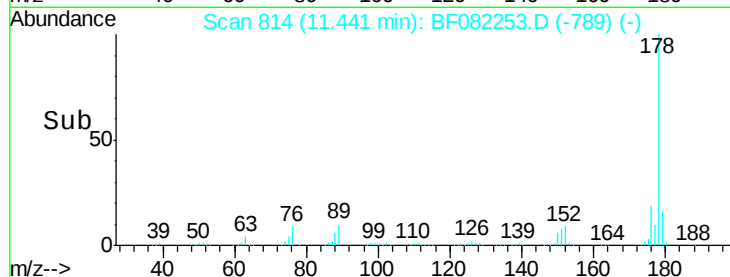
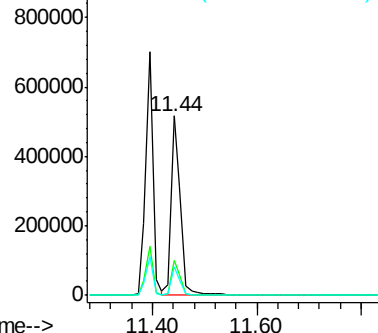
#71
 Anthracene
 Concen: 37.87 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 642767
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 16.2 12.5 18.7

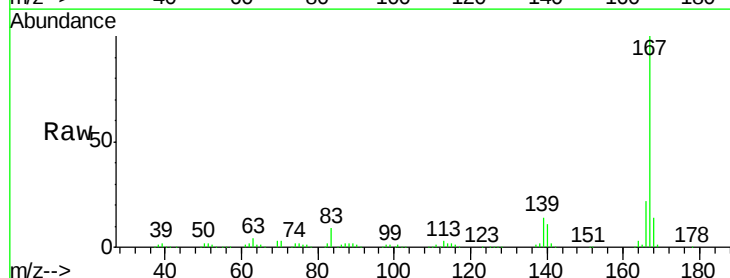


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

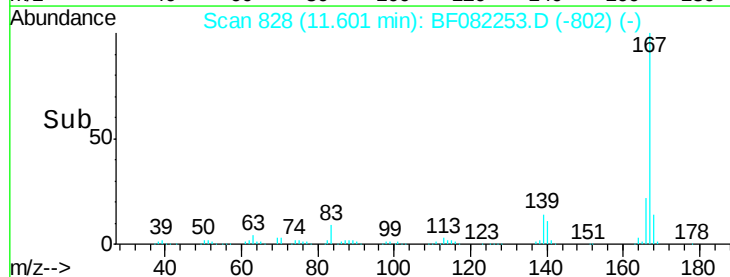
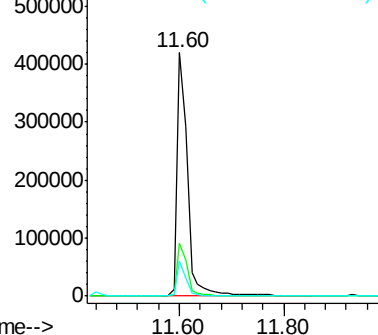


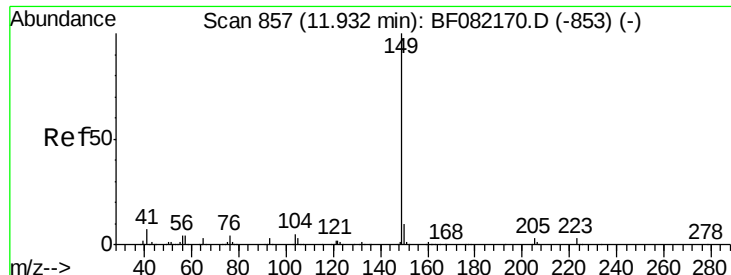
#72
 Carbazole
 Concen: 37.93 ng
 RT: 11.60 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

Tgt Ion:167 Resp: 587281
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 14.3 11.2 16.8



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





#73

Di-n-butylphthalate

Concen: 34.81 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

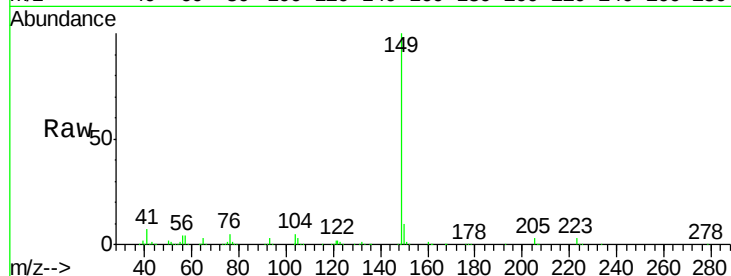
Tot Ion:149 Resp: 665044

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

104 4.8 3.8 5.8

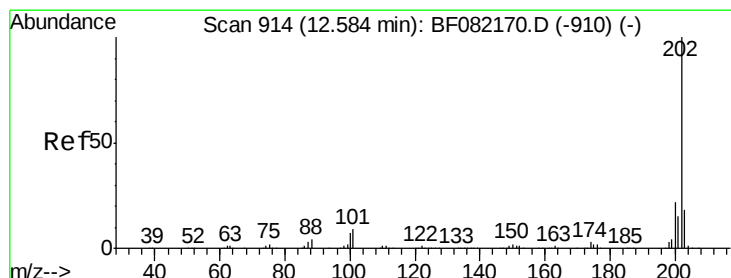
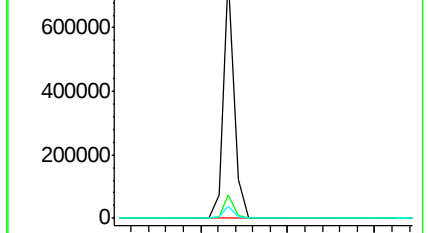
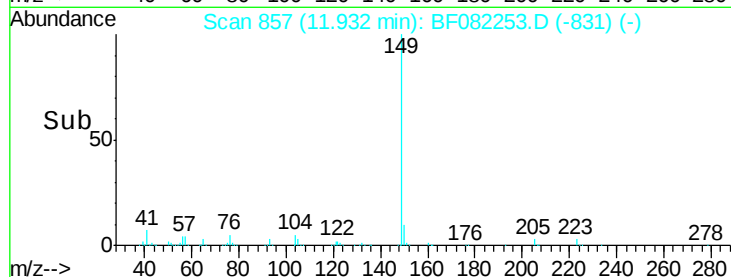


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#74

Fluoranthene

Concen: 39.94 ng

RT: 12.60 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

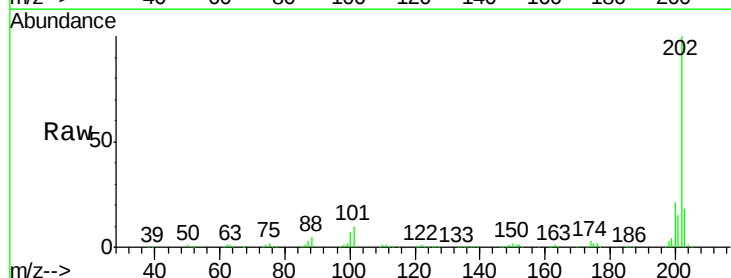
Tgt Ion:202 Resp: 706562

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.3

203 17.8 0.0 37.8

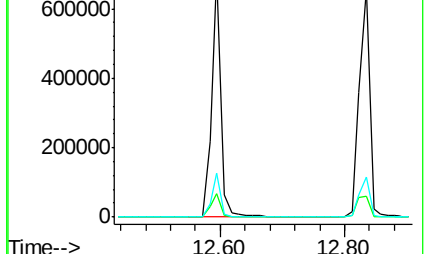
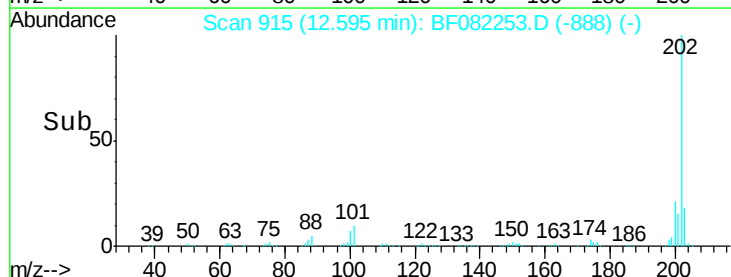


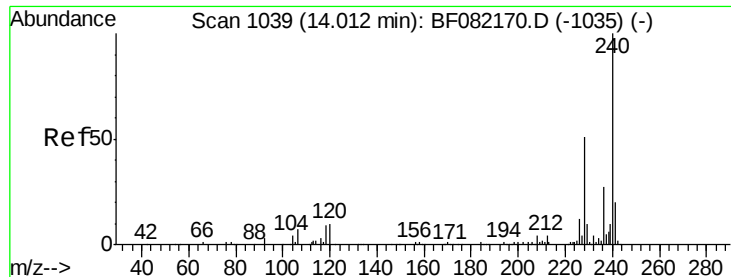
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 1050

Delta R.T. 0.13 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

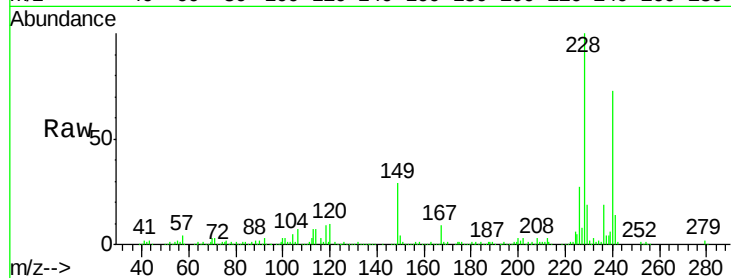
Tot Ion:240 Resp: 305619

Ion Ratio Lower Upper

240 100

120 13.9 8.1 12.1#

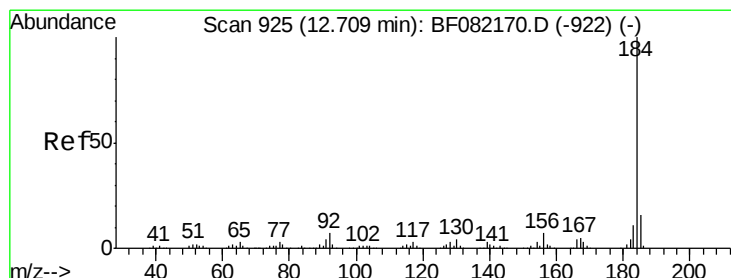
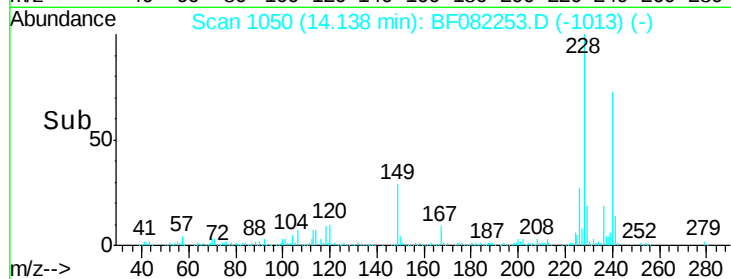
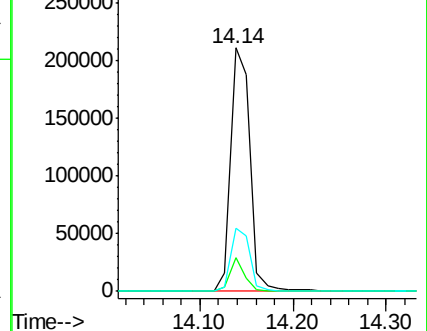
236 25.8 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.44 ng

RT: 12.73 min Scan# 927

Delta R.T. 0.02 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

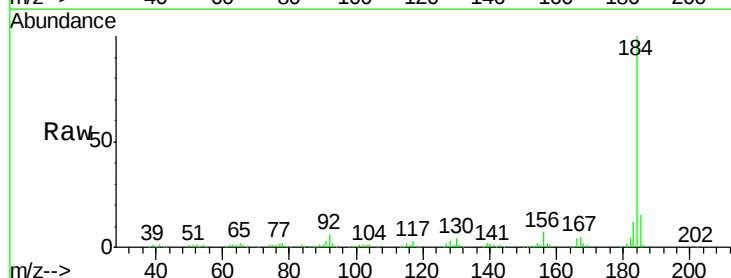
Tgt Ion:184 Resp: 322778

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

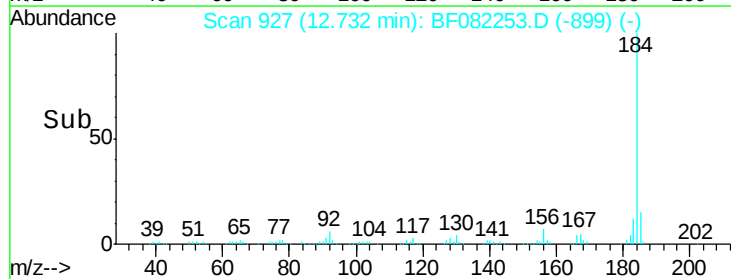
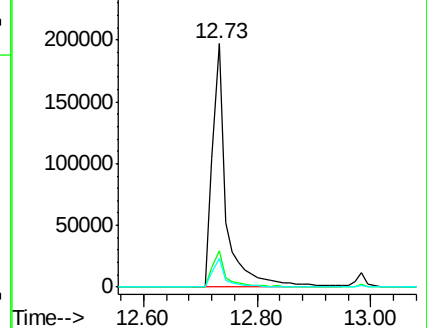
183 11.5 9.1 13.7

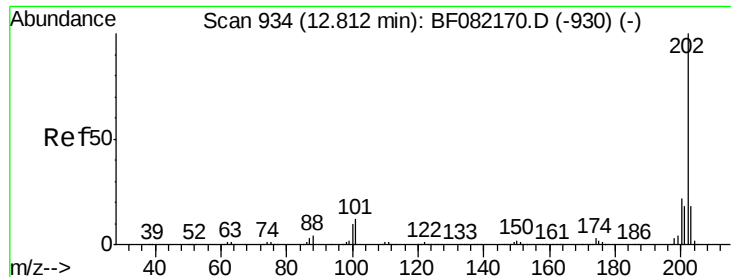


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

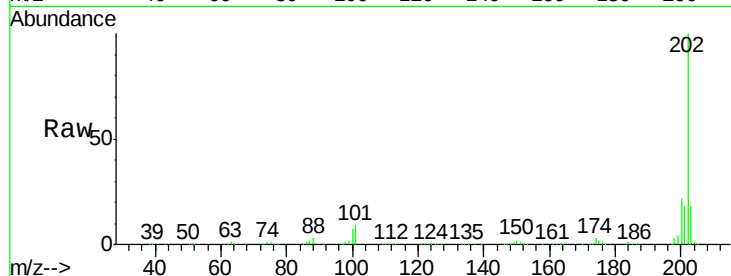




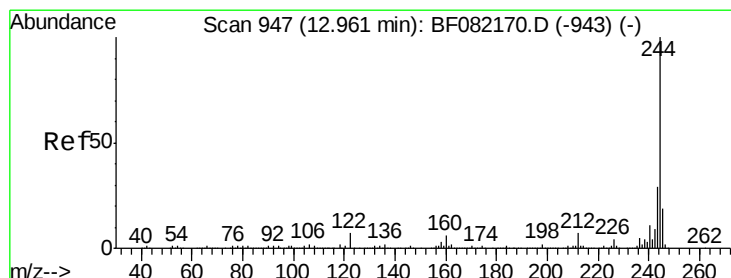
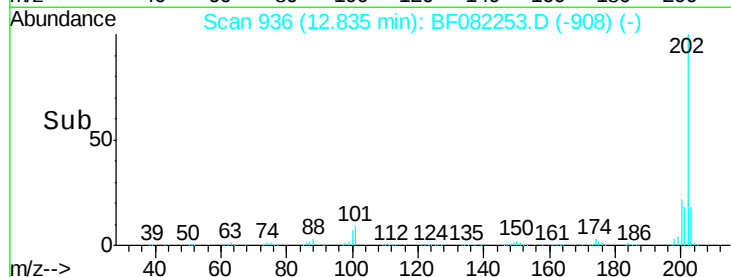
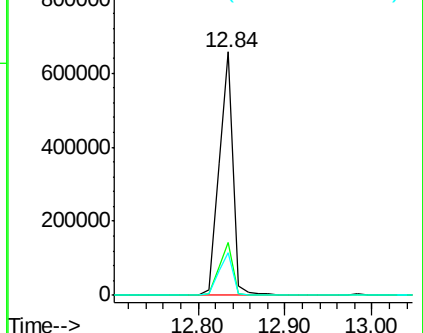
#77
Pvrene
Concen: 40.54 ng
RT: 12.84 min Scan# 936
Delta R.T. 0.02 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.9	26.9
203	17.5	14.5	21.7

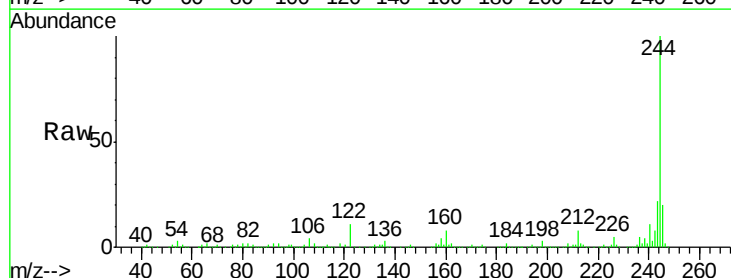


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

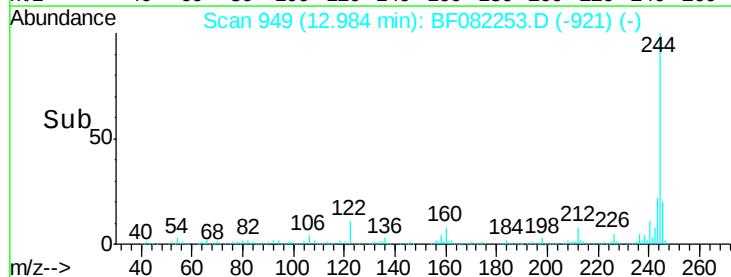
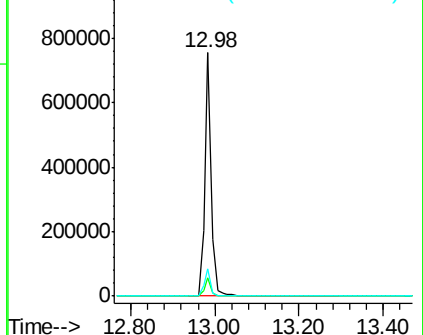


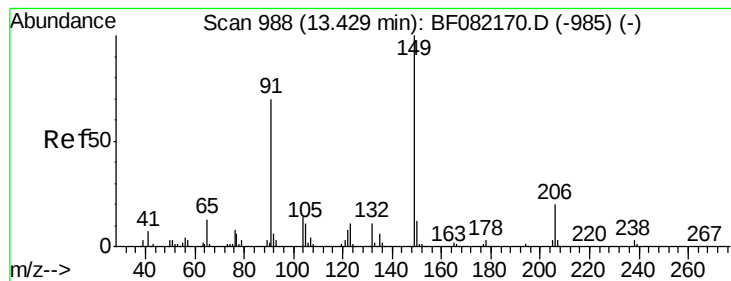
#78
Terphenyl-d14
Concen: 71.29 ng
RT: 12.98 min Scan# 949
Delta R.T. 0.02 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	11.2	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: 37.08 ng

RT: 13.50 min Scan# 994

Delta R.T. 0.07 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

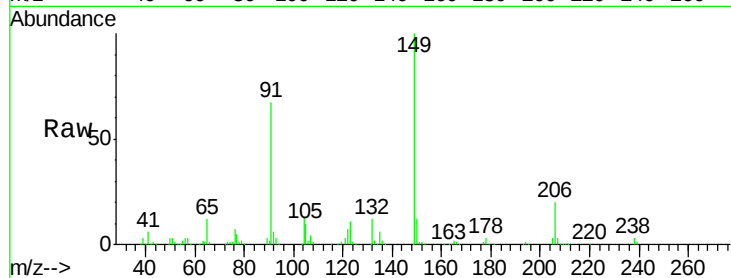
Tot Ion:149 Resp: 306918

Ion Ratio Lower Upper

149 100

91 66.9 55.7 83.5

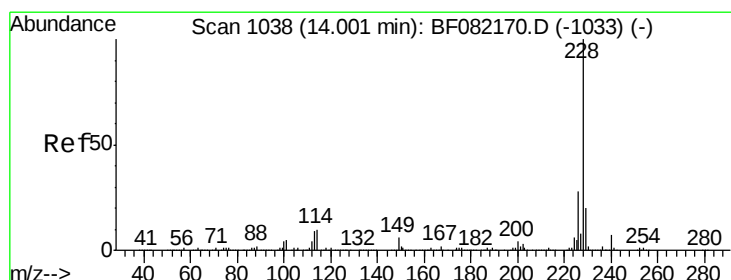
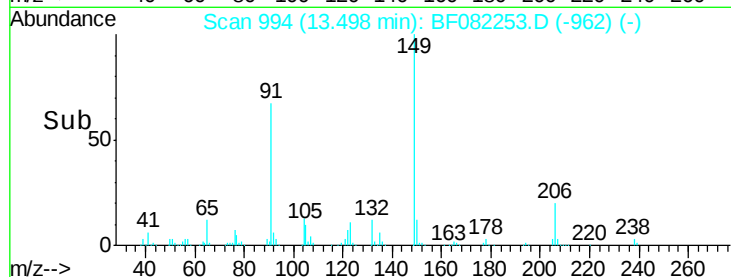
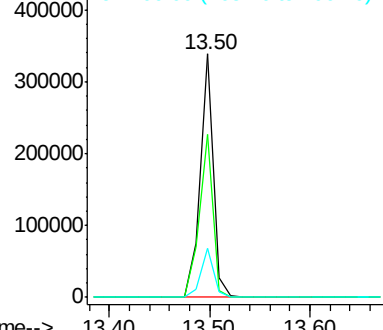
206 20.1 15.6 23.4



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: 39.22 ng

RT: 14.13 min Scan# 1049

Delta R.T. 0.13 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

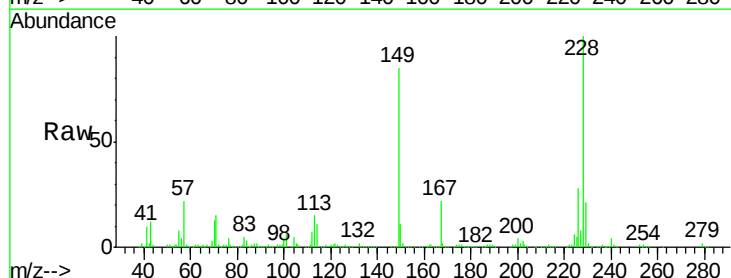
Tgt Ion:228 Resp: 623650

Ion Ratio Lower Upper

228 100

226 28.4 22.3 33.5

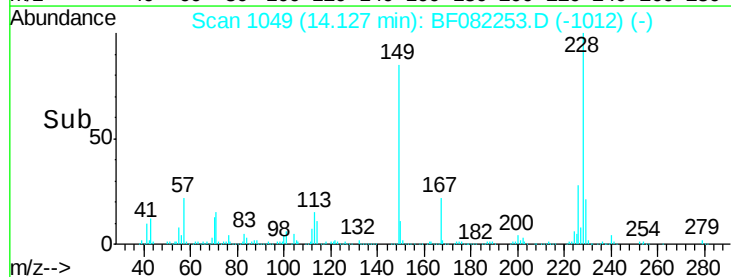
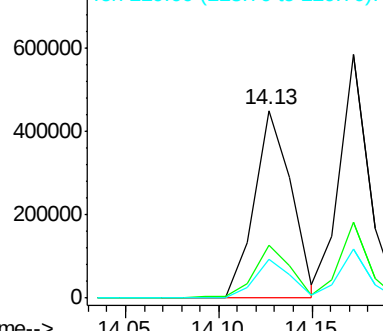
229 20.7 16.2 24.2

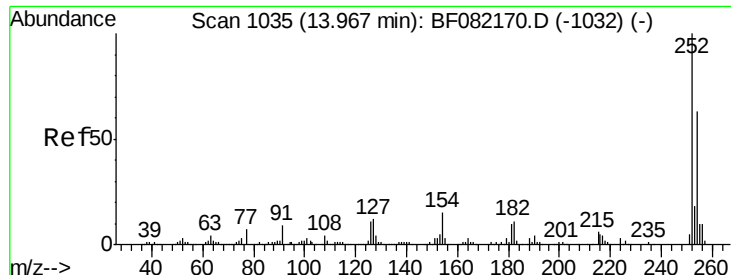


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

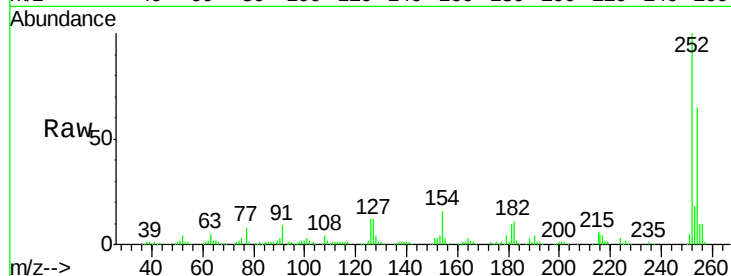




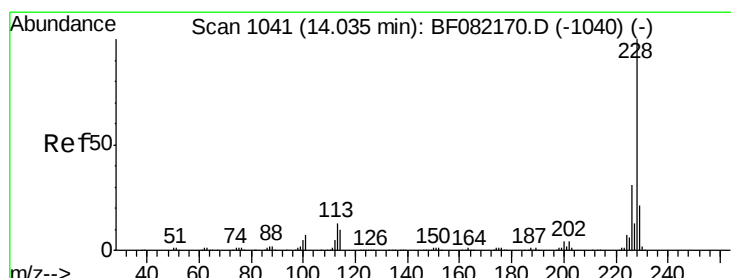
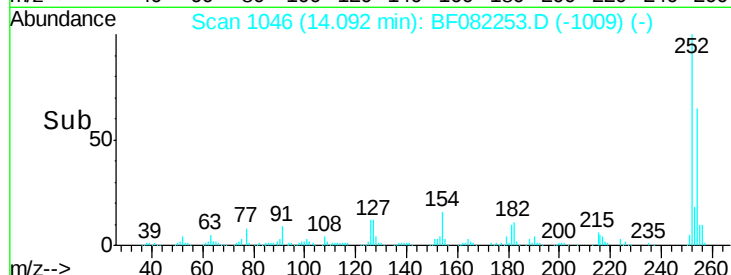
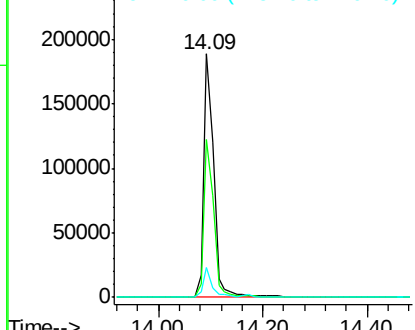
#81
 3,3'-Dichlorobenzidine
 Concen: 41.61 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. 0.13 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 251155
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.7 76.1
 126 12.3 9.0 13.6

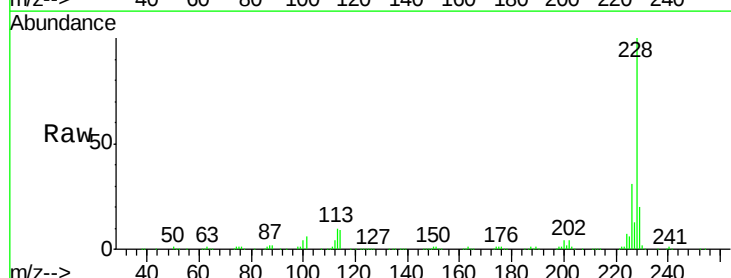


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

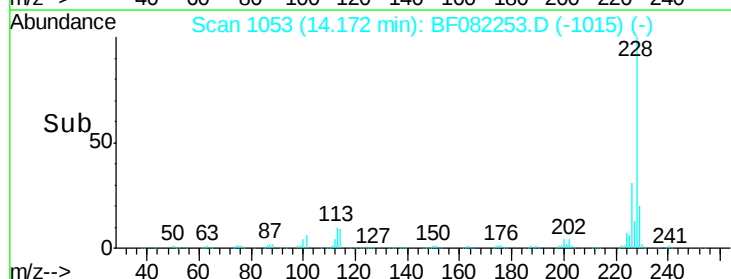
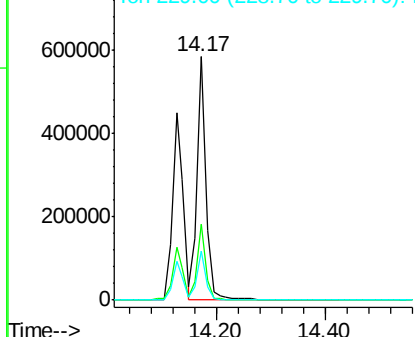


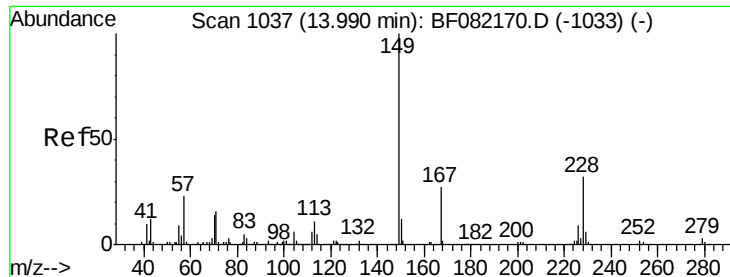
#82
 Chrysene
 Concen: 39.29 ng
 RT: 14.17 min Scan# 1053
 Delta R.T. 0.14 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

Tgt Ion:228 Resp: 658295
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.2 16.3 24.5



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

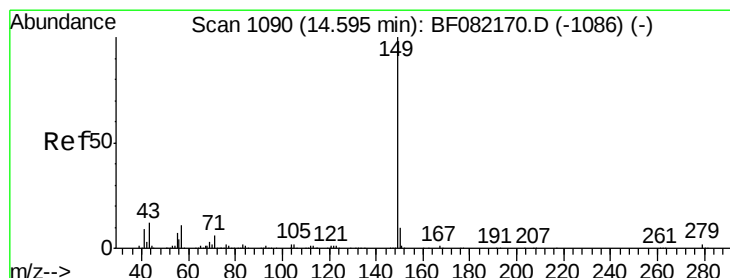
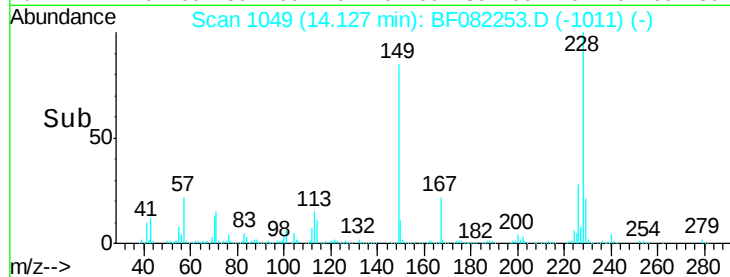
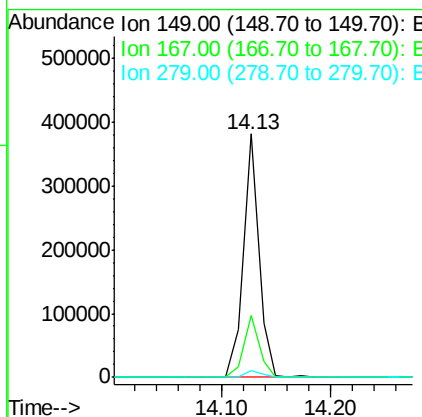
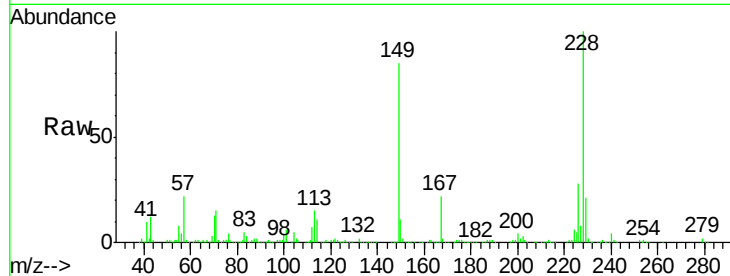




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.99 ng
 RT: 14.13 min Scan# 1049
 Delta R.T. 0.14 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

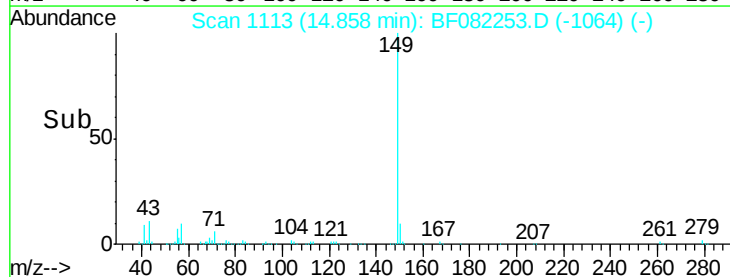
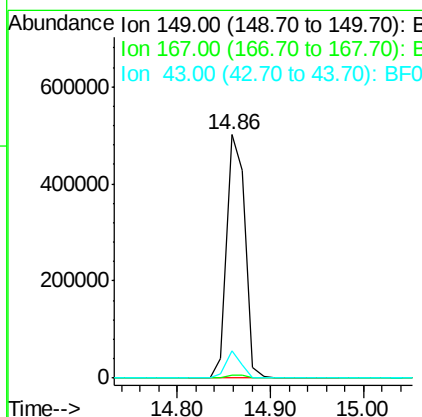
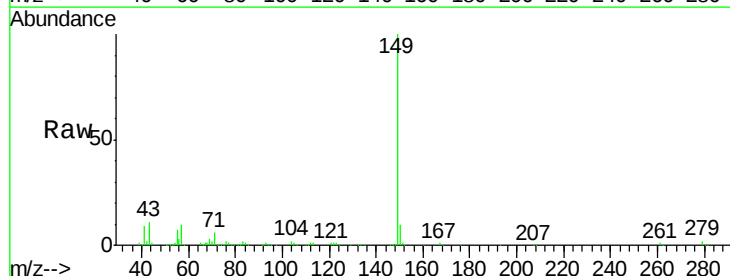
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

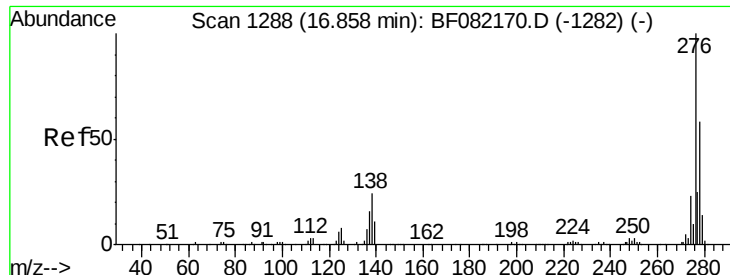
Tot Ion:149 Resp: 377769
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.3 31.9
 279 2.9 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 33.74 ng
 RT: 14.86 min Scan# 1113
 Delta R.T. 0.26 min
 Lab File: BF082253.D
 Acq: 13 Oct 2015 13:56

Tgt Ion:149 Resp: 684221
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.1 7.4 11.2

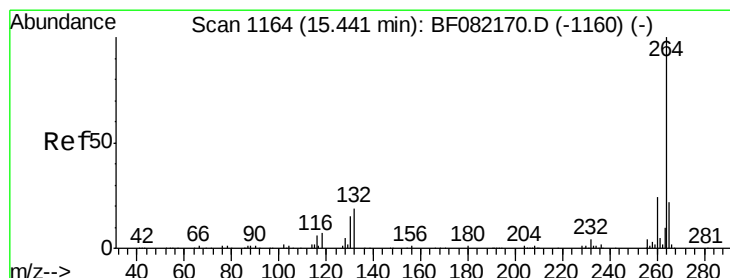
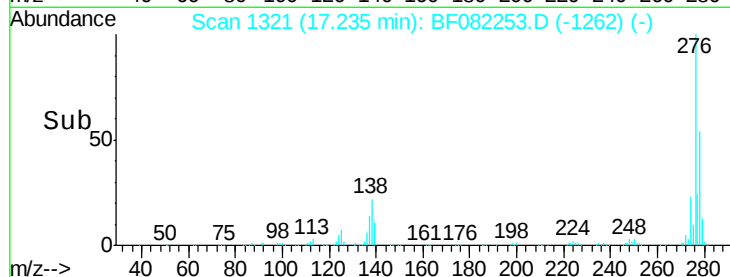
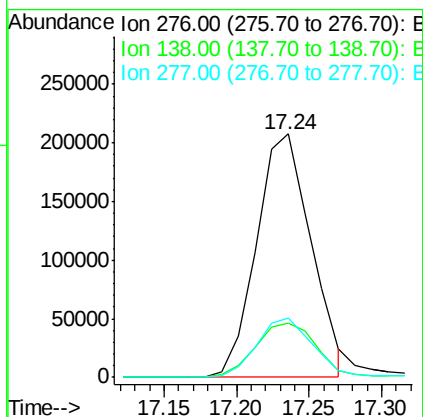
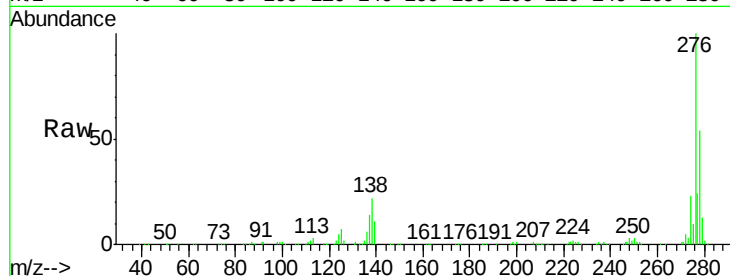




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.59 ng
RT: 17.24 min Scan# 1321
Delta R.T. 0.38 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

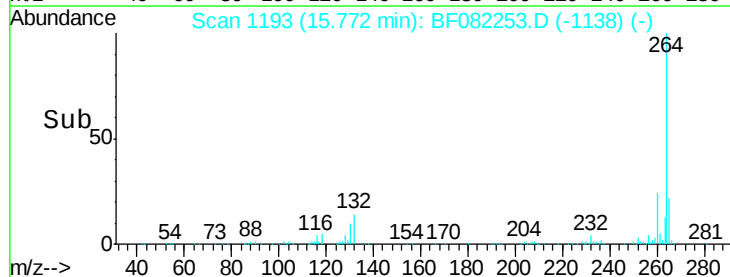
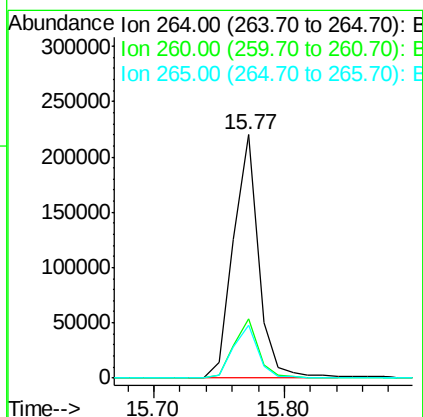
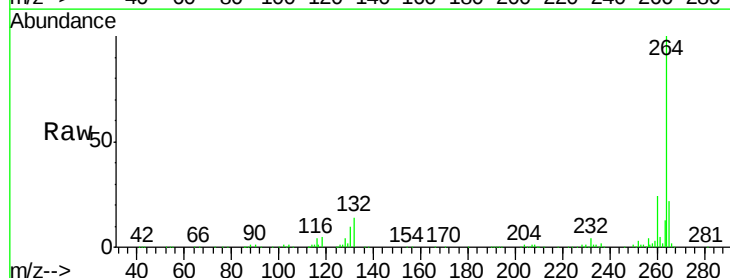
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

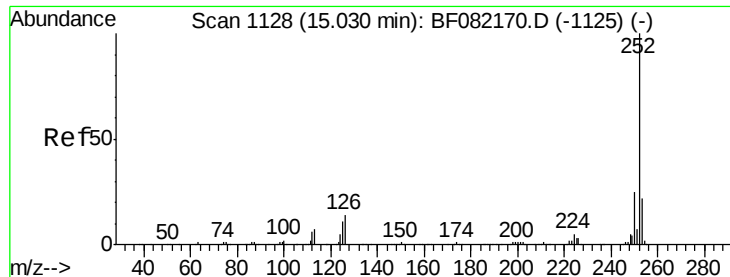
Tot Ion:276 Resp: 540502
Ion Ratio Lower Upper
276 100
138 24.7 19.7 29.5
277 24.6 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1193
Delta R.T. 0.33 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Tgt Ion:264 Resp: 296404
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.6
265 21.6 17.3 25.9

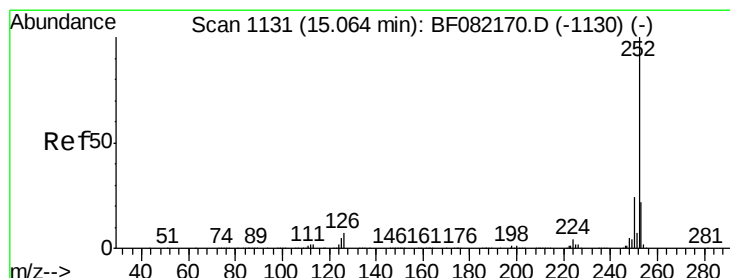
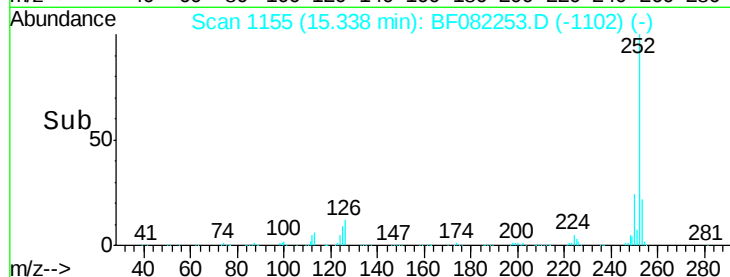
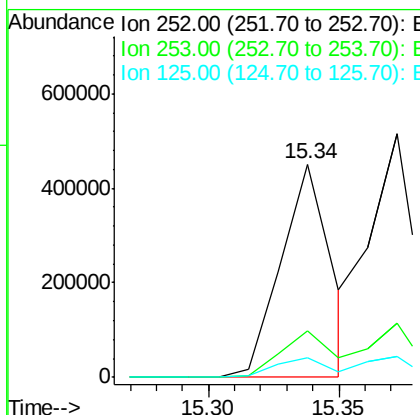
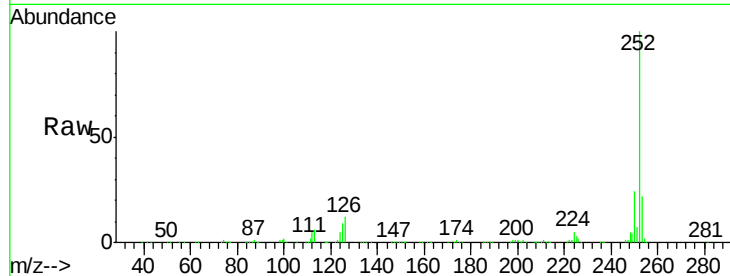




#87
Benzo(b)fluoranthene
Concen: 33.30 ng
RT: 15.34 min Scan# 1155
Delta R.T. 0.31 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

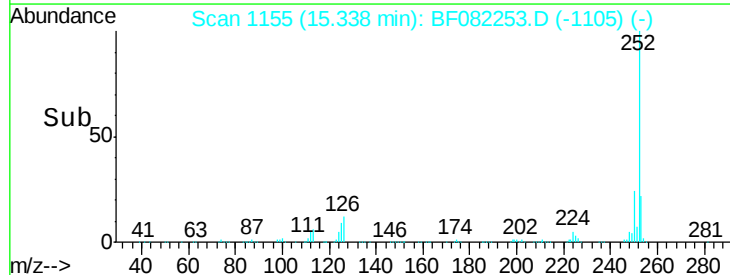
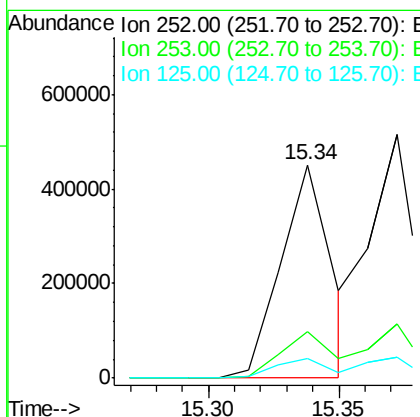
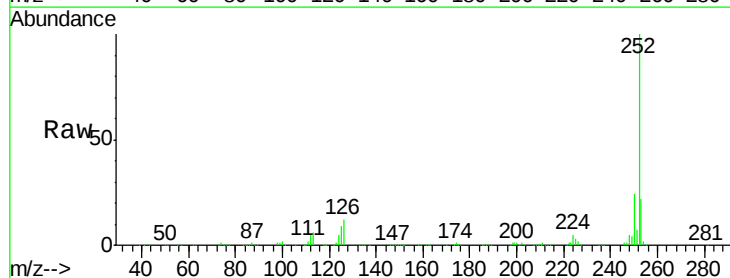
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

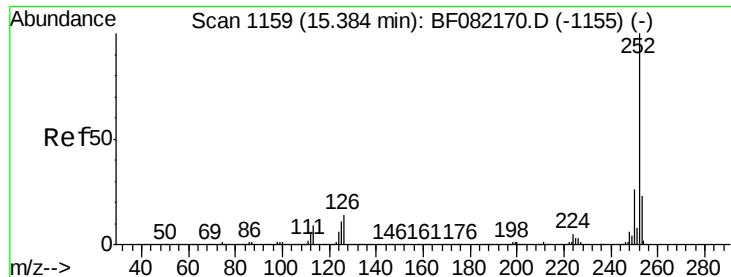
Tot Ion:252 Resp: 600481
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 9.2 8.6 12.8



#88
Benzo(k)fluoranthene
Concen: 39.62 ng
RT: 15.34 min Scan# 1155
Delta R.T. 0.27 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Tgt Ion:252 Resp: 600481
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 9.2 6.7 10.1

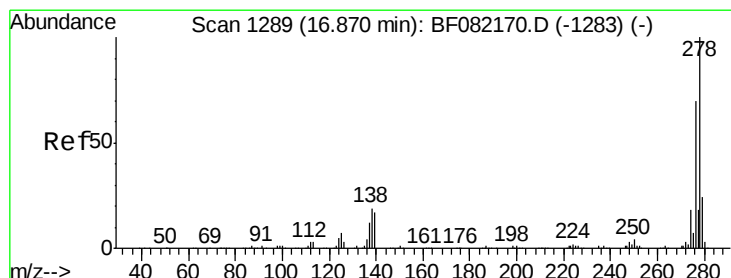
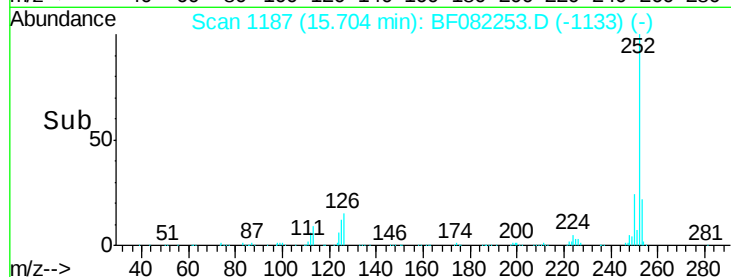
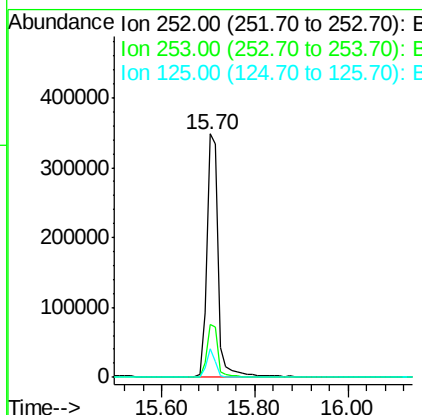
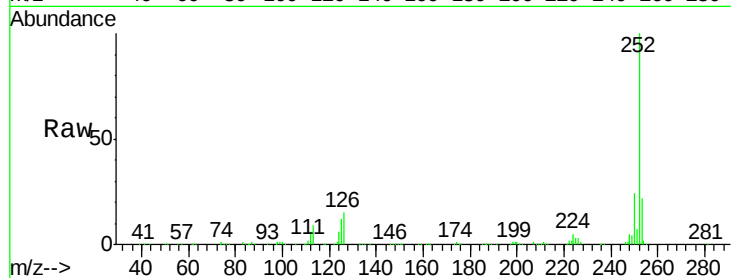




#89
Benzo(a)pyrene
Concen: 38.49 ng
RT: 15.70 min Scan# 1187
Delta R.T. 0.32 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

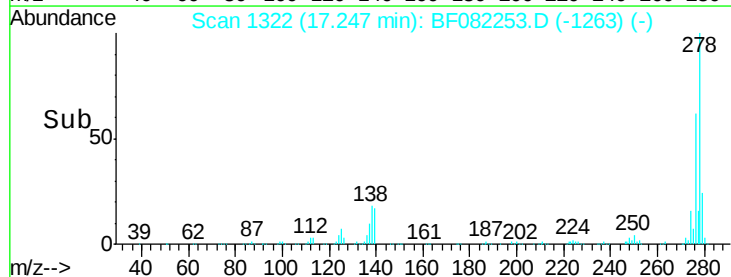
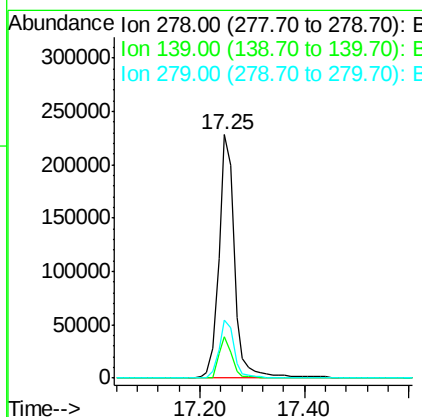
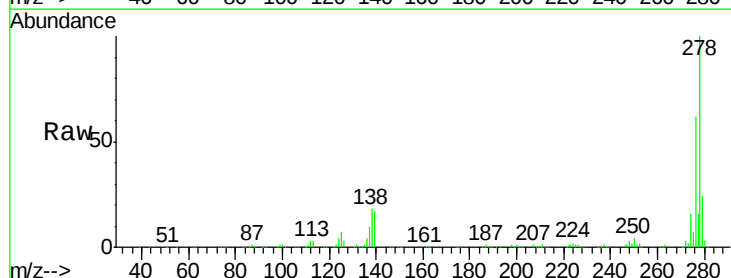
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

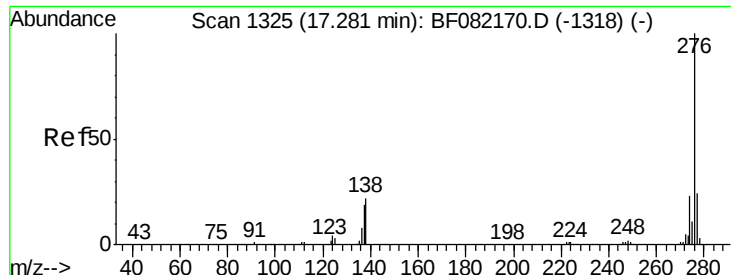
Tot Ion:252 Resp: 596459
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 11.6 8.9 13.3



#90
Dibenzo(a,h)anthracene
Concen: 37.49 ng
RT: 17.25 min Scan# 1322
Delta R.T. 0.38 min
Lab File: BF082253.D
Acq: 13 Oct 2015 13:56

Tgt Ion:278 Resp: 476095
Ion Ratio Lower Upper
278 100
139 16.9 13.3 19.9
279 23.8 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 36.25 ng

RT: 17.67 min Scan# 1359

Delta R.T. 0.39 min

Lab File: BF082253.D

Acq: 13 Oct 2015 13:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

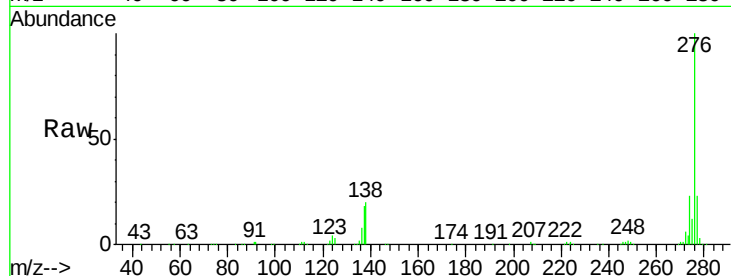
Tot Ion:276 Resp: 447306

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 19.9 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

