

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082295.D
 Acq On : 15 Oct 2015 8:12
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 16 01:03:04 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	114436	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	447792	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	222318	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	429797	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	315462	20.00	ng	0.08
86) Perylene-d12	15.66	264	266298	20.00	ng	0.22

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	433822	76.51	ng	-0.01
7) Phenol-d6	6.47	99	560560	75.97	ng	-0.01
23) Nitrobenzene-d5	7.41	82	544435	81.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	182555	87.56	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1096512	81.79	ng	-0.01
78) Terphenyl-d14	12.97	244	1094008	91.90	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	99171	34.81	ng	97
3) Pyridine	3.09	79	263650	39.79	ng	97
4) n-Nitrosodimethylamine	3.05	42	108160	38.49	ng	98
6) Aniline	6.49	93	383503	40.31	ng	96
8) 2-Chlorophenol	6.61	128	251475	36.33	ng	# 80
9) Benzaldehyde	6.38	77	159915	42.44	ng	94
10) Phenol	6.48	94	306321	36.01	ng	86
11) bis(2-Chloroethyl)ether	6.57	93	265271	36.87	ng	95
12) 1,3-Dichlorobenzene	6.77	146	314475	39.01	ng	97
13) 1,4-Dichlorobenzene	6.85	146	322978	38.37	ng	98
14) 1,2-Dichlorobenzene	6.99	146	277290	34.69	ng	98
15) Benzyl Alcohol	6.97	79	203141	39.88	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	356906	35.63	ng	97
17) 2-Methylphenol	7.10	107	216324	39.52	ng	100
18) Hexachloroethane	7.34	117	112286	38.97	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	196195	37.86	ng	98
20) 3+4-Methylphenols	7.25	107	238157	36.51	ng	91
22) Acetophenone	7.25	105	347697	39.25	ng	97
24) Nitrobenzene	7.42	77	259480	35.95	ng	100
25) Isophorone	7.66	82	521293	38.73	ng	99
26) 2-Nitrophenol	7.74	139	159968	44.39	ng	96
27) 2,4-Dimethylphenol	7.78	122	239522	41.25	ng	93
28) bis(2-Chloroethoxy)methane	7.87	93	327102	41.77	ng	99
29) 2,4-Dichlorophenol	7.98	162	232248	40.01	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	262333	39.21	ng	97
31) Naphthalene	8.14	128	712300	36.70	ng	100
32) Benzoic acid	7.91	122	104707	26.87	ng	96
33) 4-Chloroaniline	8.19	127	327887	40.67	ng	100
34) Hexachlorobutadiene	8.25	225	166627	39.97	ng	98
35) Caprolactam	8.58	113	65192	38.70	ng	# 77
36) 4-Chloro-3-methylphenol	8.69	107	247200	43.55	ng	89
37) 2-Methylnaphthalene	8.83	142	562573	41.81	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	247621	37.45	ng	98
40) Hexachlorocyclopentadiene	8.98	237	81690	30.18	ng	100

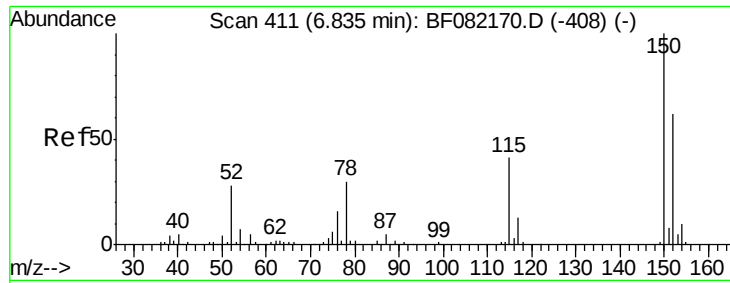
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	179961	40.97	nq	97
43) 2,4,5-Trichlorophenol	9.15	196	177464	37.30	nq	# 89
45) 1,1'-Biphenyl	9.30	154	691138	40.77	nq	95
46) 2-Chloronaphthalene	9.33	162	546207	40.93	nq	97
47) 2-Nitroaniline	9.43	65	162572	44.37	nq	# 75
48) Acenaphthylene	9.74	152	765442	36.82	nq	99
49) Dimethylphthalate	9.61	163	637868	40.74	nq	# 98
50) 2,6-Dinitrotoluene	9.67	165	124562	37.71	nq	# 78
51) Acenaphthene	9.91	154	469904	37.65	nq	99
52) 3-Nitroaniline	9.84	138	143534	38.47	nq	90
53) 2,4-Dinitrophenol	9.94	184	51081	31.86	nq	# 72
54) Dibenzofuran	10.08	168	630195	36.78	nq	97
55) 4-Nitrophenol	10.01	139	92632	43.77	nq	91
56) 2,4-Dinitrotoluene	10.07	165	174591	42.29	nq	91
57) Fluorene	10.42	166	517257	36.75	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	166097	42.73	nq	92
59) Diethylphthalate	10.31	149	617110	42.29	nq	96
60) 4-Chlorophenyl-phenylether	10.42	204	272458	42.26	nq	# 80
61) 4-Nitroaniline	10.46	138	150152	41.49	nq	93
62) Azobenzene	10.58	77	565979	39.63	nq	85
64) 4,6-Dinitro-2-methylphenol	10.48	198	84855	35.18	nq	# 62
65) n-Nitrosodiphenylamine	10.54	169	485478	37.73	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	170615	39.67	nq	# 82
67) Hexachlorobenzene	10.97	284	172582	37.10	nq	# 75
68) Atrazine	11.07	200	170930	41.93	nq	99
69) Pentachlorophenol	11.17	266	96839	40.45	nq	97
70) Phenanthrene	11.39	178	847528	40.23	nq	99
71) Anthracene	11.44	178	820189	37.78	nq	99
72) Carbazole	11.60	167	722217	36.47	nq	98
73) Di-n-butylphthalate	11.93	149	1018252	41.68	nq	99
74) Fluoranthene	12.58	202	846805	37.43	nq	99
76) Benzidine	12.71	184	412494	45.12	nq	100
77) Pyrene	12.81	202	804869	42.99	nq	99
79) Butylbenzylphthalate	13.46	149	415867	48.68	nq	89
80) Benzo(a)anthracene	14.07	228	639298	38.95	nq	100
81) 3,3'-Dichlorobenzidine	14.04	252	251908	40.43	nq	99
82) Chrysene	14.12	228	646788	37.40	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	529376	43.43	nq	99
84) Di-n-octyl phthalate	14.77	149	793283	37.90	nq	100
85) Indeno(1,2,3-cd)pyrene	17.11	276	641921	46.70	nq	100
87) Benzo(b)fluoranthene	15.24	252	609846	37.64	nq	# 96
88) Benzo(k)fluoranthene	15.24	252	609846	44.78	nq	# 98
89) Benzo(a)pyrene	15.59	252	523176	37.57	nq	99
90) Dibenzo(a,h)anthracene	17.12	278	544094	47.68	nq	99
91) Benzo(g,h,i)perylene	17.54	276	547686	49.41	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF082295.D

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SSTDCCC040

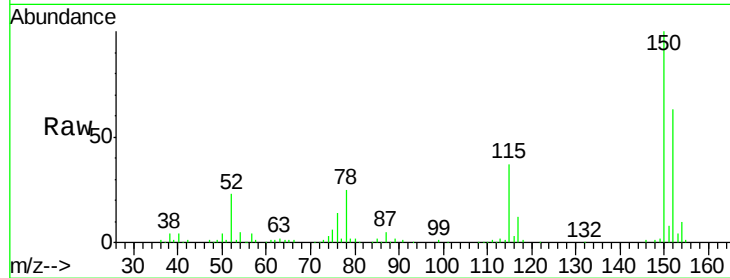
Tot Ion:152 Resp: 114436

Ion Ratio Lower Upper

152 100

150 159.8 129.0 193.4

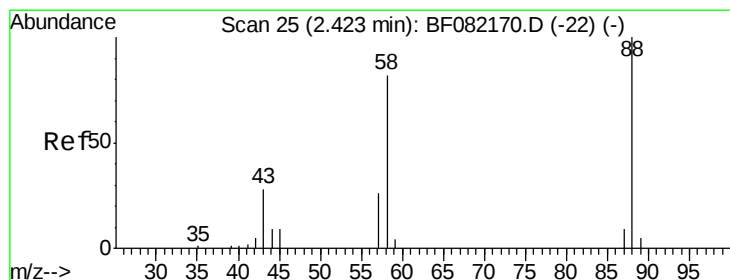
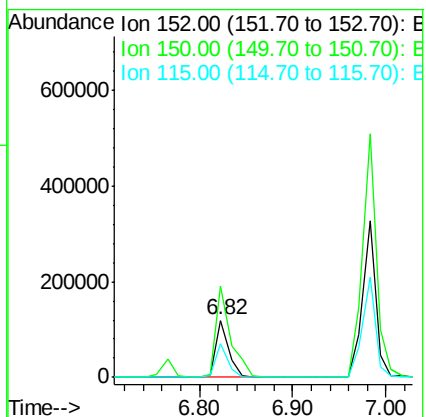
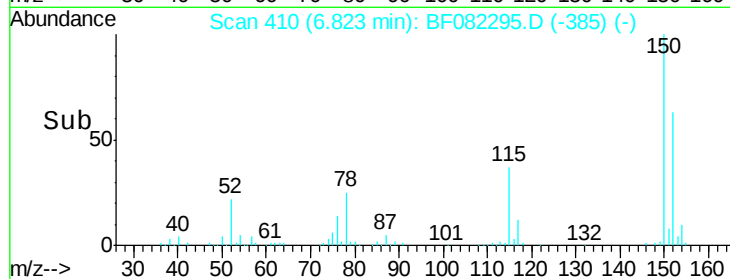
115 59.9 52.1 78.1



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



#2

1,4-Dioxane

Concen: 34.81 ng

RT: 2.37 min Scan# 20

Delta R.T. -0.06 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

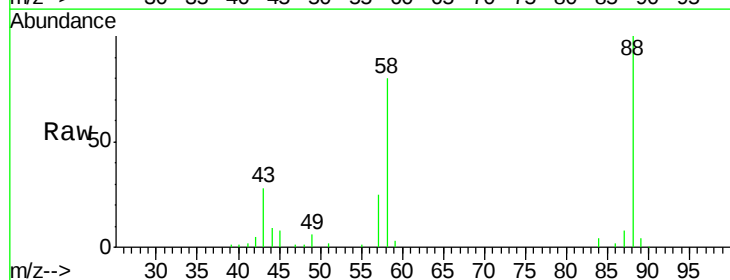
Tgt Ion: 88 Resp: 99171

Ion Ratio Lower Upper

88 100

58 79.7 66.2 99.4

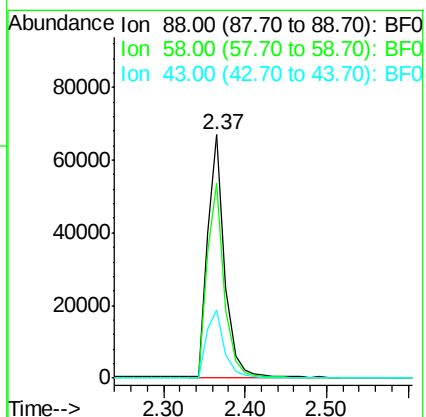
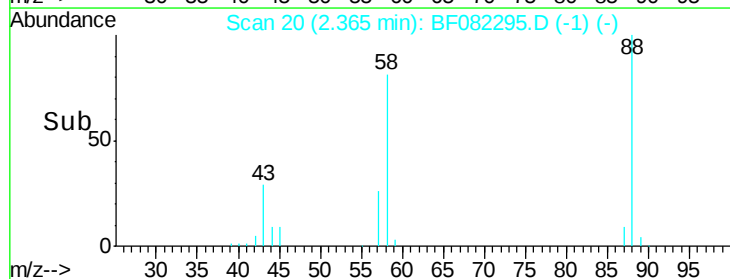
43 28.8 23.0 34.4

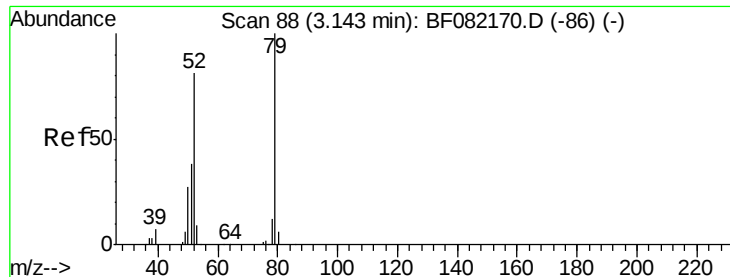


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.79 ng

RT: 3.09 min Scan# 83

Delta R.T. -0.06 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

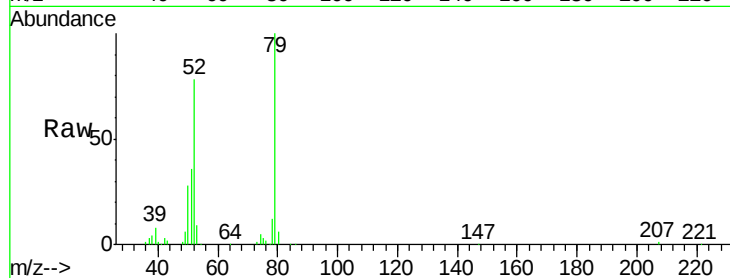
Tot Ion: 79 Resp: 263650

Ion Ratio Lower Upper

79 100

52 77.7 64.4 96.6

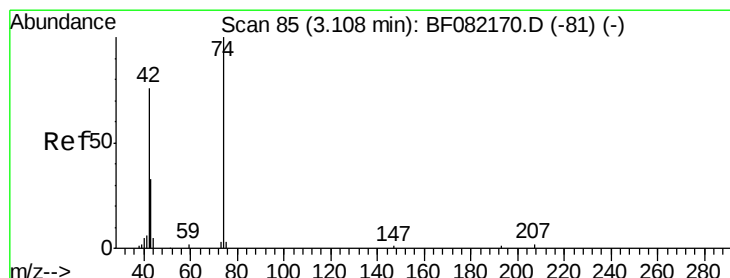
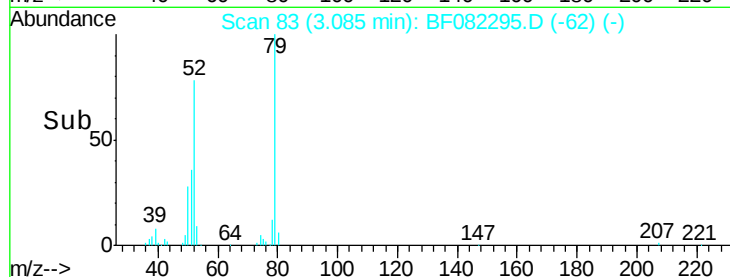
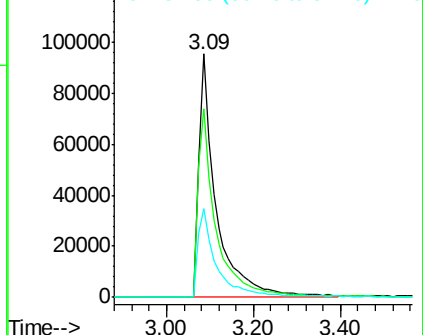
51 36.4 30.5 45.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.49 ng

RT: 3.05 min Scan# 80

Delta R.T. -0.06 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

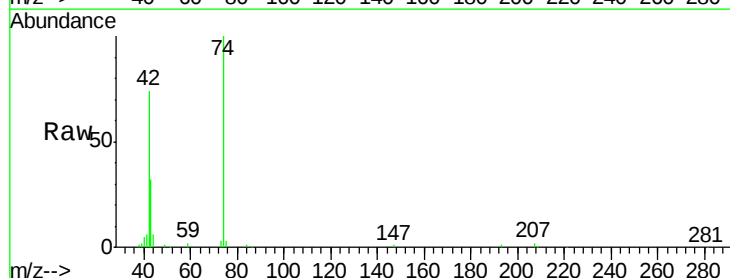
Tgt Ion: 42 Resp: 108160

Ion Ratio Lower Upper

42 100

74 134.3 105.7 158.5

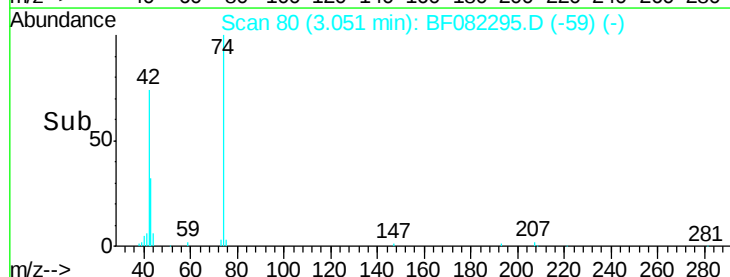
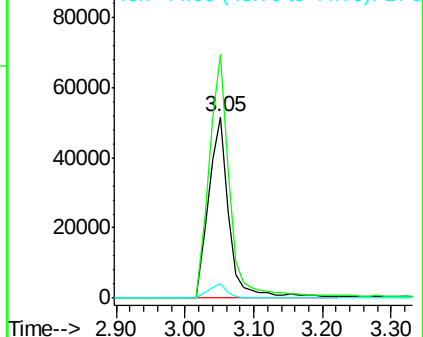
44 7.7 5.4 8.2

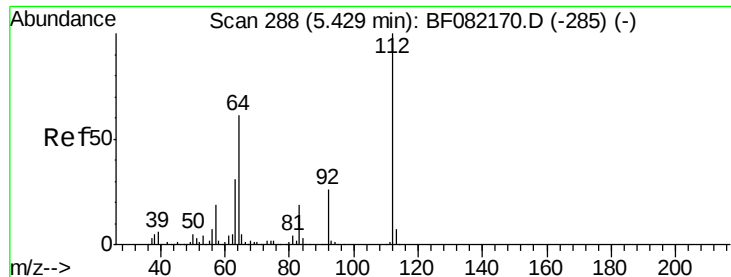


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 76.51 ng

RT: 5.42 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

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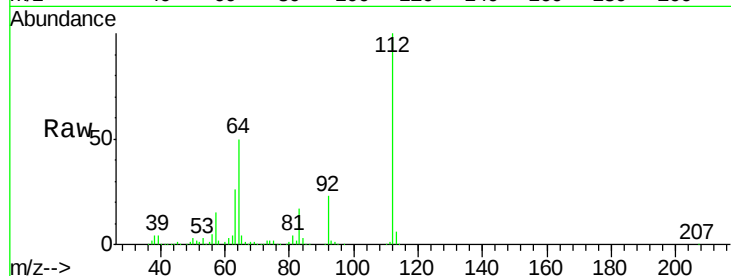
Tot Ion:112 Resp: 433822

Ion Ratio Lower Upper

112 100

64 49.9 48.6 73.0

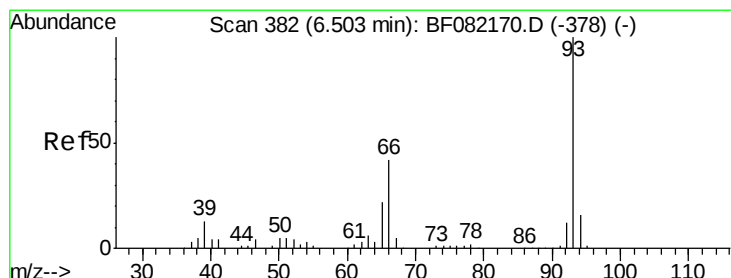
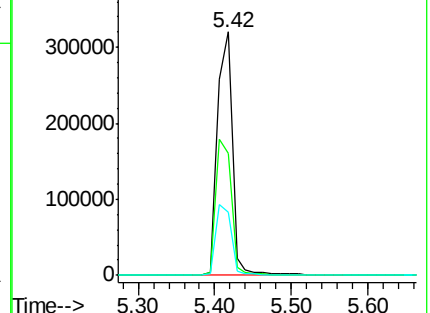
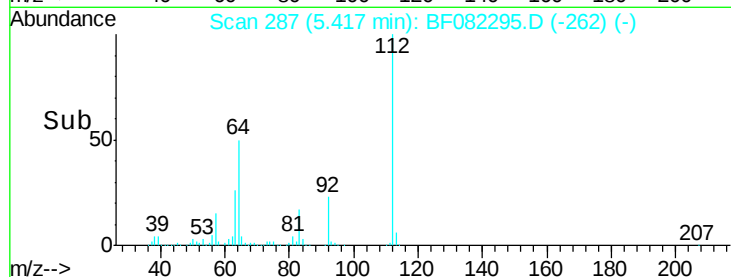
63 25.8 25.1 37.7



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: 40.31 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

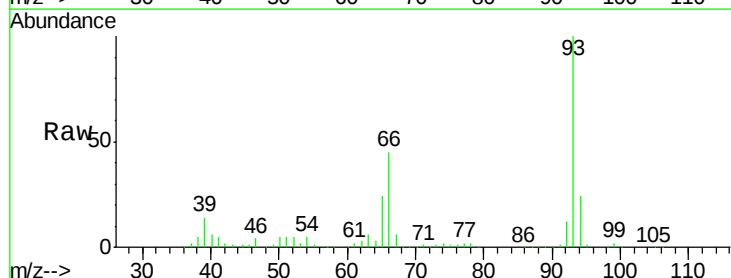
Tgt Ion: 93 Resp: 383503

Ion Ratio Lower Upper

93 100

66 44.8 34.2 51.2

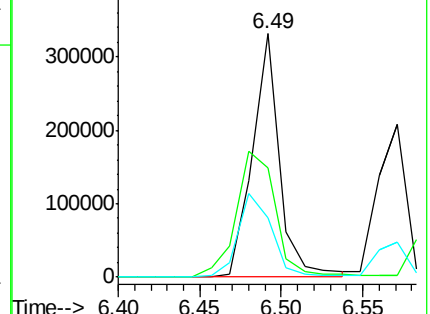
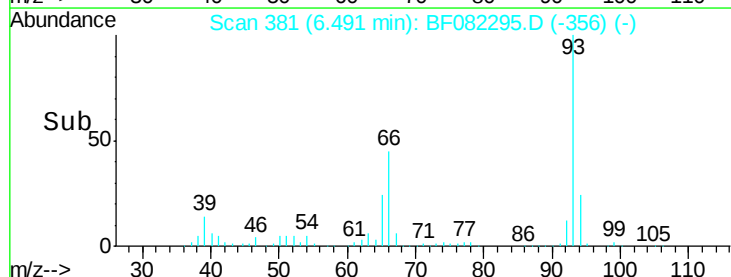
65 24.3 17.9 26.9

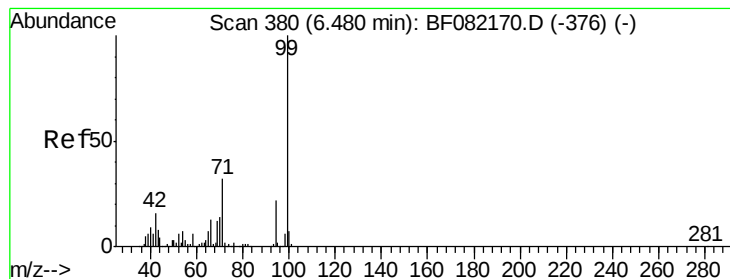


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.97 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

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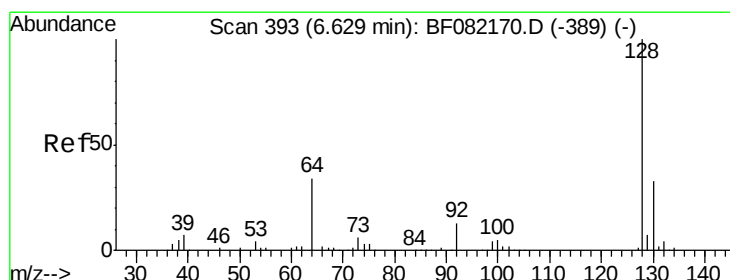
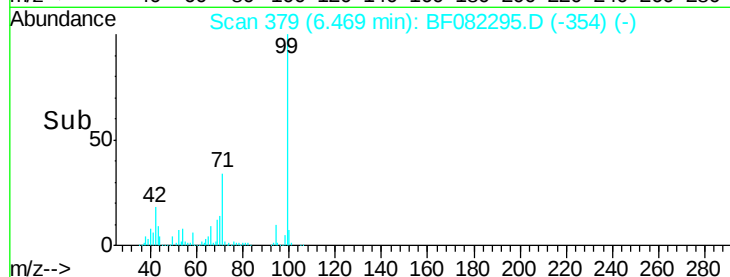
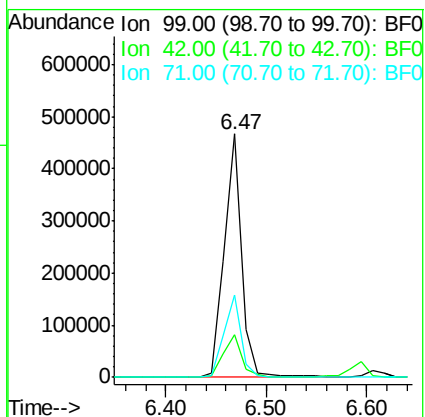
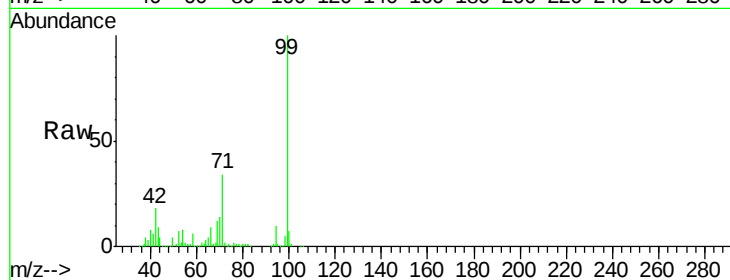
Tot Ion: 99 Resp: 560560

Ion Ratio Lower Upper

99 100

42 17.7 13.2 19.8

71 33.8 25.6 38.4



#8

2-Chlorophenol

Concen: 36.33 ng

RT: 6.61 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

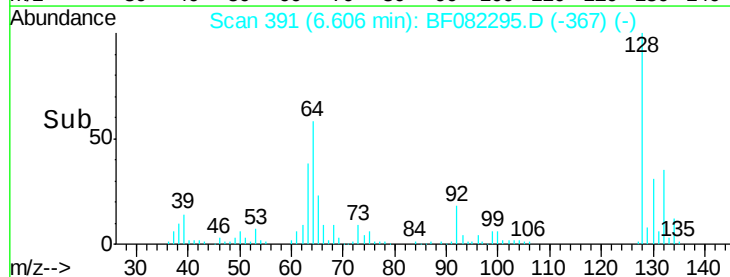
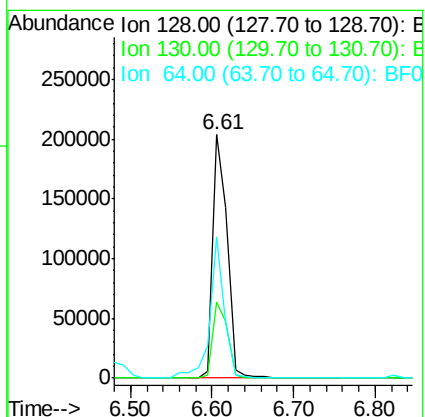
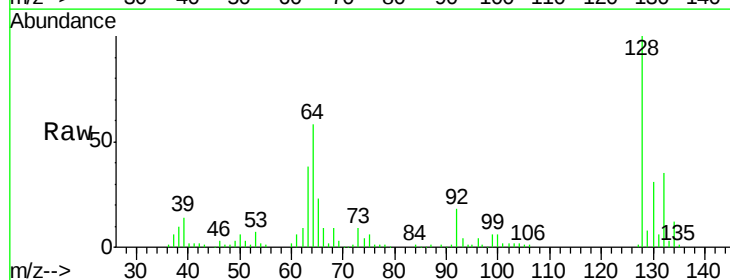
Tgt Ion: 128 Resp: 251475

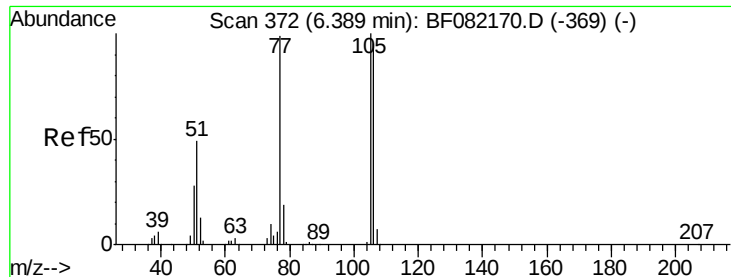
Ion Ratio Lower Upper

128 100

130 31.4 12.6 52.6

64 58.3 16.7 56.7#





#9

Benzaldehyde

Concen: 42.44 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

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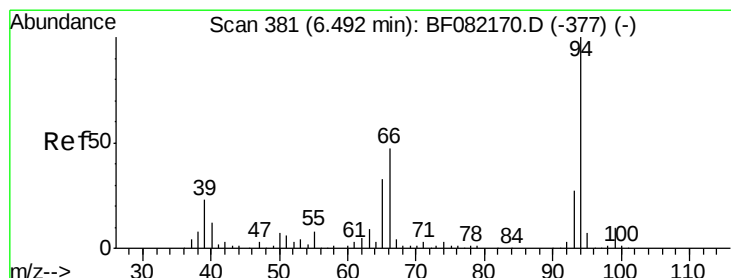
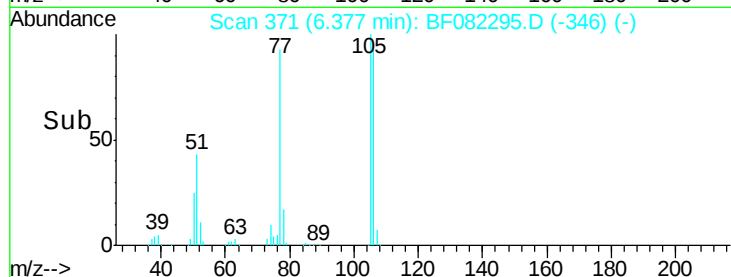
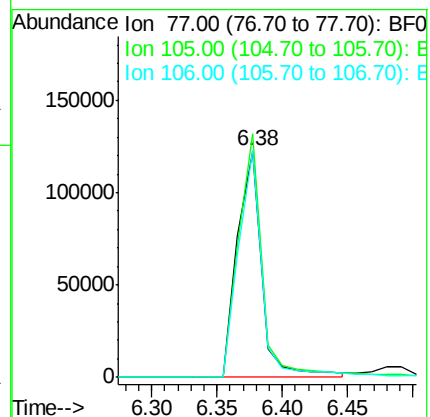
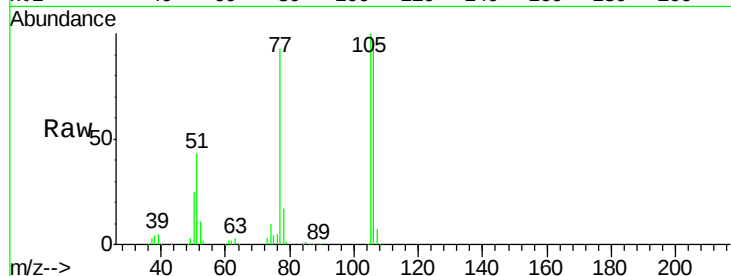
Tot Ion: 77 Resp: 159915

Ion Ratio Lower Upper

77 100

105 107.7 80.6 120.6

106 100.5 75.5 115.5



#10

Phenol

Concen: 36.01 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

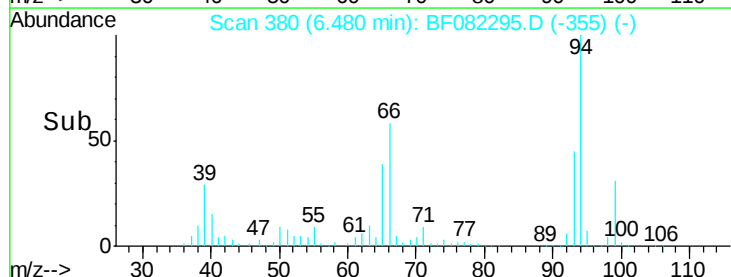
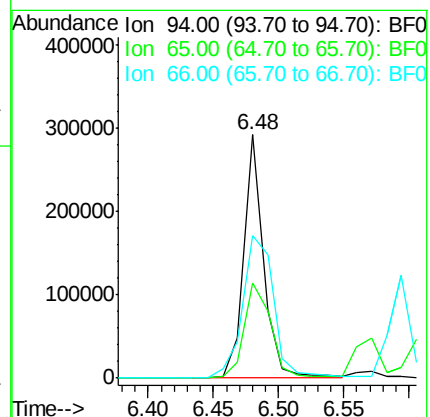
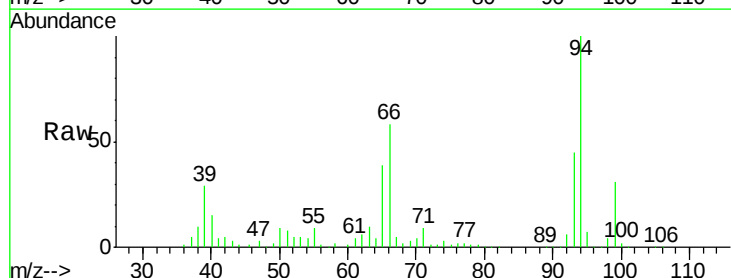
Tgt Ion: 94 Resp: 306321

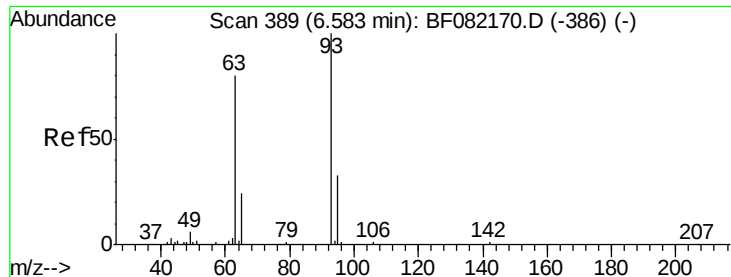
Ion Ratio Lower Upper

94 100

65 39.0 12.6 52.6

66 58.4 27.3 67.3





#11

bis(2-Chloroethyl)ether

Concen: 36.87 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

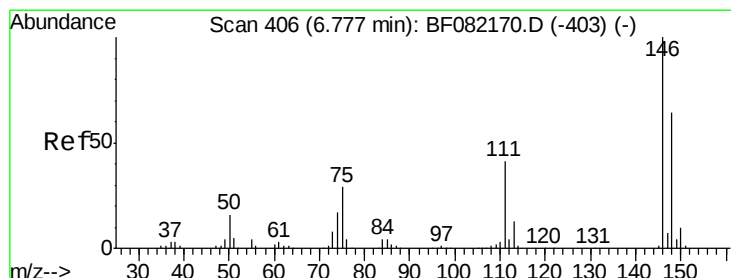
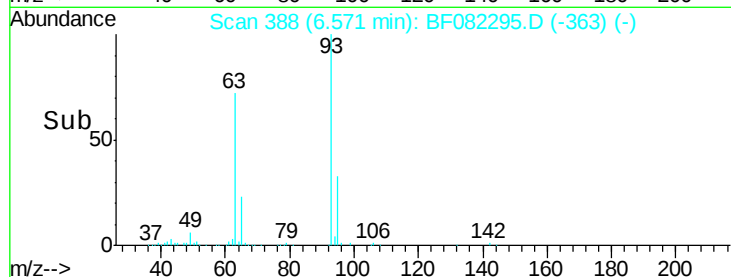
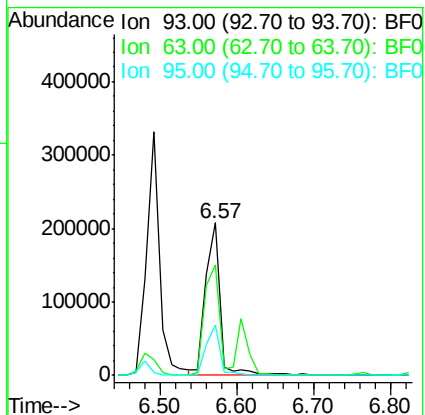
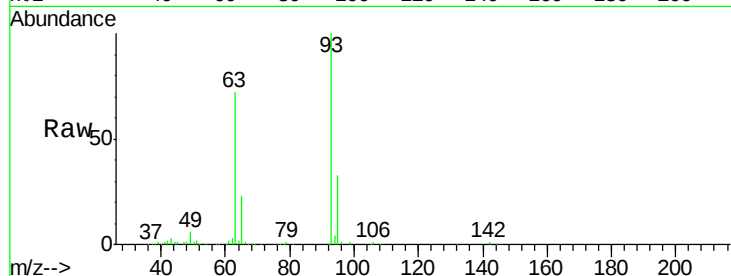
Tot Ion: 93 Resp: 265271

Ion Ratio Lower Upper

93 100

63 72.5 57.1 97.1

95 33.3 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 39.01 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

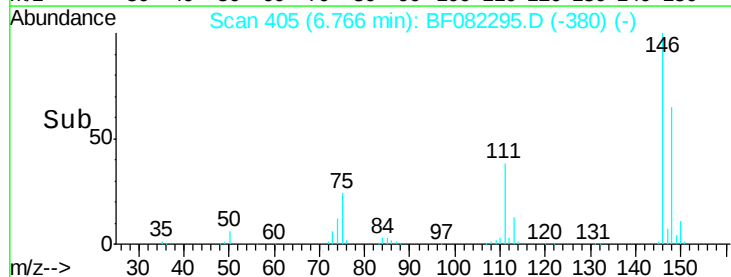
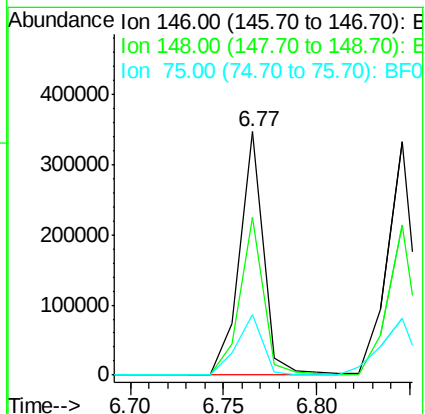
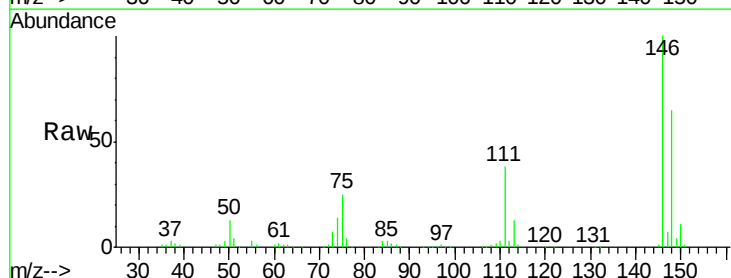
Tgt Ion: 146 Resp: 314475

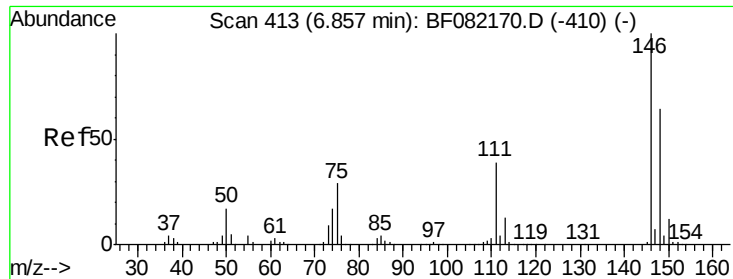
Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.2

75 25.0 23.0 34.6

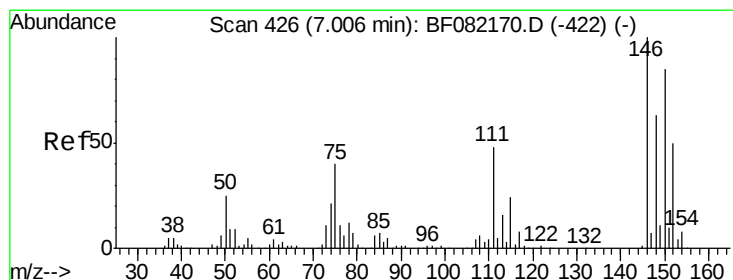
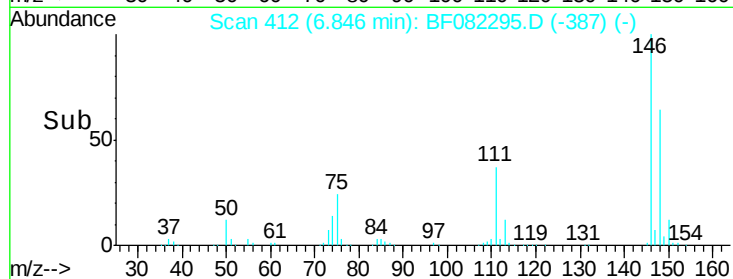
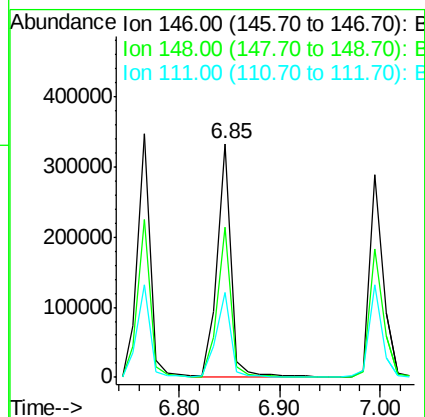
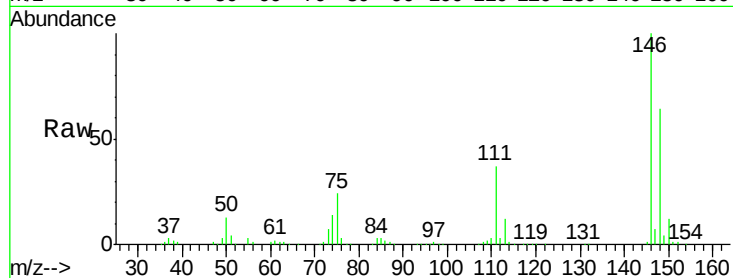




#13
 1,4-Dichlorobenzene
 Concen: 38.37 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

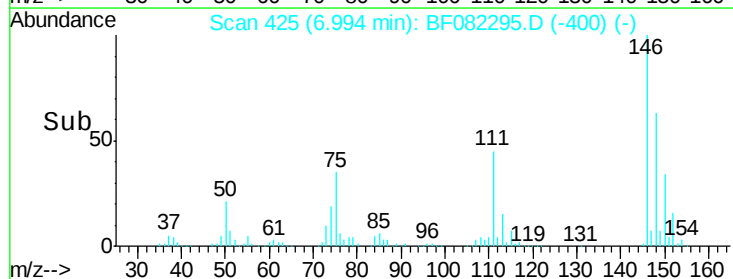
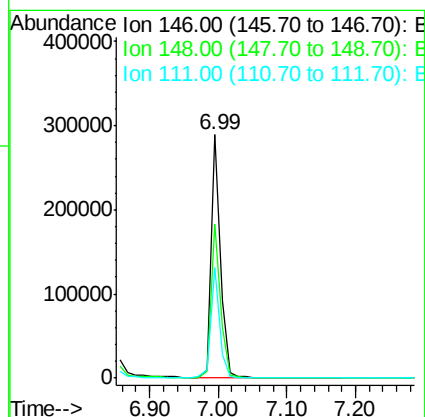
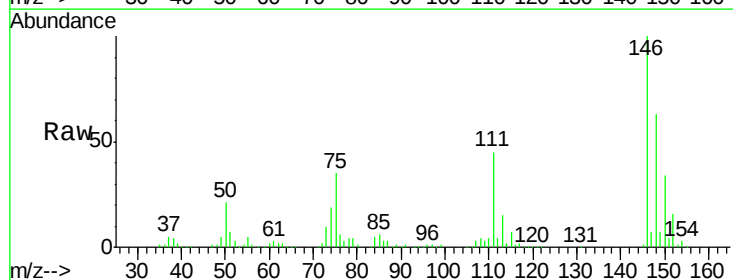
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

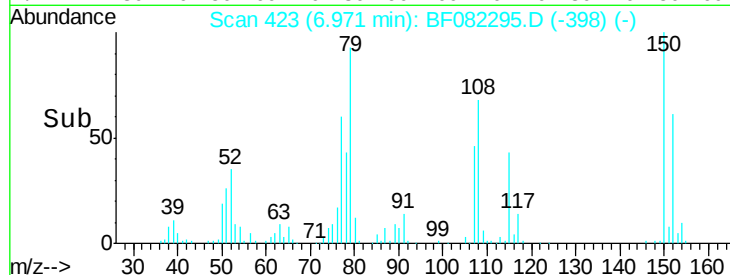
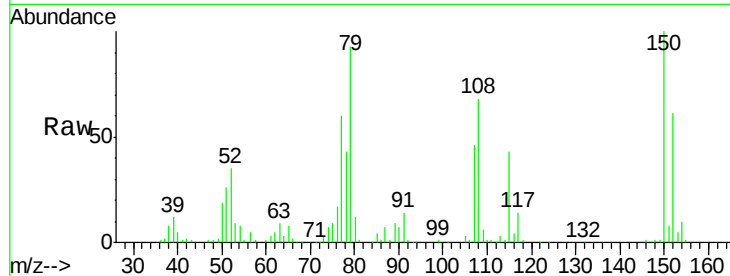
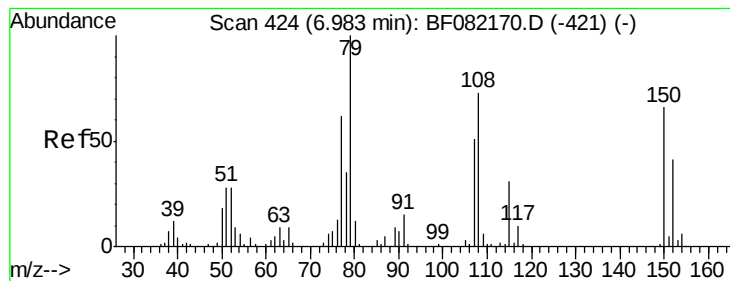
Tot Ion:146 Resp: 322978
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.4
 111 36.5 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 34.69 ng
 RT: 6.99 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion:146 Resp: 277290
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.5 75.7
 111 45.5 38.5 57.7





#15

Benzyl Alcohol

Concen: 39.88 ng

RT: 6.97 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

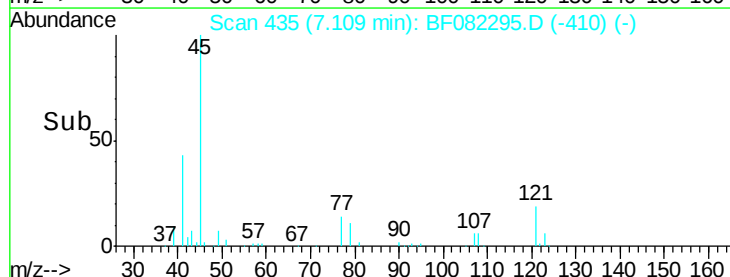
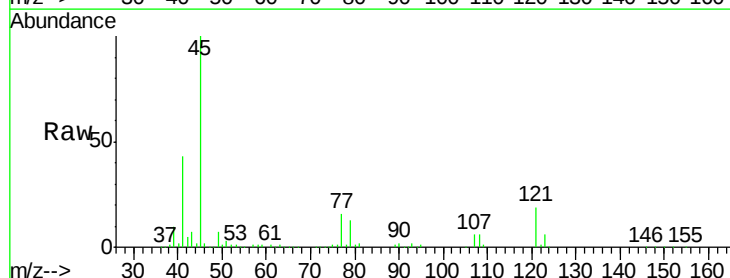
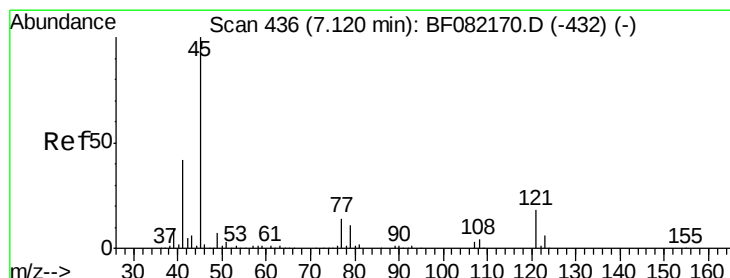
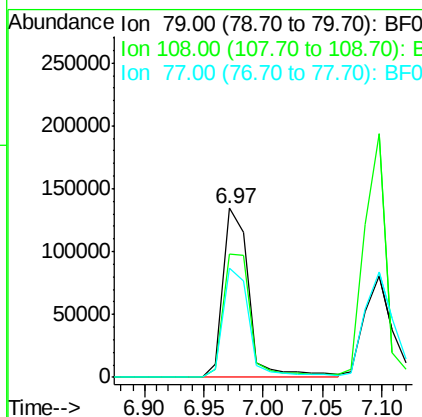
Tot Ion: 79 Resp: 203141

Ion Ratio Lower Upper

79 100

108 72.9 58.4 87.6

77 64.4 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.63 ng

RT: 7.11 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

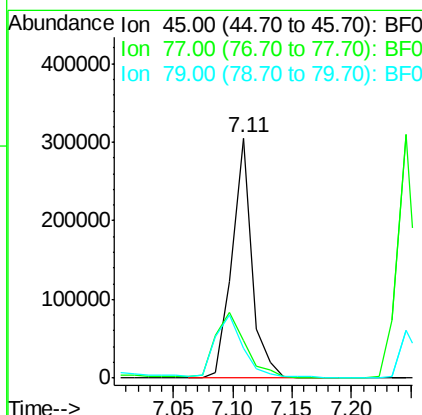
Tgt Ion: 45 Resp: 356906

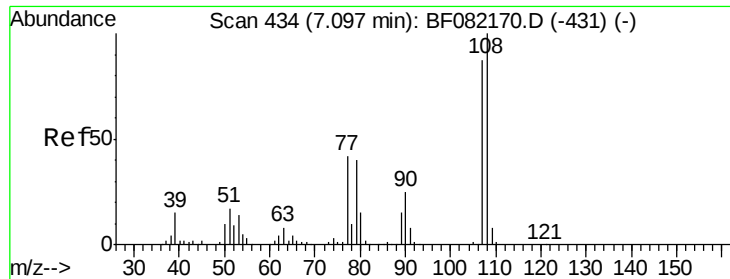
Ion Ratio Lower Upper

45 100

77 15.6 0.0 34.5

79 12.5 0.0 31.6

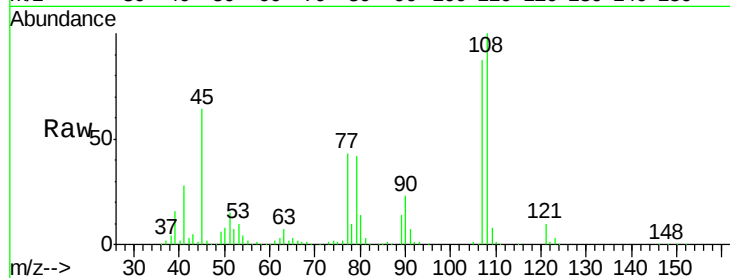




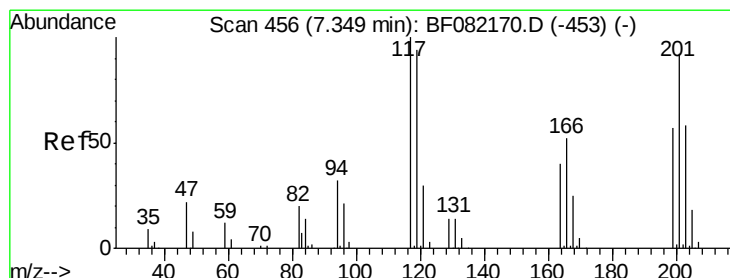
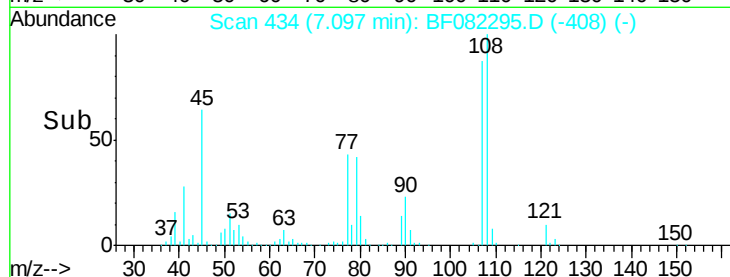
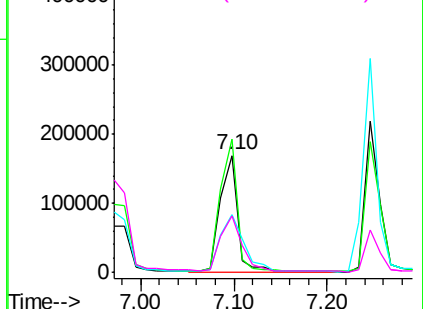
#17
2-Methylphenol
Concen: 39.52 ng
RT: 7.10 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 216324
Ion Ratio Lower Upper
107 100
108 114.5 92.2 138.2
77 49.7 39.6 59.4
79 47.9 38.2 57.4

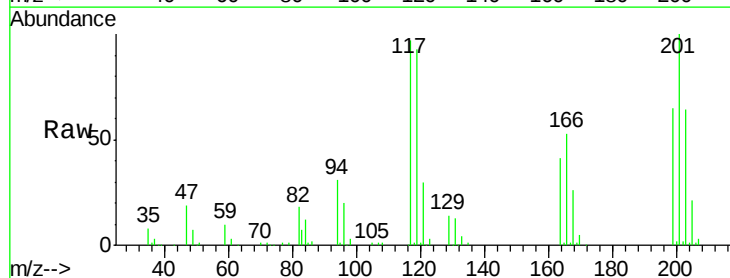


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

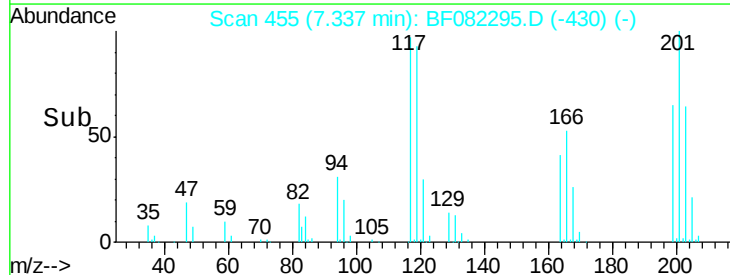
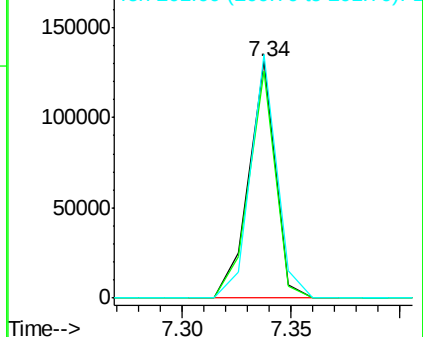


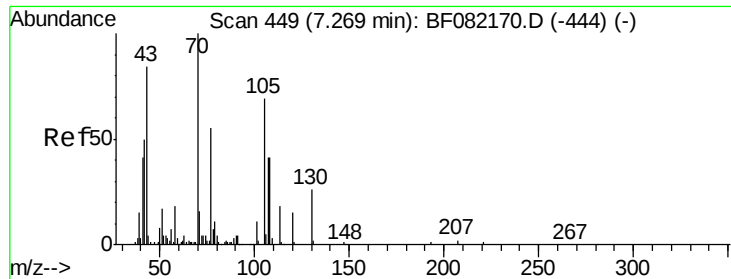
#18
Hexachloroethane
Concen: 38.97 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion:117 Resp: 112286
Ion Ratio Lower Upper
117 100
119 95.6 75.4 113.2
201 102.8 73.4 110.0



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

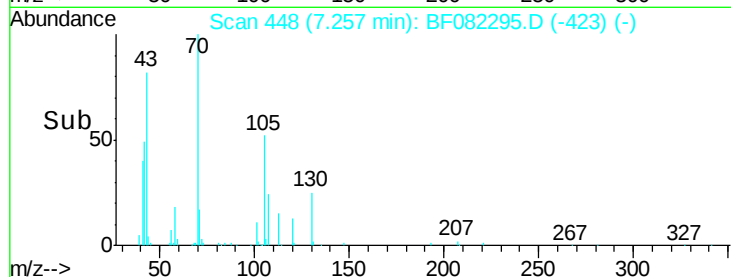
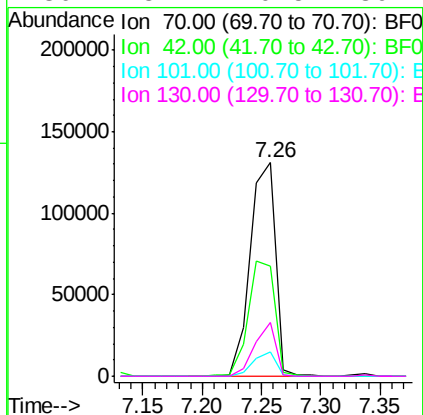
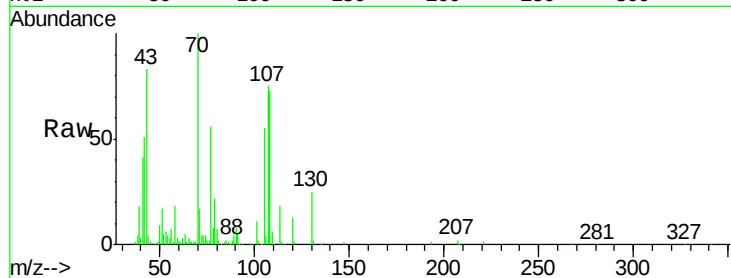




#19
n-Nitroso-di-n-propylamine
Concen: 37.86 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

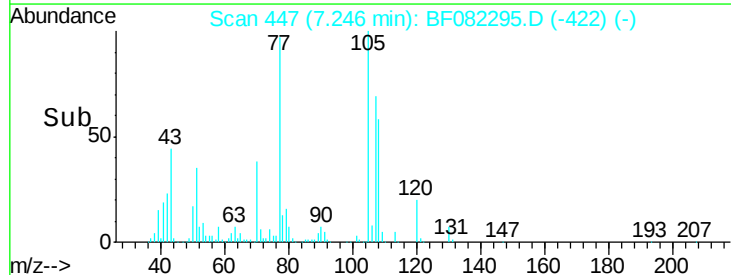
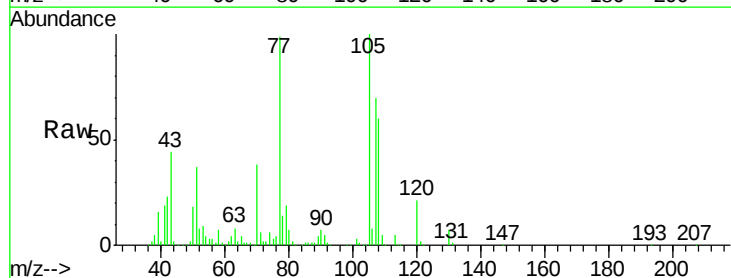
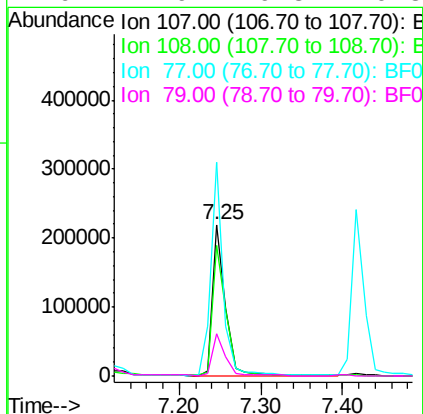
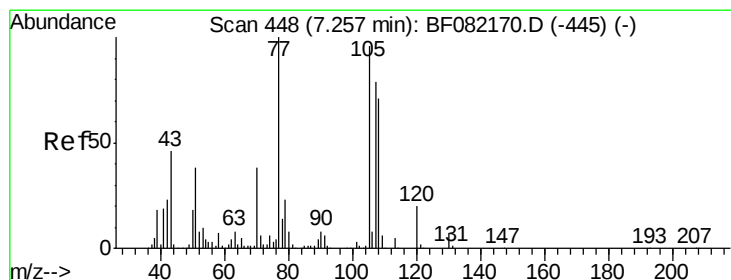
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

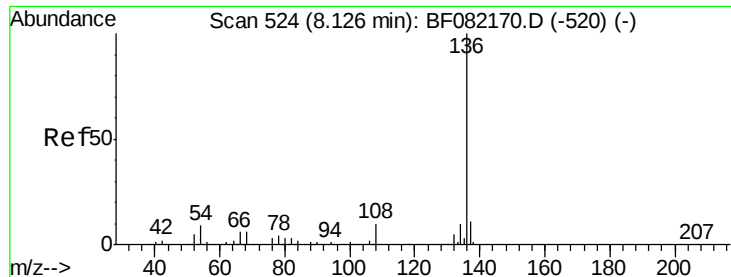
Tot Ion:	70	Resp:	196195
Ion	Ratio	Lower	Upper
70	100		
42	51.4	39.8	59.8
101	11.3	8.6	13.0
130	25.2	20.5	30.7



#20
3+4-Methylphenols
Concen: 36.51 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion:	107	Resp:	238157
Ion	Ratio	Lower	Upper
107	100		
108	86.5	69.9	109.9
77	141.4	106.0	146.0
79	27.9	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: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 447792

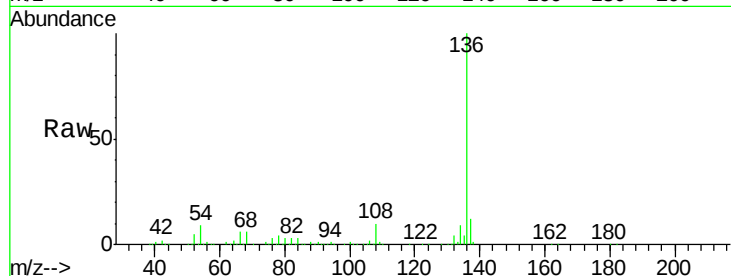
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 9.2 7.5 11.3

68 5.8 4.6 7.0

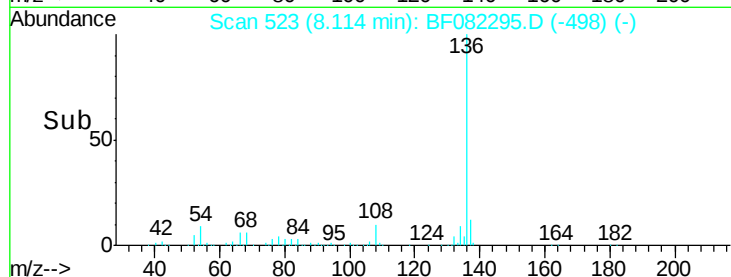


Abundance Ion 136.00 (135.70 to 136.70): E

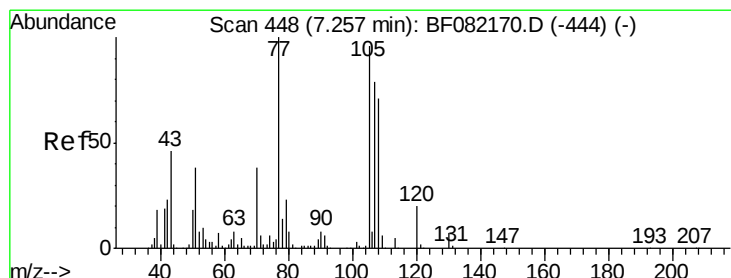
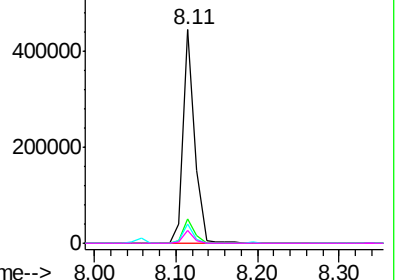
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 39.25 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Tgt Ion:105 Resp: 347697

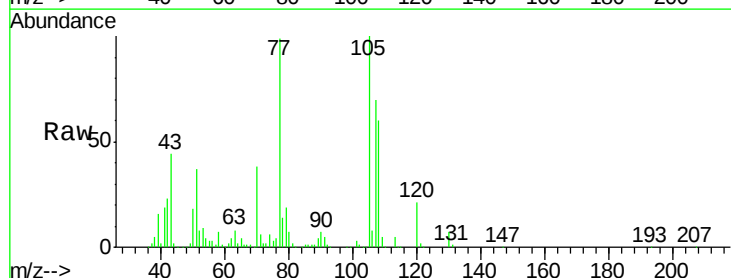
Ion Ratio Lower Upper

105 100

71 6.2 5.4 8.0

51 36.8 31.8 47.6

120 20.5 16.3 24.5

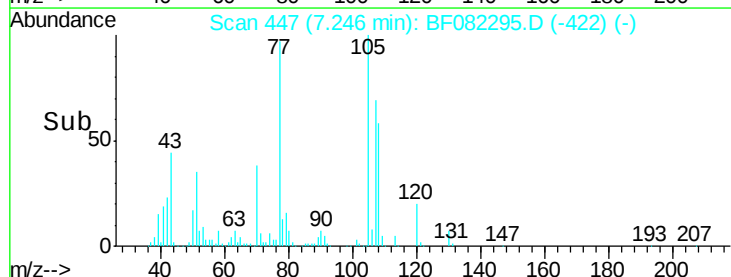


Abundance Ion 105.00 (104.70 to 105.70): E

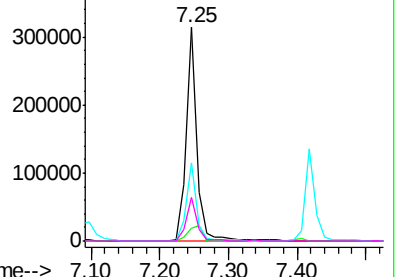
Ion 71.00 (70.70 to 71.70): BF0

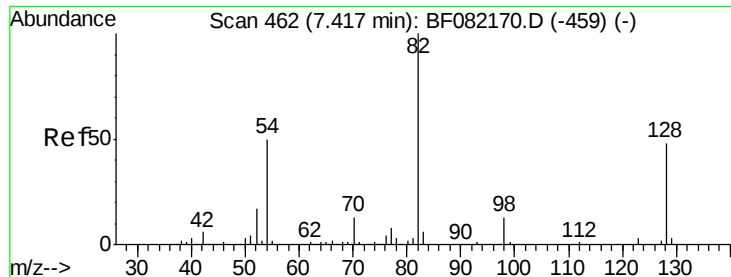
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

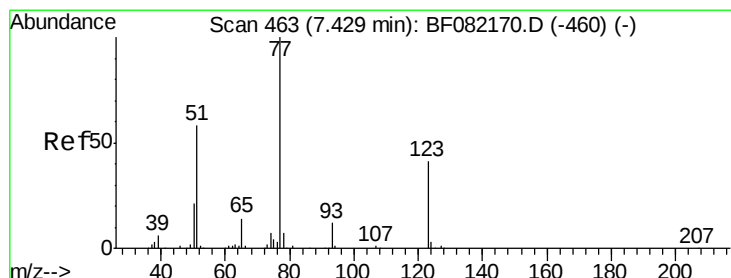
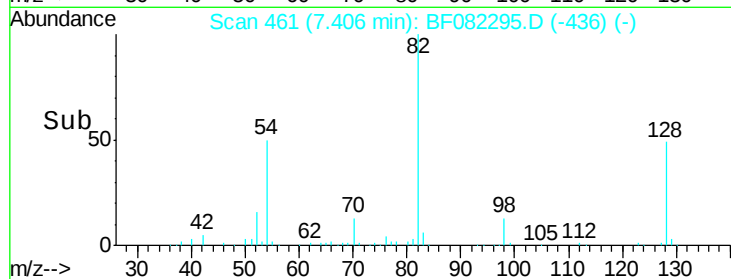
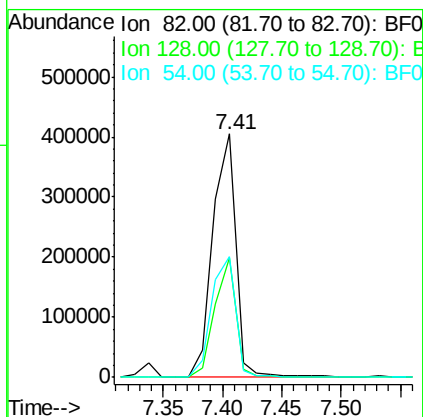
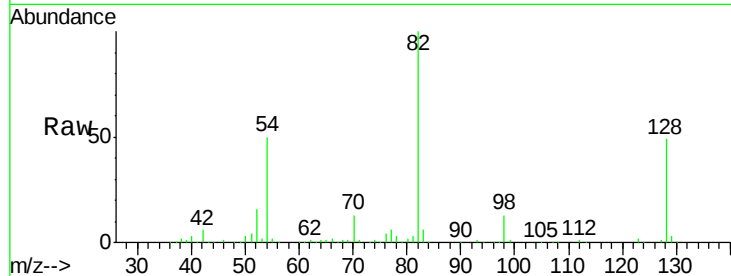




#23
 Nitrobenzene-d5
 Concen: 81.65 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

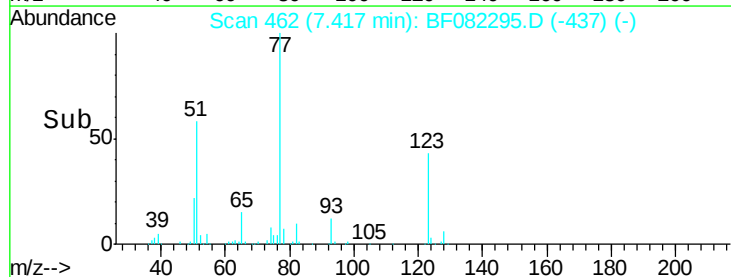
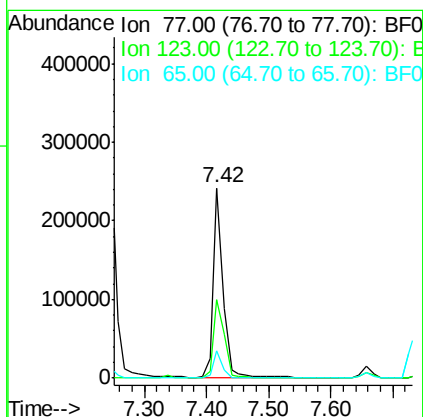
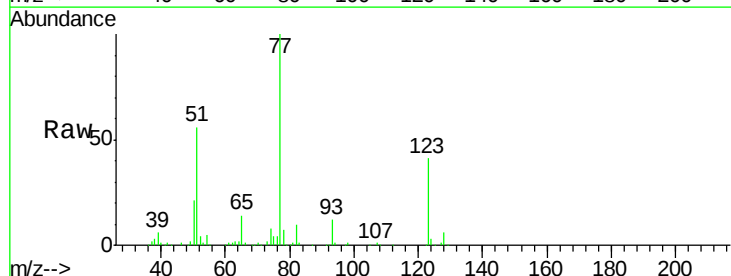
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

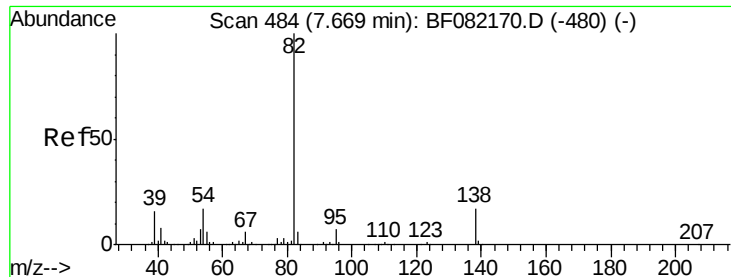
Tot Ion	82	Resp	544435
Ion Ratio	Lower	Upper	
82	100		
128	49.2	38.7	58.1
54	49.8	40.1	60.1



#24
 Nitrobenzene
 Concen: 35.95 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion	77	Resp	259480
Ion Ratio	Lower	Upper	
77	100		
123	41.4	33.0	49.4
65	14.2	11.2	16.8





#25

Isophorone

Concen: 38.73 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

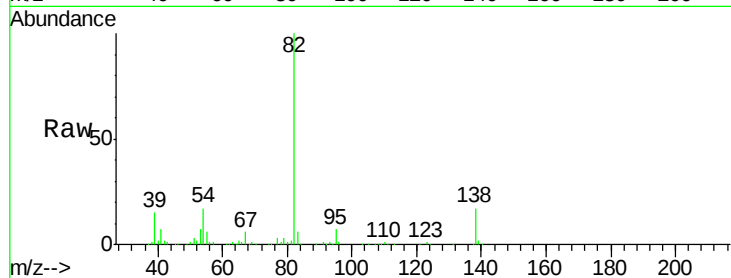
Tot Ion: 82 Resp: 521293

Ion Ratio Lower Upper

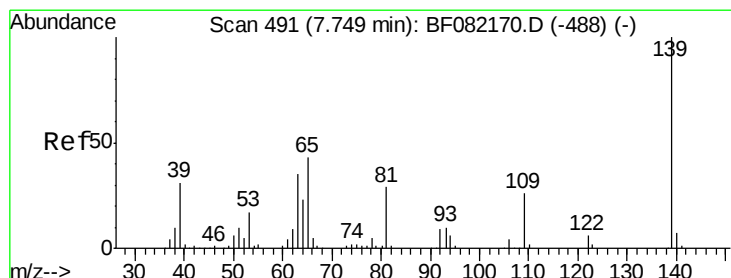
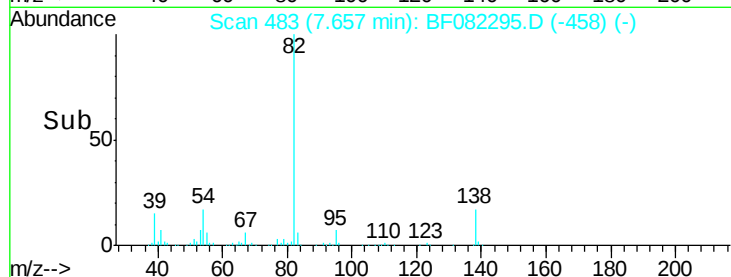
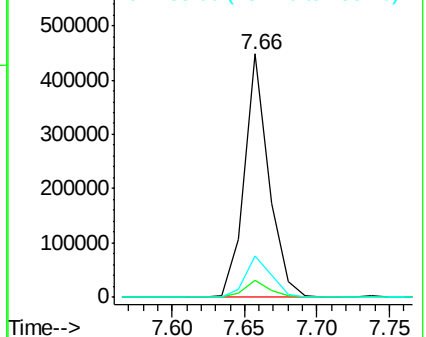
82 100

95 7.1 5.6 8.4

138 16.8 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: 44.39 ng

RT: 7.74 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

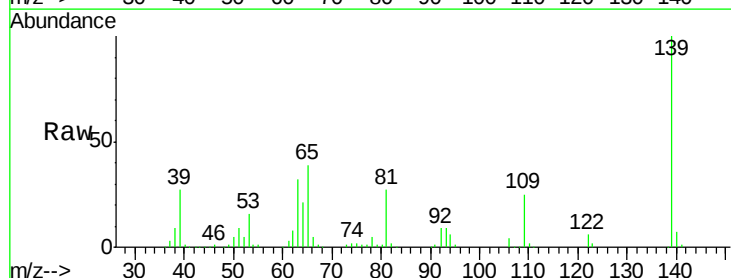
Tgt Ion: 139 Resp: 159968

Ion Ratio Lower Upper

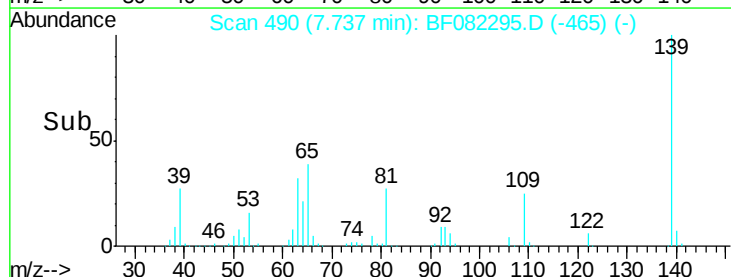
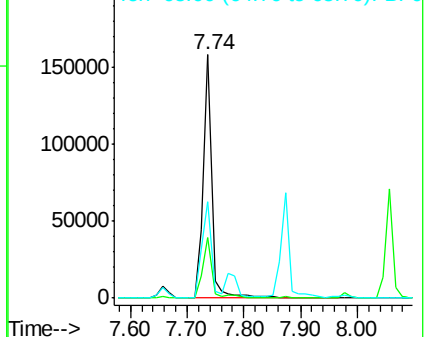
139 100

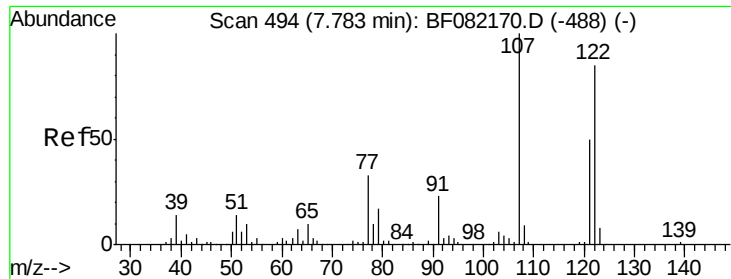
109 25.0 20.6 31.0

65 39.4 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: 41.25 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

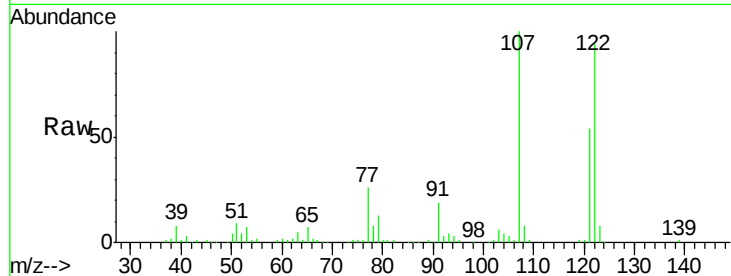
Tot Ion:122 Resp: 239522

Ion Ratio Lower Upper

122 100

107 106.2 94.0 141.0

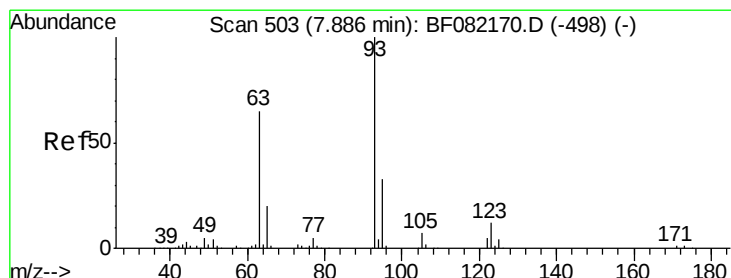
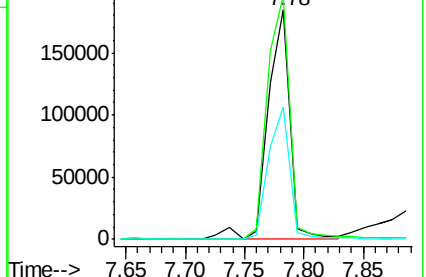
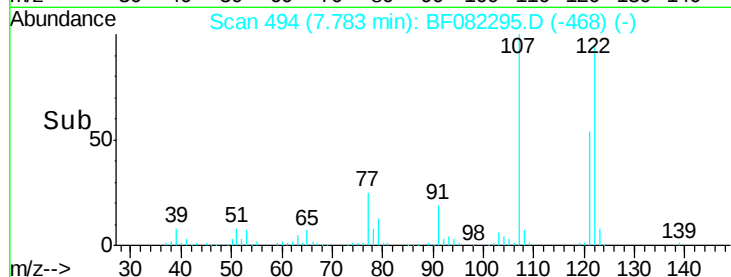
121 57.6 46.8 70.2



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: 41.77 ng

RT: 7.87 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

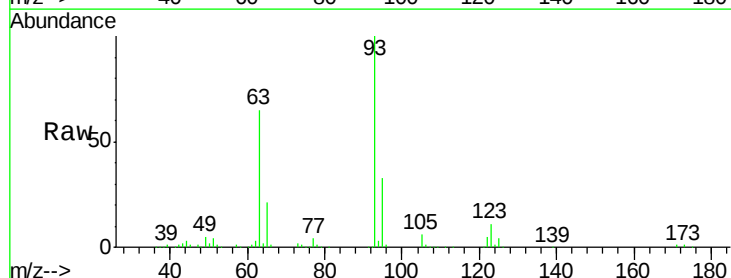
Tgt Ion: 93 Resp: 327102

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

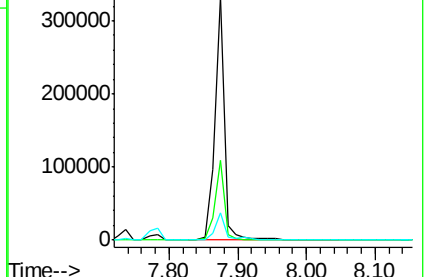
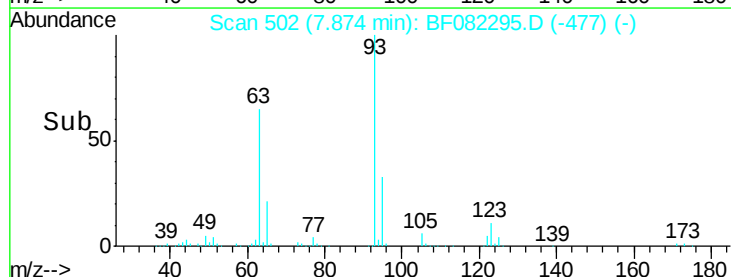
123 11.1 9.5 14.3

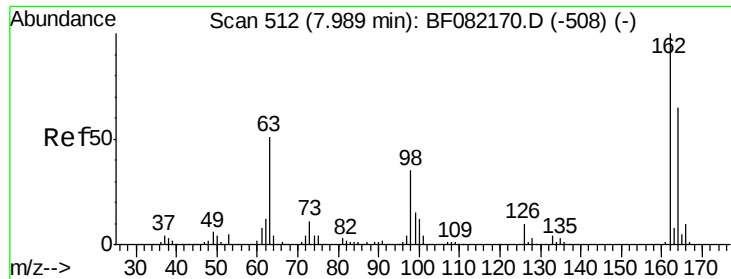


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

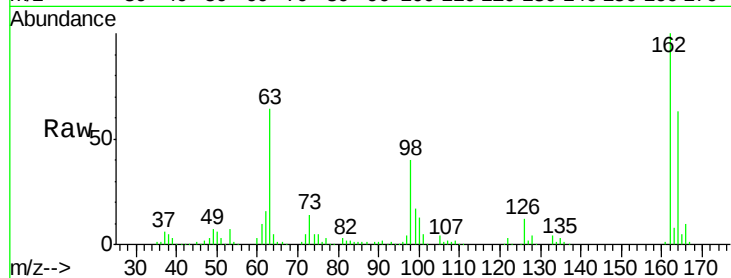




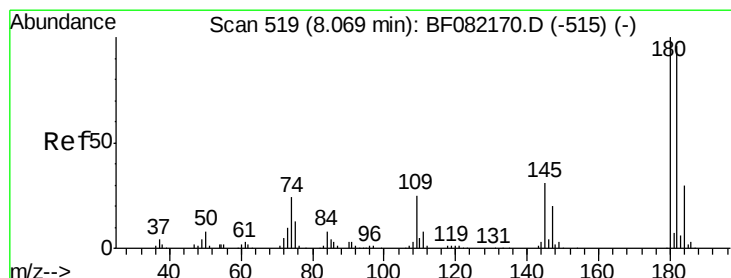
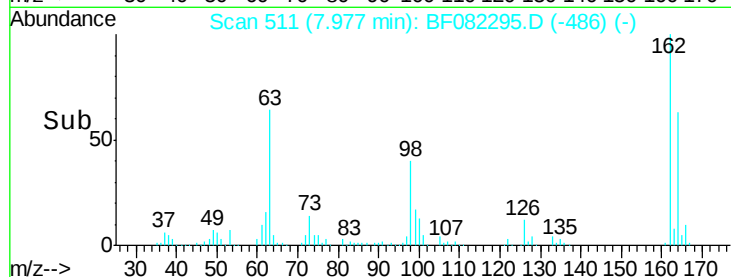
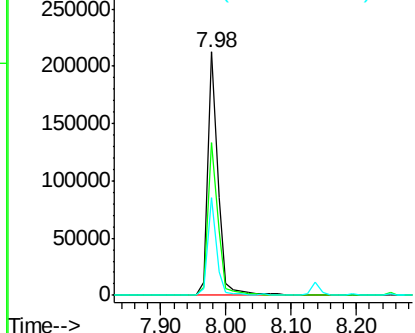
#29
 2,4-Dichlorophenol
 Concen: 40.01 ng
 RT: 7.98 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	40.2	15.0	55.0

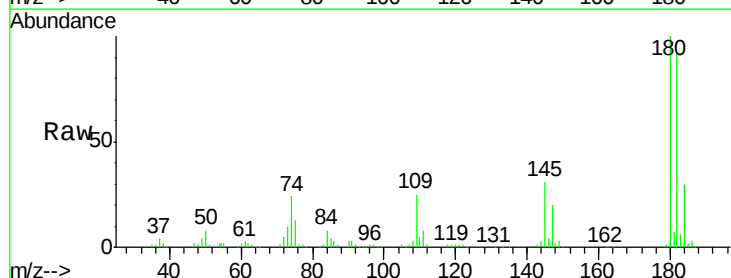


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

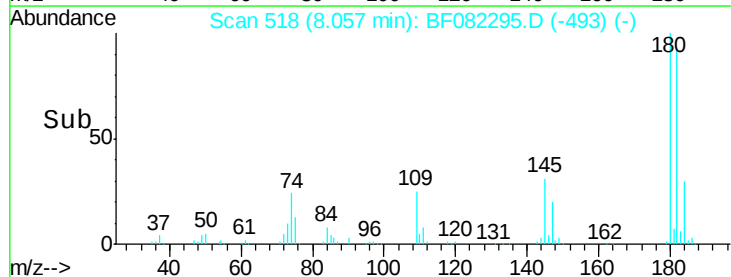
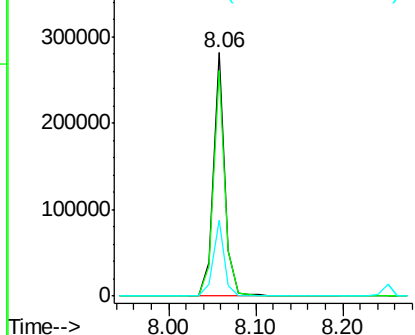


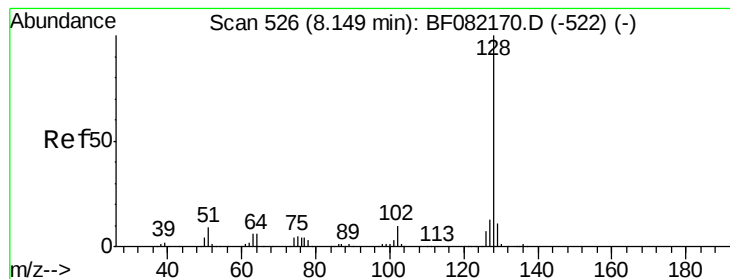
#30
 1,2,4-Trichlorobenzene
 Concen: 39.21 ng
 RT: 8.06 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	77.0	115.4
145	31.1	25.0	37.4



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





#31

Naphthalene

Concen: 36.70 ng

RT: 8.14 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

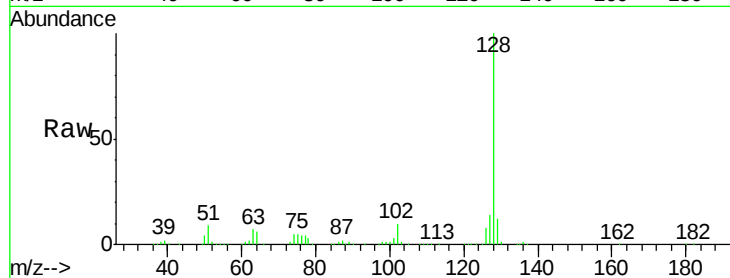
Tot Ion:128 Resp: 712300

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

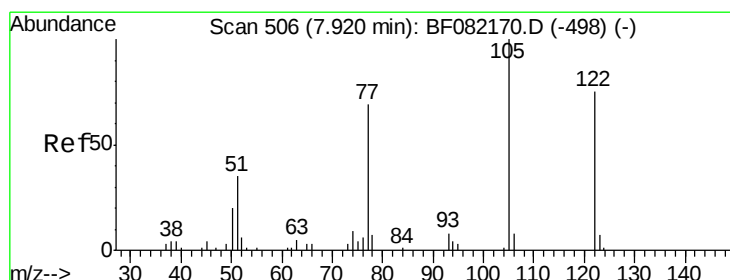
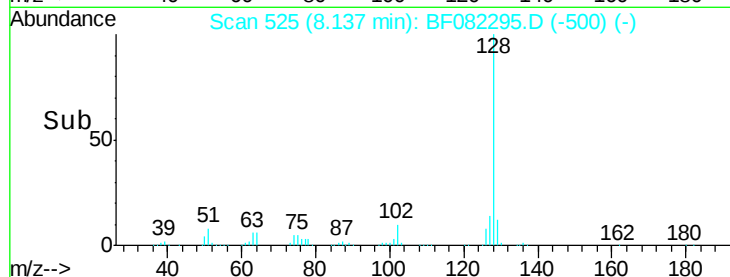
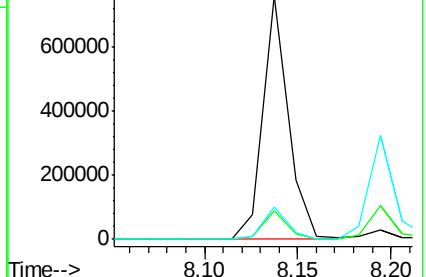
127 13.5 10.7 16.1



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: 26.87 ng

RT: 7.91 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

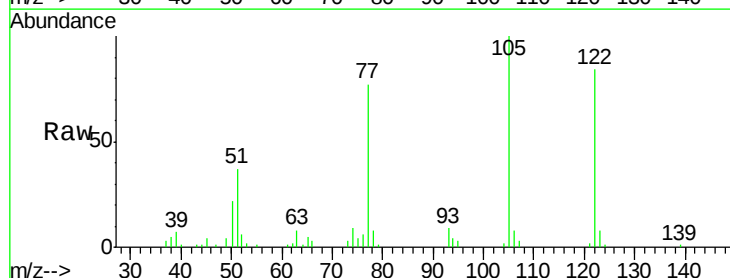
Tgt Ion:122 Resp: 104707

Ion Ratio Lower Upper

122 100

105 118.5 104.4 144.4

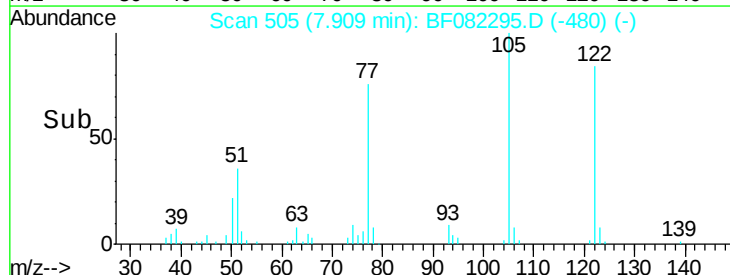
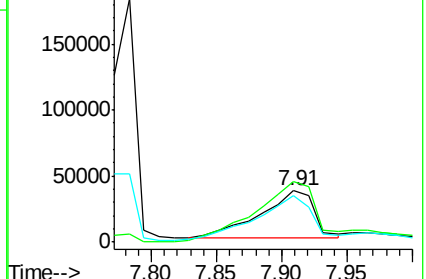
77 91.7 69.0 109.0

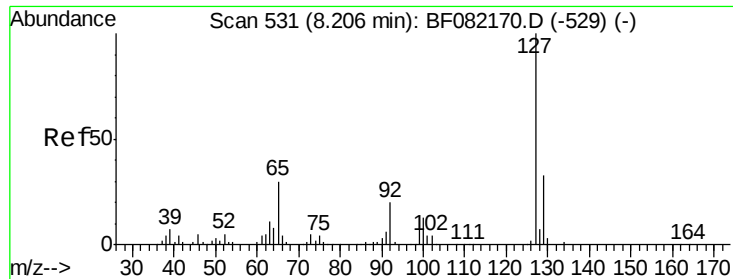


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

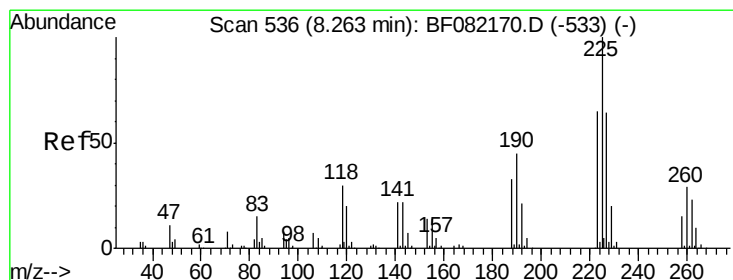
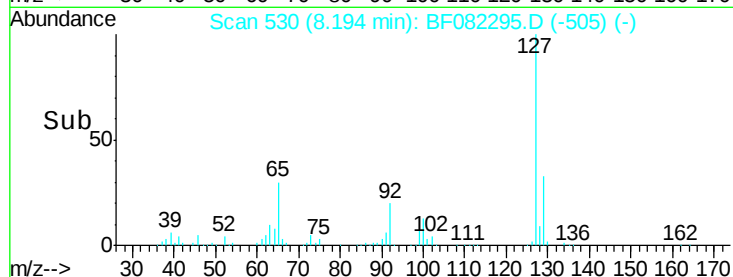
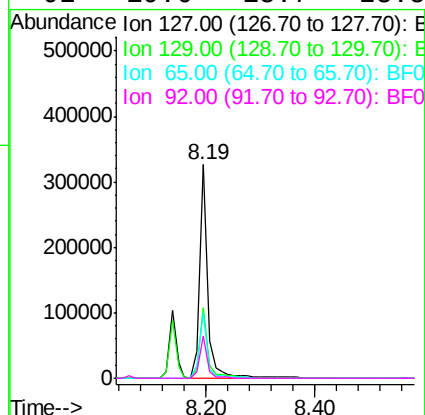
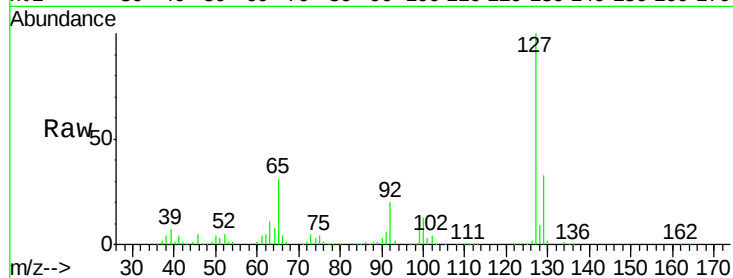




#33
4-Chloroaniline
Concen: 40.67 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

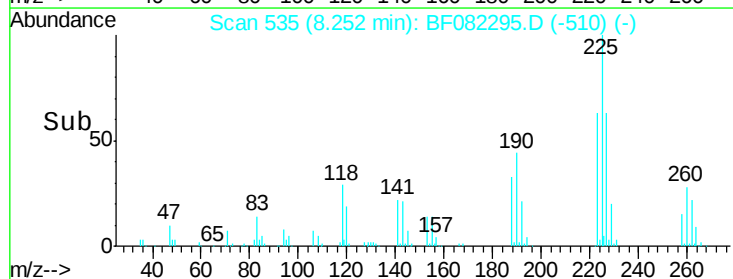
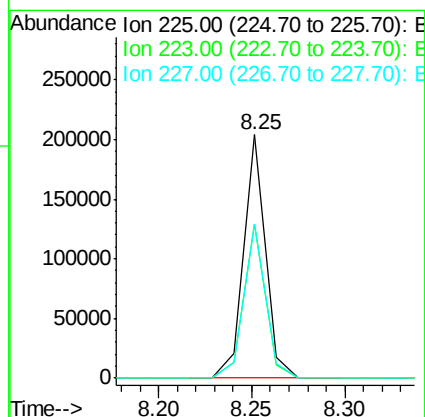
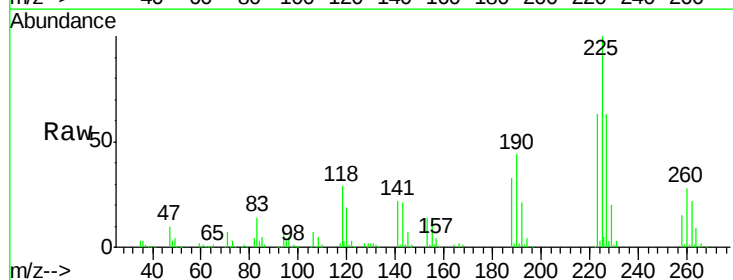
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

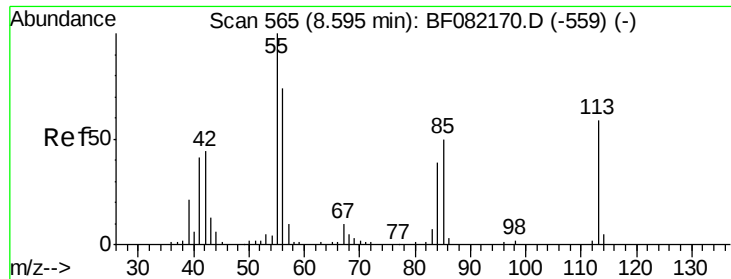
Tot Ion:	127	Resp:	327887
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	30.7	24.4	36.6
92	19.6	15.7	23.5



#34
Hexachlorobutadiene
Concen: 39.97 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion:	225	Resp:	166627
Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.2	78.2
227	63.3	51.3	76.9





#35

Caprolactam

Concen: 38.70 ng

RT: 8.58 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

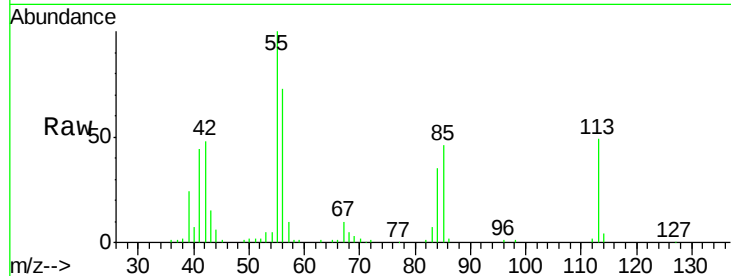
Tot Ion:113 Resp: 65192

Ion Ratio Lower Upper

113 100

55 203.5 149.7 189.7#

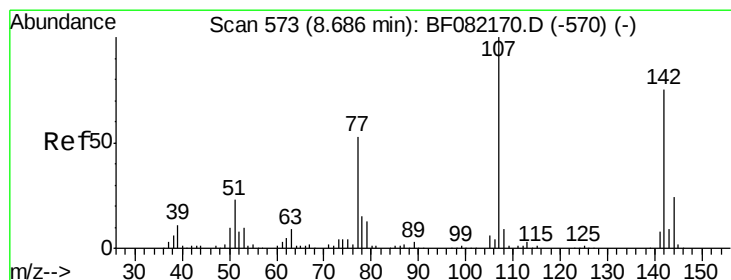
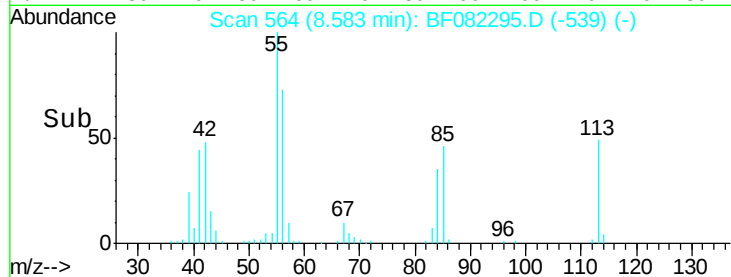
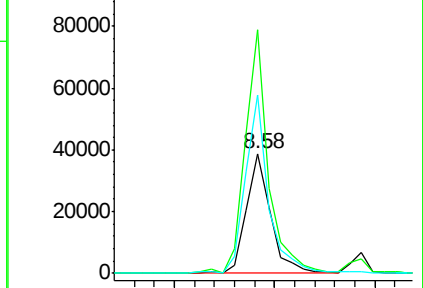
56 148.7 105.4 145.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.55 ng

RT: 8.69 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

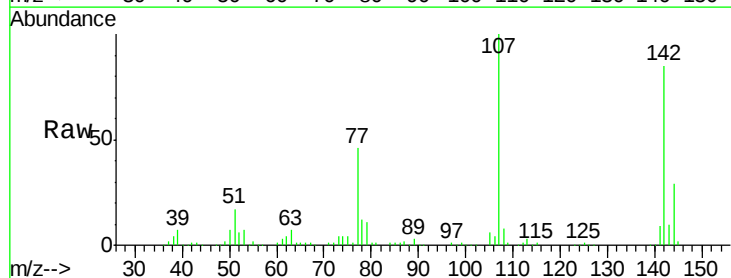
Tgt Ion:107 Resp: 247200

Ion Ratio Lower Upper

107 100

144 28.8 19.3 28.9

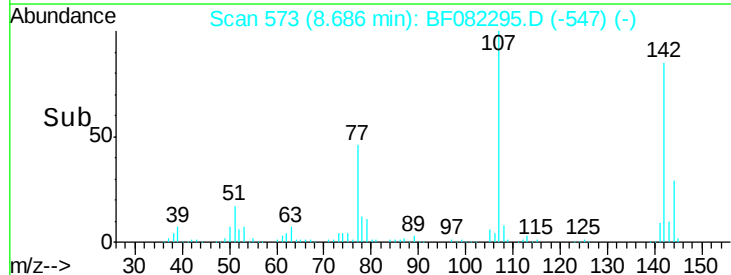
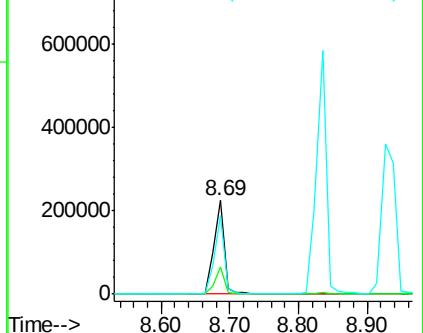
142 84.6 59.9 89.9

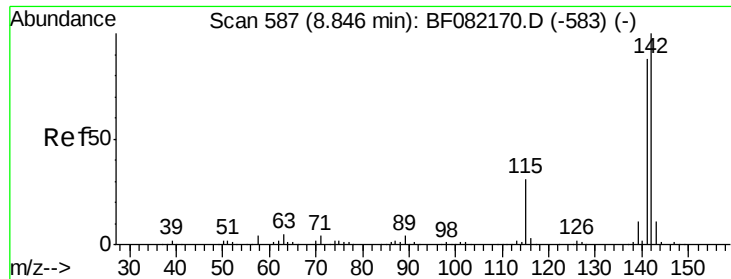


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

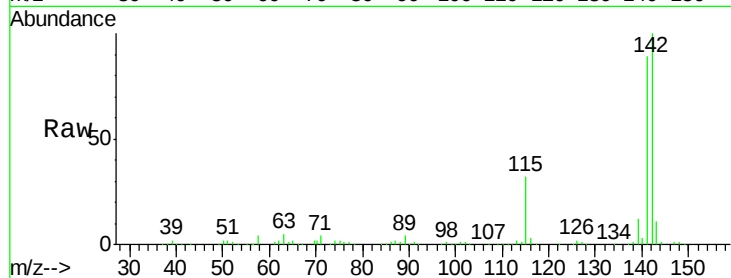




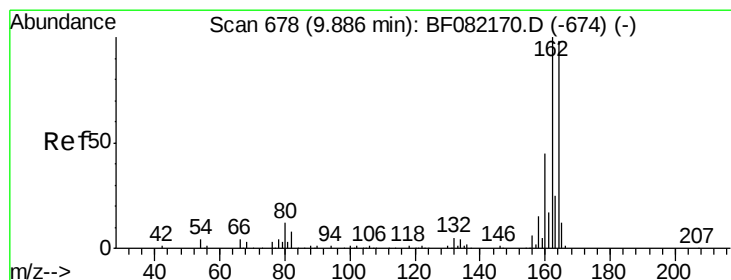
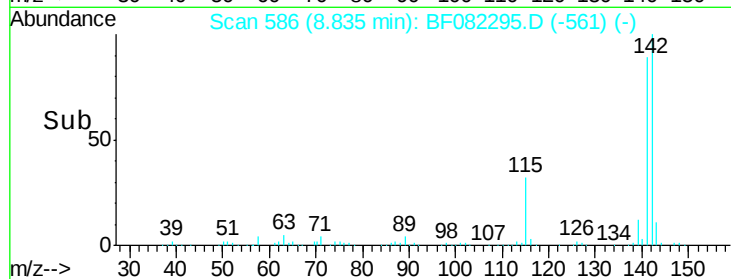
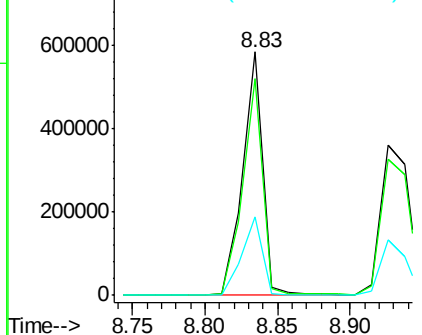
#37
2-Methylnaphthalene
Concen: 41.81 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	32.4	24.6	37.0

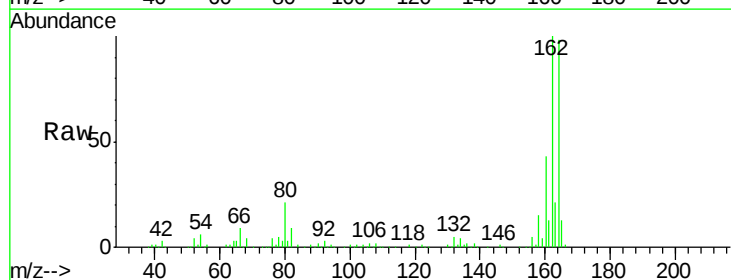


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

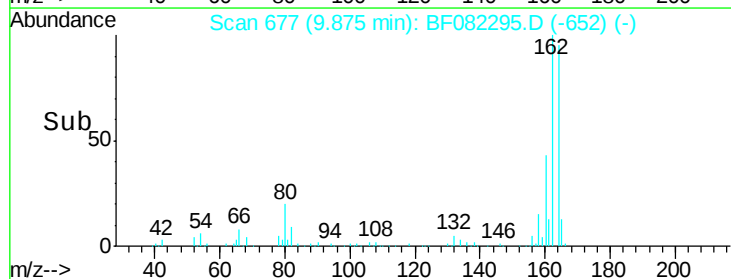
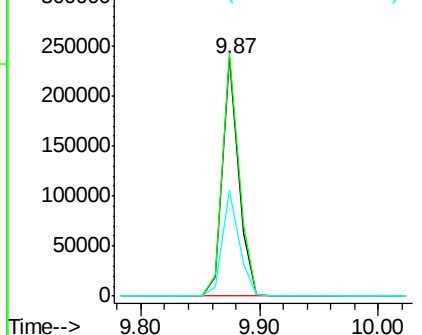


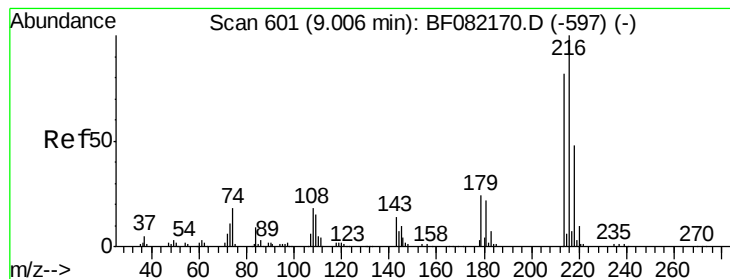
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.6	122.4
160	44.2	36.4	54.6



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.45 ng

RT: 8.99 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 247621

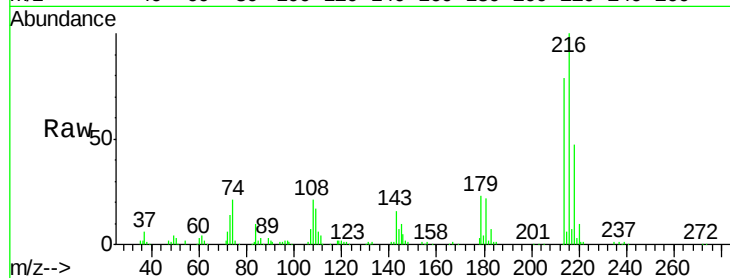
Ion Ratio Lower Upper

216 100

214 78.5 64.6 97.0

179 20.8 17.6 26.4

108 17.5 14.5 21.7

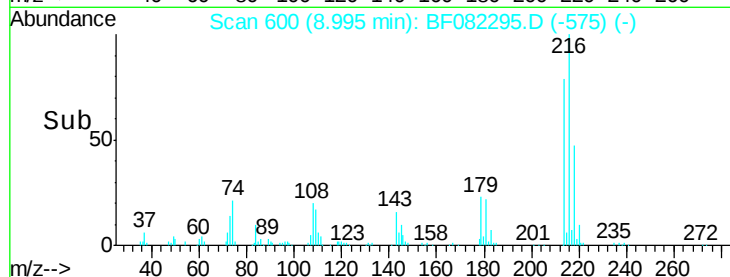


Abundance Ion 216.00 (215.70 to 216.70): E

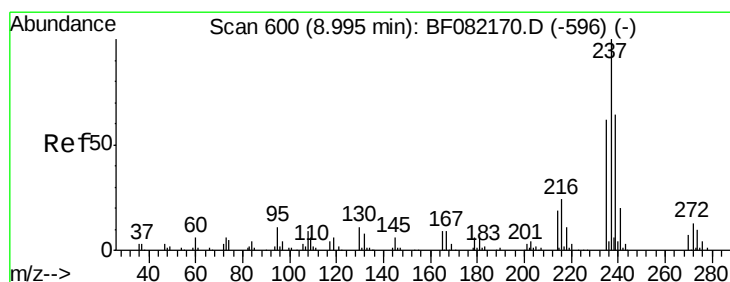
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 30.18 ng

RT: 8.98 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

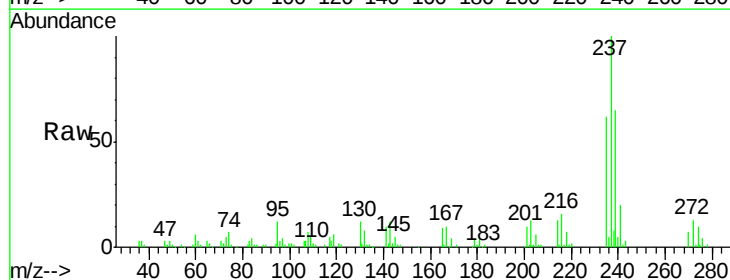
Tgt Ion:237 Resp: 81690

Ion Ratio Lower Upper

237 100

235 62.1 41.7 81.7

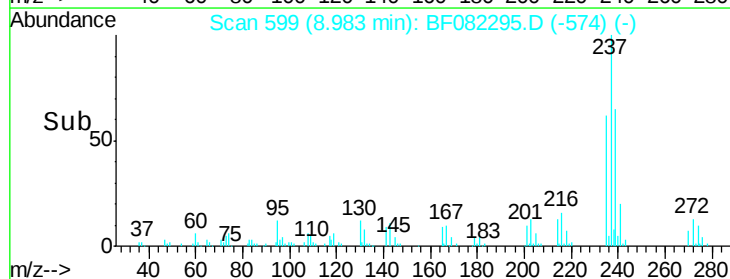
272 12.8 0.0 32.8



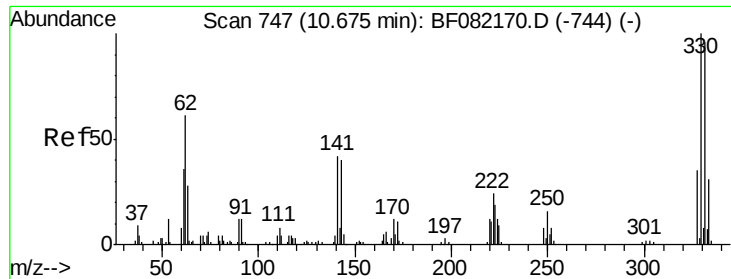
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



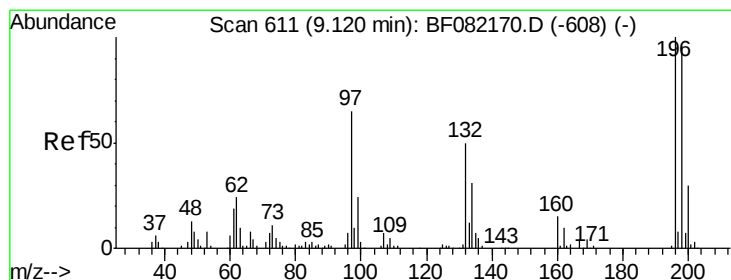
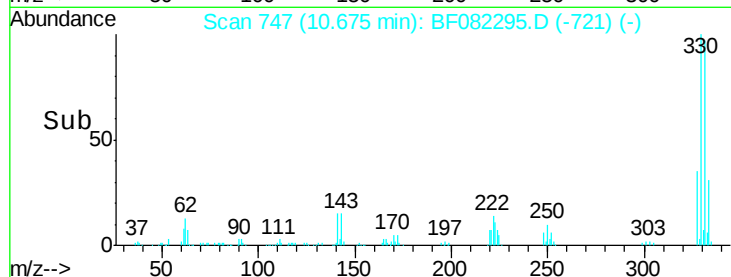
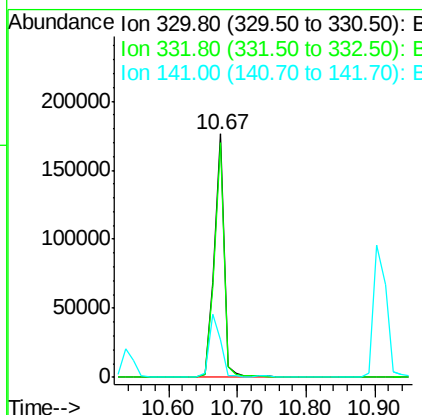
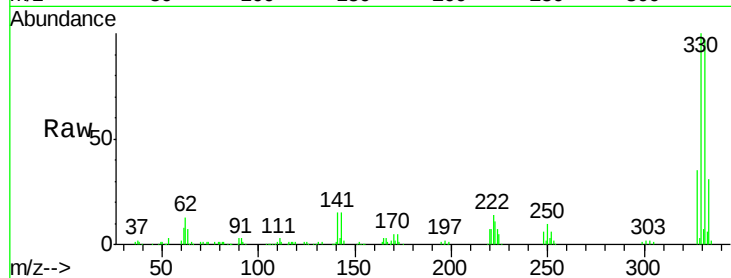
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 87.56 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

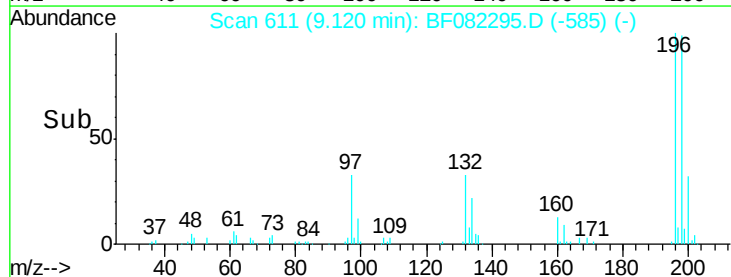
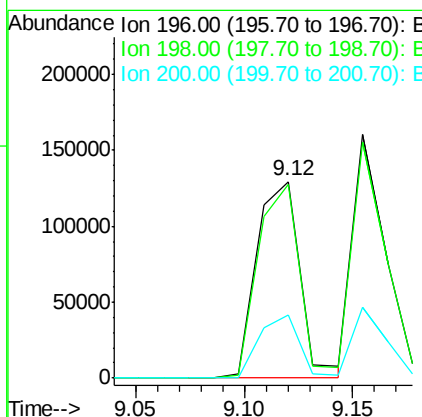
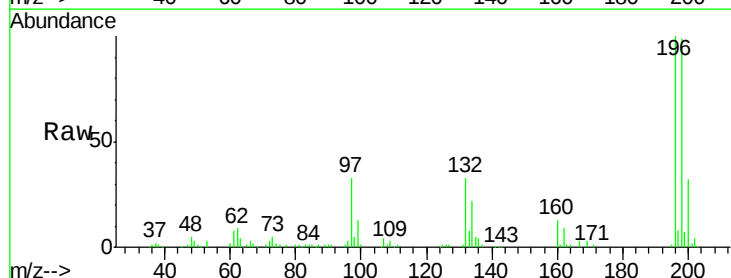
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

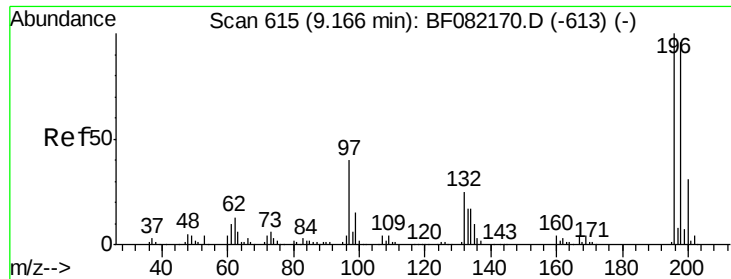
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	30.0	29.8	44.8



#42
 2,4,6-Trichlorophenol
 Concen: 40.97 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	76.6	115.0
200	32.0	23.7	35.5

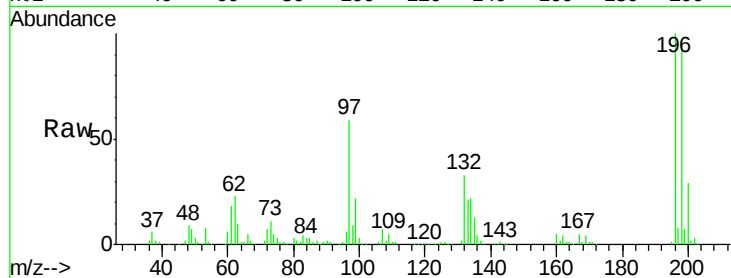




#43
 2,4,5-Trichlorophenol
 Concen: 37.30 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.0	115.4
97	59.5	31.9	47.9#
132	33.5	20.3	30.5#



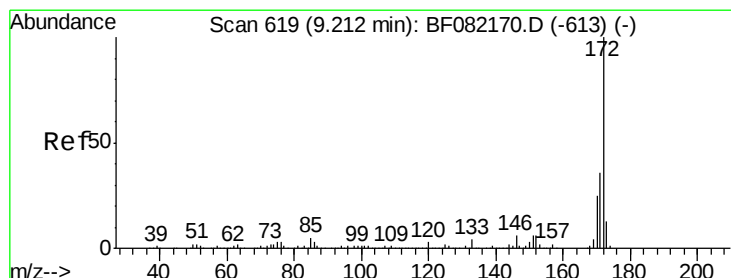
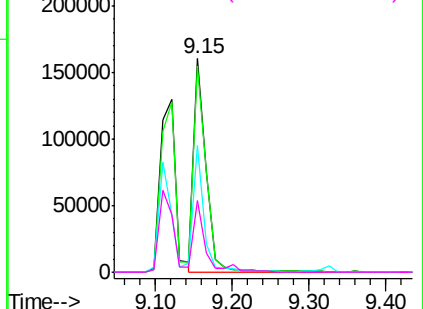
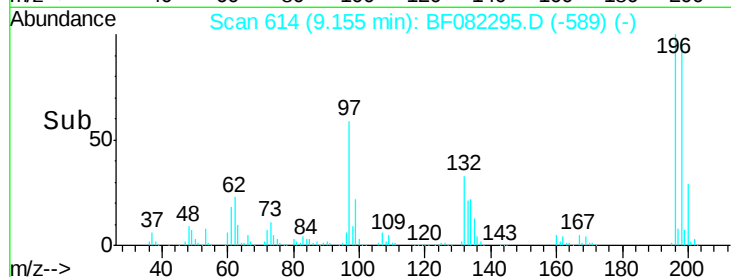
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

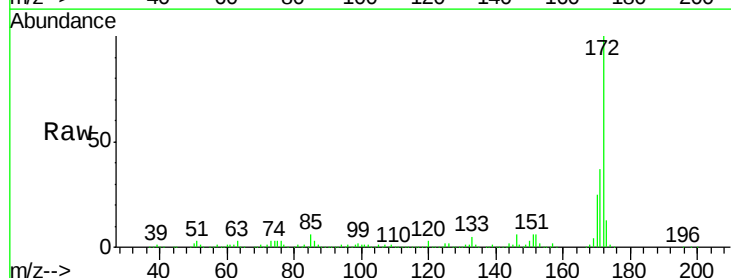
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.79 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.6	42.8
170	24.9	19.7	29.5

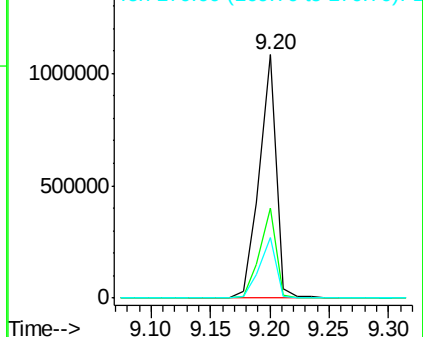
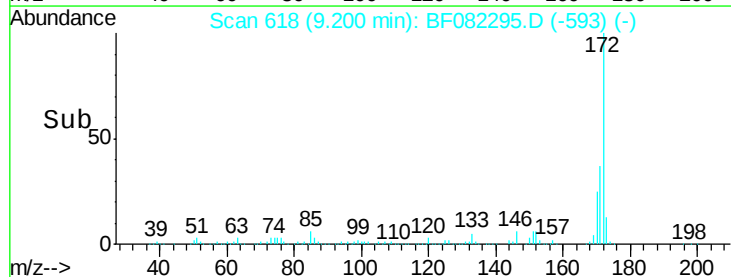


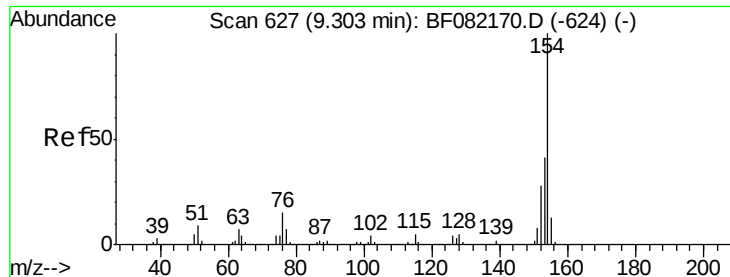
Abundance

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

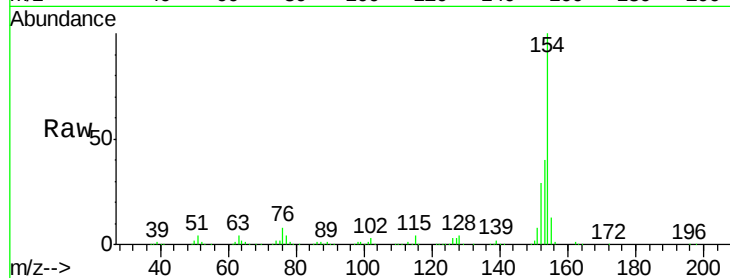




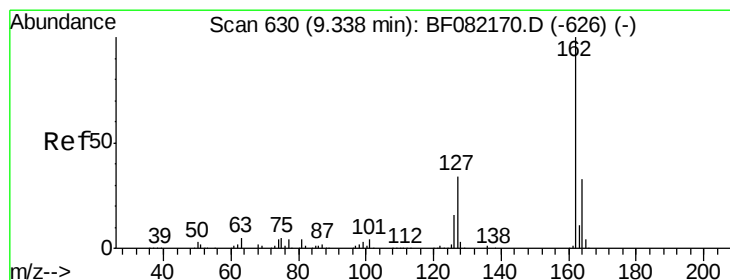
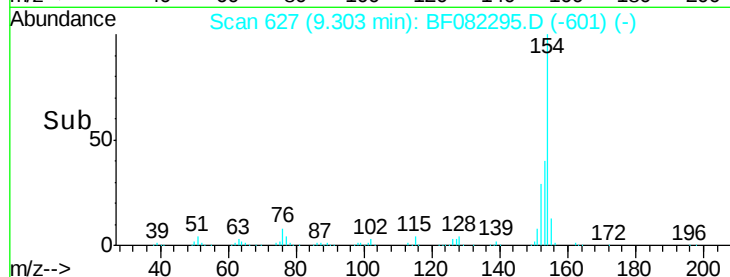
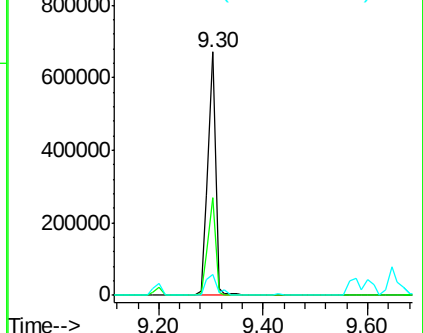
#45
 1,1'-Biphenyl
 Concen: 40.77 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 691138
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.6 60.6
 76 8.5 0.0 35.2

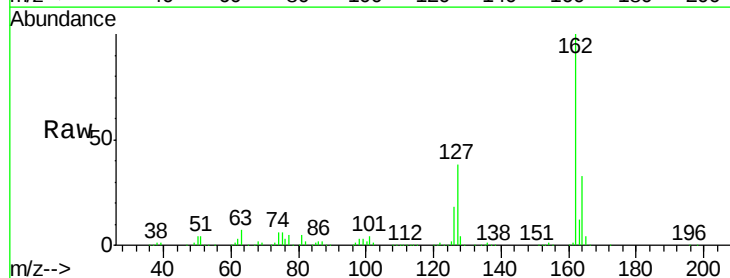


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

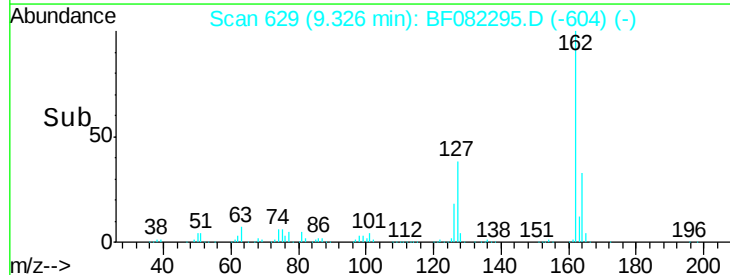
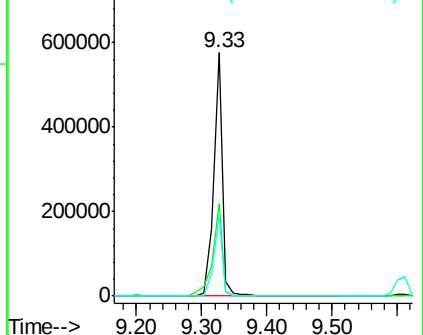


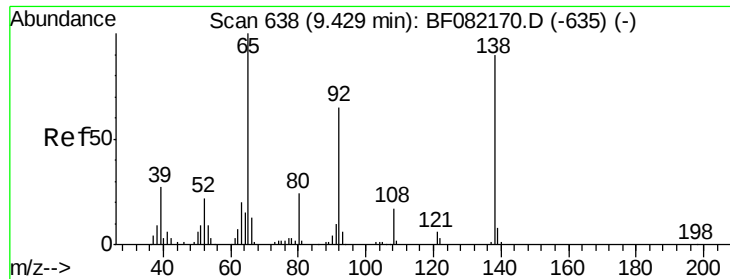
#46
 2-Chloronaphthalene
 Concen: 40.93 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion:162 Resp: 546207
 Ion Ratio Lower Upper
 162 100
 127 37.8 27.5 41.3
 164 33.5 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

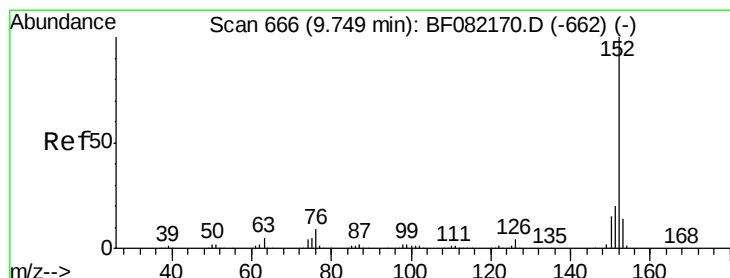
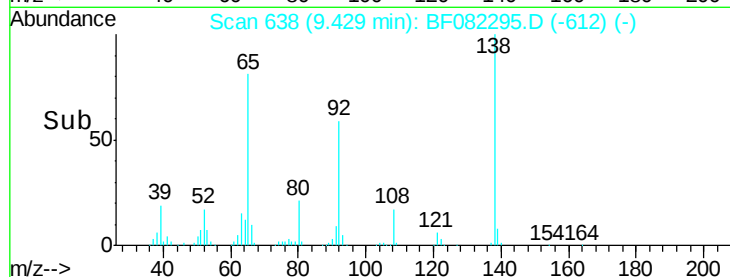
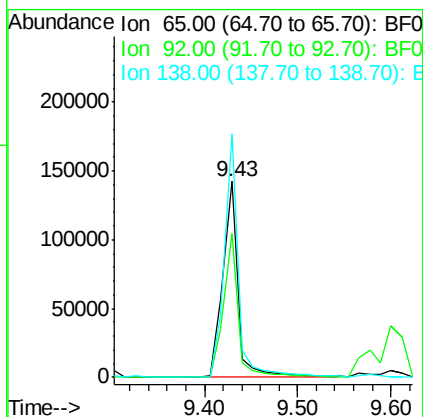
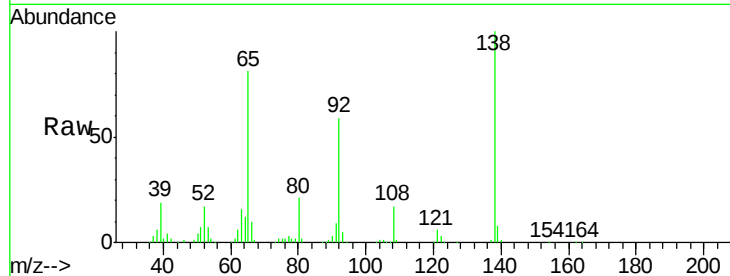




#47
2-Nitroaniline
Concen: 44.37 ng
RT: 9.43 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

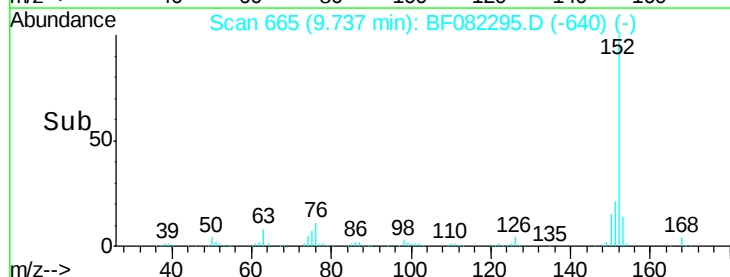
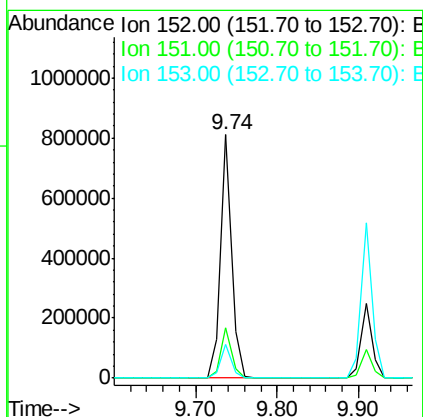
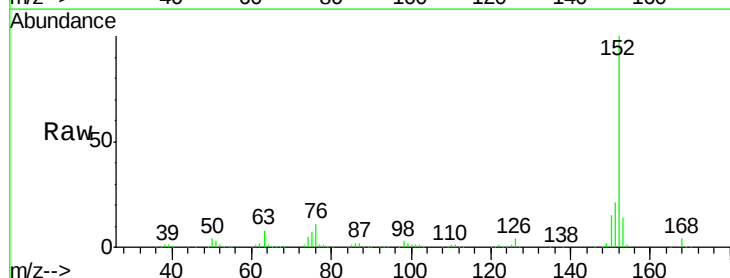
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

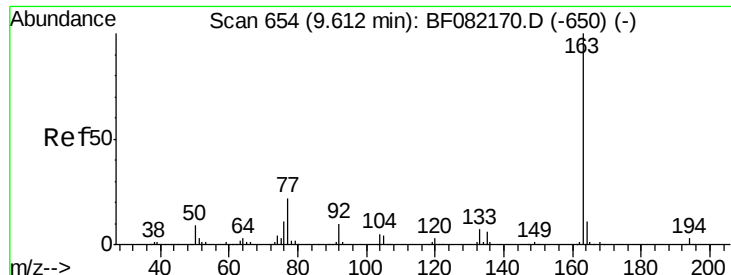
Tot Ion: 65 Resp: 162572
Ion Ratio Lower Upper
65 100
92 73.2 52.3 78.5
138 124.1 72.2 108.4#



#48
Acenaphthylene
Concen: 36.82 ng
RT: 9.74 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion: 152 Resp: 765442
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.8 10.8 16.2

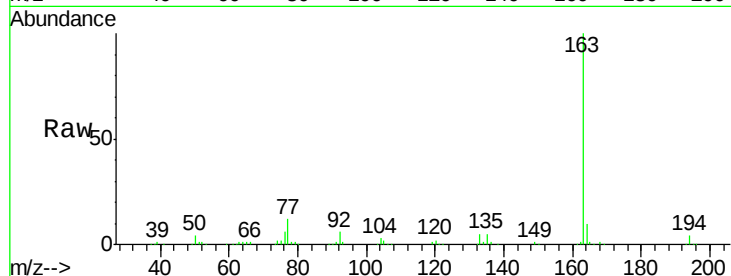




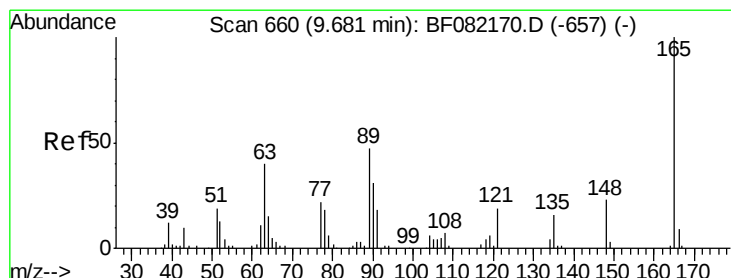
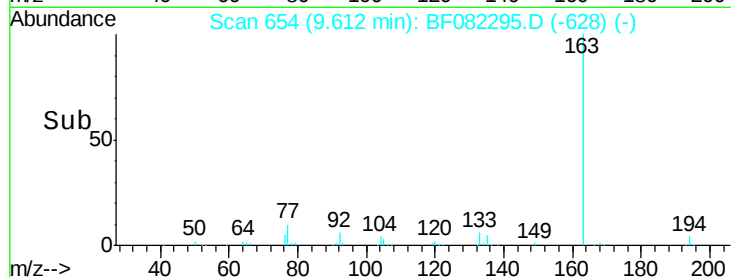
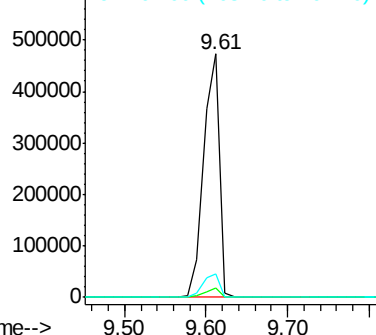
#49
Dimethylphthalate
Concen: 40.74 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 637868
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 9.7 8.5 12.7

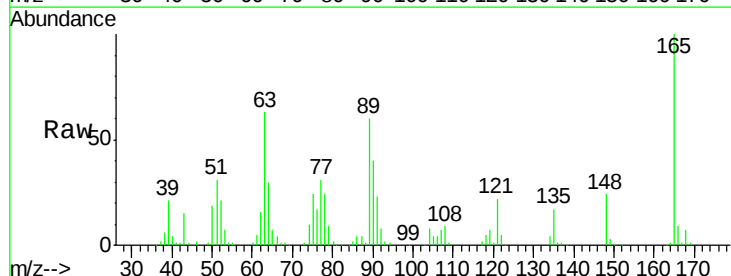


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

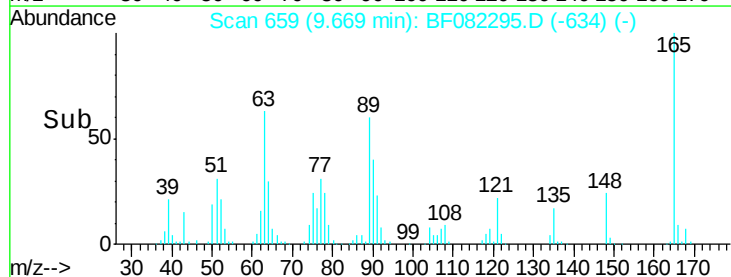
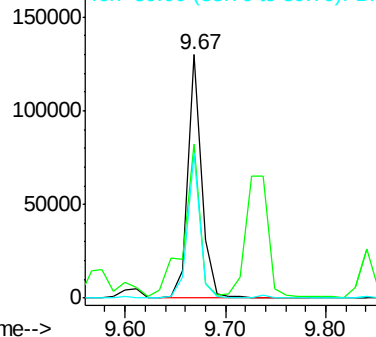


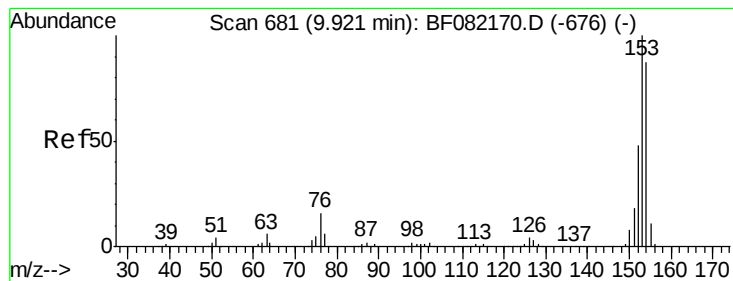
#50
2,6-Dinitrotoluene
Concen: 37.71 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion:165 Resp: 124562
Ion Ratio Lower Upper
165 100
63 63.2 36.7 55.1#
89 59.6 37.8 56.6#



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





#51

Acenaphthene

Concen: 37.65 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

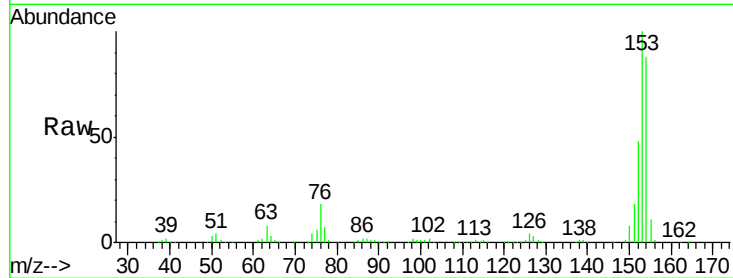
Tot Ion:154 Resp: 469904

Ion Ratio Lower Upper

154 100

153 113.0 91.4 137.2

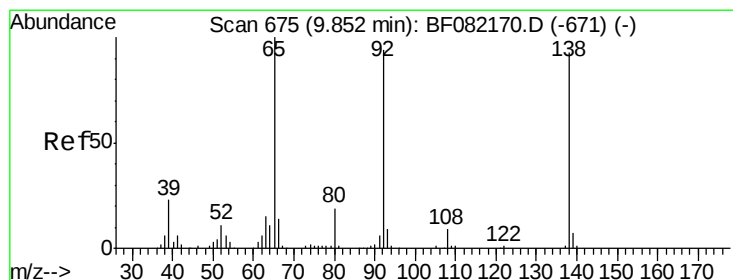
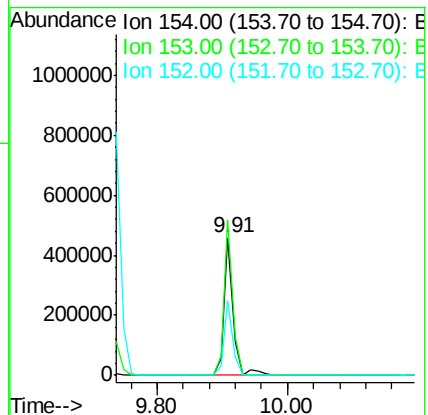
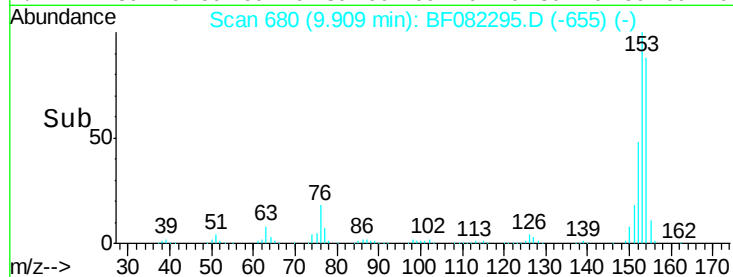
152 53.9 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.47 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

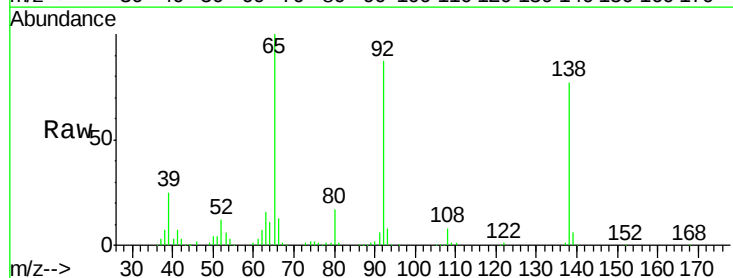
Tgt Ion:138 Resp: 143534

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.0

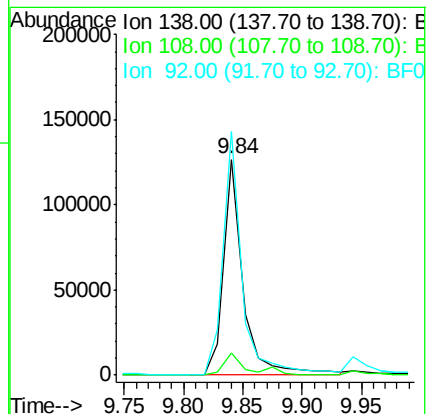
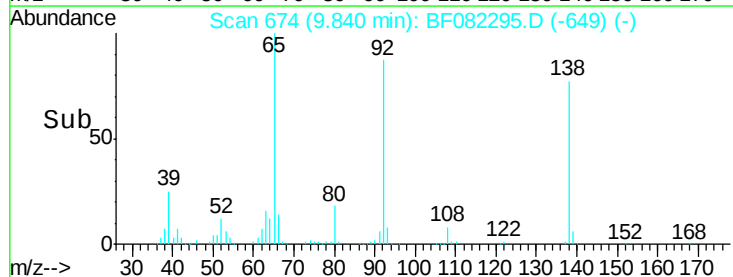
92 112.7 81.3 121.9

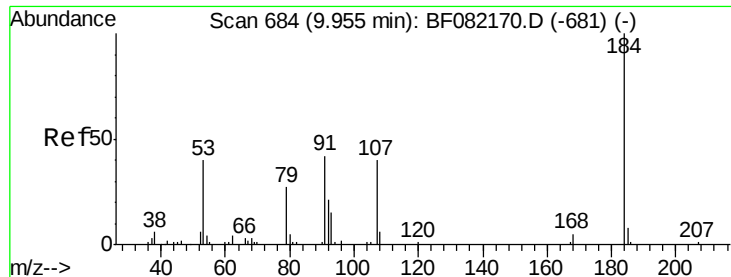


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

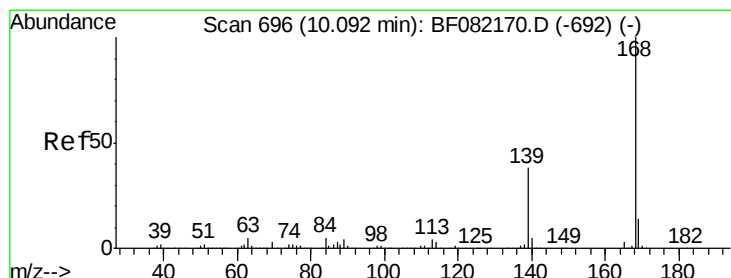
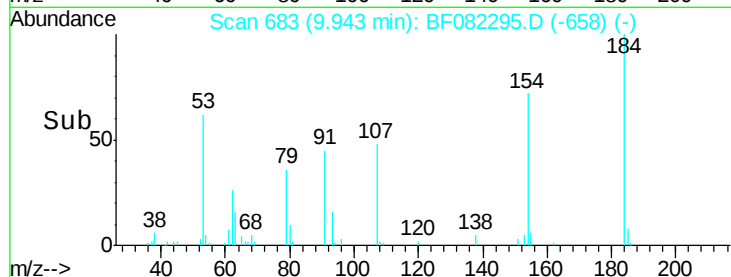
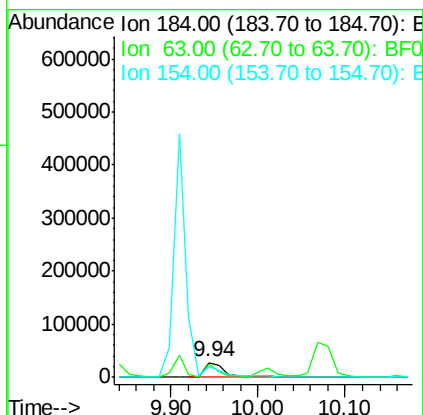
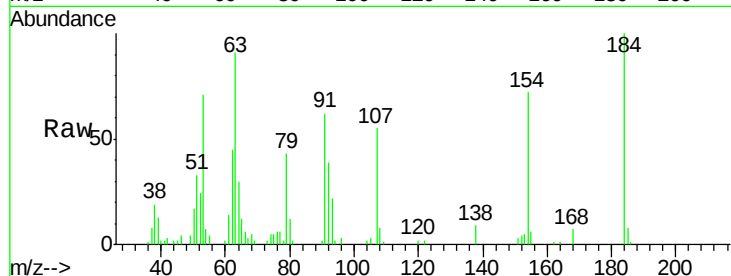




#53
 2,4-Dinitrophenol
 Concen: 31.86 ng
 RT: 9.94 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

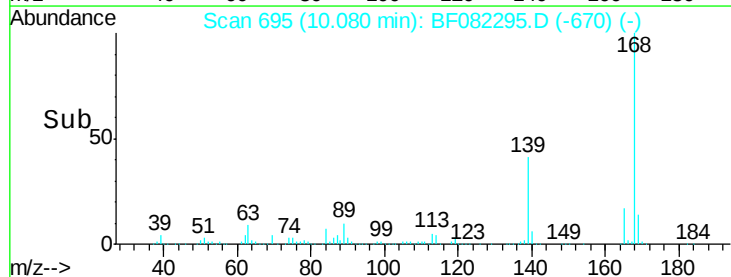
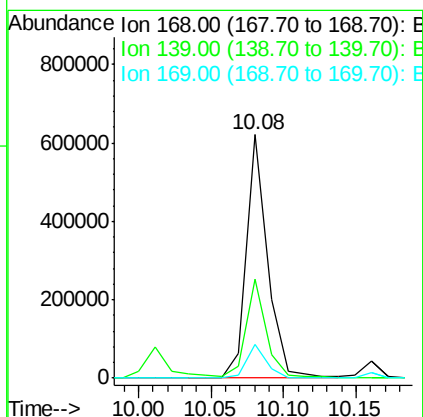
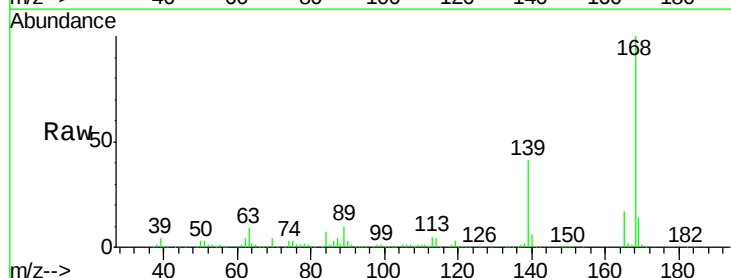
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

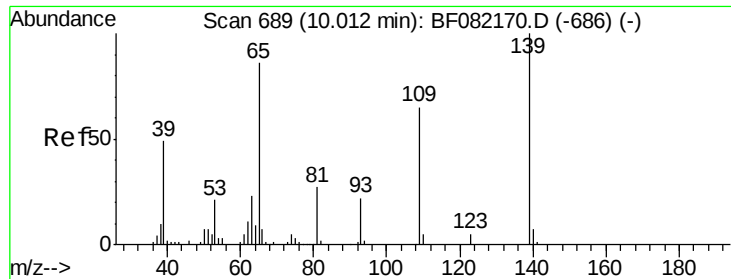
Tot Ion:184 Resp: 51081
 Ion Ratio Lower Upper
 184 100
 63 90.9 45.1 67.7#
 154 72.3 51.2 76.8



#54
 Dibenzofuran
 Concen: 36.78 ng
 RT: 10.08 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion:168 Resp: 630195
 Ion Ratio Lower Upper
 168 100
 139 40.7 31.0 46.6
 169 13.9 10.9 16.3

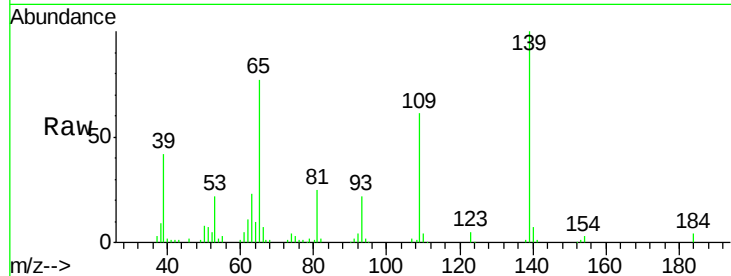




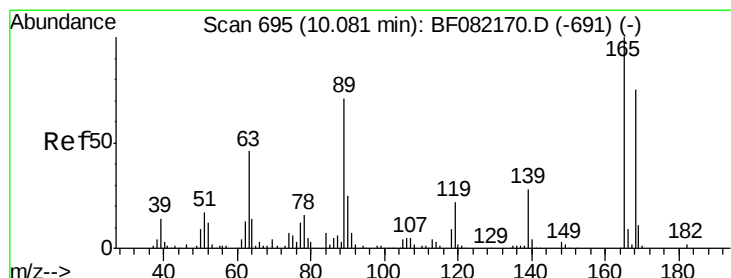
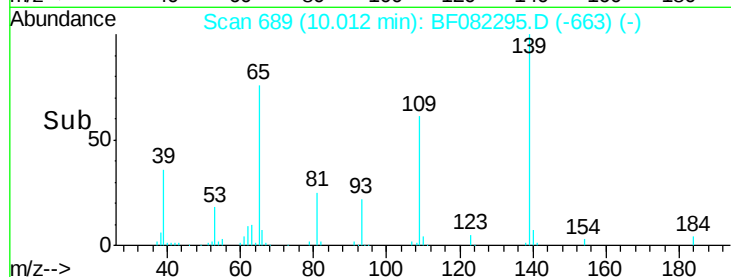
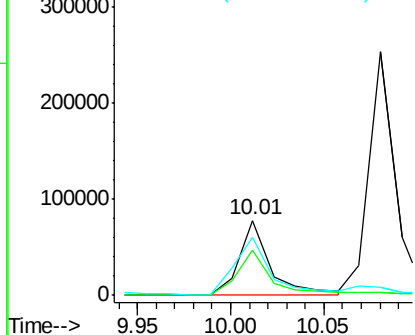
#55
4-Nitrophenol
Concen: 43.77 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 92632
Ion Ratio Lower Upper
139 100
109 60.8 44.8 84.8
65 76.9 67.7 107.7

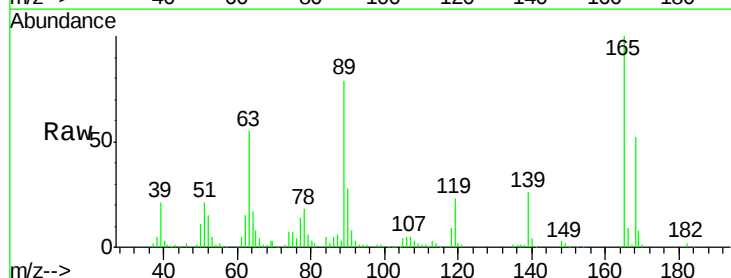


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

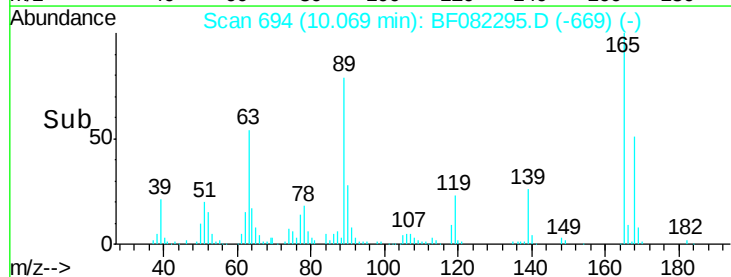
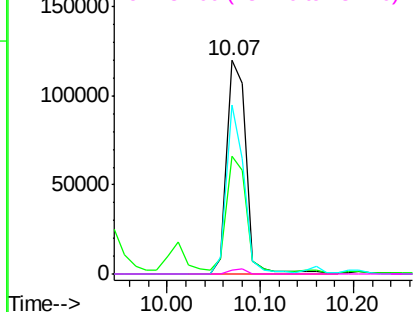


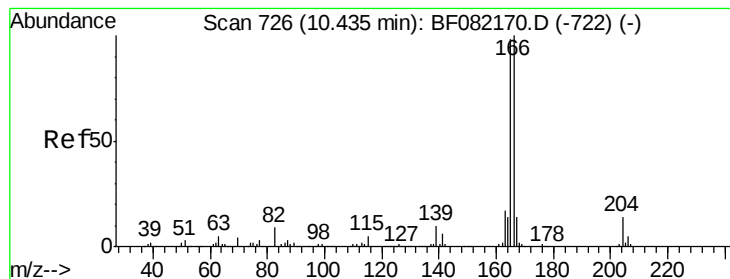
#56
2,4-Dinitrotoluene
Concen: 42.29 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion:165 Resp: 174591
Ion Ratio Lower Upper
165 100
63 55.0 38.6 58.0
89 79.2 57.0 85.6
182 2.1 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: 36.75 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

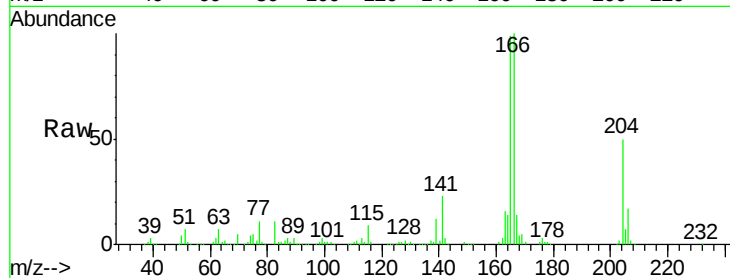
Tot Ion:166 Resp: 517257

Ion Ratio Lower Upper

166 100

165 98.6 78.3 117.5

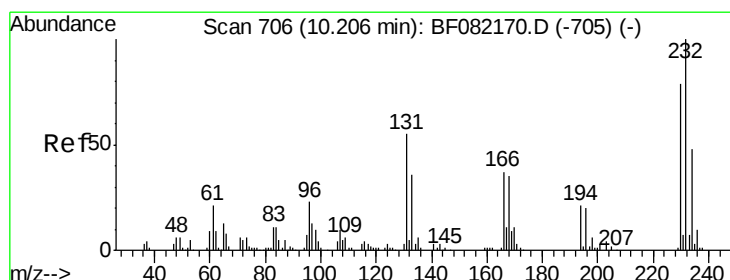
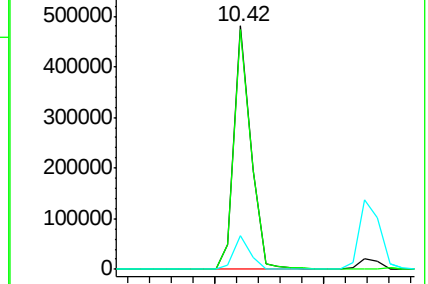
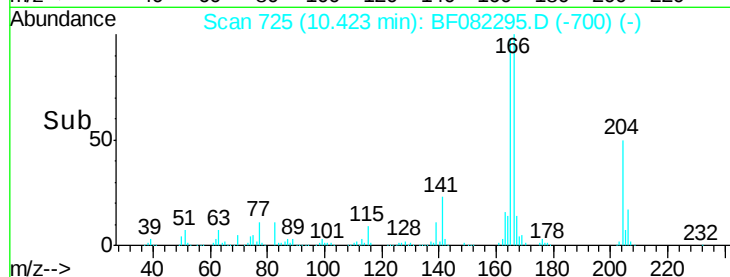
167 13.9 10.8 16.2



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: 42.73 ng

RT: 10.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Tgt Ion:232 Resp: 166097

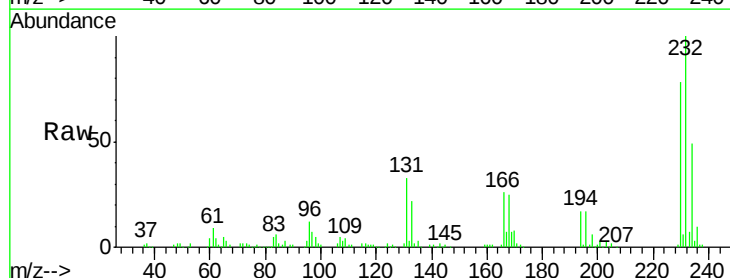
Ion Ratio Lower Upper

232 100

131 38.7 36.6 54.8

130 1.8 1.5 2.3

166 27.8 24.6 37.0

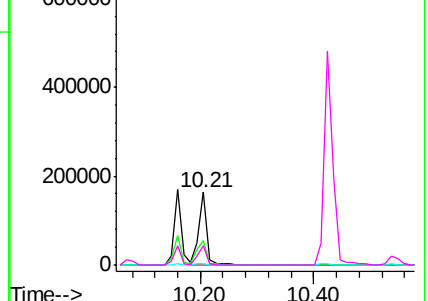
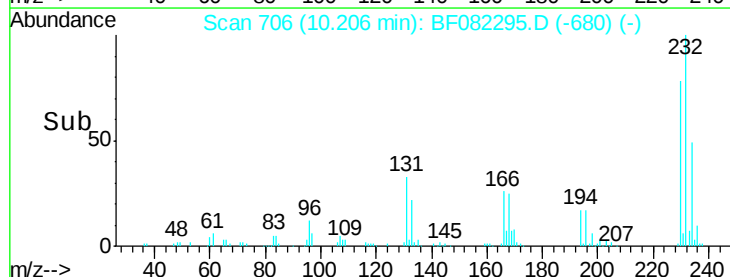


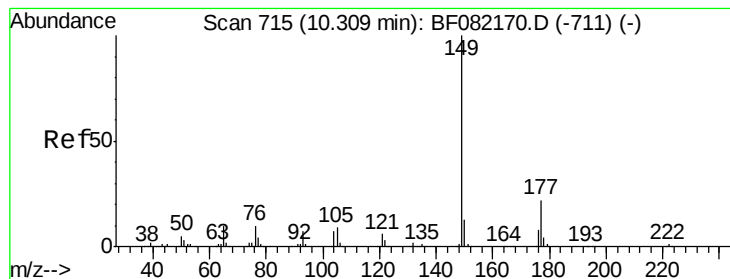
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.29 ng

RT: 10.31 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

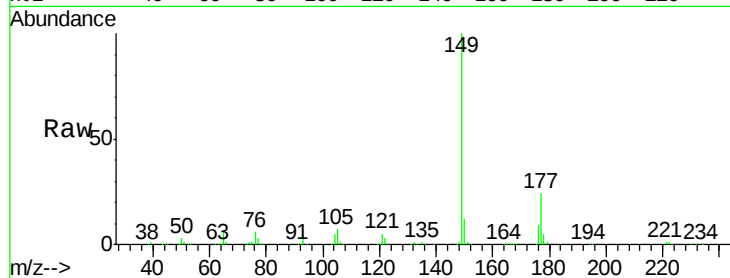
Tot Ion:149 Resp: 617110

Ion Ratio Lower Upper

149 100

177 24.4 17.6 26.4

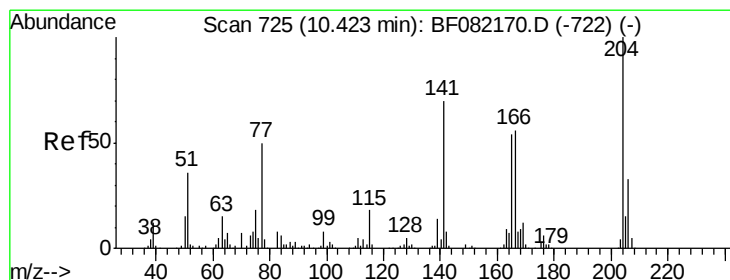
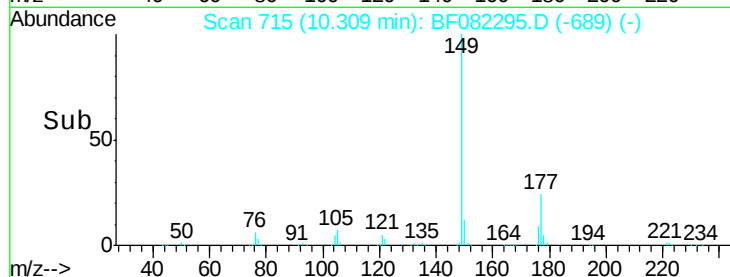
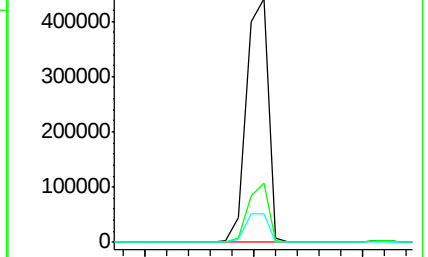
150 11.9 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.26 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

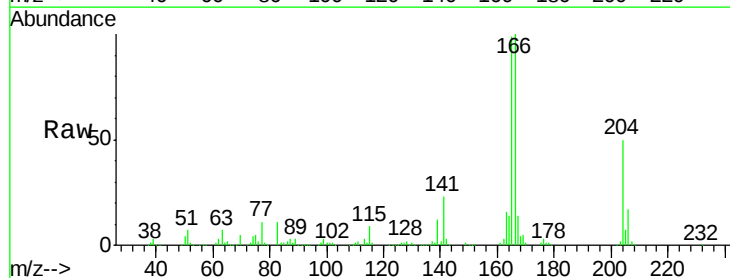
Tgt Ion:204 Resp: 272458

Ion Ratio Lower Upper

204 100

206 34.0 26.8 40.2

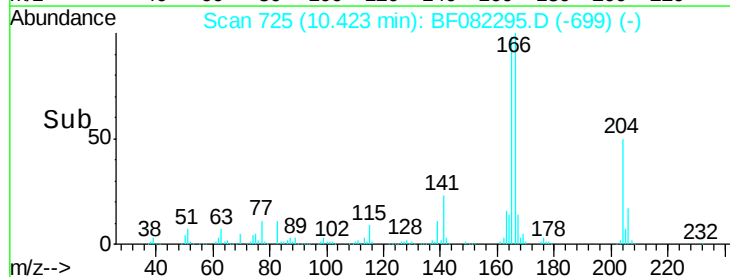
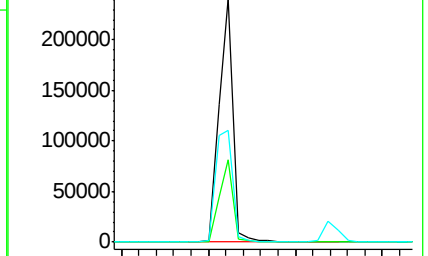
141 45.9 56.1 84.1#

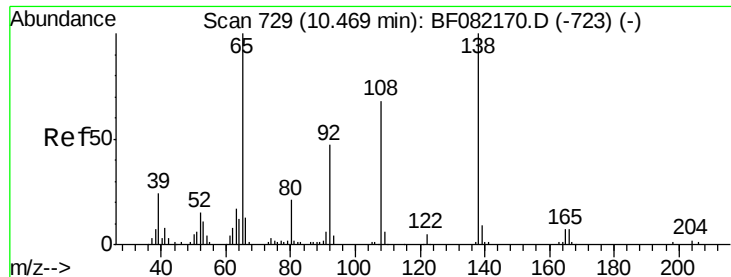


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

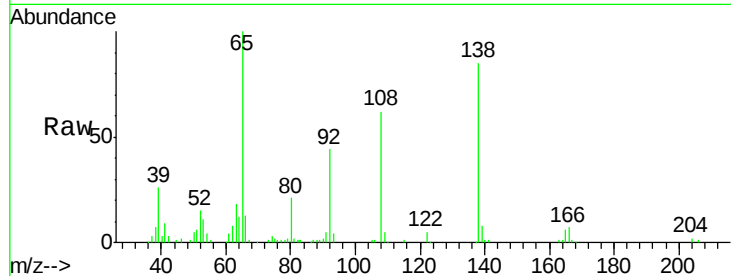




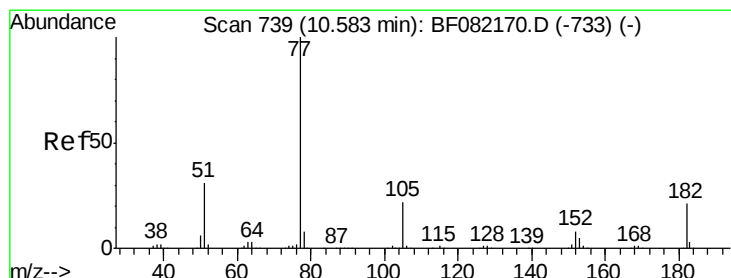
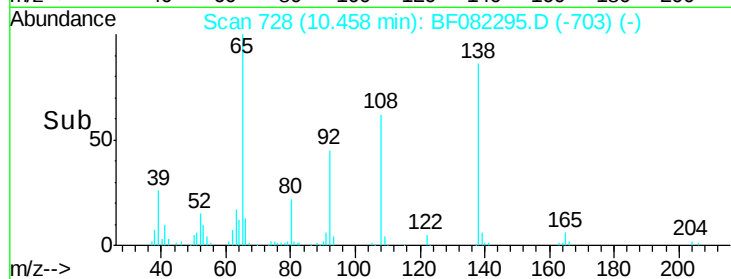
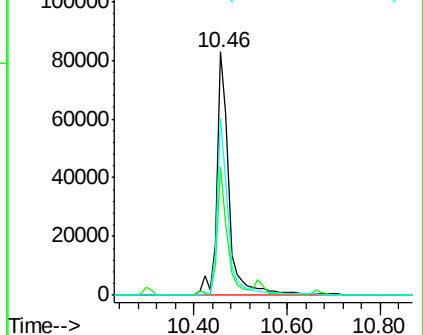
#61
4-Nitroaniline
Concen: 41.49 ng
RT: 10.46 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 150152
Ion Ratio Lower Upper
138 100
92 52.5 26.8 66.8
108 72.8 48.4 88.4

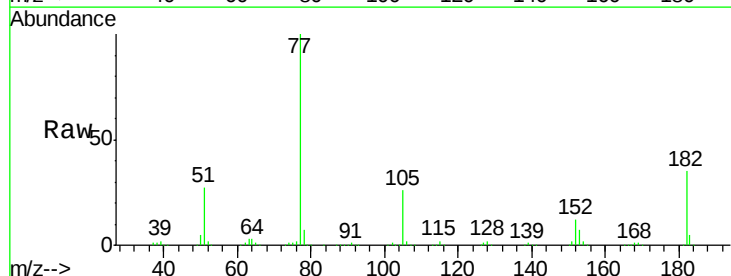


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

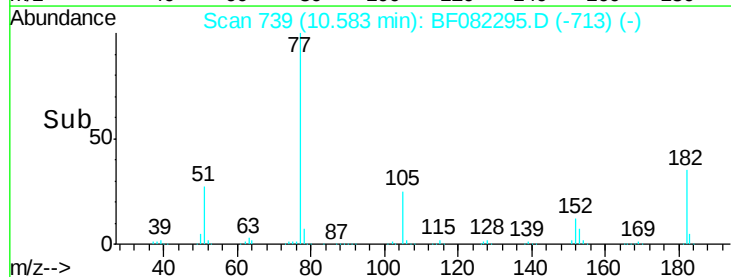
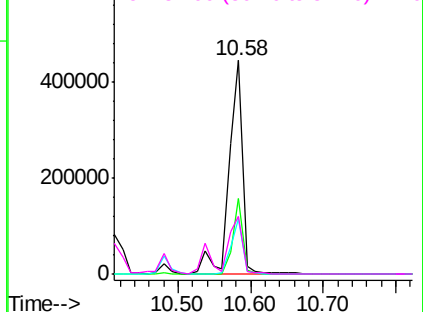


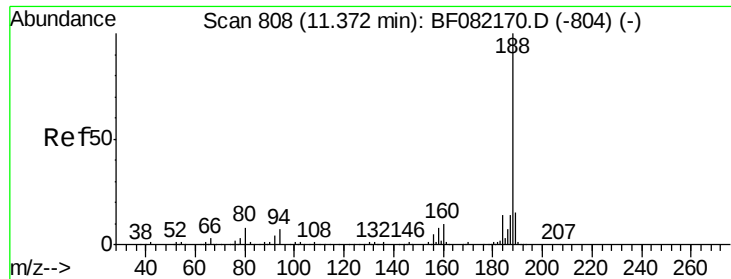
#62
Azobenzene
Concen: 39.63 ng
RT: 10.58 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion: 77 Resp: 565979
Ion Ratio Lower Upper
77 100
182 35.2 0.5 40.5
105 25.7 1.8 41.8
51 26.8 11.2 51.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

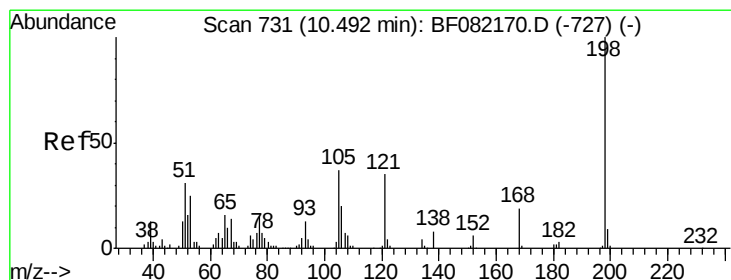
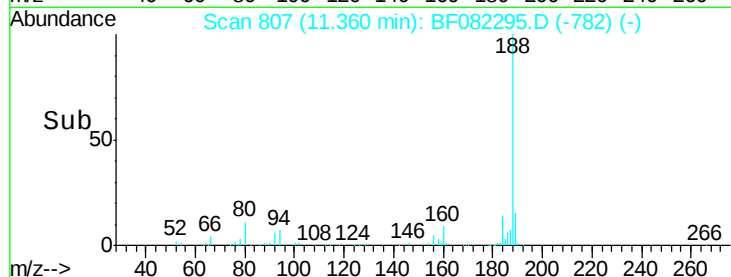
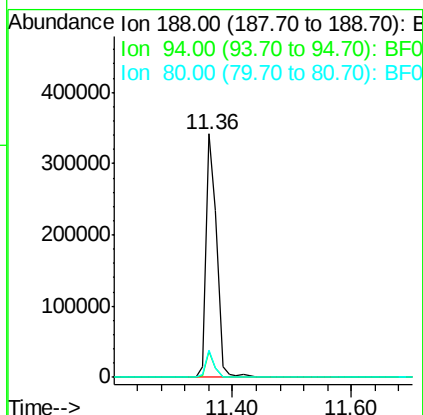
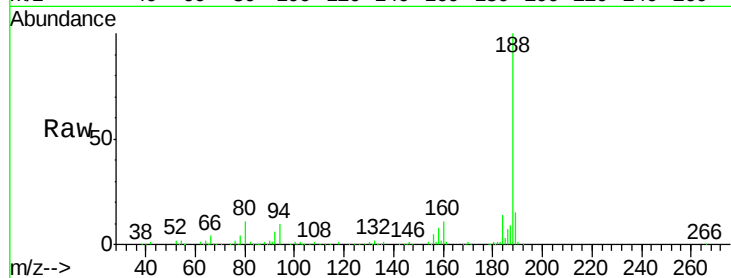




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

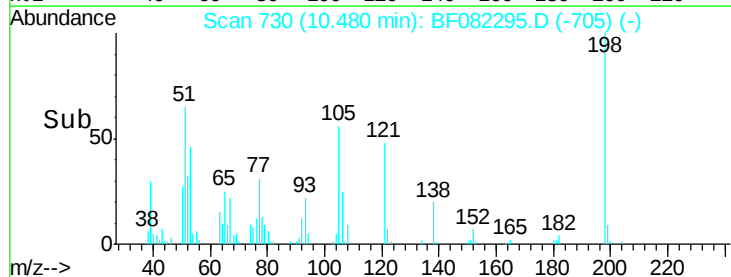
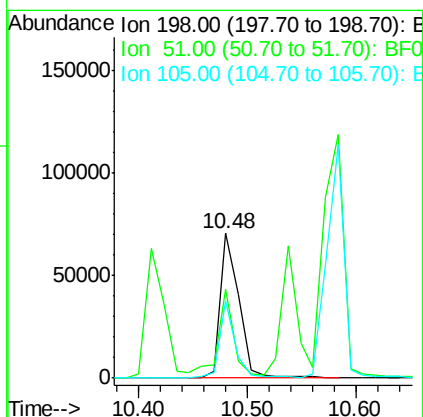
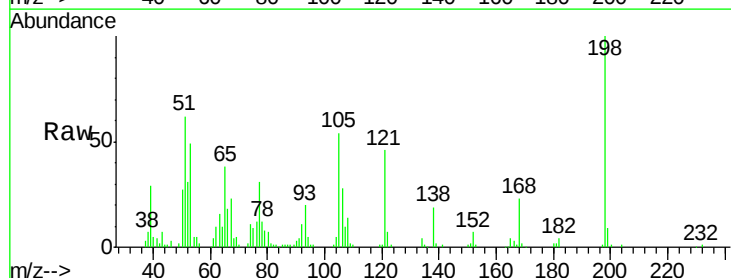
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

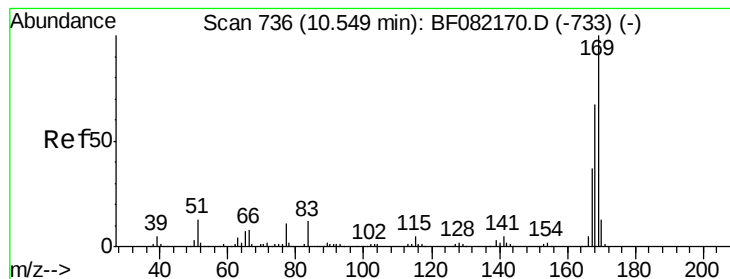
Tot Ion:188 Resp: 429797
Ion Ratio Lower Upper
188 100
94 10.4 5.8 8.6#
80 11.3 6.4 9.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 35.18 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion:198 Resp: 84855
Ion Ratio Lower Upper
198 100
51 61.8 13.6 53.6#
105 53.5 17.1 57.1





#65

n-Nitrosodiphenylamine

Concen: 37.73 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

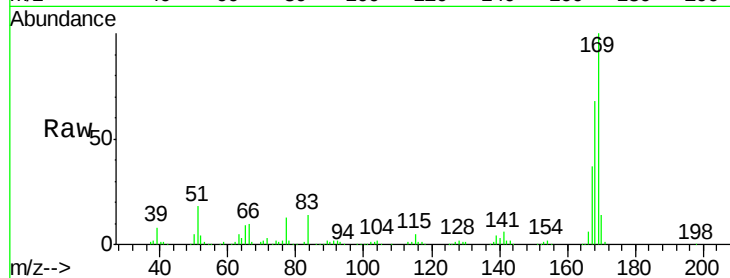
Tot Ion:169 Resp: 485478

Ion Ratio Lower Upper

169 100

168 68.3 54.0 81.0

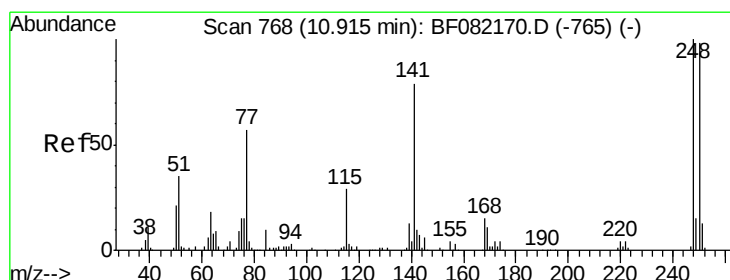
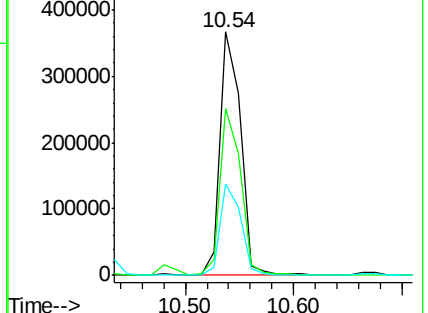
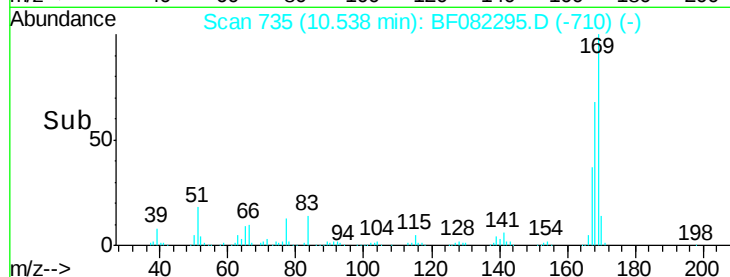
167 37.5 29.6 44.4



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: 39.67 ng

RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

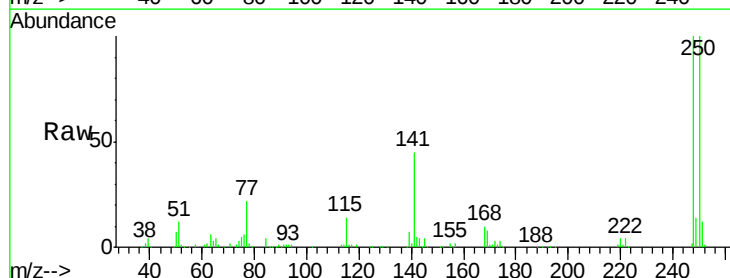
Tgt Ion:248 Resp: 170615

Ion Ratio Lower Upper

248 100

250 99.7 78.6 117.8

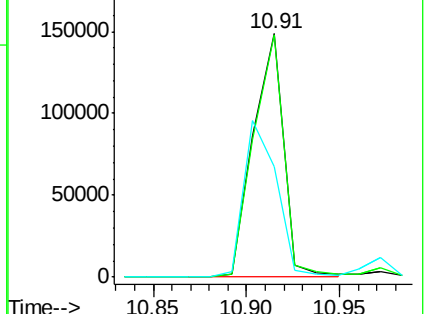
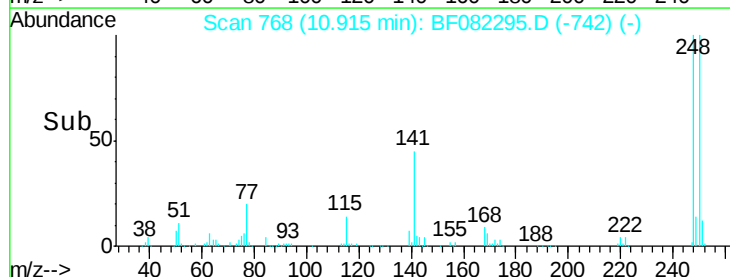
141 45.2 63.3 94.9#

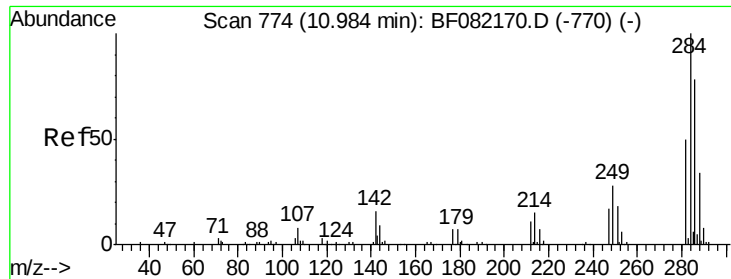


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

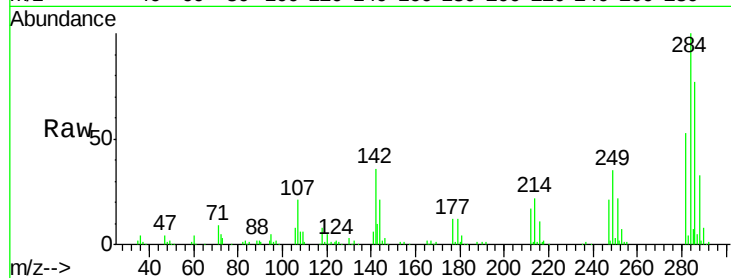




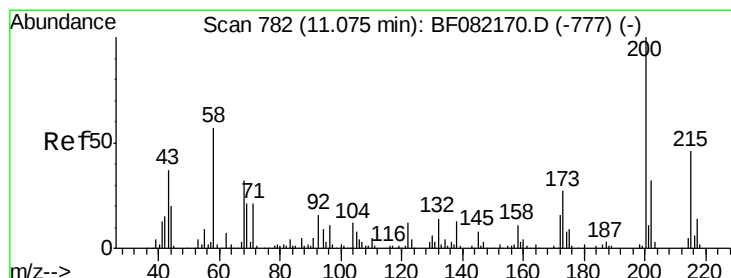
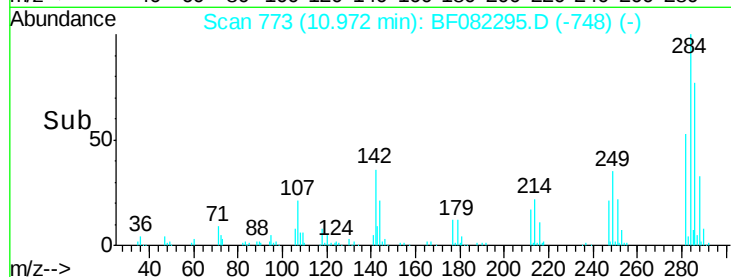
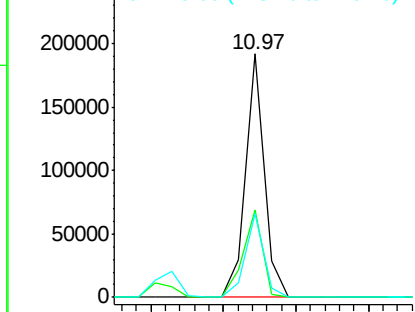
#67
Hexachlorobenzene
Concen: 37.10 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 172582
Ion Ratio Lower Upper
284 100
142 35.9 13.0 19.6#
249 34.5 22.5 33.7#

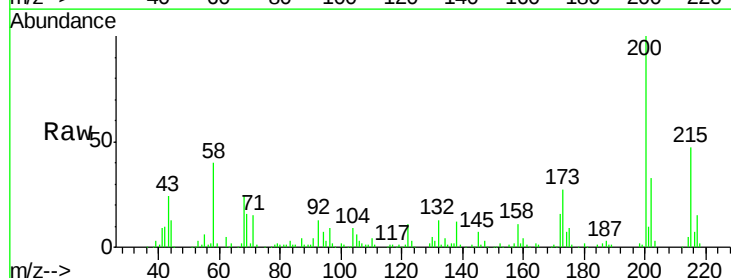


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

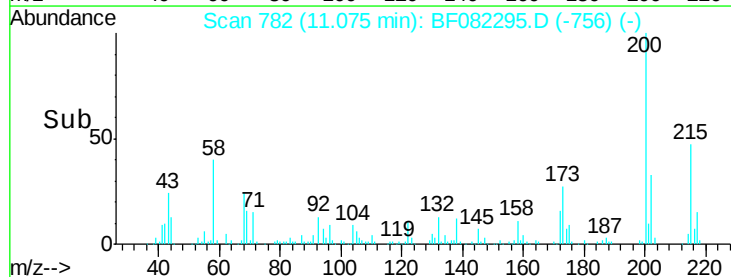
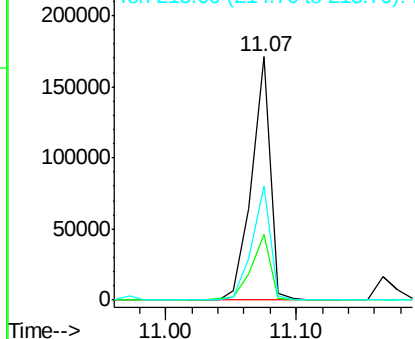


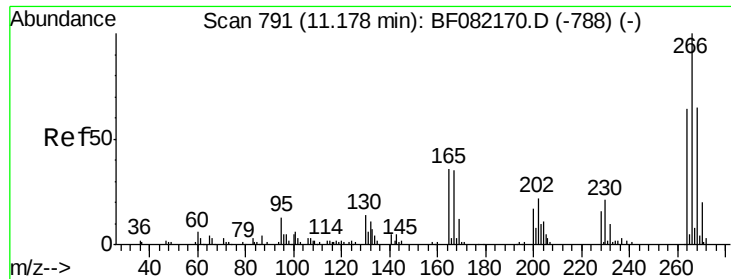
#68
Atrazine
Concen: 41.93 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion:200 Resp: 170930
Ion Ratio Lower Upper
200 100
173 26.9 7.3 47.3
215 46.7 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

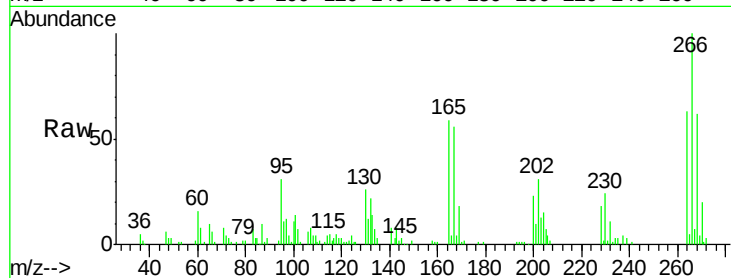




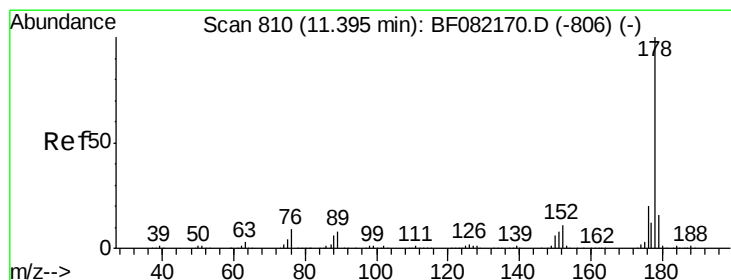
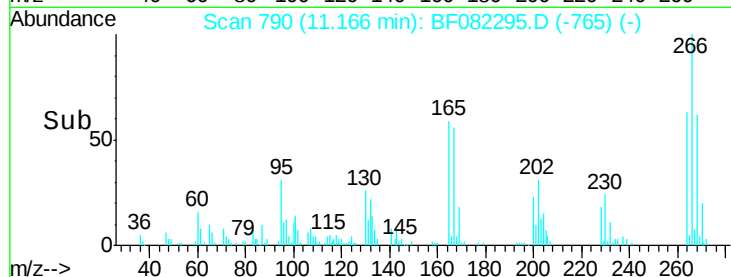
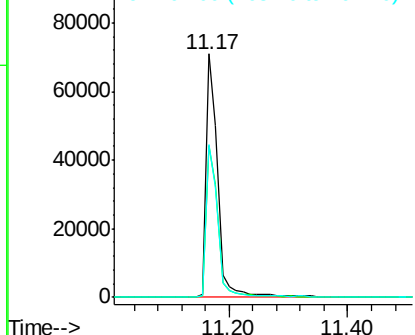
#69
 Pentachlorophenol
 Concen: 40.45 ng
 RT: 11.17 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 96839
 Ion Ratio Lower Upper
 266 100
 268 62.5 52.0 78.0
 264 62.6 51.4 77.0

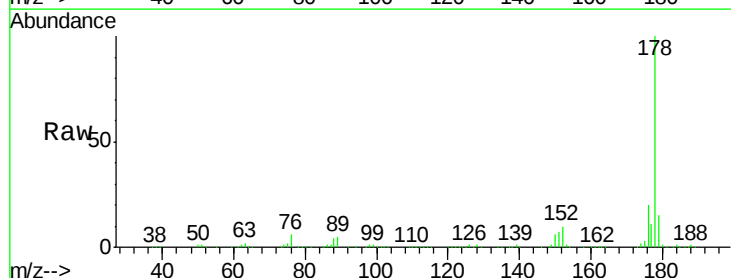


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

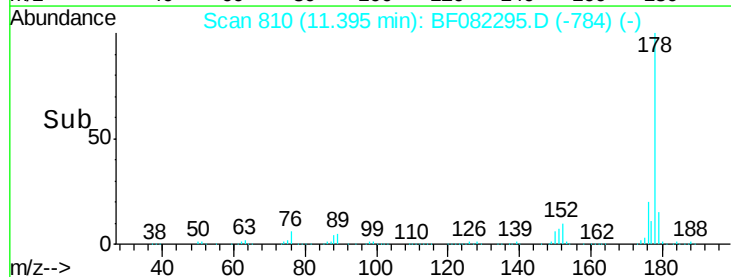
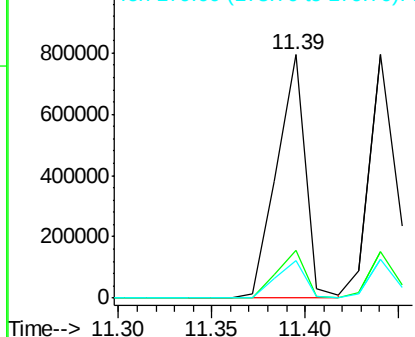


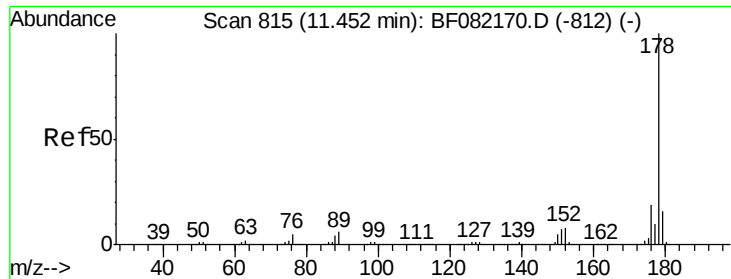
#70
 Phenanthrene
 Concen: 40.23 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion:178 Resp: 847528
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 15.4 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

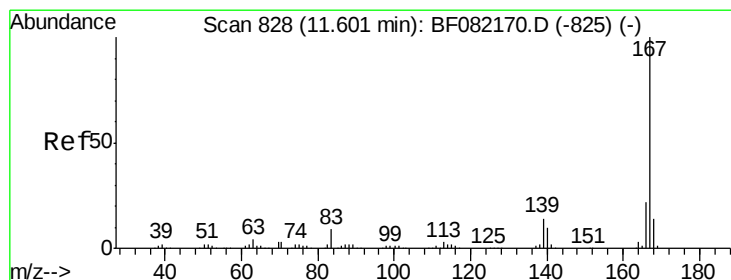
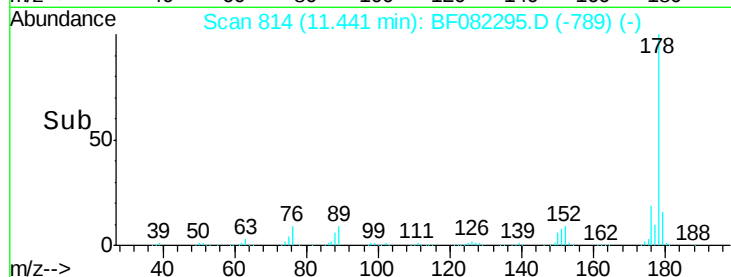
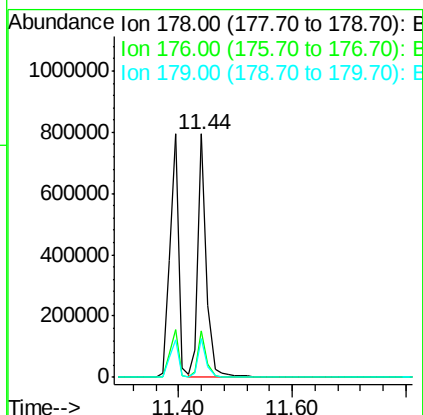
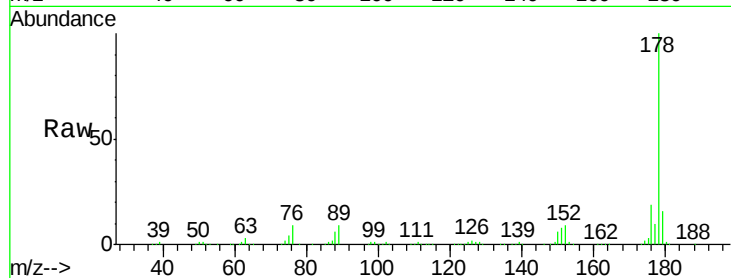




#71
 Anthracene
 Concen: 37.78 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

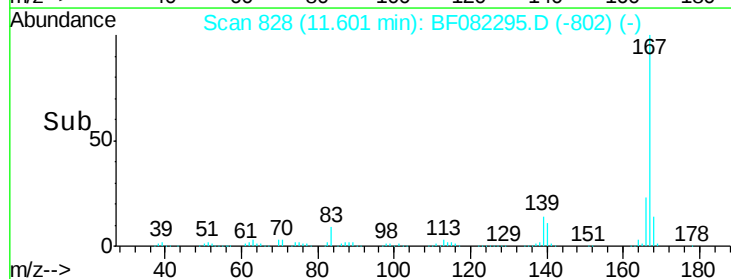
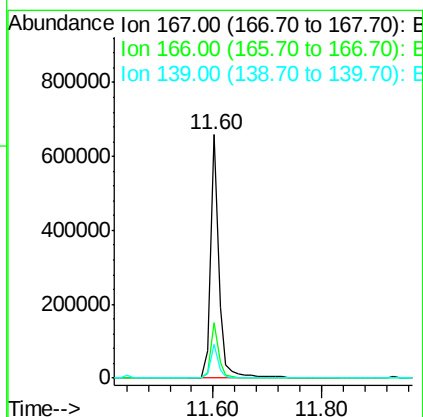
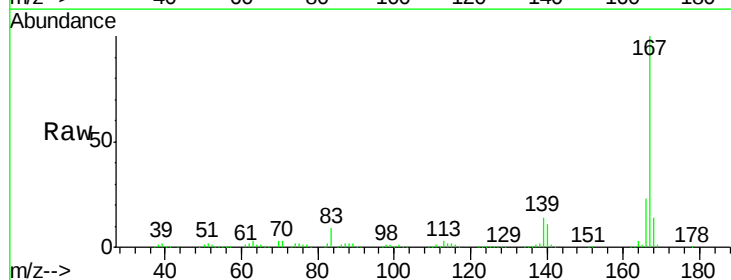
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

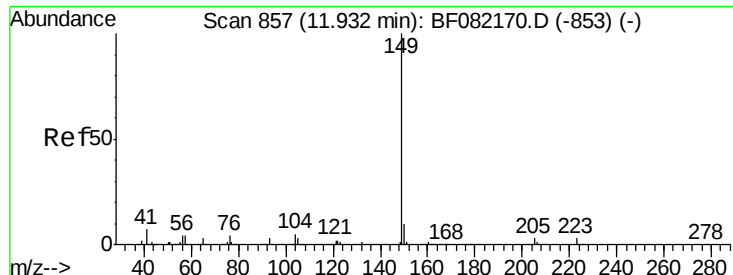
Tot Ion:178 Resp: 820189
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 16.2 12.5 18.7



#72
 Carbazole
 Concen: 36.47 ng
 RT: 11.60 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion:167 Resp: 722217
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.3 25.9
 139 13.7 11.2 16.8





#73

Di-n-butylphthalate

Concen: 41.68 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

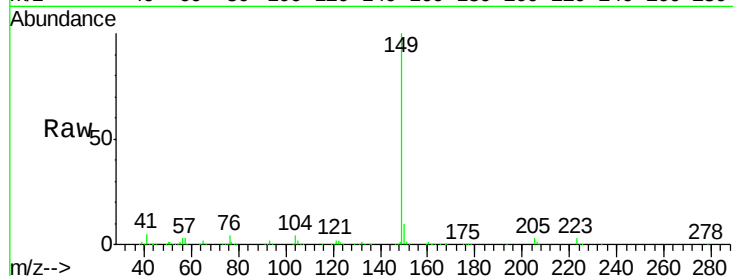
Tot Ion:149 Resp: 1018252

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

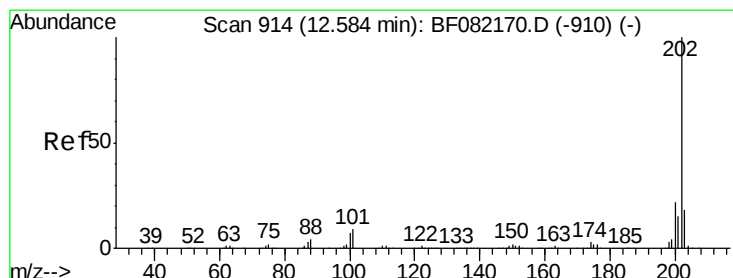
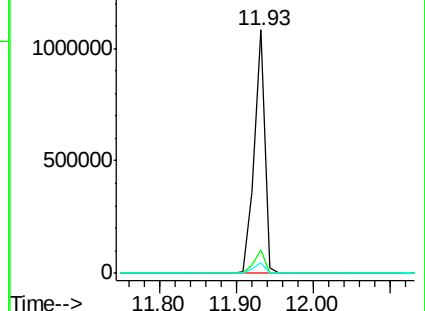
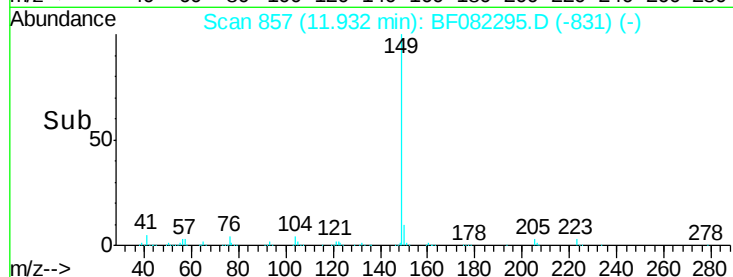
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.43 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

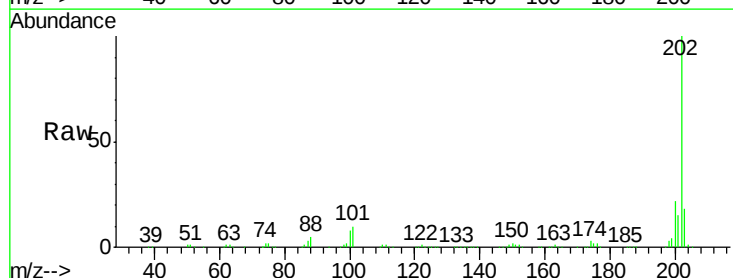
Tgt Ion:202 Resp: 846805

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.3

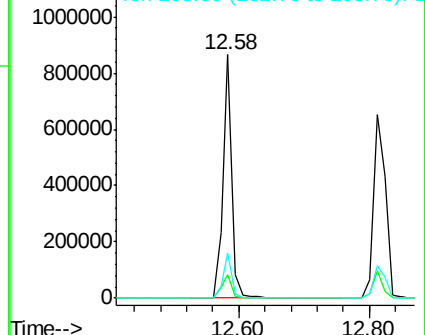
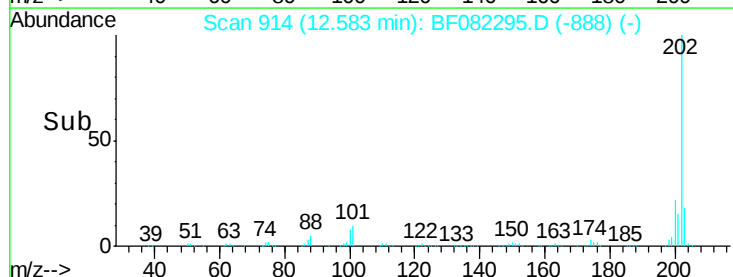
203 18.4 0.0 37.8

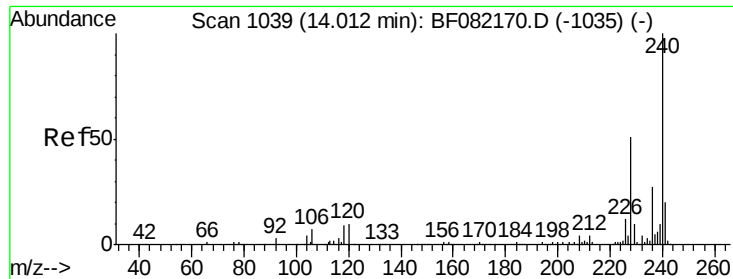


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

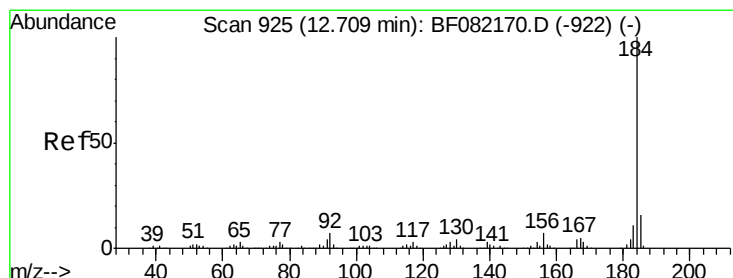
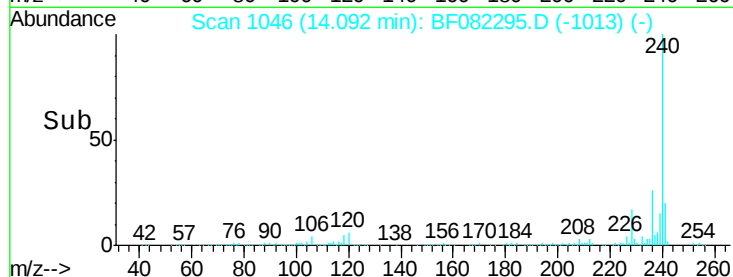
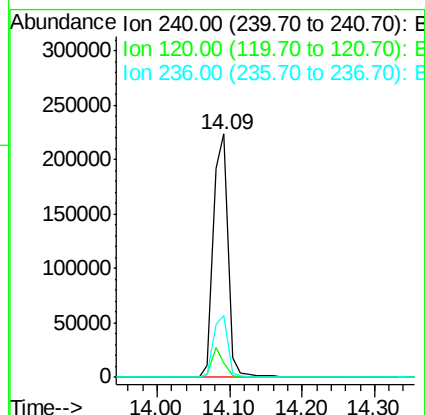
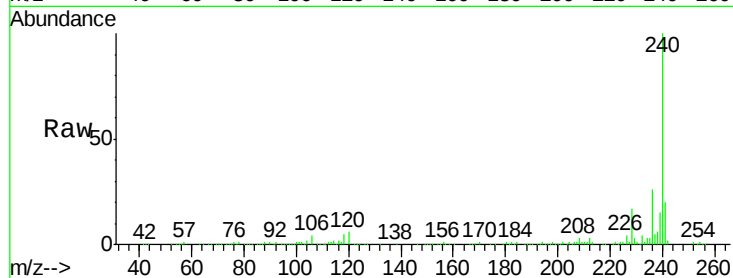




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. 0.08 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

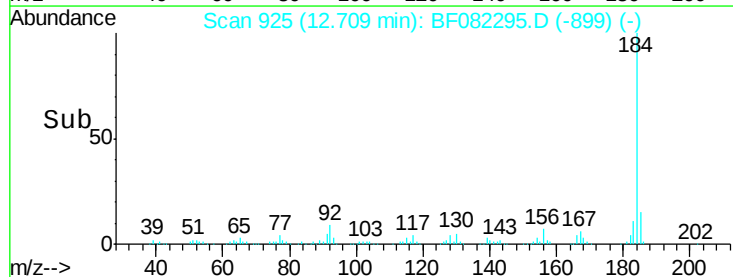
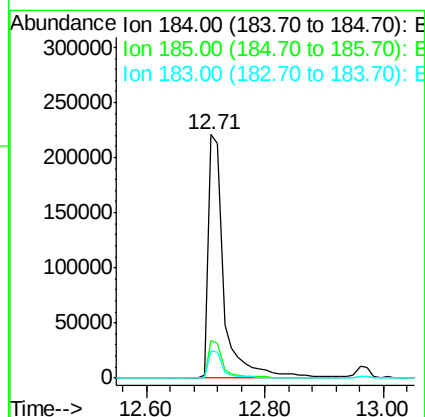
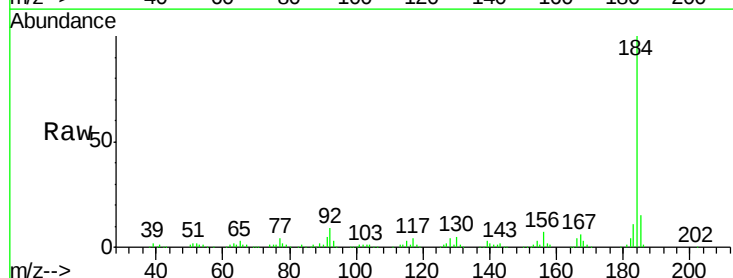
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

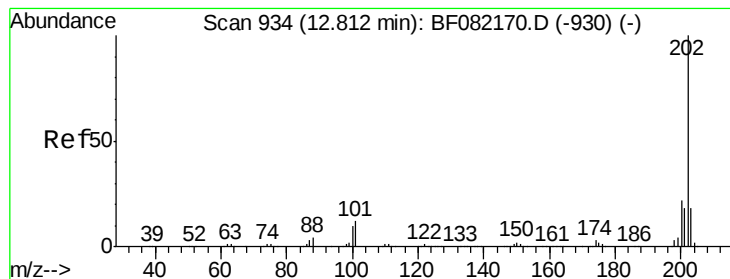
Tot Ion:240 Resp: 315462
 Ion Ratio Lower Upper
 240 100
 120 6.0 8.1 12.1#
 236 25.5 21.3 31.9



#76
 Benzidine
 Concen: 45.12 ng
 RT: 12.71 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion:184 Resp: 412494
 Ion Ratio Lower Upper
 184 100
 185 15.4 12.5 18.7
 183 11.3 9.1 13.7





#77

Pvrene

Concen: 42.99 ng

RT: 12.81 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

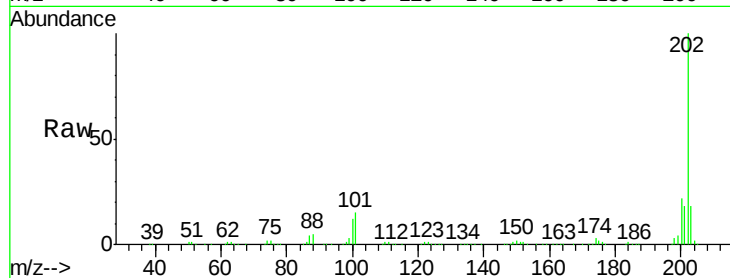
Tot Ion:202 Resp: 804869

Ion Ratio Lower Upper

202 100

200 21.6 17.9 26.9

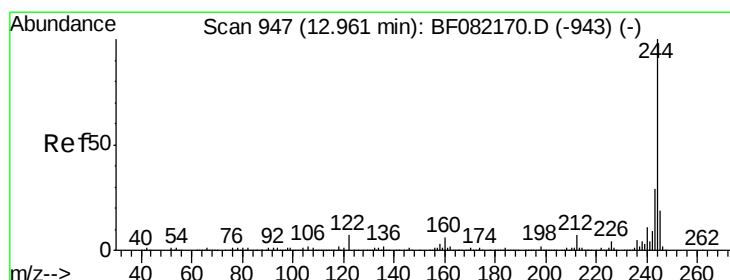
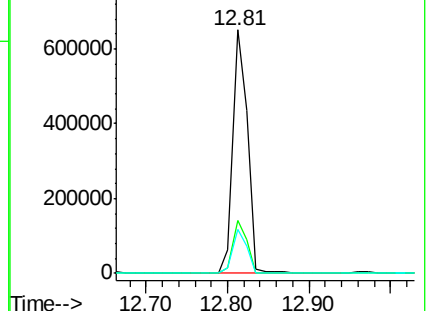
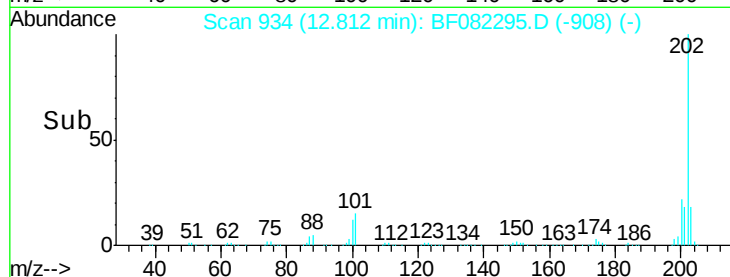
203 18.0 14.5 21.7



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: 91.90 ng

RT: 12.97 min Scan# 948

Delta R.T. 0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

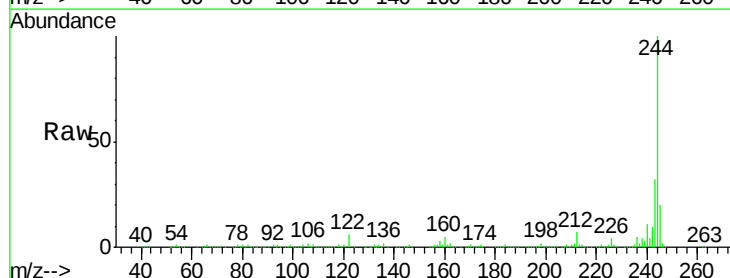
Tgt Ion:244 Resp: 1094008

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

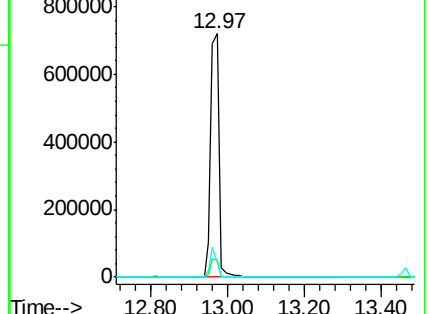
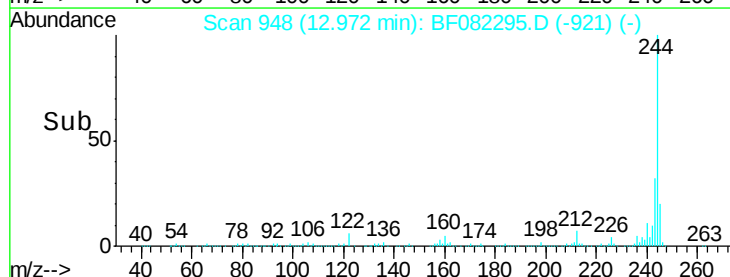
122 6.1 5.9 8.9

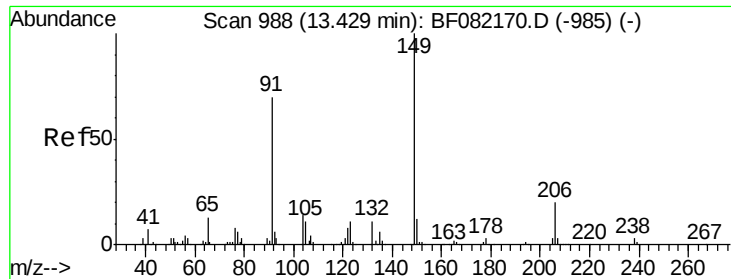


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

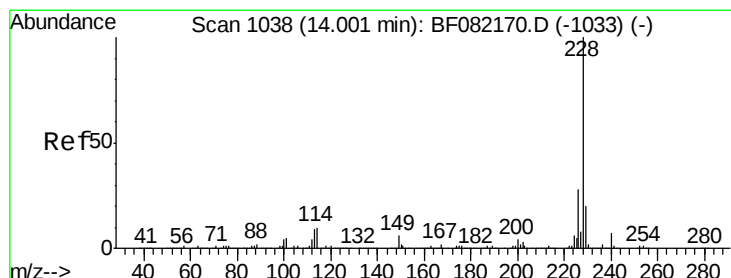
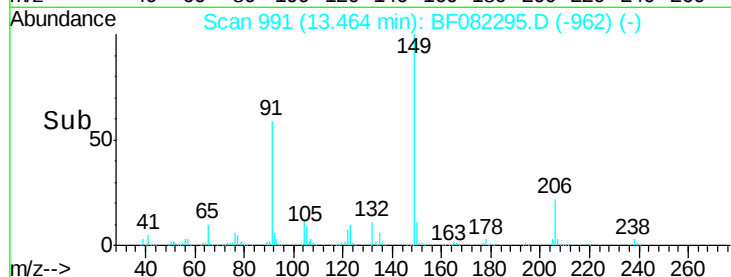
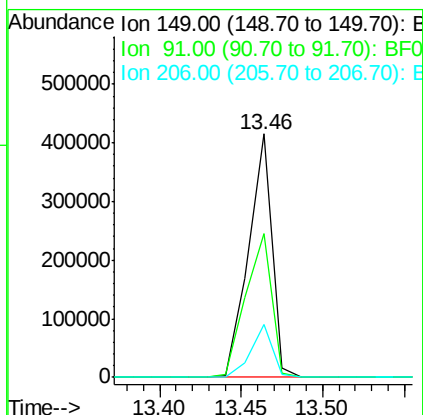
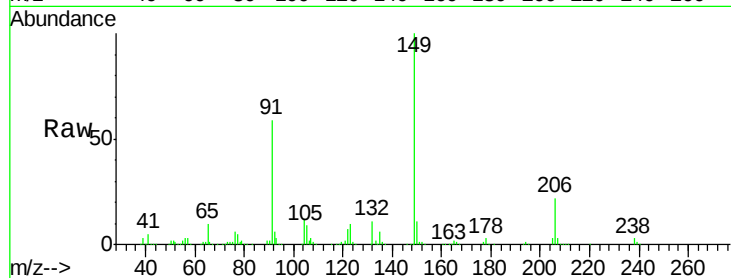




#79
Butylbenzylphthalate
Concen: 48.68 ng
RT: 13.46 min Scan# 991
Delta R.T. 0.03 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

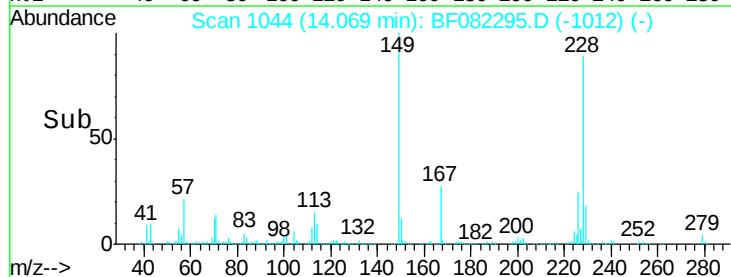
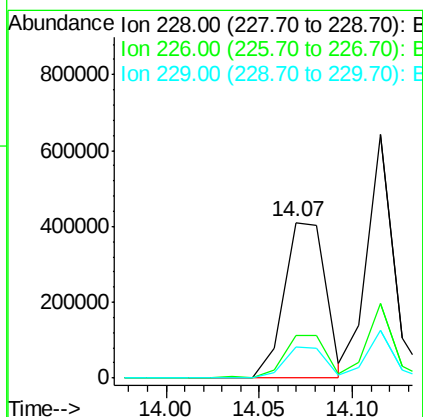
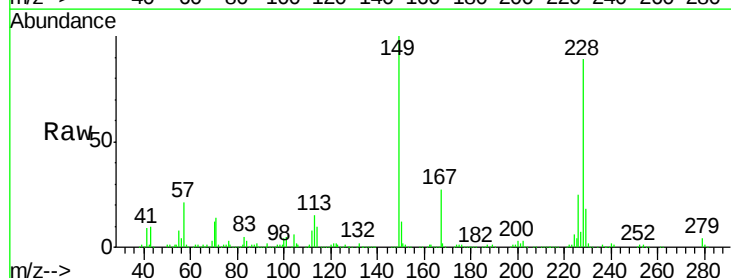
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

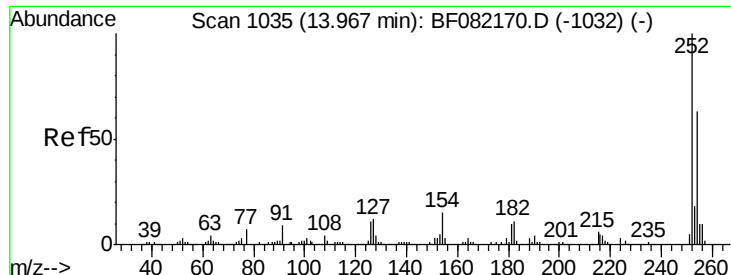
Tot Ion	Ratio	Lower	Upper
149	100		
91	59.3	55.7	83.5
206	21.9	15.6	23.4



#80
Benzo(a)anthracene
Concen: 38.95 ng
RT: 14.07 min Scan# 1044
Delta R.T. 0.07 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	19.9	16.2	24.2

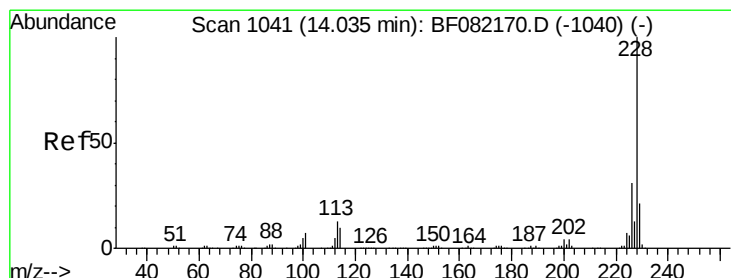
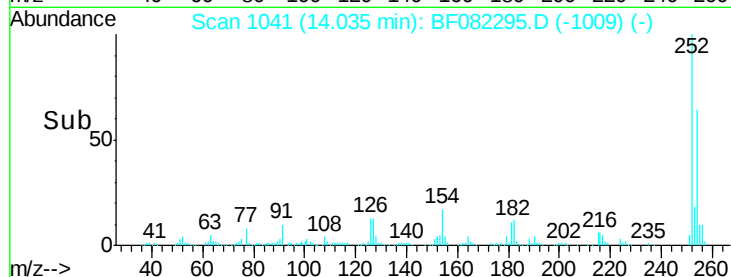
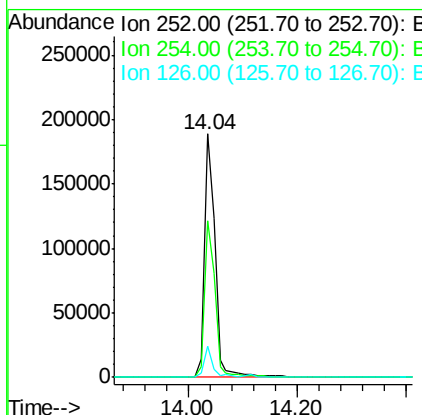
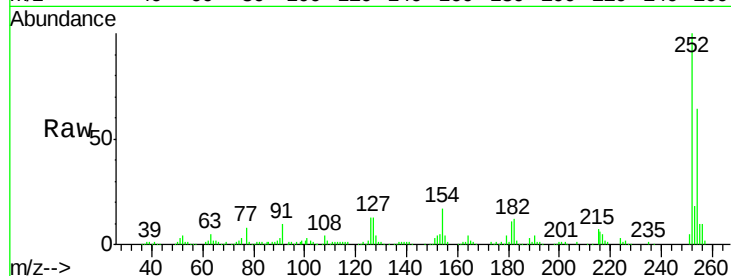




#81
 3,3'-Dichlorobenzidine
 Concen: 40.43 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.07 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

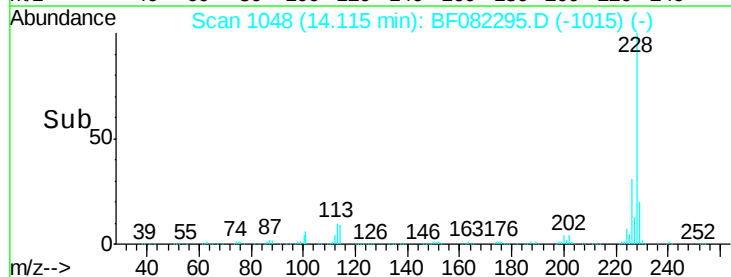
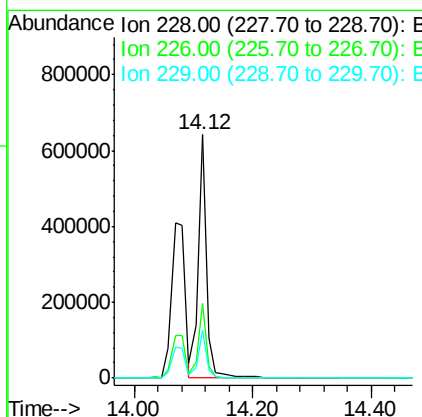
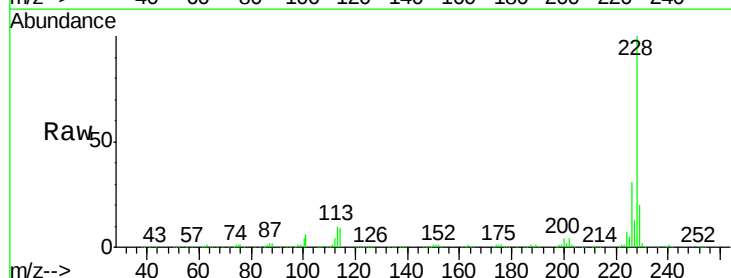
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

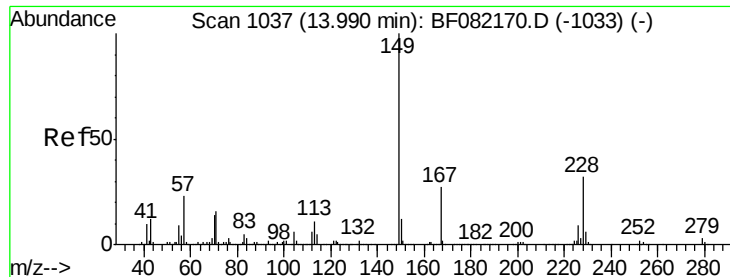
Tot Ion:252 Resp: 251908
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.7 76.1
 126 12.6 9.0 13.6



#82
 Chrysene
 Concen: 37.40 ng
 RT: 14.12 min Scan# 1048
 Delta R.T. 0.08 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion:228 Resp: 646788
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.4 36.6
 229 19.8 16.3 24.5

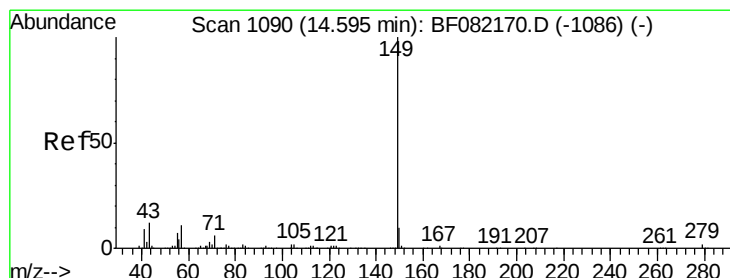
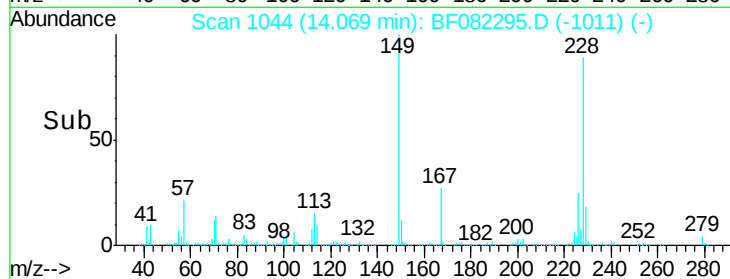
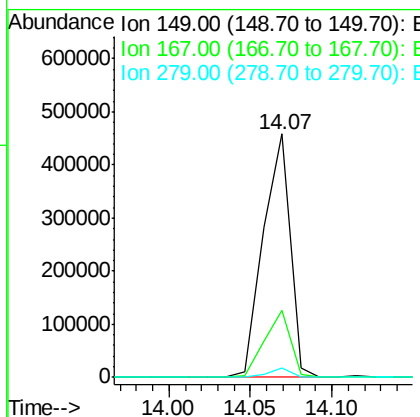
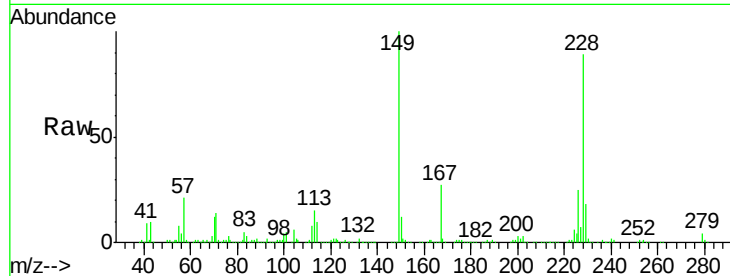




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.43 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.08 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

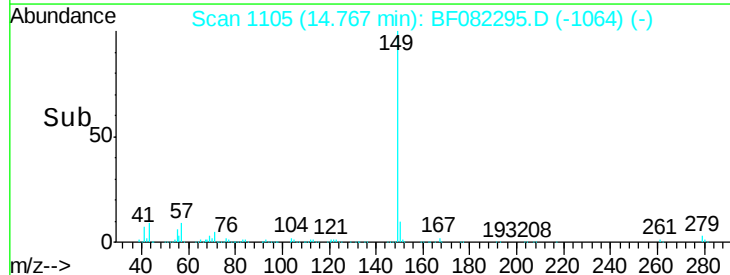
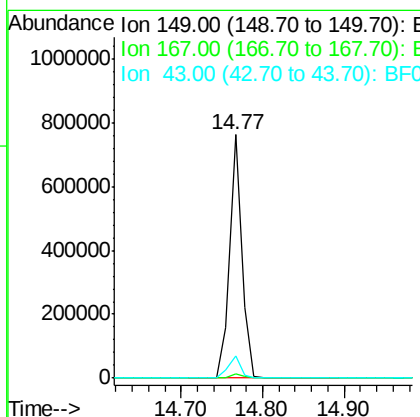
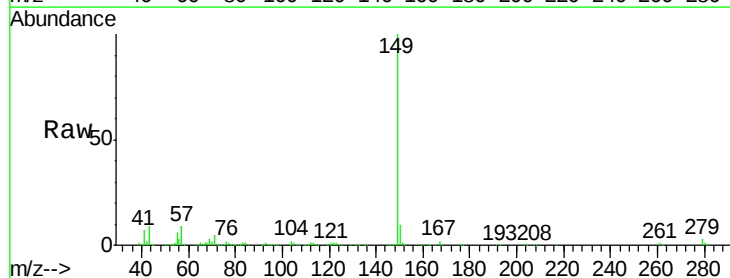
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

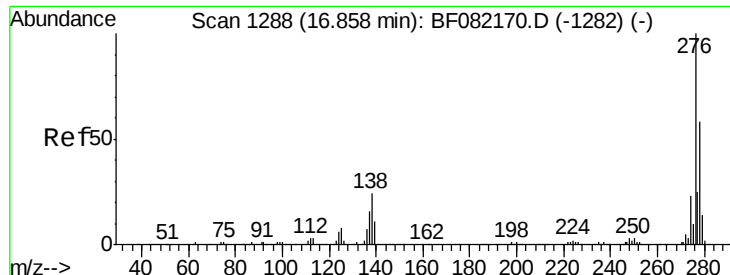
Tot Ion:149 Resp: 529376
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 3.9 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 37.90 ng
 RT: 14.77 min Scan# 1105
 Delta R.T. 0.17 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion:149 Resp: 793283
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.2 7.4 11.2

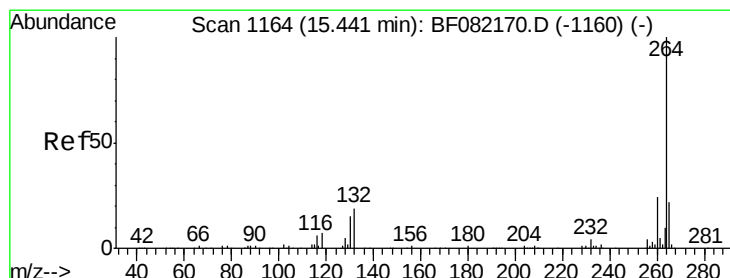
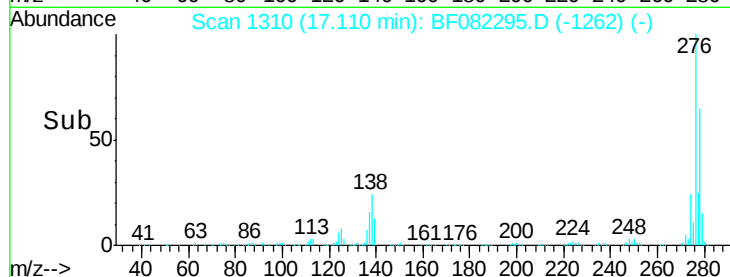
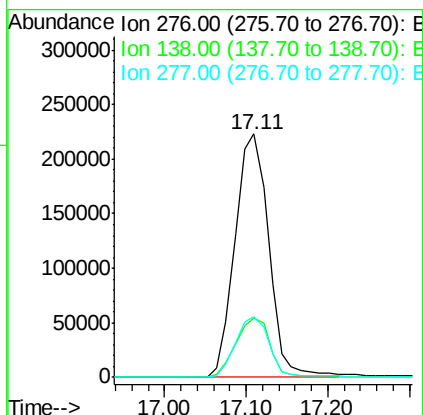
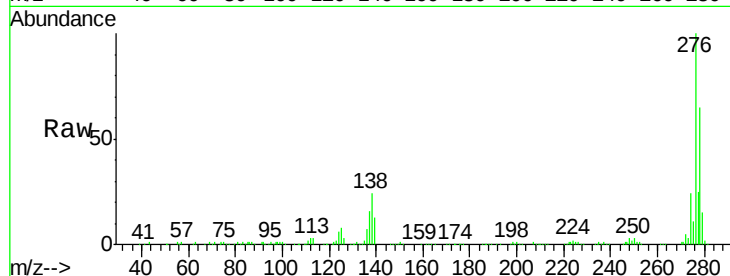




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.70 ng
RT: 17.11 min Scan# 1310
Delta R.T. 0.25 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

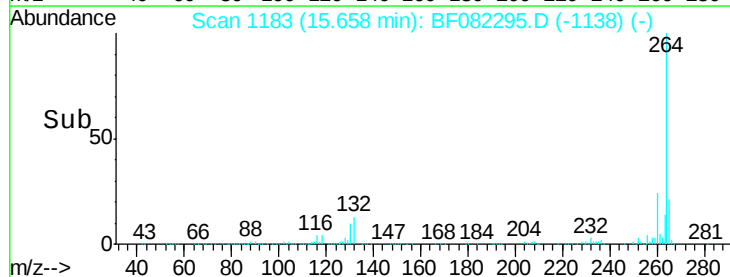
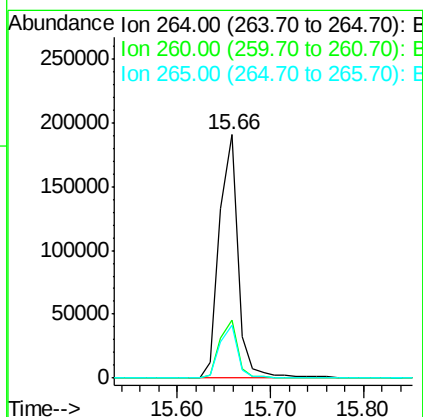
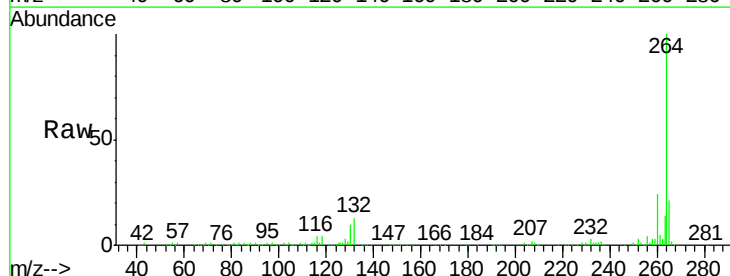
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

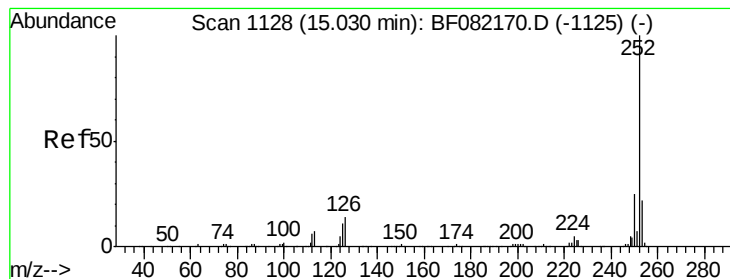
Tot Ion:276 Resp: 641921
Ion Ratio Lower Upper
276 100
138 25.0 19.7 29.5
277 25.2 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.66 min Scan# 1183
Delta R.T. 0.22 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion:264 Resp: 266298
Ion Ratio Lower Upper
264 100
260 23.8 19.0 28.6
265 21.5 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 37.64 ng

RT: 15.24 min Scan# 1146

Delta R.T. 0.21 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

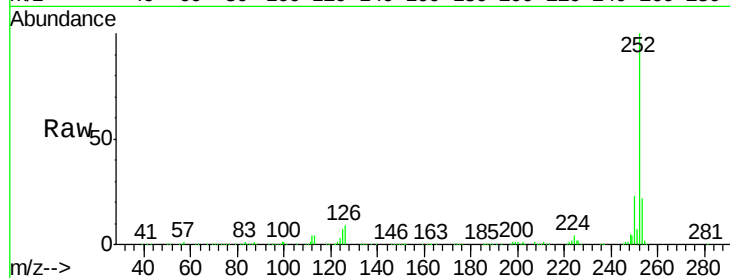
Tot Ion:252 Resp: 609846

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

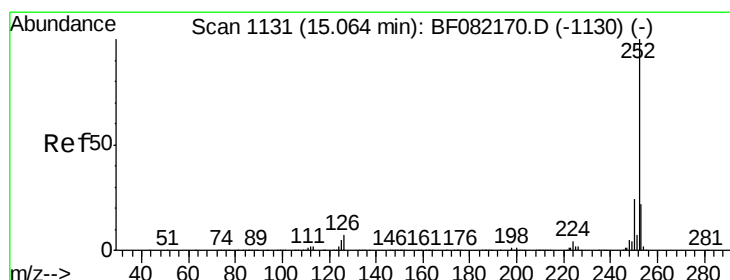
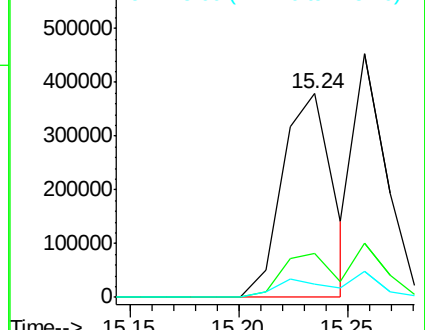
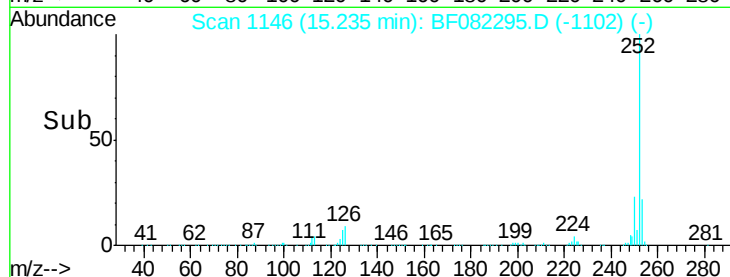
125 6.6 8.6 12.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.78 ng

RT: 15.24 min Scan# 1146

Delta R.T. 0.17 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

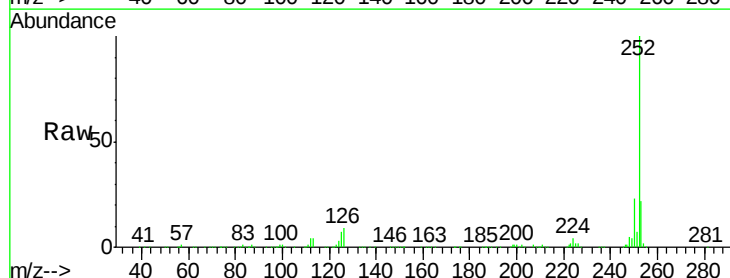
Tgt Ion:252 Resp: 609846

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

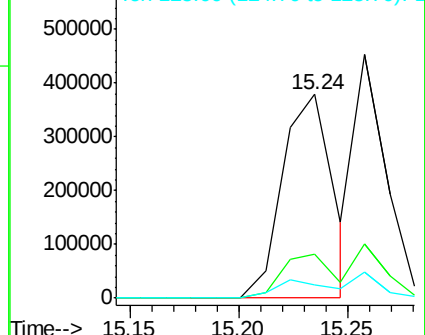
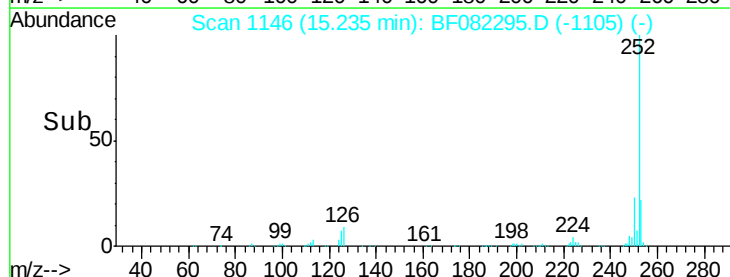
125 6.6 6.7 10.1#

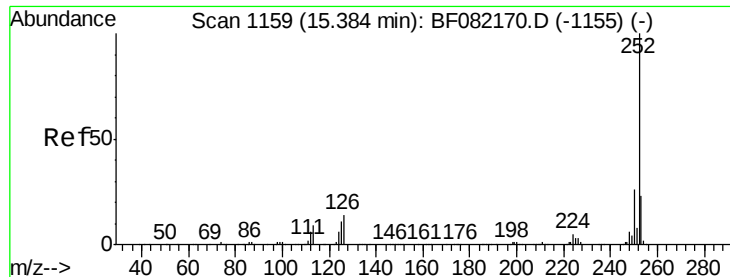


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.57 ng

RT: 15.59 min Scan# 1177

Delta R.T. 0.21 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

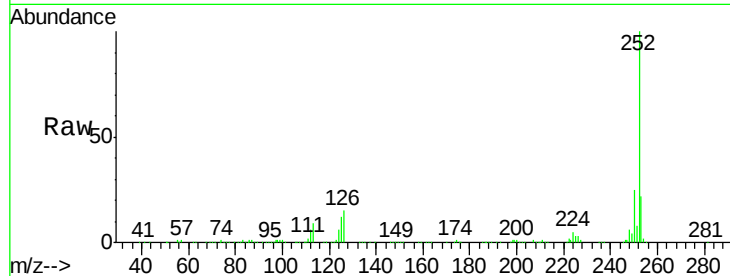
Tot Ion:252 Resp: 523176

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

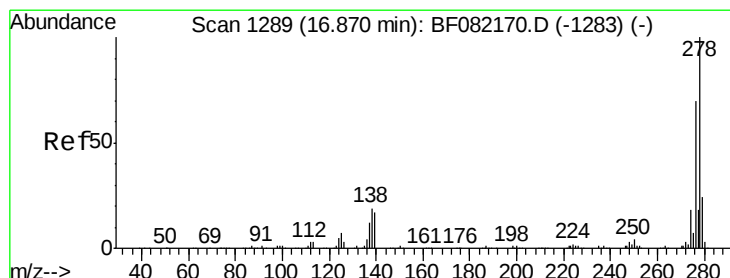
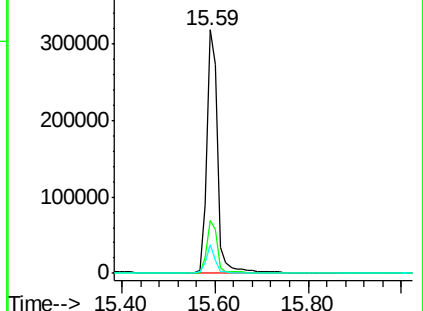
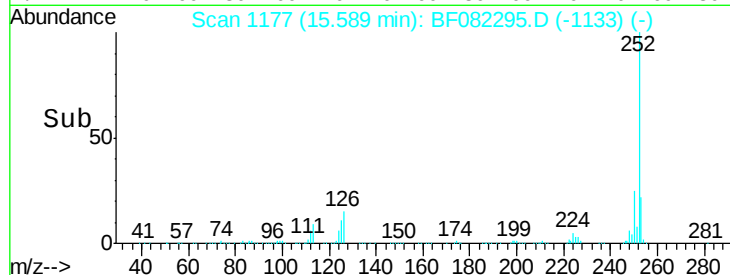
125 11.6 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.68 ng

RT: 17.12 min Scan# 1311

Delta R.T. 0.25 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

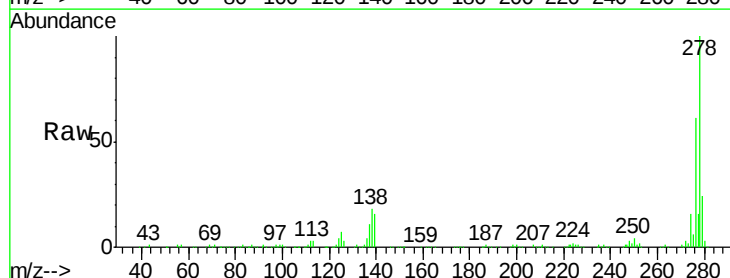
Tgt Ion:278 Resp: 544094

Ion Ratio Lower Upper

278 100

139 16.2 13.3 19.9

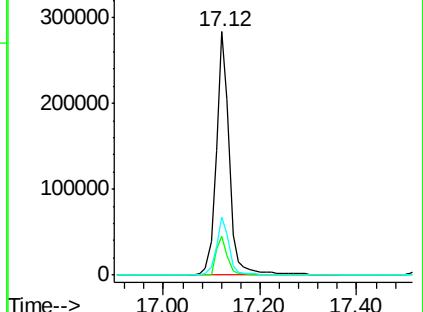
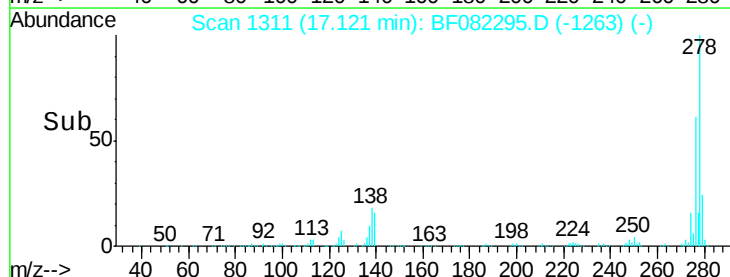
279 23.8 18.9 28.3

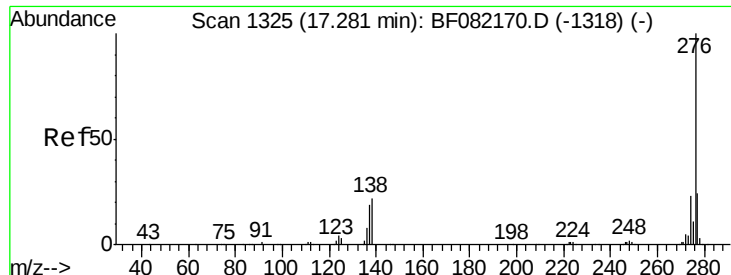


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 49.41 ng

RT: 17.54 min Scan# 1348

Delta R.T. 0.26 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

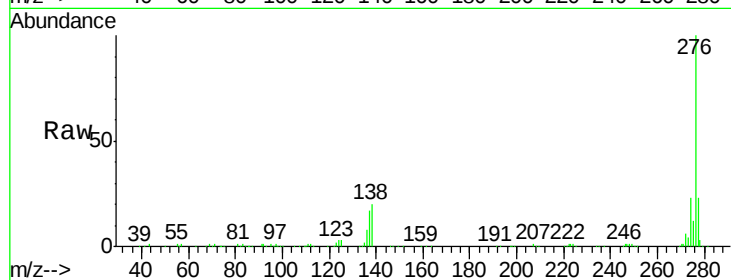
Tot Ion:276 Resp: 547686

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 19.8 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

