

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080827.D
 Acq On : 4 Aug 2015 6:40
 Operator : TP
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 04 07:11:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:58:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	206530	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	798151	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	353883	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	595198	20.00	ng	0.00
75) Chrysene-d12	13.99	240	365625	20.00	ng	0.00
86) Perylene-d12	15.39	264	324109	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1025149	82.75	ng	0.00
7) Phenol-d6	6.46	99	1273479	76.42	ng	0.00
23) Nitrobenzene-d5	7.40	82	1147527	70.95	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	299051	88.19	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1729575	73.88	ng	0.00
78) Terphenyl-d14	12.93	244	1382431	75.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	231738	36.93	ng	99
3) Pyridine	3.18	79	671740	40.53	ng	99
4) n-Nitrosodimethylamine	3.14	42	352352	38.28	ng	99
6) Aniline	6.50	93	921485	38.68	ng	99
8) 2-Chlorophenol	6.62	128	521746	38.02	ng	100
9) Benzaldehyde	6.38	77	391563	39.96	ng	99
10) Phenol	6.48	94	659622	33.89	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	571196	40.93	ng	98
12) 1,3-Dichlorobenzene	6.77	146	563514	36.63	ng	100
13) 1,4-Dichlorobenzene	6.85	146	607811	39.65	ng	99
14) 1,2-Dichlorobenzene	7.00	146	511964	36.10	ng	# 89
15) Benzyl Alcohol	6.98	79	437759	38.68	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1041309	37.74	ng	100
17) 2-Methylphenol	7.09	107	481954	39.83	ng	98
18) Hexachloroethane	7.34	117	215158	38.07	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	398587	36.98	ng	100
20) 3+4-Methylphenols	7.24	107	513689	36.55	ng	99
22) Acetophenone	7.25	105	758766	39.15	ng	98
24) Nitrobenzene	7.42	77	629035	38.11	ng	99
25) Isophorone	7.66	82	1125883	38.92	ng	100
26) 2-Nitrophenol	7.73	139	265564	37.63	ng	98
27) 2,4-Dimethylphenol	7.78	122	532194	39.58	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	603822	34.55	ng	99
29) 2,4-Dichlorophenol	7.97	162	417032	37.07	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	477485	38.88	ng	99
31) Naphthalene	8.14	128	1519101	38.74	ng	100
32) Benzoic acid	7.89	122	327329	40.19	ng	96
33) 4-Chloroaniline	8.19	127	661618	40.10	ng	99
34) Hexachlorobutadiene	8.26	225	276894	36.75	ng	99
35) Caprolactam	8.57	113	134232	43.07	ng	# 89
36) 4-Chloro-3-methylphenol	8.67	107	475937	39.72	ng	99
37) 2-Methylnaphthalene	8.83	142	932167	37.93	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	436941	38.88	ng	99
40) Hexachlorocyclopentadiene	8.99	237	269717	39.23	ng	100

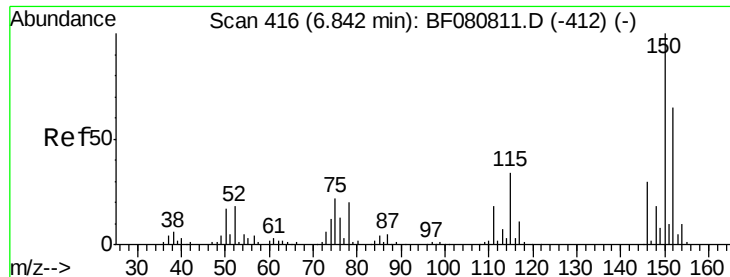
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080827.D
 Acq On : 4 Aug 2015 6:40
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	302371	37.89	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	308198	39.46	ng	98
45) 1,1'-Biphenyl	9.30	154	1121690	41.87	ng	99
46) 2-Chloronaphthalene	9.32	162	896031	40.31	ng	100
47) 2-Nitroaniline	9.41	65	354808	43.21	ng	96
48) Acenaphthylene	9.73	152	1395213	40.25	ng	99
49) Dimethylphthalate	9.60	163	867229	36.68	ng	100
50) 2,6-Dinitrotoluene	9.65	165	190102	37.33	ng	95
51) Acenaphthene	9.90	154	820202	39.27	ng	99
52) 3-Nitroaniline	9.82	138	246330	41.69	ng	95
53) 2,4-Dinitrophenol	9.93	184	120528	46.27	ng	96
54) Dibenzofuran	10.08	168	1113179	40.27	ng	99
55) 4-Nitrophenol	9.97	139	155229	36.75	ng	96
56) 2,4-Dinitrotoluene	10.05	165	235700	36.61	ng	99
57) Fluorene	10.42	166	866148	40.38	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	231720	41.27	ng	95
59) Diethylphthalate	10.29	149	849438	37.62	ng	100
60) 4-Chlorophenyl-phenylether	10.41	204	379576	36.08	ng	100
61) 4-Nitroaniline	10.43	138	196581	35.95	ng	96
62) Azobenzene	10.57	77	1012605	38.72	ng	99
64) 4,6-Dinitro-2-methylphenol	10.46	198	160967	43.87	ng	92
65) n-Nitrosodiphenylamine	10.53	169	826883	39.69	ng	98
66) 4-Bromophenyl-phenylether	10.90	248	242352	37.06	ng	98
67) Hexachlorobenzene	10.97	284	302728	40.89	ng	98
68) Atrazine	11.06	200	214160	45.08	ng	99
69) Pentachlorophenol	11.15	266	158615	40.14	ng	96
70) Phenanthrene	11.38	178	1218357	39.36	ng	99
71) Anthracene	11.42	178	1108593	36.28	ng	100
72) Carbazole	11.58	167	1023090	38.66	ng	99
73) Di-n-butylphthalate	11.92	149	1143717	36.10	ng	100
74) Fluoranthene	12.56	202	1028209	34.68	ng	99
76) Benzidine	12.68	184	476359	41.45	ng	99
77) Pyrene	12.79	202	1095530	40.42	ng	99
79) Butylbenzylphthalate	13.41	149	451763	42.32	ng	98
80) Benzo(a)anthracene	13.97	228	832850	39.90	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	316393	42.72	ng	98
82) Chrysene	14.01	228	852789	42.03	ng	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	557875	42.34	ng	100
84) Di-n-octyl phthalate	14.58	149	870888	41.80	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	875918	47.07	ng	99
87) Benzo(b)fluoranthene	14.99	252	1382233	72.85	ng	100
88) Benzo(k)fluoranthene	14.99	252	1382233	83.60	ng	# 97
89) Benzo(a)pyrene	15.33	252	661794	40.90	ng	99
90) Dibenzo(a,h)anthracene	16.79	278	709792	45.28	ng	98
91) Benzo(g,h,i)perylene	17.19	276	756939	46.32	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

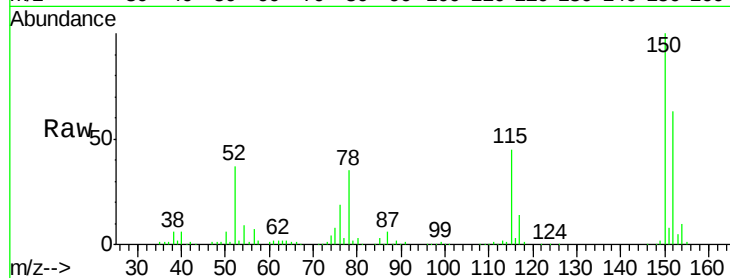
Tgt Ion:152 Resp: 206530

Ion Ratio Lower Upper

152 100

150 159.6 122.9 184.3

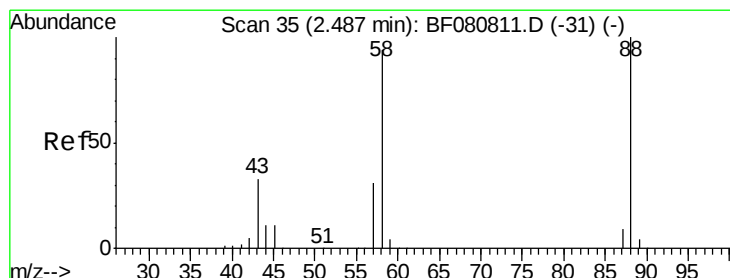
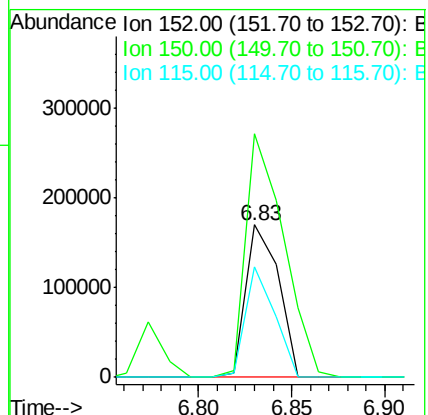
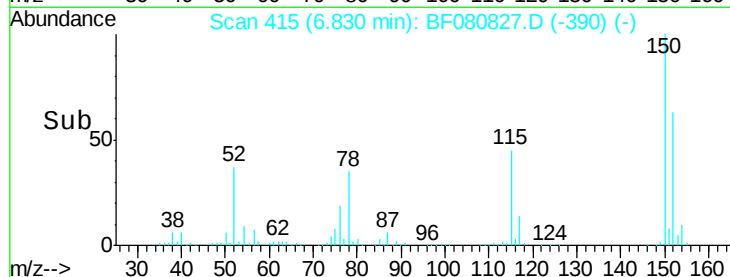
115 72.4 42.0 63.0#



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: 36.93 ng

RT: 2.48 min Scan# 34

Delta R.T. -0.01 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

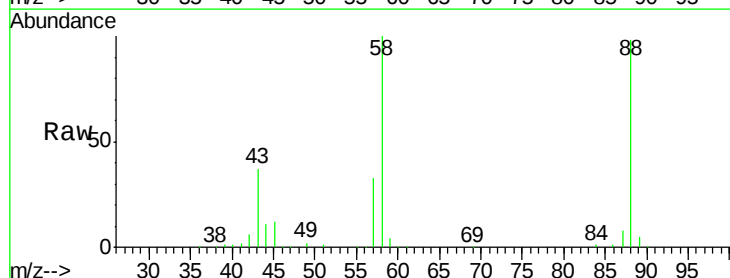
Tgt Ion: 88 Resp: 231738

Ion Ratio Lower Upper

88 100

58 99.1 78.2 117.4

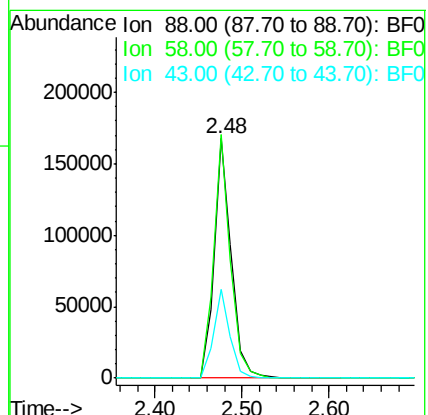
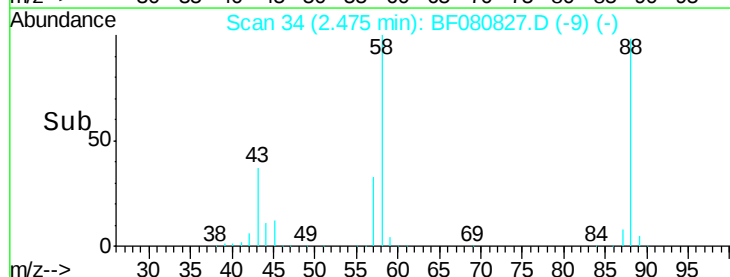
43 35.3 27.6 41.4

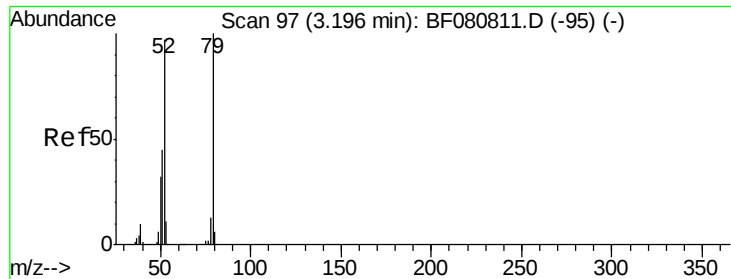


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.53 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.01 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

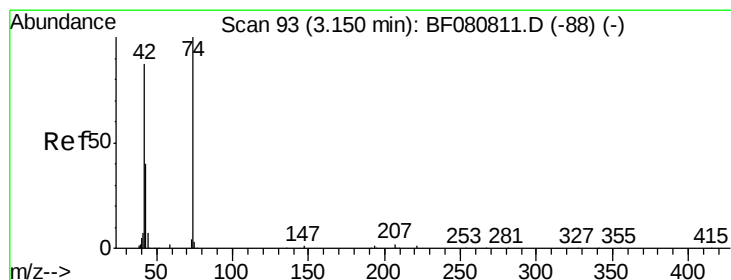
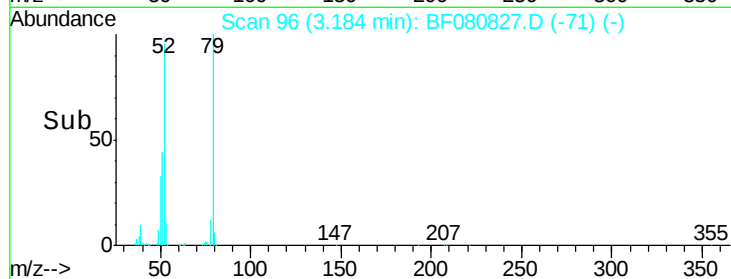
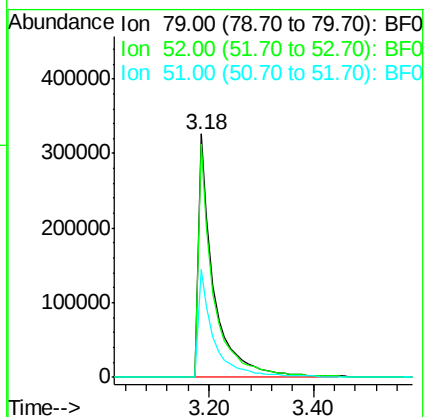
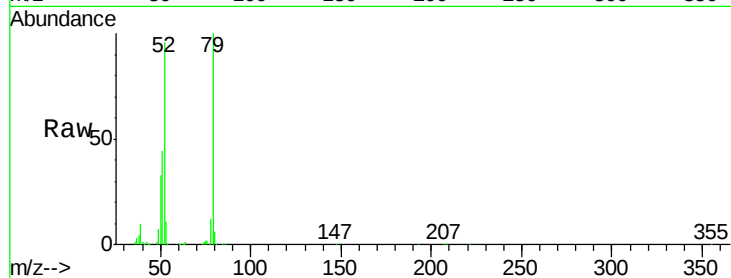
Tgt Ion: 79 Resp: 671740

Ion Ratio Lower Upper

79 100

52 96.0 77.7 116.5

51 44.2 35.8 53.8



#4

n-Nitrosodimethylamine

Concen: 38.28 ng

RT: 3.14 min Scan# 92

Delta R.T. -0.01 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

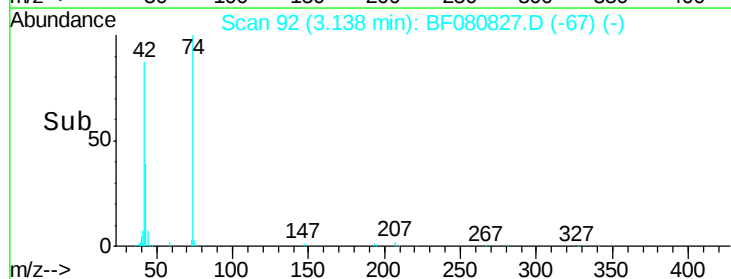
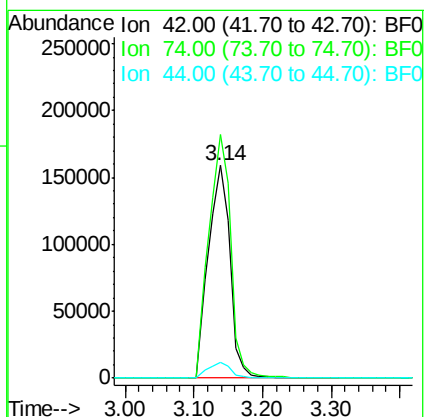
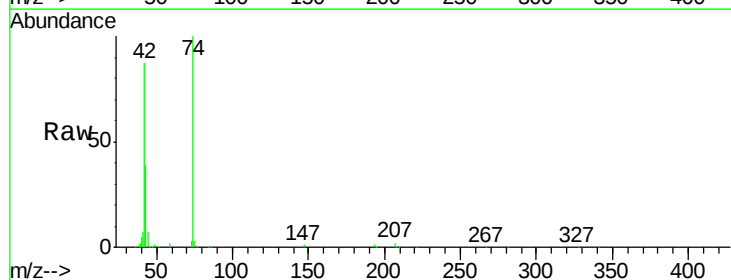
Tgt Ion: 42 Resp: 352352

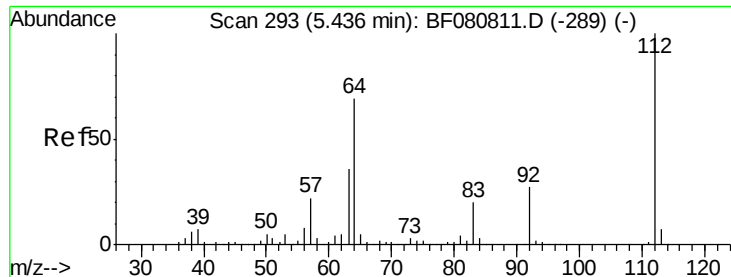
Ion Ratio Lower Upper

42 100

74 114.5 92.4 138.6

44 7.5 6.2 9.2





#5

2-Fluorophenol

Concen: 82.75 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

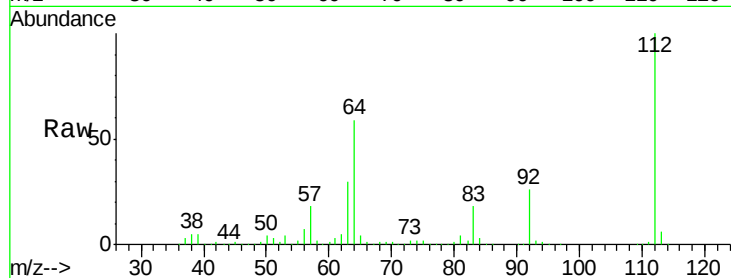
Tgt Ion: 112 Resp: 1025149

Ion Ratio Lower Upper

112 100

64 59.0 55.0 82.4

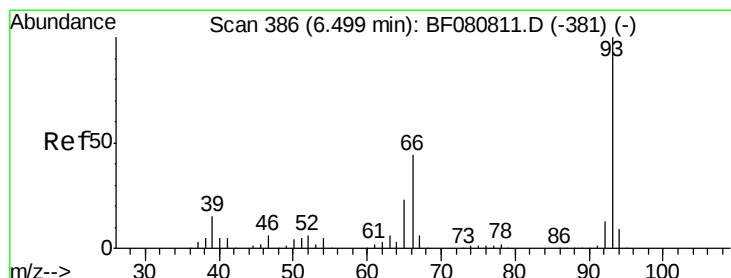
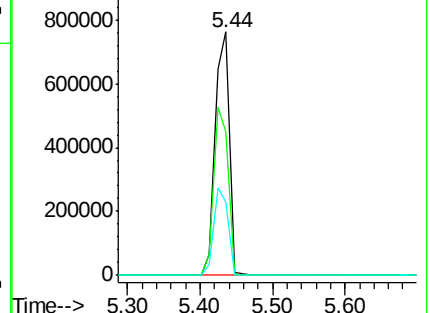
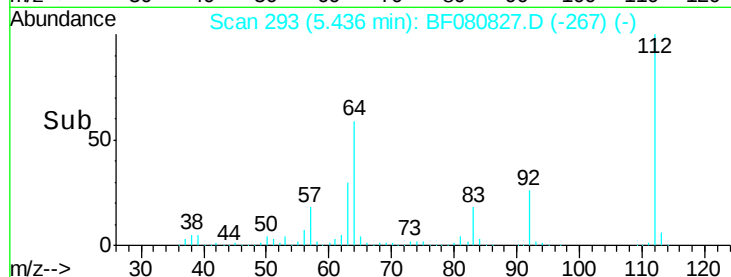
63 30.4 28.6 42.8



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: 38.68 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

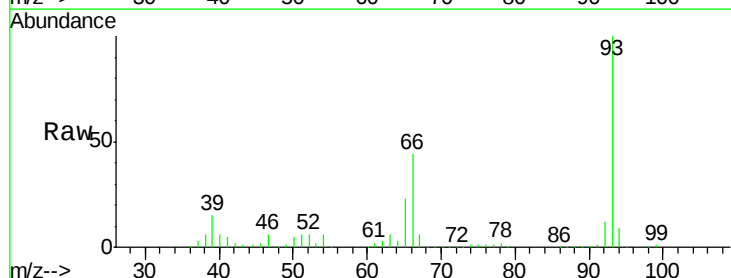
Tgt Ion: 93 Resp: 921485

Ion Ratio Lower Upper

93 100

66 44.5 35.3 52.9

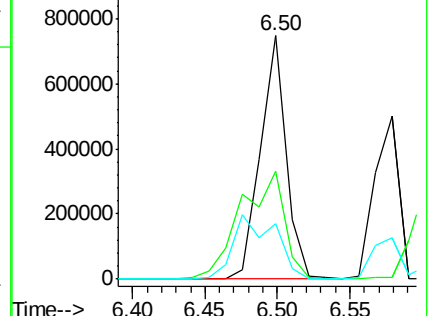
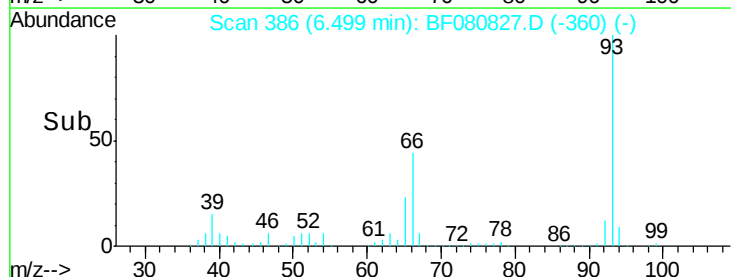
65 22.8 18.7 28.1

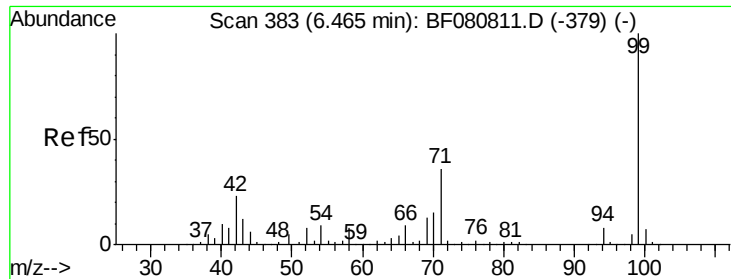


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.42 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

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ClientSampleId :

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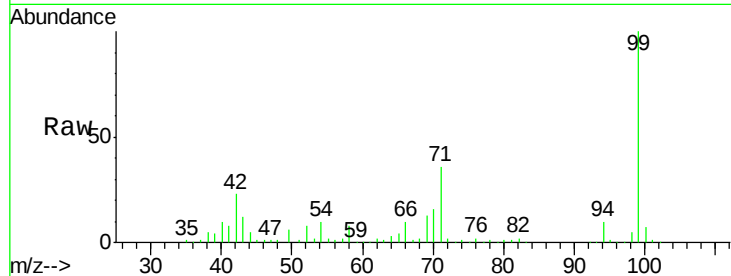
Tgt Ion: 99 Resp: 1273479

Ion Ratio Lower Upper

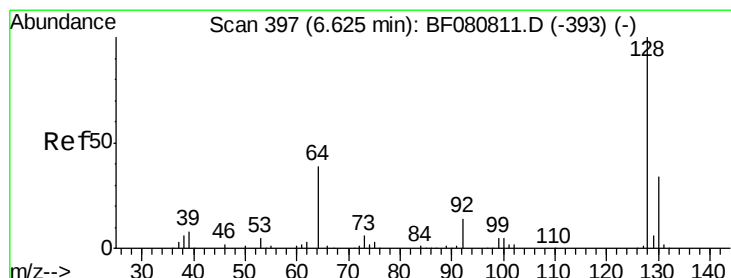
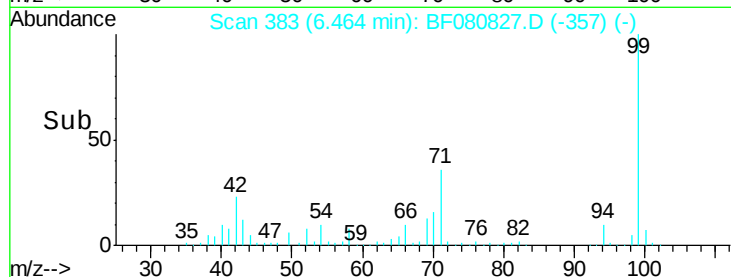
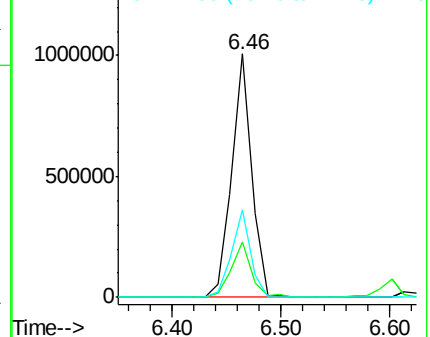
99 100

42 22.9 18.4 27.6

71 35.9 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.02 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

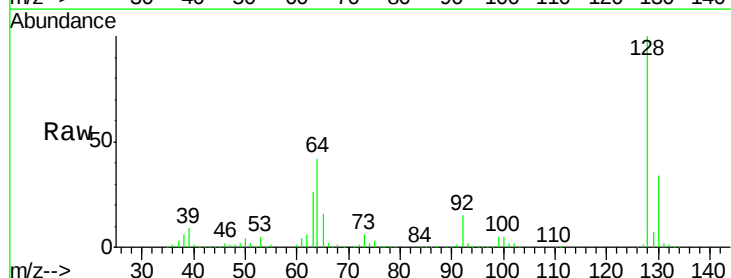
Tgt Ion: 128 Resp: 521746

Ion Ratio Lower Upper

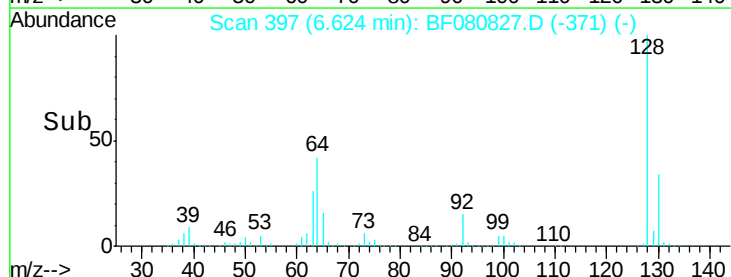
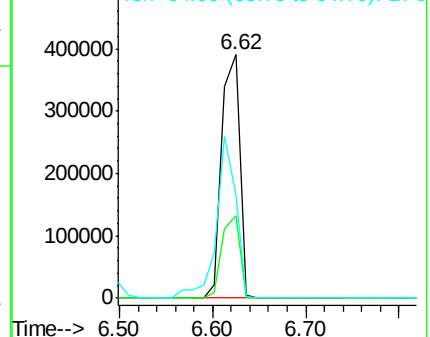
128 100

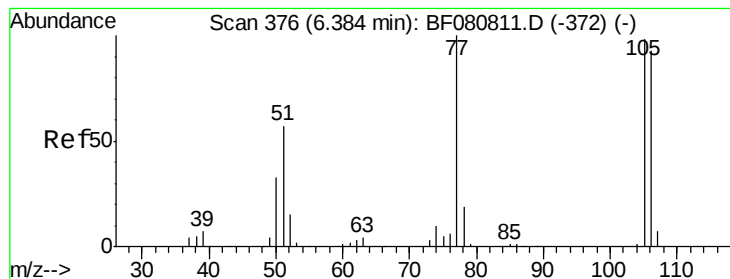
130 33.8 14.1 54.1

64 42.4 22.3 62.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.96 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

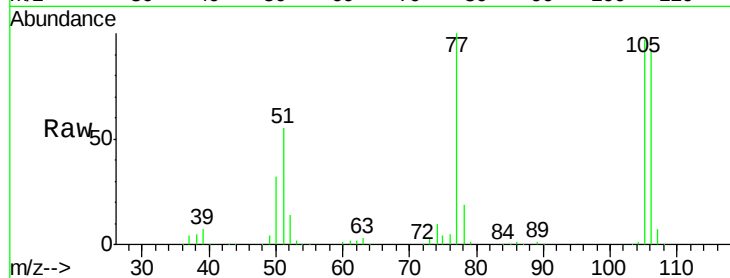
Tgt Ion: 77 Resp: 391563

Ion Ratio Lower Upper

77 100

105 97.5 78.1 118.1

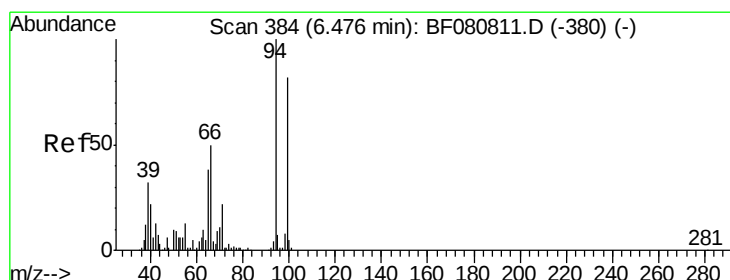
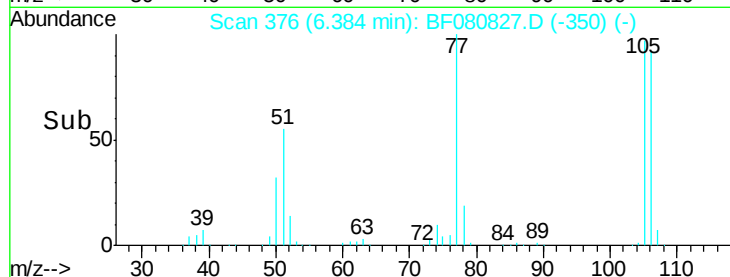
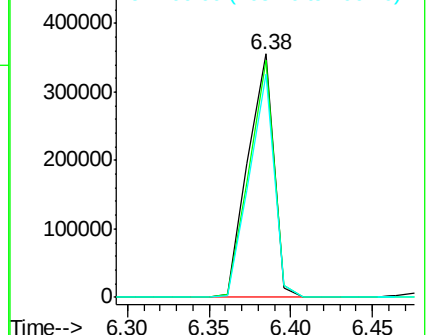
106 91.6 72.7 112.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.89 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

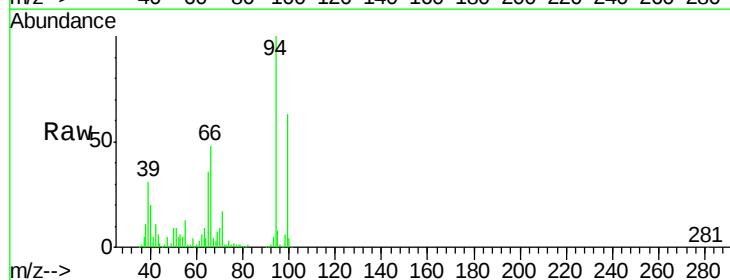
Tgt Ion: 94 Resp: 659622

Ion Ratio Lower Upper

94 100

65 36.3 17.5 57.5

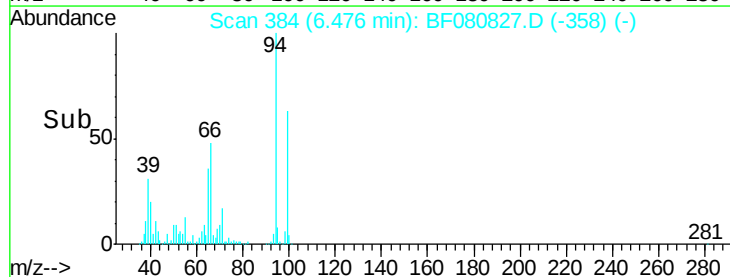
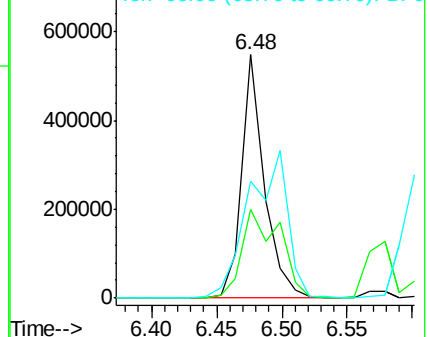
66 47.8 29.6 69.6

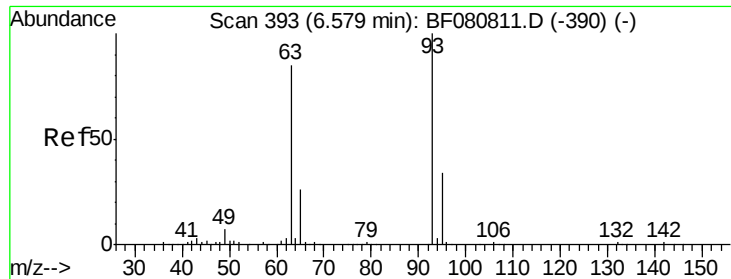


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

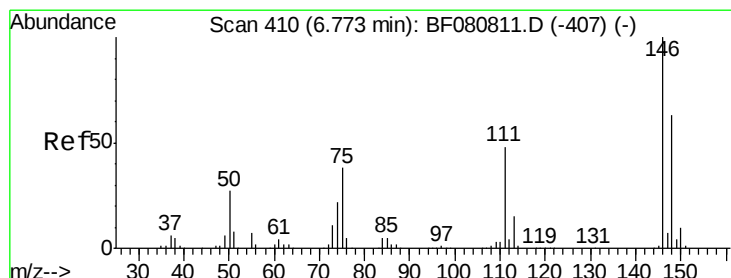
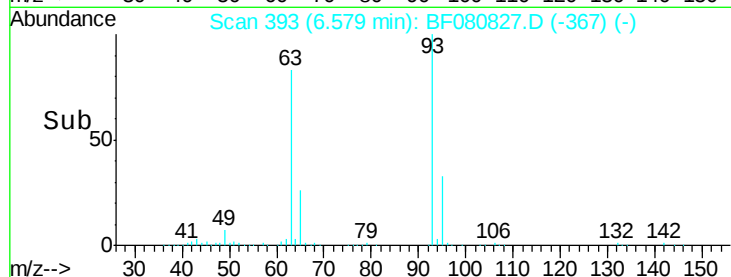
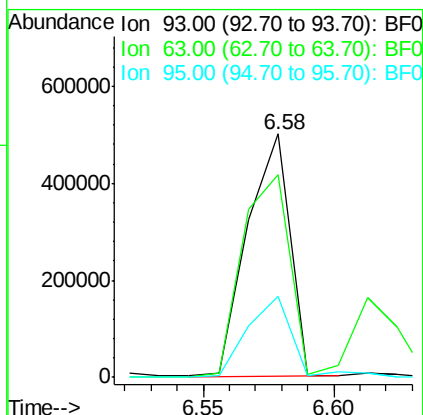
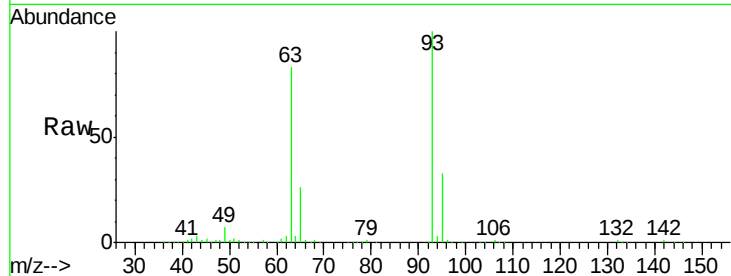




#11
bis(2-Chloroethyl)ether
Concen: 40.93 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

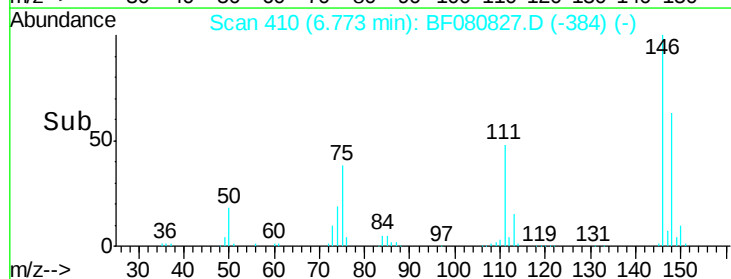
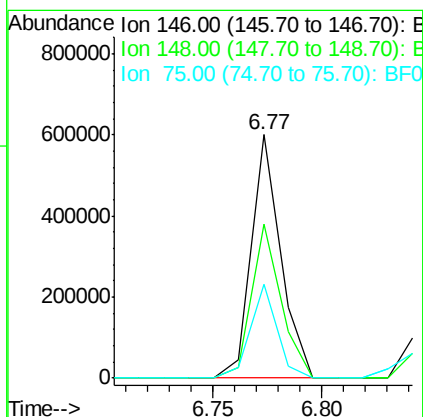
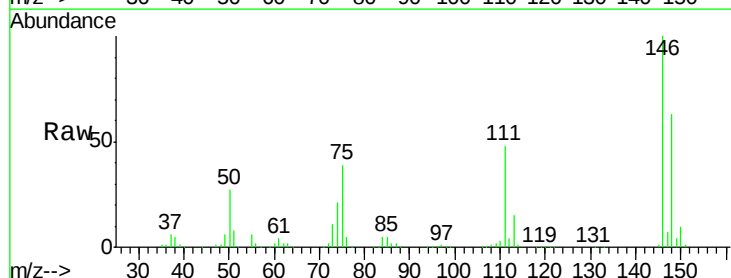
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

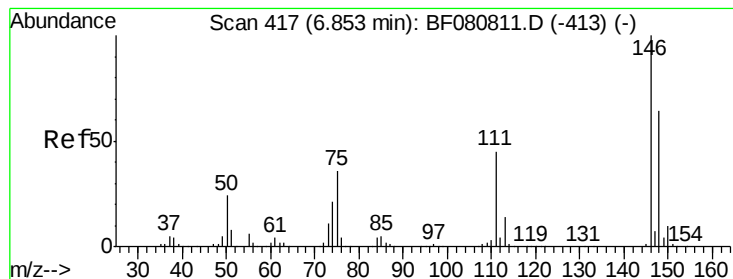
Tgt Ion: 93 Resp: 571196
Ion Ratio Lower Upper
93 100
63 83.0 64.9 104.9
95 33.2 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 36.63 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion: 146 Resp: 563514
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
75 38.6 30.7 46.1





#13

1,4-Dichlorobenzene

Concen: 39.65 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

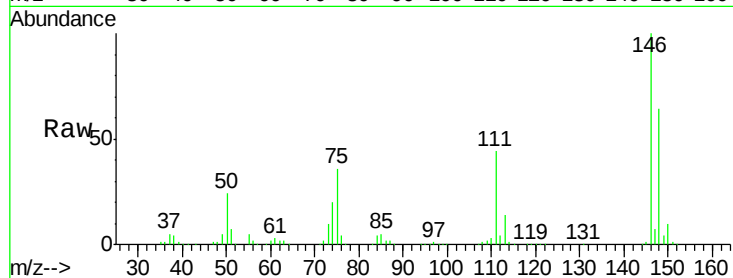
Tgt Ion:146 Resp: 607811

Ion Ratio Lower Upper

146 100

148 63.9 51.3 76.9

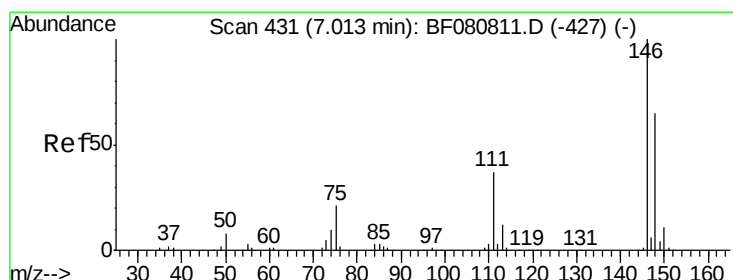
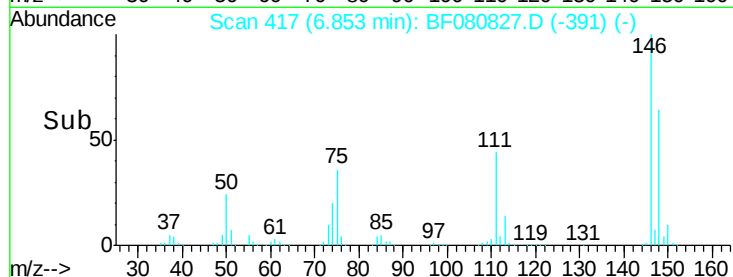
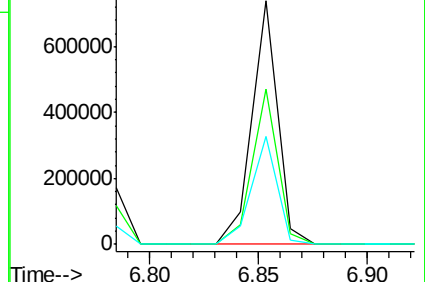
111 44.1 35.8 53.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.10 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

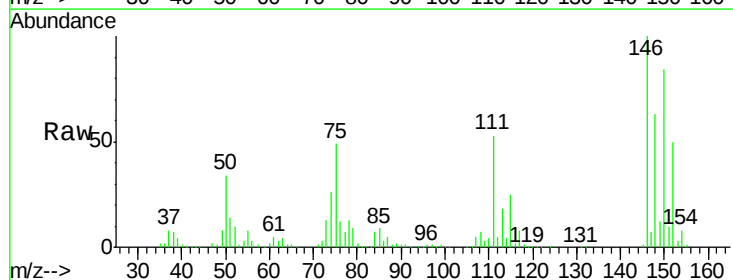
Tgt Ion:146 Resp: 511964

Ion Ratio Lower Upper

146 100

148 63.3 52.0 78.0

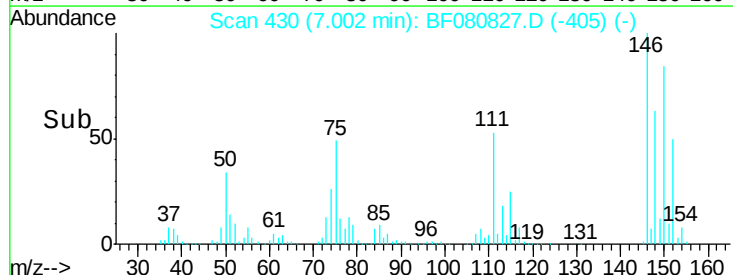
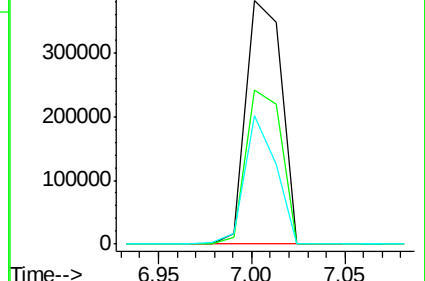
111 53.0 29.3 43.9#

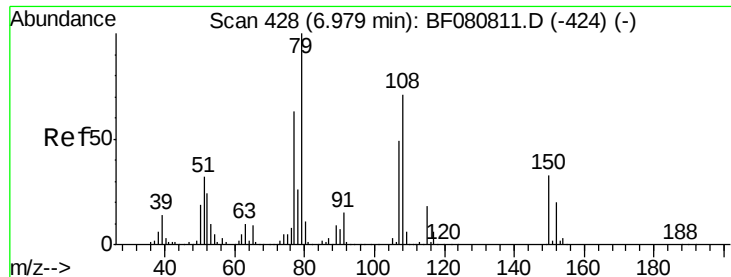


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.68 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

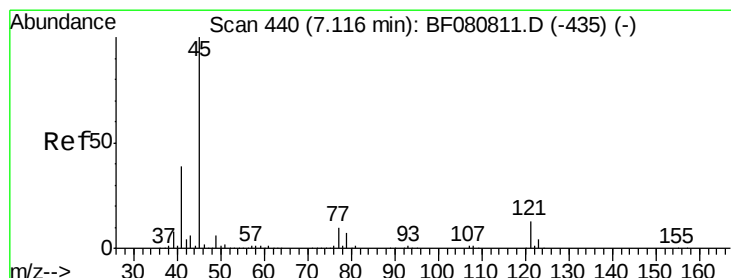
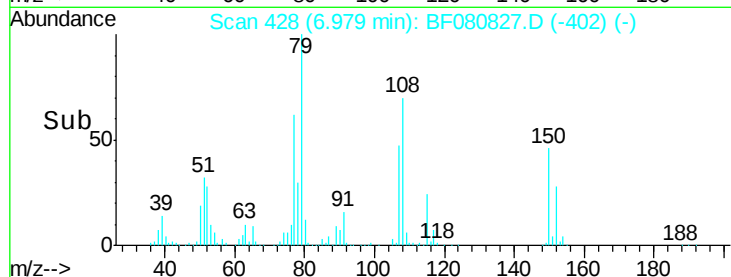
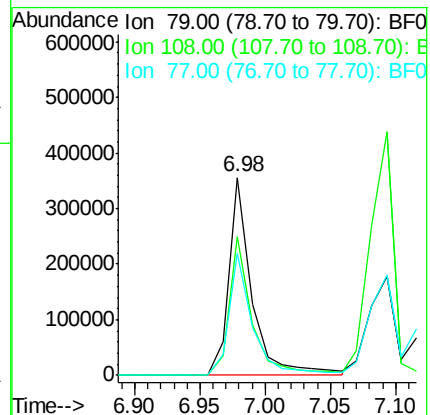
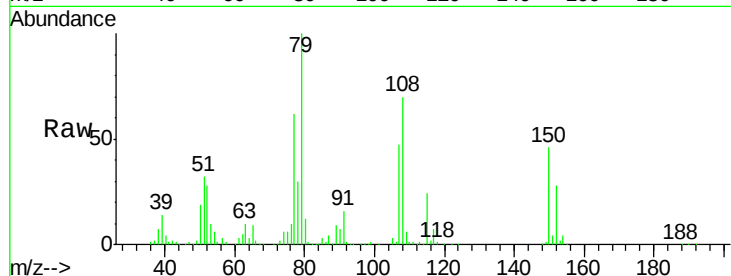
Tgt Ion: 79 Resp: 437759

Ion Ratio Lower Upper

79 100

108 69.9 56.9 85.3

77 61.9 50.4 75.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.74 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

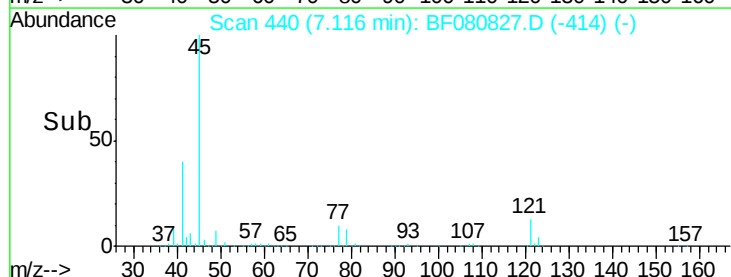
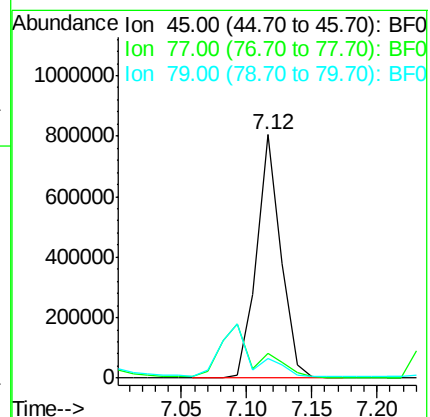
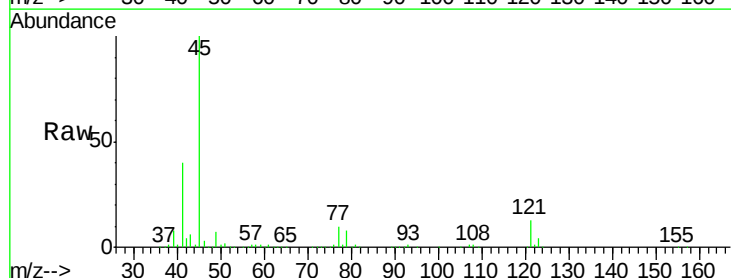
Tgt Ion: 45 Resp: 1041309

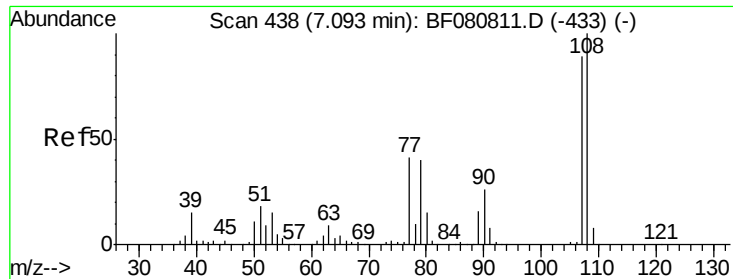
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.5

79 8.3 0.0 28.2

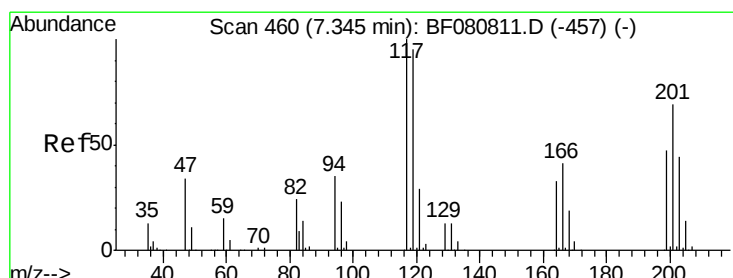
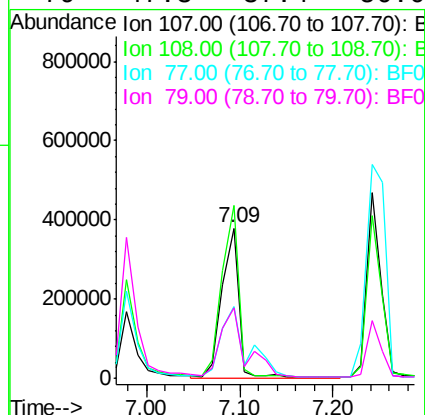
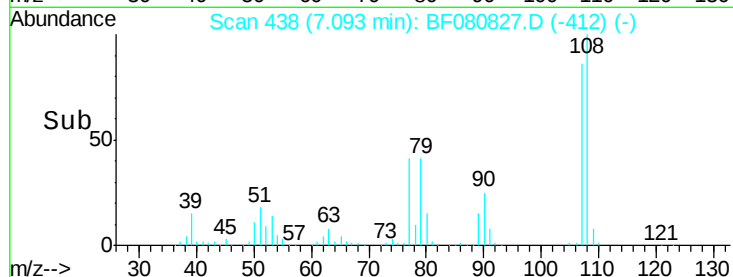
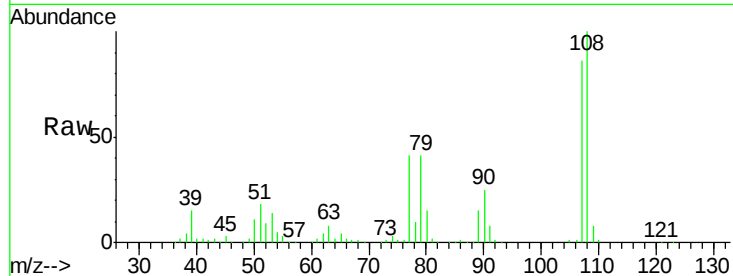




#17
 2-Methylphenol
 Concen: 39.83 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

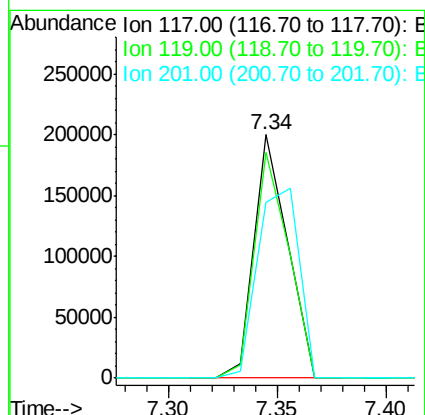
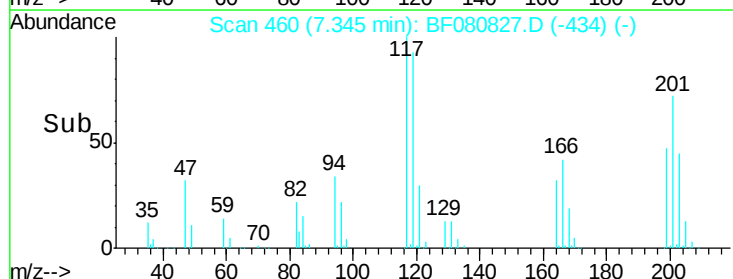
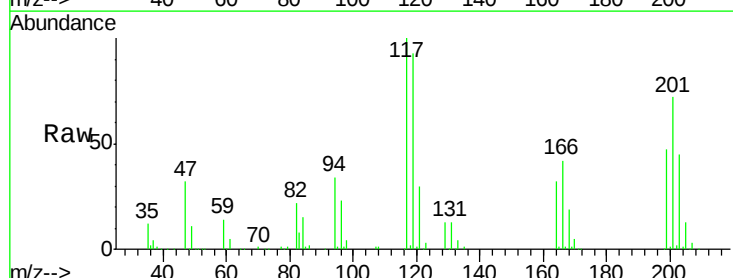
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

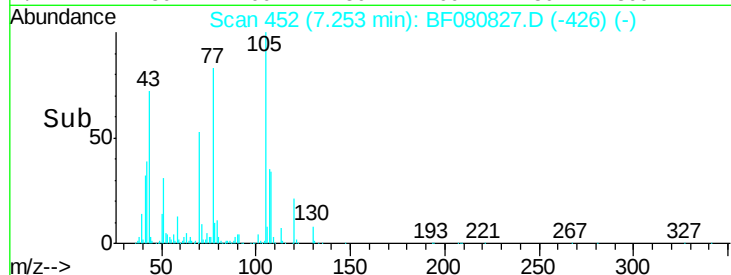
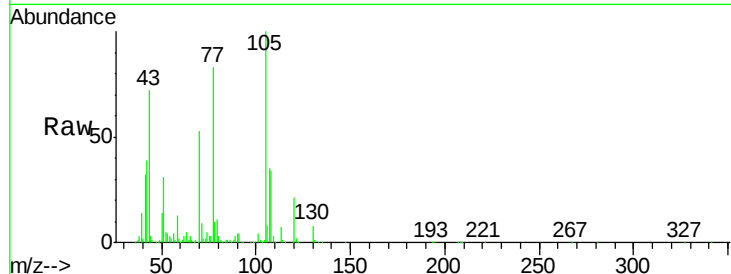
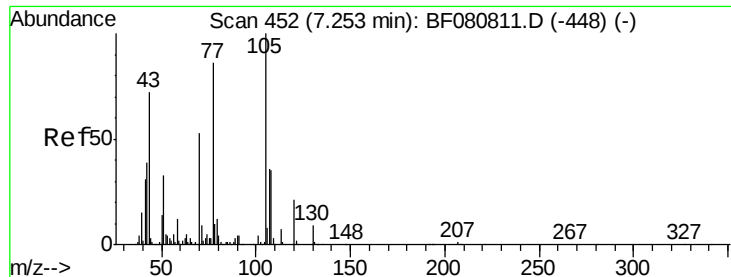
Tgt Ion:	107	Resp:	481954
Ion	Ratio	Lower	Upper
107	100		
108	115.7	90.6	135.8
77	47.5	37.8	56.8
79	47.3	37.4	56.0



#18
 Hexachloroethane
 Concen: 38.07 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion:	117	Resp:	215158
Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.3	114.5
201	72.1	55.5	83.3

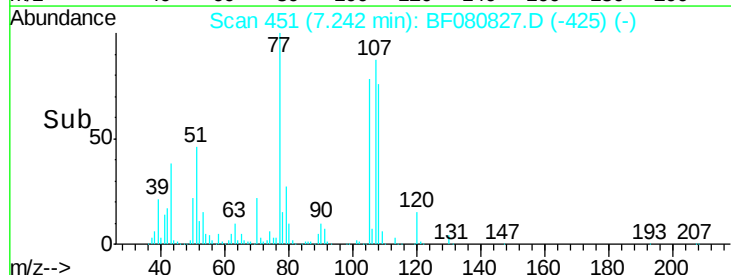
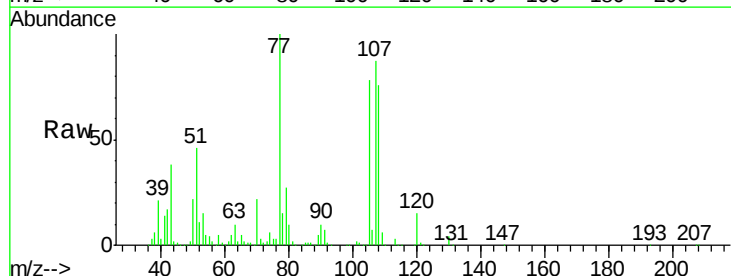
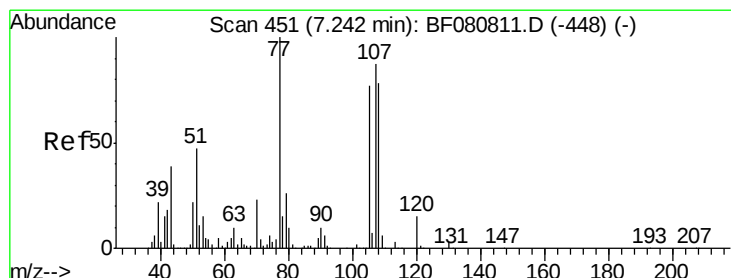
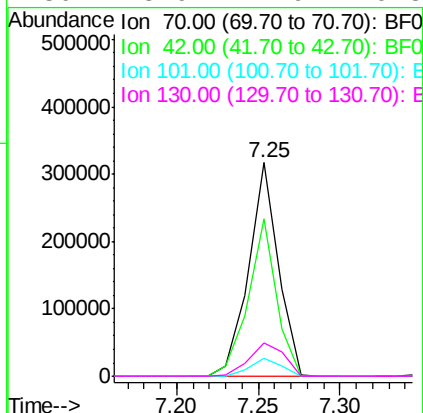




#19
n-Nitroso-di-n-propylamine
Concen: 36.98 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

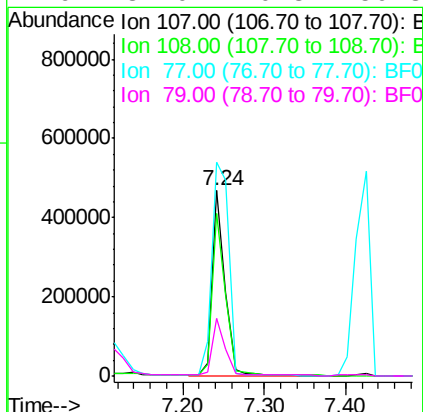
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

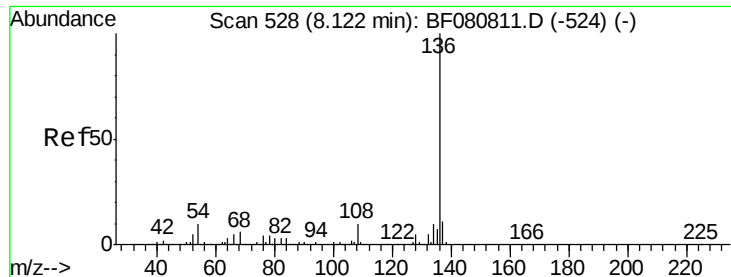
Tgt Ion:	70	Resp:	398587
Ion	Ratio	Lower	Upper
70	100		
42	73.8	59.1	88.7
101	8.3	6.6	10.0
130	15.9	12.9	19.3



#20
3+4-Methylphenols
Concen: 36.55 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion:	107	Resp:	513689
Ion	Ratio	Lower	Upper
107	100		
108	87.9	69.6	109.6
77	115.2	94.9	134.9
79	31.0	10.3	50.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 798151

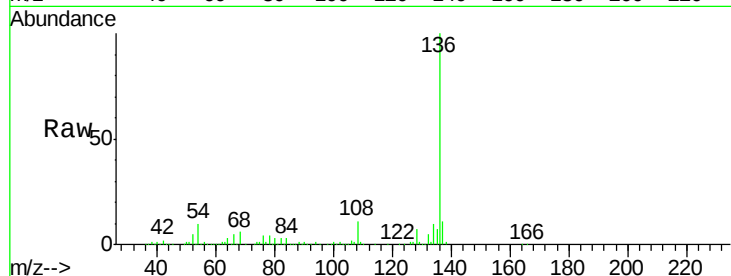
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 9.9 7.9 11.9

68 5.8 4.4 6.6

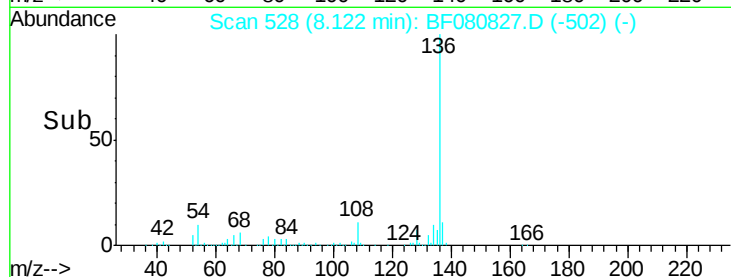


Abundance Ion 136.00 (135.70 to 136.70): E

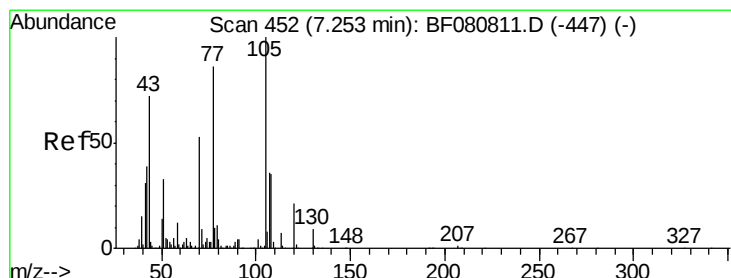
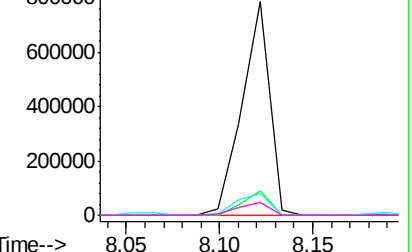
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 39.15 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Tgt Ion:105 Resp: 758766

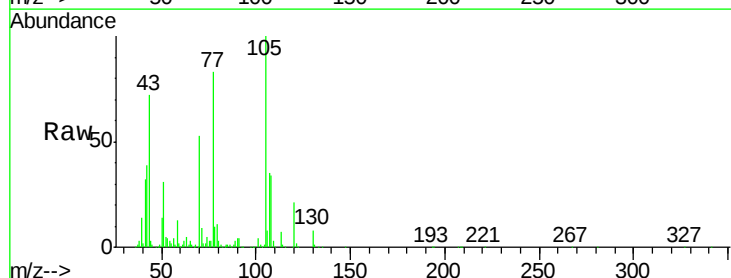
Ion Ratio Lower Upper

105 100

71 8.9 7.1 10.7

51 31.4 26.5 39.7

120 21.3 17.0 25.6

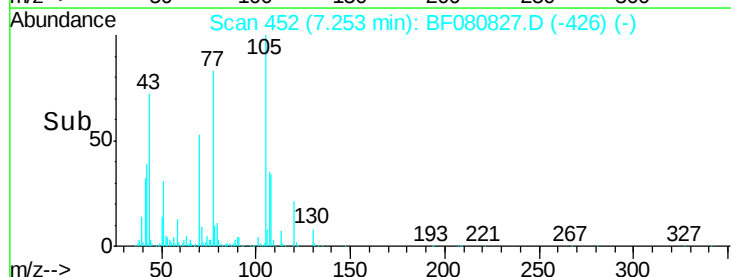


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

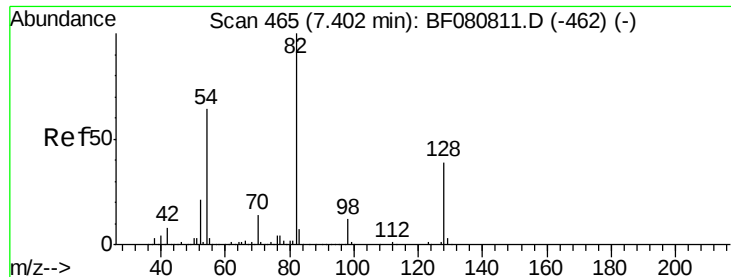
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 70.95 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

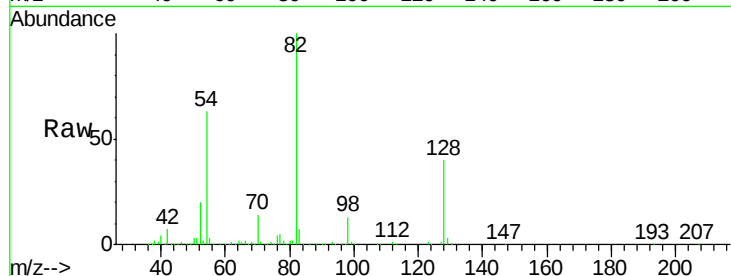
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 1147527

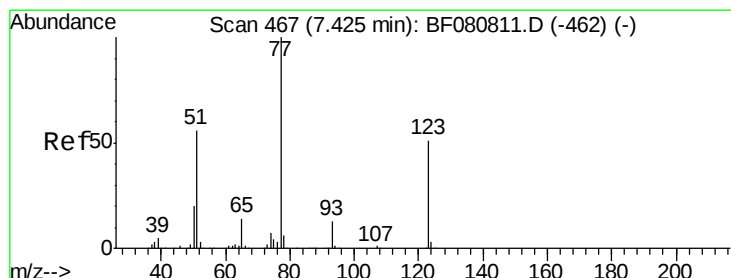
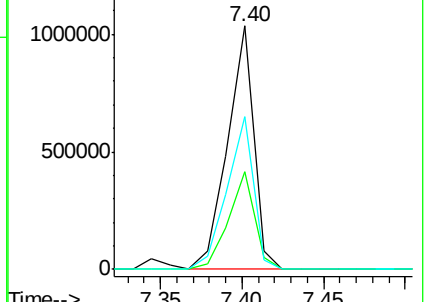
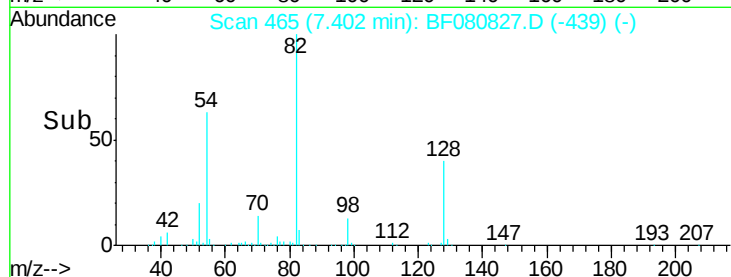
Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.4	47.0
54	63.0	51.0	76.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.11 ng

RT: 7.42 min Scan# 467

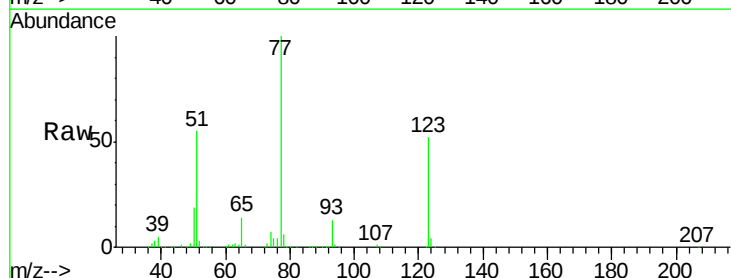
Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Tgt Ion: 77 Resp: 629035

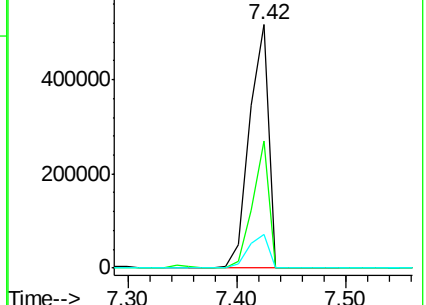
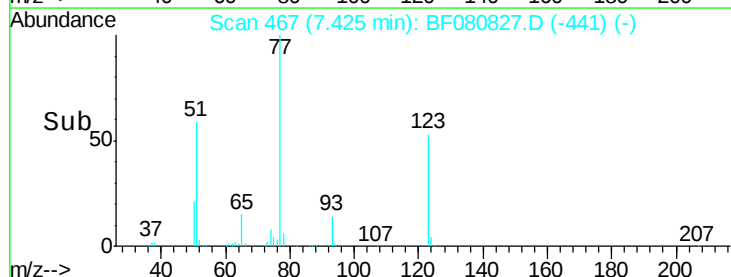
Ion	Ratio	Lower	Upper
77	100		
123	52.2	40.7	61.1
65	14.0	11.3	16.9

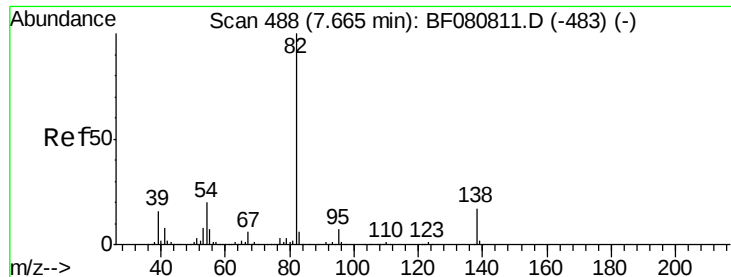


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.92 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

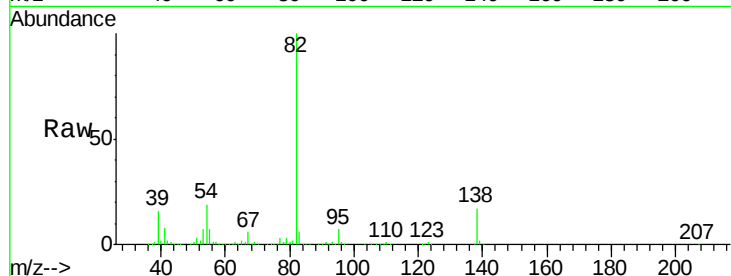
Tgt Ion: 82 Resp: 1125883

Ion Ratio Lower Upper

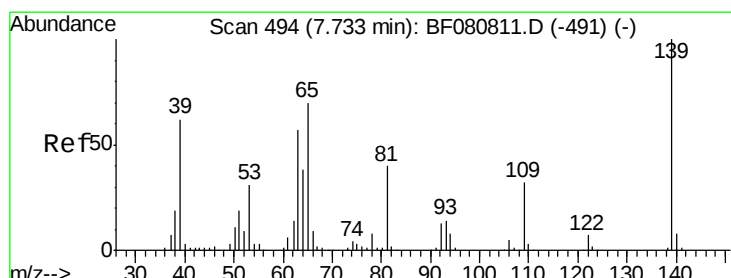
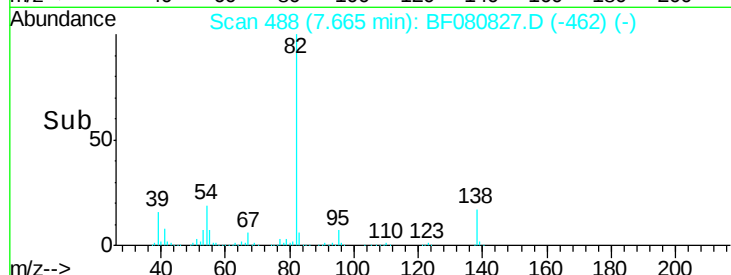
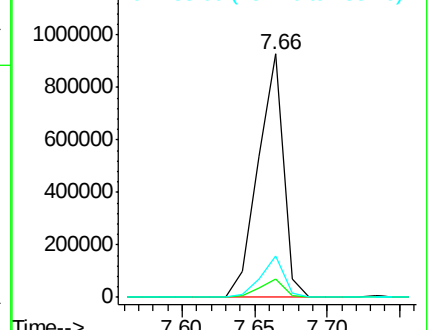
82 100

95 7.4 5.9 8.9

138 16.8 13.4 20.2



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: 37.63 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

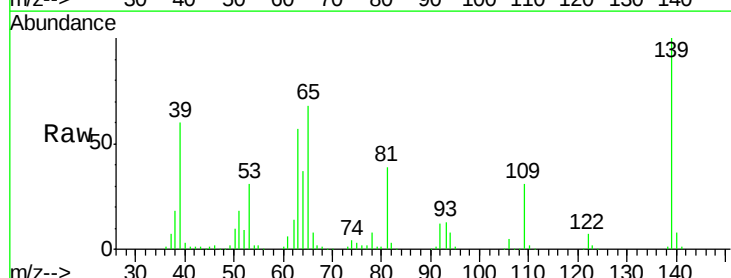
Tgt Ion: 139 Resp: 265564

Ion Ratio Lower Upper

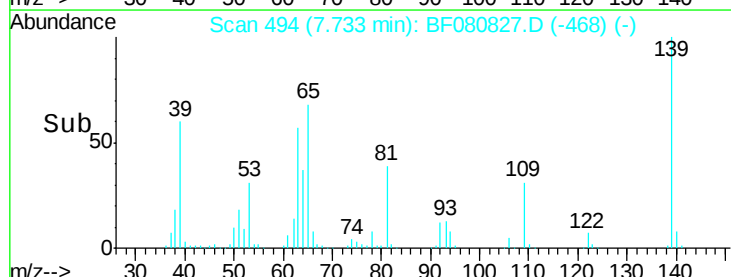
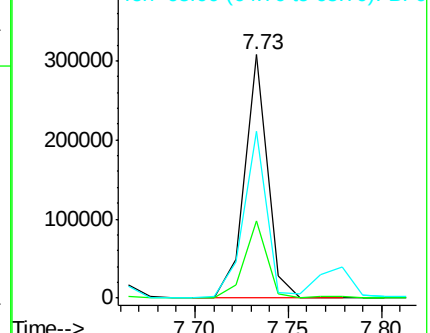
139 100

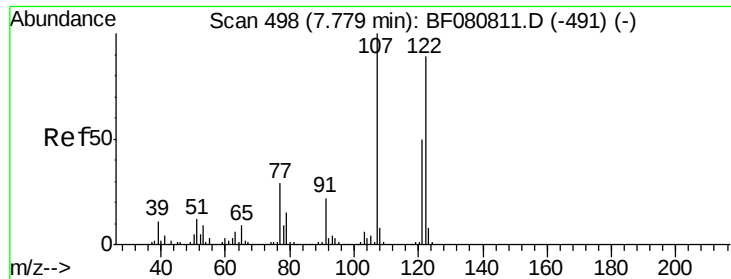
109 31.5 25.3 37.9

65 68.4 56.2 84.4



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

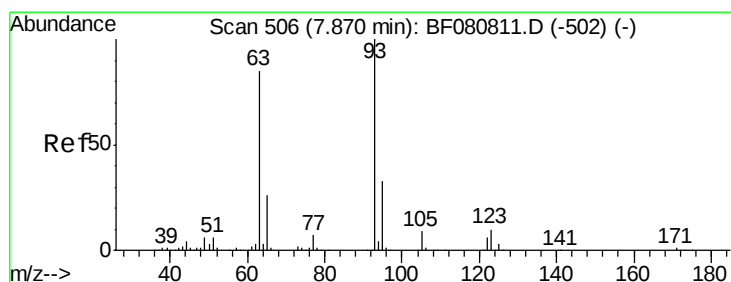
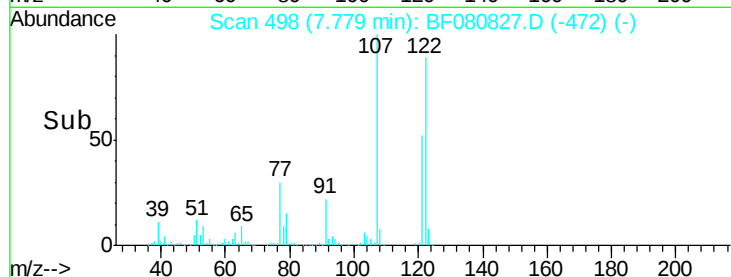
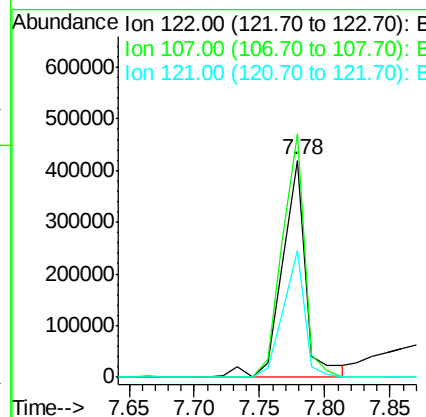
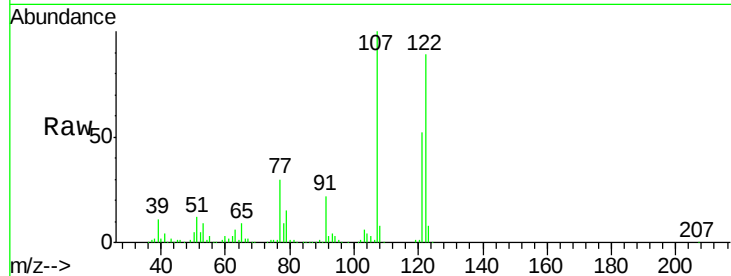




#27
 2,4-Dimethylphenol
 Concen: 39.58 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

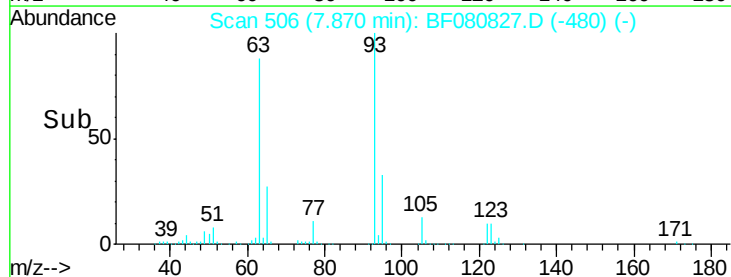
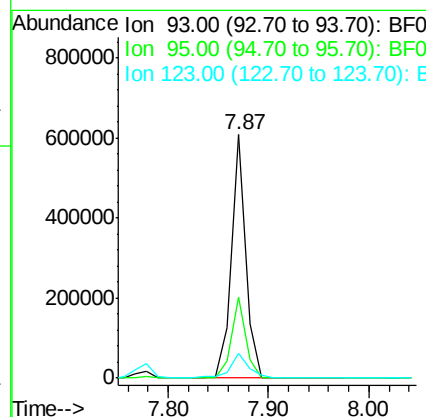
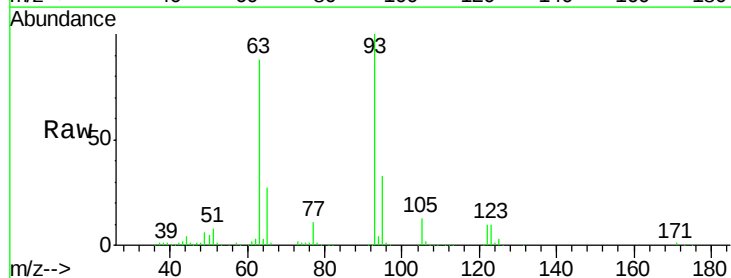
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

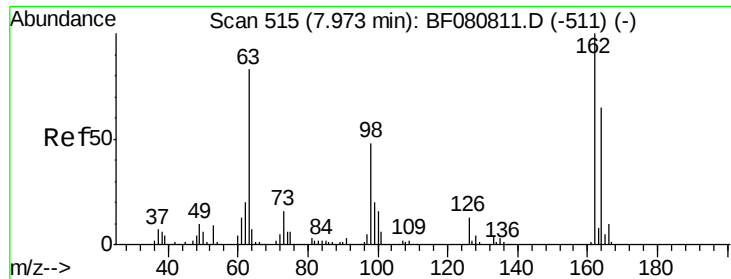
Tgt Ion:122 Resp: 532194
 Ion Ratio Lower Upper
 122 100
 107 112.1 90.2 135.4
 121 58.5 45.4 68.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.55 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion: 93 Resp: 603822
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.1 39.1
 123 9.9 8.0 12.0

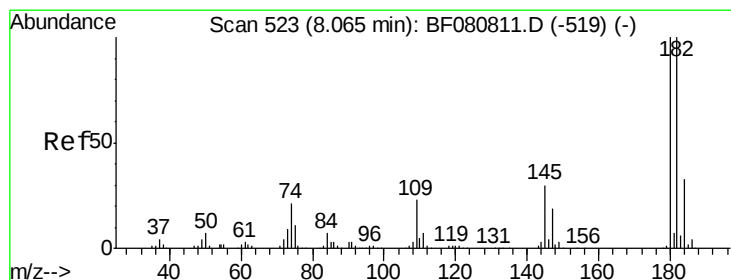
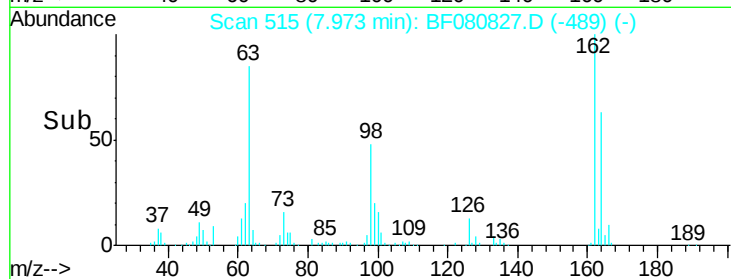
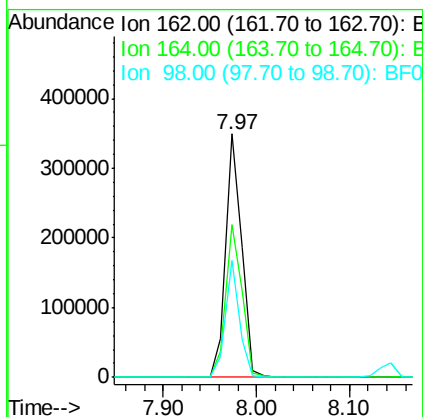
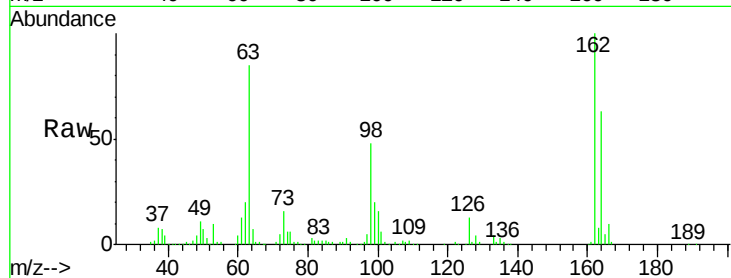




#29
 2,4-Dichlorophenol
 Concen: 37.07 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

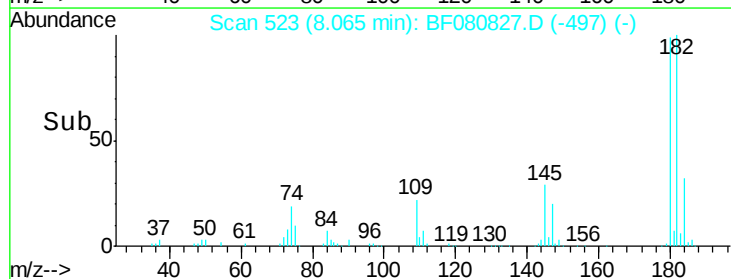
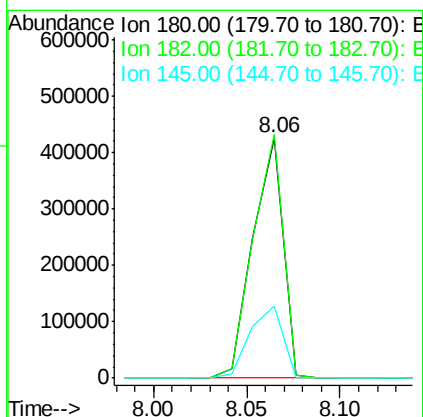
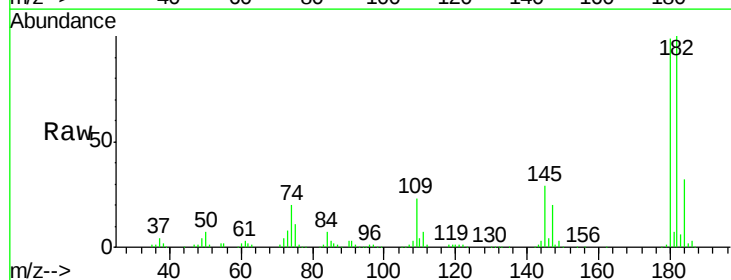
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

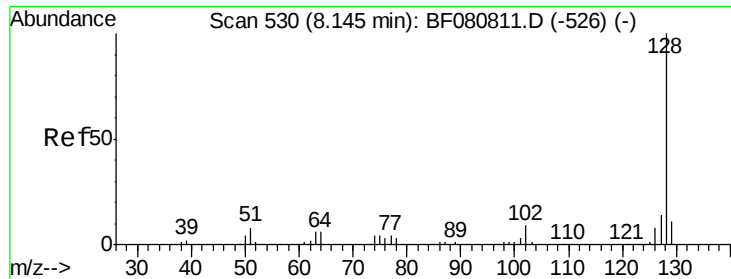
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.6	45.3	85.3
98	48.1	27.7	67.7



#30
 1,2,4-Trichlorobenzene
 Concen: 38.88 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.4	79.7	119.5
145	29.8	23.8	35.8

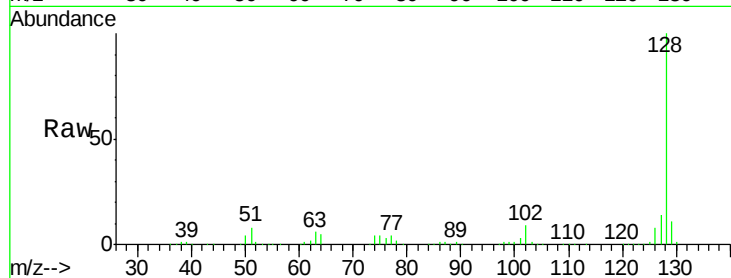




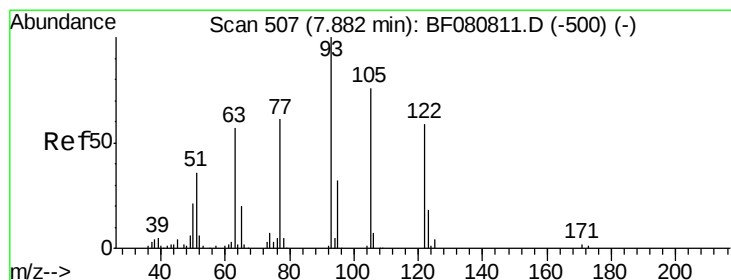
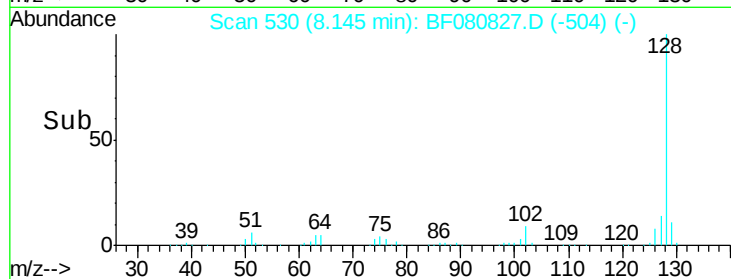
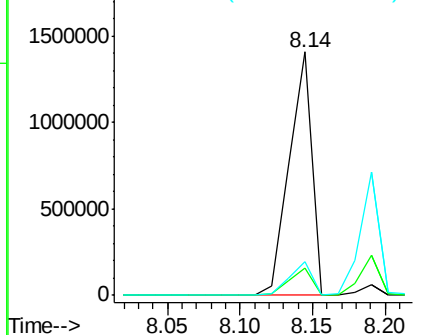
#31
Naphthalene
Concen: 38.74 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1519101
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.8 10.8 16.2

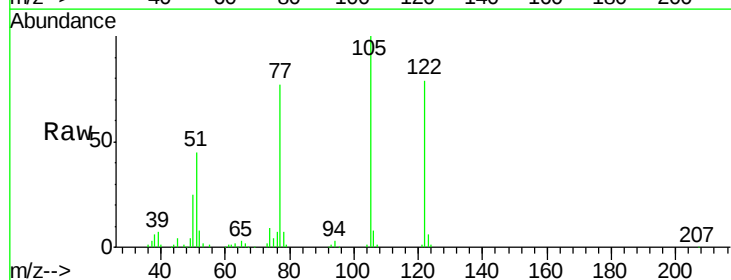


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

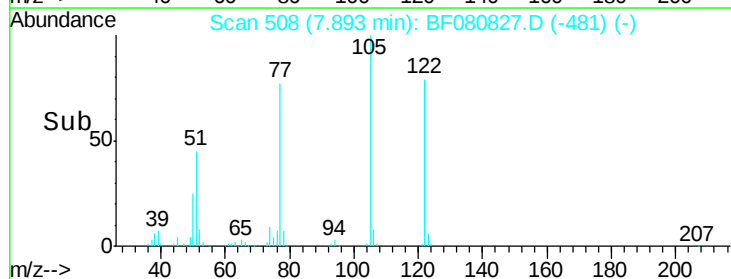
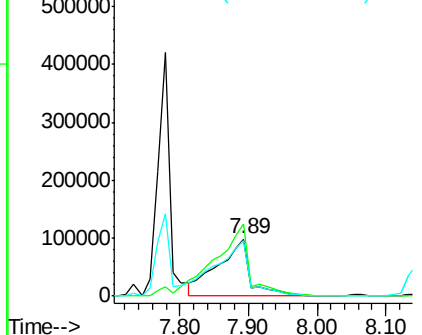


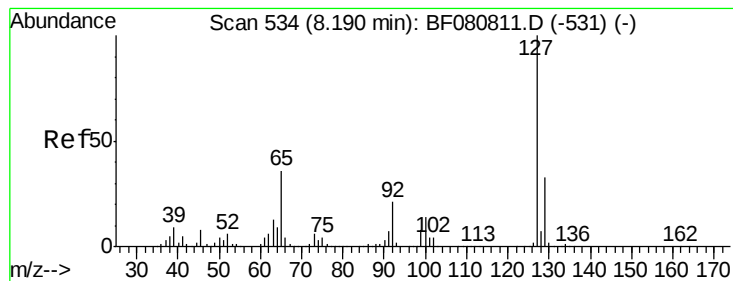
#32
Benzoic acid
Concen: 40.19 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion:122 Resp: 327329
Ion Ratio Lower Upper
122 100
105 126.7 102.3 142.3
77 97.5 81.2 121.2



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: 40.10 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 661618

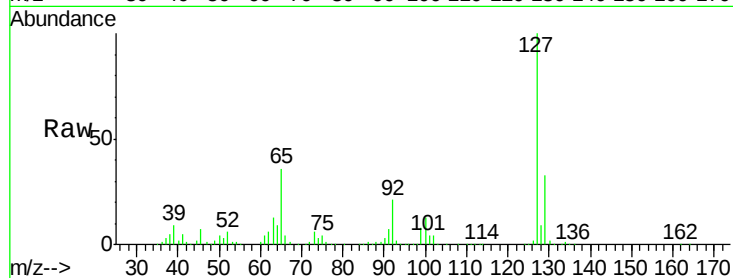
Ion Ratio Lower Upper

127 100

129 32.8 26.1 39.1

65 36.5 28.9 43.3

92 21.2 16.7 25.1

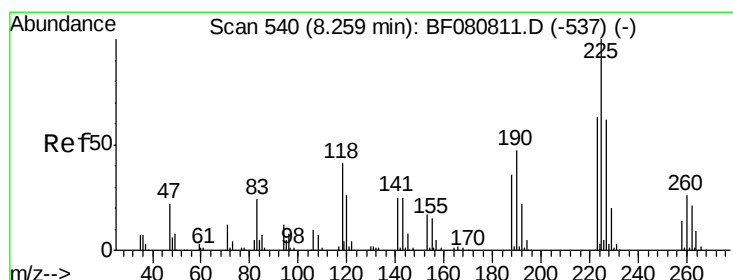
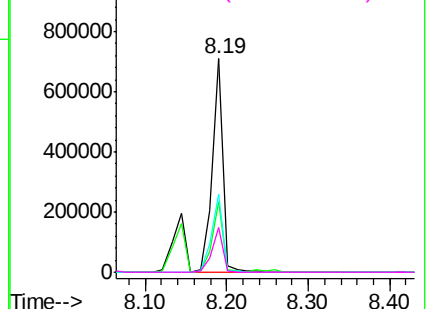
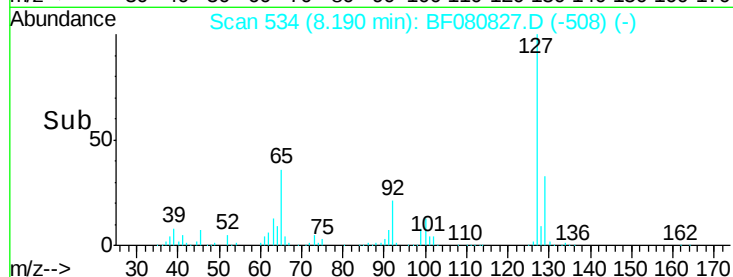


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 36.75 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

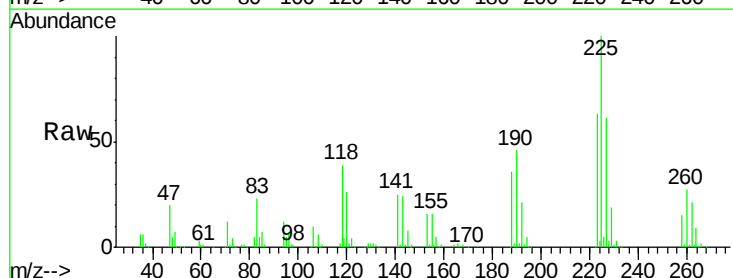
Tgt Ion:225 Resp: 276894

Ion Ratio Lower Upper

225 100

223 63.4 50.2 75.2

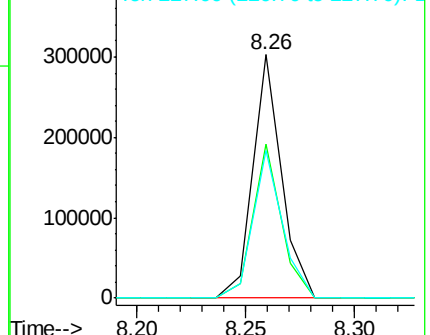
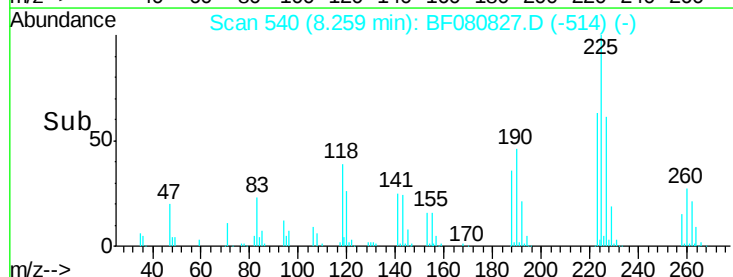
227 60.9 49.7 74.5

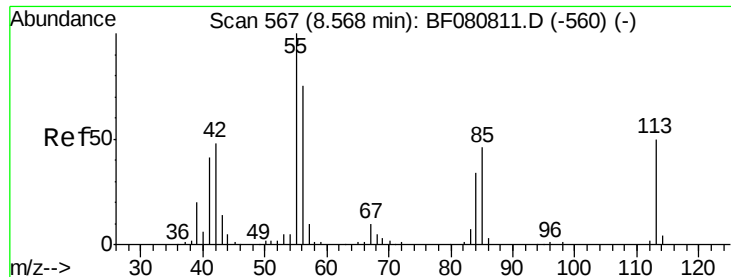


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

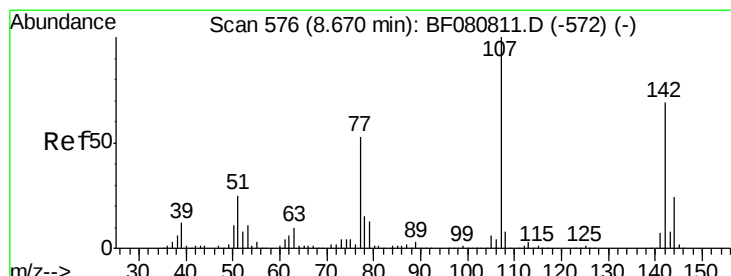
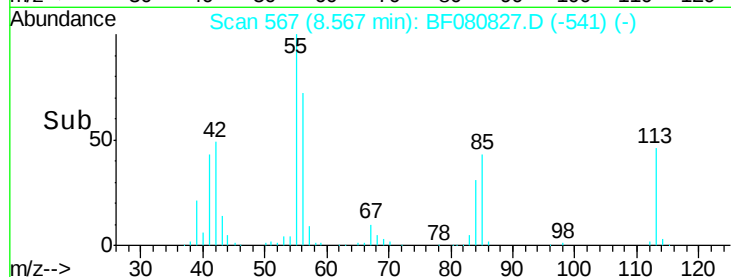
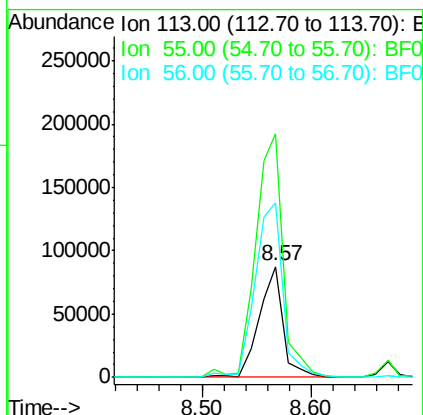
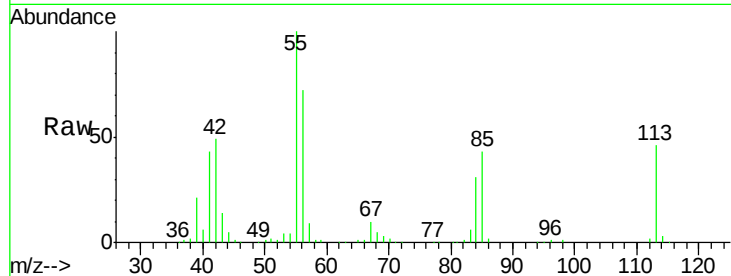




#35
 Caprolactam
 Concen: 43.07 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

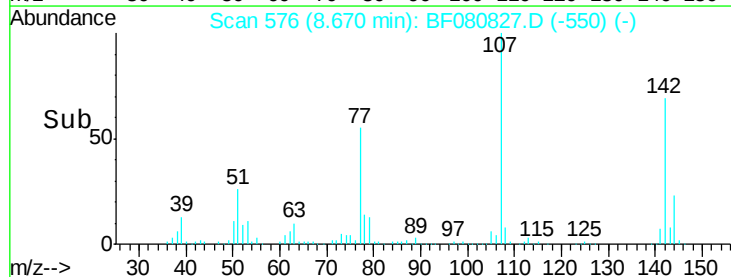
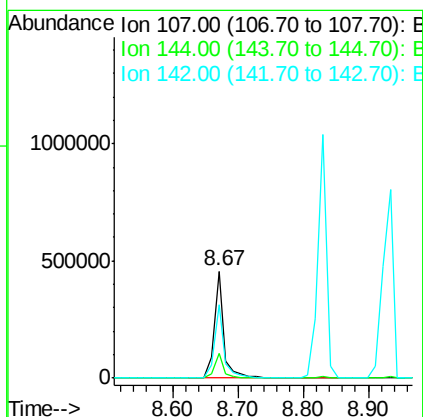
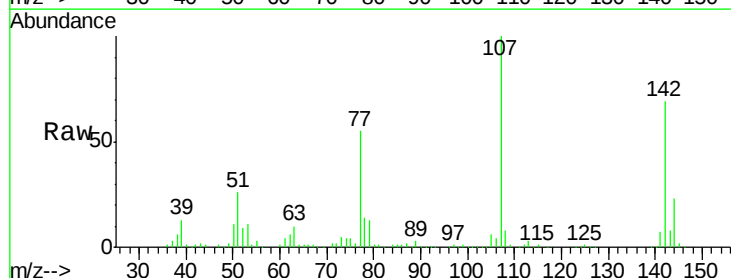
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

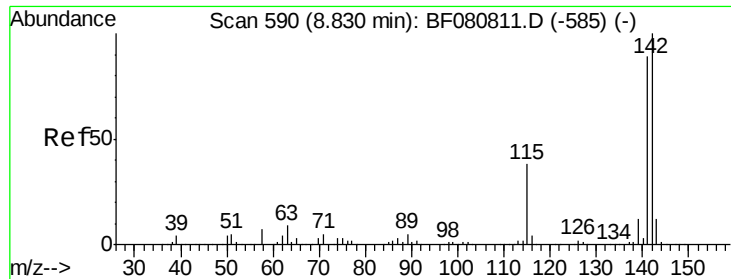
Tgt Ion:113 Resp: 134232
 Ion Ratio Lower Upper
 113 100
 55 219.6 179.0 219.0#
 56 157.3 128.2 168.2



#36
 4-Chloro-3-methylphenol
 Concen: 39.72 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion:107 Resp: 475937
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.0 28.4
 142 69.1 54.9 82.3

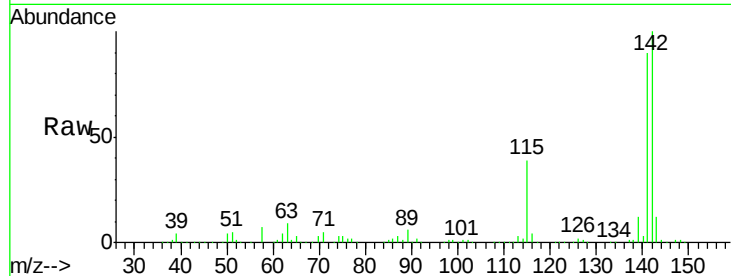




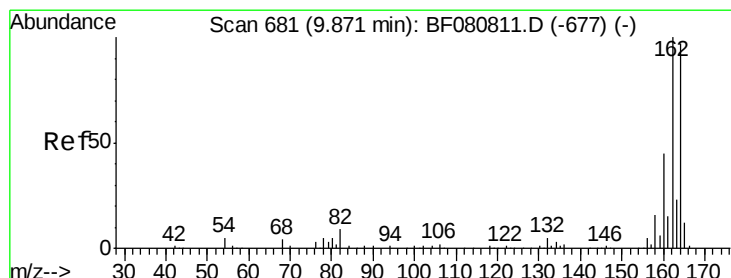
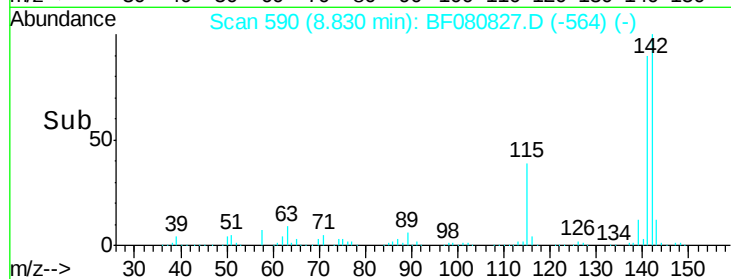
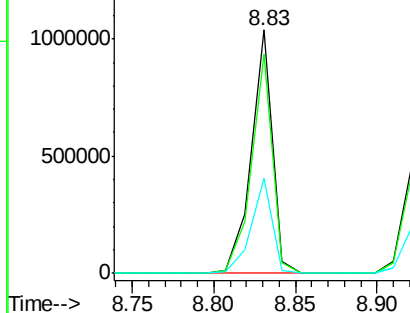
#37
 2-Methylnaphthalene
 Concen: 37.93 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.3	106.9
115	39.0	30.6	45.8

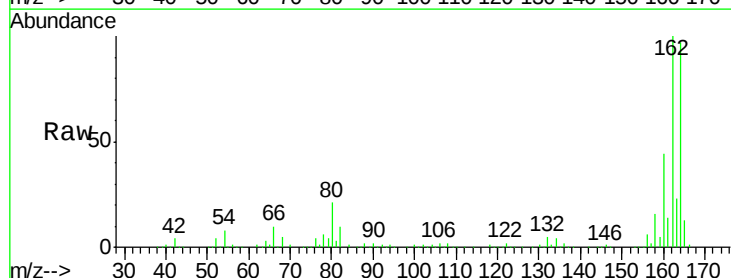


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

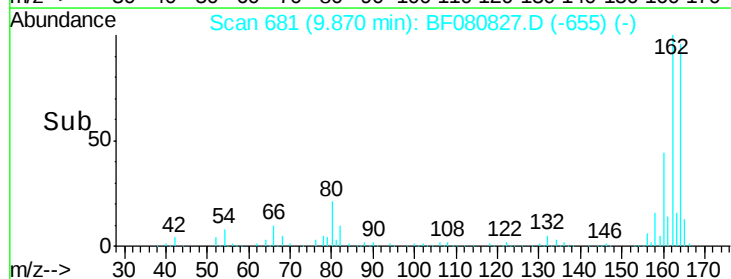
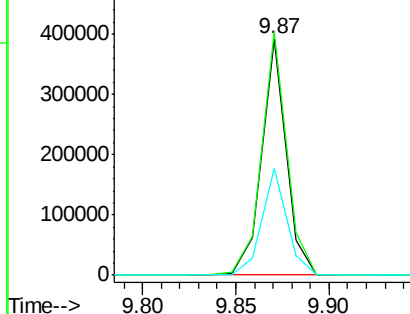


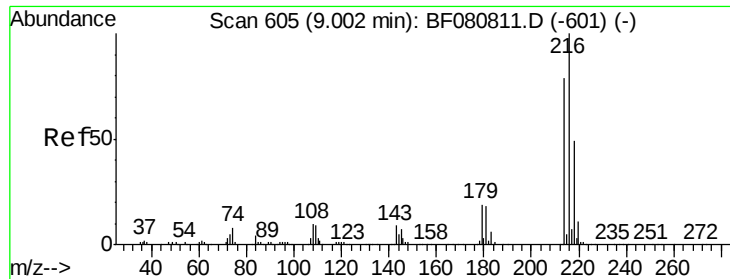
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.3	123.5
160	45.1	37.3	55.9



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.88 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 436941

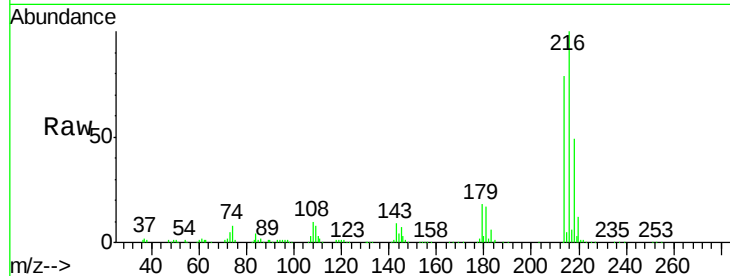
Ion Ratio Lower Upper

216 100

214 79.0 64.0 96.0

179 20.8 16.9 25.3

108 19.1 14.9 22.3

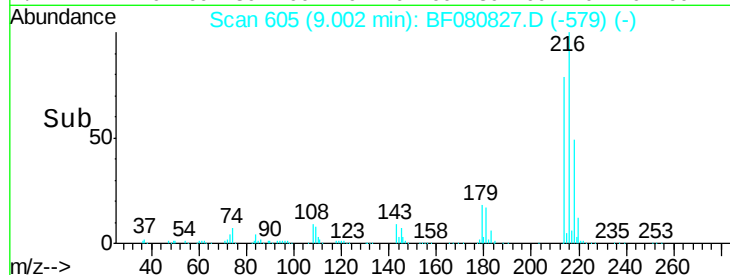


Abundance Ion 216.00 (215.70 to 216.70): E

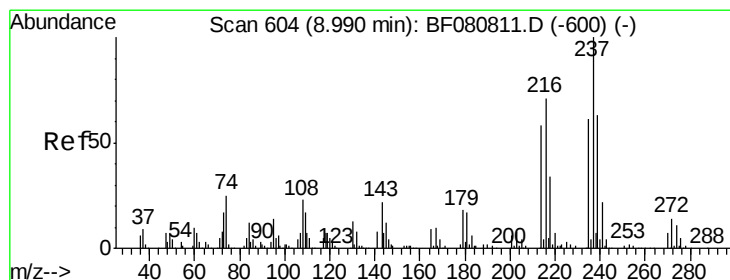
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 39.23 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

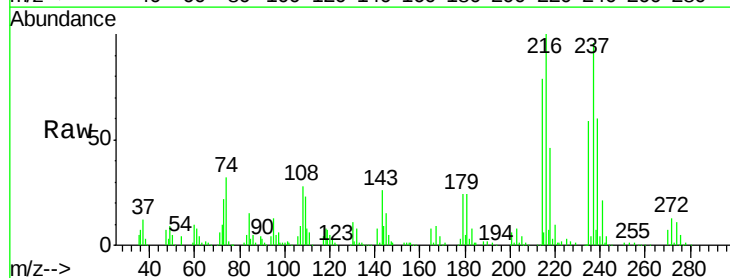
Tgt Ion:237 Resp: 269717

Ion Ratio Lower Upper

237 100

235 61.6 41.5 81.5

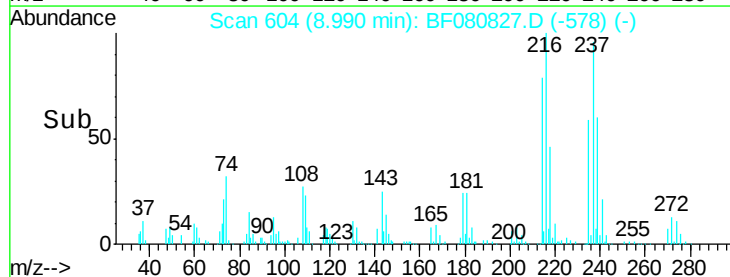
272 13.6 0.0 33.7



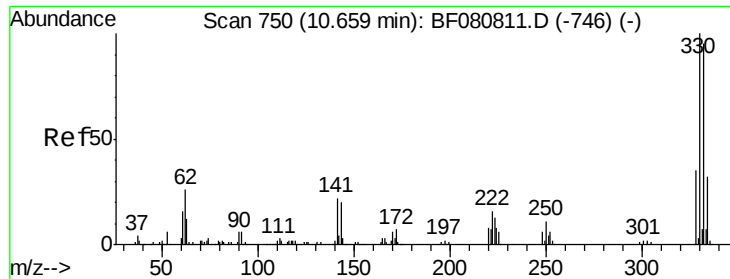
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



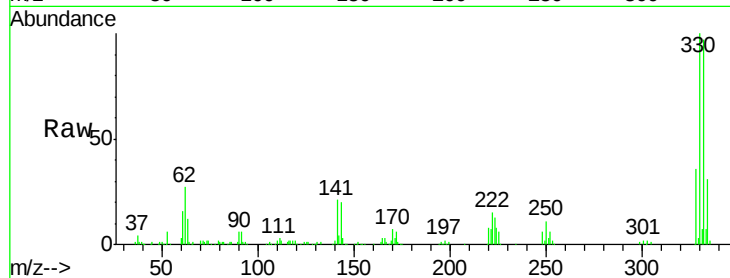
Time-->



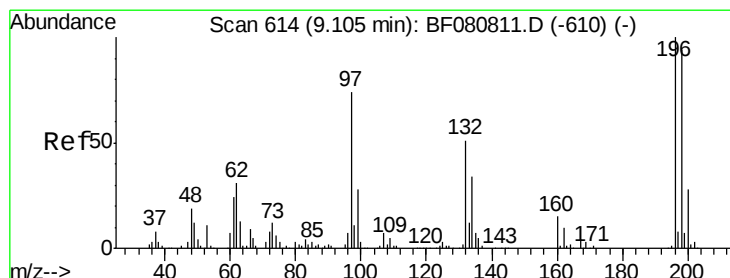
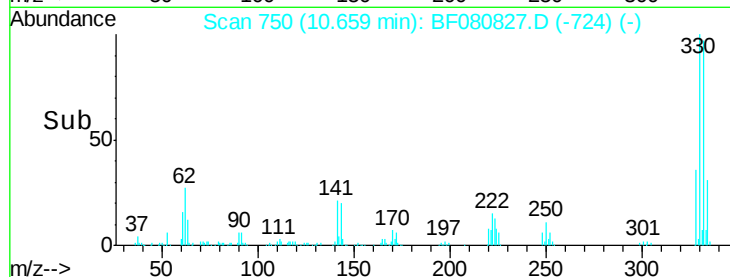
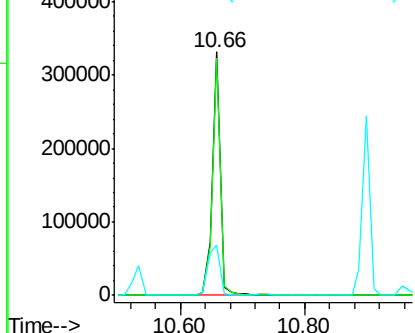
#41
 2,4,6-Tribromophenol
 Concen: 88.19 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 299051
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.2 114.4
 141 31.0 25.4 38.0

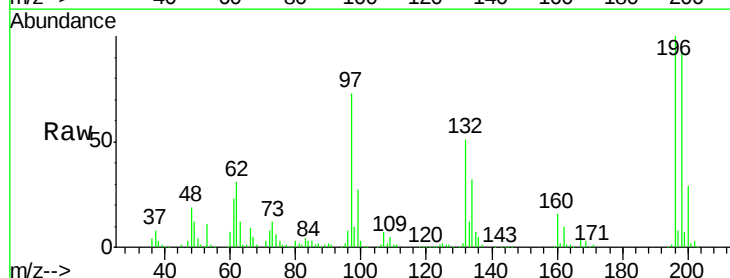


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

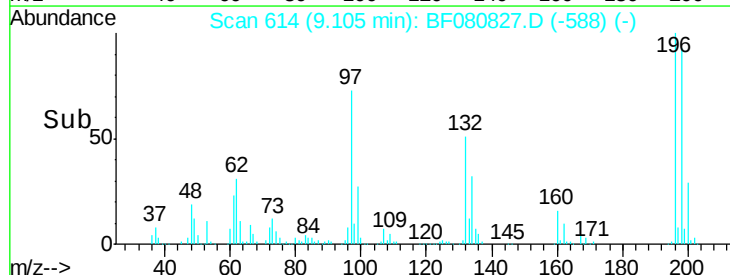
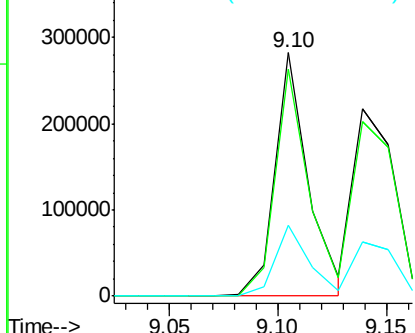


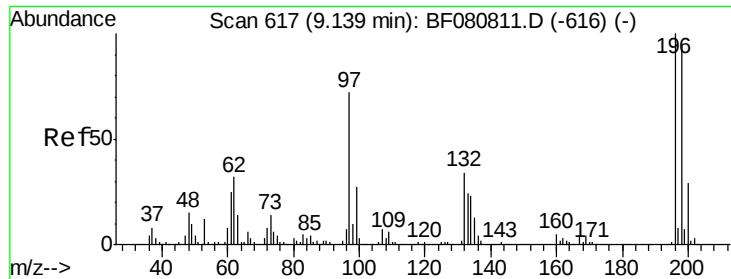
#42
 2,4,6-Trichlorophenol
 Concen: 37.89 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion:196 Resp: 302371
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.3 112.9
 200 29.3 22.7 34.1



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

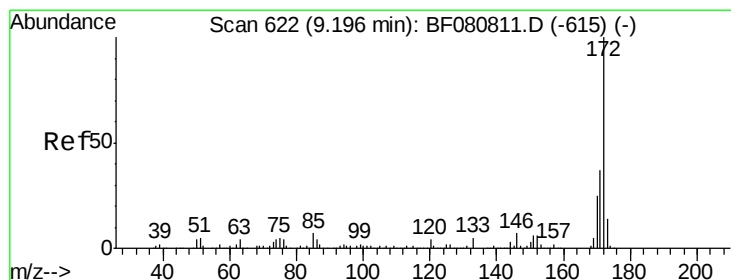
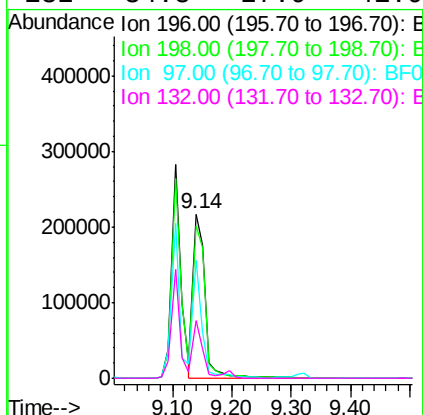
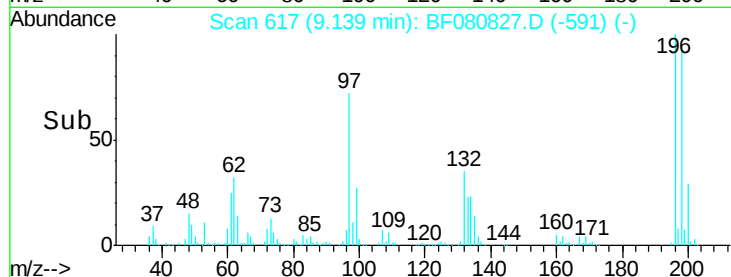
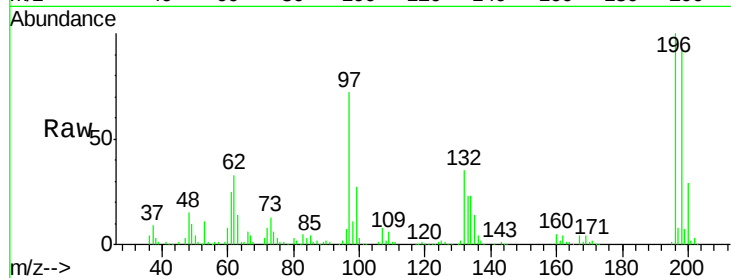




#43
 2,4,5-Trichlorophenol
 Concen: 39.46 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

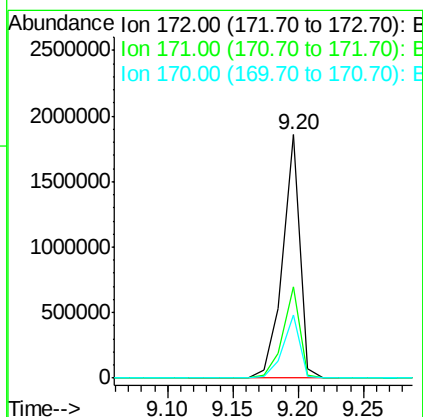
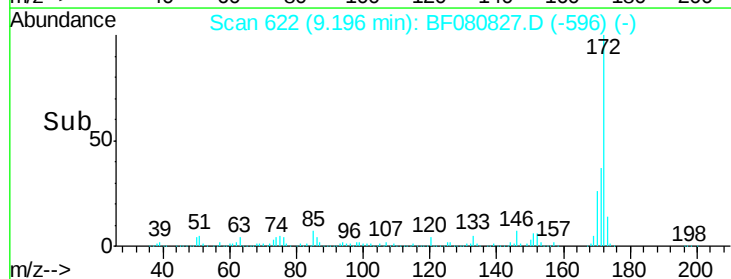
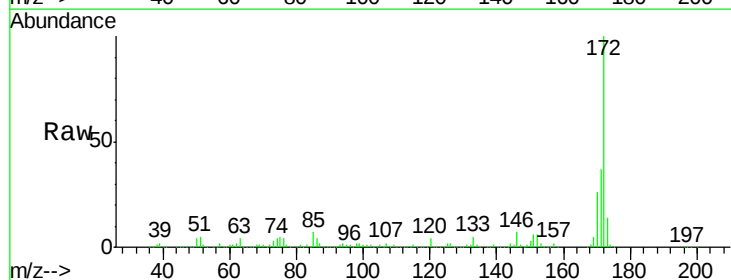
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

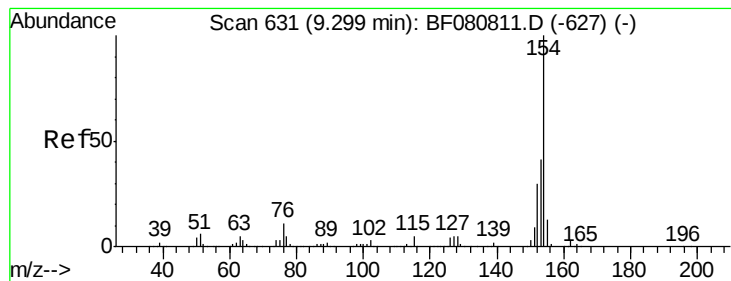
Tgt Ion:196 Resp: 308198
 Ion Ratio Lower Upper
 196 100
 198 93.0 76.3 114.5
 97 72.2 58.8 88.2
 132 34.8 27.9 41.9



#44
 2-Fluorobiphenyl
 Concen: 73.88 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion:172 Resp: 1729575
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.0 45.0
 170 25.7 20.2 30.4





#45

1,1'-Biphenyl

Concen: 41.87 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

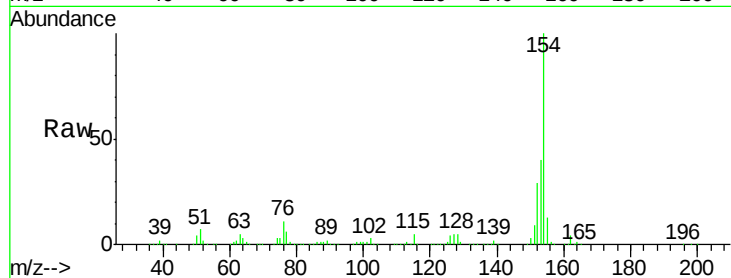
Tgt Ion:154 Resp: 1121690

Ion Ratio Lower Upper

154 100

153 40.5 21.1 61.1

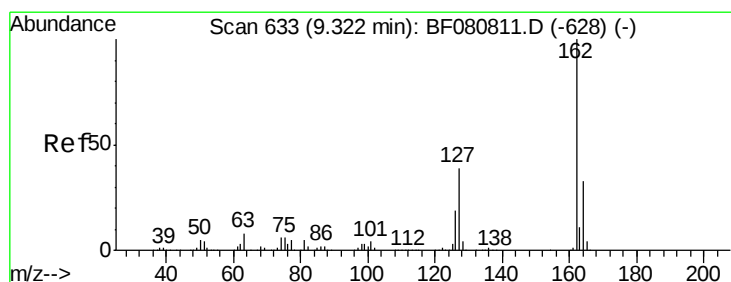
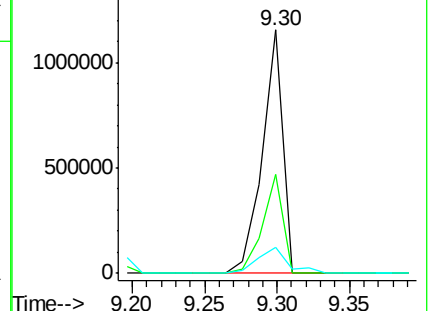
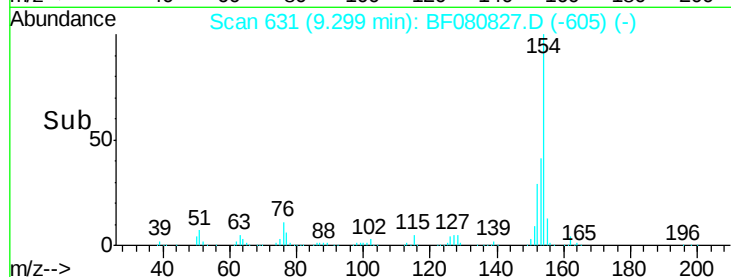
76 10.8 0.0 30.5



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: 40.31 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

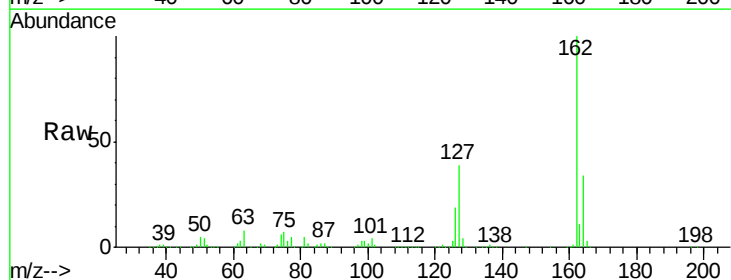
Tgt Ion:162 Resp: 896031

Ion Ratio Lower Upper

162 100

127 38.6 31.0 46.6

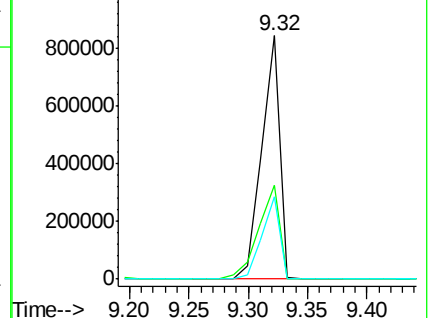
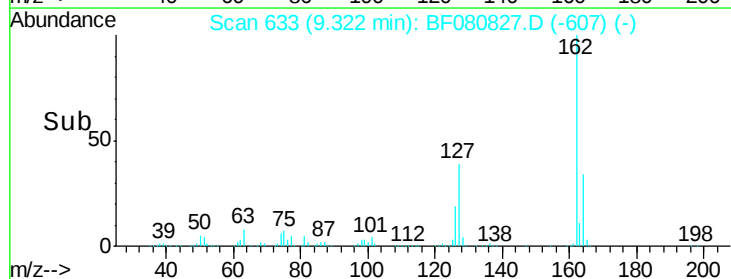
164 33.6 26.8 40.2

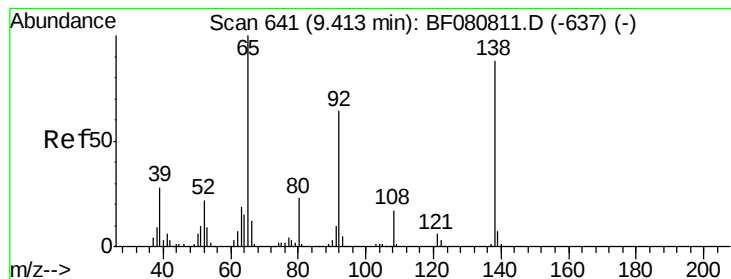


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.21 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

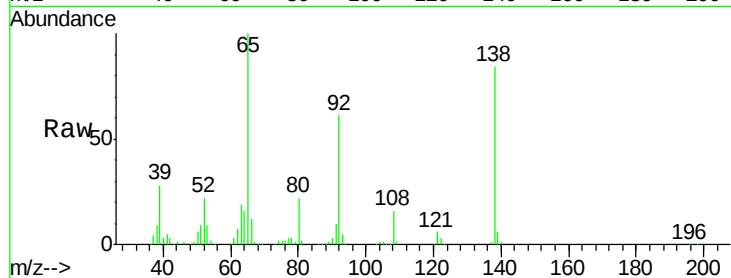
Tgt Ion: 65 Resp: 354808

Ion Ratio Lower Upper

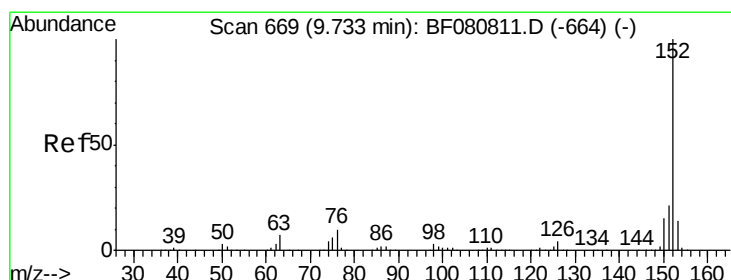
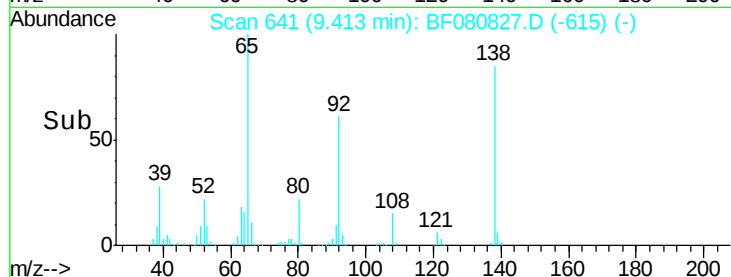
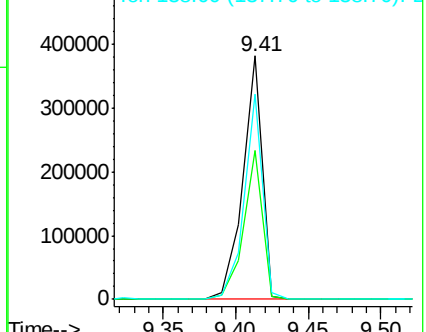
65 100

92 61.3 50.9 76.3

138 84.4 70.6 105.8



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



#48

Acenaphthylene

Concen: 40.25 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

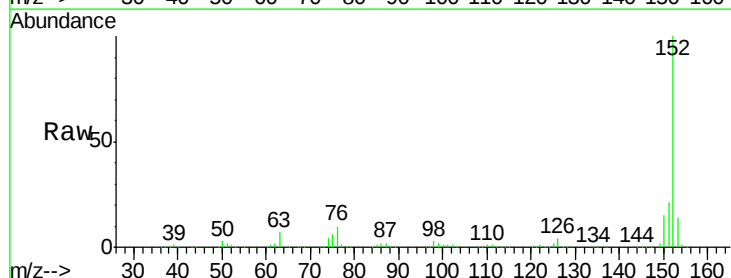
Tgt Ion: 152 Resp: 1395213

Ion Ratio Lower Upper

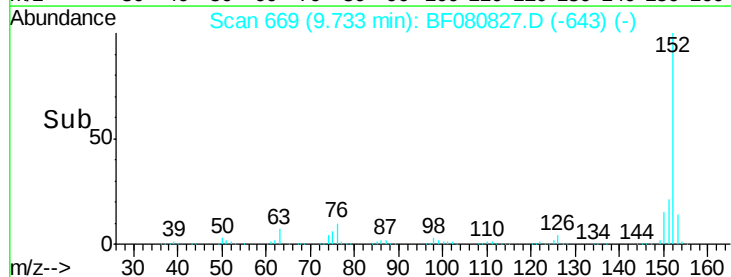
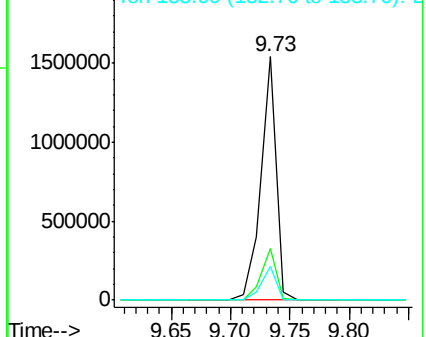
152 100

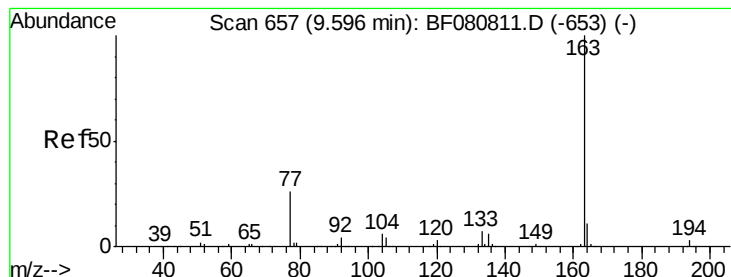
151 21.4 16.8 25.2

153 13.7 11.0 16.4



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





#49

Dimethylphthalate

Concen: 36.68 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

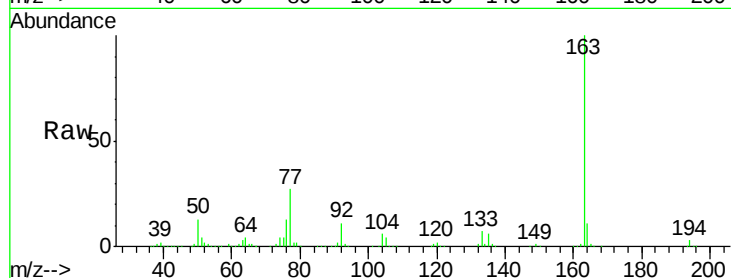
Tgt Ion:163 Resp: 867229

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

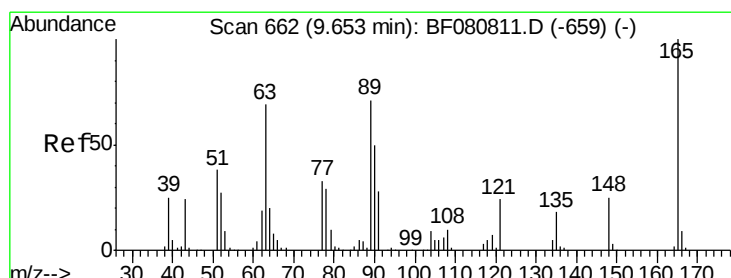
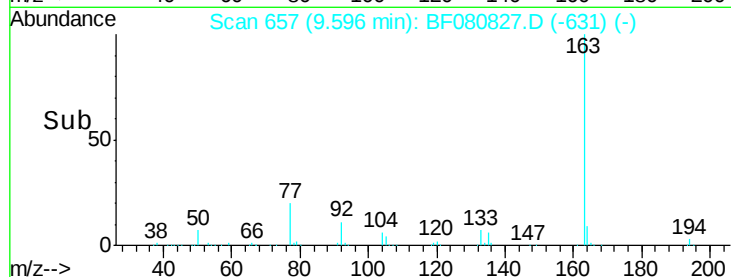
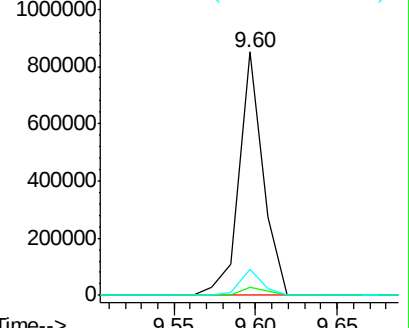
164 10.6 8.5 12.7



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: 37.33 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

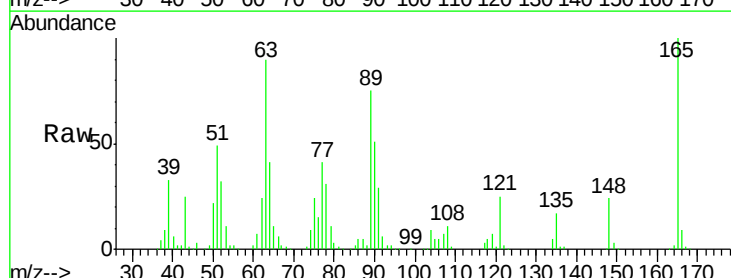
Tgt Ion:165 Resp: 190102

Ion Ratio Lower Upper

165 100

63 90.2 68.2 102.4

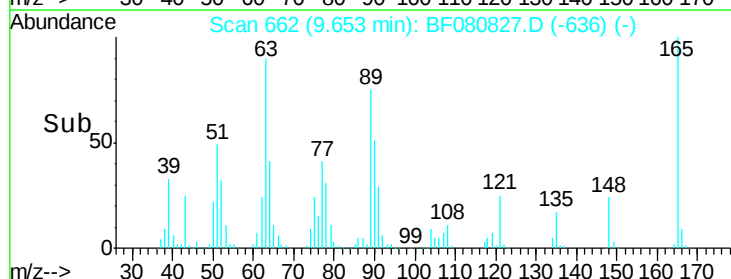
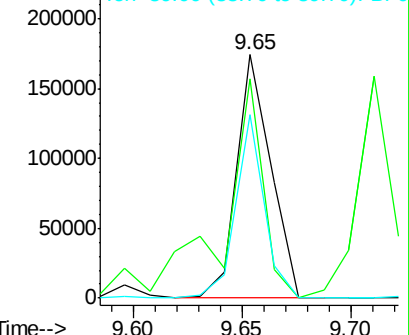
89 75.3 56.9 85.3

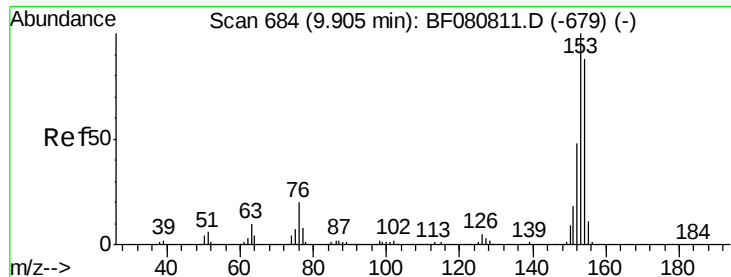


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.27 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

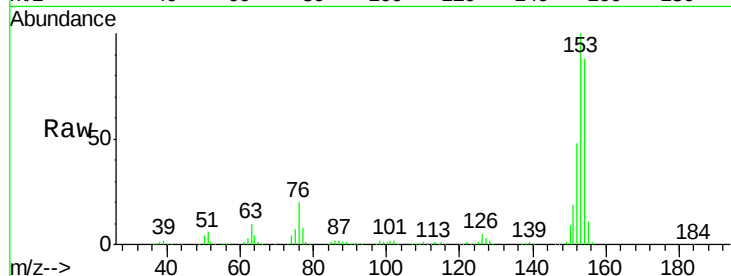
Tgt Ion:154 Resp: 820202

Ion Ratio Lower Upper

154 100

153 113.9 91.4 137.2

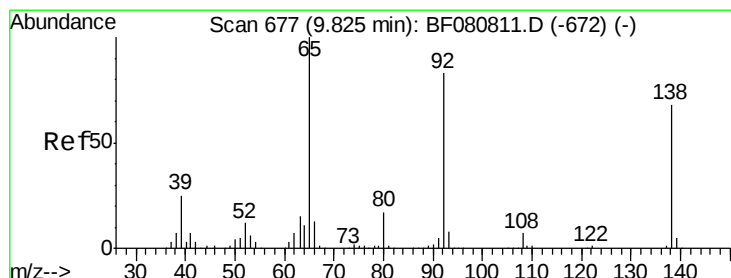
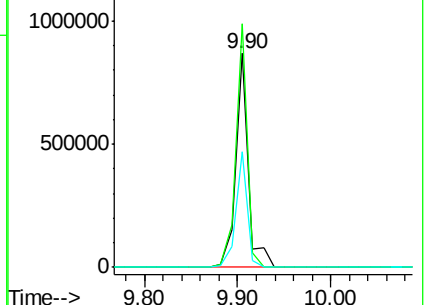
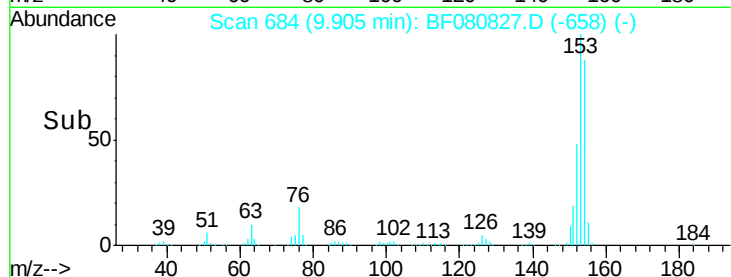
152 54.4 44.1 66.1



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: 41.69 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

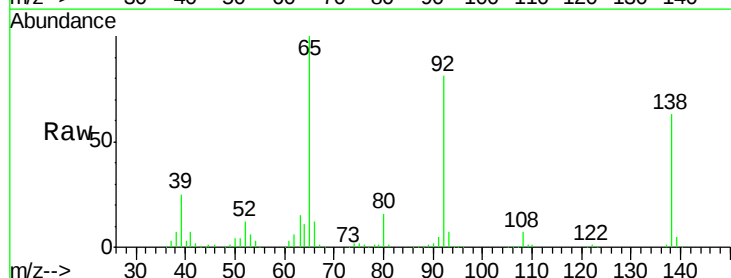
Tgt Ion:138 Resp: 246330

Ion Ratio Lower Upper

138 100

108 10.6 8.6 13.0

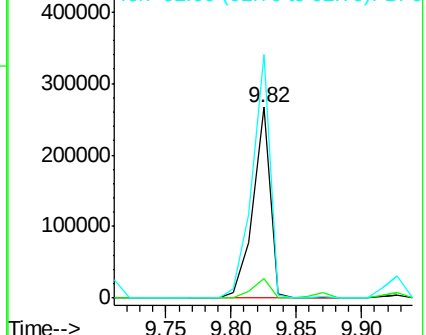
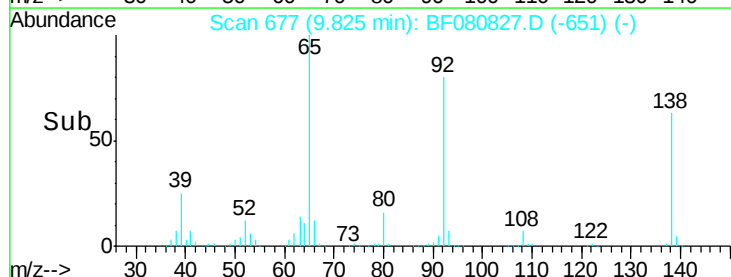
92 127.7 97.4 146.2

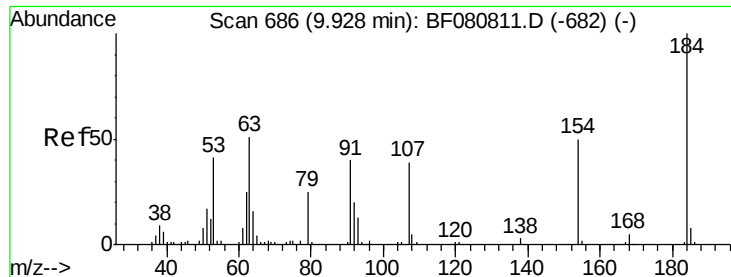


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

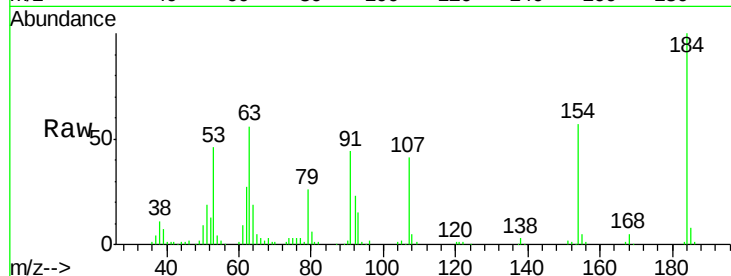




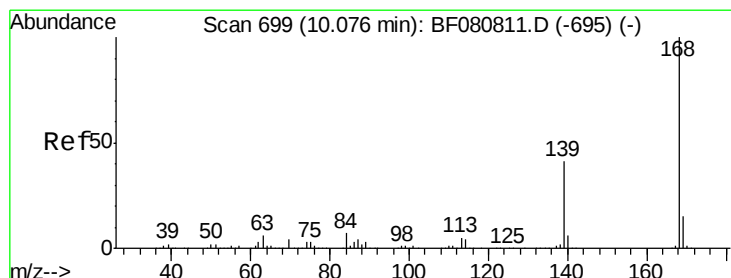
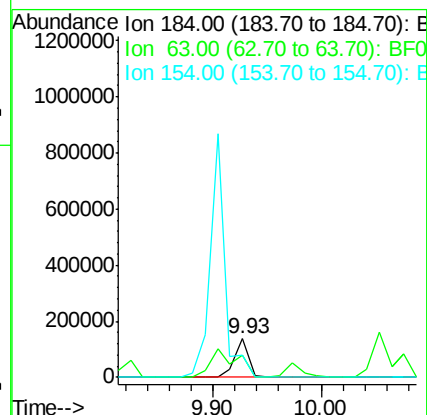
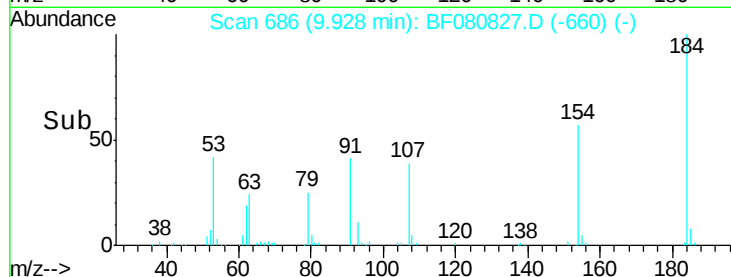
#53
2,4-Dinitrophenol
Concen: 46.27 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 120528
Ion Ratio Lower Upper
184 100
63 56.4 42.2 63.2
154 56.9 47.4 71.0

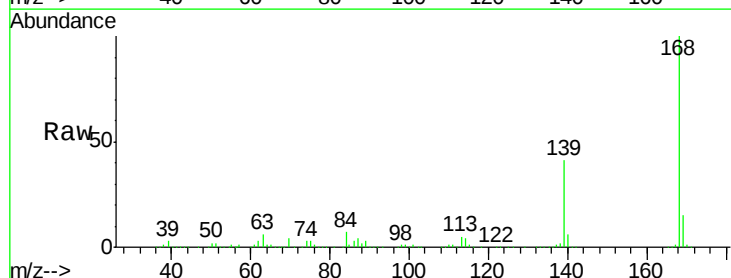


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

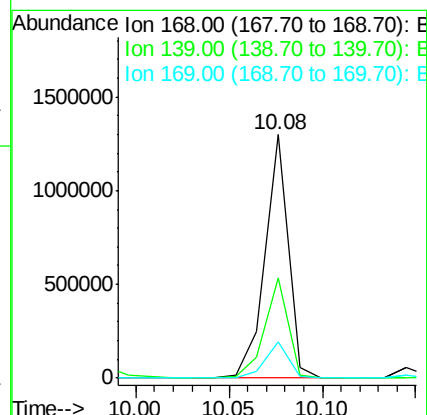
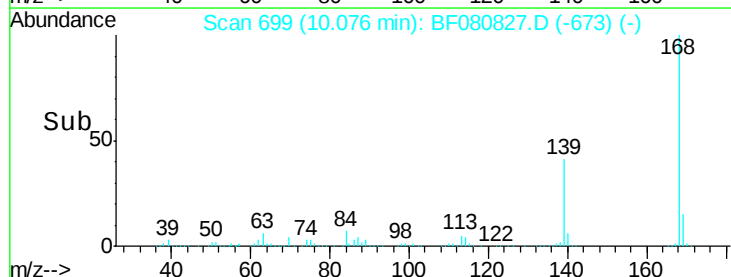


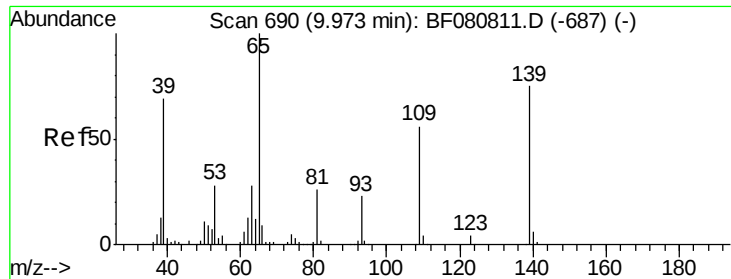
#54
Dibenzofuran
Concen: 40.27 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion:168 Resp: 1113179
Ion Ratio Lower Upper
168 100
139 41.2 32.8 49.2
169 14.9 11.6 17.4



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

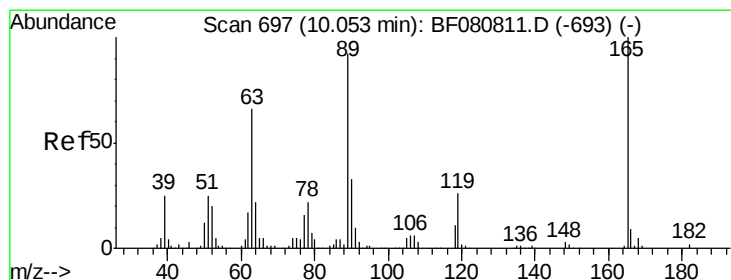
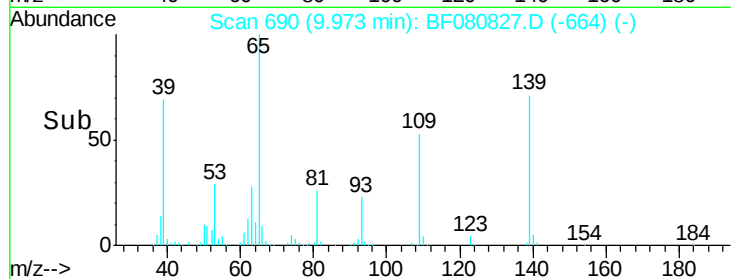
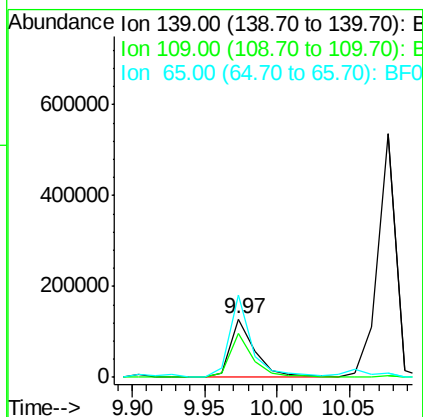
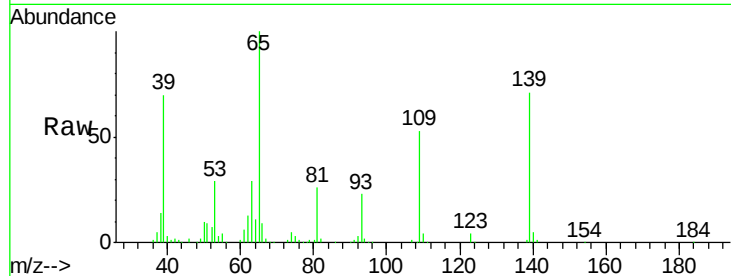




#55
4-Nitrophenol
Concen: 36.75 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

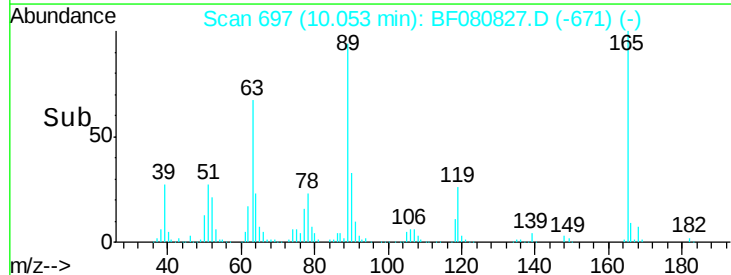
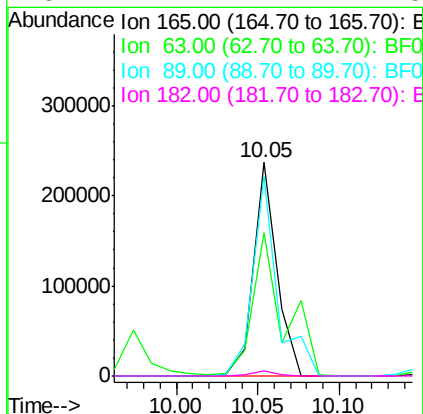
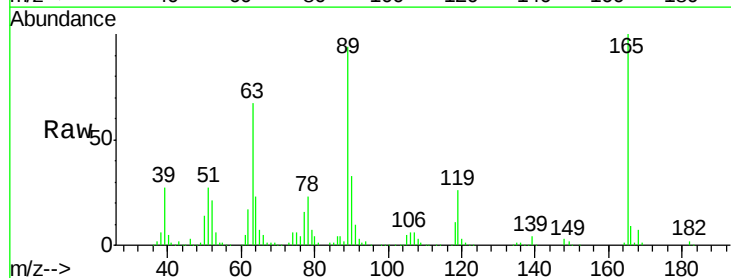
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

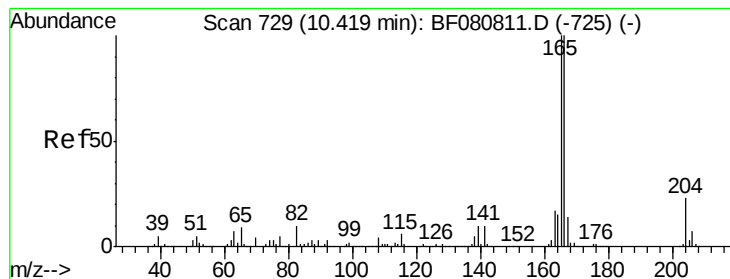
Tgt Ion:139 Resp: 155229
Ion Ratio Lower Upper
139 100
109 74.7 55.1 95.1
65 140.4 113.9 153.9



#56
2,4-Dinitrotoluene
Concen: 36.61 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion:165 Resp: 235700
Ion Ratio Lower Upper
165 100
63 67.4 53.3 79.9
89 93.5 73.5 110.3
182 2.2 1.7 2.5





#57

Fluorene

Concen: 40.38 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

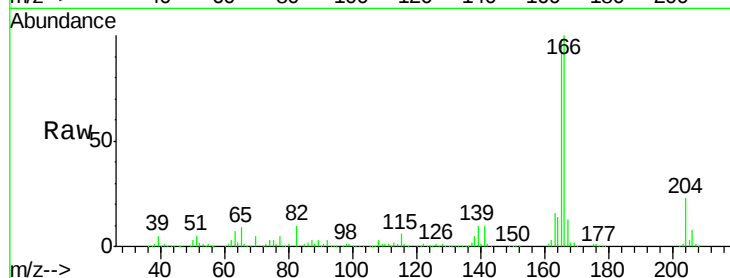
Tgt Ion:166 Resp: 866148

Ion Ratio Lower Upper

166 100

165 98.3 79.9 119.9

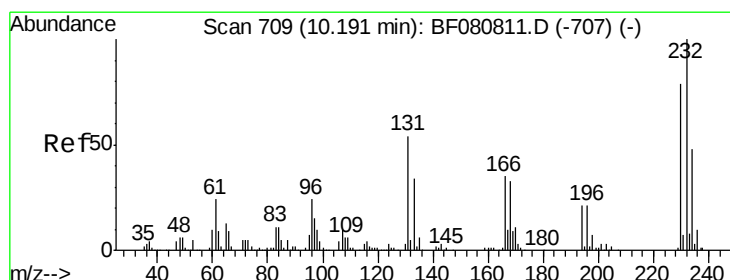
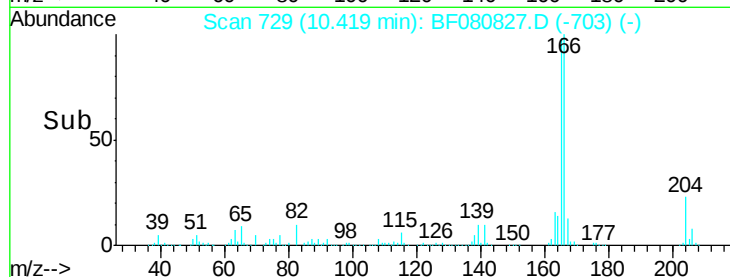
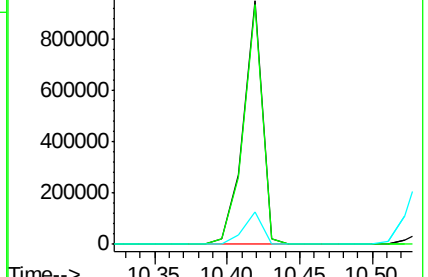
167 13.5 10.8 16.2



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: 41.27 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Tgt Ion:232 Resp: 231720

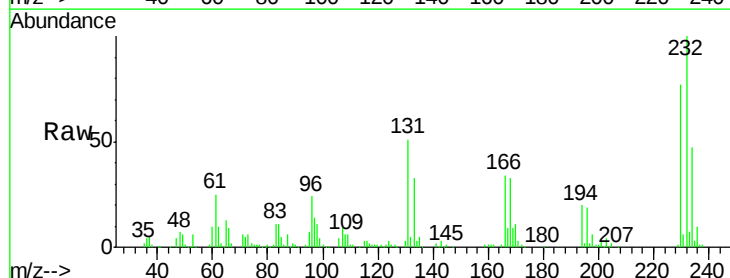
Ion Ratio Lower Upper

232 100

131 47.8 41.9 62.9

130 2.4 2.0 3.0

166 31.2 26.4 39.6

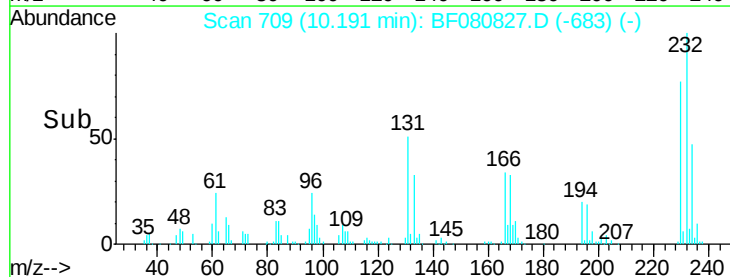
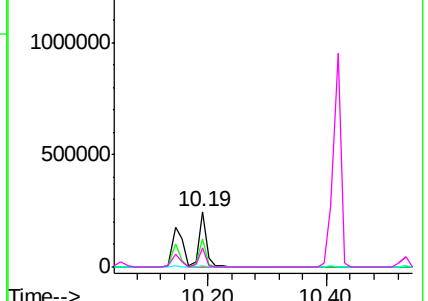


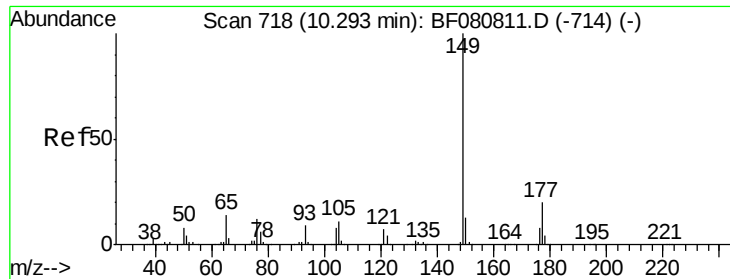
Abundance Ion 232.00 (231.70 to 232.70): E

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

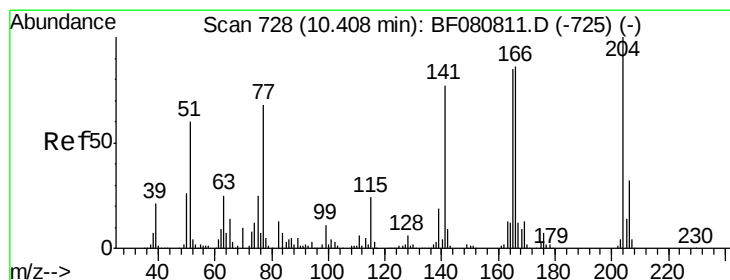
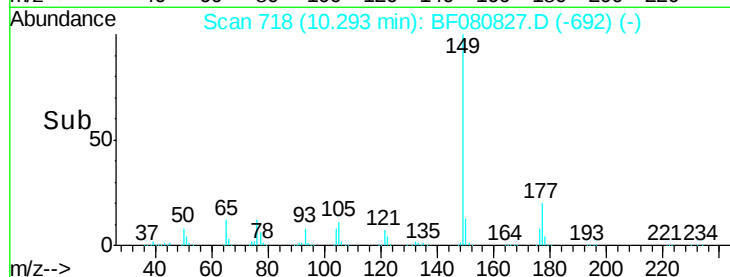
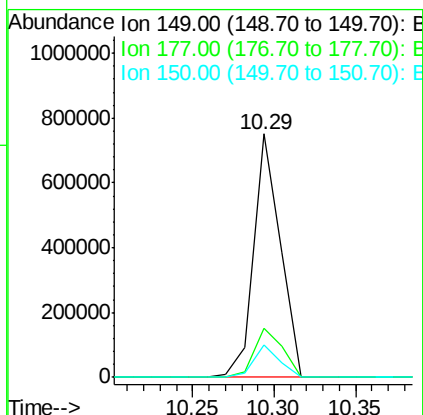
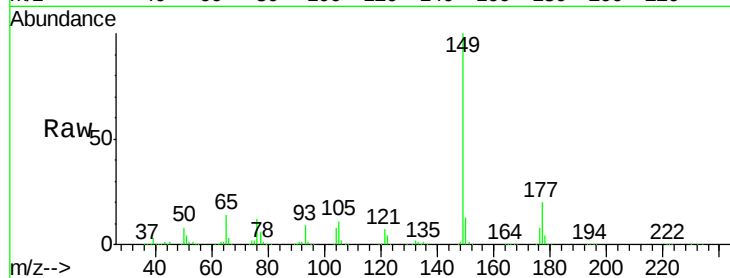




#59
Diethylphthalate
Concen: 37.62 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

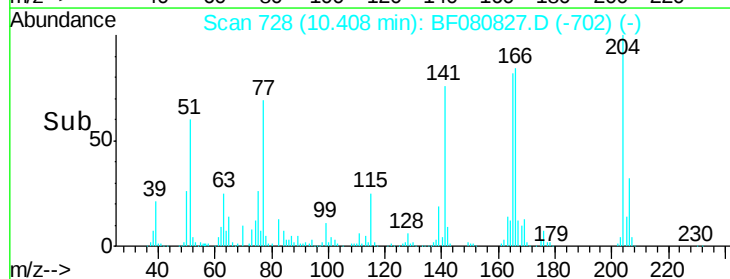
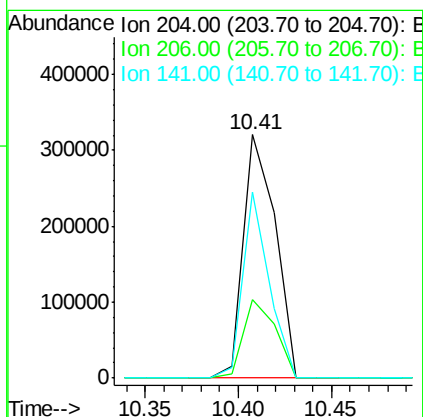
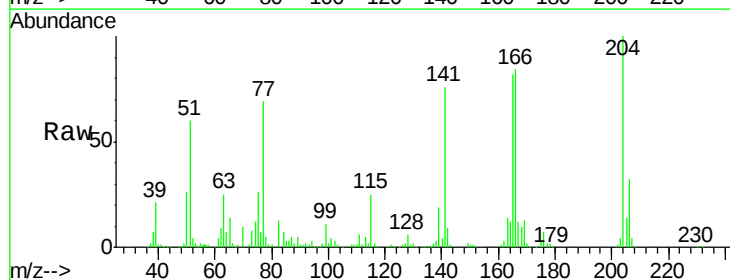
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

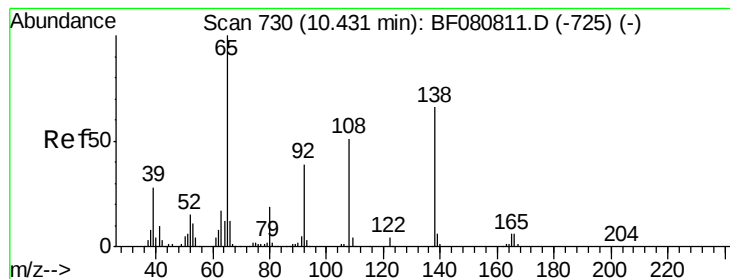
Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.2	24.2
150	13.1	10.6	15.8



#60
4-Chlorophenyl-phenylether
Concen: 36.08 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.6	38.4
141	76.4	61.2	91.8





#61

4-Nitroaniline

Concen: 35.95 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

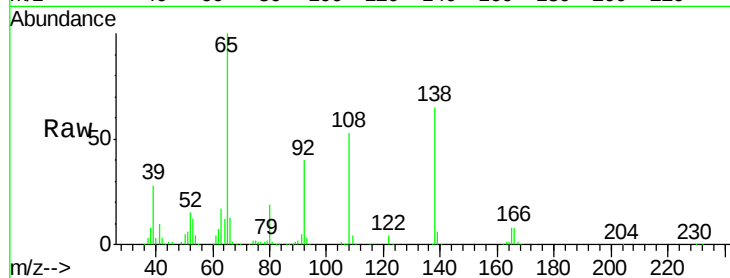
Tgt Ion:138 Resp: 196581

Ion Ratio Lower Upper

138 100

92 60.9 38.7 78.7

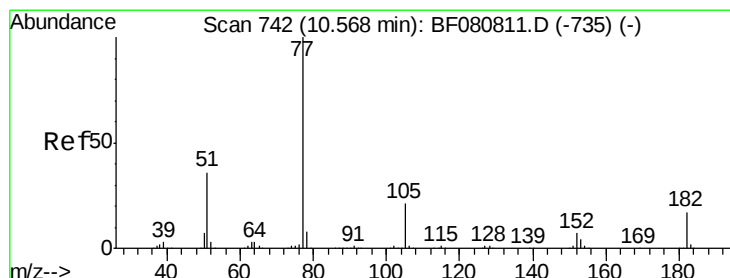
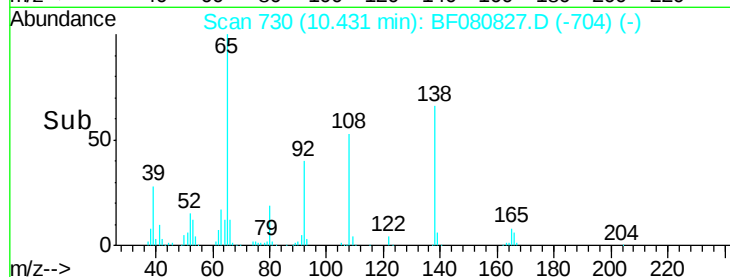
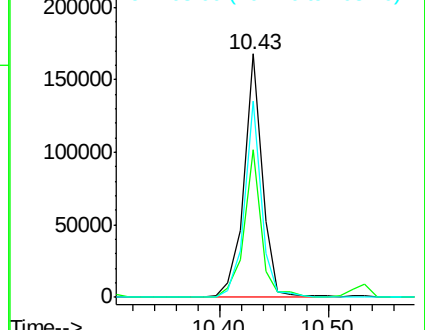
108 80.8 56.8 96.8



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: 38.72 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Tgt Ion: 77 Resp: 1012605

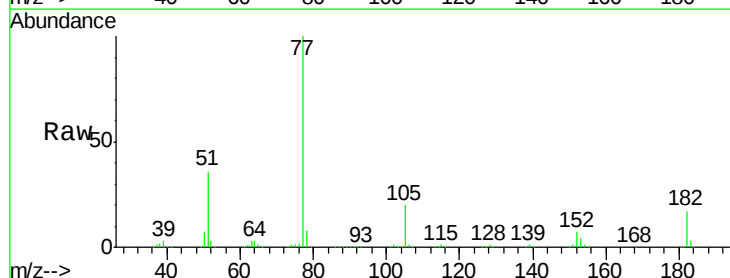
Ion Ratio Lower Upper

77 100

182 17.0 0.0 37.4

105 20.4 0.9 40.9

51 35.6 15.9 55.9

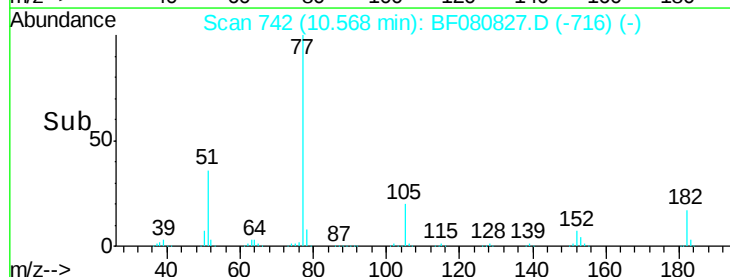
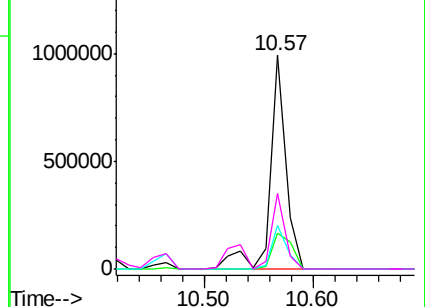


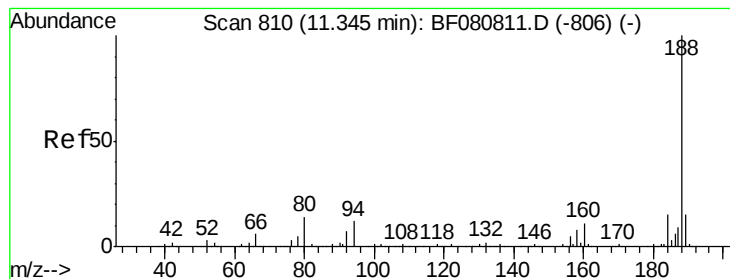
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

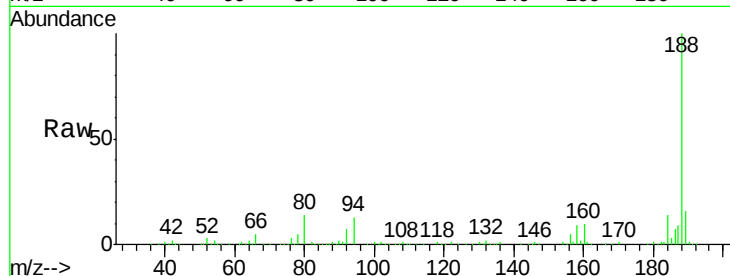
Tgt Ion:188 Resp: 595198

Ion Ratio Lower Upper

188 100

94 12.5 9.7 14.5

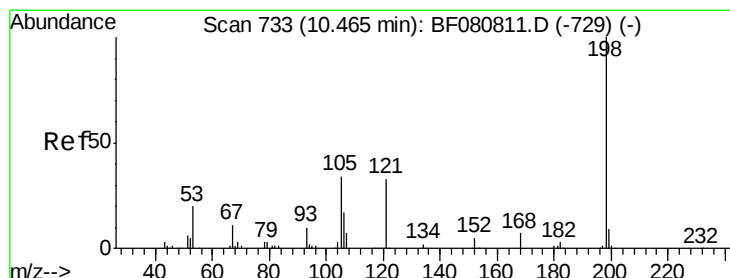
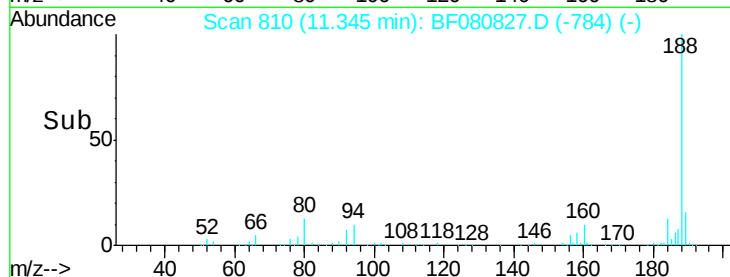
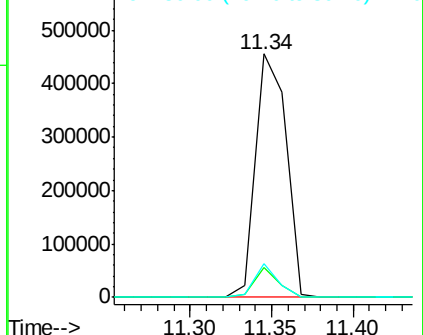
80 13.7 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.87 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

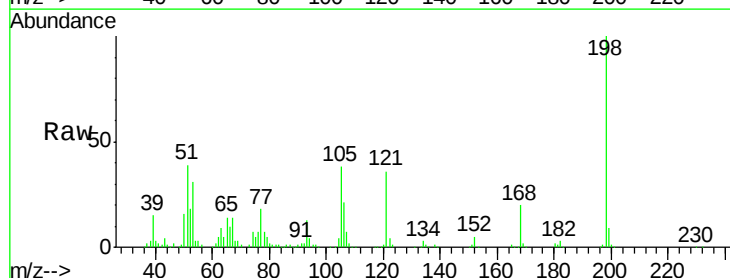
Tgt Ion:198 Resp: 160967

Ion Ratio Lower Upper

198 100

51 38.8 13.9 53.9

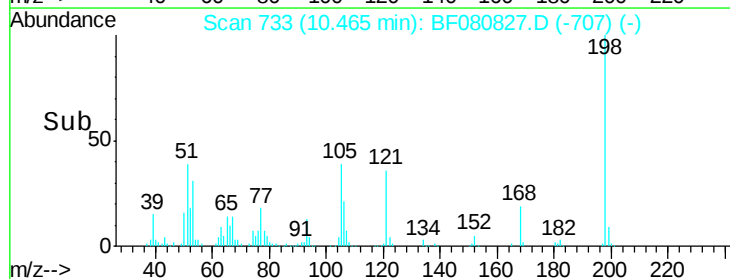
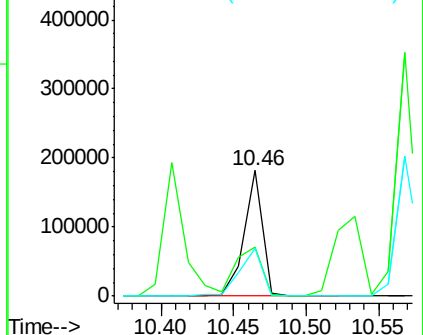
105 38.4 14.1 54.1

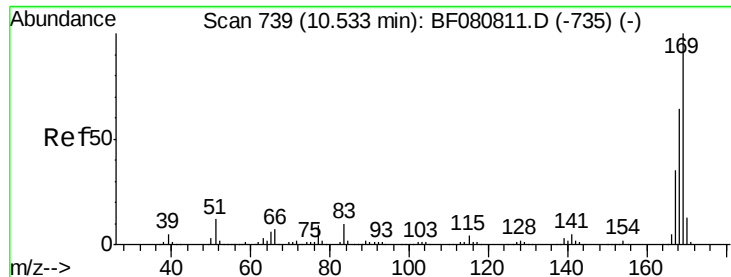


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

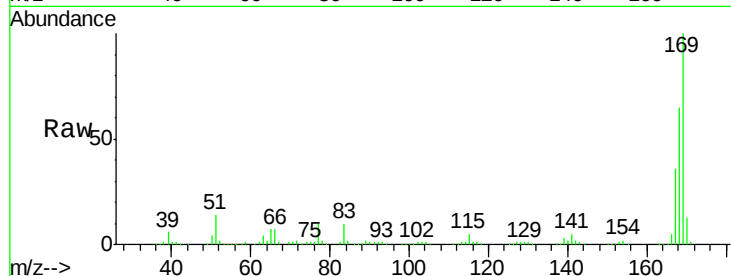




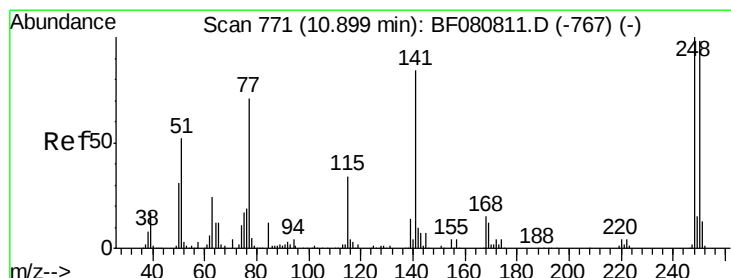
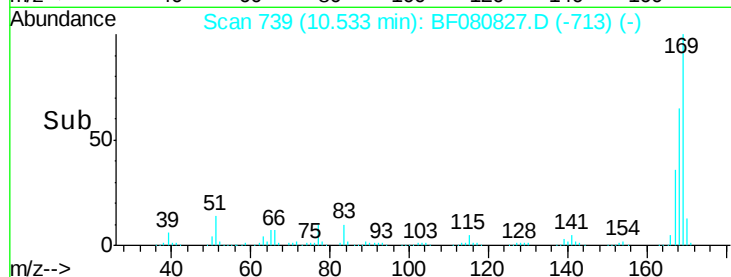
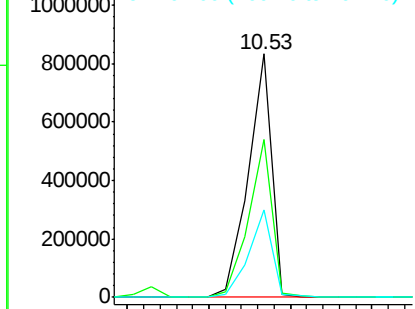
#65
 n-Nitrosodiphenylamine
 Concen: 39.69 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:169 Resp: 826883
 Ion Ratio Lower Upper
 169 100
 168 64.6 50.9 76.3
 167 35.8 27.7 41.5

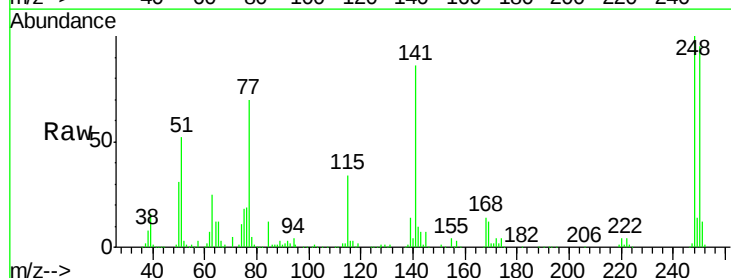


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

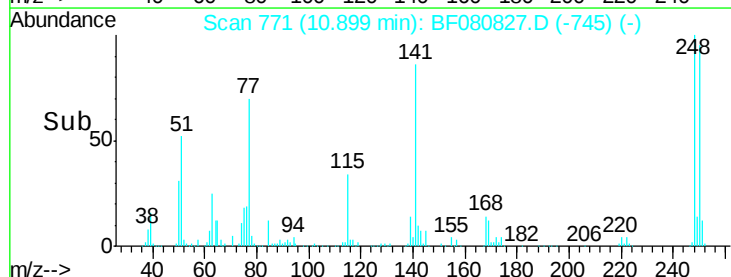
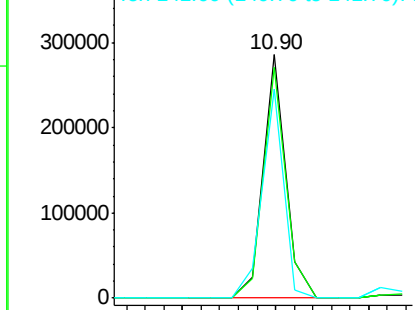


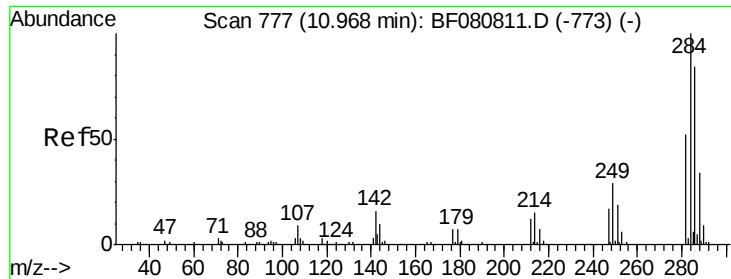
#66
 4-Bromophenyl-phenylether
 Concen: 37.06 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion:248 Resp: 242352
 Ion Ratio Lower Upper
 248 100
 250 95.0 78.4 117.6
 141 85.8 67.3 100.9



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

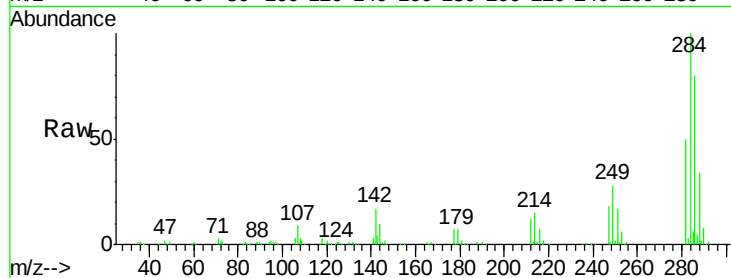




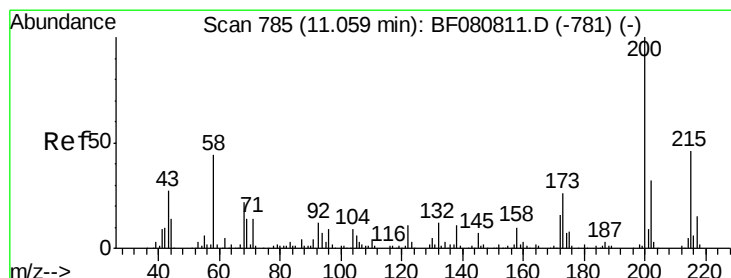
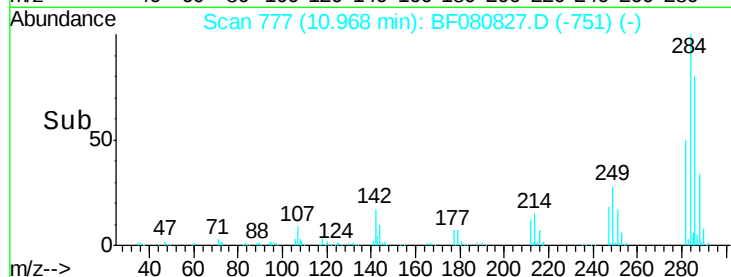
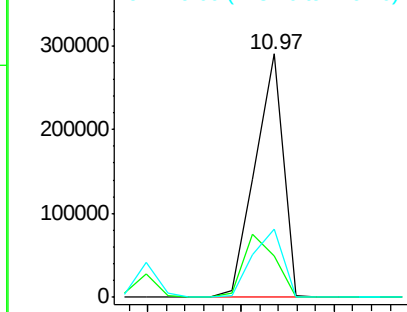
#67
Hexachlorobenzene
Concen: 40.89 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
284	100		
142	17.1	13.0	19.4
249	27.9	22.9	34.3

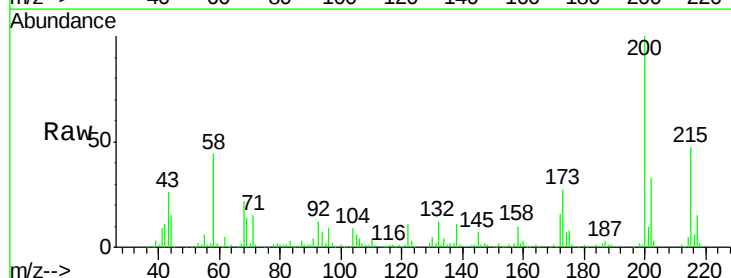


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

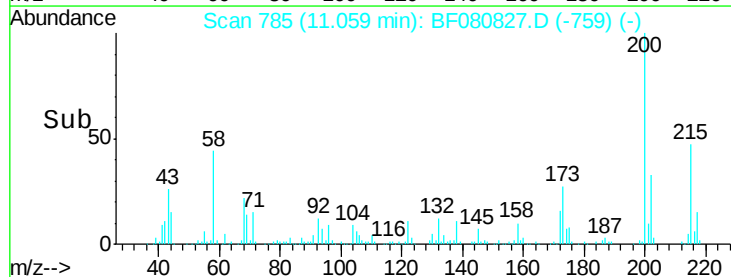
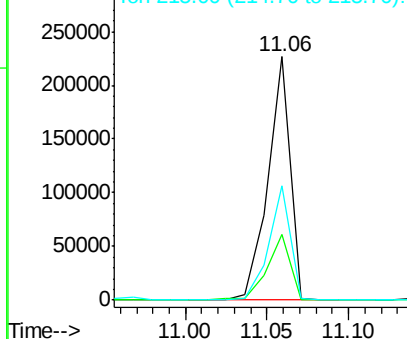


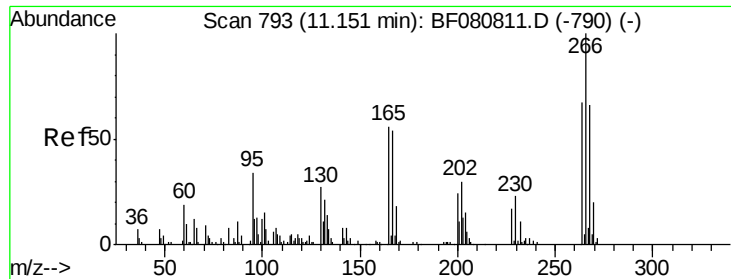
#68
Atrazine
Concen: 45.08 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.0	46.0
215	47.0	26.4	66.4



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

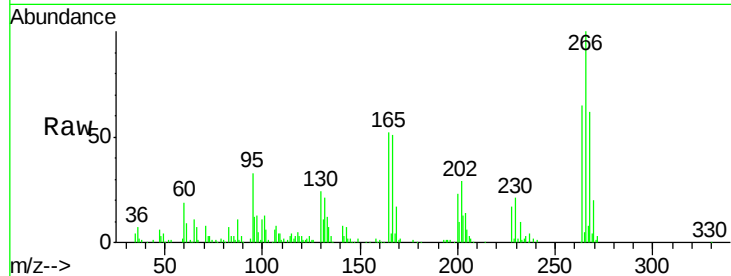




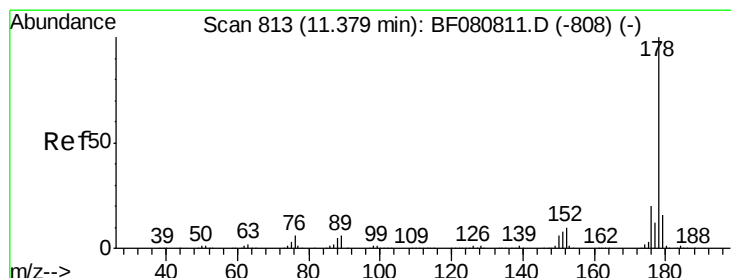
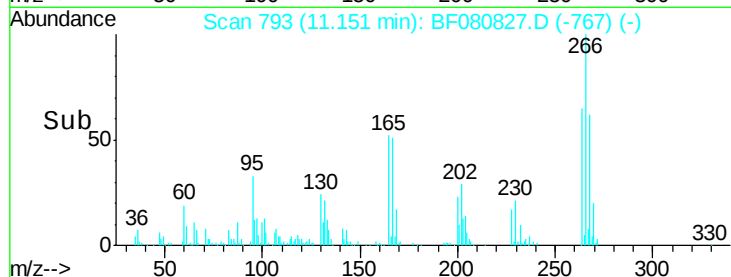
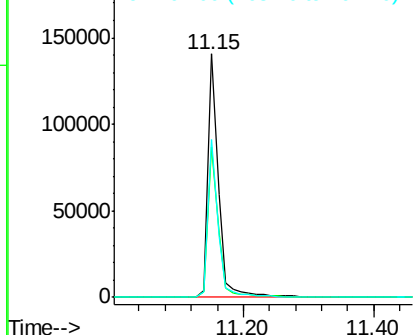
#69
 Pentachlorophenol
 Concen: 40.14 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 158615
 Ion Ratio Lower Upper
 266 100
 268 61.9 52.7 79.1
 264 64.7 53.4 80.0

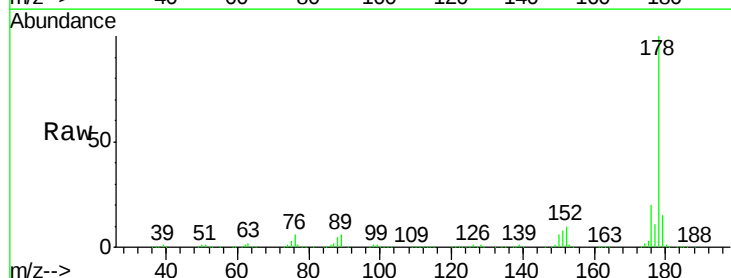


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

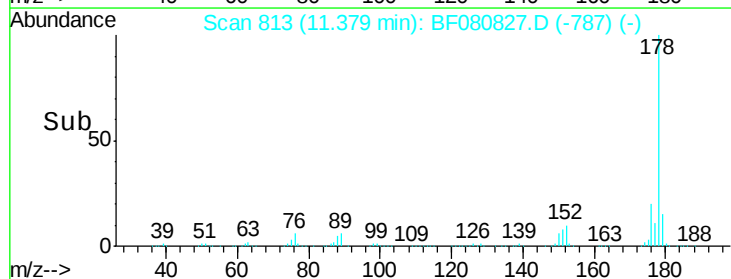
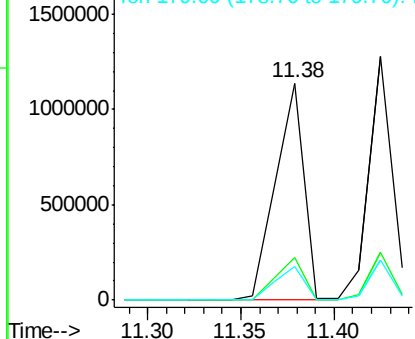


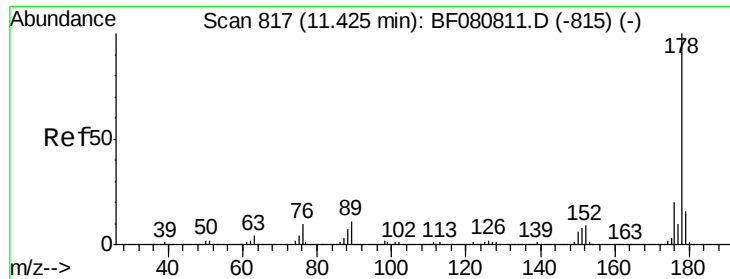
#70
 Phenanthrene
 Concen: 39.36 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion:178 Resp: 1218357
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.3 24.5
 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

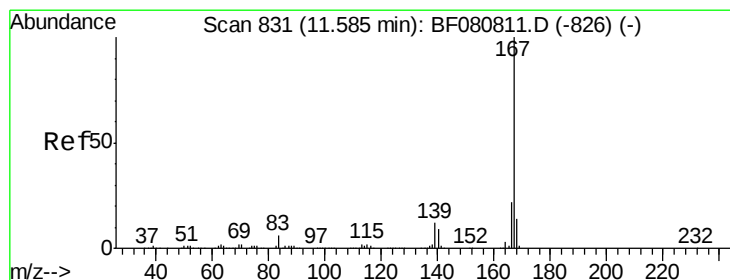
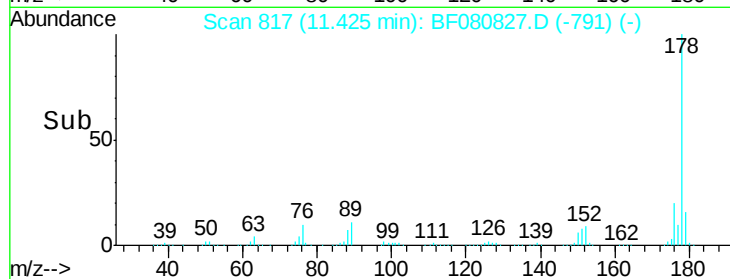
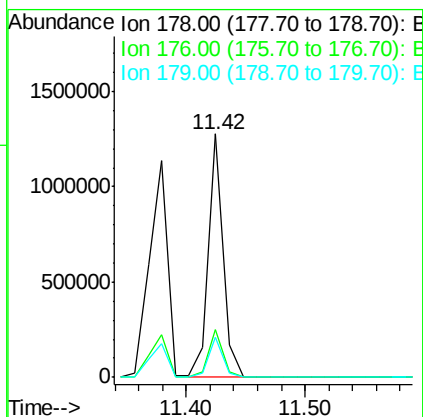
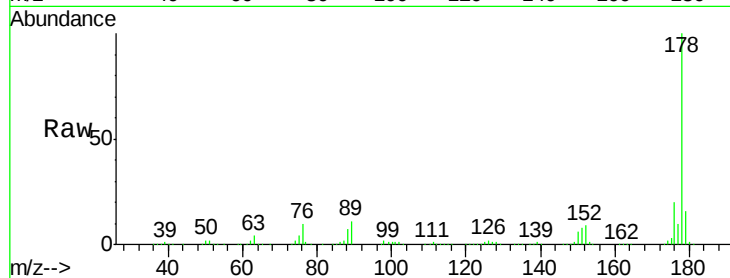




#71
 Anthracene
 Concen: 36.28 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

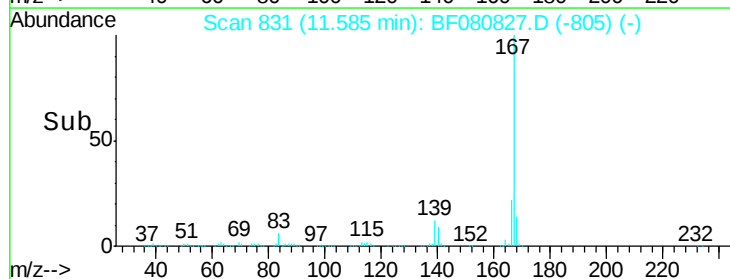
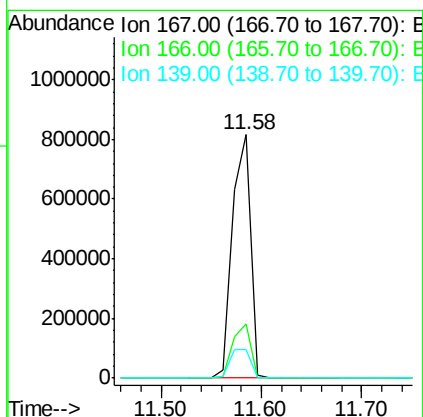
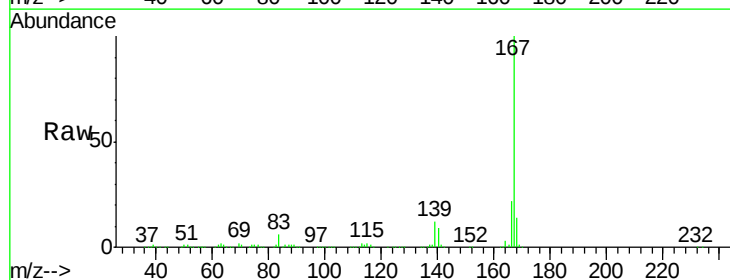
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

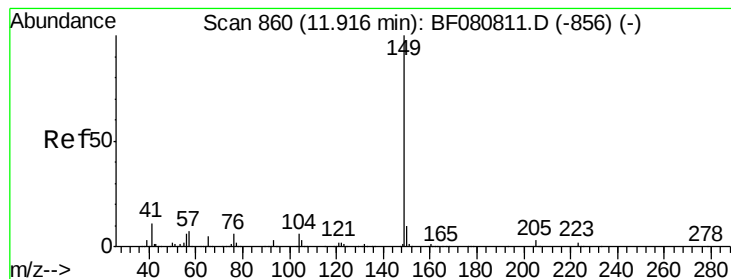
Tgt Ion:178 Resp: 1108593
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 16.3 13.0 19.4



#72
 Carbazole
 Concen: 38.66 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion:167 Resp: 1023090
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 11.6 9.6 14.4





#73

Di-n-butylphthalate

Concen: 36.10 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

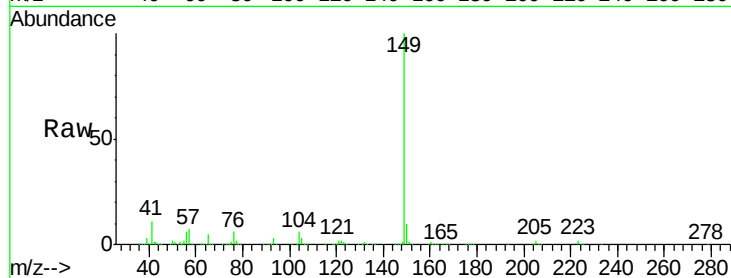
Tgt Ion:149 Resp: 1143717

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

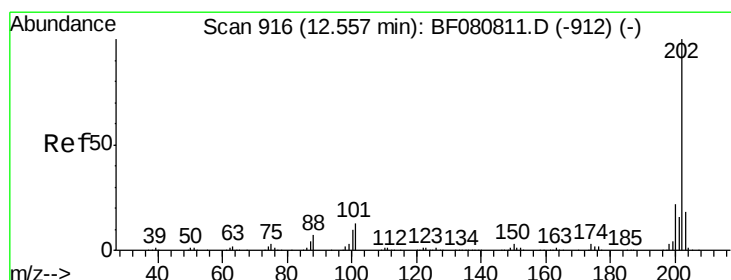
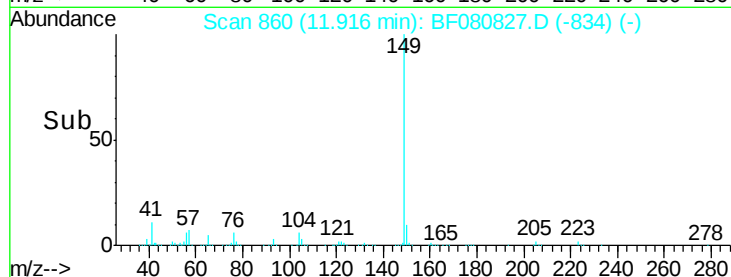
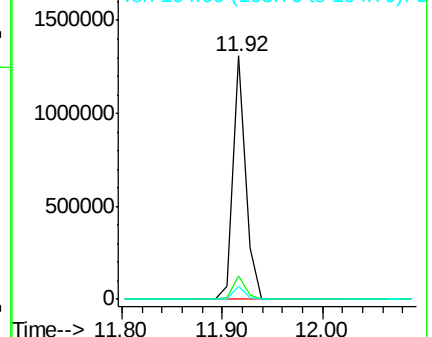
104 5.6 4.6 6.8



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: 34.68 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

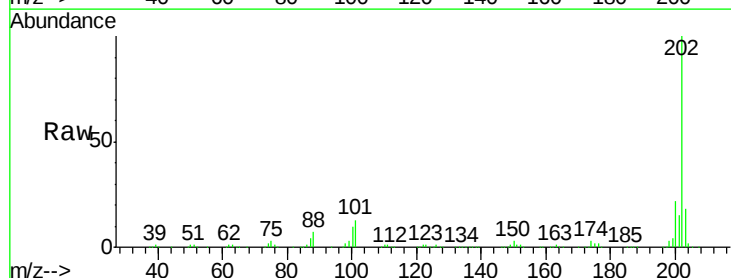
Tgt Ion:202 Resp: 1028209

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.0

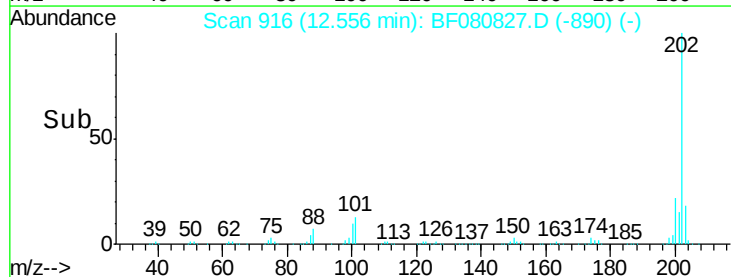
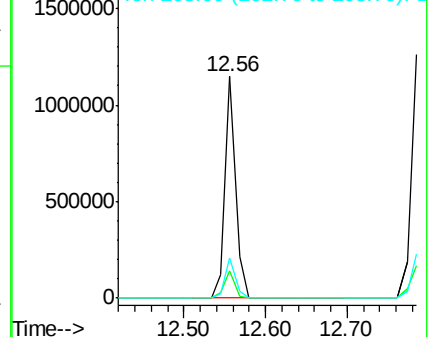
203 18.3 0.0 38.1

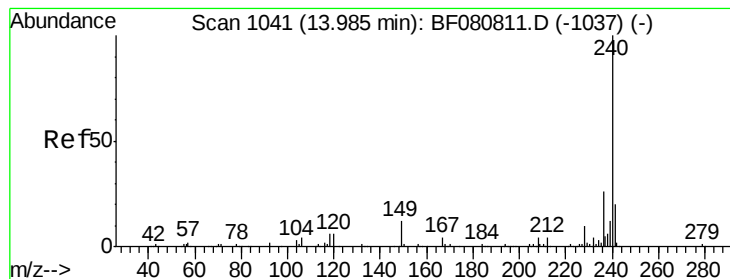


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

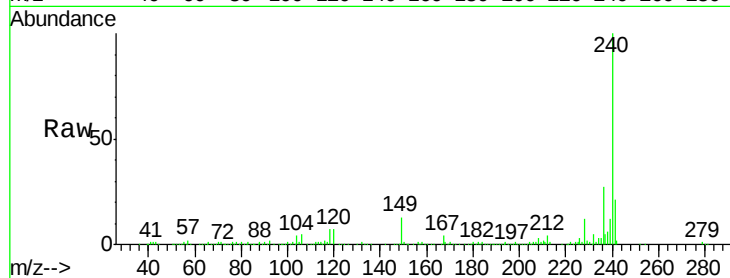
Tgt Ion:240 Resp: 365625

Ion Ratio Lower Upper

240 100

120 7.3 5.0 7.4

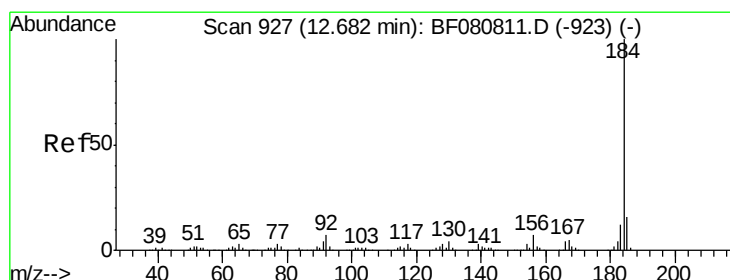
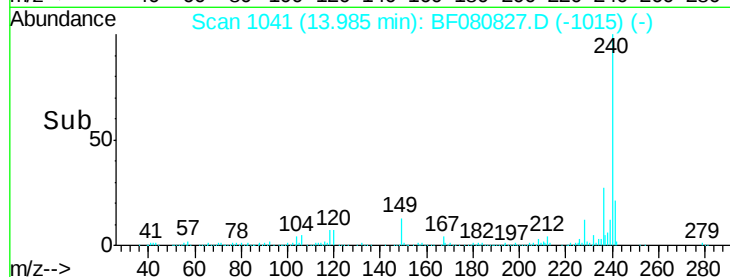
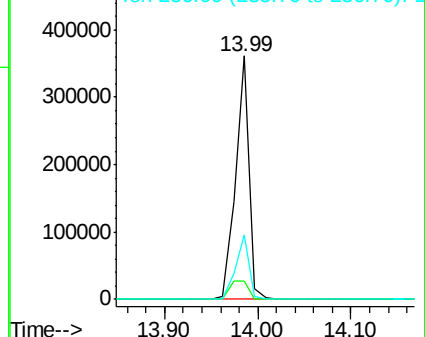
236 26.7 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.45 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF080827.D

Acq: 4 Aug 2015 6:40

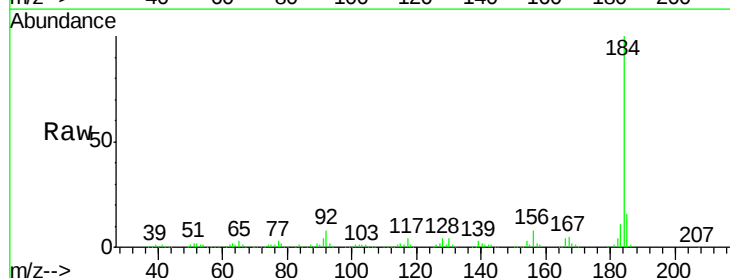
Tgt Ion:184 Resp: 476359

Ion Ratio Lower Upper

184 100

185 16.1 12.6 18.8

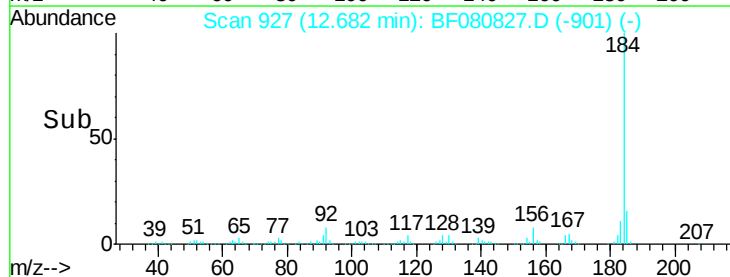
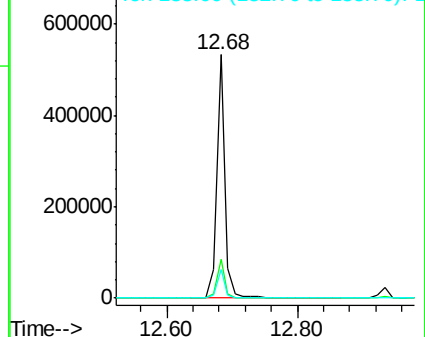
183 11.5 9.3 13.9

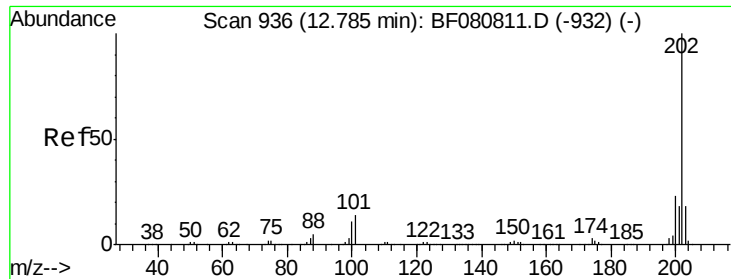


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

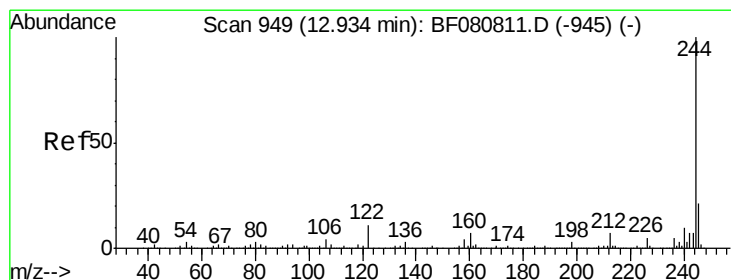
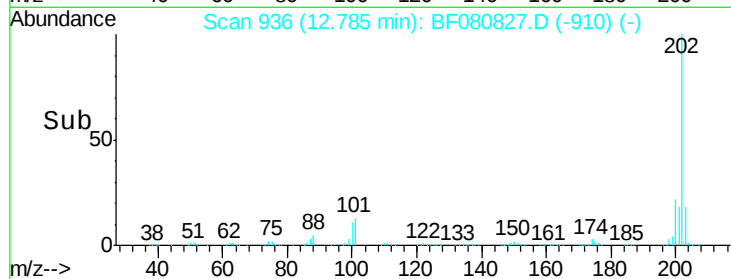
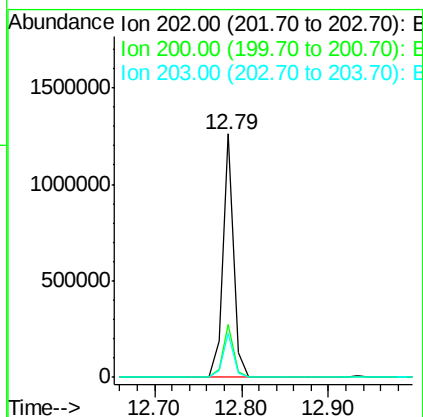
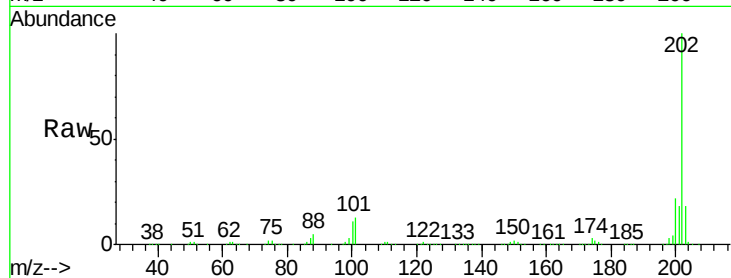




#77
 Pyrene
 Concen: 40.42 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

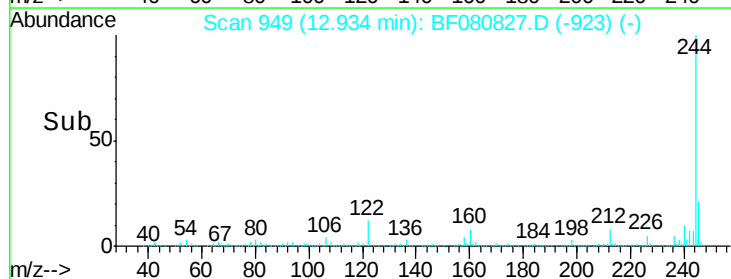
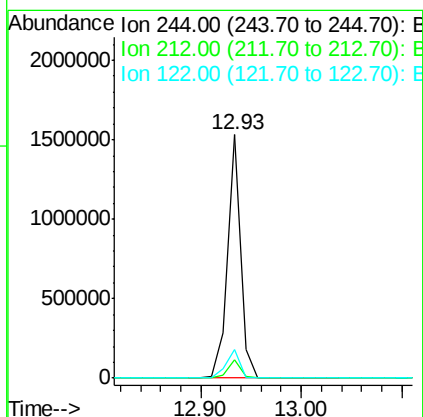
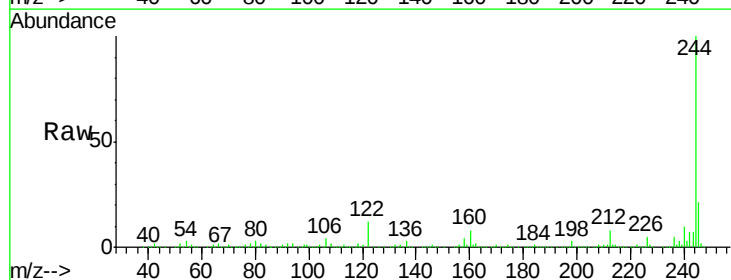
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

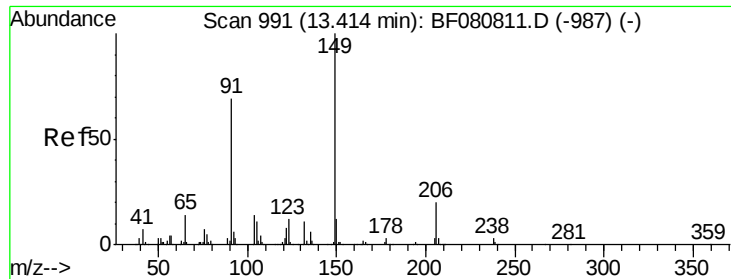
Tgt Ion:202 Resp: 1095530
 Ion Ratio Lower Upper
 202 100
 200 22.0 18.2 27.4
 203 18.1 14.8 22.2



#78
 Terphenyl-d14
 Concen: 75.35 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion:244 Resp: 1382431
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 11.7 9.1 13.7

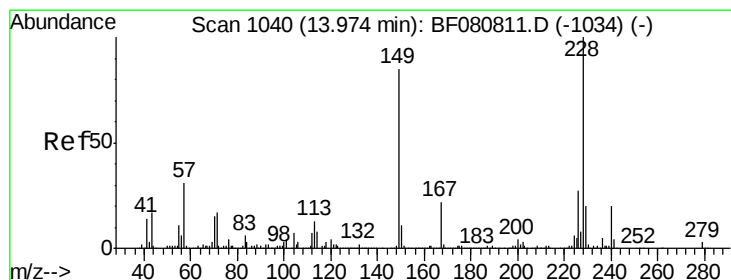
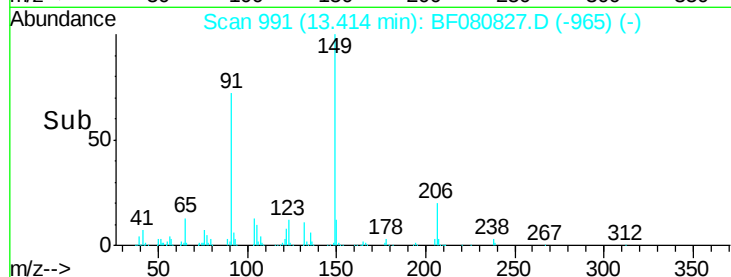
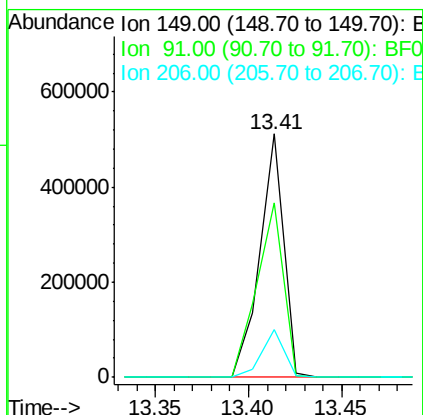
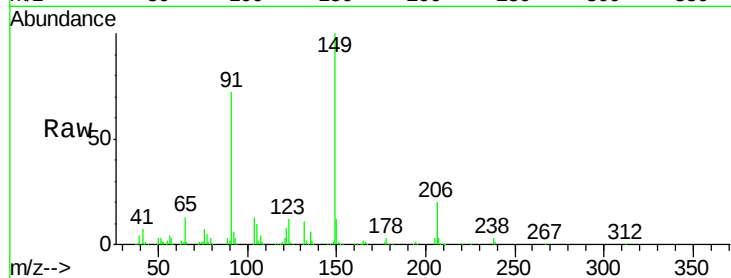




#79
Butylbenzylphthalate
Concen: 42.32 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

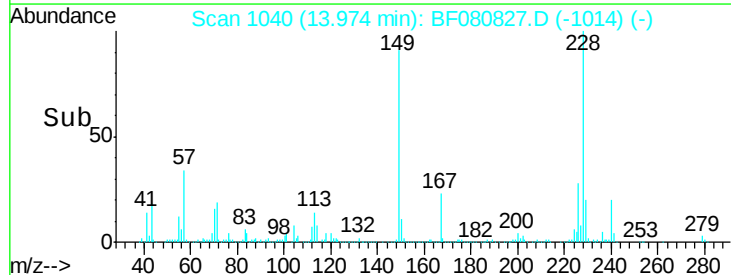
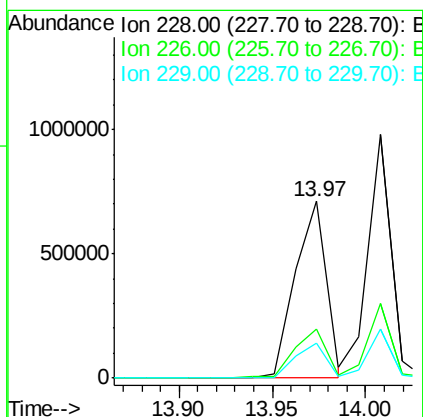
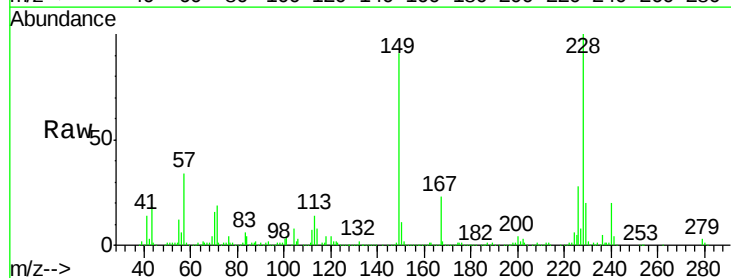
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

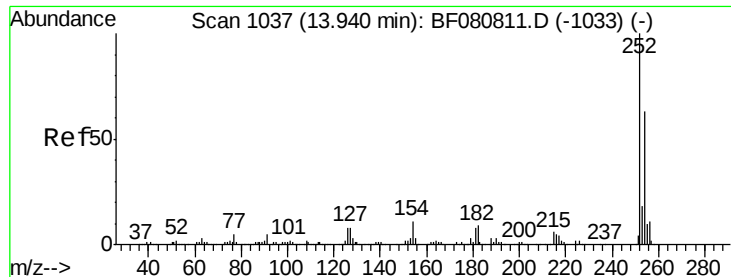
Tgt Ion:149 Resp: 451763
Ion Ratio Lower Upper
149 100
91 71.7 55.4 83.2
206 19.7 15.8 23.6



#80
Benzo(a)anthracene
Concen: 39.90 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion:228 Resp: 832850
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 19.8 15.7 23.5

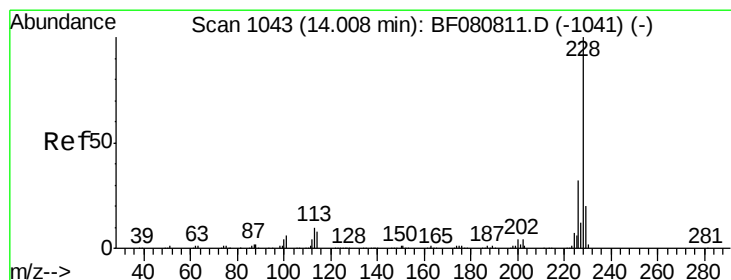
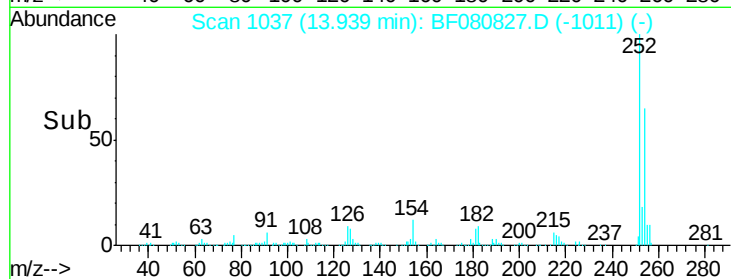
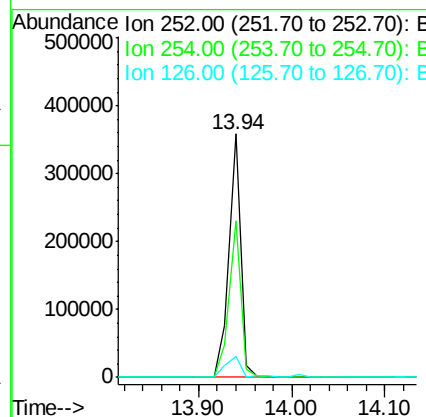
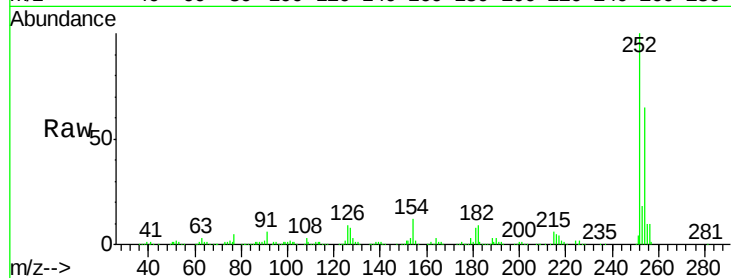




#81
 3,3'-Dichlorobenzidine
 Concen: 42.72 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

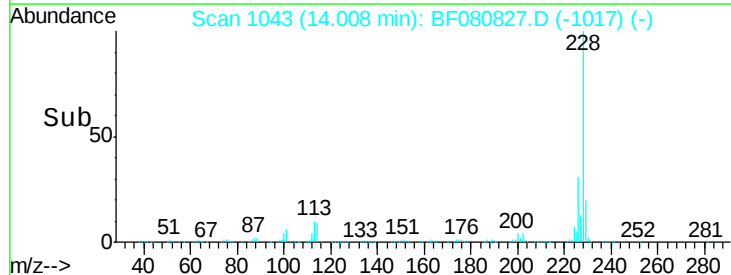
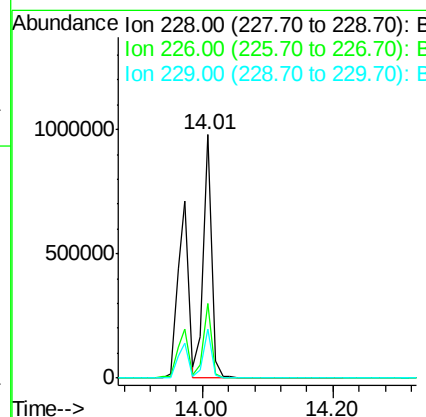
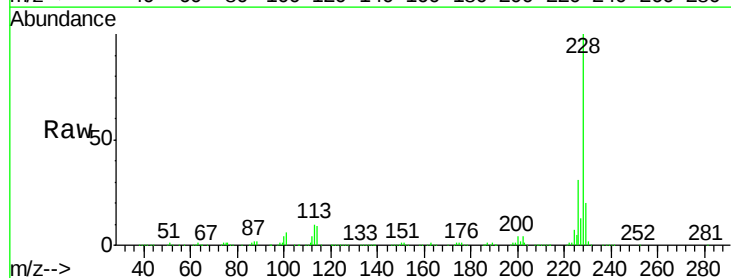
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

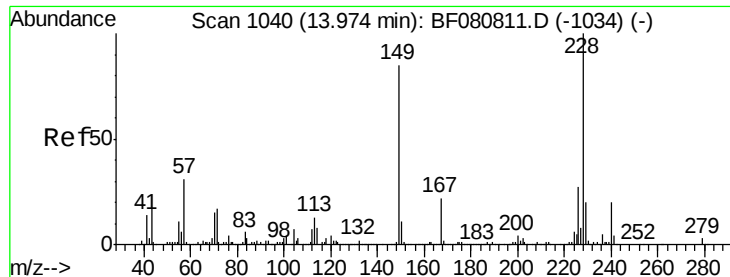
Tgt Ion: 252 Resp: 316393
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.1 75.1
 126 8.6 6.2 9.4



#82
 Chrysene
 Concen: 42.03 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion: 228 Resp: 852789
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 20.0 16.1 24.1

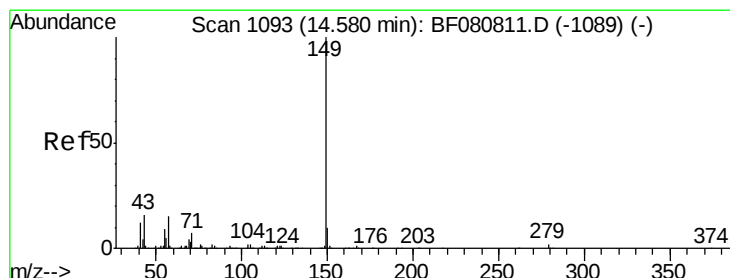
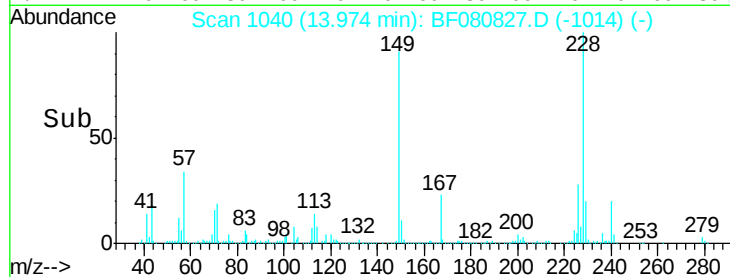
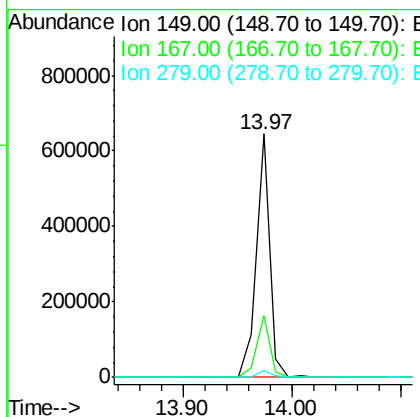
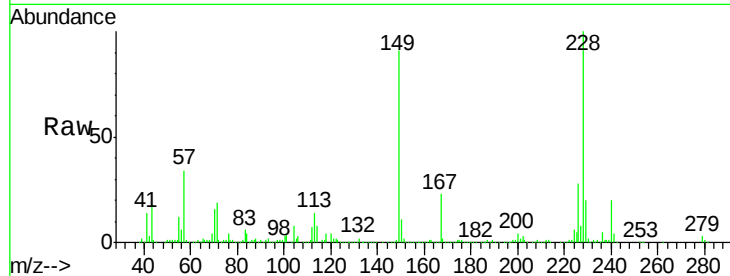




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.34 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

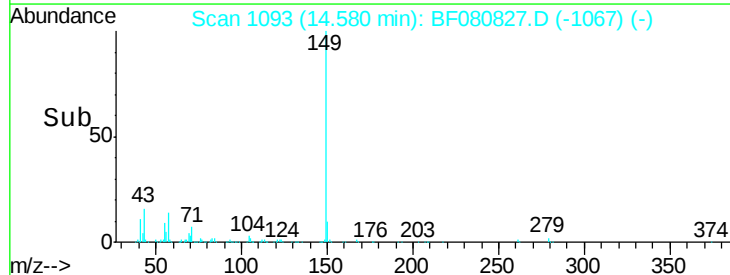
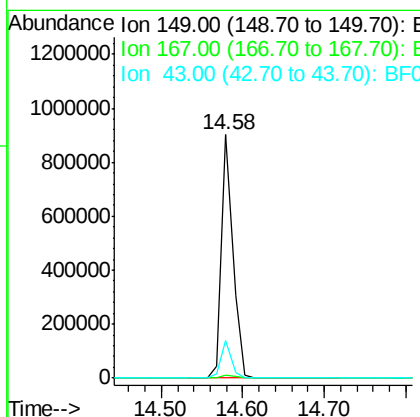
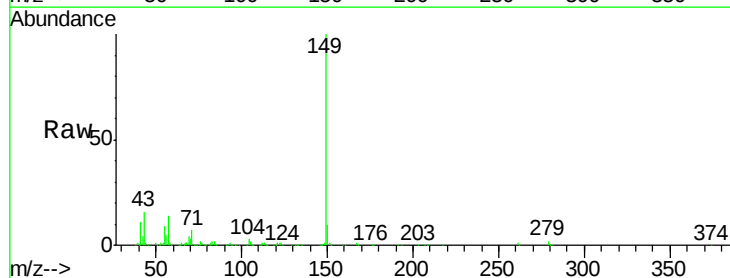
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

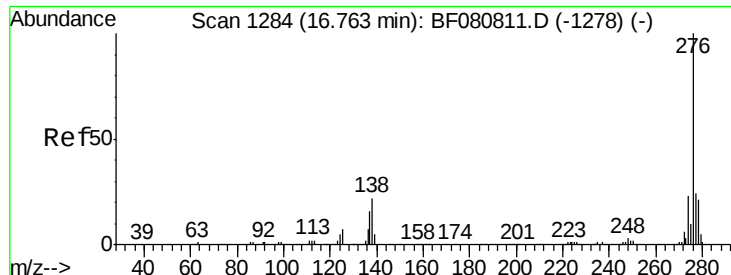
Tgt Ion:149 Resp: 557875
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.4 30.6
 279 2.8 2.4 3.6



#84
 Di-n-octyl phthalate
 Concen: 41.80 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion:149 Resp: 870888
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 14.3 11.8 17.8

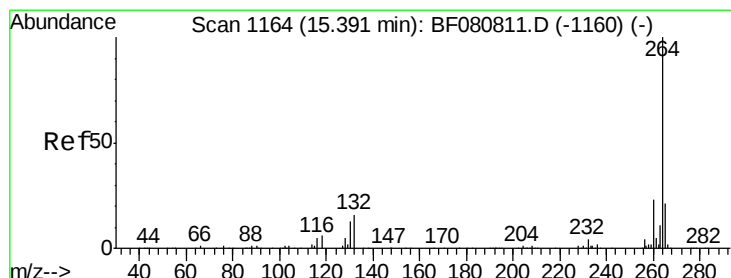
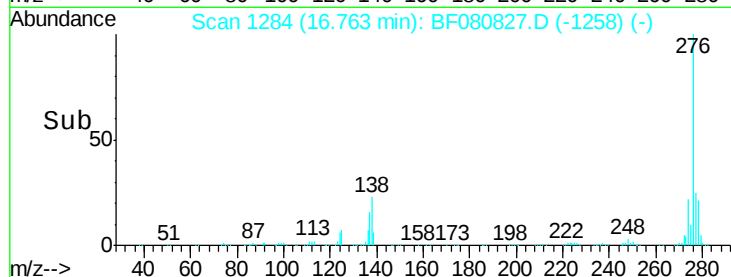
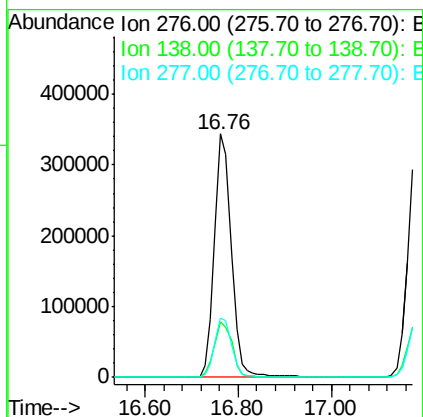
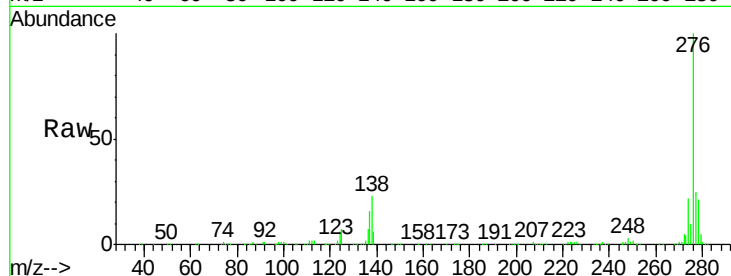




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.07 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

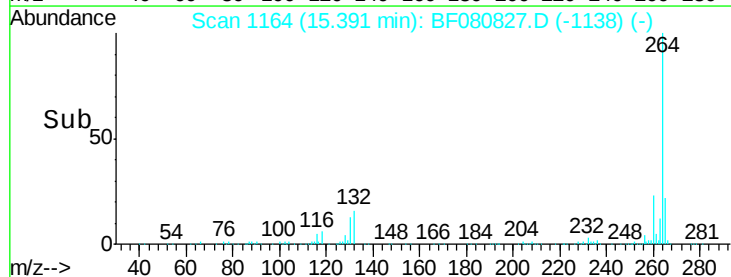
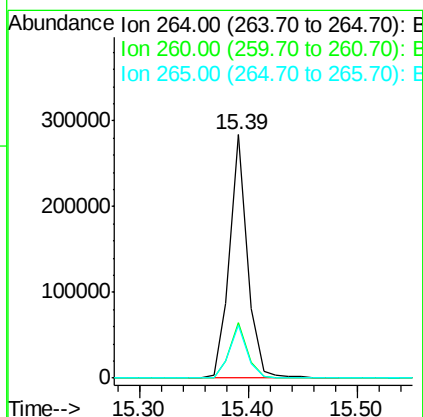
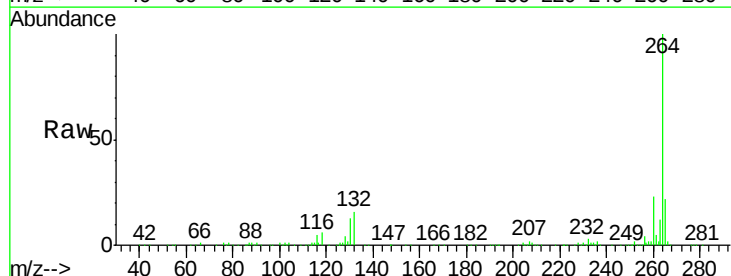
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

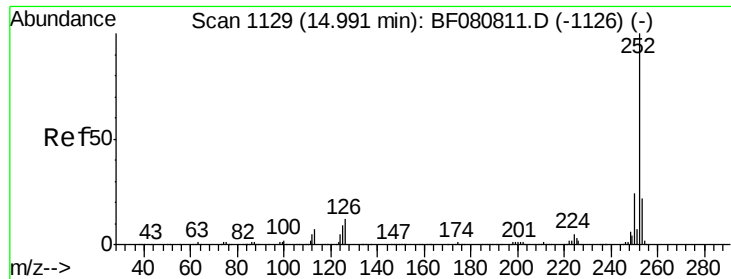
Tgt Ion: 276 Resp: 875918
 Ion Ratio Lower Upper
 276 100
 138 24.2 18.6 27.8
 277 24.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF080827.D
 Acq: 4 Aug 2015 6:40

Tgt Ion: 264 Resp: 324109
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 21.8 17.0 25.6

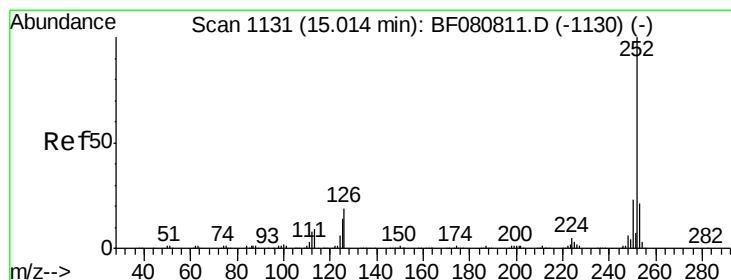
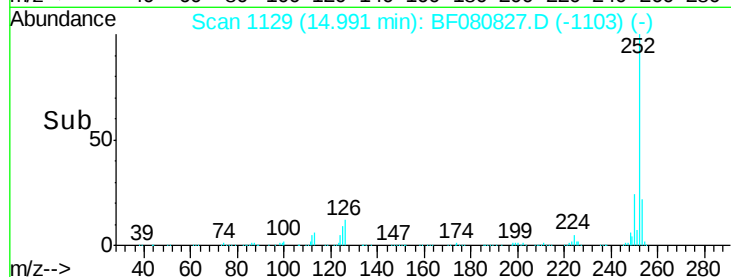
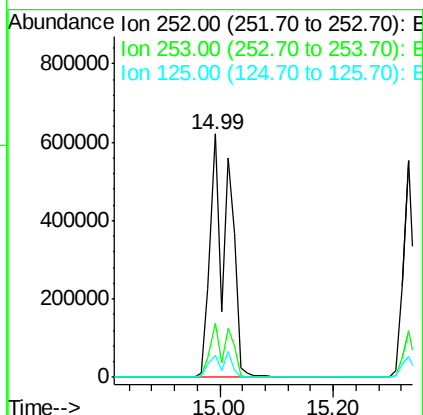
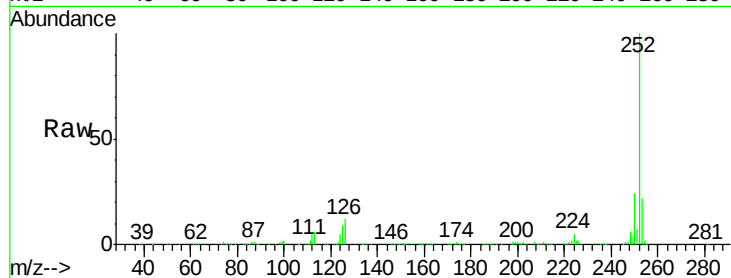




#87
Benzo(b)fluoranthene
Concen: 72.85 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

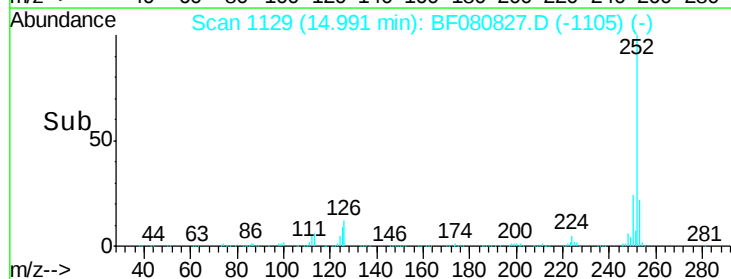
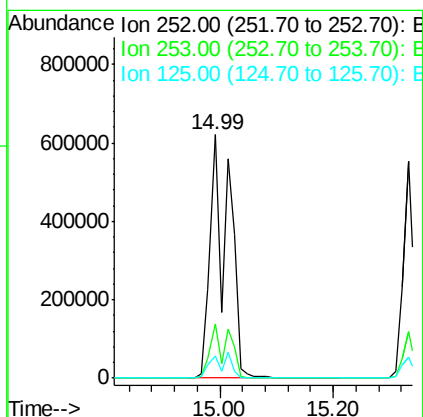
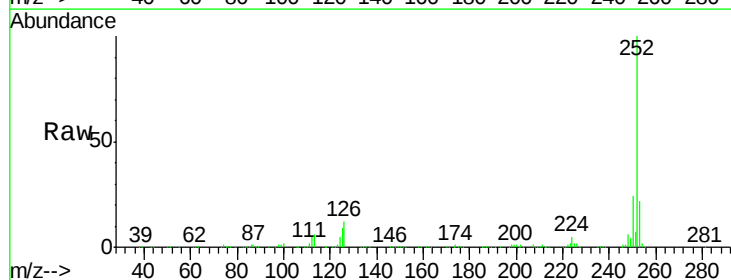
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

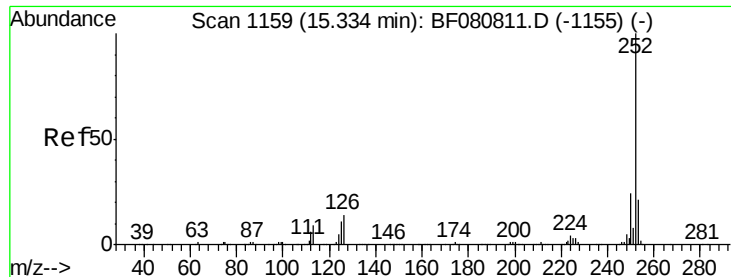
Tgt Ion:252 Resp: 1382233
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.1 7.4 11.0



#88
Benzo(k)fluoranthene
Concen: 83.60 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion:252 Resp: 1382233
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.1 9.9 14.9#

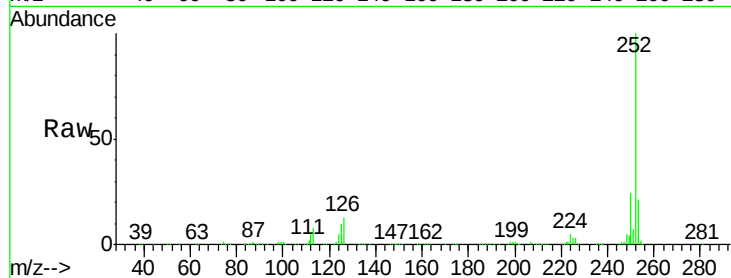




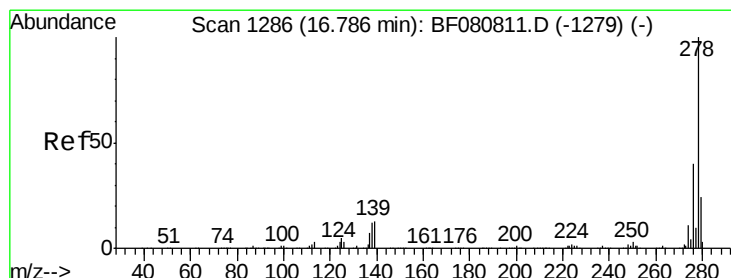
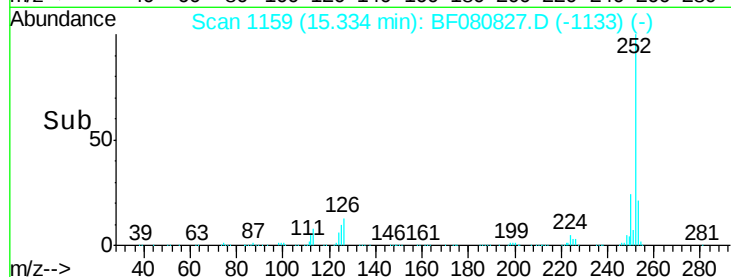
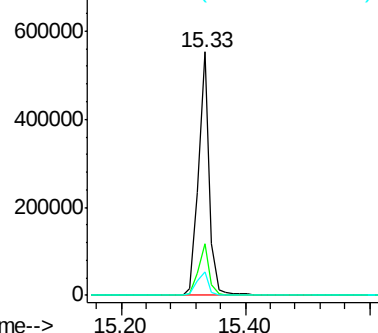
#89
Benzo(a)pyrene
Concen: 40.90 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 661794
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 9.7 8.9 13.3

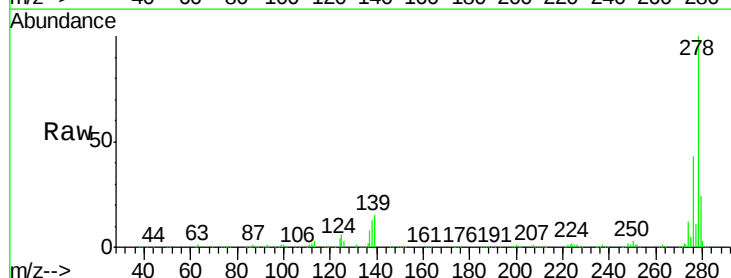


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

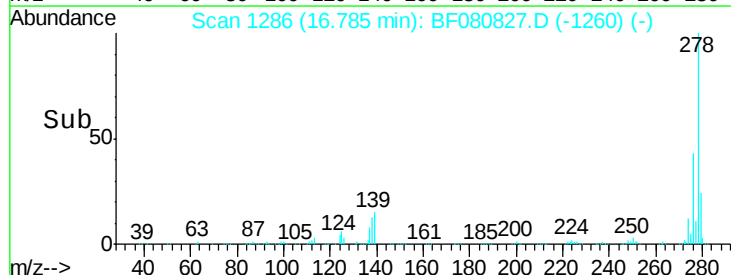
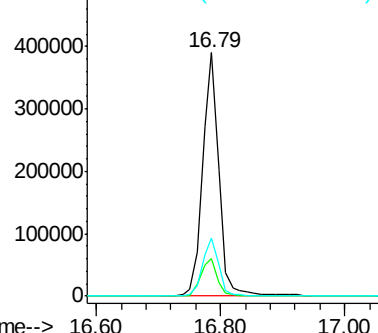


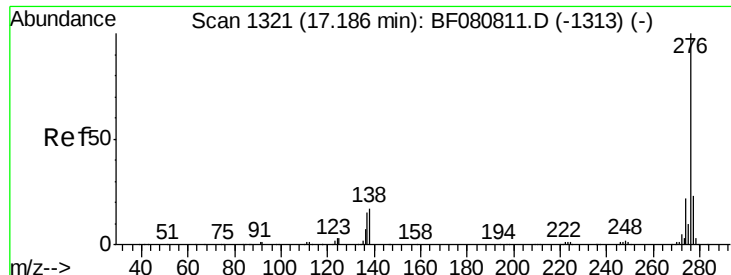
#90
Dibenzo(a,h)anthracene
Concen: 45.28 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF080827.D
Acq: 4 Aug 2015 6:40

Tgt Ion:278 Resp: 709792
Ion Ratio Lower Upper
278 100
139 15.2 10.7 16.1
279 23.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.32 ng

RT: 17.19 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF080827.D

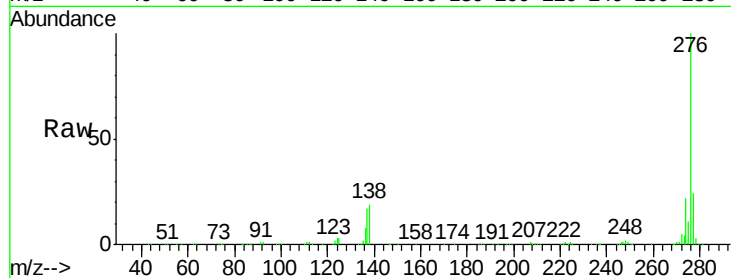
Acq: 4 Aug 2015 6:40

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



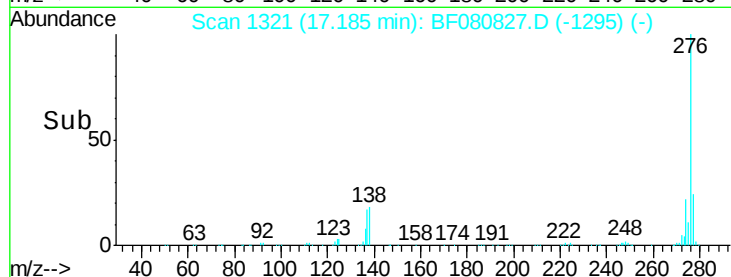
Tgt Ion: 276 Resp: 756939

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 18.5 13.3 19.9



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

