

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081397.D
 Acq On : 4 Sep 2015 2:06
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 04 03:07:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	58828	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	220992	20.00	ng	-0.01
38) Acenaphthene-d10	9.40	164	109209	20.00	ng	0.00
63) Phenanthrene-d10	10.87	188	218987	20.00	ng	0.00
75) Chrysene-d12	13.47	240	170555	20.00	ng	0.00
86) Perylene-d12	14.78	264	107309	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	301828	79.60	ng	0.00
7) Phenol-d6	6.04	99	418172	83.32	ng	0.00
23) Nitrobenzene-d5	6.95	82	359452	78.48	ng	0.00
41) 2,4,6-Tribromophenol	10.19	330	77159	79.35	ng	0.00
44) 2-Fluorobiphenyl	8.74	172	589412	69.16	ng	-0.01
78) Terphenyl-d14	12.45	244	573842	78.32	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.68	88	63454	37.26	ng	93
3) Pyridine	2.23	79	166282	35.41	ng	95
4) n-Nitrosodimethylamine	2.19	42	103075	39.51	ng	80
6) Aniline	6.03	93	289304	40.82	ng	# 81
8) 2-Chlorophenol	6.16	128	164954	39.48	ng	96
9) Benzaldehyde	5.91	77	119954	38.14	ng	# 83
10) Phenol	6.06	94	252324	43.35	ng	# 64
11) bis(2-Chloroethyl)ether	6.12	93	174733	41.61	ng	90
12) 1,3-Dichlorobenzene	6.31	146	184982	41.44	ng	# 93
13) 1,4-Dichlorobenzene	6.39	146	181226	39.87	ng	# 91
14) 1,2-Dichlorobenzene	6.54	146	150382	36.75	ng	# 86
15) Benzyl Alcohol	6.54	79	155117	37.68	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	6.67	45	318018	39.51	ng	# 11
17) 2-Methylphenol	6.67	107	137352	41.20	ng	# 78
18) Hexachloroethane	6.88	117	67831	38.36	ng	94
19) n-Nitroso-di-n-propylamine	6.81	70	135978	39.81	ng	# 88
20) 3+4-Methylphenols	6.83	107	187223	41.65	ng	87
22) Acetophenone	6.80	105	236219	39.13	ng	# 75
24) Nitrobenzene	6.97	77	217503	45.73	ng	# 64
25) Isophorone	7.22	82	350183	41.10	ng	# 89
26) 2-Nitrophenol	7.29	139	91645	44.20	ng	# 62
27) 2,4-Dimethylphenol	7.35	122	141213	39.44	ng	# 75
28) bis(2-Chloroethoxy)methane	7.44	93	191004	38.81	ng	# 90
29) 2,4-Dichlorophenol	7.54	162	126989	40.90	ng	99
30) 1,2,4-Trichlorobenzene	7.61	180	144491	42.83	ng	99
31) Naphthalene	7.68	128	452545	38.40	ng	98
32) Benzoic acid	7.51	122	91222	36.33	ng	# 55
33) 4-Chloroaniline	7.75	127	192175	39.98	ng	# 82
34) Hexachlorobutadiene	7.82	225	84817	41.32	ng	98
35) Caprolactam	8.14	113	38315	40.23	ng	# 26
36) 4-Chloro-3-methylphenol	8.25	107	137090	39.44	ng	# 70
37) 2-Methylnaphthalene	8.38	142	336898	43.93	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	120814	34.98	ng	97
40) Hexachlorocyclopentadiene	8.52	237	54724	32.29	ng	97

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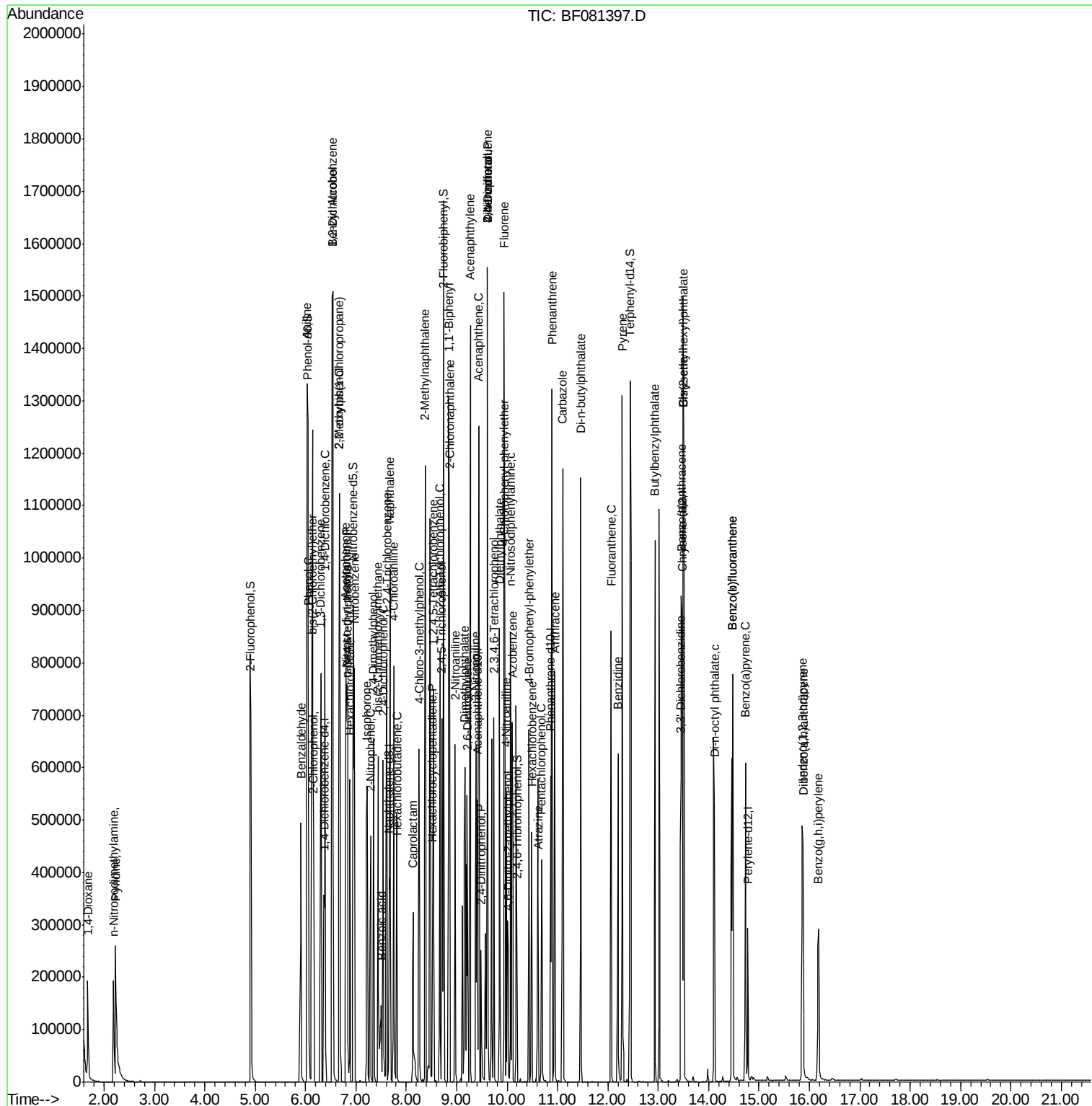
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	92565	38.83	nq	99
43) 2,4,5-Trichlorophenol	8.71	196	96044	39.50	nq	# 86
45) 1,1'-Biphenyl	8.84	154	400509	39.86	nq	94
46) 2-Chloronaphthalene	8.86	162	267923	36.93	nq	# 88
47) 2-Nitroaniline	8.97	65	131145	44.35	nq	# 72
48) Acenaphthylene	9.27	152	508731	39.52	nq	98
49) Dimethylphthalate	9.16	163	340845	40.17	nq	# 97
50) 2,6-Dinitrotoluene	9.21	165	66197	34.37	nq	# 3
51) Acenaphthene	9.44	154	296870	40.54	nq	91
52) 3-Nitroaniline	9.38	138	97713	44.57	nq	# 60
53) 2,4-Dinitrophenol	9.48	184	30883	38.07	nq	# 10
54) Dibenzofuran	9.61	168	417775	39.07	nq	# 90
55) 4-Nitrophenol	9.61	139	222068	161.23	nq	# 31
56) 2,4-Dinitrotoluene	9.61	165	84609	34.50	nq	# 20
57) Fluorene	9.94	166	297808	36.70	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.74	232	79249	42.69	nq	95
59) Diethylphthalate	9.85	149	322846	36.17	nq	94
60) 4-Chlorophenyl-phenylether	9.95	204	155225	41.04	nq	98
61) 4-Nitroaniline	9.99	138	81734	36.90	nq	# 29
62) Azobenzene	10.10	77	367496	37.03	nq	# 81
64) 4,6-Dinitro-2-methylphenol	10.02	198	47975	39.17	nq	# 74
65) n-Nitrosodiphenylamine	10.07	169	281105	35.28	nq	93
66) 4-Bromophenyl-phenylether	10.43	248	89509	40.42	nq	99
67) Hexachlorobenzene	10.49	284	89822	38.80	nq	# 79
68) Atrazine	10.62	200	84854	36.80	nq	83
69) Pentachlorophenol	10.68	266	44876	44.21	nq	98
70) Phenanthrene	10.89	178	442785	36.37	nq	96
71) Anthracene	10.95	178	468588	37.46	nq	98
72) Carbazole	11.11	167	448249	38.19	nq	96
73) Di-n-butylphthalate	11.46	149	555150	40.05	nq	# 98
74) Fluoranthene	12.07	202	528865	40.13	nq	85
76) Benzidine	12.21	184	250480	34.21	nq	98
77) Pyrene	12.29	202	527750	41.77	nq	99
79) Butylbenzylphthalate	12.94	149	232972	42.40	nq	# 86
80) Benzo(a)anthracene	13.46	228	424375	39.07	nq	98
81) 3,3'-Dichlorobenzidine	13.45	252	135381	36.95	nq	# 90
82) Chrysene	13.51	228	385408	39.58	nq	96
83) Bis(2-ethylhexyl)phthalate	13.51	149	281646	38.84	nq	94
84) Di-n-octyl phthalate	14.11	149	414870	34.75	nq	98
85) Indeno(1,2,3-cd)pyrene	15.86	276	262727	36.78	nq	# 86
87) Benzo(b)fluoranthene	14.48	252	624480	81.51	nq	# 86
88) Benzo(k)fluoranthene	14.48	252	624480	98.24	nq	# 87
89) Benzo(a)pyrene	14.73	252	250023	38.51	nq	# 89
90) Dibenzo(a,h)anthracene	15.87	278	215758	43.01	nq	# 80
91) Benzo(g,h,i)perylene	16.18	276	221494	46.26	nq	# 73

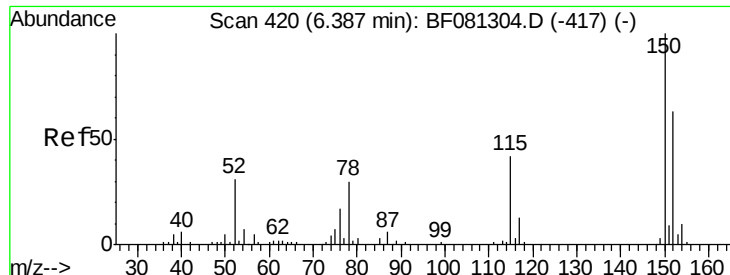
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : UM/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

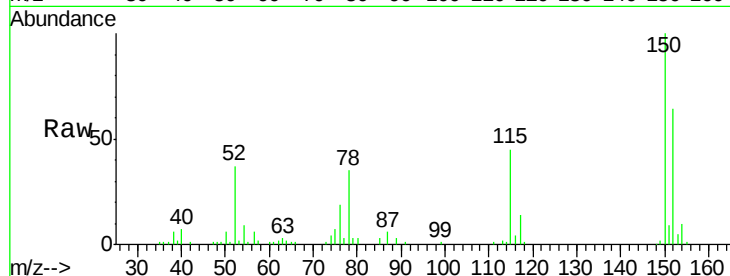
Tot Ion:152 Resp: 58828

Ion Ratio Lower Upper

152 100

150 156.4 124.7 187.1

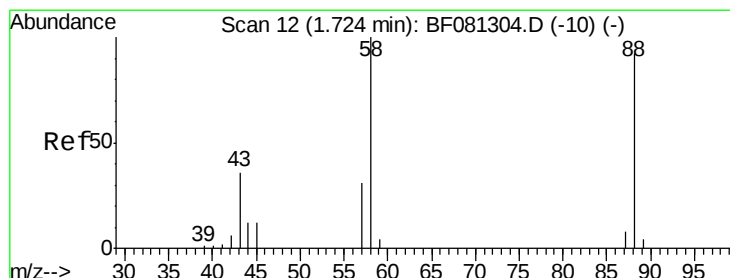
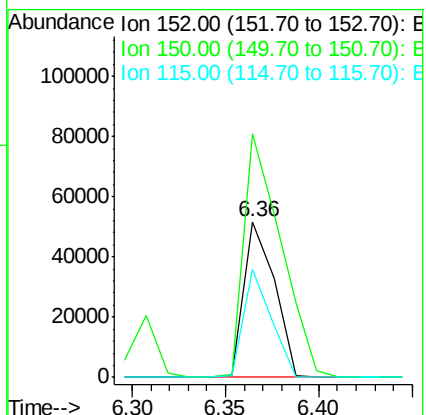
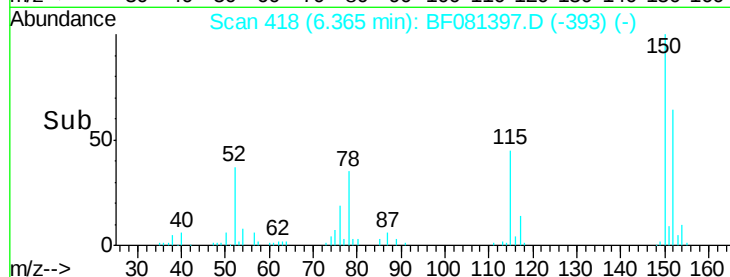
115 69.7 39.0 58.4#



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: 37.26 ng

RT: 1.68 min Scan# 8

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

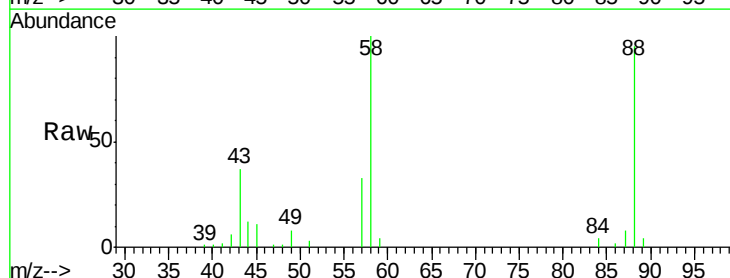
Tgt Ion: 88 Resp: 63454

Ion Ratio Lower Upper

88 100

58 102.5 77.7 116.5

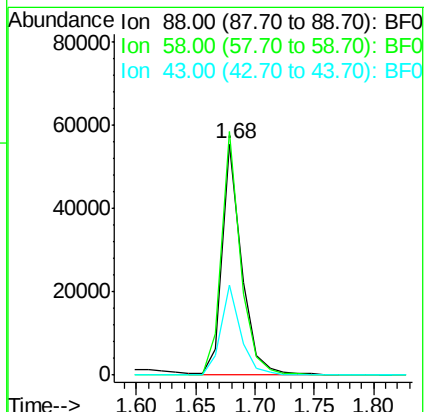
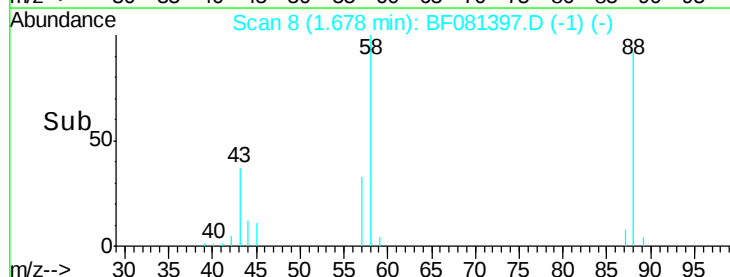
43 38.9 26.6 40.0

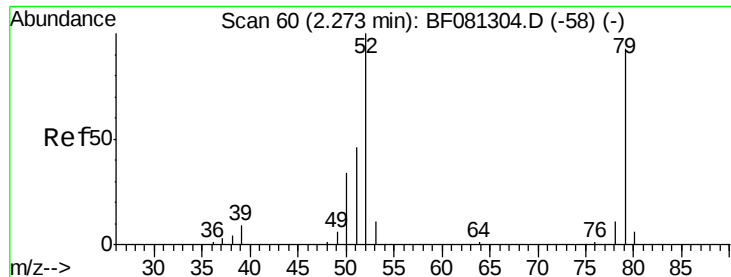


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.41 ng

RT: 2.23 min Scan# 56

Delta R.T. -0.01 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

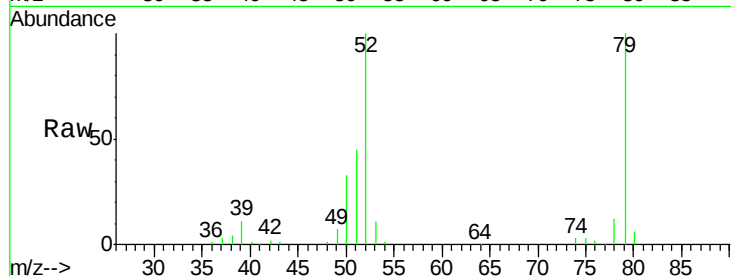
Tot Ion: 79 Resp: 166282

Ion Ratio Lower Upper

79 100

52 100.1 76.8 115.2

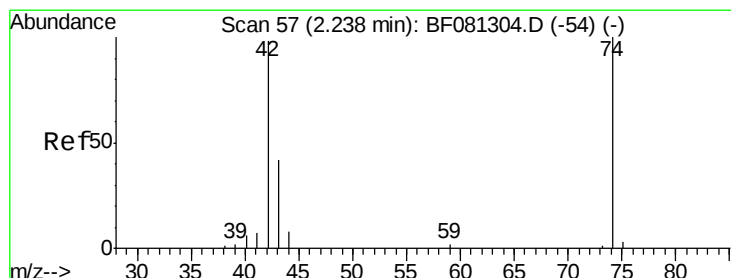
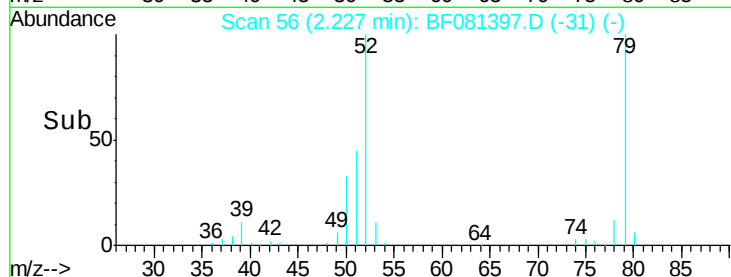
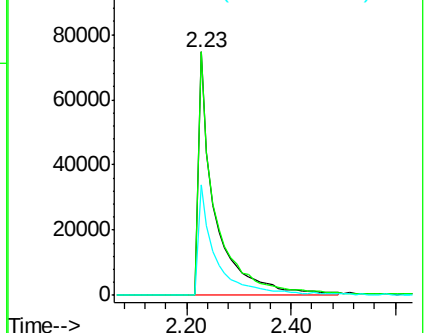
51 45.4 32.2 48.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.51 ng

RT: 2.19 min Scan# 53

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

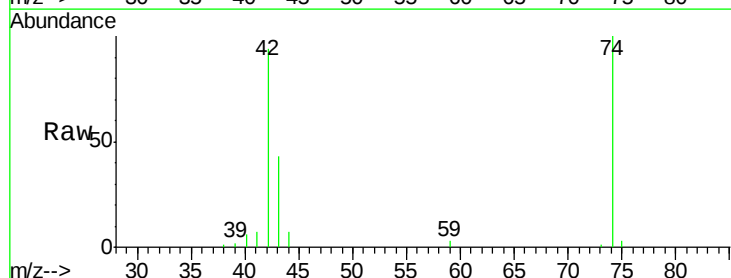
Tgt Ion: 42 Resp: 103075

Ion Ratio Lower Upper

42 100

74 106.0 105.0 157.6

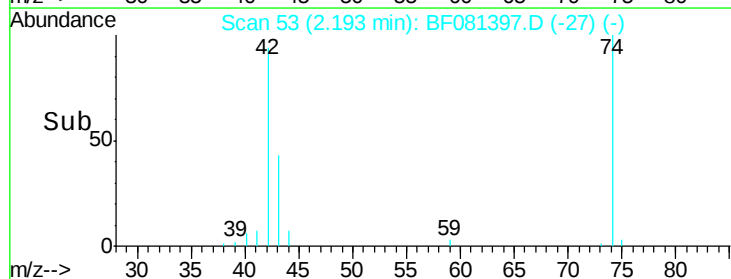
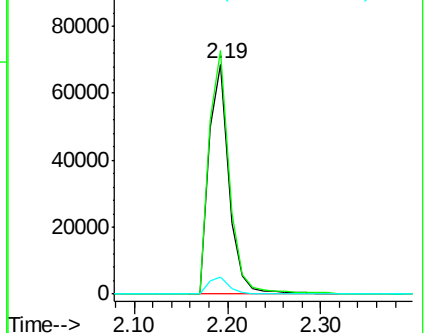
44 7.3 6.6 10.0

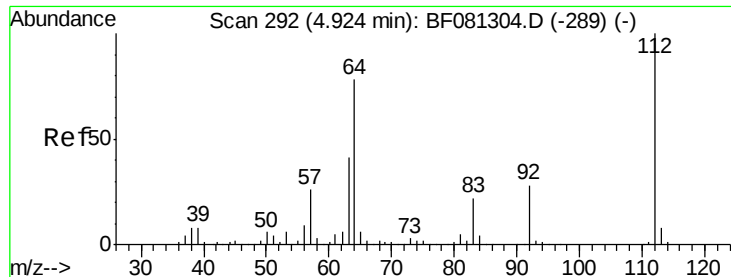


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.60 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

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ClientSampleId :

SSTDCCC040

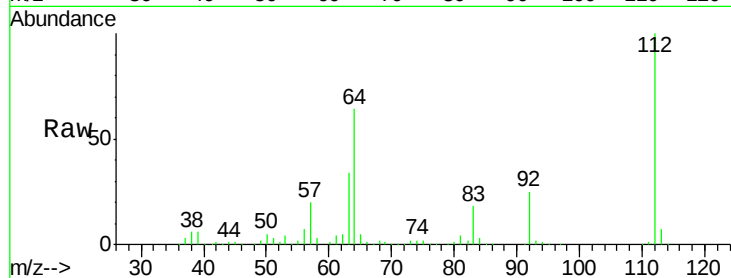
Tot Ion: 112 Resp: 301828

Ion Ratio Lower Upper

112 100

64 64.1 39.7 59.5#

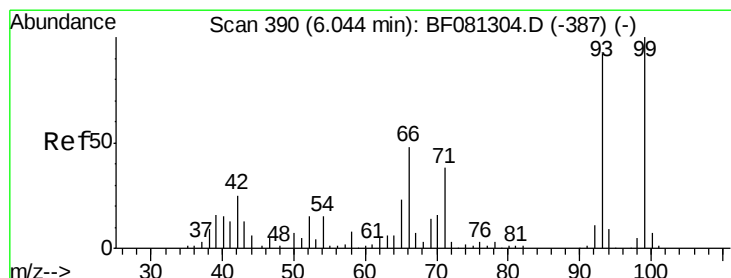
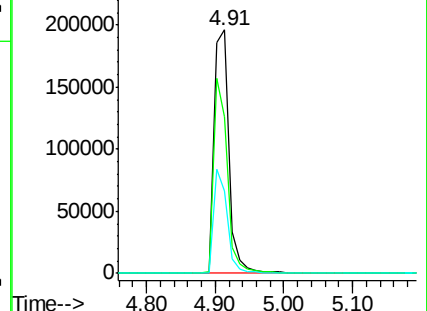
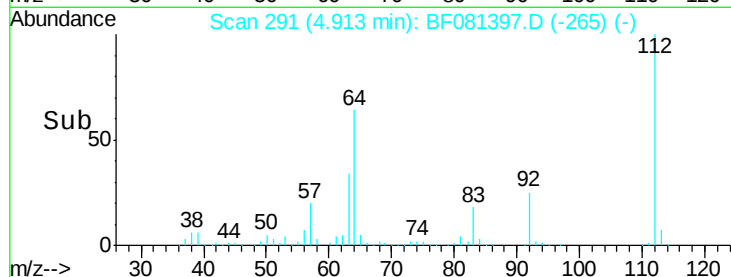
63 33.9 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.82 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

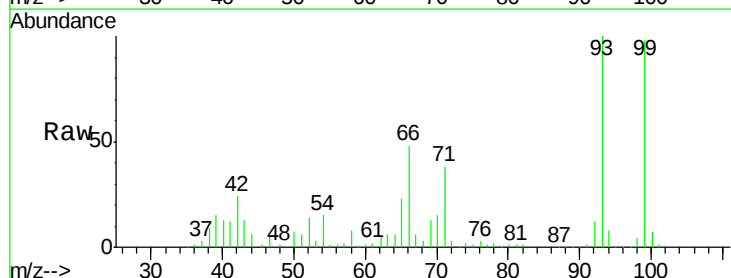
Tgt Ion: 93 Resp: 289304

Ion Ratio Lower Upper

93 100

66 47.8 27.2 40.8#

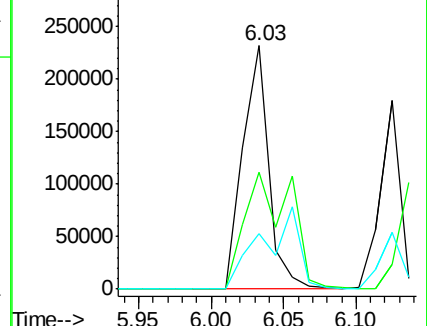
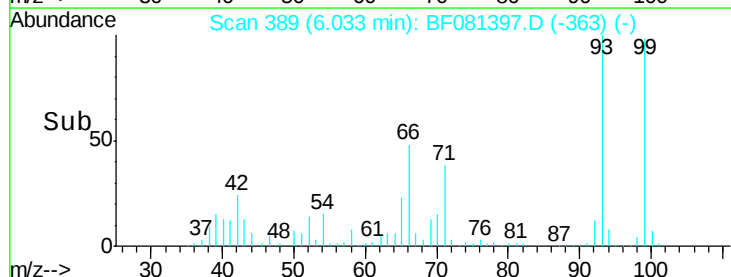
65 22.8 14.7 22.1#



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: 83.32 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

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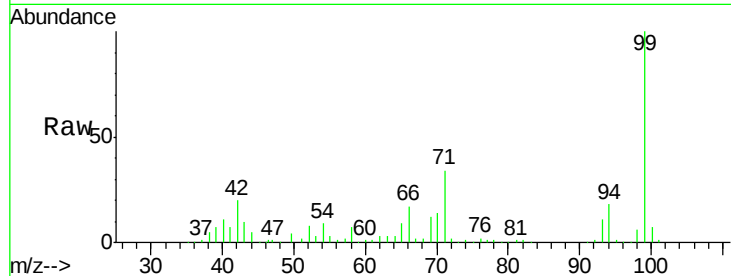
Tot Ion: 99 Resp: 418172

Ion Ratio Lower Upper

99 100

42 19.6 13.7 20.5

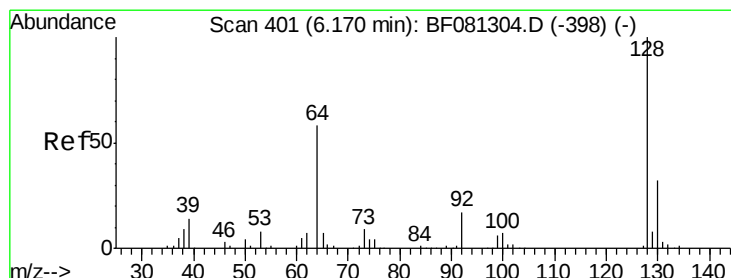
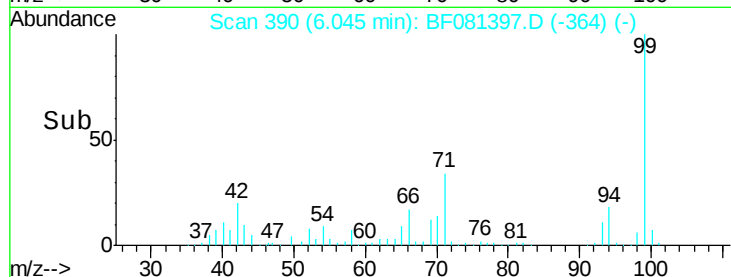
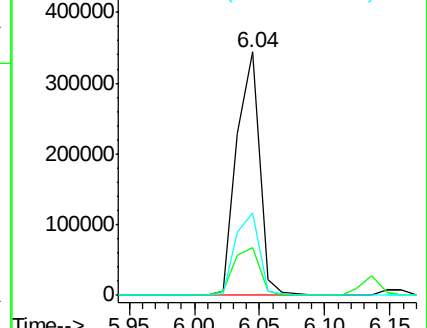
71 33.7 14.2 21.2#



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: 39.48 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

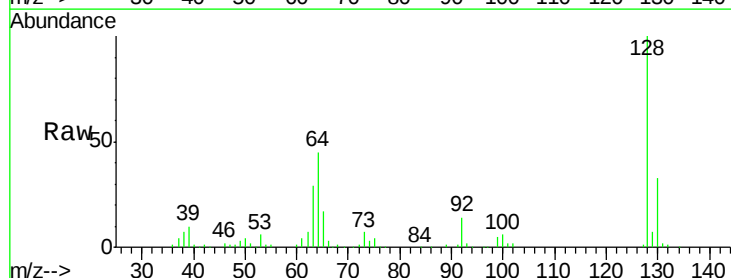
Tgt Ion:128 Resp: 164954

Ion Ratio Lower Upper

128 100

130 32.6 12.2 52.2

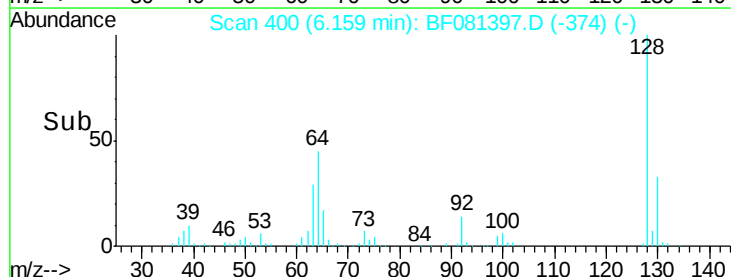
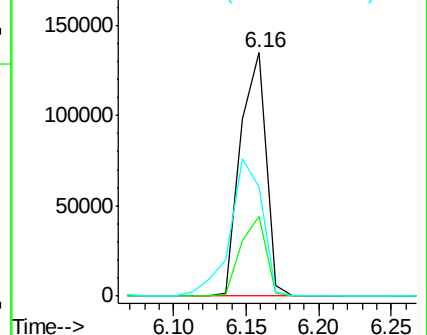
64 44.9 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.14 ng

RT: 5.91 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

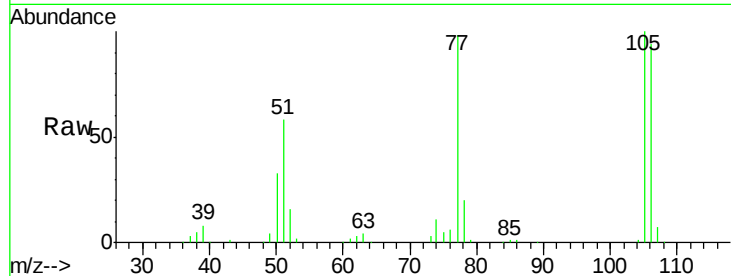
Tot Ion: 77 Resp: 119954

Ion Ratio Lower Upper

77 100

105 101.9 91.6 131.6

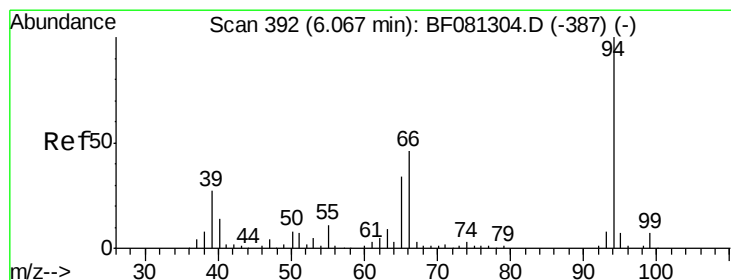
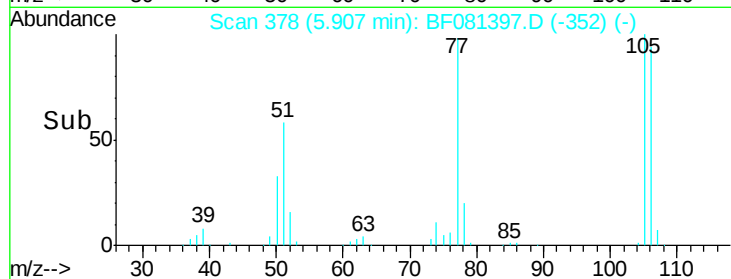
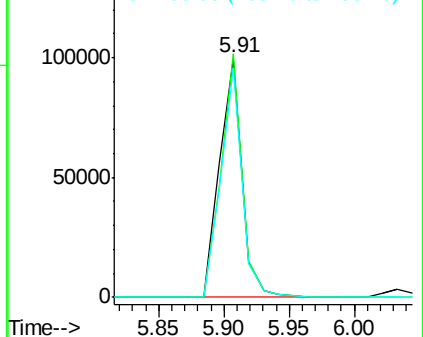
106 96.0 102.6 142.6#



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: 43.35 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

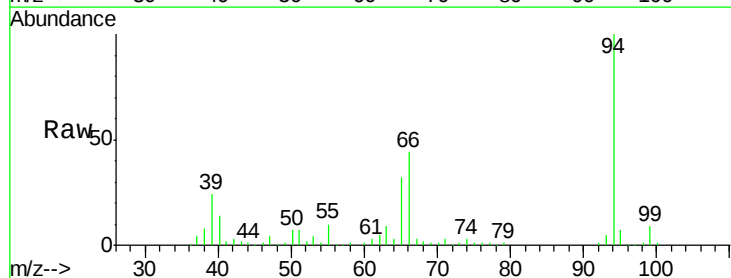
Tgt Ion: 94 Resp: 252324

Ion Ratio Lower Upper

94 100

65 31.5 0.7 40.7

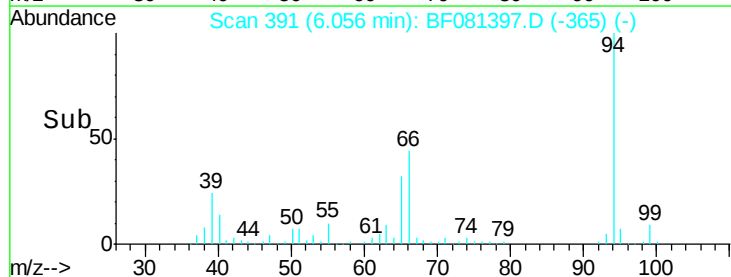
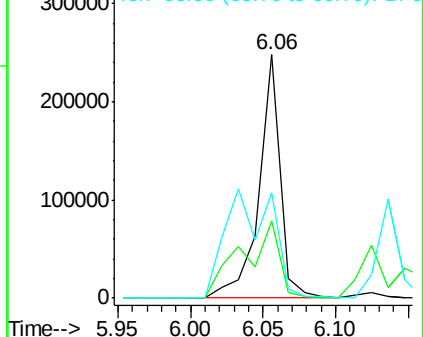
66 43.5 0.8 40.8#

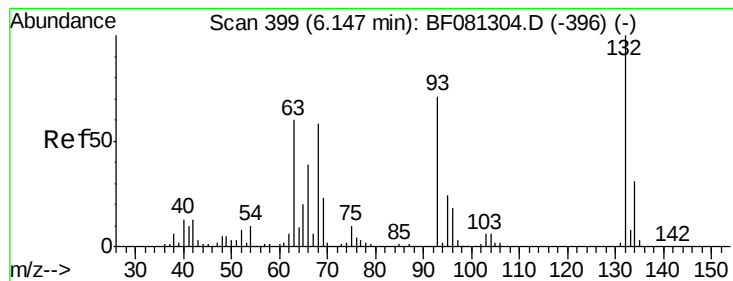


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

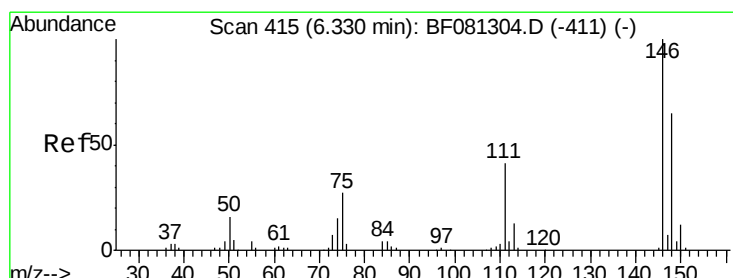
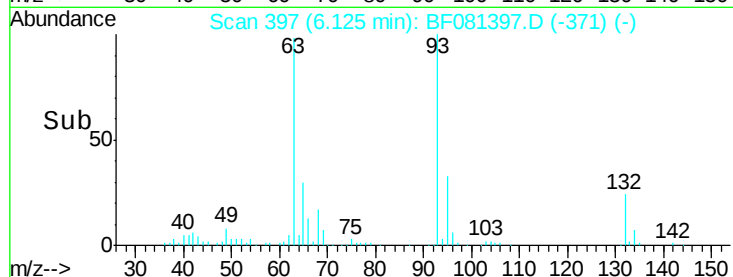
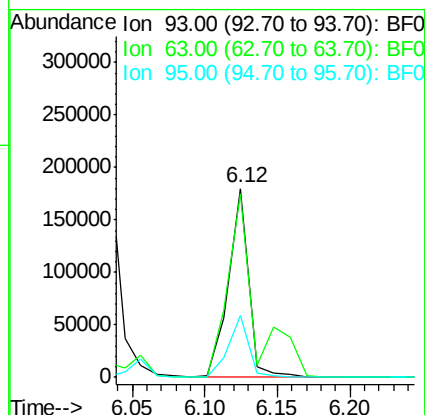
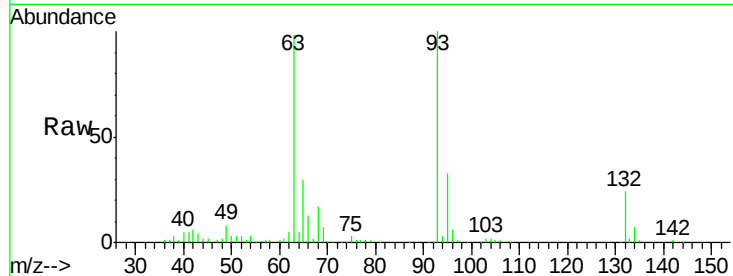




#11
bis(2-Chloroethyl)ether
Concen: 41.61 ng
RT: 6.12 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

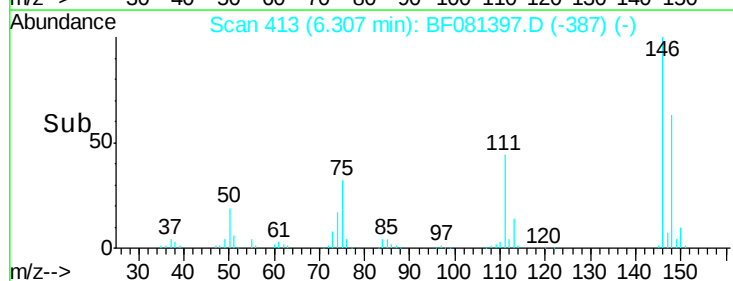
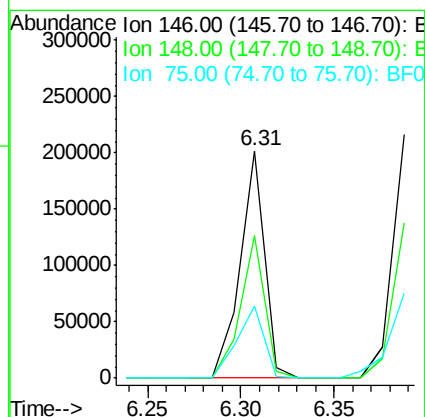
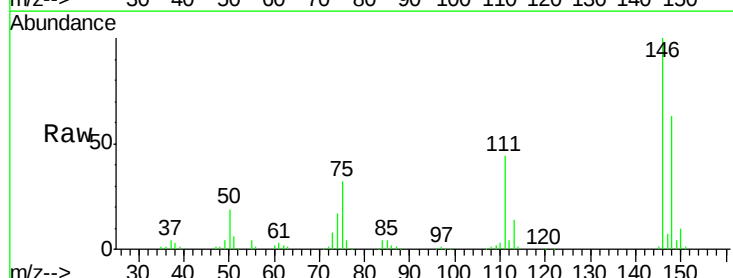
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

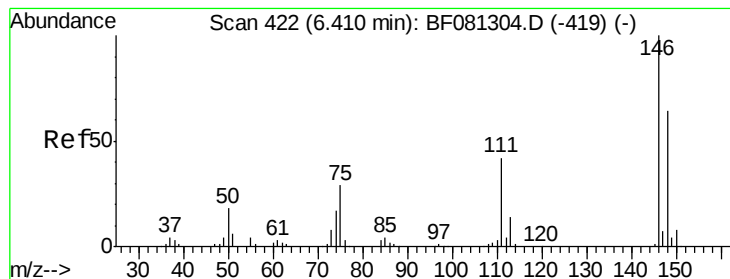
Tot Ion: 93 Resp: 174733
Ion Ratio Lower Upper
93 100
63 97.6 65.6 105.6
95 32.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.44 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Tgt Ion: 146 Resp: 184982
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.4
75 31.5 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 39.87 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

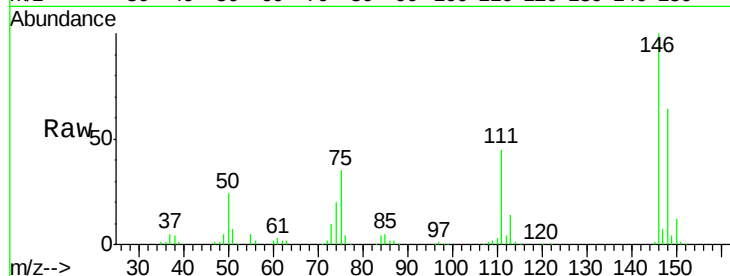
Tot Ion:146 Resp: 181226

Ion Ratio Lower Upper

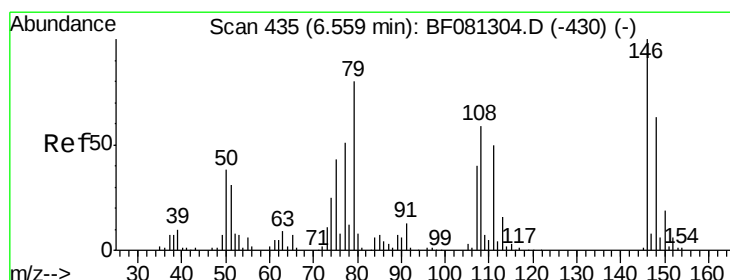
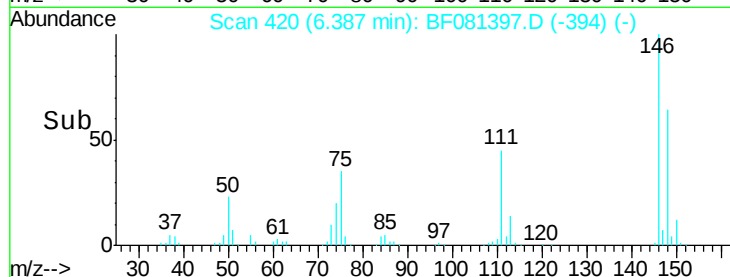
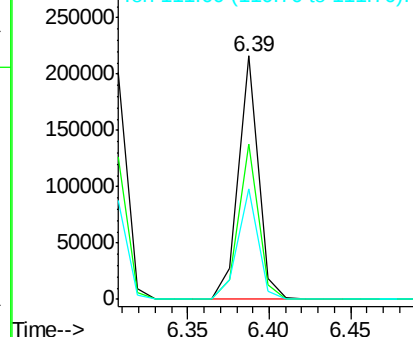
146 100

148 64.0 51.8 77.6

111 45.1 24.9 37.3#



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: 36.75 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

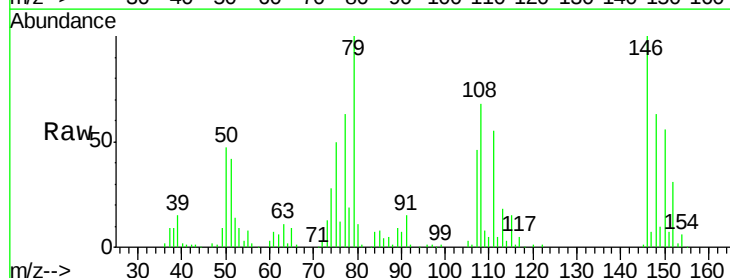
Tgt Ion:146 Resp: 150382

Ion Ratio Lower Upper

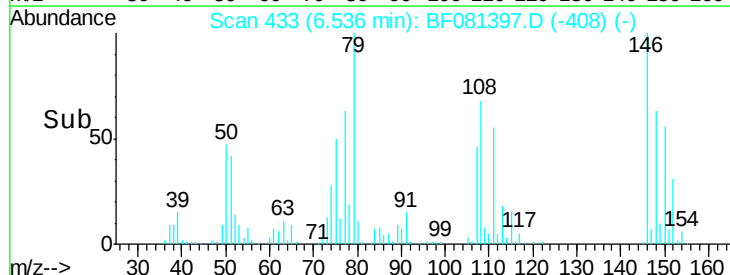
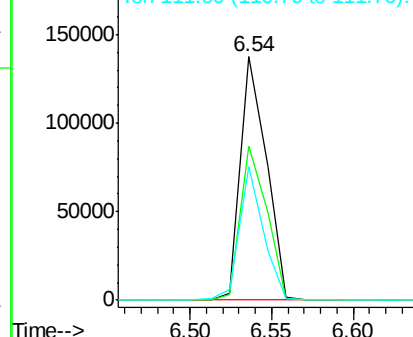
146 100

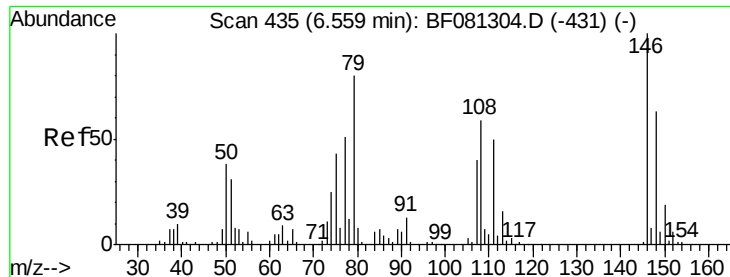
148 63.0 52.7 79.1

111 54.9 28.8 43.2#



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: 37.68 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

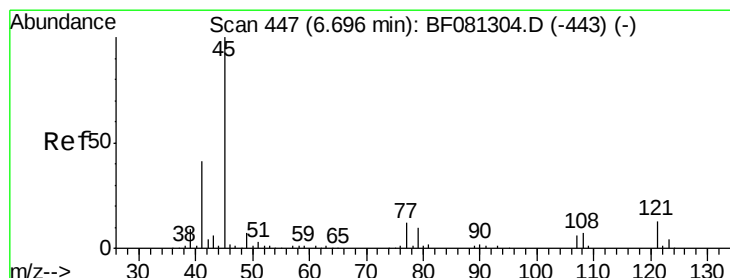
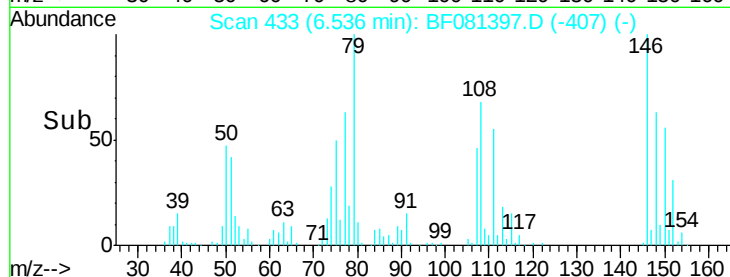
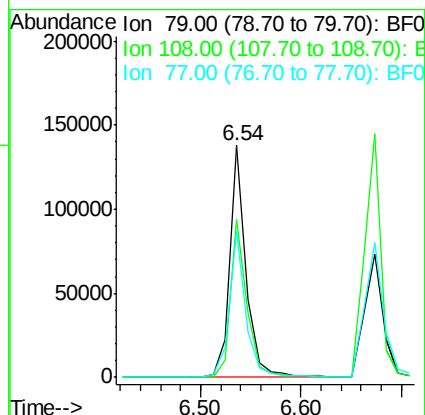
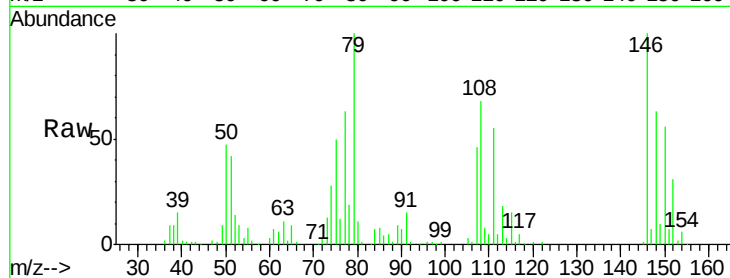
Tot Ion: 79 Resp: 155117

Ion Ratio Lower Upper

79 100

108 68.4 88.6 132.8#

77 62.9 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.51 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

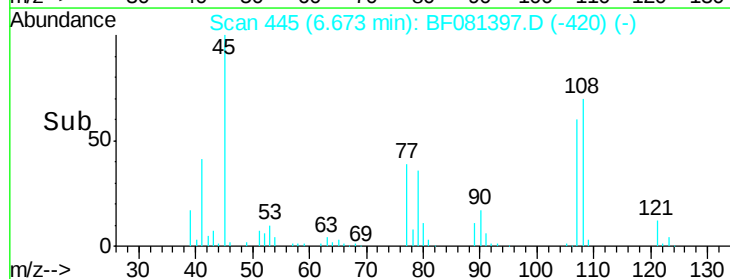
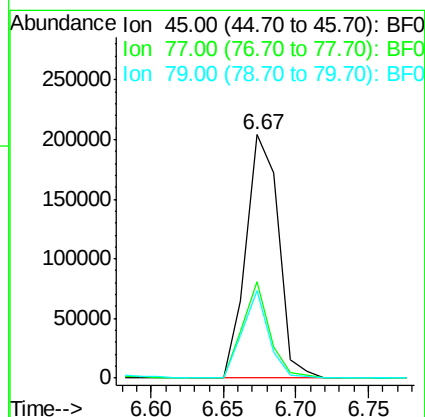
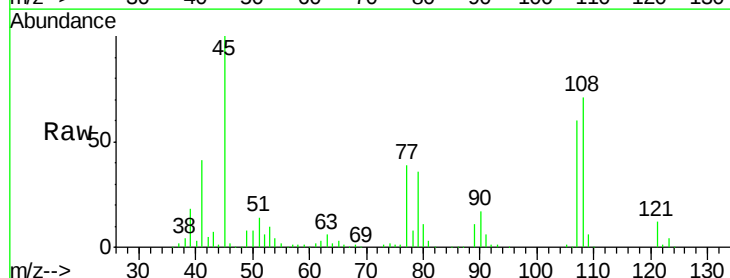
Tgt Ion: 45 Resp: 318018

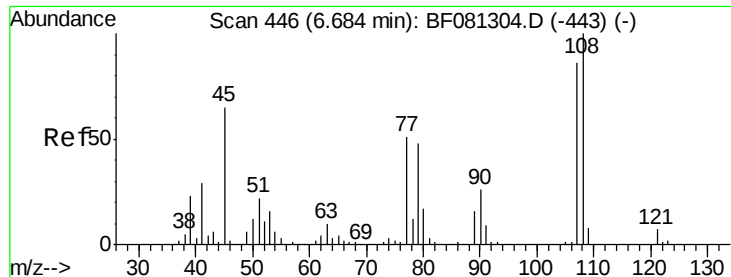
Ion Ratio Lower Upper

45 100

77 39.5 0.0 28.1#

79 35.9 0.0 26.0#





#17

2-Methylphenol

Concen: 41.20 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 137352

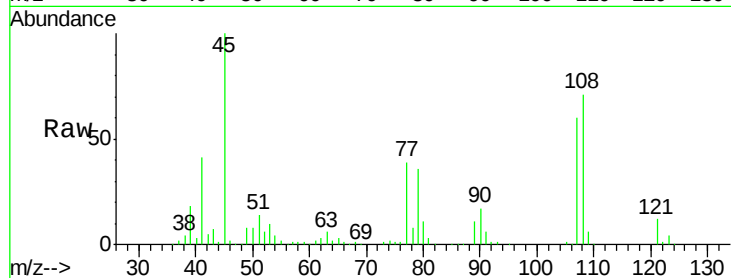
Ion Ratio Lower Upper

107 100

108 118.6 96.6 145.0

77 66.0 23.3 34.9#

79 60.1 22.0 33.0#



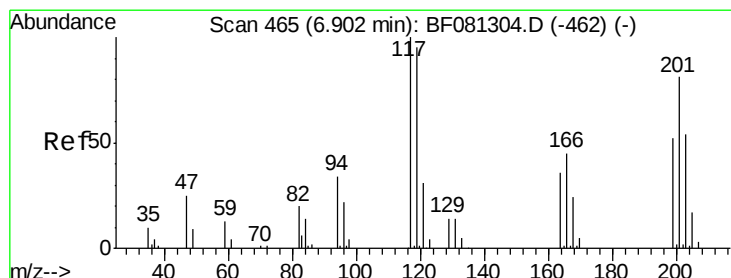
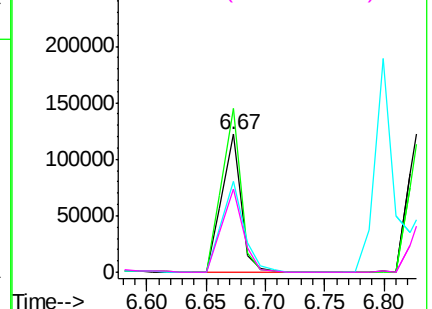
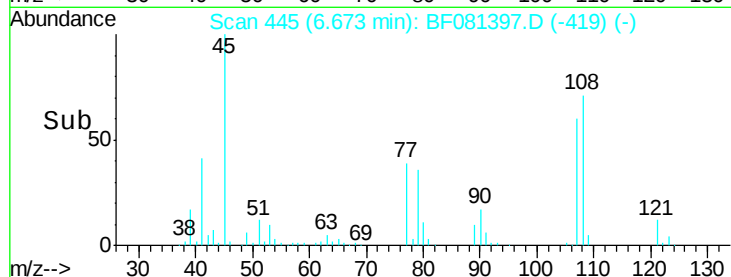
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.36 ng

RT: 6.88 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

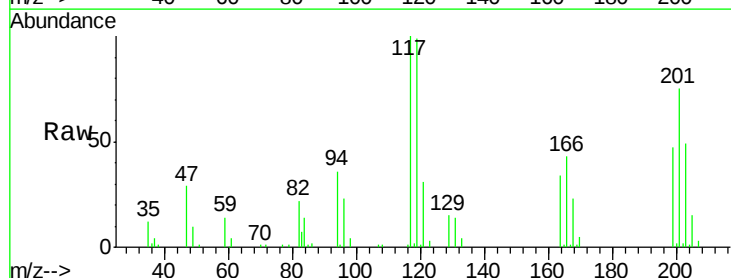
Tgt Ion:117 Resp: 67831

Ion Ratio Lower Upper

117 100

119 99.2 83.8 125.6

201 74.6 55.1 82.7

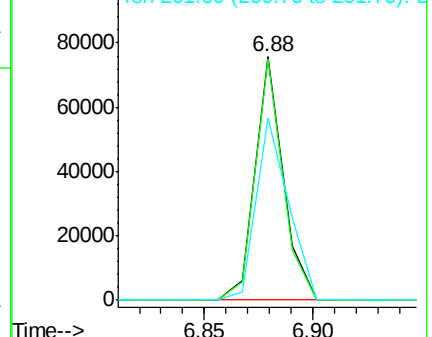
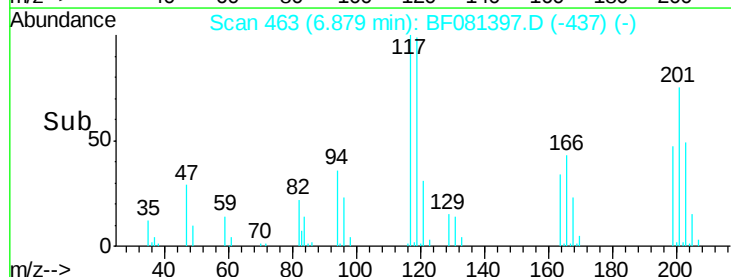


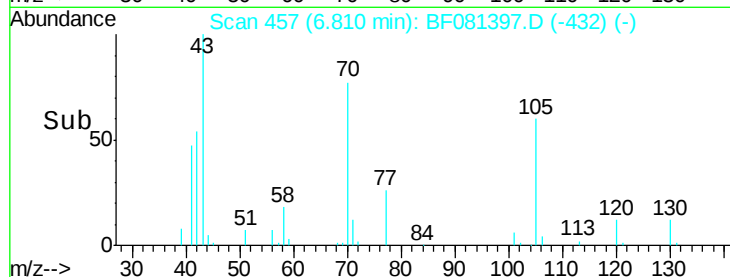
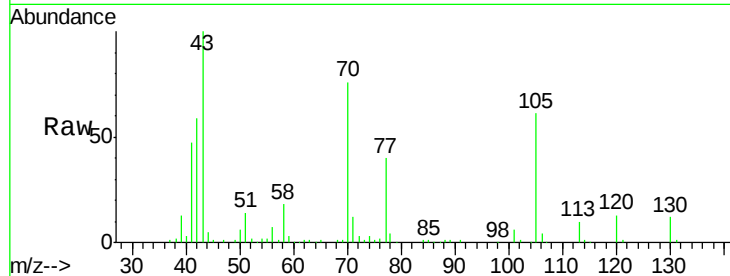
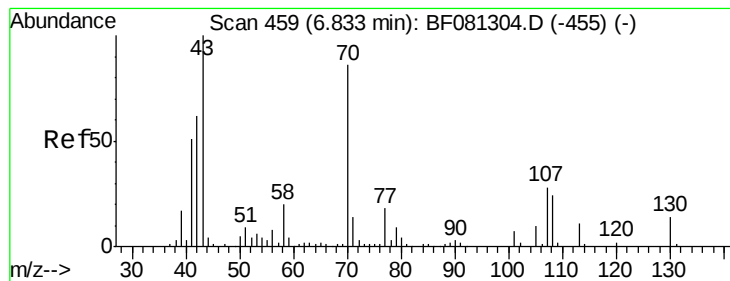
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.81 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 135978

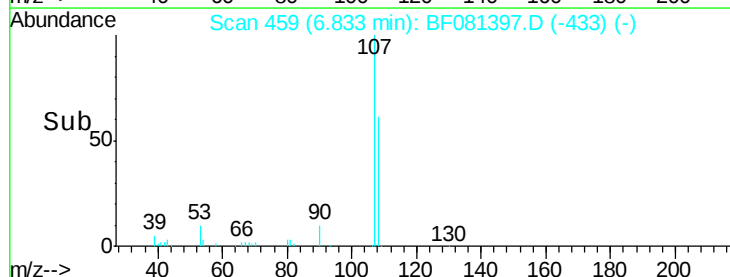
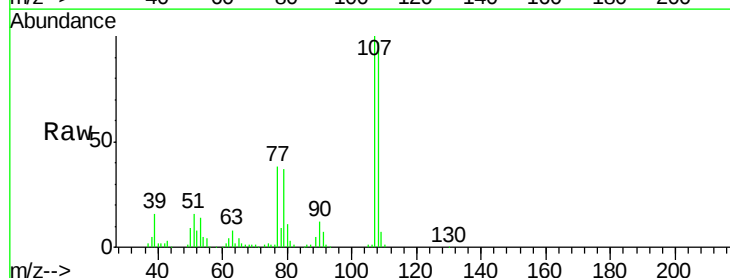
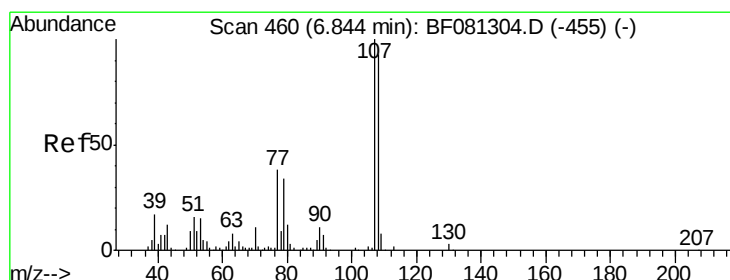
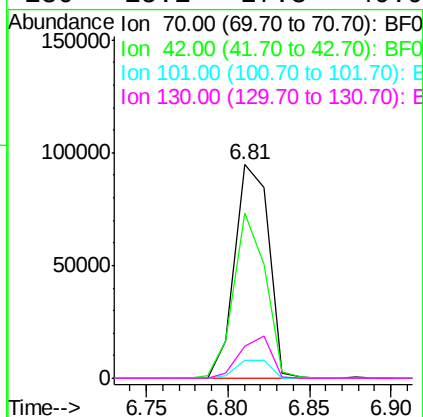
Ion Ratio Lower Upper

70 100

42 77.3 63.8 95.6

101 8.1 9.2 13.8#

130 15.1 27.3 40.9#



#20

3+4-Methylphenols

Concen: 41.65 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Tgt Ion:107 Resp: 187223

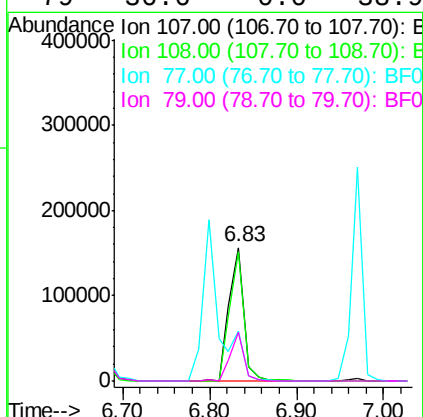
Ion Ratio Lower Upper

107 100

108 96.6 74.6 114.6

77 37.6 0.7 40.7

79 36.6 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 220992

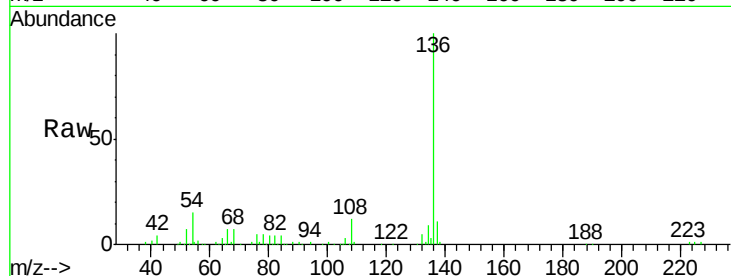
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 14.8 8.2 12.2#

68 6.6 5.8 8.6

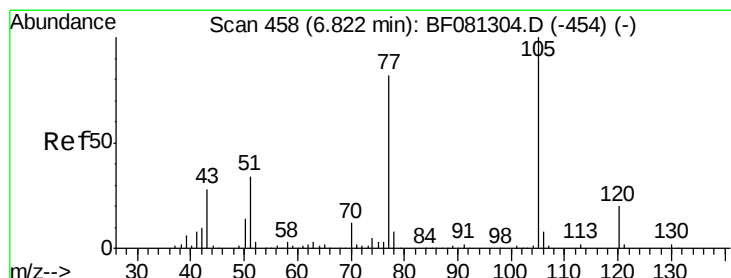
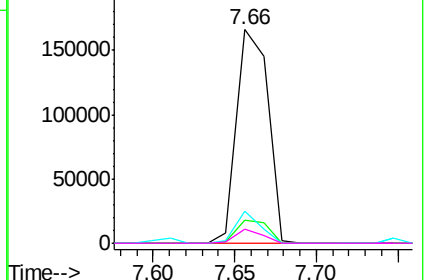
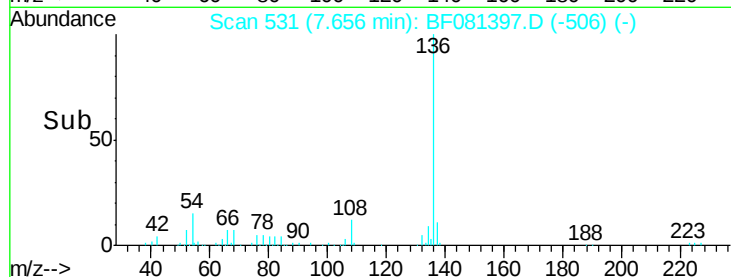


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.13 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Tgt Ion:105 Resp: 236219

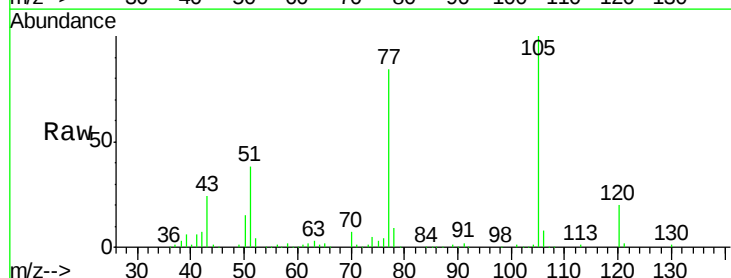
Ion Ratio Lower Upper

105 100

71 1.1 4.7 7.1#

51 37.6 22.0 33.0#

120 19.5 30.1 45.1#

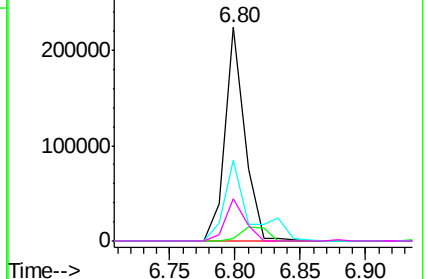
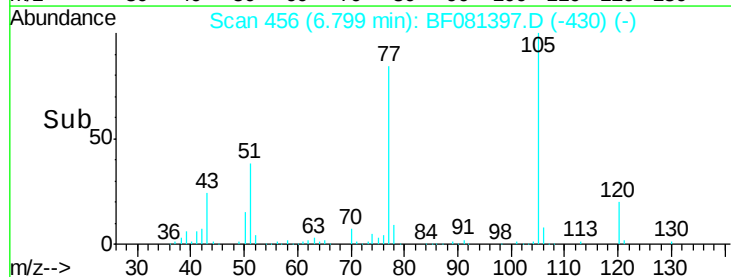


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

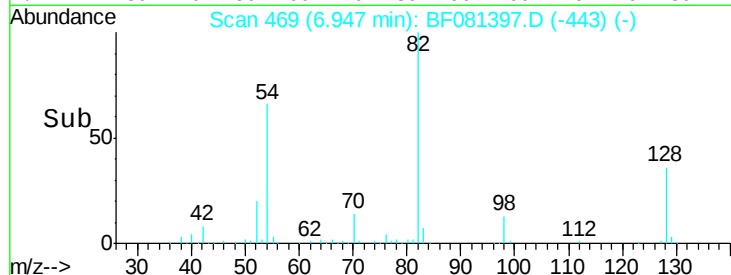
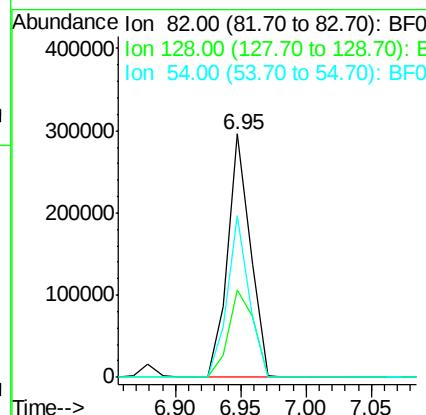
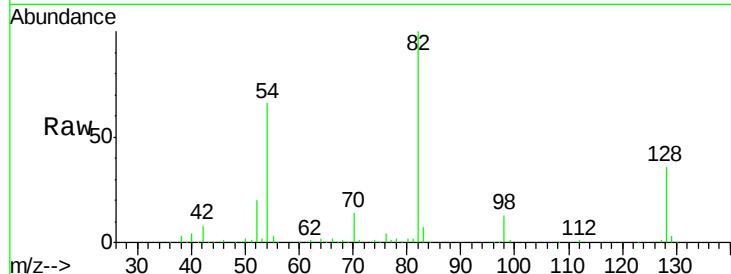




#23
 Nitrobenzene-d5
 Concen: 78.48 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

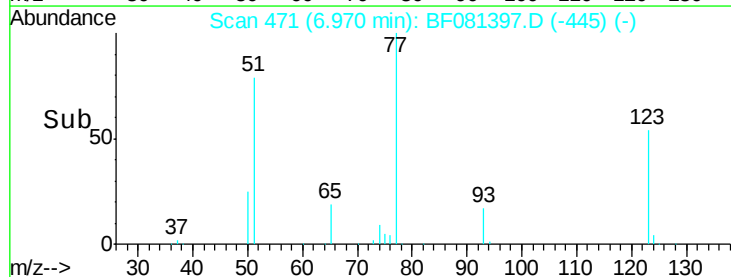
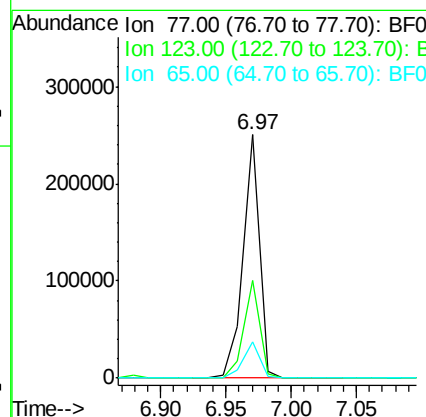
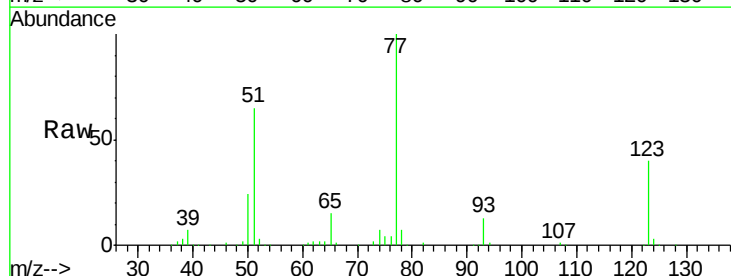
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

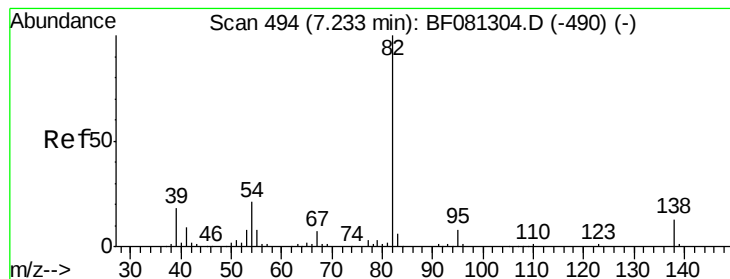
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.1	51.0	76.6#
54	66.3	47.5	71.3



#24
 Nitrobenzene
 Concen: 45.73 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.1	59.8	89.8#
65	15.1	10.2	15.4





#25

Isophorone

Concen: 41.10 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

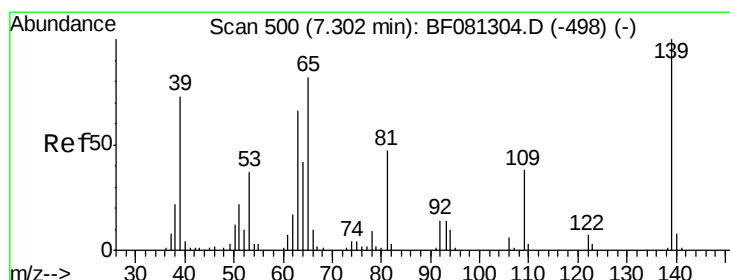
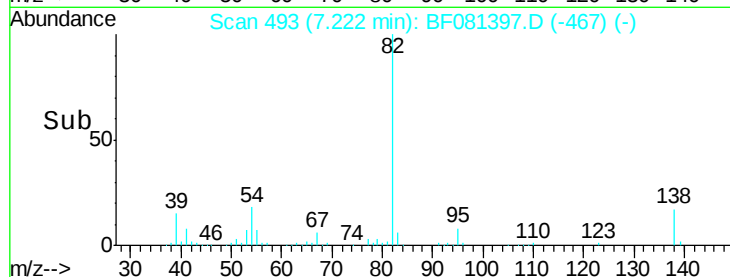
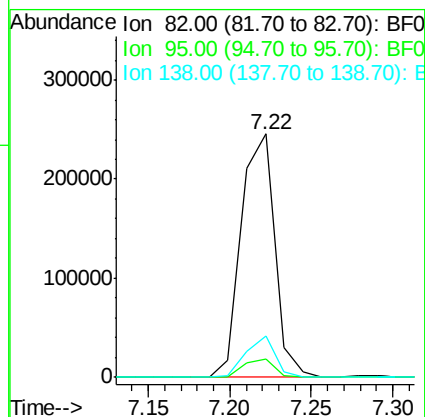
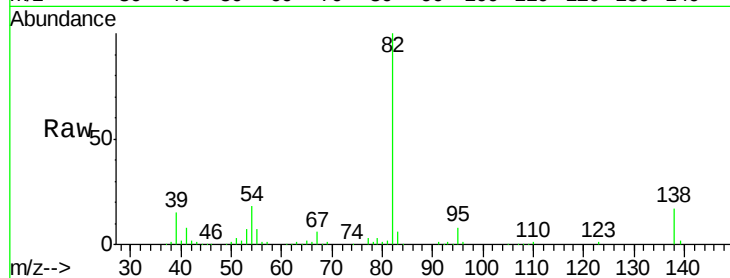
Tot Ion: 82 Resp: 350183

Ion Ratio Lower Upper

82 100

95 7.7 4.0 6.0#

138 17.0 18.3 27.5#



#26

2-Nitrophenol

Concen: 44.20 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

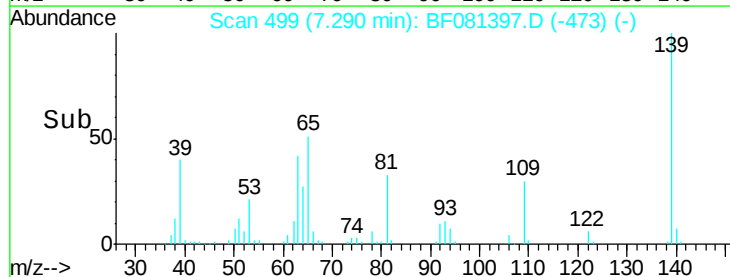
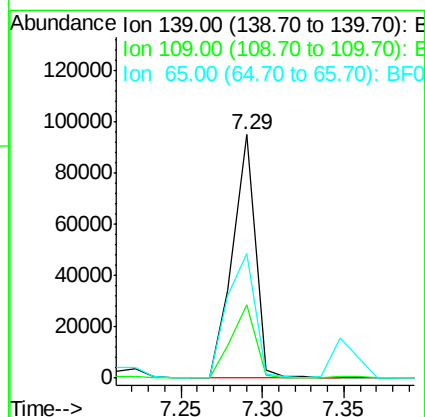
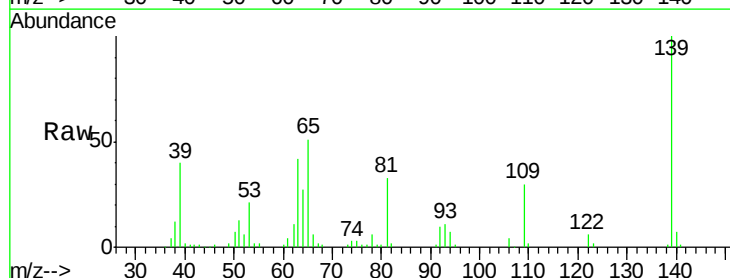
Tgt Ion: 139 Resp: 91645

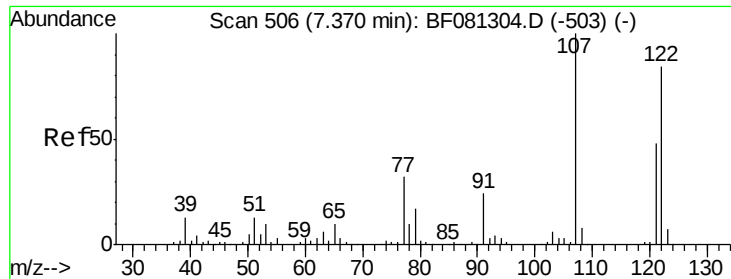
Ion Ratio Lower Upper

139 100

109 30.2 11.0 16.4#

65 51.0 24.7 37.1#

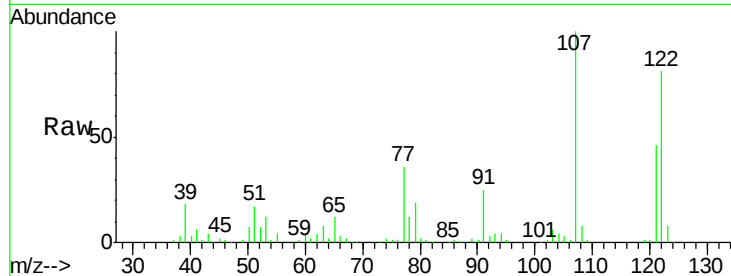




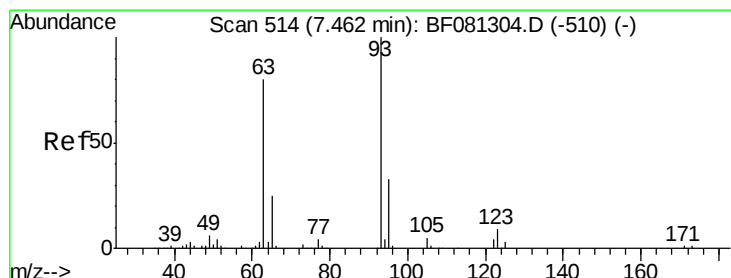
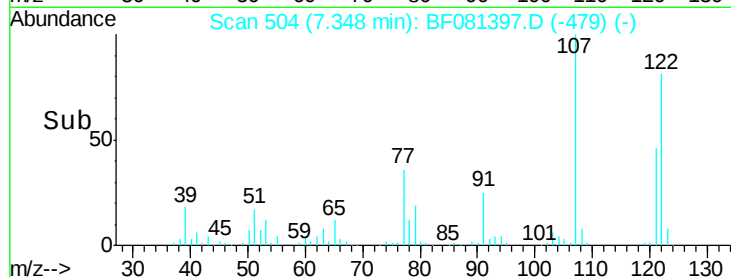
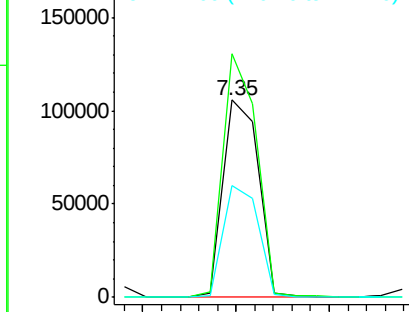
#27
 2,4-Dimethylphenol
 Concen: 39.44 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 141213
 Ion Ratio Lower Upper
 122 100
 107 123.4 71.8 107.6#
 121 56.7 42.3 63.5

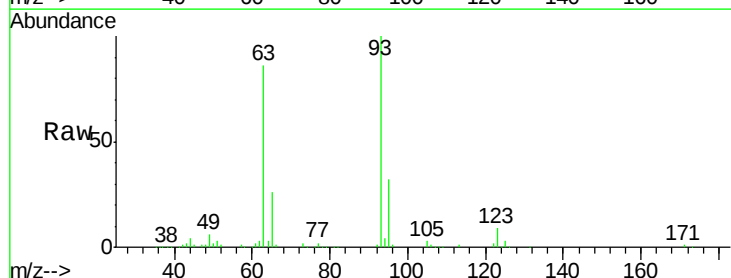


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

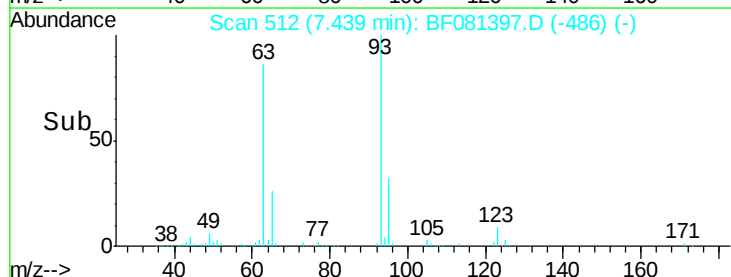
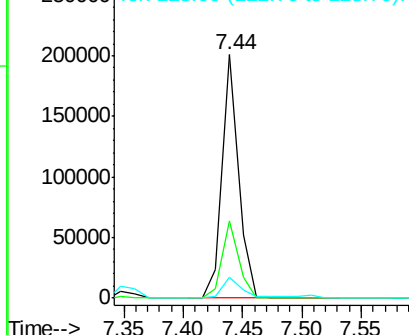


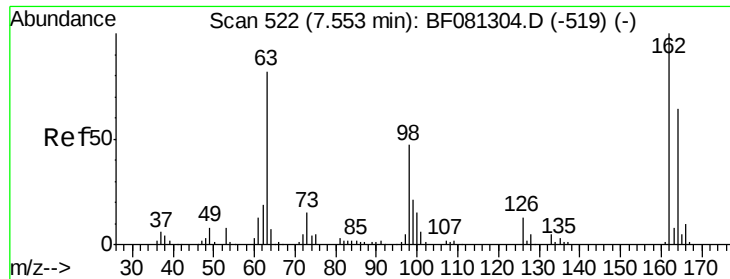
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.81 ng
 RT: 7.44 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Tgt Ion: 93 Resp: 191004
 Ion Ratio Lower Upper
 93 100
 95 31.6 27.5 41.3
 123 8.8 13.7 20.5#



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

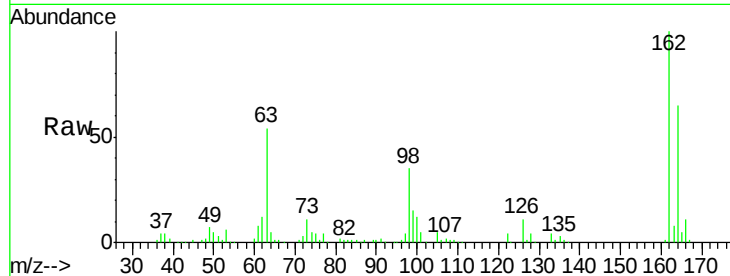




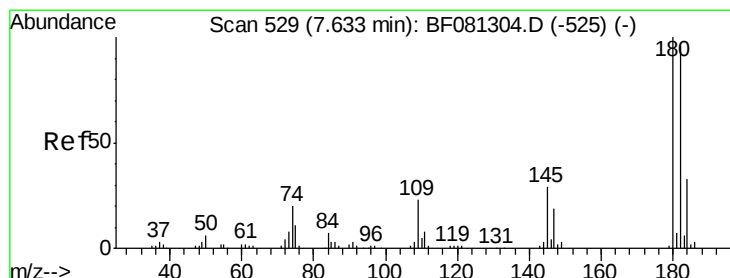
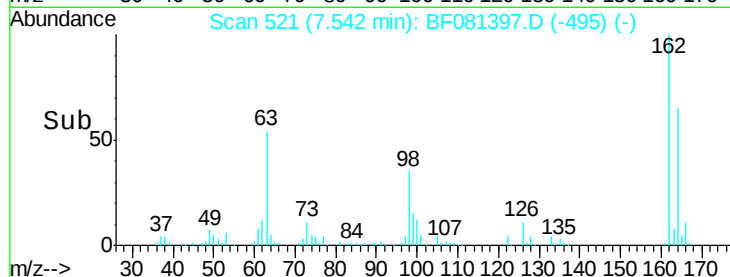
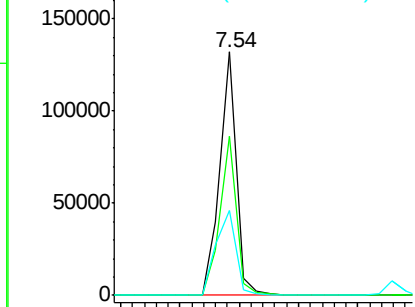
#29
 2,4-Dichlorophenol
 Concen: 40.90 ng
 RT: 7.54 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.9	84.9
98	34.7	13.0	53.0

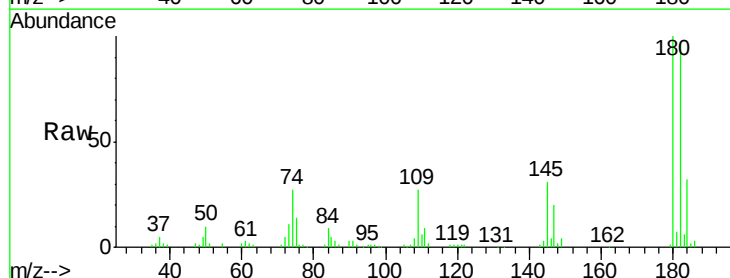


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

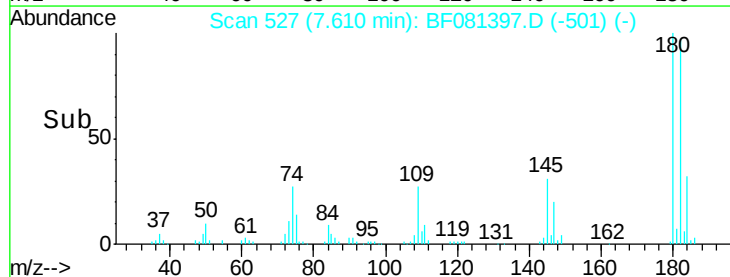
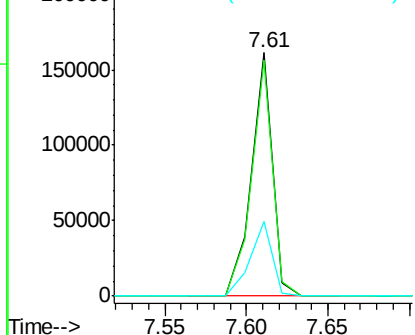


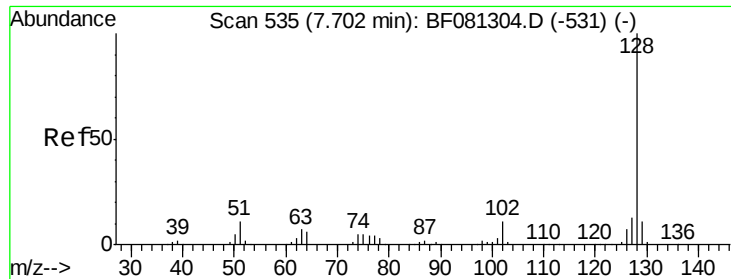
#30
 1,2,4-Trichlorobenzene
 Concen: 42.83 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.1	115.7
145	30.8	23.3	34.9



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

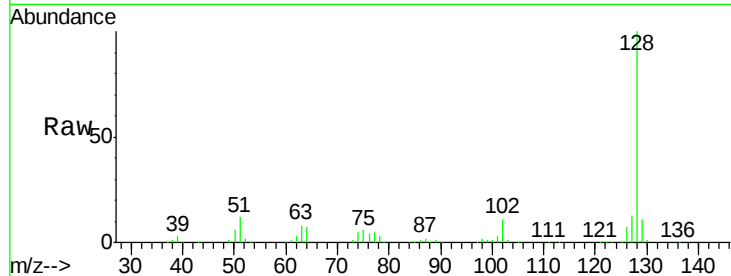




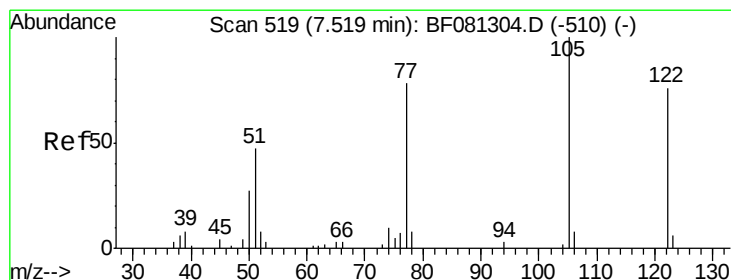
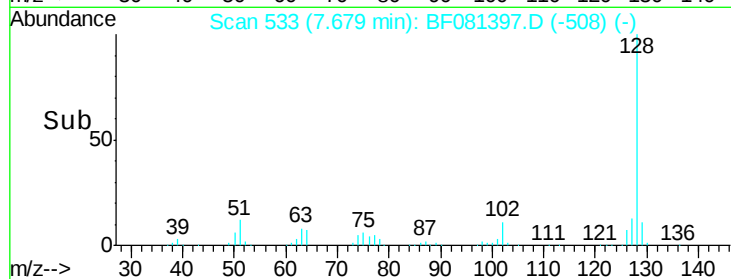
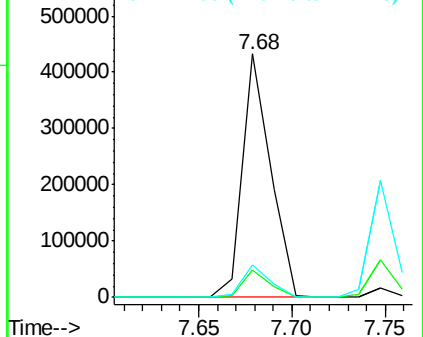
#31
Naphthalene
Concen: 38.40 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 452545
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.3 9.9 14.9

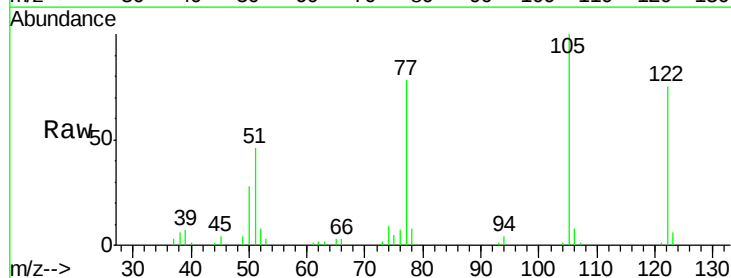


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

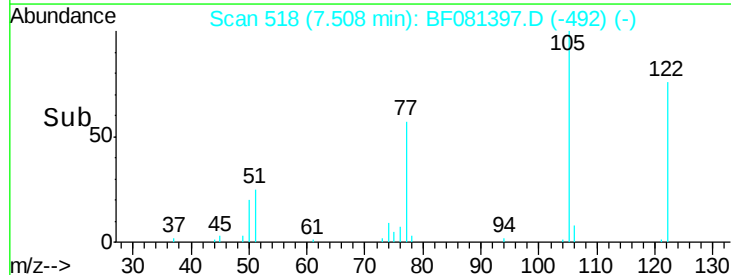
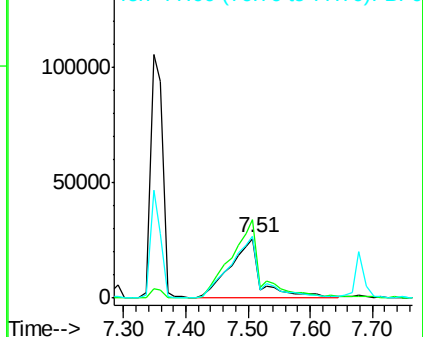


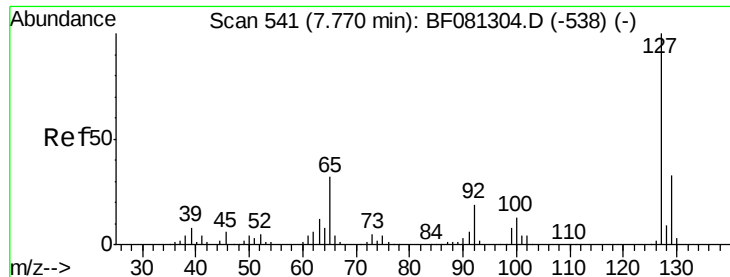
#32
Benzoic acid
Concen: 36.33 ng
RT: 7.51 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Tgt Ion:122 Resp: 91222
Ion Ratio Lower Upper
122 100
105 133.1 76.1 116.1#
77 103.4 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

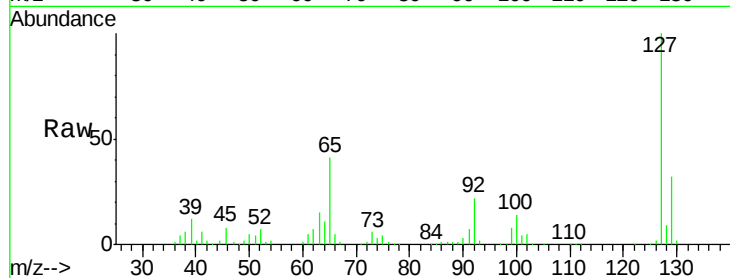




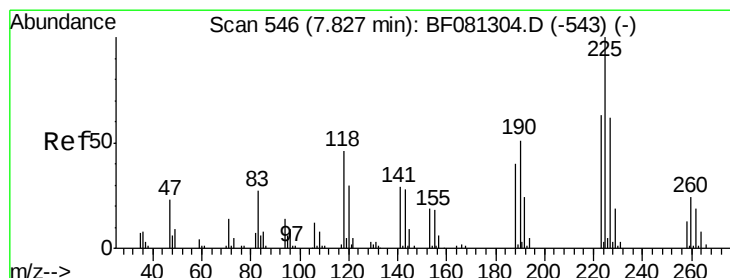
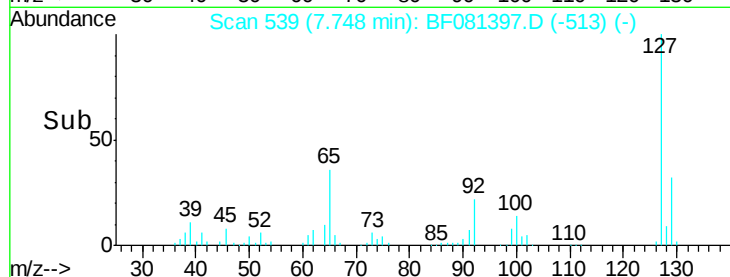
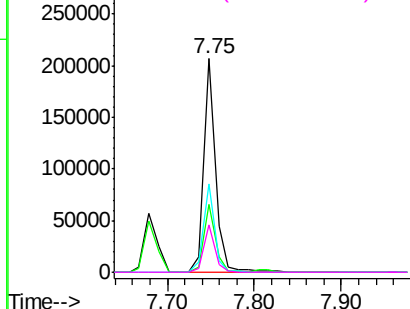
#33
4-Chloroaniline
Concen: 39.98 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	192175
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	41.4	17.9	26.9#
92	22.4	10.5	15.7#

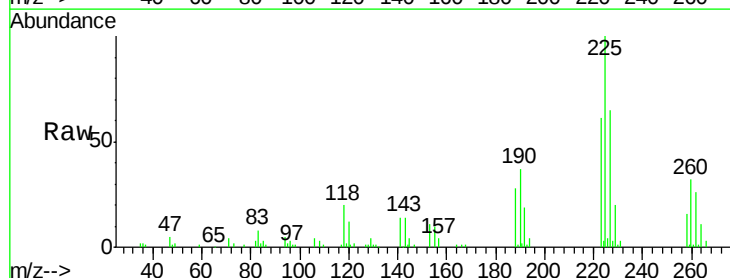


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

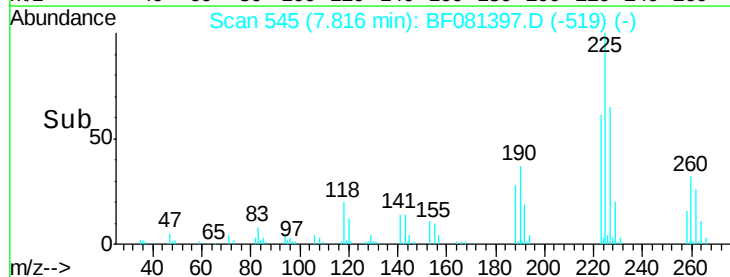
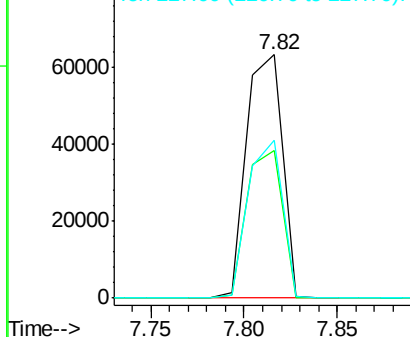


#34
Hexachlorobutadiene
Concen: 41.32 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Tgt Ion:	225	Resp:	84817
Ion	Ratio	Lower	Upper
225	100		
223	60.6	50.2	75.2
227	64.8	52.2	78.2



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

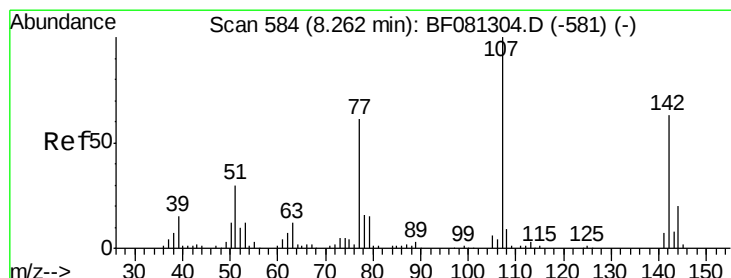
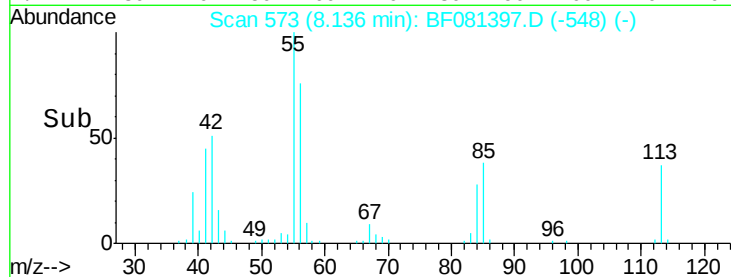
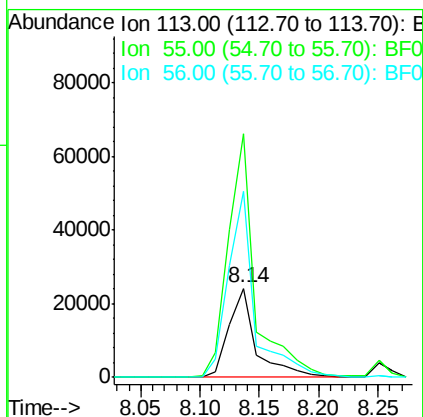
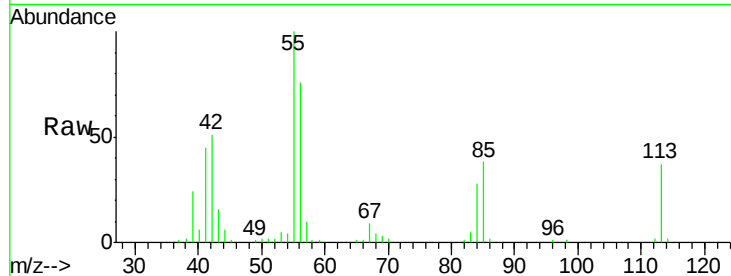




#35
 Caprolactam
 Concen: 40.23 ng
 RT: 8.14 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

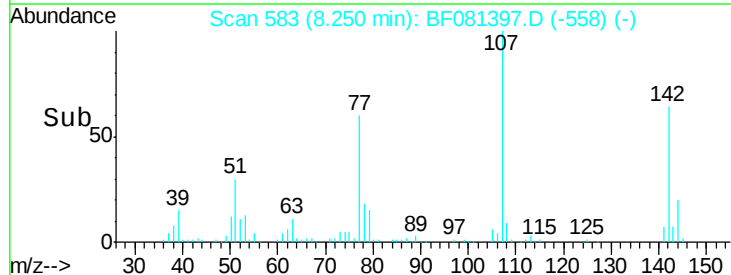
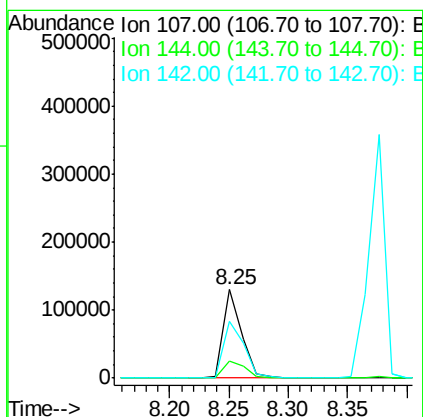
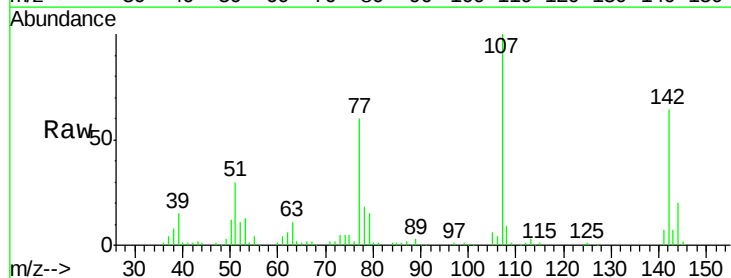
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

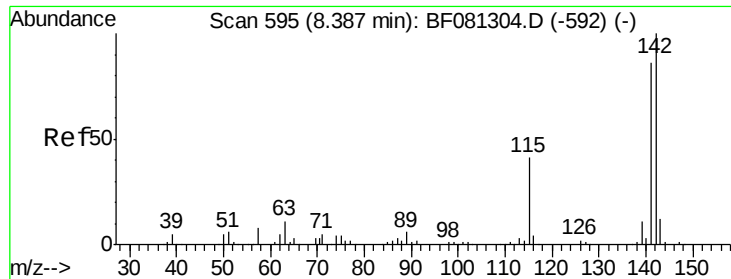
Tot Ion:113 Resp: 38315
 Ion Ratio Lower Upper
 113 100
 55 273.6 152.4 192.4#
 56 208.8 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 39.44 ng
 RT: 8.25 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Tgt Ion:107 Resp: 137090
 Ion Ratio Lower Upper
 107 100
 144 19.9 25.4 38.0#
 142 63.9 77.3 115.9#

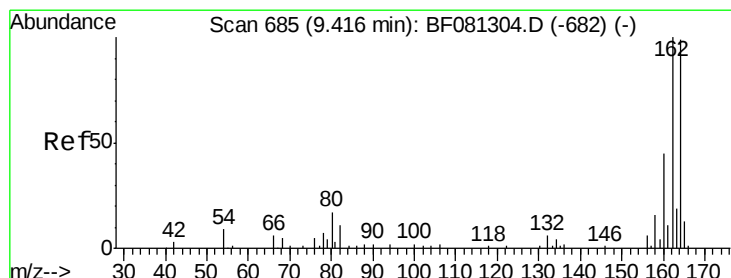
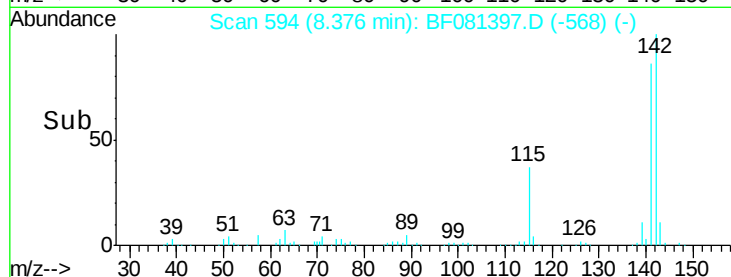
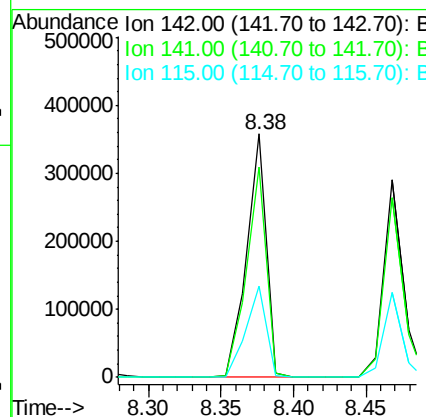
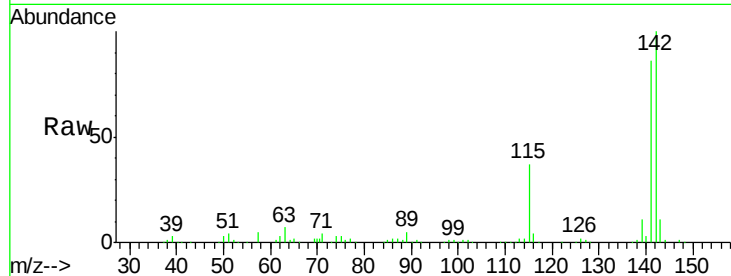




#37
 2-Methylnaphthalene
 Concen: 43.93 ng
 RT: 8.38 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

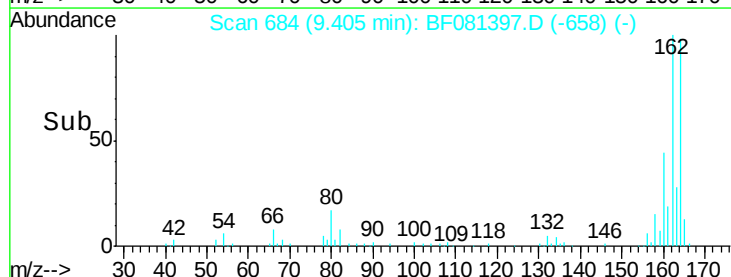
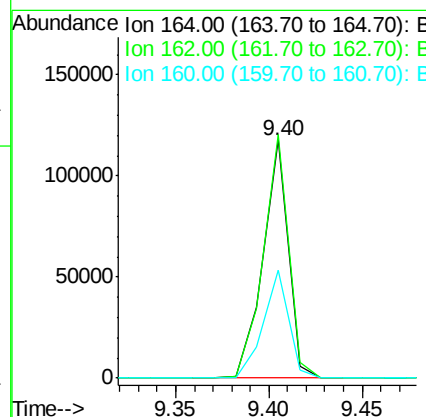
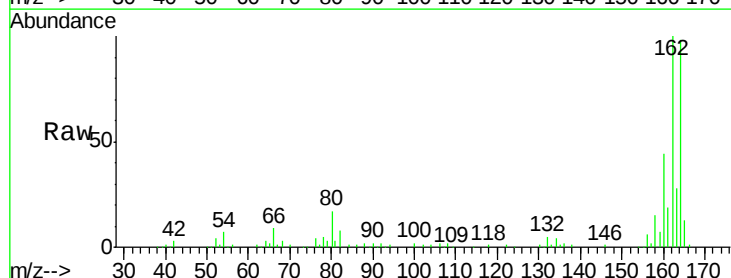
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

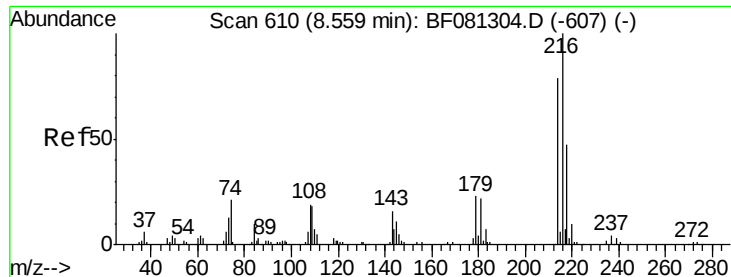
Tot Ion:142 Resp: 336898
 Ion Ratio Lower Upper
 142 100
 141 86.2 67.5 101.3
 115 37.3 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Tgt Ion:164 Resp: 109209
 Ion Ratio Lower Upper
 164 100
 162 102.3 75.2 112.8
 160 45.3 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.98 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 120814

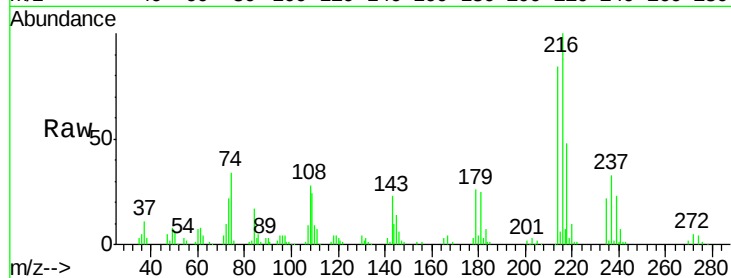
Ion Ratio Lower Upper

216 100

214 81.8 63.5 95.3

179 22.2 16.6 24.8

108 21.4 16.3 24.5

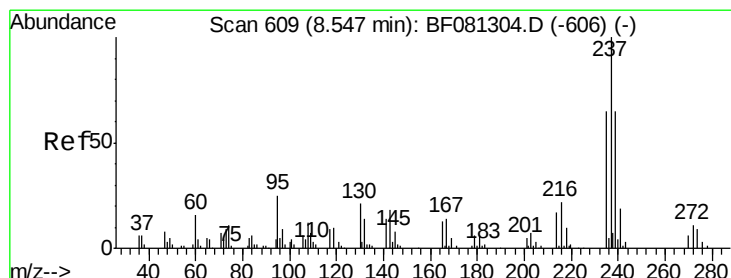
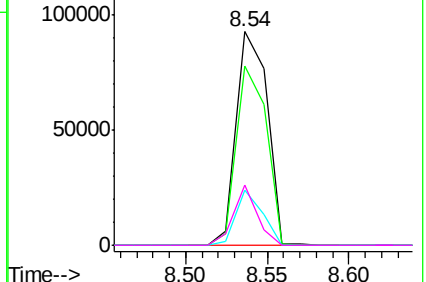
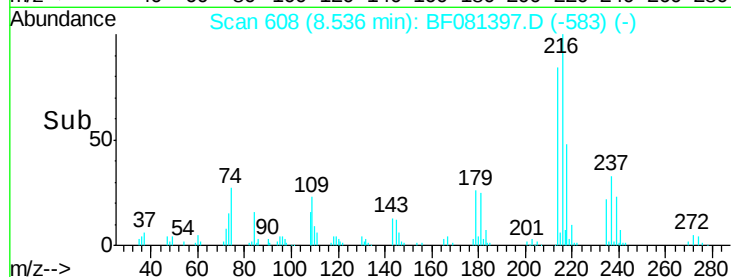


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 32.29 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

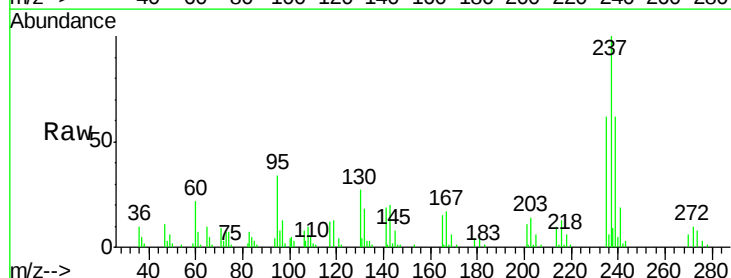
Tgt Ion:237 Resp: 54724

Ion Ratio Lower Upper

237 100

235 62.3 42.0 82.0

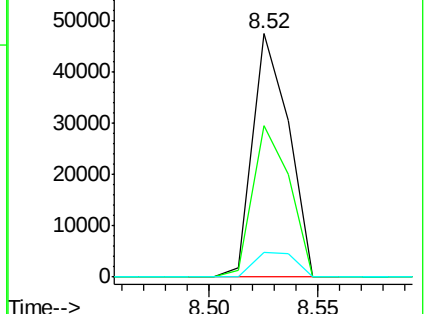
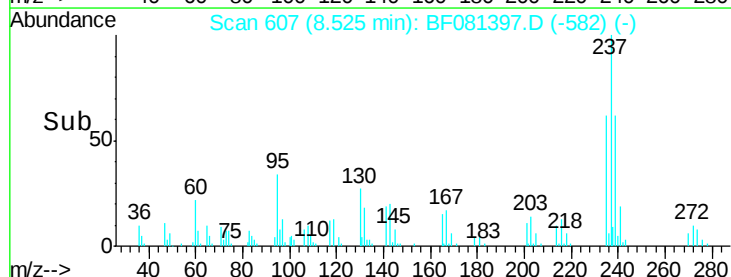
272 10.2 0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

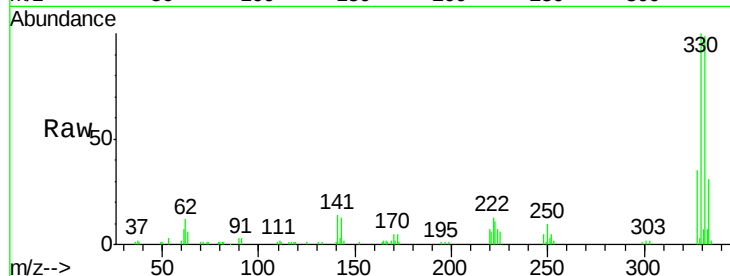




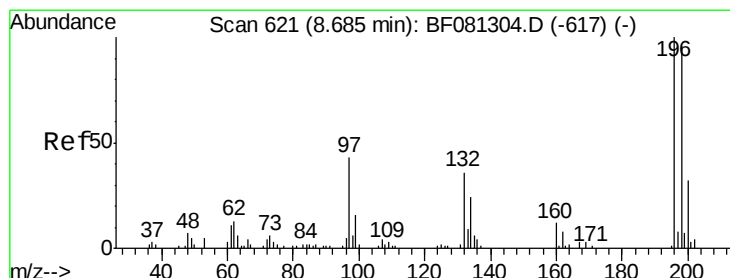
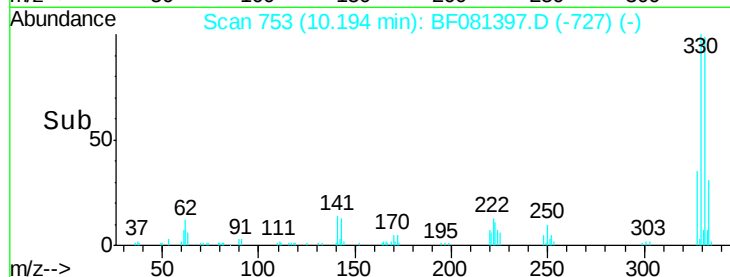
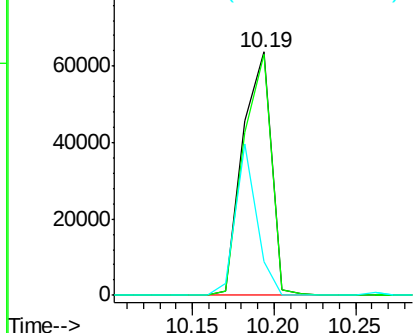
#41
 2,4,6-Tribromophenol
 Concen: 79.35 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 77159
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 45.8 29.7 44.5#

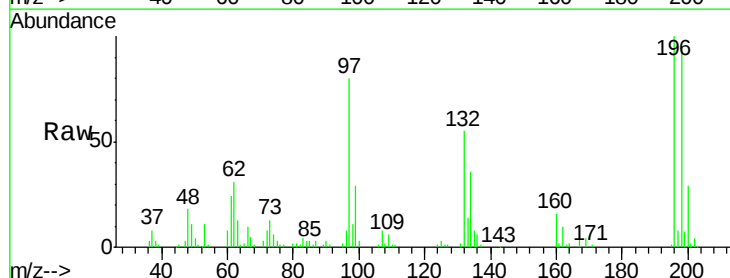


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

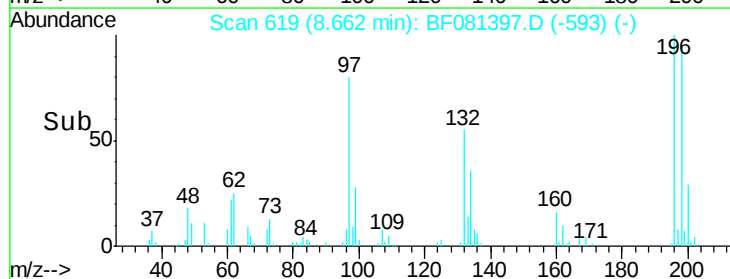
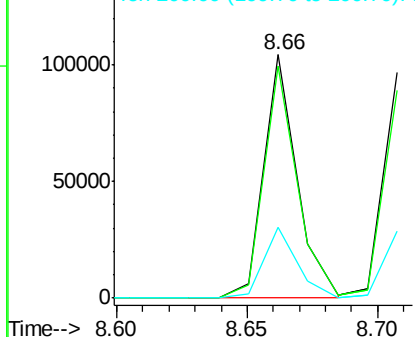


#42
 2,4,6-Trichlorophenol
 Concen: 38.83 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Tgt Ion:196 Resp: 92565
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 200 28.9 23.9 35.9



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

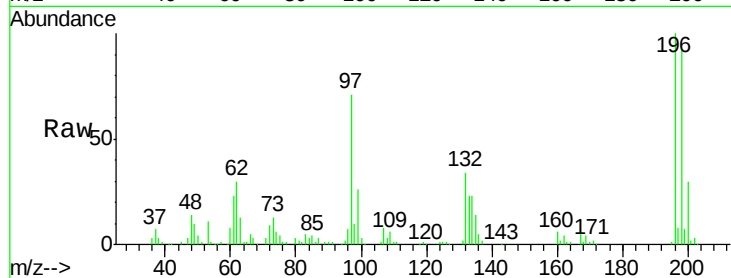




#43
 2,4,5-Trichlorophenol
 Concen: 39.50 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.3	75.4	113.0
97	71.4	33.3	49.9
132	34.4	24.6	37.0



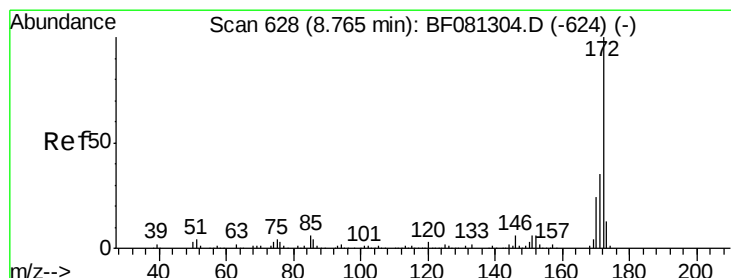
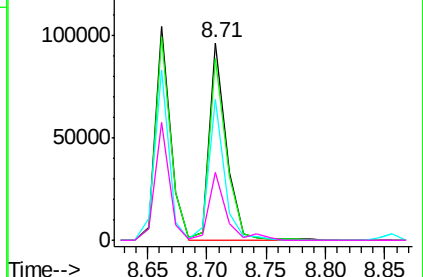
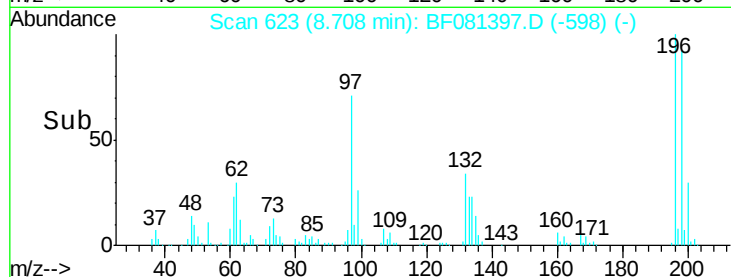
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

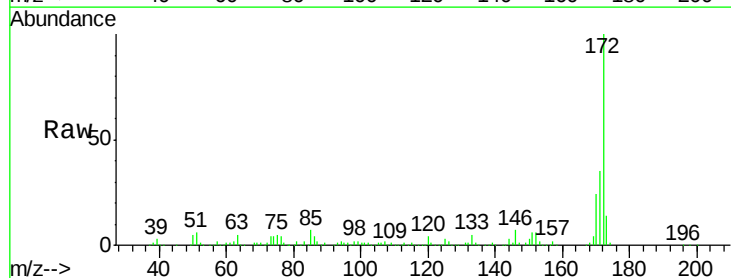
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 69.16 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.1	39.1
170	24.1	17.4	26.2

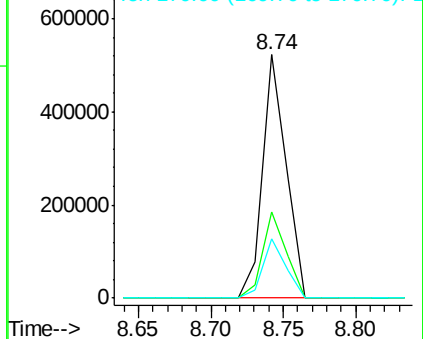
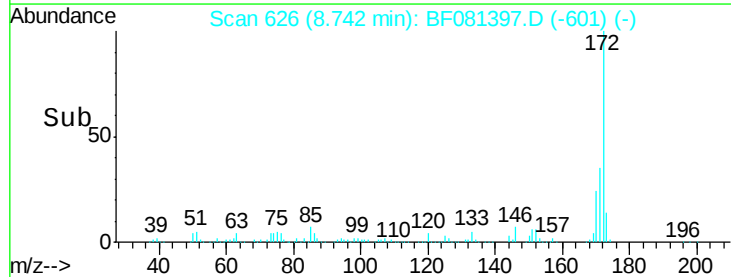


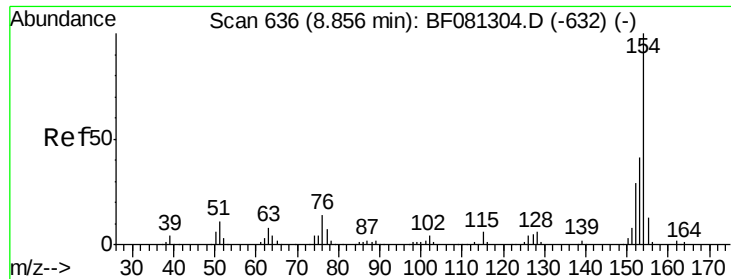
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

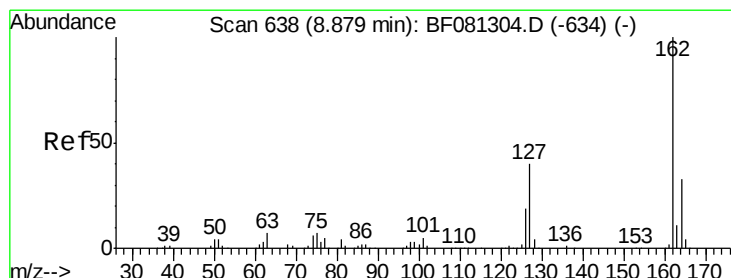
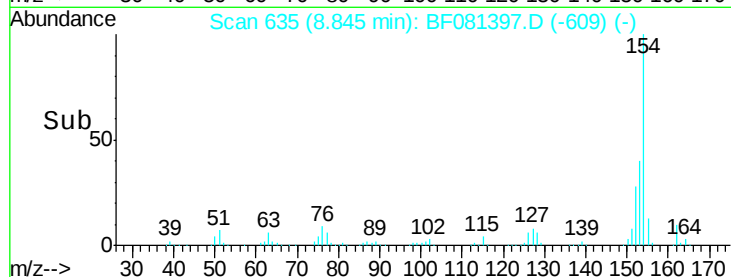
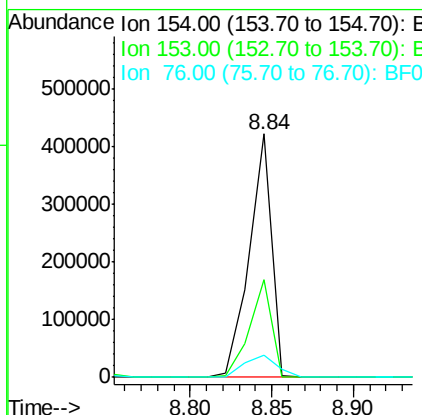
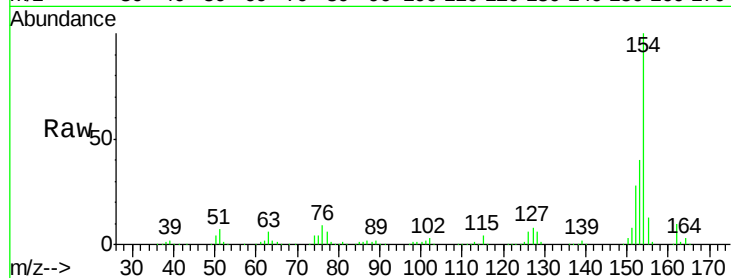




#45
 1,1'-Biphenyl
 Concen: 39.86 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

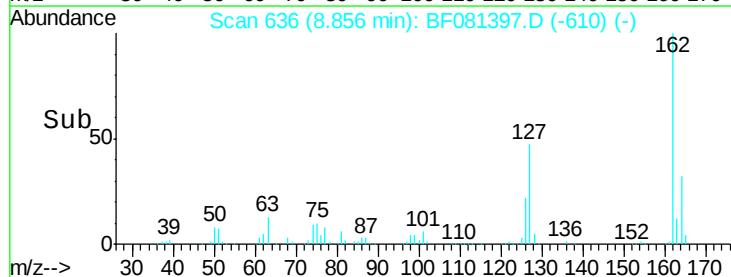
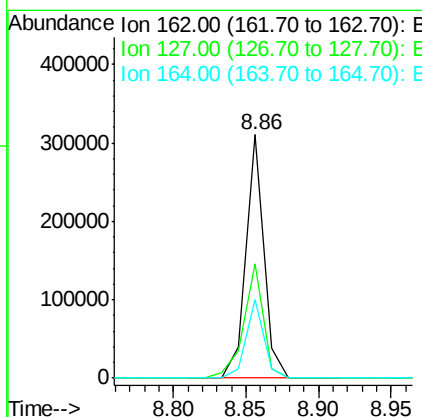
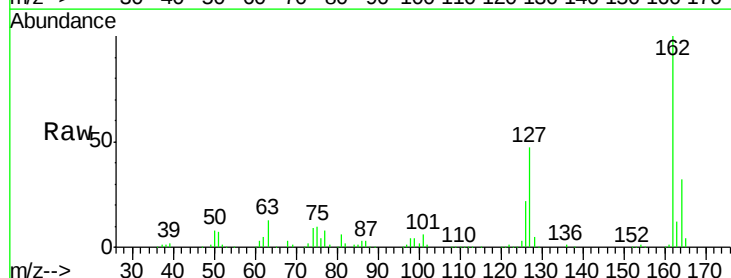
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 400509
 Ion Ratio Lower Upper
 154 100
 153 40.4 17.1 57.1
 76 9.2 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 36.93 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Tgt Ion:162 Resp: 267923
 Ion Ratio Lower Upper
 162 100
 127 47.1 27.6 41.4#
 164 32.4 25.4 38.2

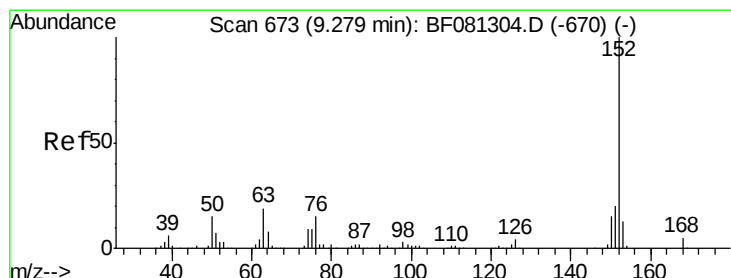
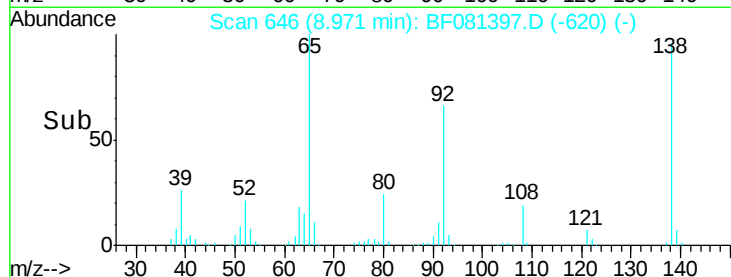
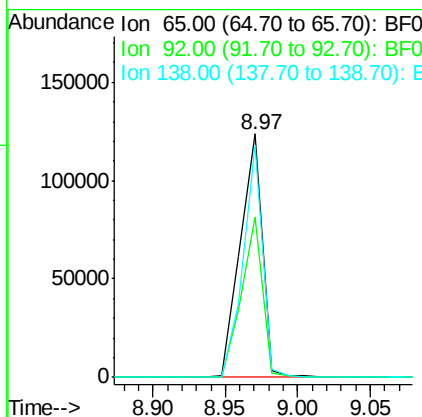
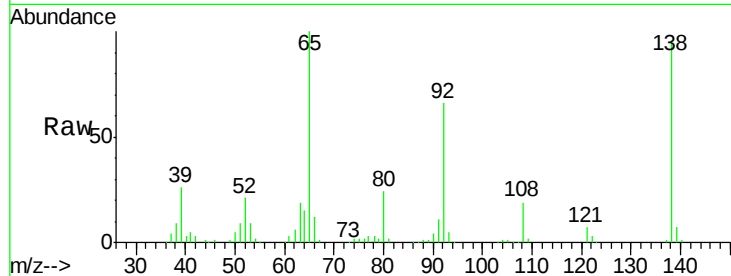




#47
2-Nitroaniline
Concen: 44.35 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

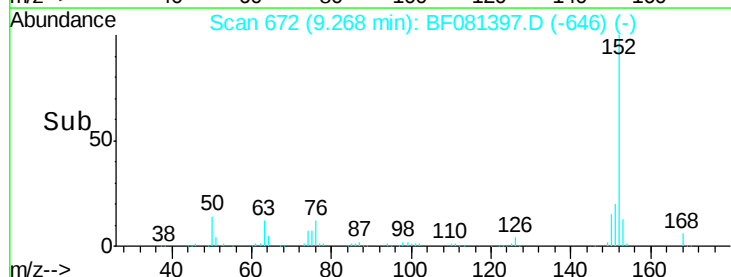
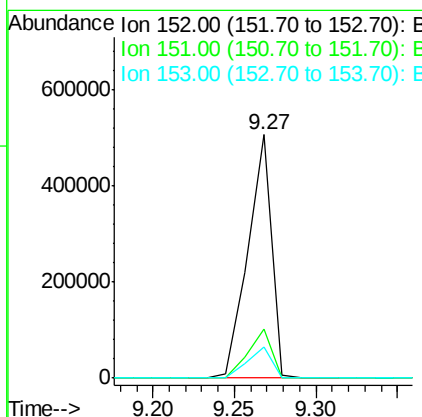
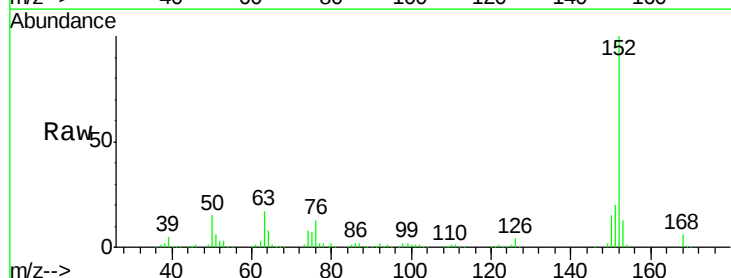
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 65 Resp: 131145
Ion Ratio Lower Upper
65 100
92 65.7 55.4 83.0
138 95.6 115.5 173.3#



#48
Acenaphthylene
Concen: 39.52 ng
RT: 9.27 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Tgt Ion: 152 Resp: 508731
Ion Ratio Lower Upper
152 100
151 20.0 14.6 22.0
153 12.9 10.3 15.5

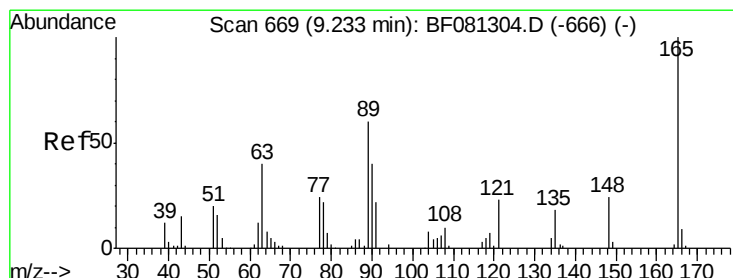
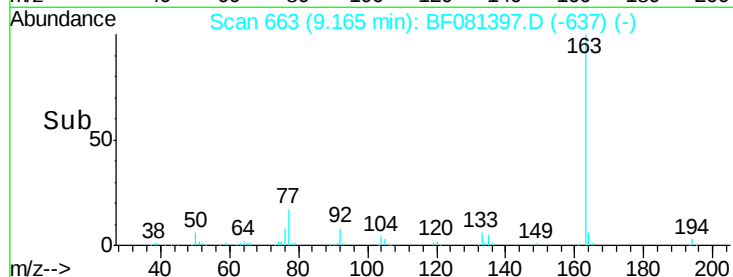
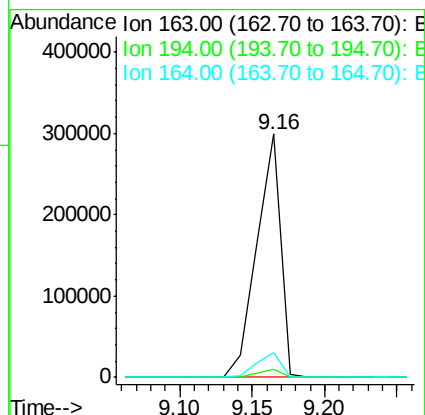
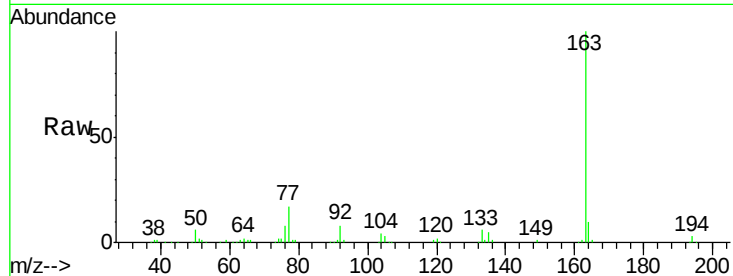




#49
Dimethylphthalate
Concen: 40.17 ng
RT: 9.16 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

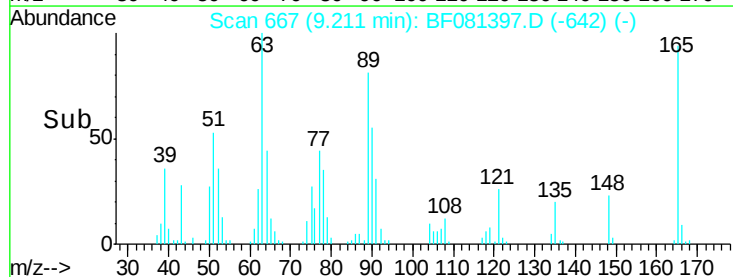
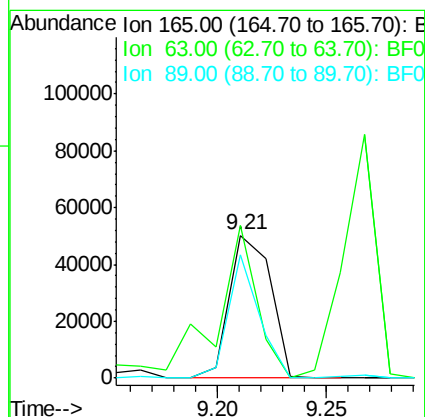
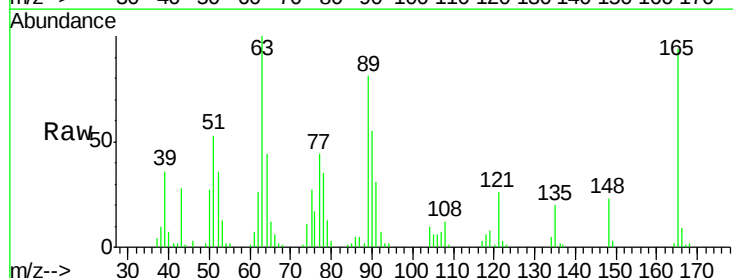
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 340845
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 9.9 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 34.37 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Tgt Ion:165 Resp: 66197
Ion Ratio Lower Upper
165 100
63 106.4 32.3 48.5#
89 86.3 28.6 43.0#





#51

Acenaphthene

Concen: 40.54 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

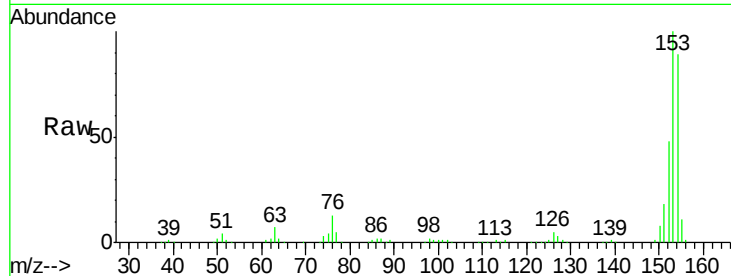
Tot Ion:154 Resp: 296870

Ion Ratio Lower Upper

154 100

153 112.1 82.1 123.1

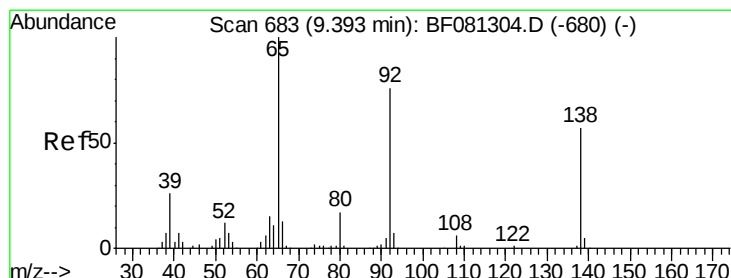
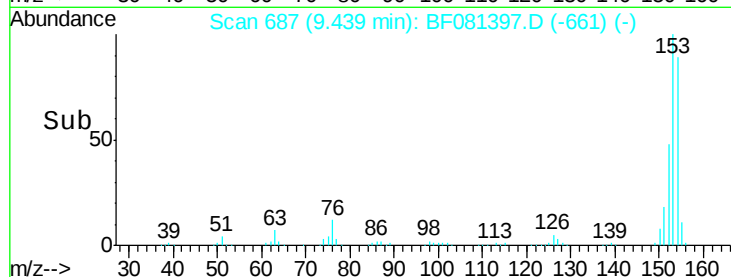
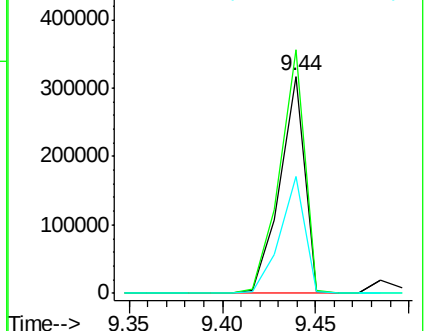
152 53.9 37.9 56.9



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: 44.57 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

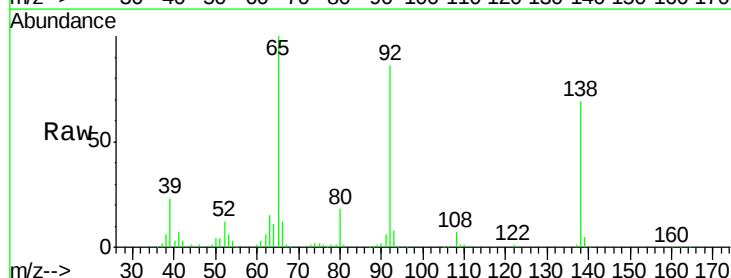
Tgt Ion:138 Resp: 97713

Ion Ratio Lower Upper

138 100

108 10.4 5.7 8.5#

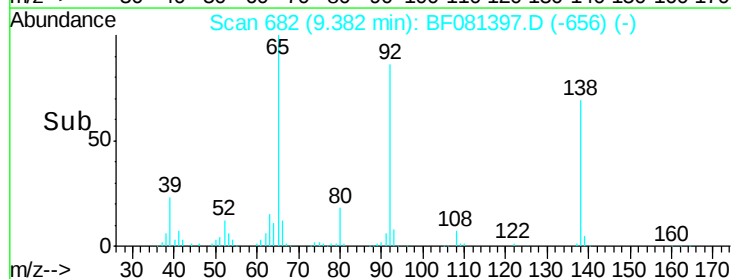
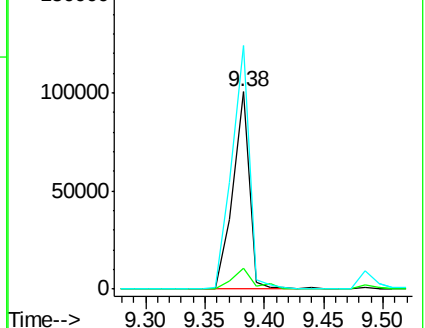
92 123.6 67.7 101.5#

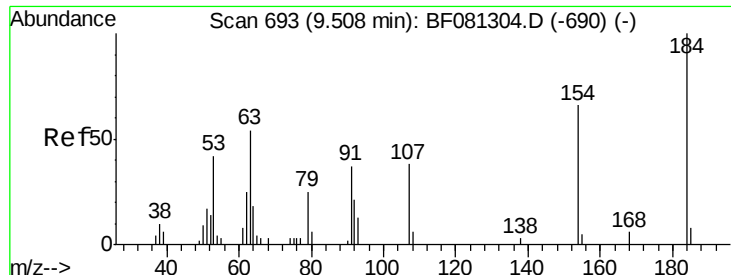


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

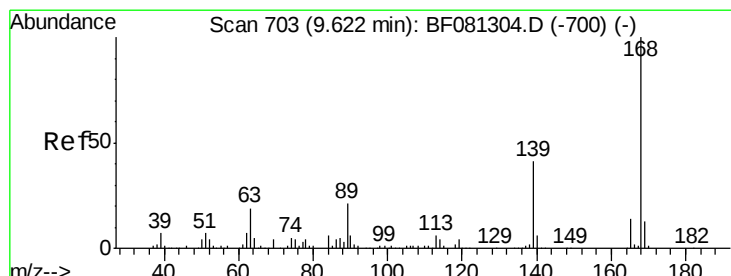
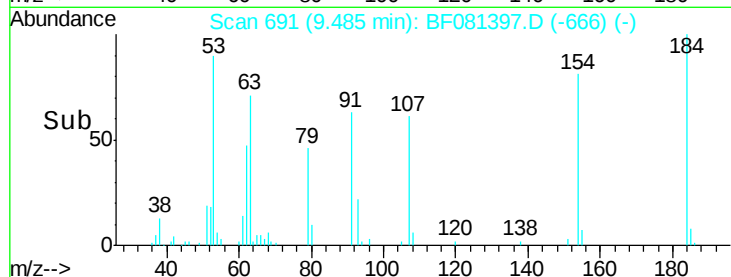
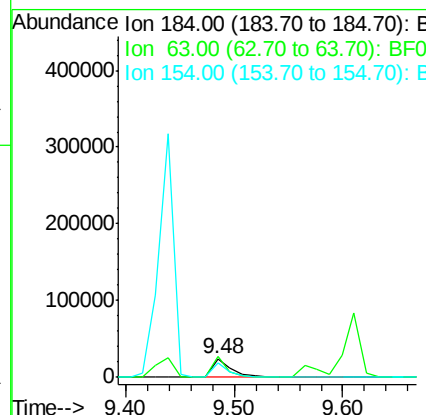
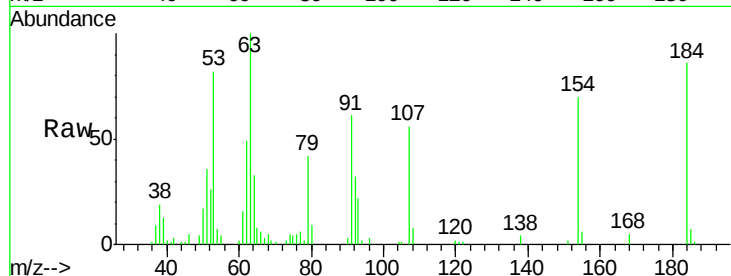




#53
 2,4-Dinitrophenol
 Concen: 38.07 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

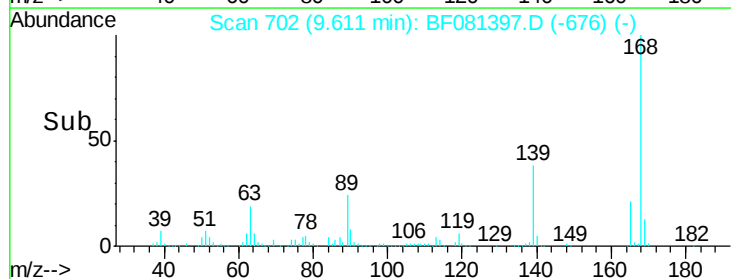
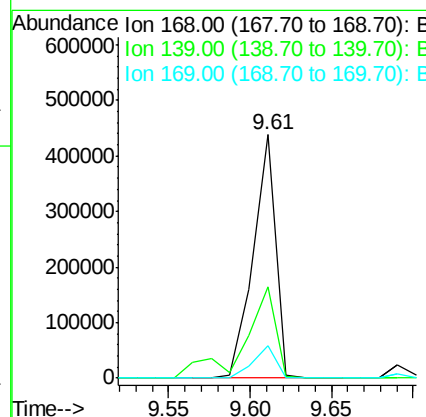
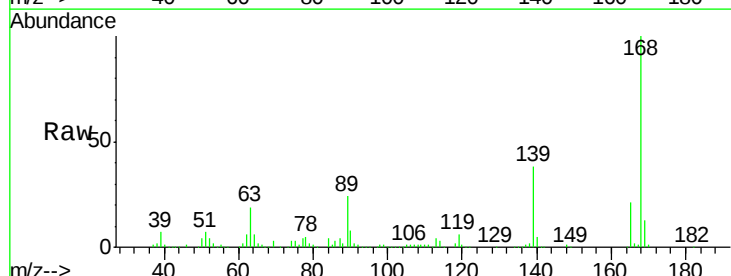
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

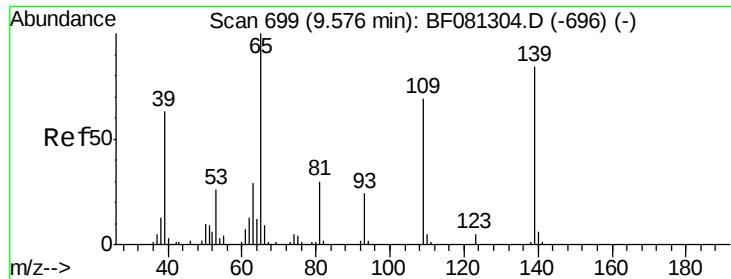
Tot Ion:184 Resp: 30883
 Ion Ratio Lower Upper
 184 100
 63 116.5 35.4 53.2#
 154 81.3 32.2 48.4#



#54
 Dibenzofuran
 Concen: 39.07 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Tgt Ion:168 Resp: 417775
 Ion Ratio Lower Upper
 168 100
 139 37.6 24.2 36.2#
 169 13.4 10.6 15.8

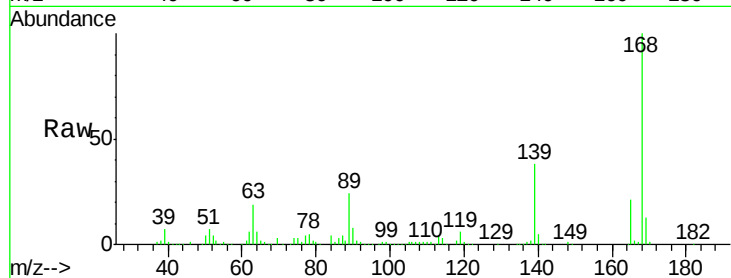




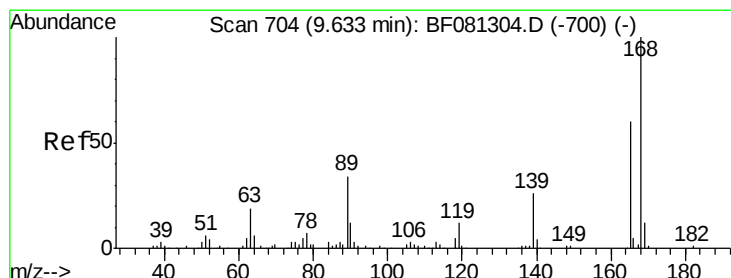
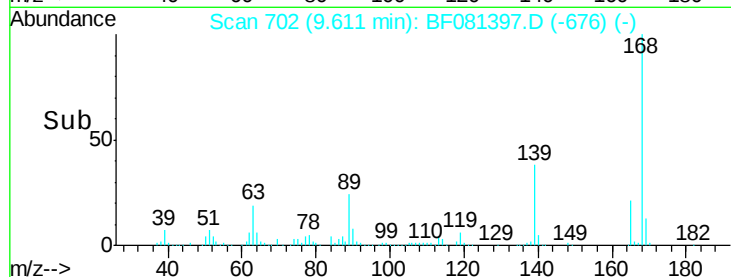
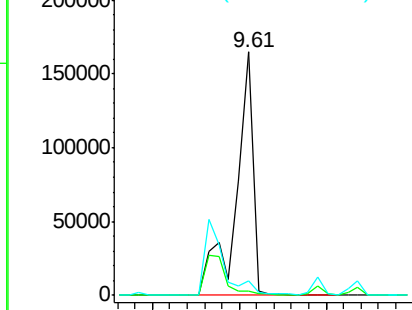
#55
4-Nitrophenol
Concen: 161.23 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.6	12.7	52.7#
65	6.2	45.9	85.9#



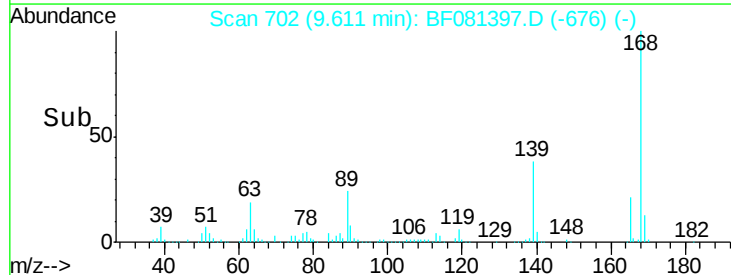
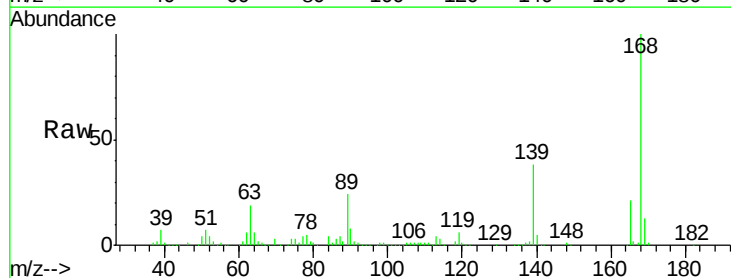
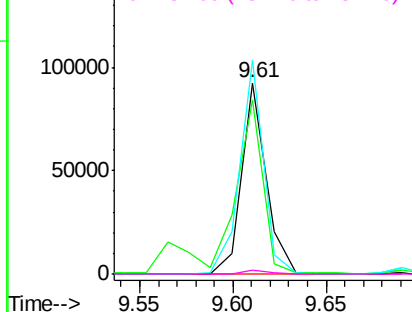
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 34.50 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	91.0	29.8	44.6#
89	111.9	44.5	66.7#
182	2.0	3.0	4.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

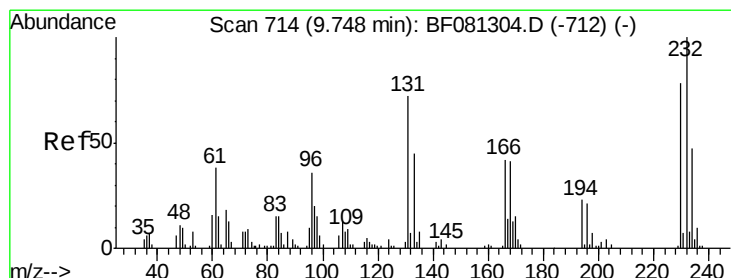
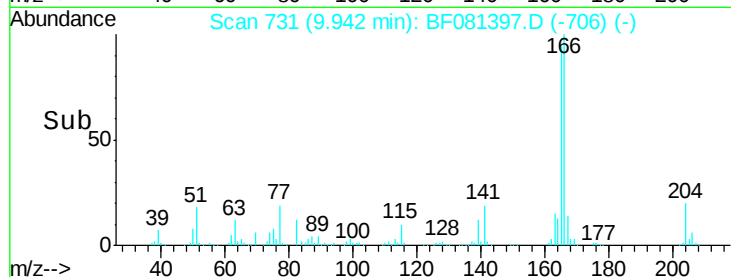
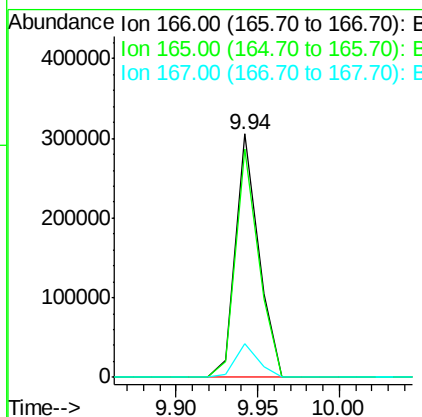
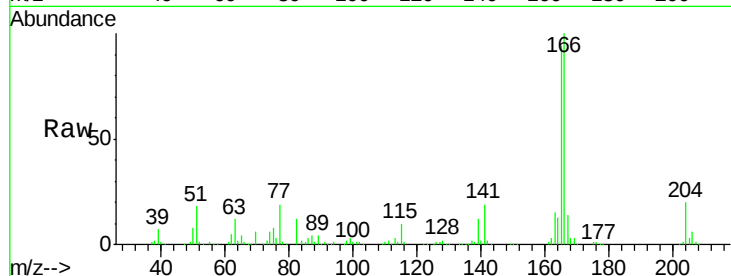




#57
Fluorene
 Concen: 36.70 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

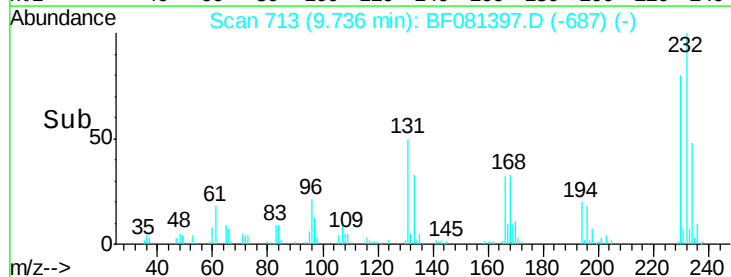
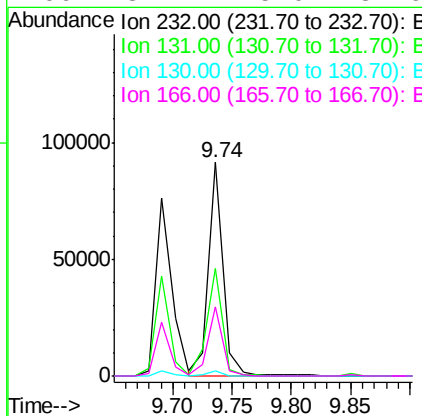
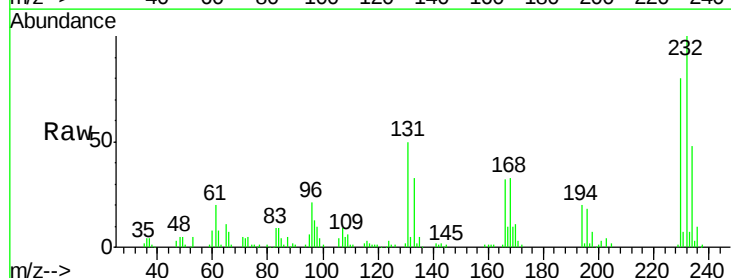
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

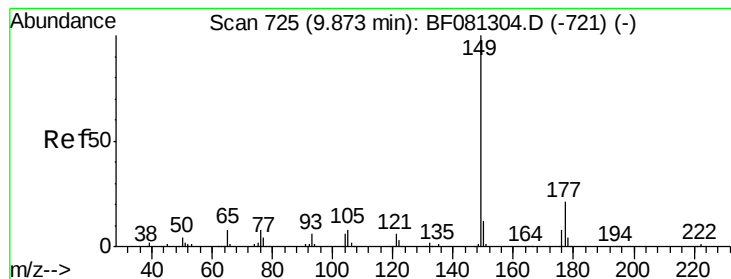
Tot Ion:166 Resp: 297808
 Ion Ratio Lower Upper
 166 100
 165 93.7 72.6 109.0
 167 13.9 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.69 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Tgt Ion:232 Resp: 79249
 Ion Ratio Lower Upper
 232 100
 131 52.9 38.5 57.7
 130 2.4 1.8 2.6
 166 32.2 25.0 37.6





#59

Diethylphthalate

Concen: 36.17 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

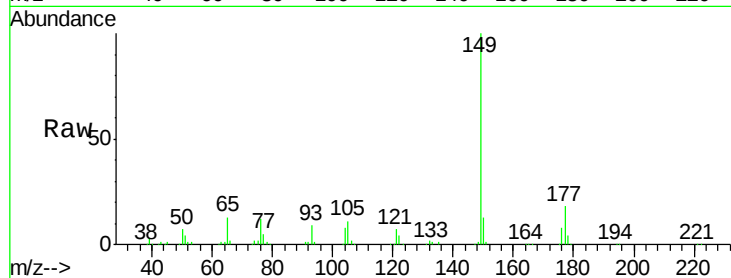
Tot Ion:149 Resp: 322846

Ion Ratio Lower Upper

149 100

177 18.4 17.5 26.3

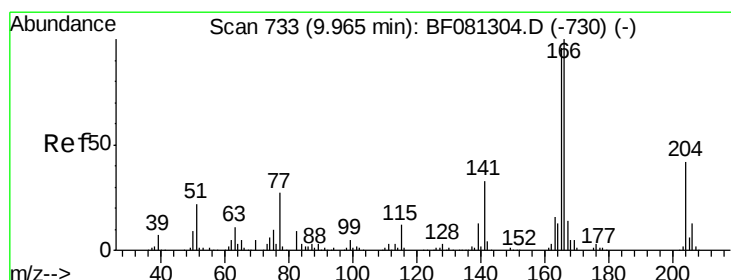
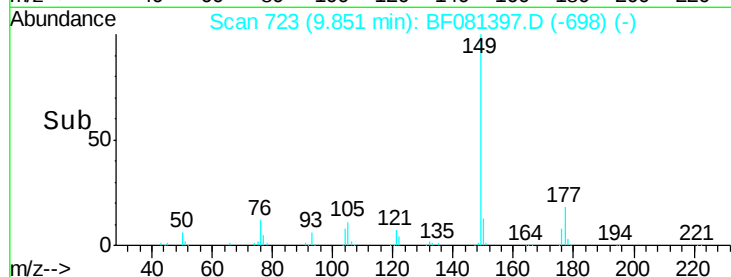
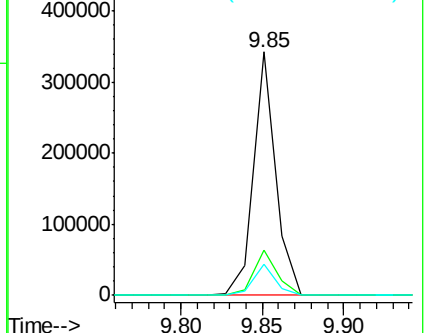
150 12.8 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.04 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

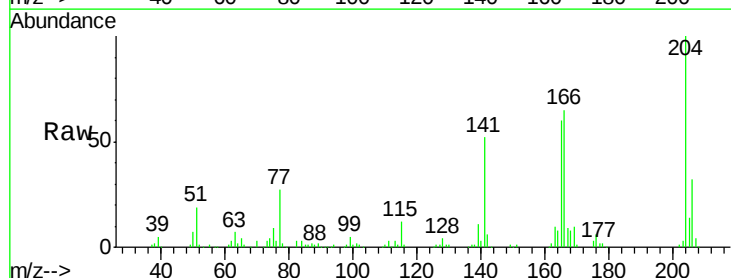
Tgt Ion:204 Resp: 155225

Ion Ratio Lower Upper

204 100

206 32.0 24.8 37.2

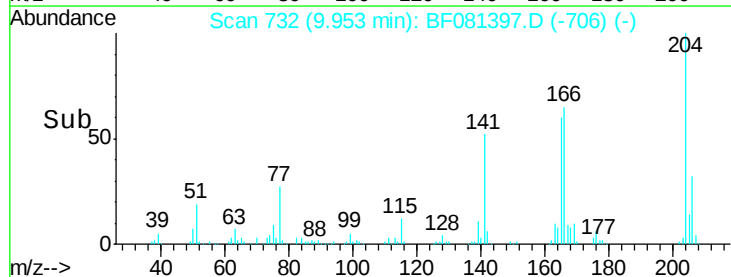
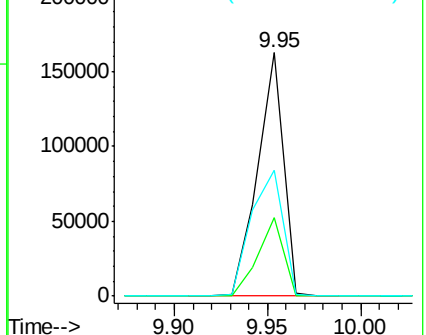
141 51.7 42.2 63.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.90 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

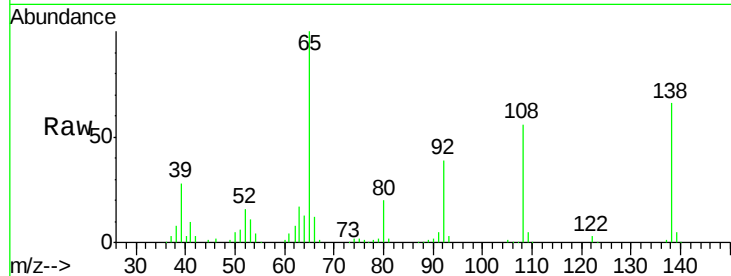
Tot Ion:138 Resp: 81734

Ion Ratio Lower Upper

138 100

92 59.0 12.6 52.6#

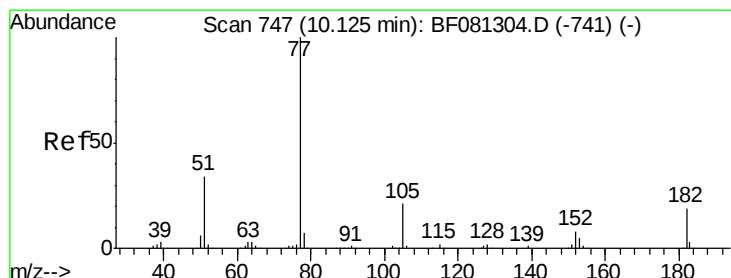
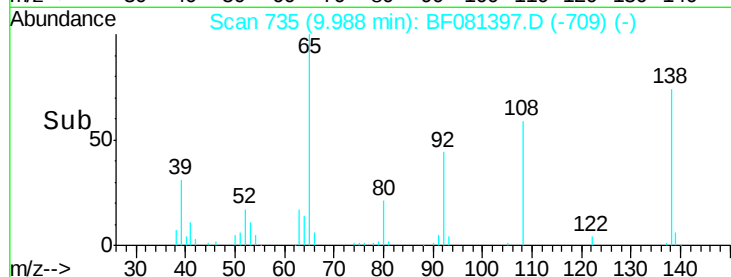
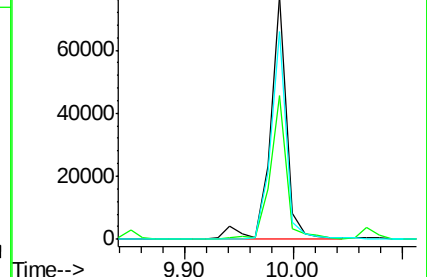
108 85.5 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.03 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Tgt Ion: 77 Resp: 367496

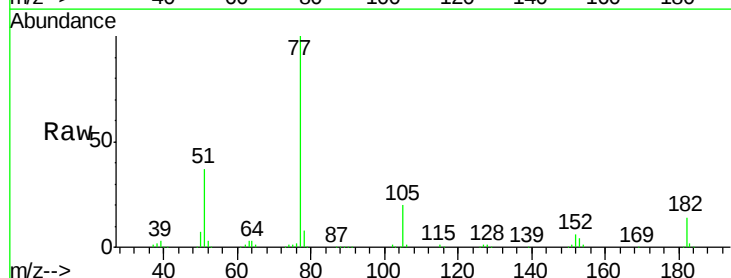
Ion Ratio Lower Upper

77 100

182 14.1 15.1 55.1#

105 19.6 3.4 43.4

51 36.9 12.0 52.0

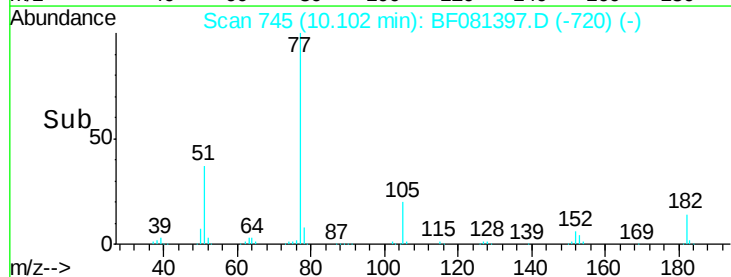
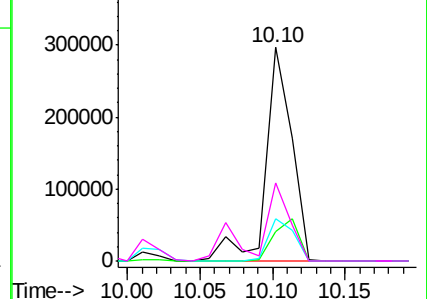


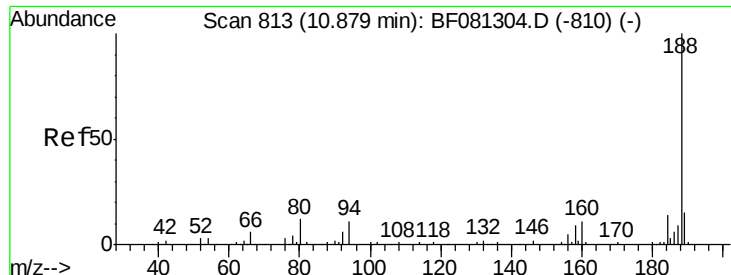
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

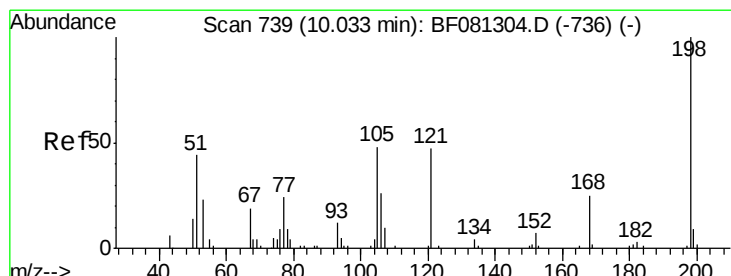
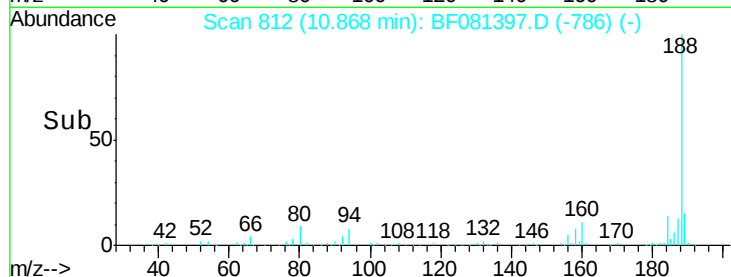
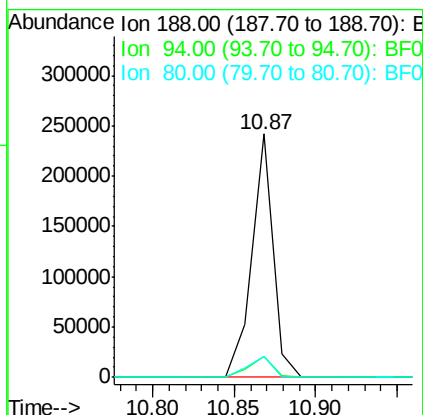
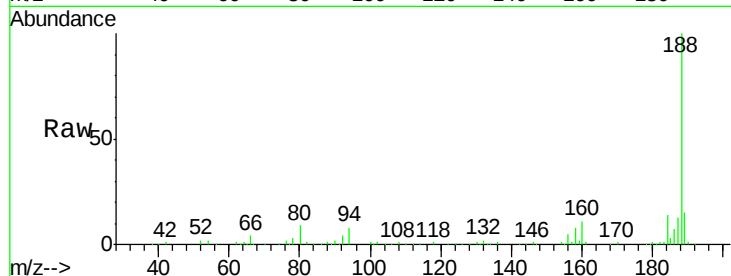




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

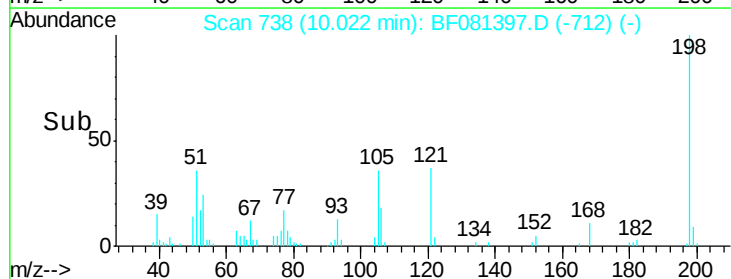
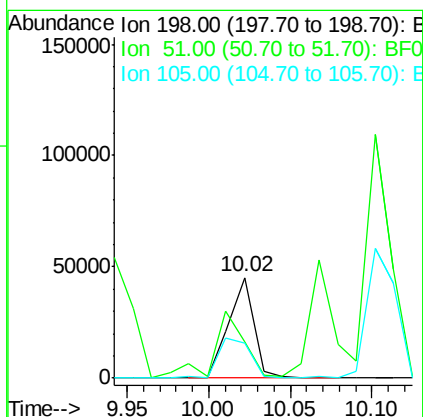
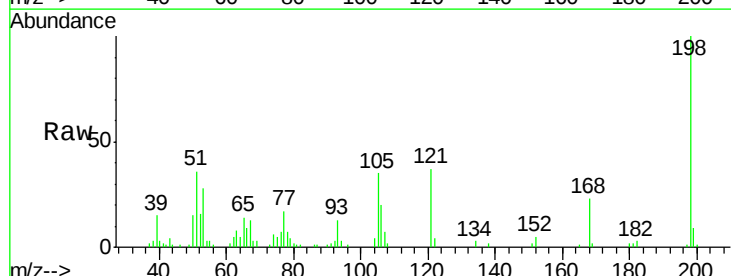
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

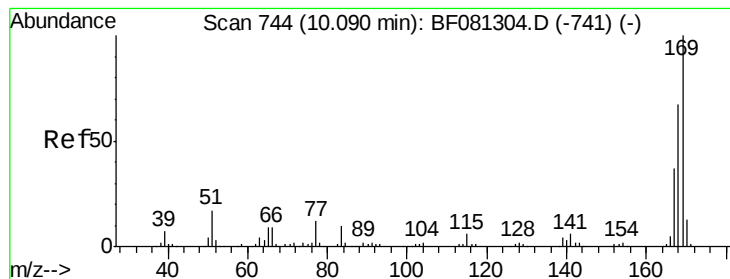
Tot Ion:188 Resp: 218987
Ion Ratio Lower Upper
188 100
94 8.4 11.1 16.7#
80 8.5 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.17 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Tgt Ion:198 Resp: 47975
Ion Ratio Lower Upper
198 100
51 35.8 39.6 79.6#
105 35.2 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 35.28 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

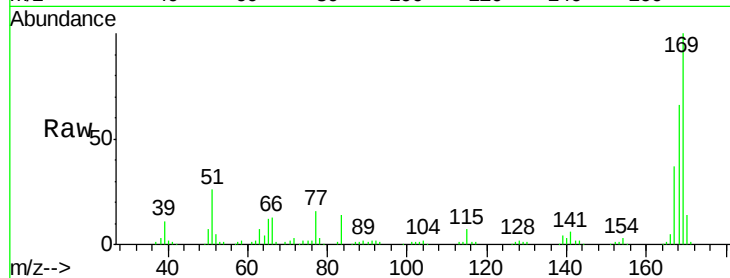
Tot Ion:169 Resp: 281105

Ion Ratio Lower Upper

169 100

168 66.2 48.9 73.3

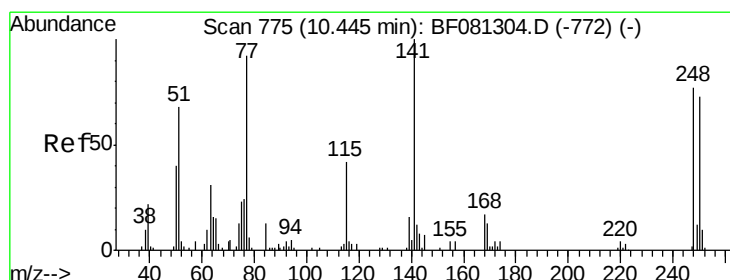
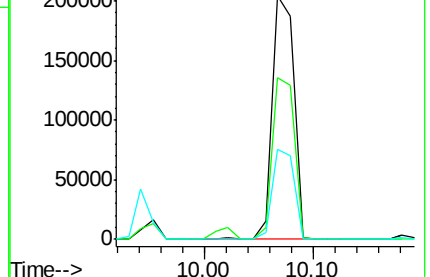
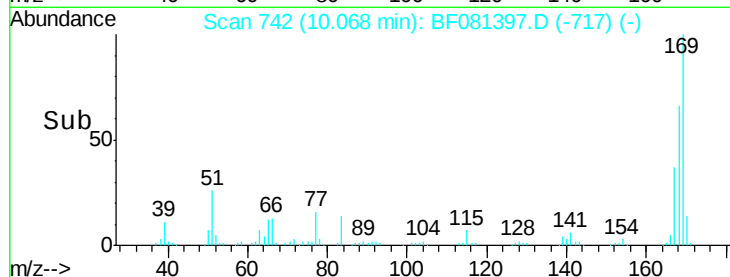
167 37.1 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.42 ng

RT: 10.43 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

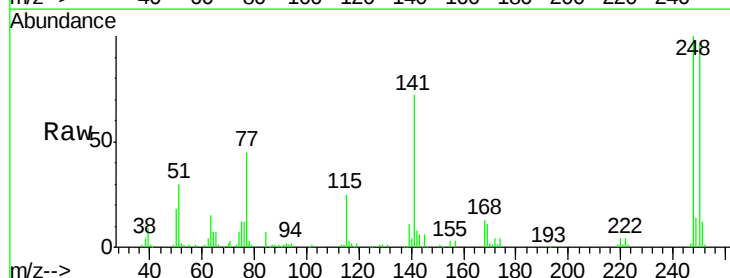
Tgt Ion:248 Resp: 89509

Ion Ratio Lower Upper

248 100

250 97.3 78.5 117.7

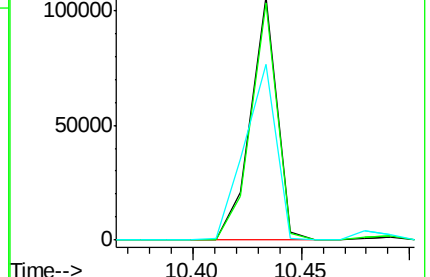
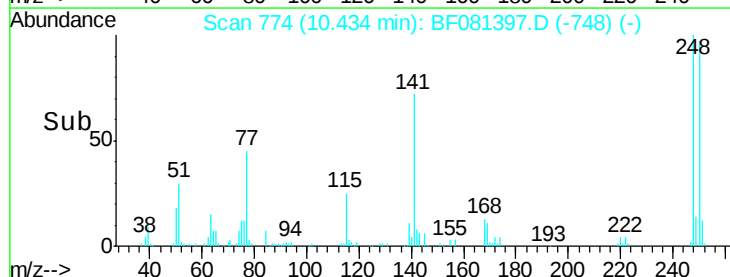
141 71.9 59.0 88.6



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

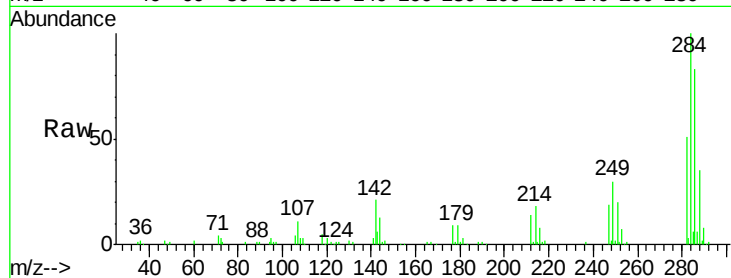




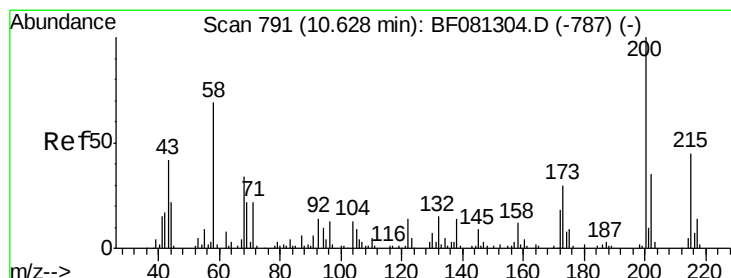
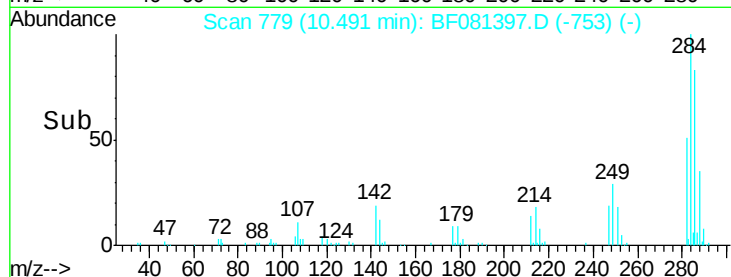
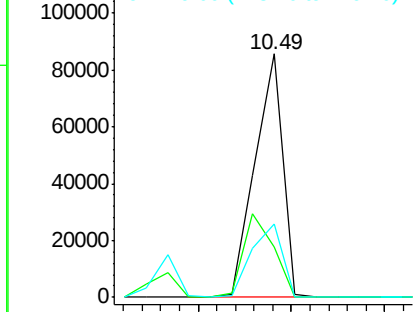
#67
Hexachlorobenzene
Concen: 38.80 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 89822
Ion Ratio Lower Upper
284 100
142 20.9 29.5 44.3#
249 30.3 19.5 29.3#

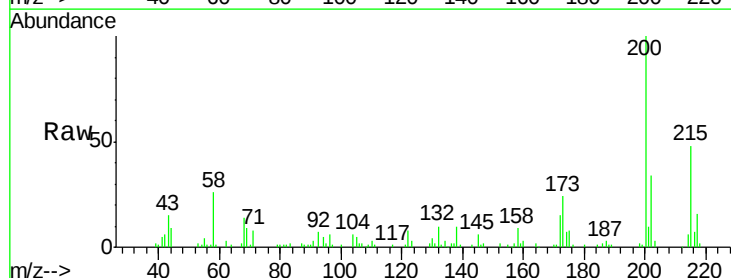


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

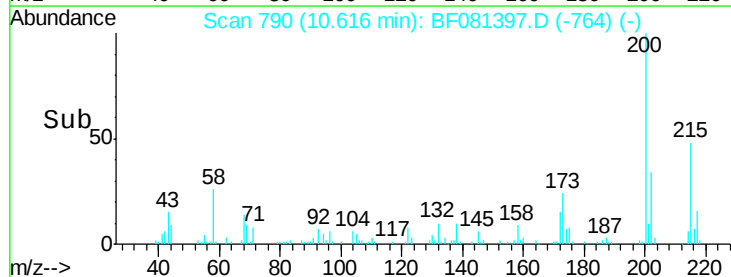
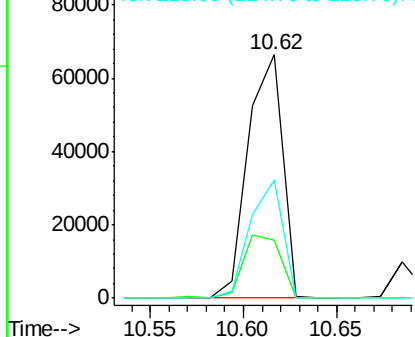


#68
Atrazine
Concen: 36.80 ng
RT: 10.62 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Tgt Ion:200 Resp: 84854
Ion Ratio Lower Upper
200 100
173 23.8 13.2 53.2
215 48.4 41.8 81.8



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

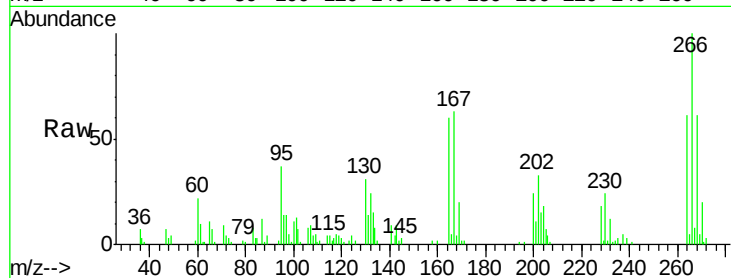




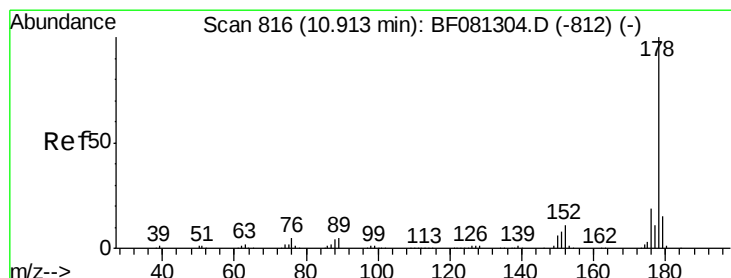
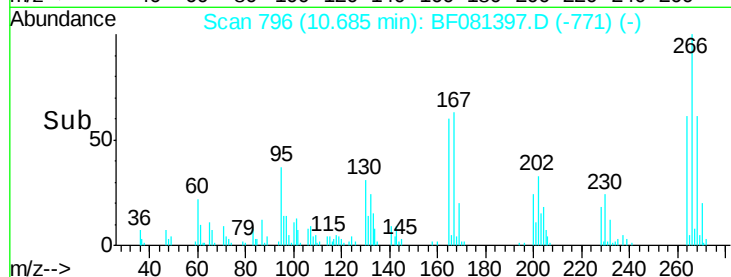
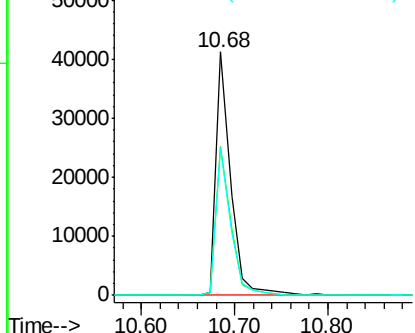
#69
 Pentachlorophenol
 Concen: 44.21 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.3	49.8	74.6
264	60.6	50.2	75.2

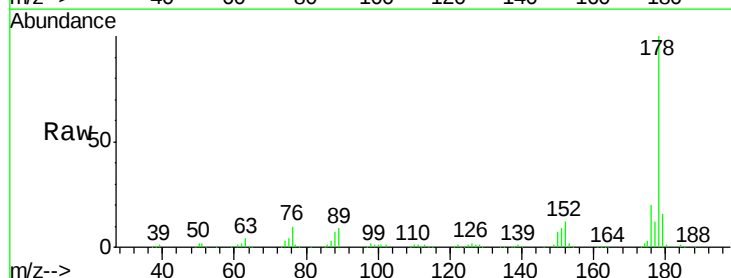


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

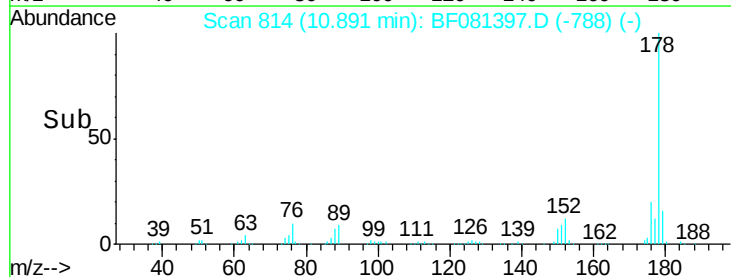
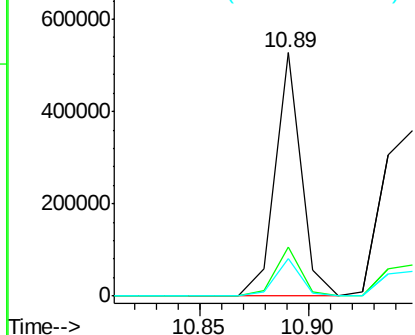


#70
 Phenanthrene
 Concen: 36.37 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	13.8	20.8
179	15.6	12.2	18.2



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

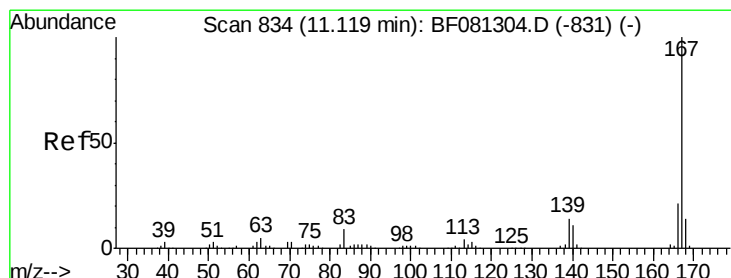
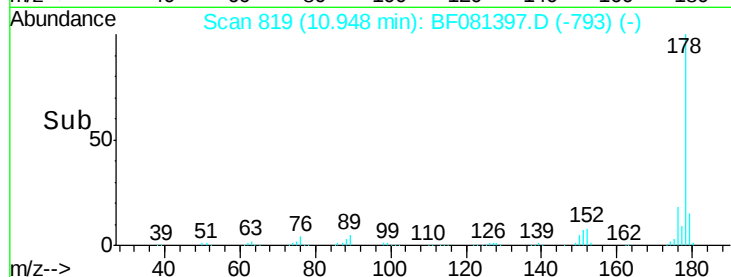
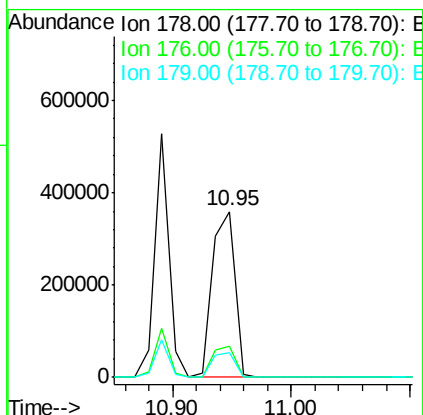
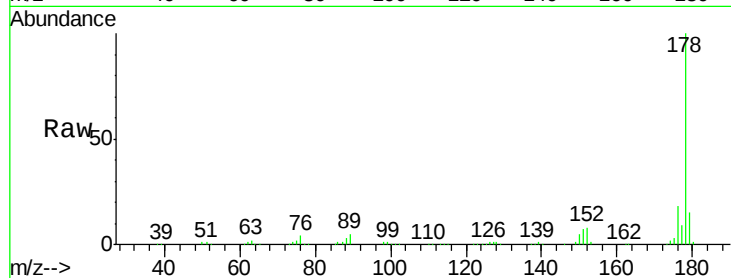




#71
 Anthracene
 Concen: 37.46 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

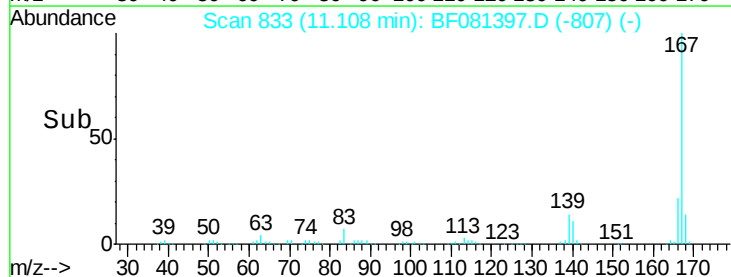
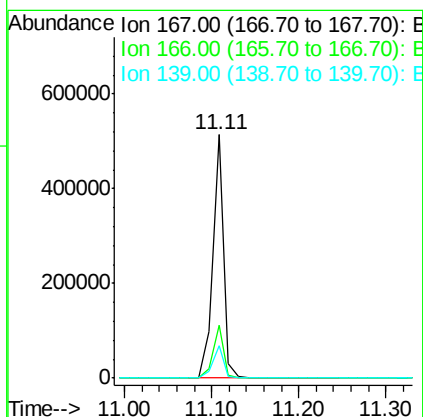
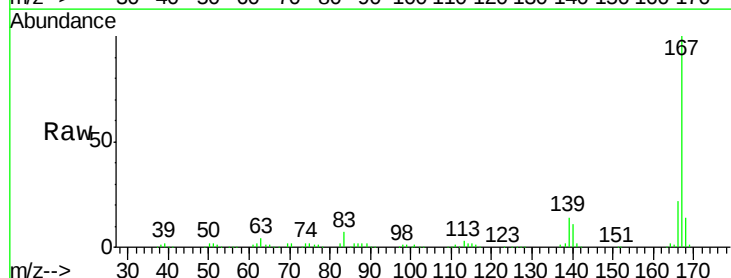
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

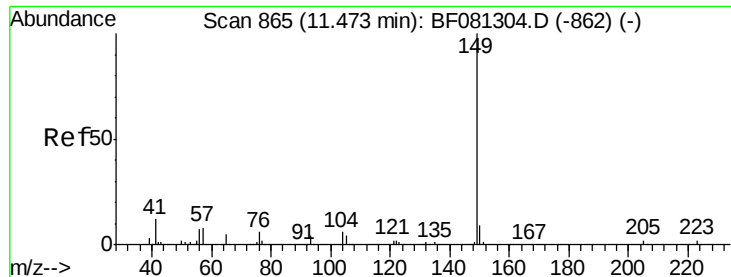
Tot Ion:178 Resp: 468588
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.1 21.1
 179 14.8 12.2 18.2



#72
 Carbazole
 Concen: 38.19 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Tgt Ion:167 Resp: 448249
 Ion Ratio Lower Upper
 167 100
 166 21.6 15.7 23.5
 139 13.5 9.5 14.3





#73

Di-n-butylphthalate

Concen: 40.05 ng

RT: 11.46 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

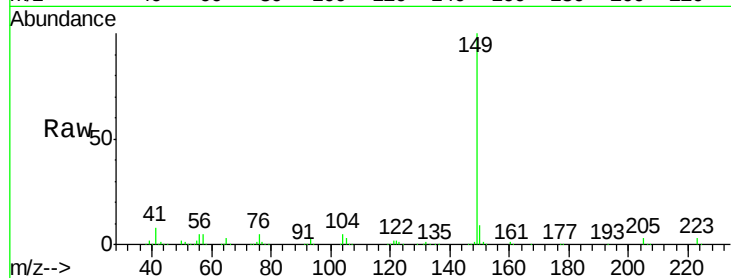
Tot Ion:149 Resp: 555150

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

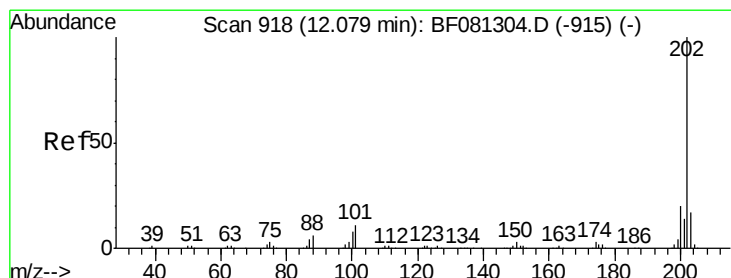
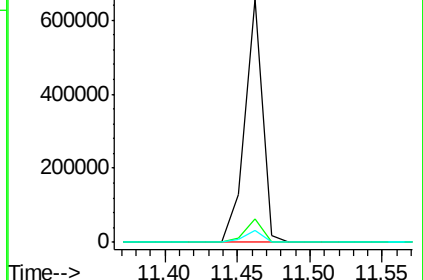
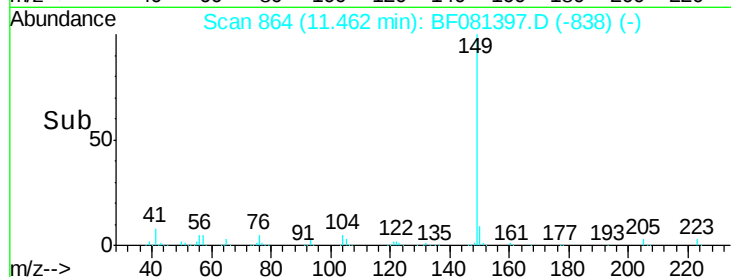
104 5.1 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.13 ng

RT: 12.07 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

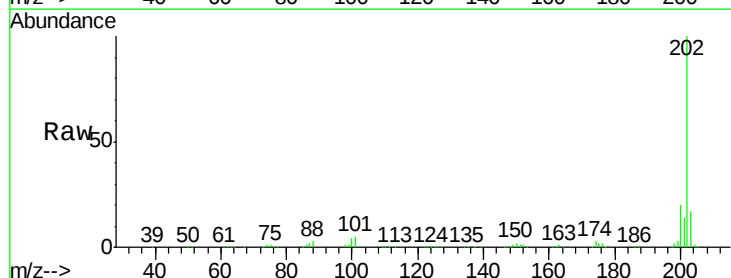
Tgt Ion:202 Resp: 528865

Ion Ratio Lower Upper

202 100

101 5.3 0.0 38.3

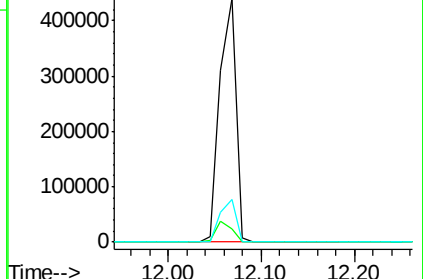
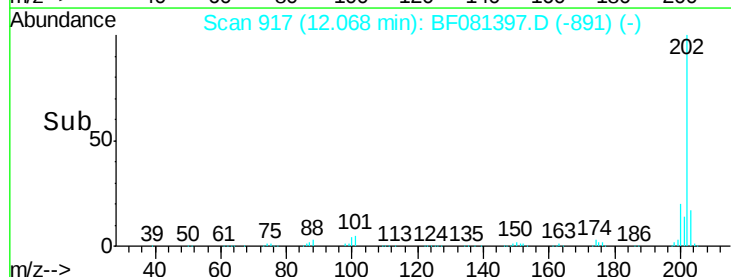
203 17.3 0.0 37.3

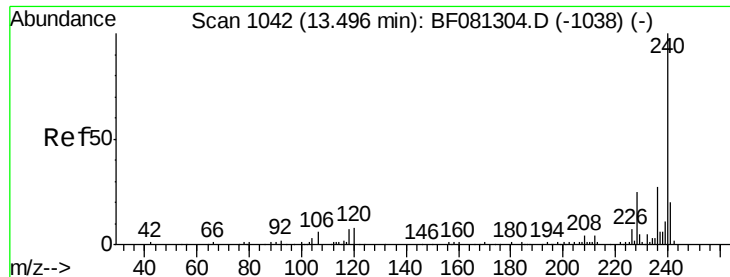


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

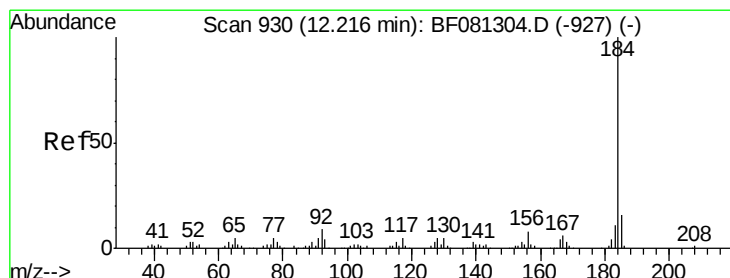
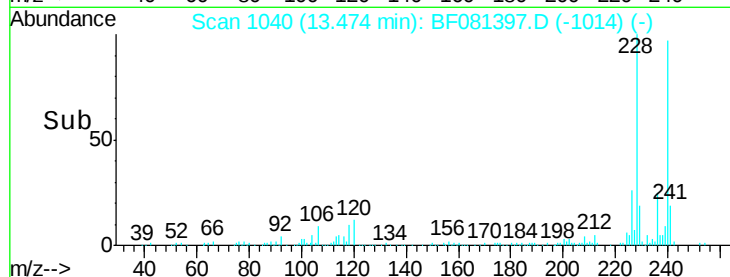
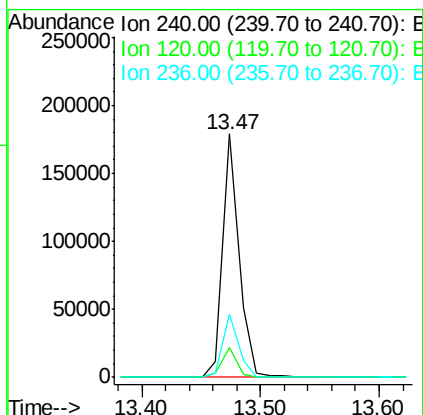
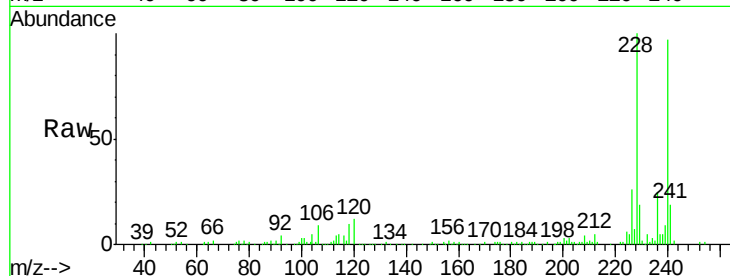




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.47 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

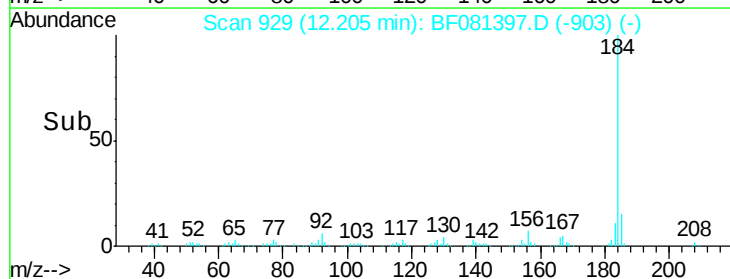
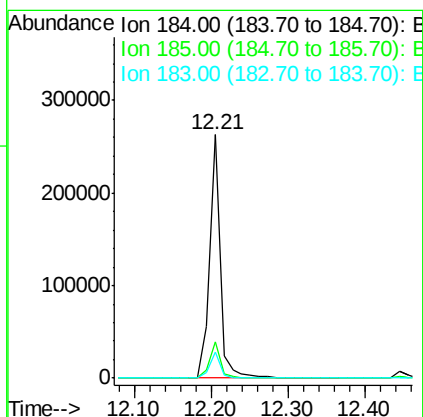
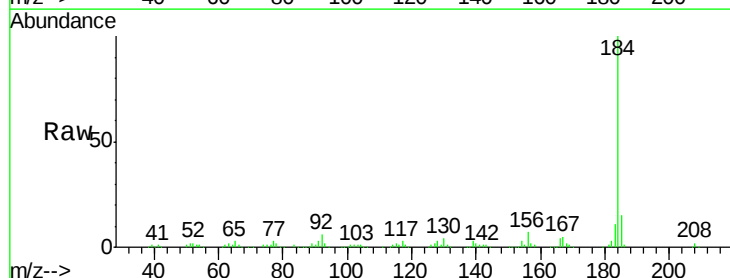
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

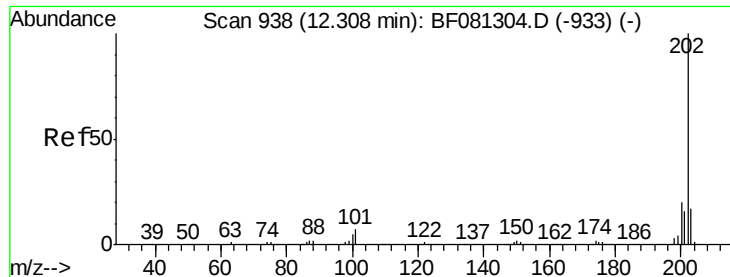
Tot Ion:240 Resp: 170555
Ion Ratio Lower Upper
240 100
120 12.0 16.2 24.2#
236 26.0 18.4 27.6



#76
Benzidine
Concen: 34.21 ng
RT: 12.21 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Tgt Ion:184 Resp: 250480
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 10.9 7.6 11.4

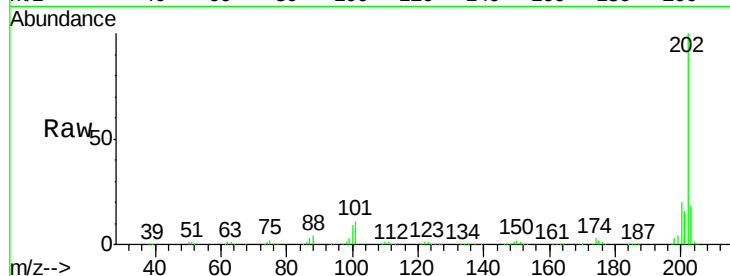




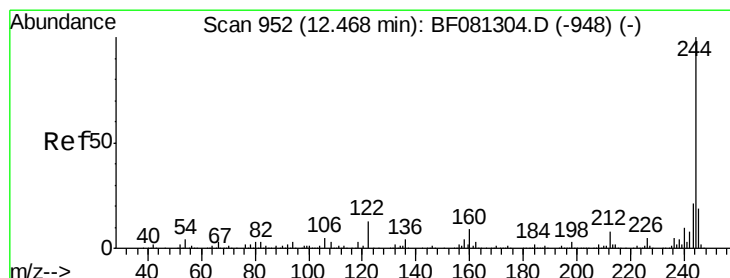
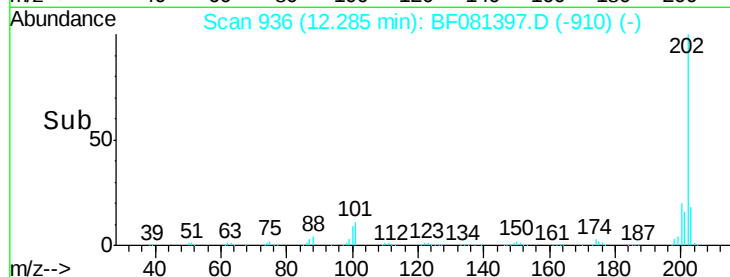
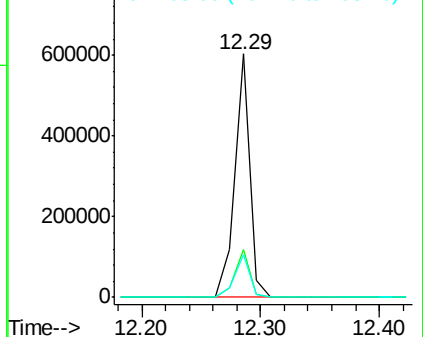
#77
Pvrene
Concen: 41.77 ng
RT: 12.29 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.0	22.4
203	17.5	14.1	21.1

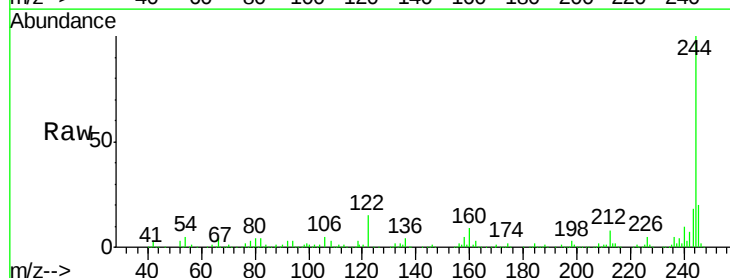


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

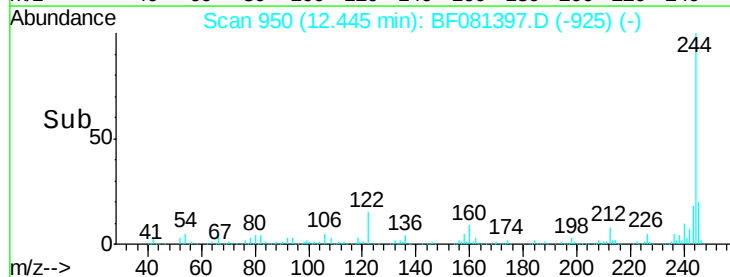
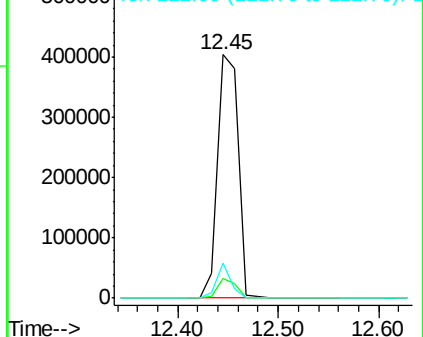


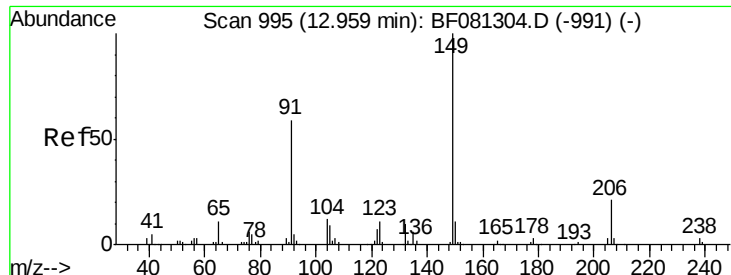
#78
Terphenyl-d14
Concen: 78.32 ng
RT: 12.45 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	14.5	17.4	26.2#



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

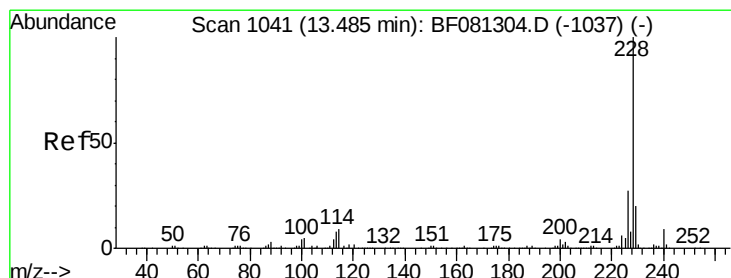
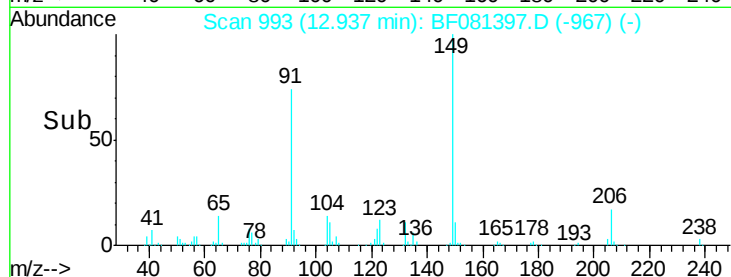
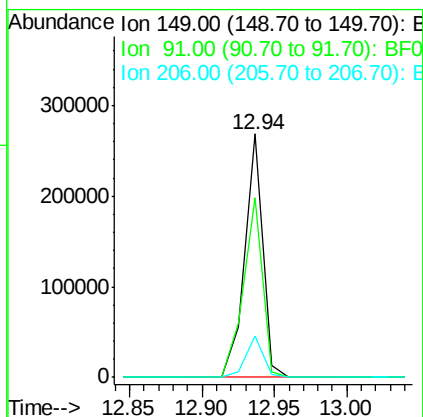
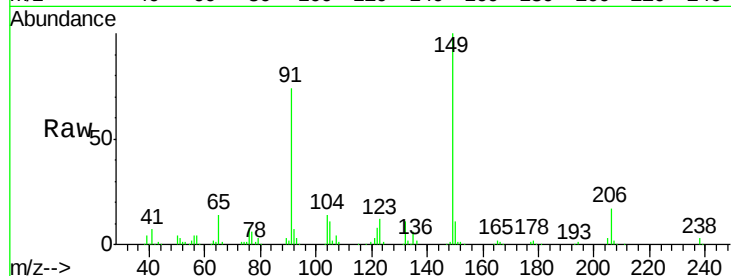




#79
Butylbenzylphthalate
Concen: 42.40 ng
RT: 12.94 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

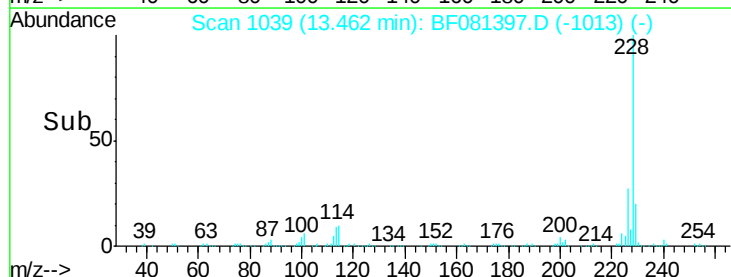
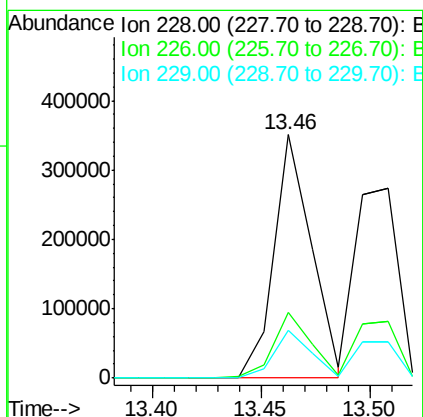
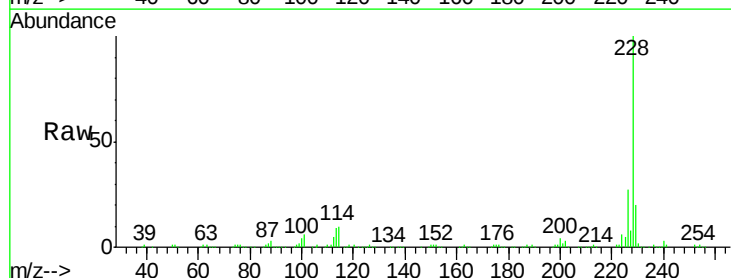
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

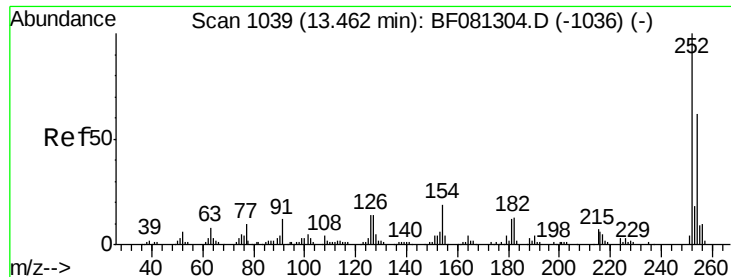
Tot Ion:149 Resp: 232972
Ion Ratio Lower Upper
149 100
91 74.0 48.6 72.8#
206 17.2 14.9 22.3



#80
Benzo(a)anthracene
Concen: 39.07 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Tgt Ion:228 Resp: 424375
Ion Ratio Lower Upper
228 100
226 26.9 20.0 30.0
229 19.6 15.4 23.2

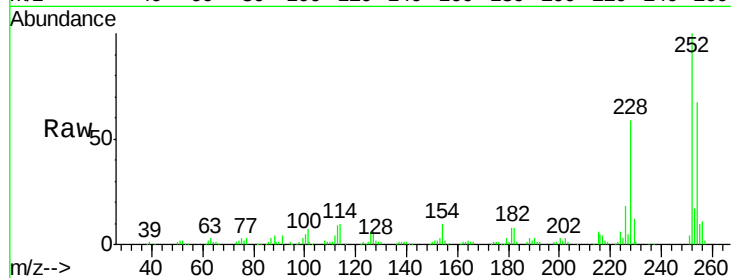




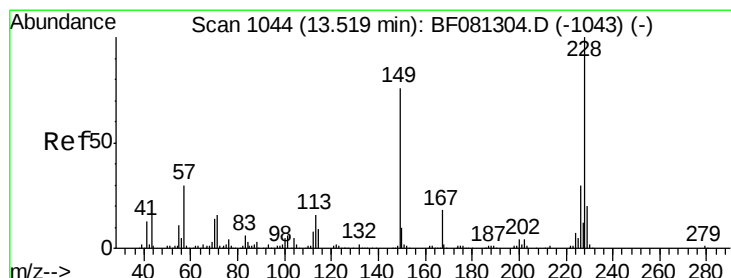
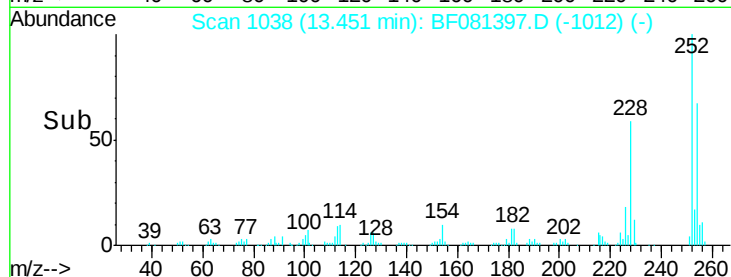
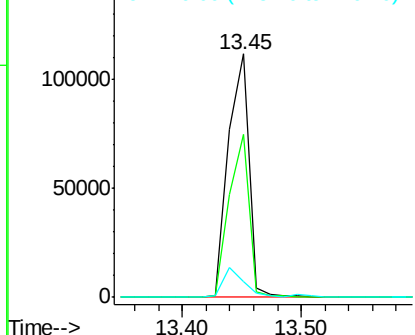
#81
 3,3'-Dichlorobenzidine
 Concen: 36.95 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.8	51.4	77.2
126	6.5	16.4	24.6#

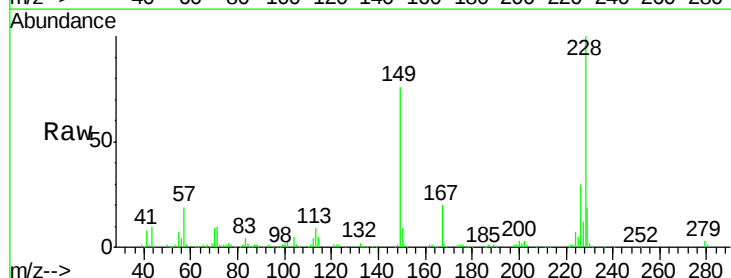


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

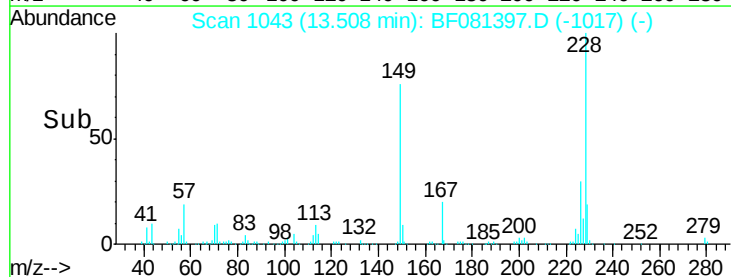
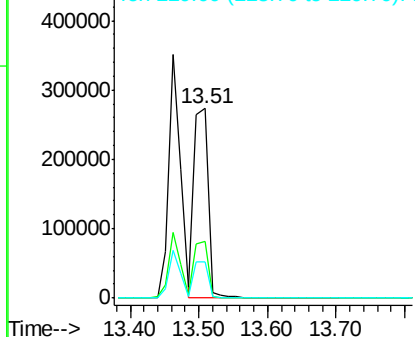


#82
 Chrysene
 Concen: 39.58 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.0	31.4
229	19.4	15.6	23.4



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

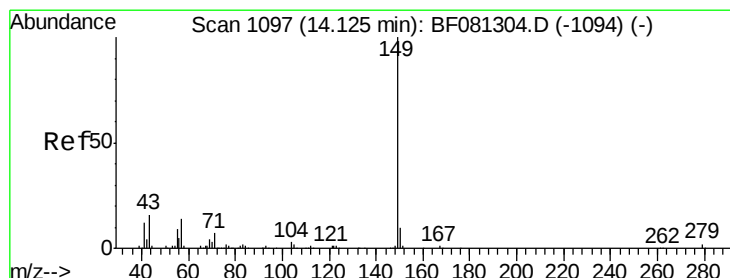
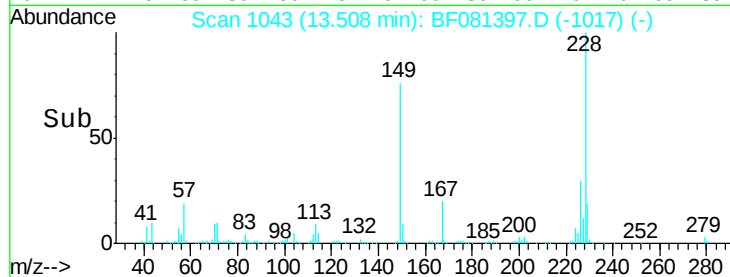
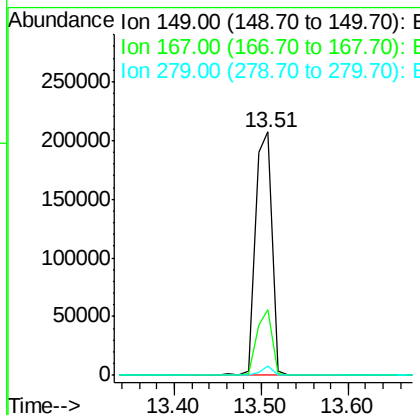
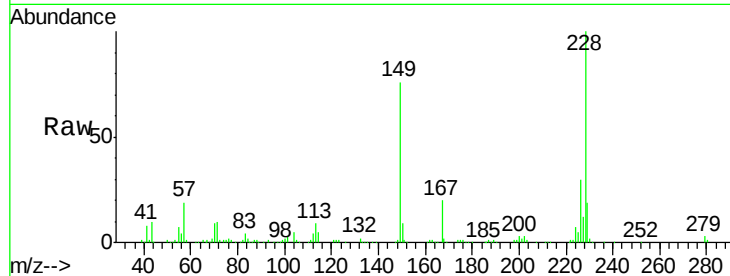




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.84 ng
 RT: 13.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

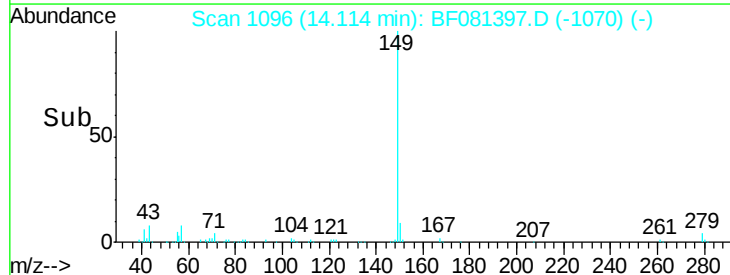
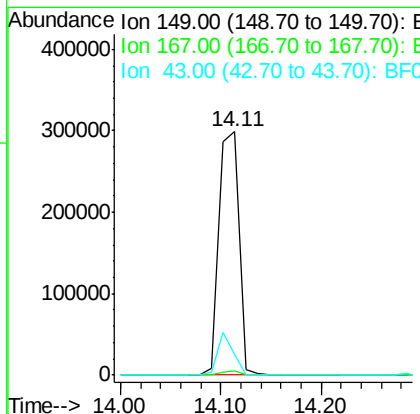
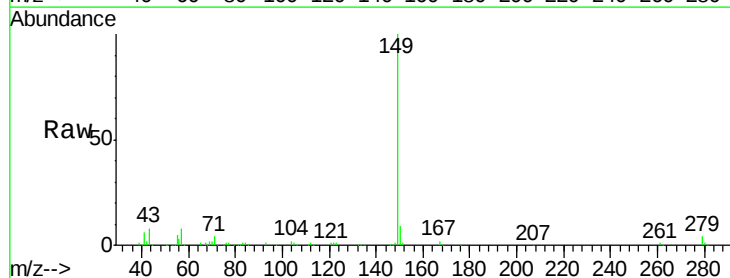
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

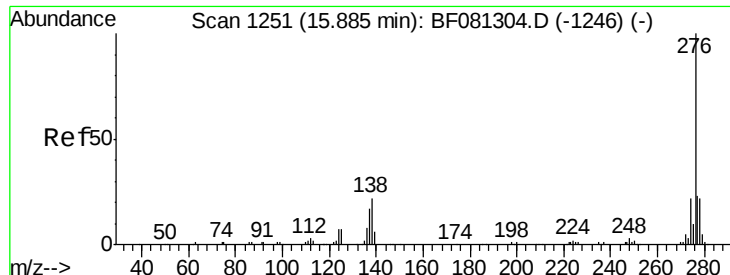
Tot Ion:149 Resp: 281646
 Ion Ratio Lower Upper
 149 100
 167 26.8 24.2 36.2
 279 3.9 3.8 5.6



#84
 Di-n-octyl phthalate
 Concen: 34.75 ng
 RT: 14.11 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Tgt Ion:149 Resp: 414870
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 13.8 10.2 15.2

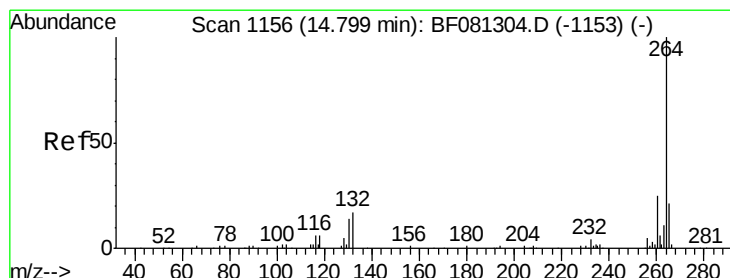
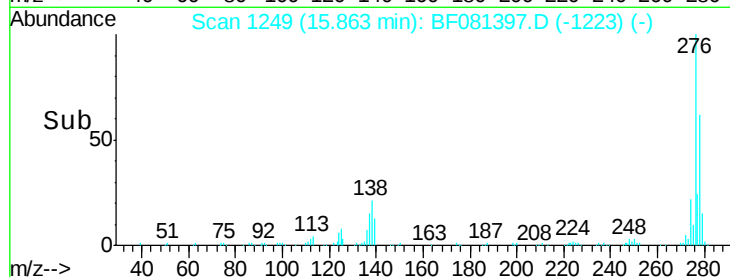
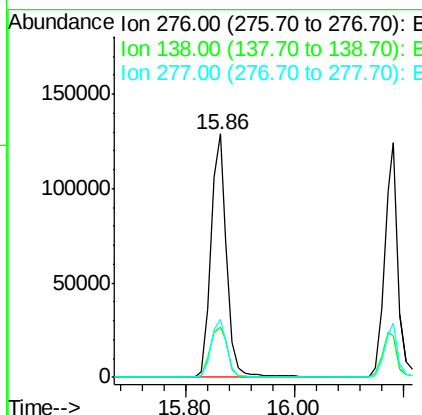
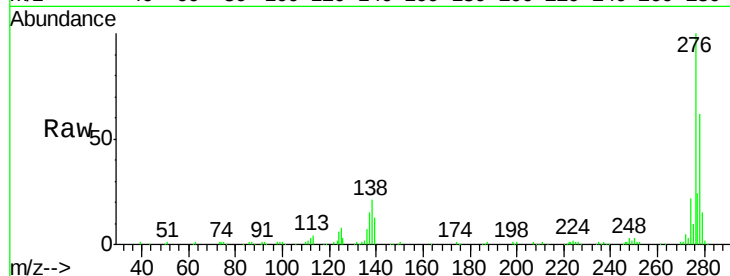




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.78 ng
 RT: 15.86 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

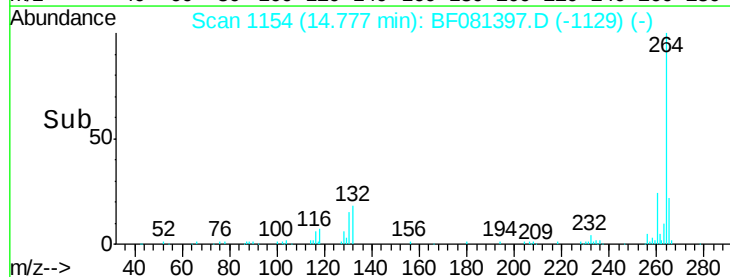
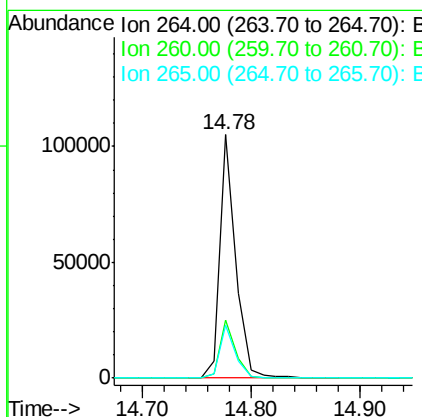
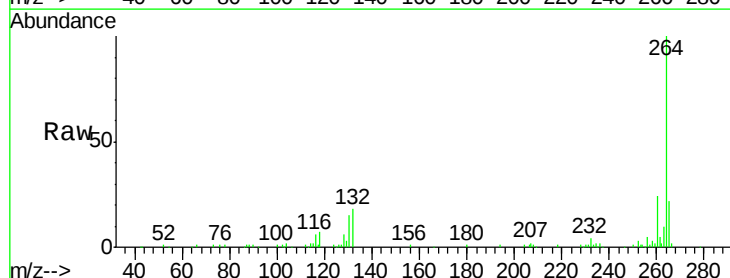
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

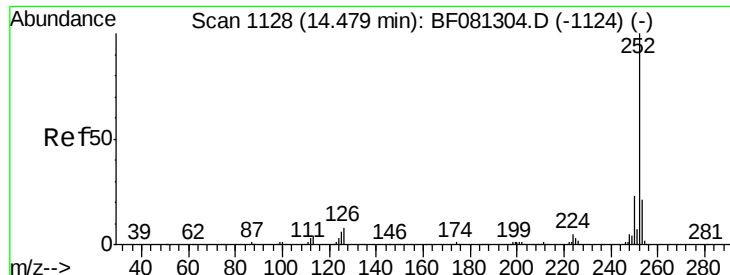
Tot Ion:276 Resp: 262727
 Ion Ratio Lower Upper
 276 100
 138 23.3 25.7 38.5#
 277 24.0 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF081397.D
 Acq: 4 Sep 2015 2:06

Tgt Ion:264 Resp: 107309
 Ion Ratio Lower Upper
 264 100
 260 23.8 16.7 25.1
 265 21.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 81.51 ng

RT: 14.48 min Scan# 1128

Delta R.T. 0.02 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

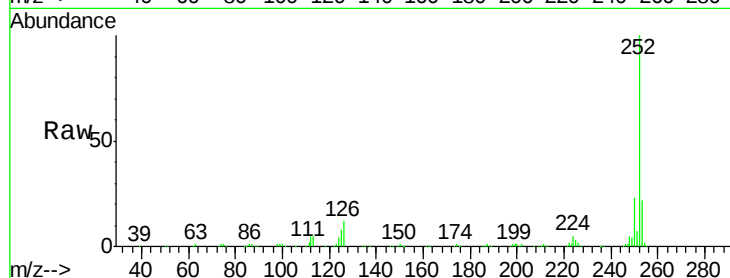
Tot Ion:252 Resp: 624480

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

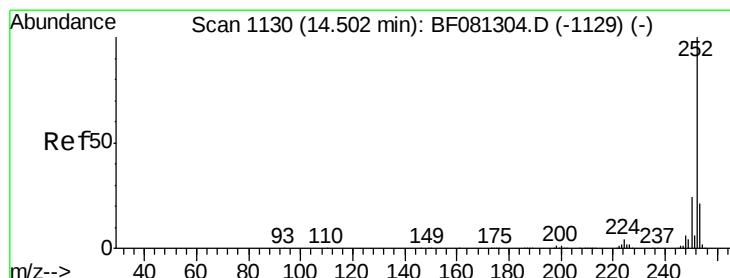
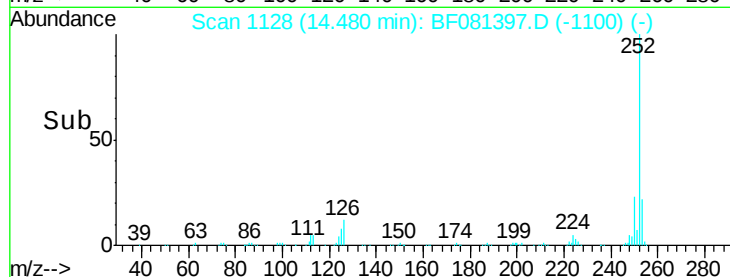
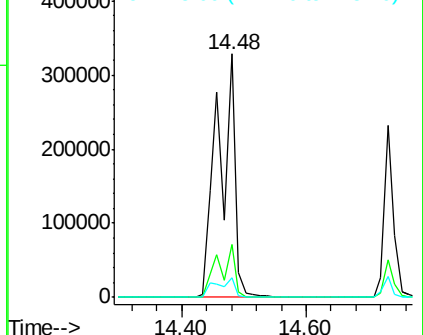
125 8.1 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 98.24 ng

RT: 14.48 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

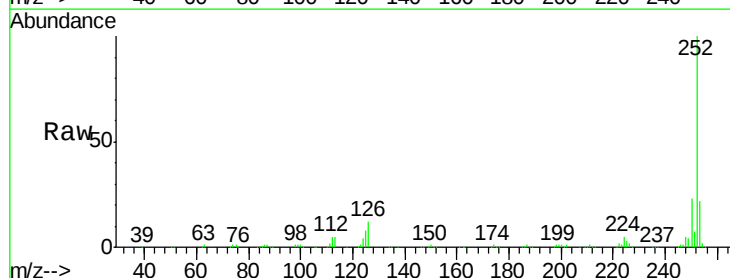
Tgt Ion:252 Resp: 624480

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

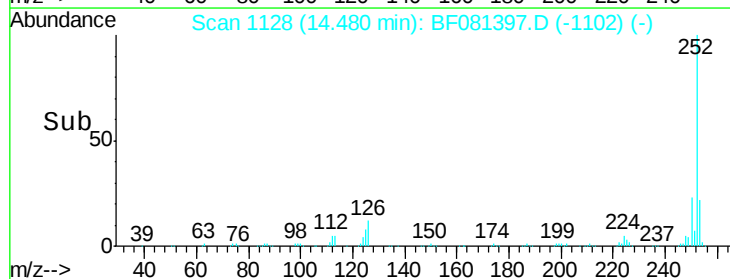
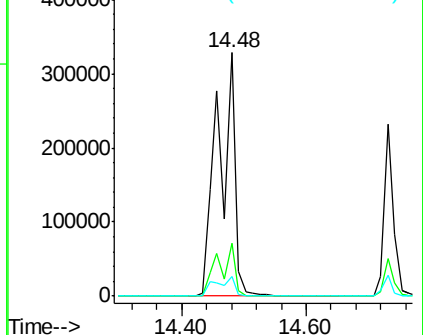
125 8.1 16.0 24.0#

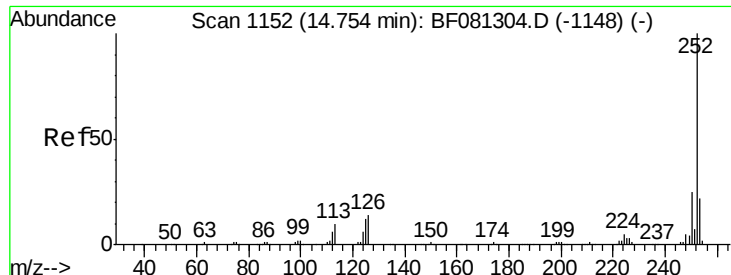


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

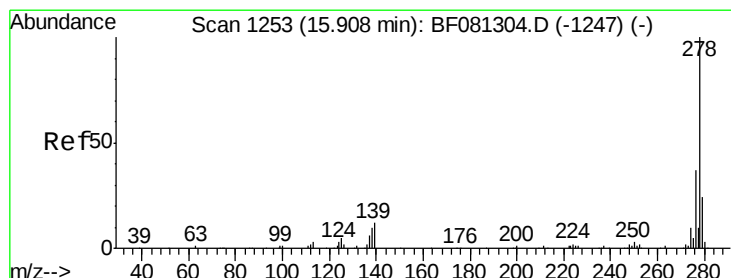
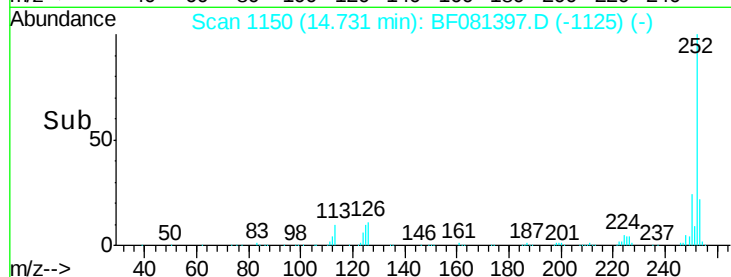
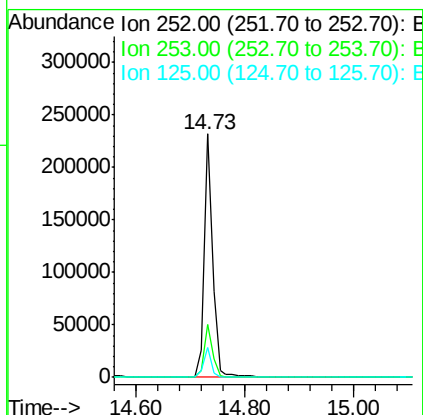
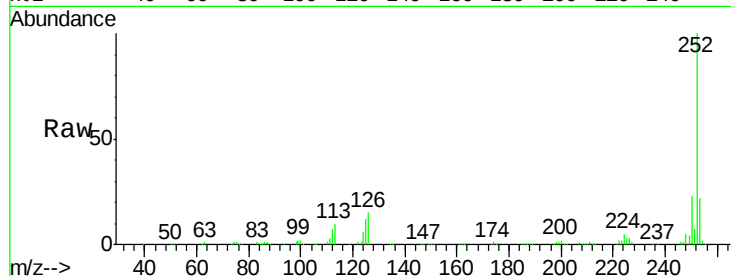




#89
Benzo(a)pyrene
Concen: 38.51 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

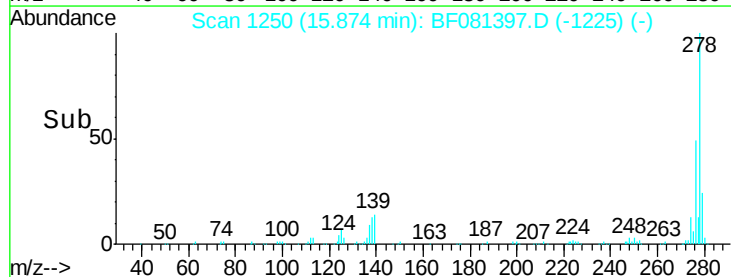
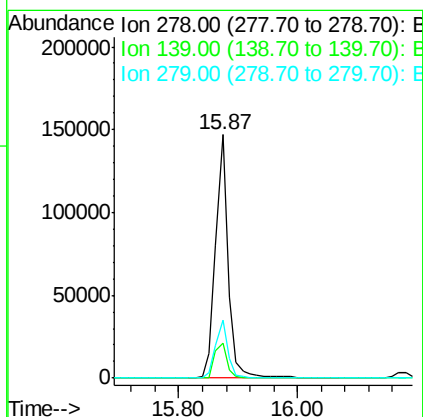
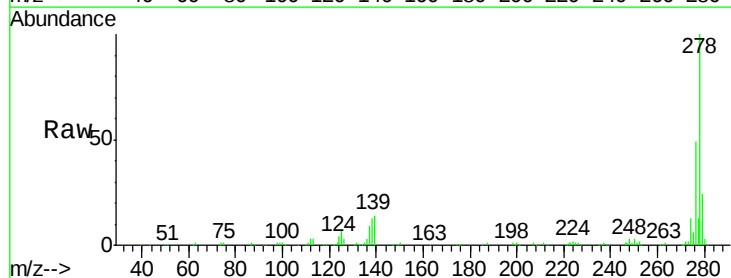
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

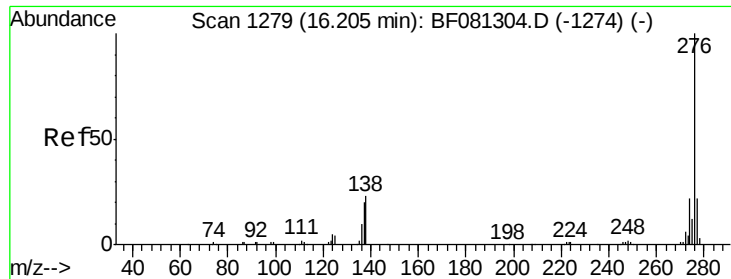
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	12.0	18.0	27.0#



#90
Dibenzo(a,h)anthracene
Concen: 43.01 ng
RT: 15.87 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF081397.D
Acq: 4 Sep 2015 2:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	26.3	39.5#
279	23.8	18.2	27.4





#91

Benzo(a,h,i)perylene

Concen: 46.26 ng

RT: 16.18 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF081397.D

Acq: 4 Sep 2015 2:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

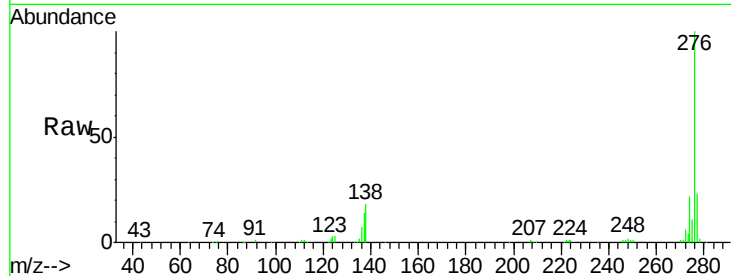
Tot Ion:276 Resp: 221494

Ion Ratio Lower Upper

276 100

277 23.2 17.8 26.6

138 17.6 34.6 51.8#



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

