

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082720.D
 Acq On : 5 Nov 2015 10:08
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 06 01:09:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	176035	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	671401	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	327150	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	655410	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	586941	20.00	ng	-0.02
86) Perylene-d12	15.46	264	503949	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	863034	73.84	ng	-0.01
7) Phenol-d6	6.50	99	1107401	71.32	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1155502	70.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	294291	82.20	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1672691	72.59	ng	-0.02
78) Terphenyl-d14	12.98	244	2068277	77.12	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	173115	32.04	ng	96
3) Pyridine	3.16	79	552820	34.90	ng	98
4) n-Nitrosodimethylamine	3.10	42	256801	28.80	ng	89
6) Aniline	6.52	93	732550	33.88	ng	98
8) 2-Chlorophenol	6.65	128	452781	35.80	ng	86
9) Benzaldehyde	6.41	77	335801	31.68	ng	89
10) Phenol	6.51	94	667721	37.95	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	485204	37.38	ng	88
12) 1,3-Dichlorobenzene	7.04	146	473932	32.86	ng	95
13) 1,4-Dichlorobenzene	6.81	146	546226	38.19	ng	95
14) 1,2-Dichlorobenzene	7.04	146	473955	35.70	ng	95
15) Benzyl Alcohol	7.00	79	474982	32.80	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	664758	32.23	ng	96
17) 2-Methylphenol	7.13	107	401351	37.33	ng	95
18) Hexachloroethane	7.38	117	191024	34.23	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	404063	34.33	ng	87
20) 3+4-Methylphenols	7.28	107	457481	32.74	ng	# 86
22) Acetophenone	7.28	105	661669	33.47	ng	# 86
24) Nitrobenzene	7.45	77	537404	32.34	ng	# 89
25) Isophorone	7.70	82	1029132	34.02	ng	# 93
26) 2-Nitrophenol	7.77	139	265974	43.81	ng	# 72
27) 2,4-Dimethylphenol	7.81	122	451041	38.06	ng	93
28) bis(2-Chloroethoxy)methane	7.90	93	580263	35.07	ng	98
29) 2,4-Dichlorophenol	8.01	162	380802	35.25	ng	90
30) 1,2,4-Trichlorobenzene	8.10	180	451142	37.63	ng	94
31) Naphthalene	8.18	128	1374546	37.84	ng	98
32) Benzoic acid	7.92	122	223909	26.04	ng	91
33) 4-Chloroaniline	8.22	127	601286	38.77	ng	# 85
34) Hexachlorobutadiene	8.30	225	292430	38.36	ng	96
35) Caprolactam	8.59	113	130483	39.37	ng	# 87
36) 4-Chloro-3-methylphenol	8.70	107	476026	37.42	ng	91
37) 2-Methylnaphthalene	8.86	142	843080	35.81	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	457737	41.93	ng	98
40) Hexachlorocyclopentadiene	9.02	237	215486	31.40	ng	100

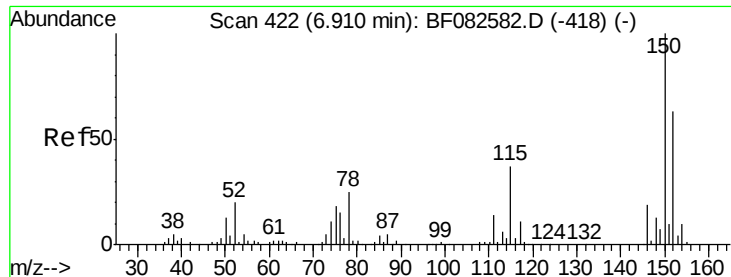
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	294653	37.38	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	322001	41.00	ng #	79
45) 1,1'-Biphenyl	9.33	154	1203872	43.56	ng	99
46) 2-Chloronaphthalene	9.36	162	908726	42.11	ng	99
47) 2-Nitroaniline	9.45	65	350398	41.77	ng #	67
48) Acenaphthylene	9.77	152	1361383	39.44	ng	100
49) Dimethylphthalate	9.63	163	941304	35.23	ng	99
50) 2,6-Dinitrotoluene	9.69	165	215863	38.98	ng	98
51) Acenaphthene	9.94	154	806800	36.82	ng	100
52) 3-Nitroaniline	9.86	138	282489	45.85	ng #	70
53) 2,4-Dinitrophenol	9.95	184	94686	36.10	ng	95
54) Dibenzofuran	10.11	168	1152151	38.75	ng	95
55) 4-Nitrophenol	10.01	139	167020	36.03	ng #	81
56) 2,4-Dinitrotoluene	10.09	165	279728	37.35	ng	97
57) Fluorene	10.45	166	972341	40.55	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	242104	36.47	ng #	93
59) Diethylphthalate	10.33	149	1016882	37.38	ng	97
60) 4-Chlorophenyl-phenylether	10.44	204	424978	36.46	ng #	74
61) 4-Nitroaniline	10.46	138	228542	38.87	ng	91
62) Azobenzene	10.60	77	1094267	35.67	ng	88
64) 4,6-Dinitro-2-methylphenol	10.50	198	178720	45.21	ng	93
65) n-Nitrosodiphenylamine	10.57	169	906267	40.22	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	272145	36.64	ng #	75
67) Hexachlorobenzene	11.00	284	298250	36.22	ng #	83
68) Atrazine	11.09	200	283031	38.40	ng	97
69) Pentachlorophenol	11.20	266	202313	37.25	ng	98
70) Phenanthrene	11.41	178	1518885	41.09	ng	99
71) Anthracene	11.46	178	1346846	36.19	ng	99
72) Carbazole	11.62	167	1375815	42.44	ng	97
73) Di-n-butylphthalate	11.96	149	1653101	40.05	ng #	96
74) Fluoranthene	12.60	202	1555893	41.17	ng	93
76) Benzidine	12.72	184	660576	24.96	ng	100
77) Pyrene	12.82	202	1501099	34.54	ng	99
79) Butylbenzylphthalate	13.45	149	722477	37.95	ng	99
80) Benzo(a)anthracene	14.01	228	1429886	38.35	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	477097	37.14	ng	100
82) Chrysene	14.05	228	1460385	43.21	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1057774	42.86	ng #	99
84) Di-n-octyl phthalate	14.64	149	1663089	43.20	ng	97
85) Indeno(1,2,3-cd)pyrene	16.87	276	1099743	39.43	ng	99
87) Benzo(b)fluoranthene	15.08	252	2359484	67.90	ng #	98
88) Benzo(k)fluoranthene	15.08	252	2360266	89.15	ng #	97
89) Benzo(a)pyrene	15.40	252	1057766	38.65	ng	98
90) Dibenzo(a,h)anthracene	16.88	278	913722	35.78	ng	99
91) Benzo(g,h,i)perylene	17.29	276	869373	35.13	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

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SSTDCCC040

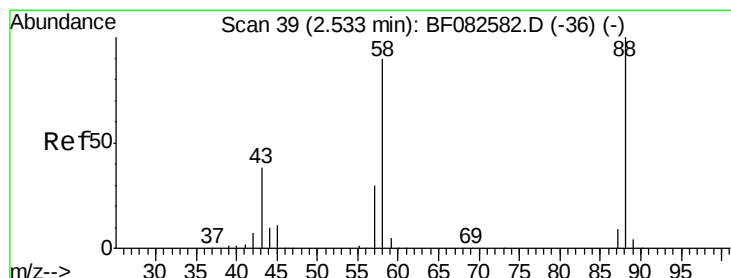
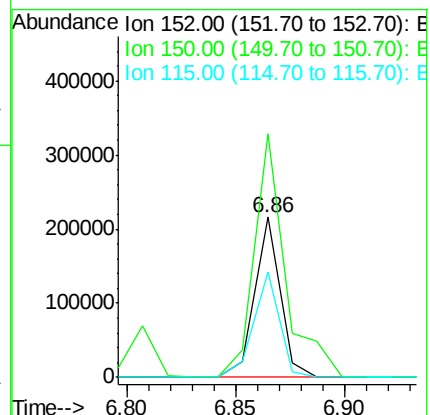
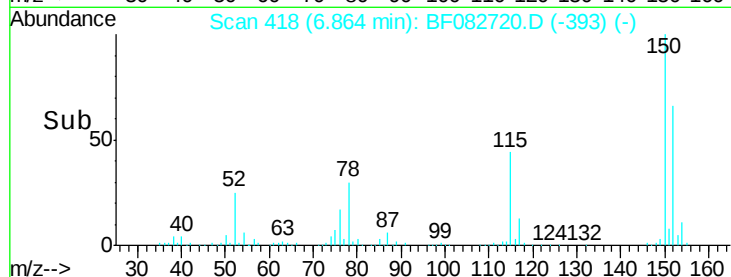
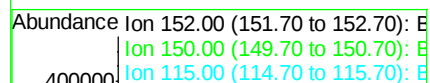
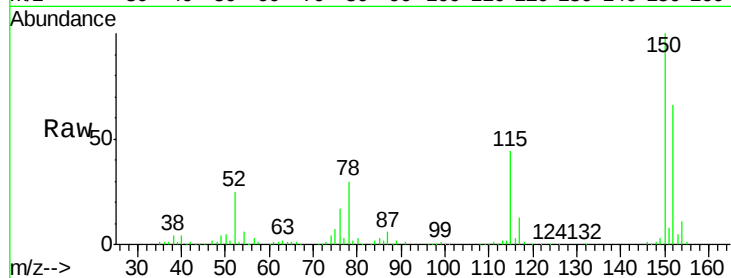
Tgt Ion: 152 Resp: 176035

Ion Ratio Lower Upper

152 100

150 152.0 127.0 190.4

115 66.2 47.0 70.6



#2

1,4-Dioxane

Concen: 32.04 ng

RT: 2.44 min Scan# 31

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

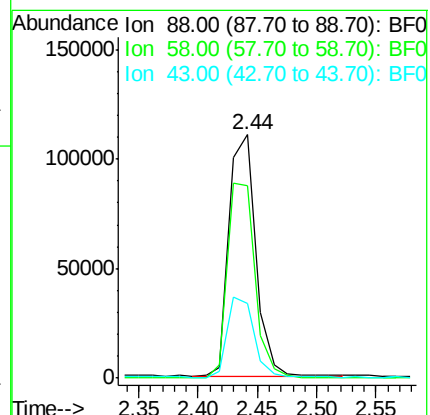
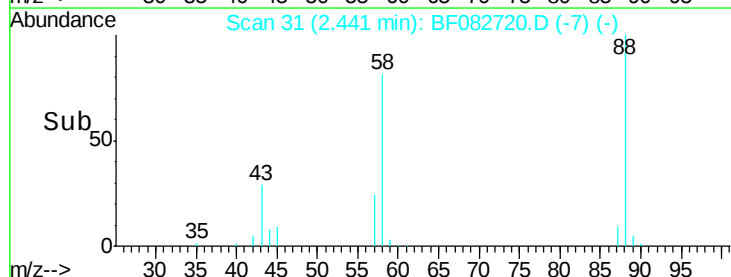
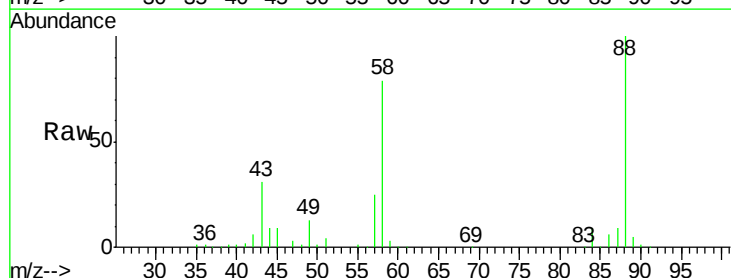
Tgt Ion: 88 Resp: 173115

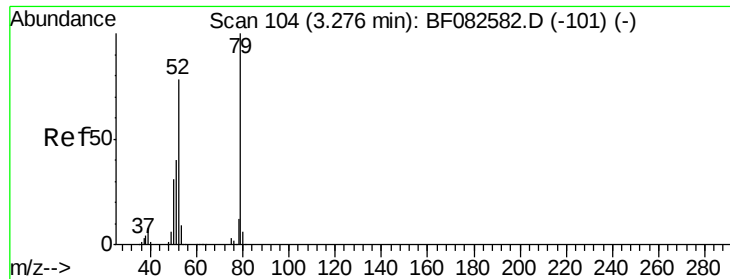
Ion Ratio Lower Upper

88 100

58 82.5 62.0 93.0

43 33.3 26.6 40.0





#3

Pyridine

Concen: 34.90 ng

RT: 3.16 min Scan# 94

Delta R.T. -0.03 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

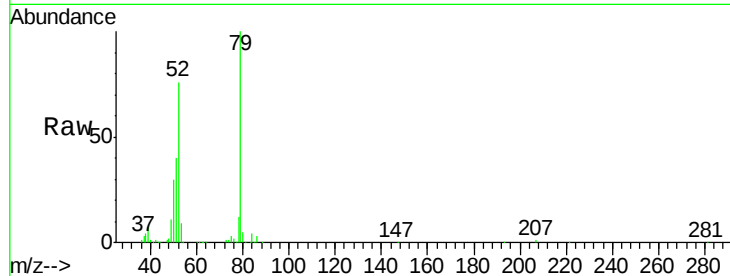
Tgt Ion: 79 Resp: 552820

Ion Ratio Lower Upper

79 100

52 75.5 62.8 94.2

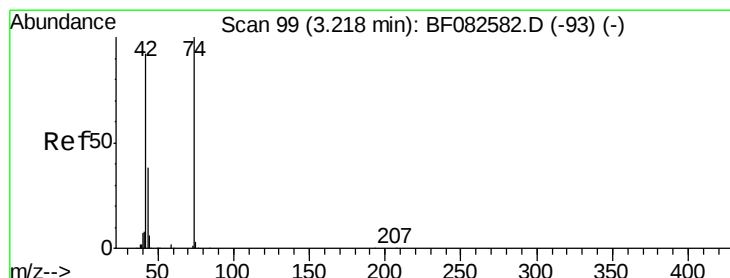
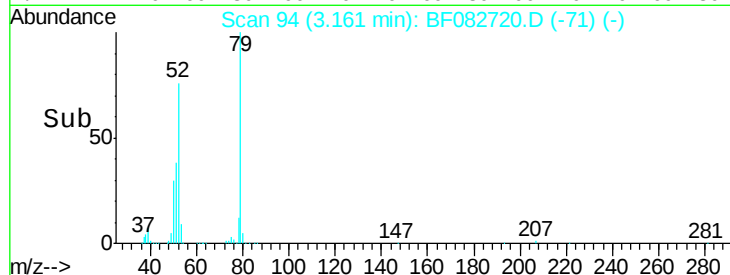
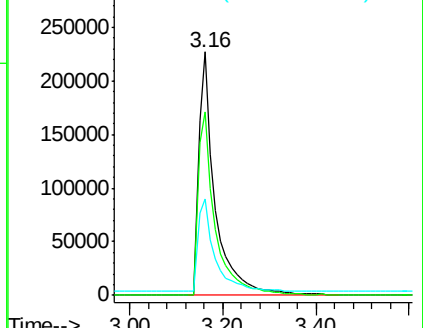
51 39.6 32.0 48.0



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: 28.80 ng

RT: 3.10 min Scan# 89

Delta R.T. -0.03 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

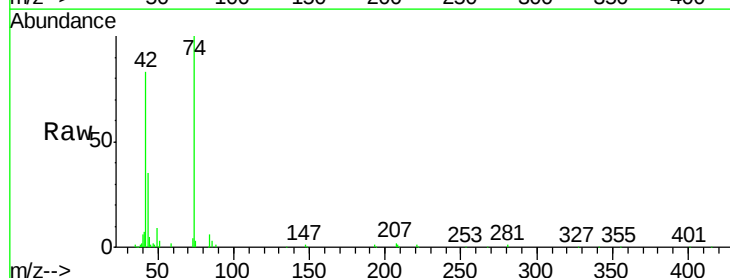
Tgt Ion: 42 Resp: 256801

Ion Ratio Lower Upper

42 100

74 120.8 87.0 130.4

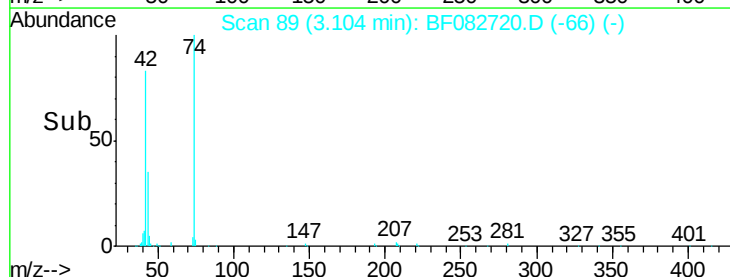
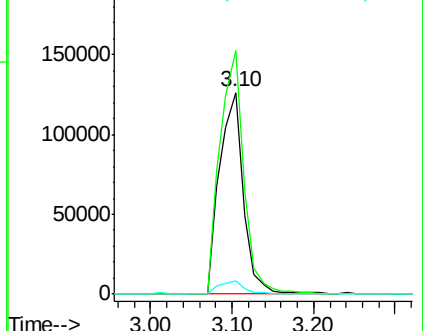
44 6.6 5.8 8.8

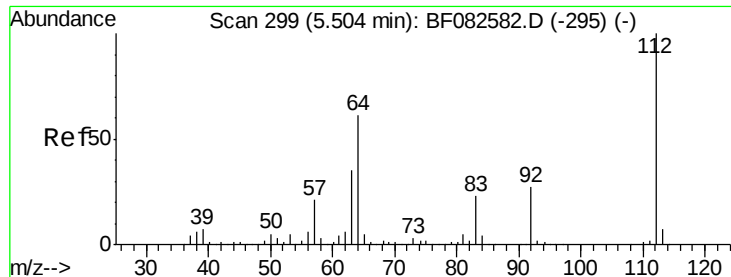


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 73.84 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

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ClientSampleId :

SSTDCCC040

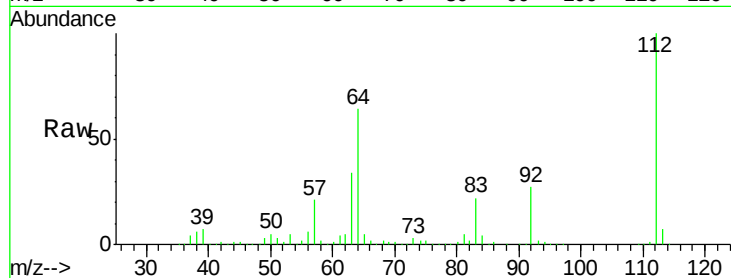
Tgt Ion: 112 Resp: 863034

Ion Ratio Lower Upper

112 100

64 64.0 48.9 73.3

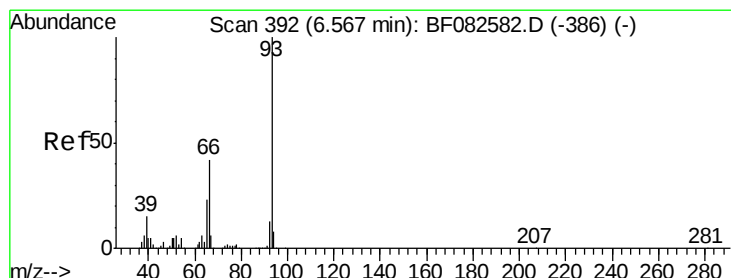
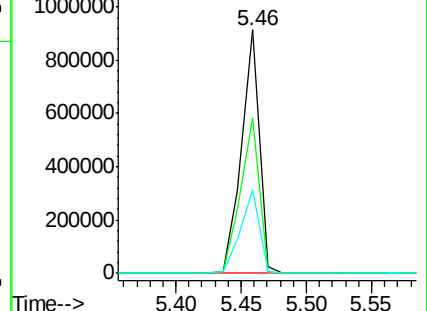
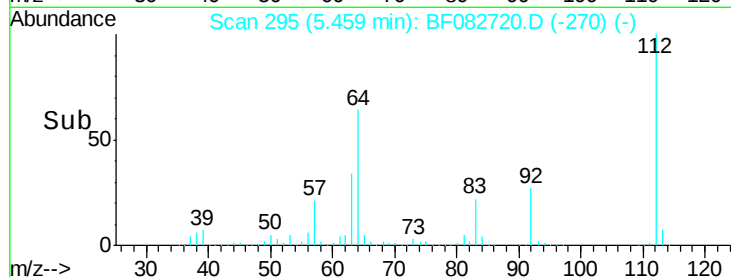
63 34.3 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.88 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

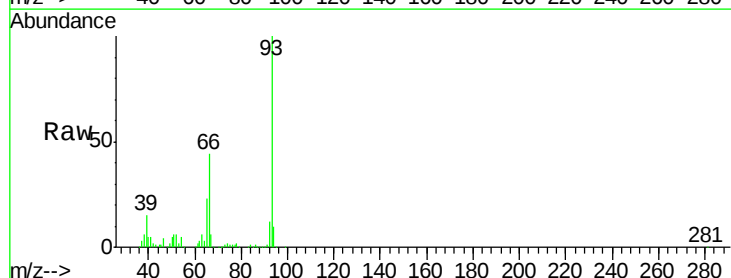
Tgt Ion: 93 Resp: 732550

Ion Ratio Lower Upper

93 100

66 43.7 33.6 50.4

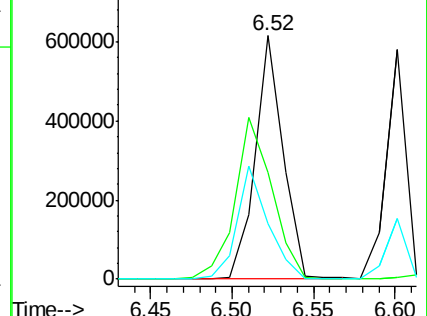
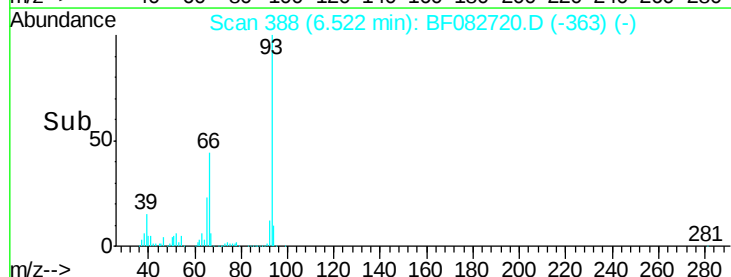
65 22.8 18.1 27.1

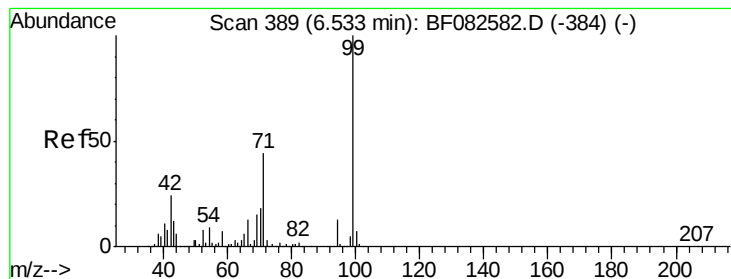


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 71.32 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

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ClientSampleId :

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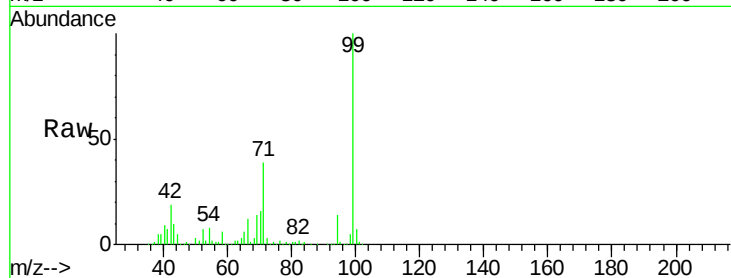
Tgt Ion: 99 Resp: 1107401

Ion Ratio Lower Upper

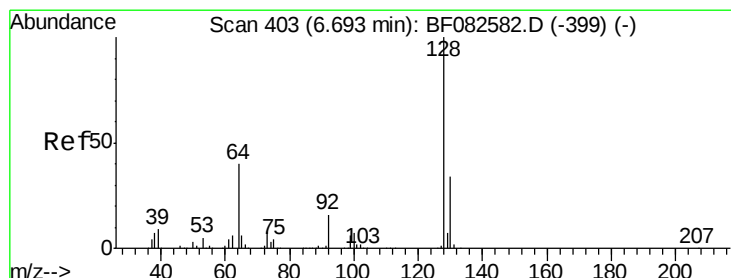
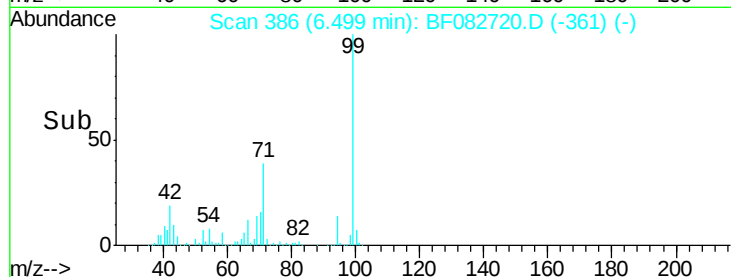
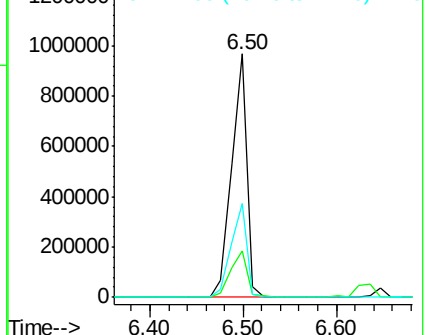
99 100

42 19.3 19.2 28.8

71 38.8 35.0 52.4



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



#8

2-Chlorophenol

Concen: 35.80 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

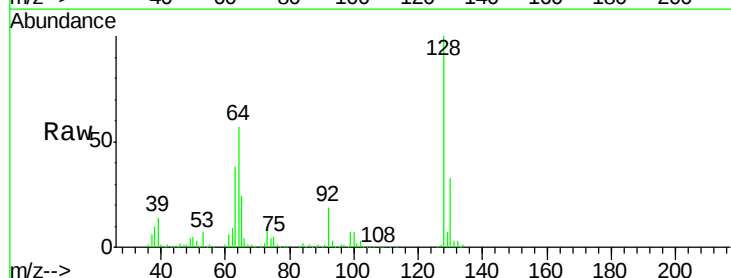
Tgt Ion: 128 Resp: 452781

Ion Ratio Lower Upper

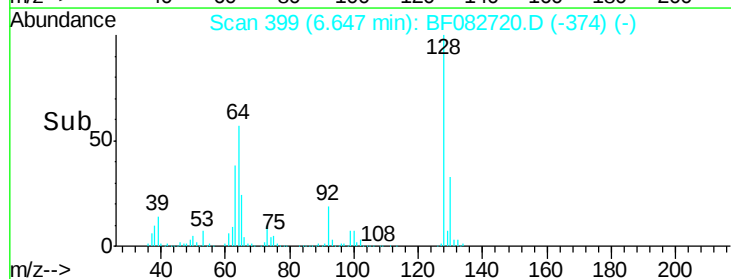
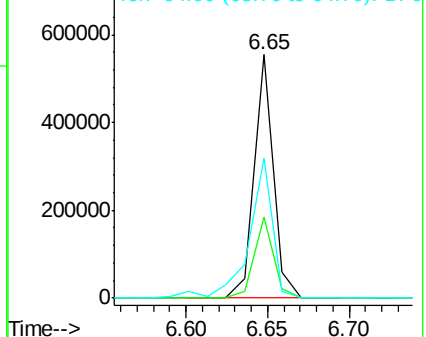
128 100

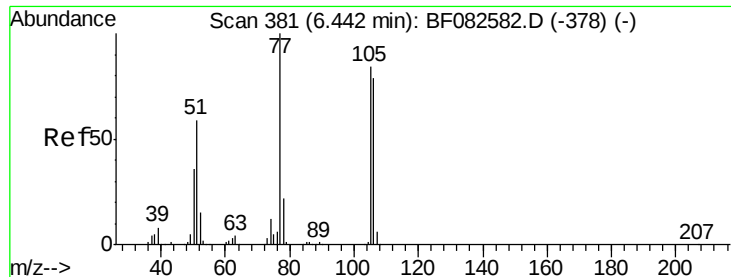
130 33.2 13.5 53.5

64 57.3 21.1 61.1



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: 31.68 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

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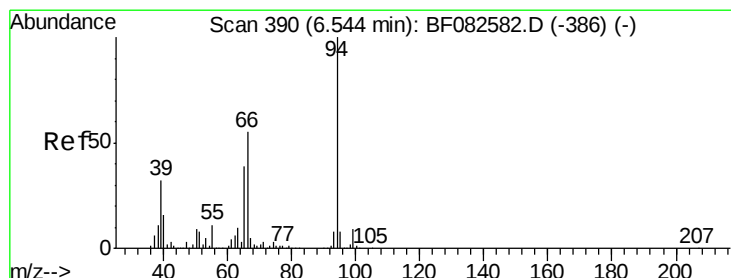
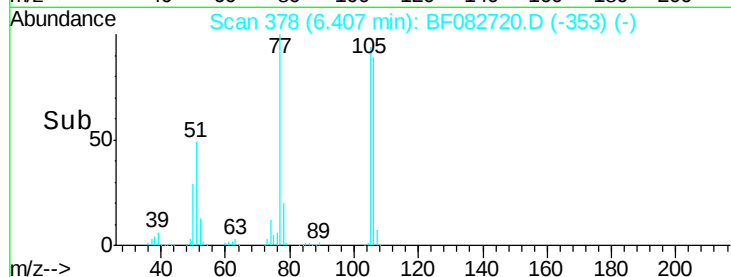
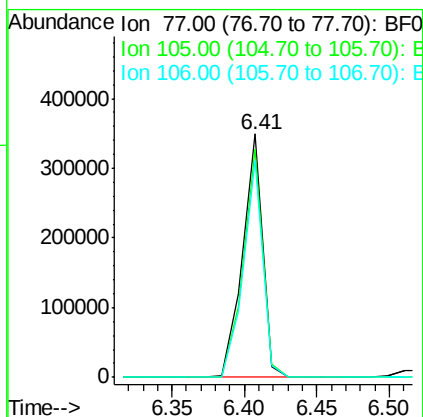
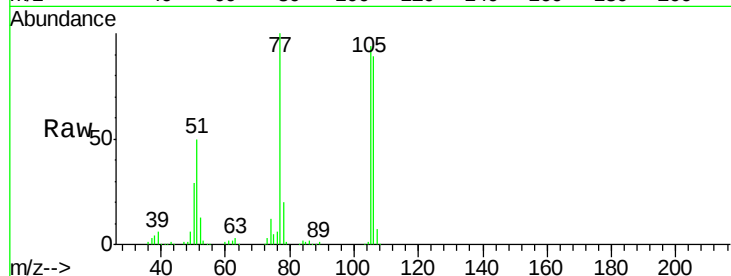
Tgt Ion: 77 Resp: 335801

Ion Ratio Lower Upper

77 100

105 93.8 63.5 103.5

106 89.2 59.3 99.3



#10

Phenol

Concen: 37.95 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

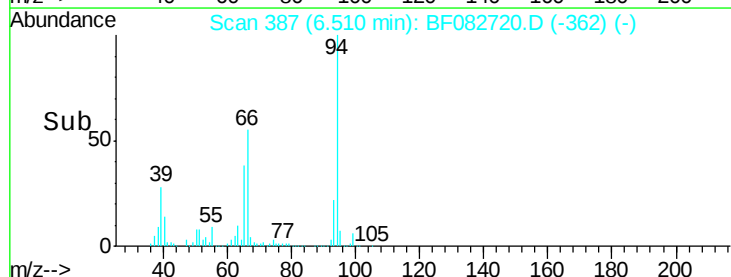
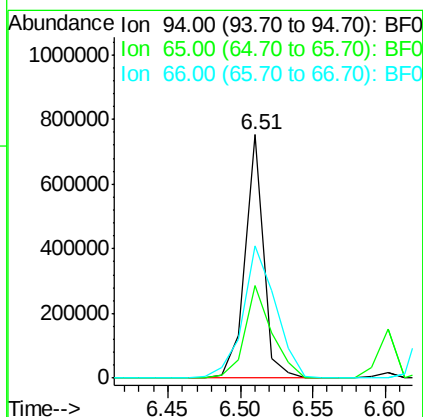
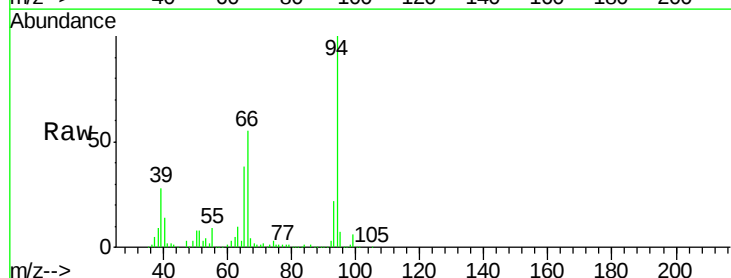
Tgt Ion: 94 Resp: 667721

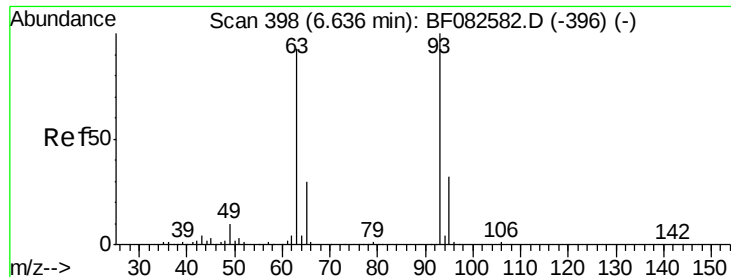
Ion Ratio Lower Upper

94 100

65 38.0 18.9 58.9

66 54.5 34.9 74.9

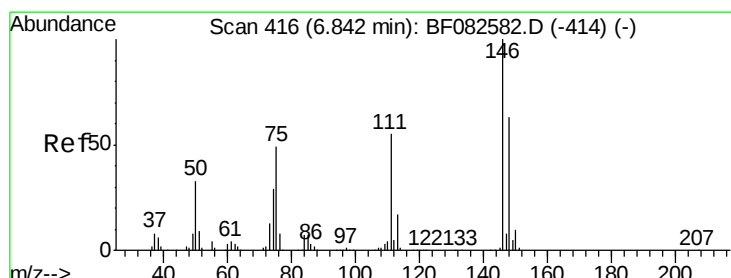
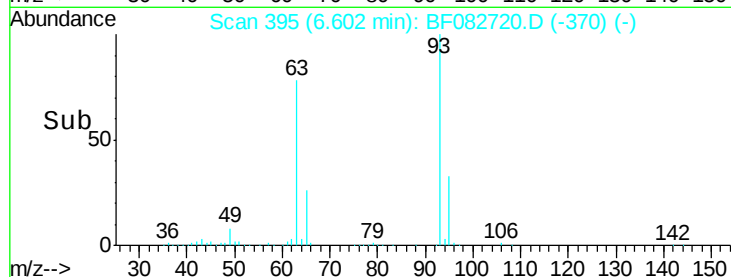
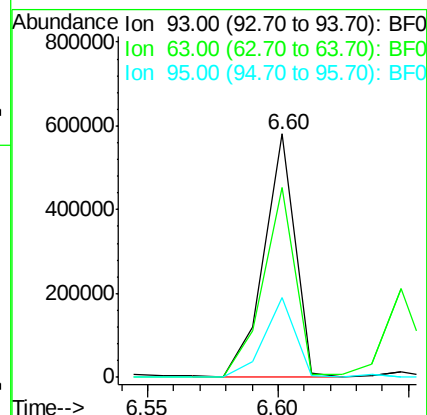
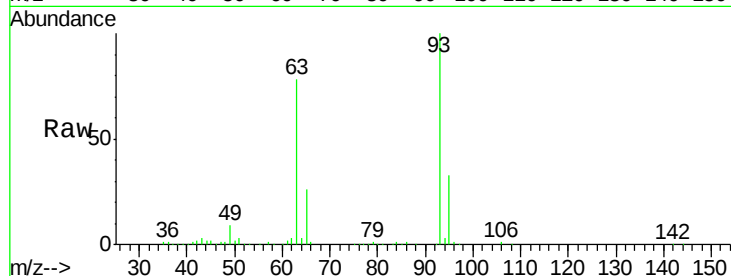




#11
bis(2-Chloroethyl)ether
Concen: 37.38 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

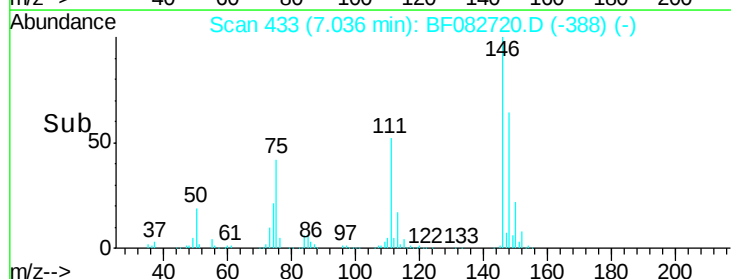
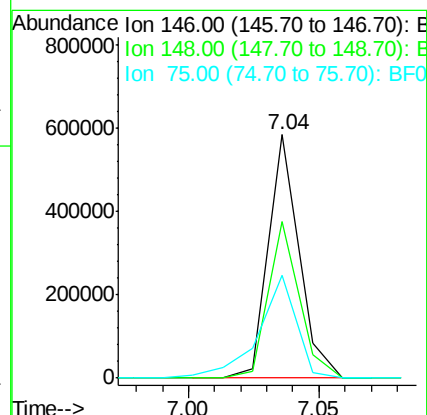
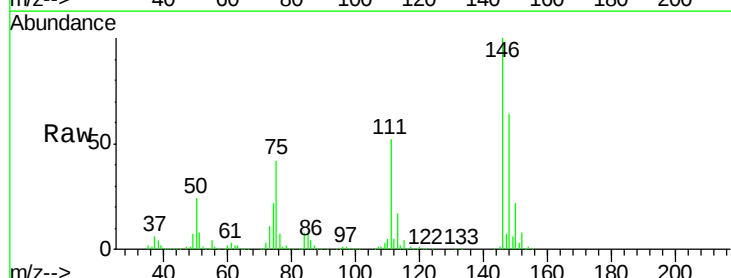
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

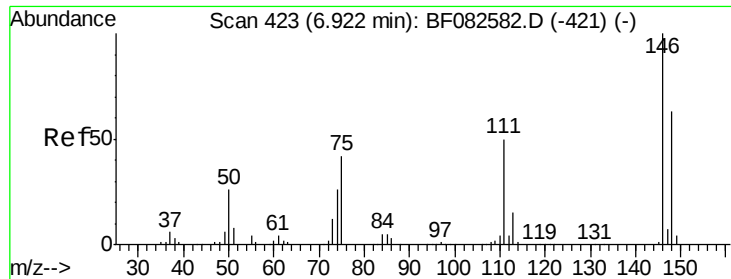
Tgt Ion: 93 Resp: 485204
Ion Ratio Lower Upper
93 100
63 77.8 72.7 112.7
95 32.9 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 32.86 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.22 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Tgt Ion: 146 Resp: 473932
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
75 42.5 39.5 59.3

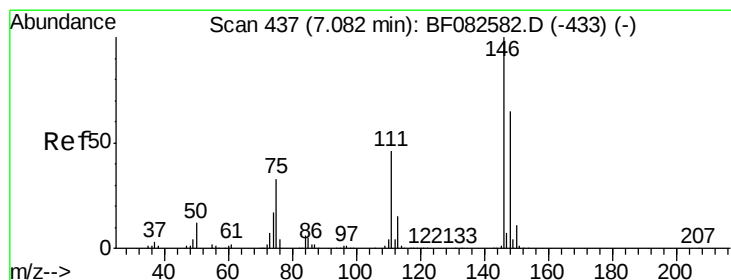
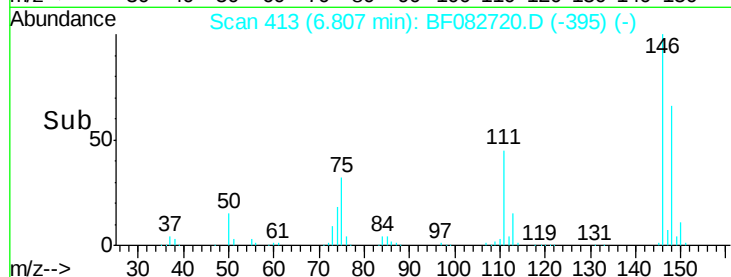
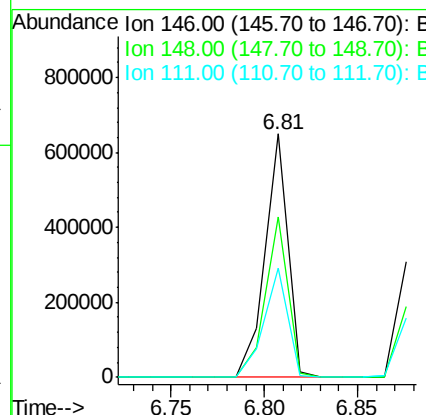
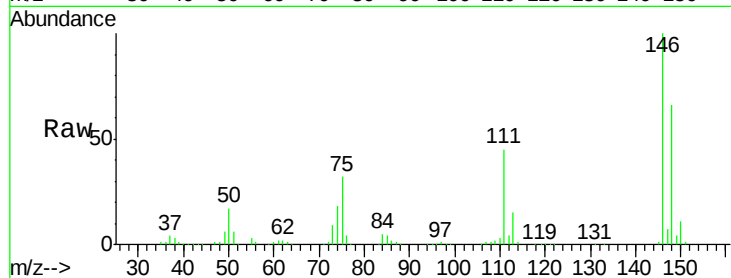




#13
 1,4-Dichlorobenzene
 Concen: 38.19 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.09 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

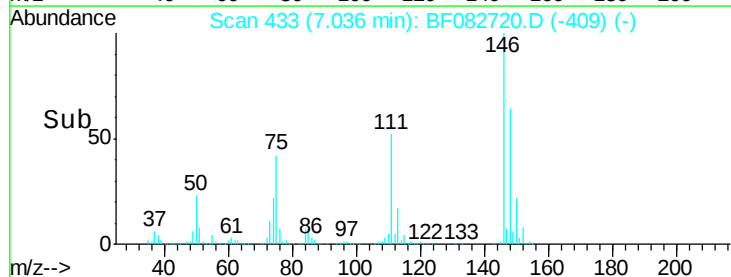
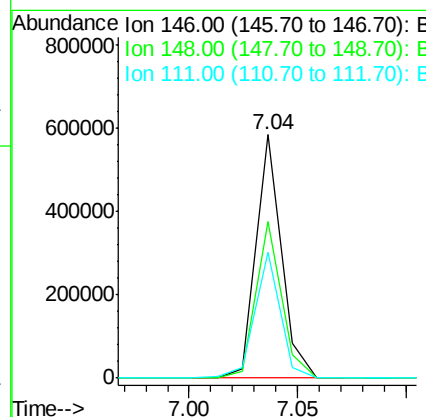
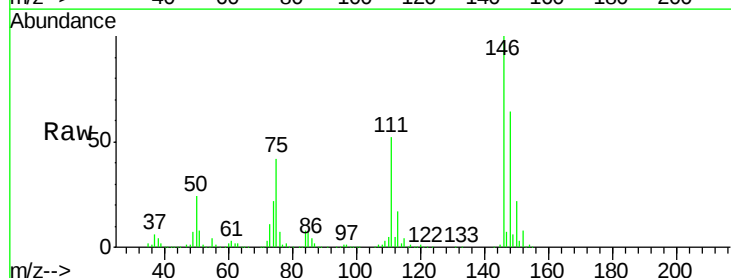
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

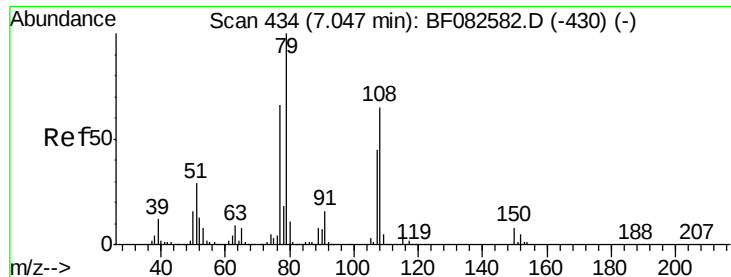
Tgt Ion:146 Resp: 546226
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.8 76.2
 111 44.7 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 35.70 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Tgt Ion:146 Resp: 473955
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.4
 111 51.7 36.6 55.0





#15

Benzyl Alcohol

Concen: 32.80 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

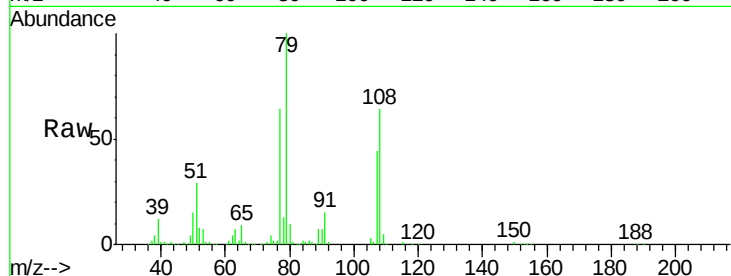
Tgt Ion: 79 Resp: 474982

Ion Ratio Lower Upper

79 100

108 63.9 52.2 78.4

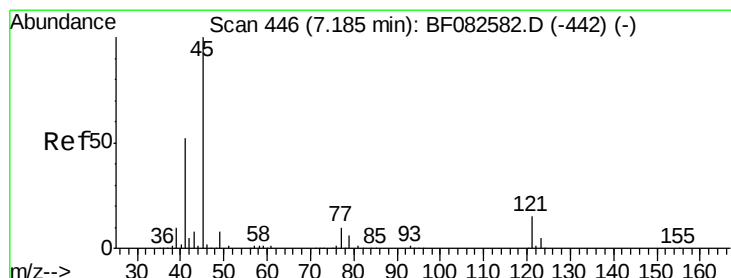
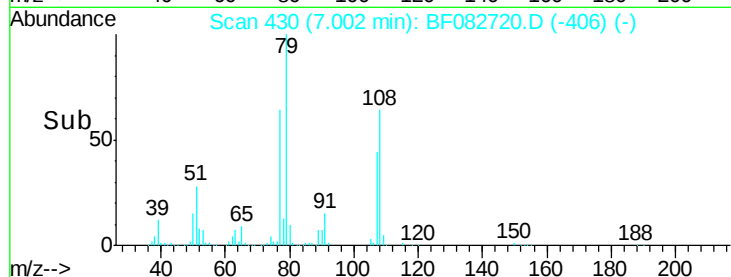
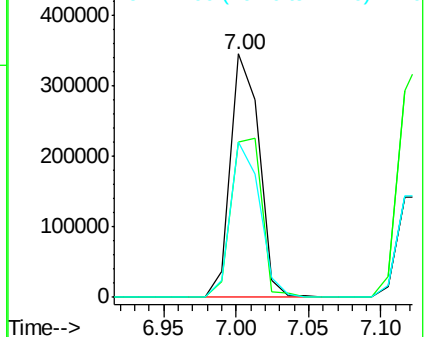
77 63.6 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.23 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

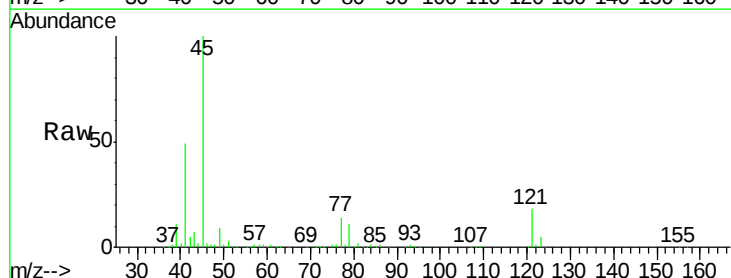
Tgt Ion: 45 Resp: 664758

Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.6

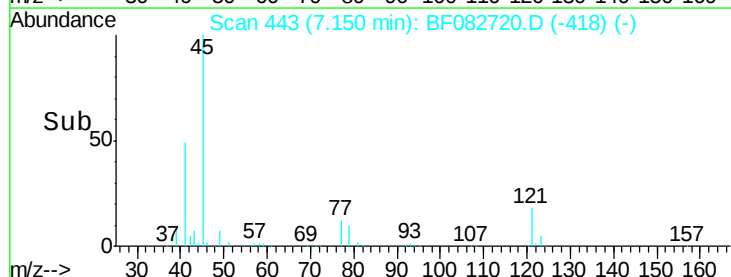
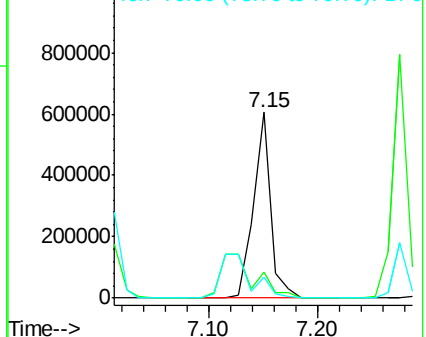
79 11.0 0.0 29.2

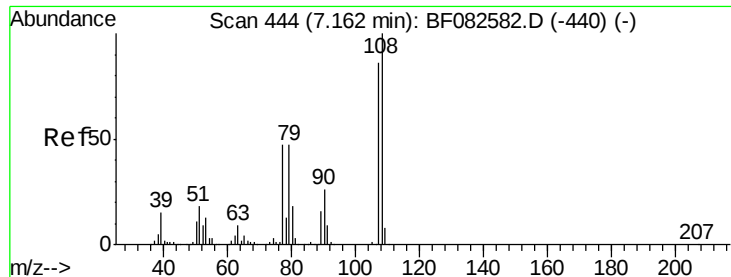


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.33 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 401351

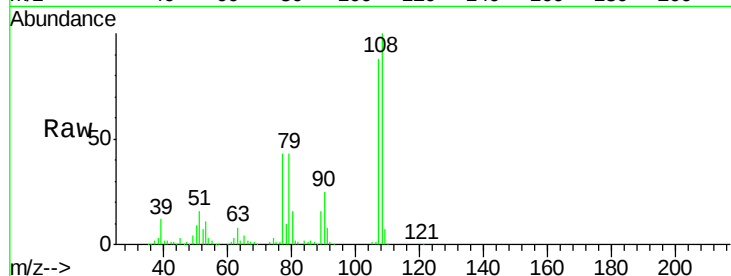
Ion Ratio Lower Upper

107 100

108 113.7 93.0 139.4

77 48.6 44.1 66.1

79 48.4 43.6 65.4

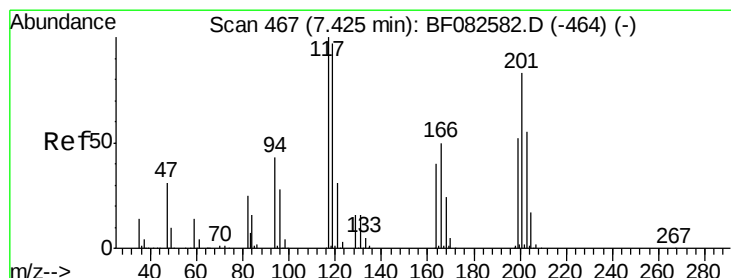
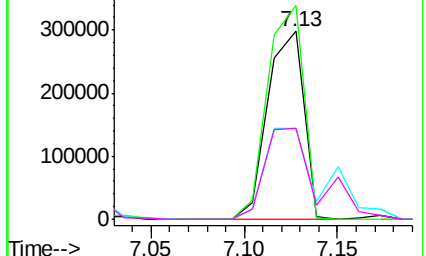
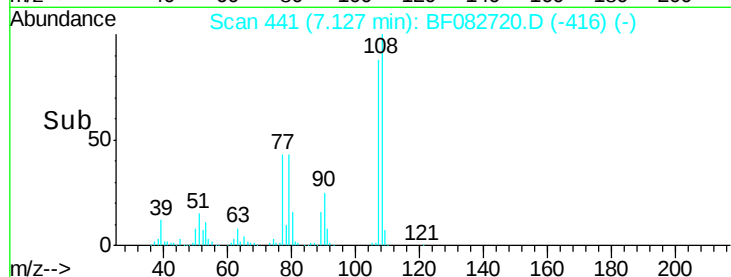


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.23 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

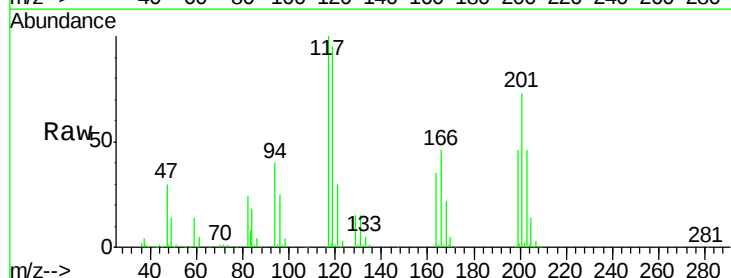
Tgt Ion:117 Resp: 191024

Ion Ratio Lower Upper

117 100

119 95.2 77.7 116.5

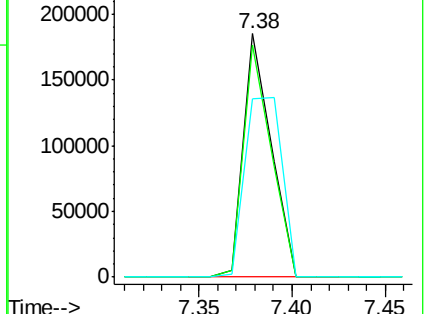
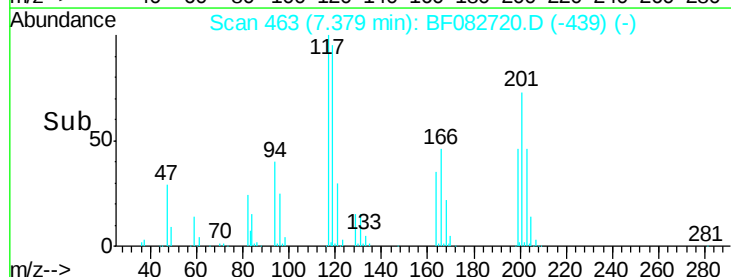
201 73.0 66.7 100.1

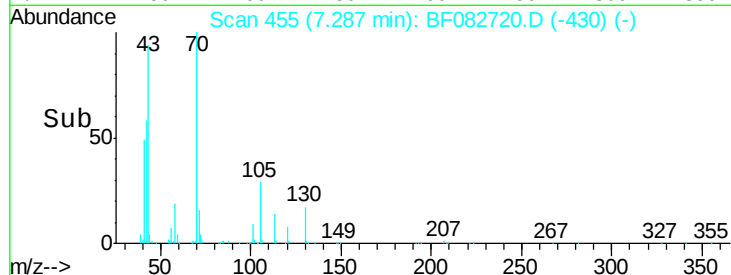
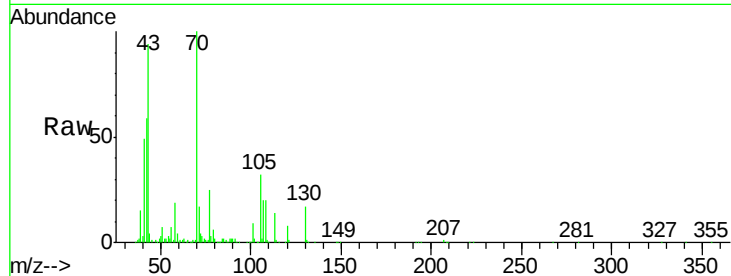
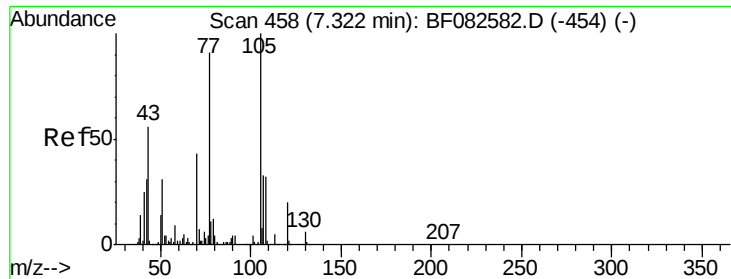


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

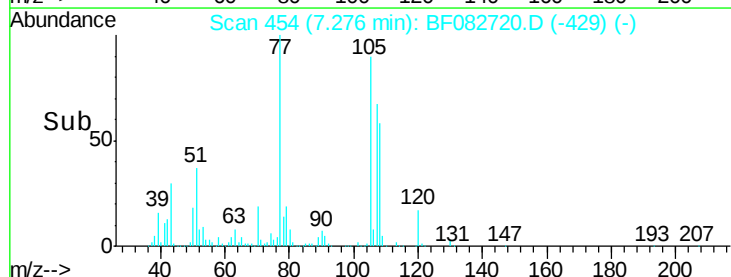
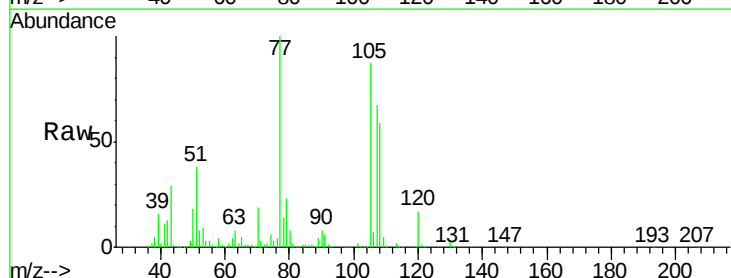
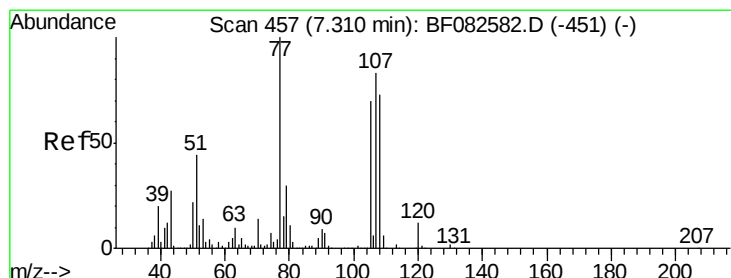
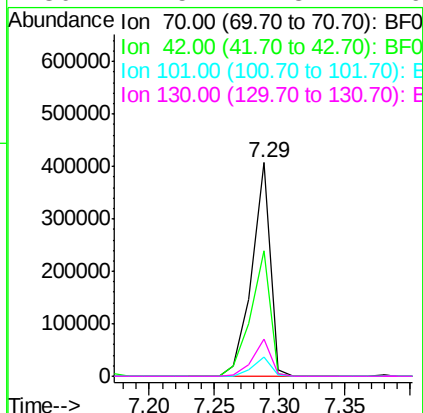




#19
n-Nitroso-di-n-propylamine
Concen: 34.33 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

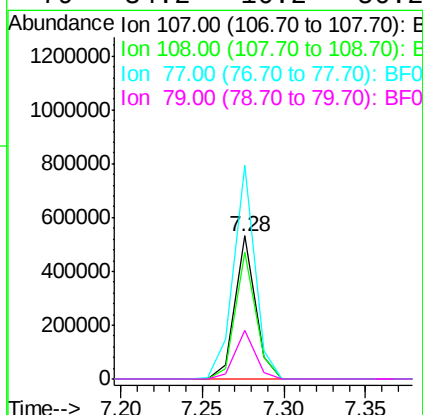
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

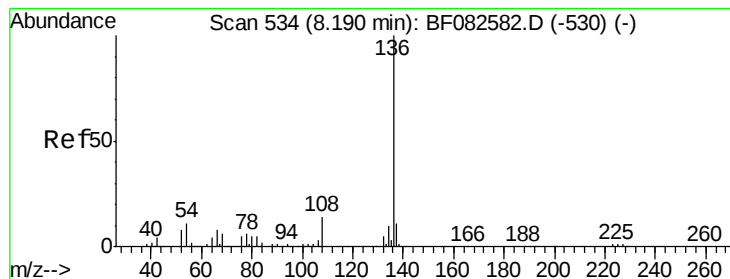
Tgt Ion:	70	Resp:	404063
Ion	Ratio	Lower	Upper
70	100		
42	58.8	57.7	86.5
101	9.0	7.0	10.6
130	17.5	11.8	17.6



#20
3+4-Methylphenols
Concen: 32.74 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Tgt Ion:	107	Resp:	457481
Ion	Ratio	Lower	Upper
107	100		
108	88.1	67.3	107.3
77	149.2	100.3	140.3#
79	34.2	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

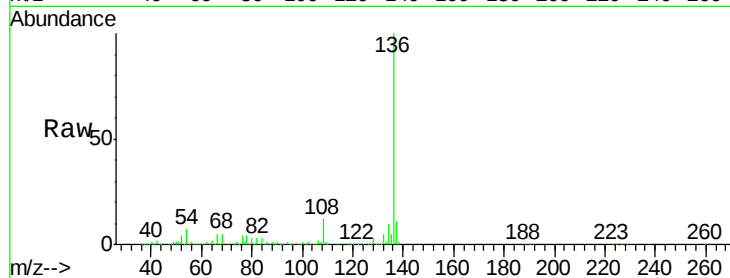
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	136	Resp:	671401
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	6.8	9.1	13.7#
68	4.6	4.8	7.2#



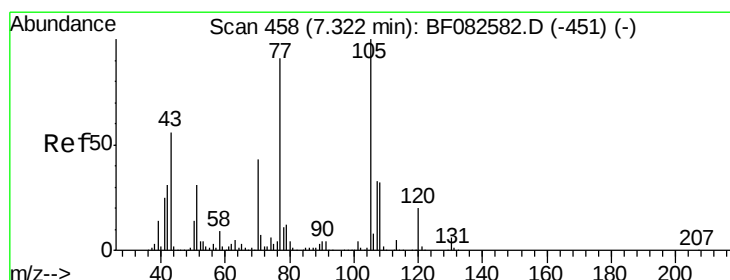
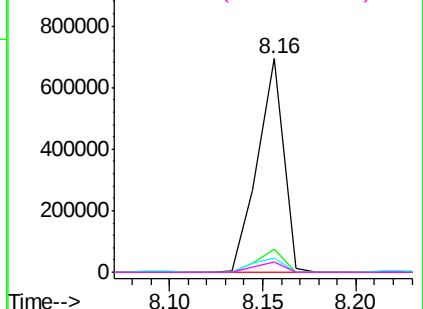
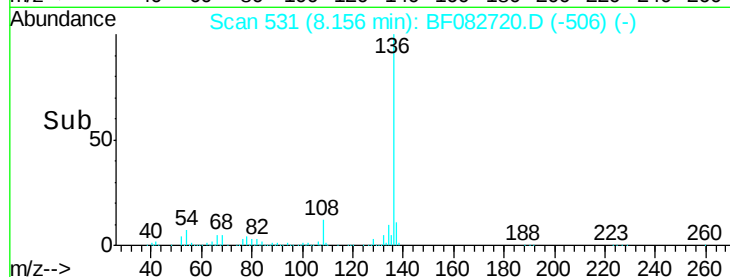
Abundance

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: 33.47 ng

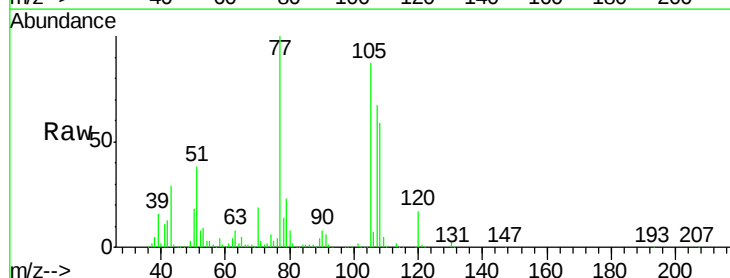
RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Tgt Ion:	105	Resp:	661669
Ion Ratio	Lower	Upper	
105	100		
71	3.6	5.6	8.4#
51	43.4	24.9	37.3#
120	19.3	15.8	23.8



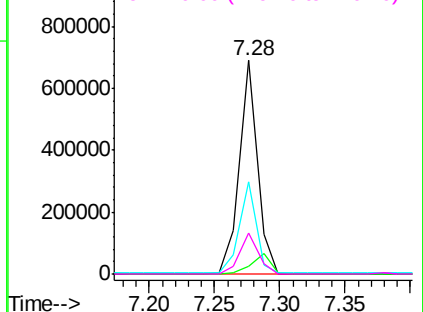
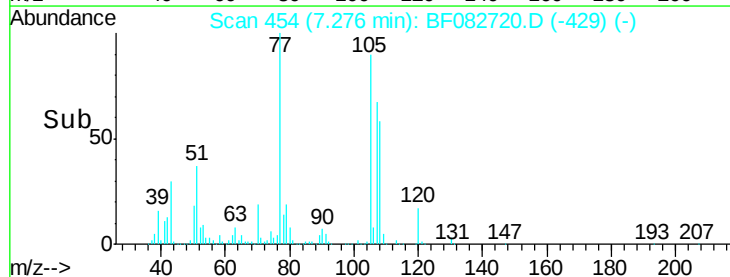
Abundance

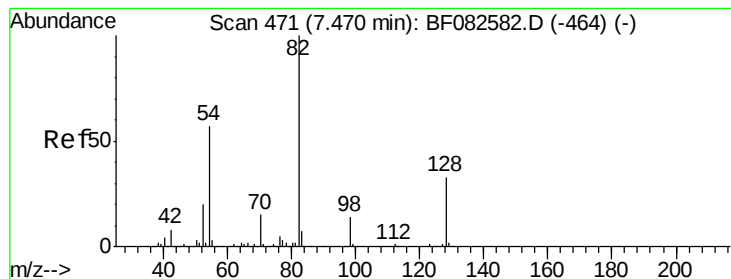
Ion 105.00 (104.70 to 105.70): E

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: 70.28 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

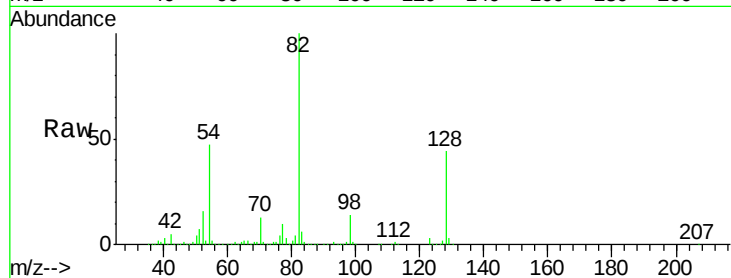
Tgt Ion: 82 Resp: 1155502

Ion Ratio Lower Upper

82 100

128 44.1 26.8 40.2#

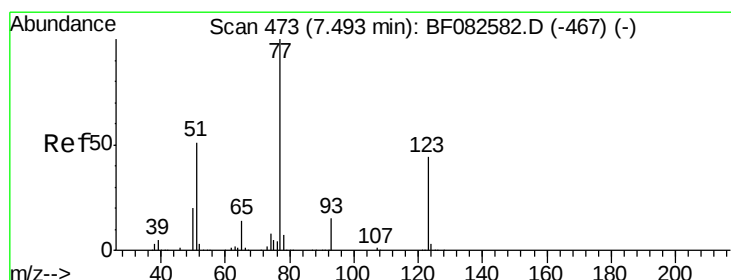
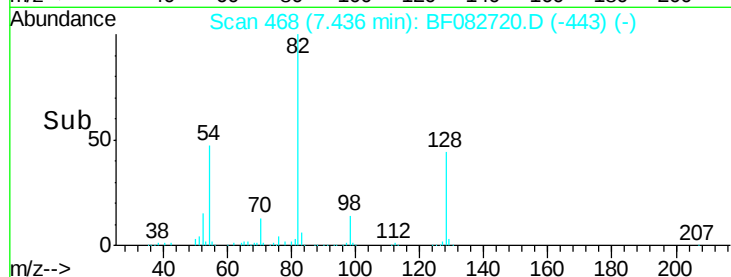
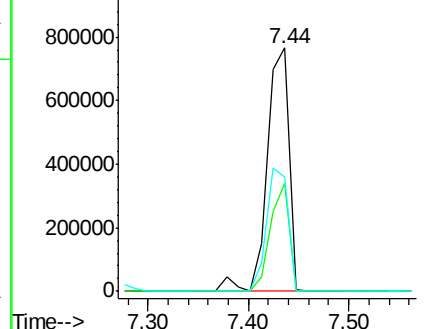
54 46.9 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 32.34 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

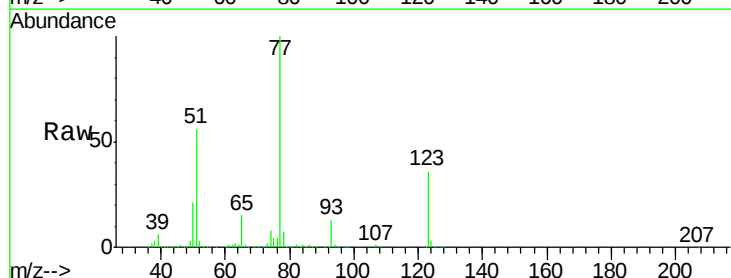
Tgt Ion: 77 Resp: 537404

Ion Ratio Lower Upper

77 100

123 36.3 36.4 54.6#

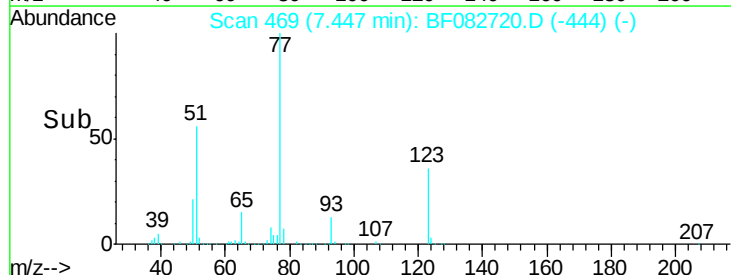
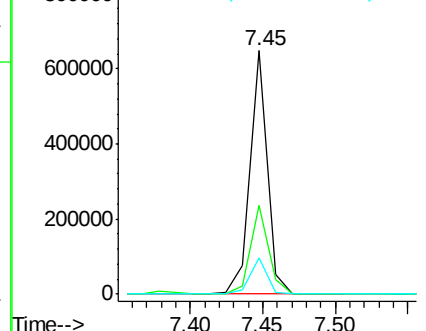
65 14.9 11.5 17.3

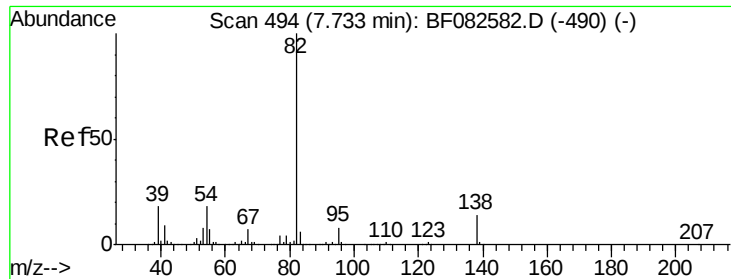


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.02 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

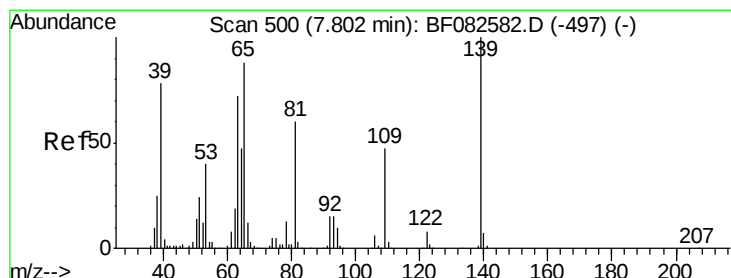
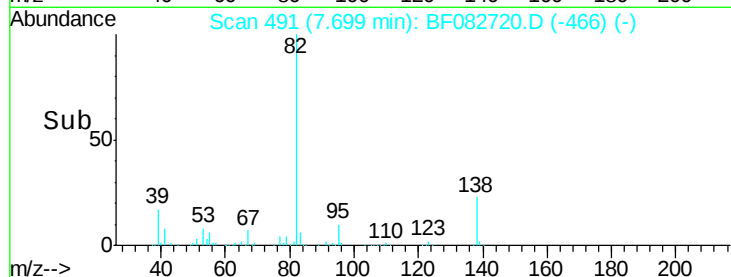
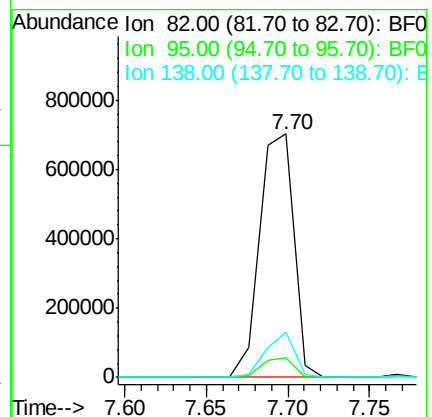
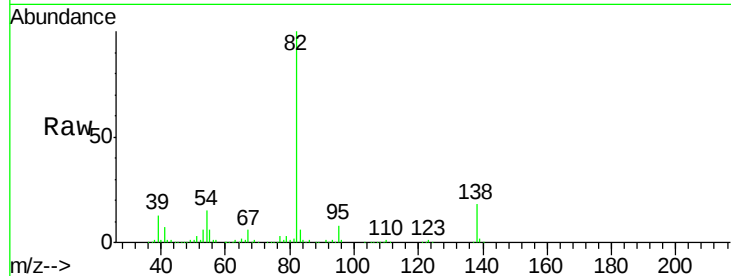
Tgt Ion: 82 Resp: 1029132

Ion Ratio Lower Upper

82 100

95 7.8 6.6 9.8

138 18.4 11.4 17.0#



#26

2-Nitrophenol

Concen: 43.81 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

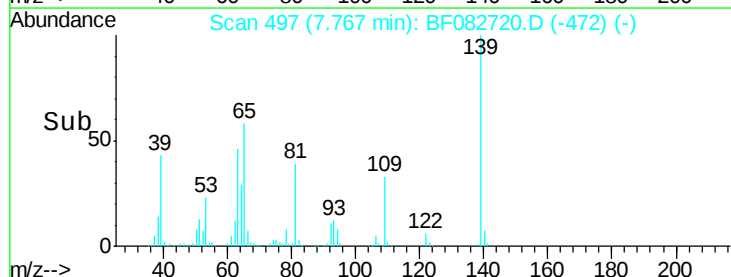
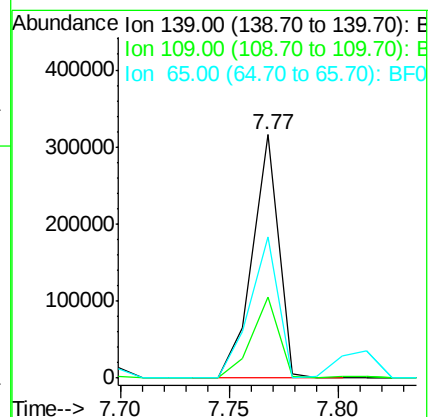
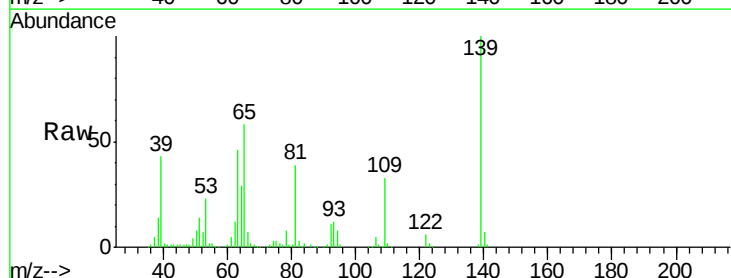
Tgt Ion: 139 Resp: 265974

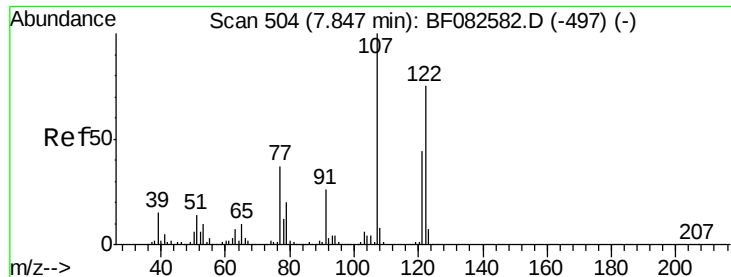
Ion Ratio Lower Upper

139 100

109 33.2 37.6 56.4#

65 58.3 70.6 105.8#

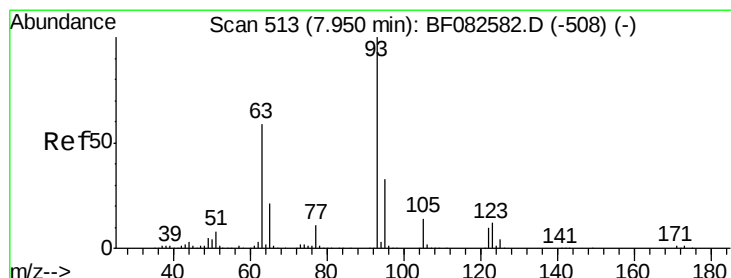
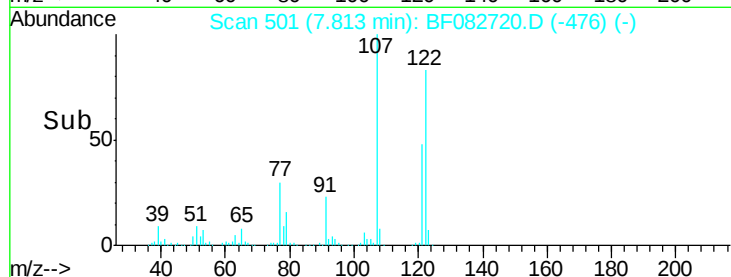
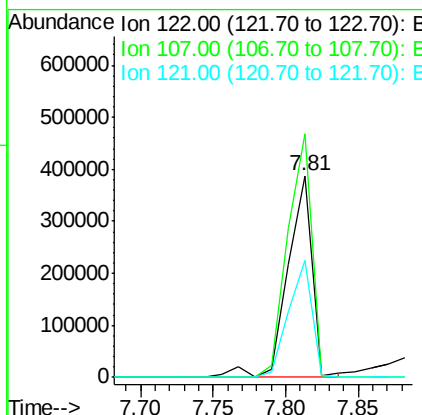
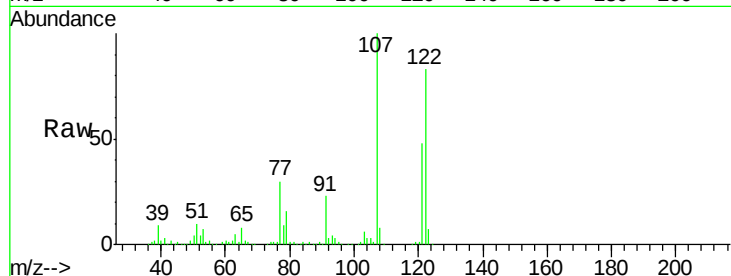




#27
 2,4-Dimethylphenol
 Concen: 38.06 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

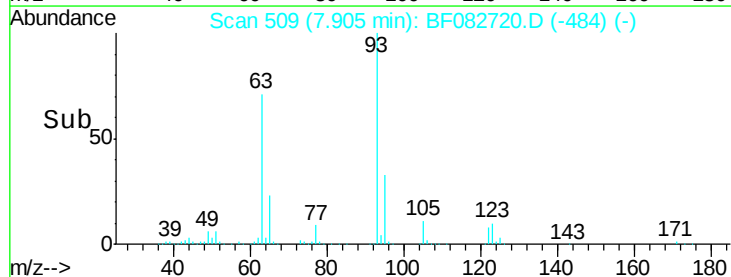
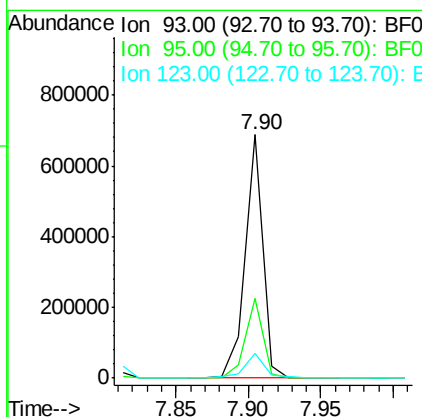
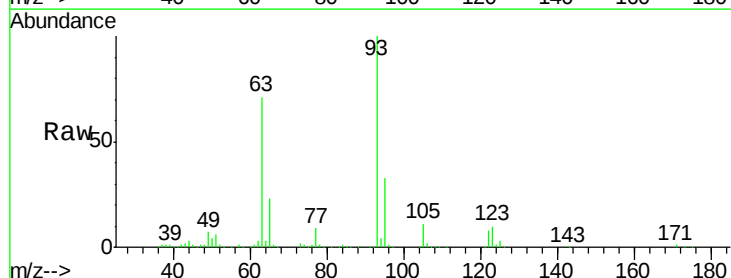
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

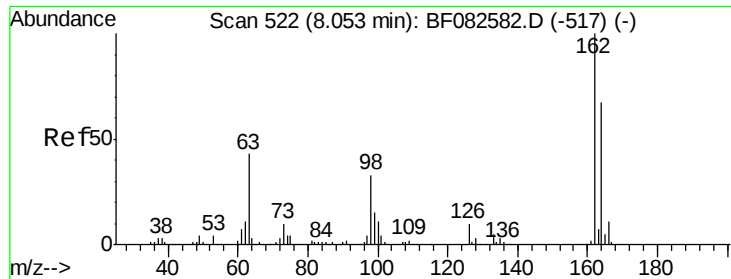
Tgt Ion:122 Resp: 451041
 Ion Ratio Lower Upper
 122 100
 107 120.9 106.0 159.0
 121 58.1 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.07 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Tgt Ion: 93 Resp: 580263
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.6 40.0
 123 10.1 9.7 14.5

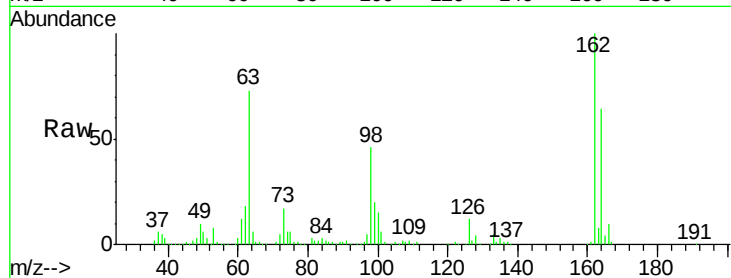




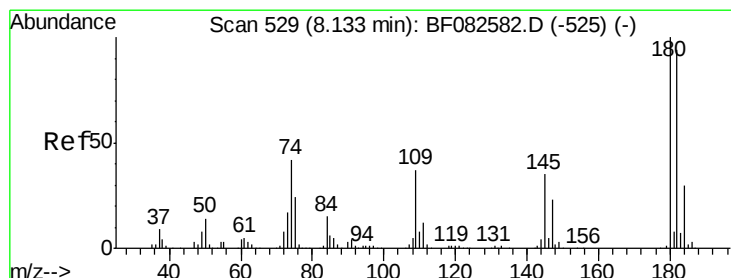
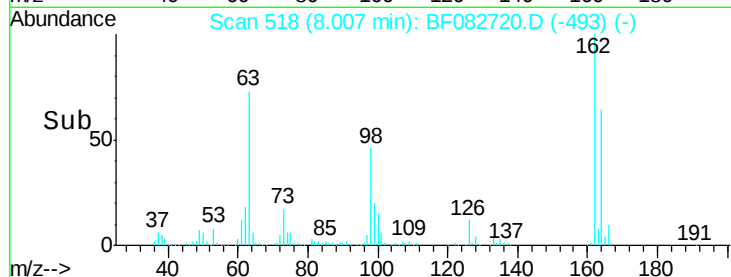
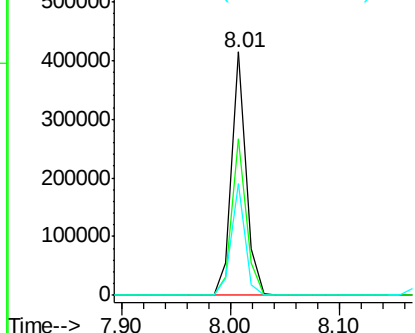
#29
2,4-Dichlorophenol
Concen: 35.25 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 380802
Ion Ratio Lower Upper
162 100
164 64.1 46.8 86.8
98 45.7 12.5 52.5

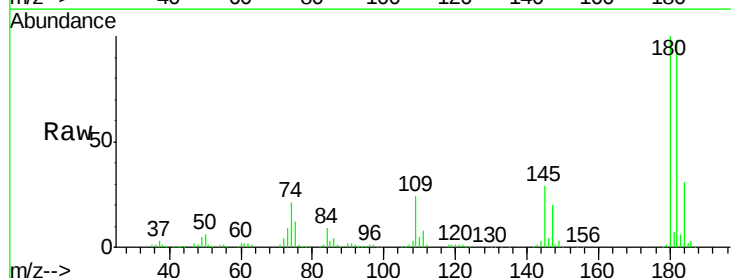


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

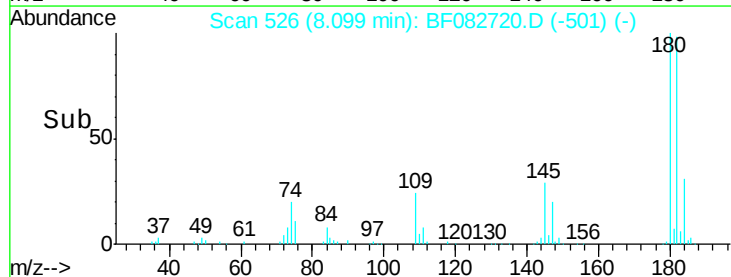
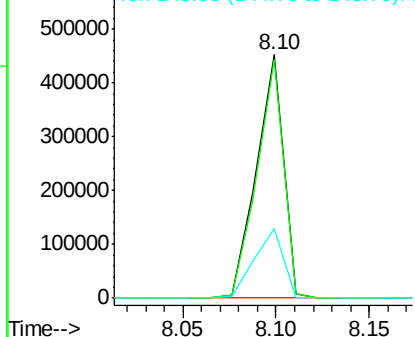


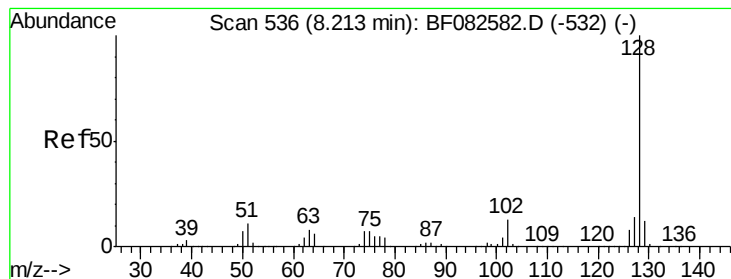
#30
1,2,4-Trichlorobenzene
Concen: 37.63 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Tgt Ion:180 Resp: 451142
Ion Ratio Lower Upper
180 100
182 98.0 74.9 112.3
145 28.7 27.8 41.8



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: 37.84 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

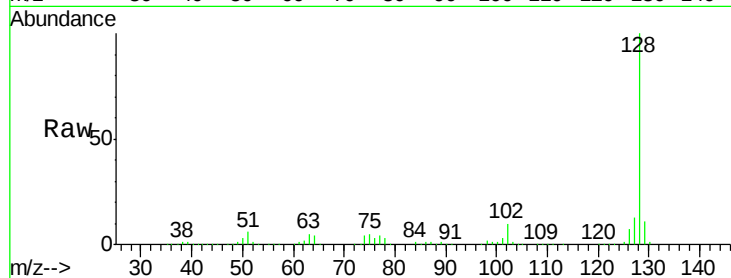
Tgt Ion:128 Resp: 1374546

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

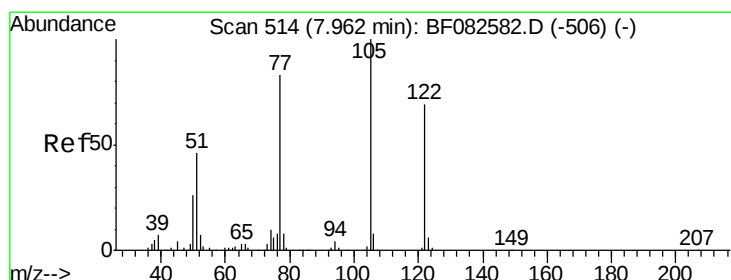
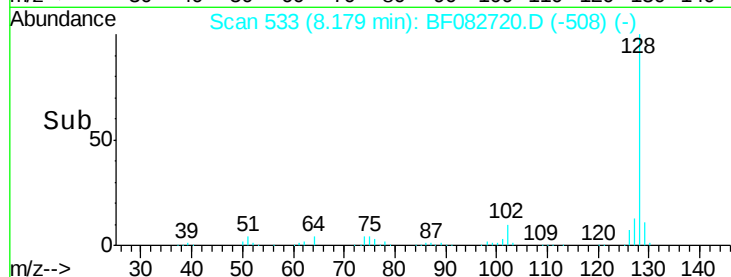
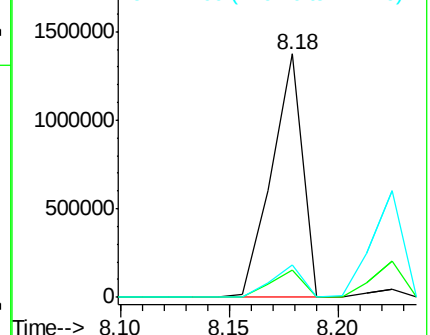
127 13.4 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.04 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

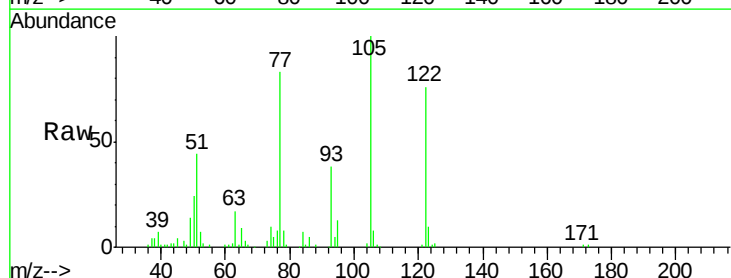
Tgt Ion:122 Resp: 223909

Ion Ratio Lower Upper

122 100

105 132.2 122.6 162.6

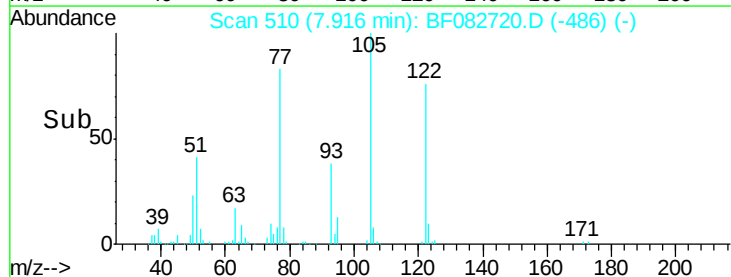
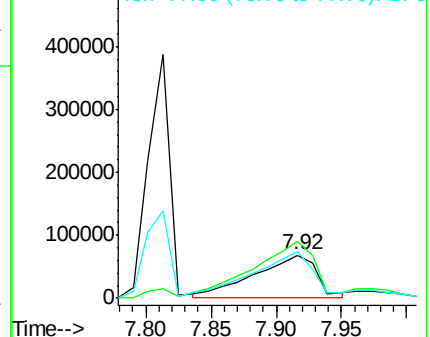
77 109.4 100.9 140.9

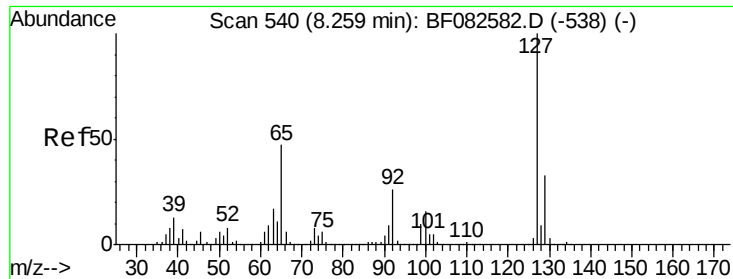


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

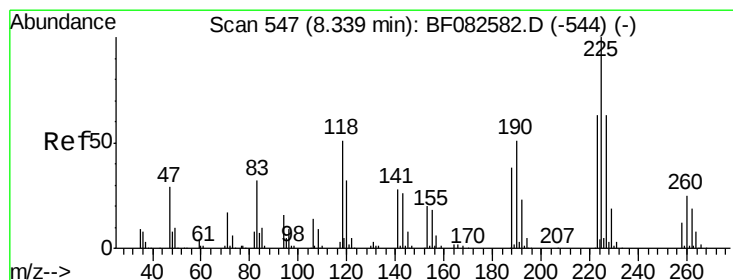
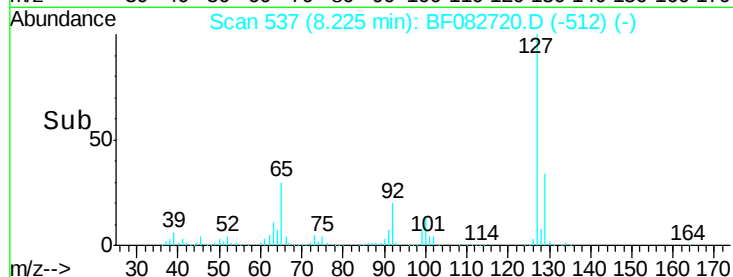
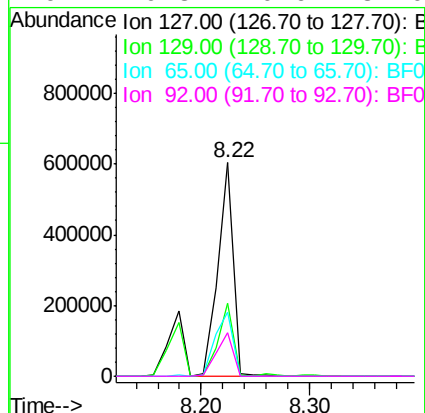
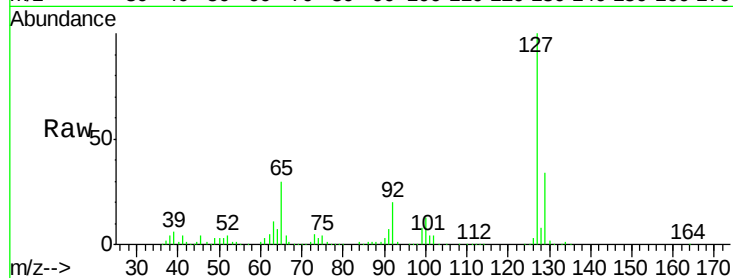




#33
4-Chloroaniline
Concen: 38.77 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

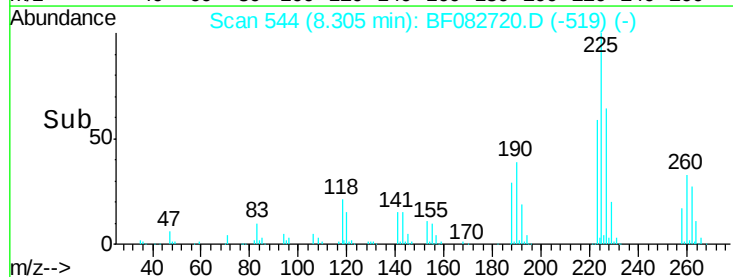
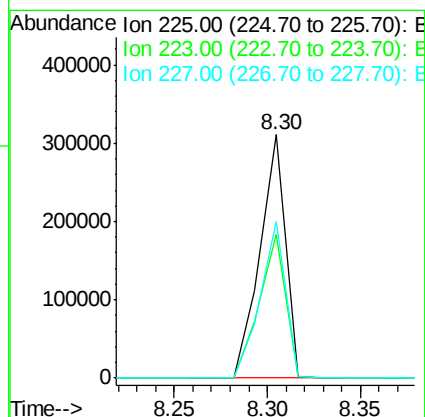
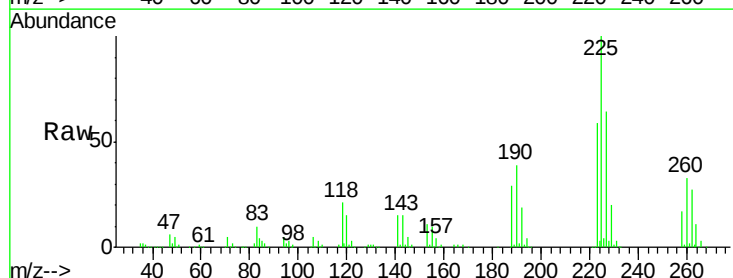
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

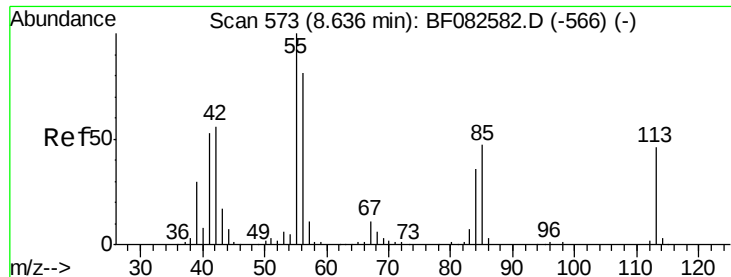
Tgt Ion:	127	Resp:	601286
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.3	39.5
65	29.9	37.8	56.8#
92	20.3	20.6	31.0#



#34
Hexachlorobutadiene
Concen: 38.36 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Tgt Ion:	225	Resp:	292430
Ion	Ratio	Lower	Upper
225	100		
223	59.0	50.5	75.7
227	64.2	50.2	75.2

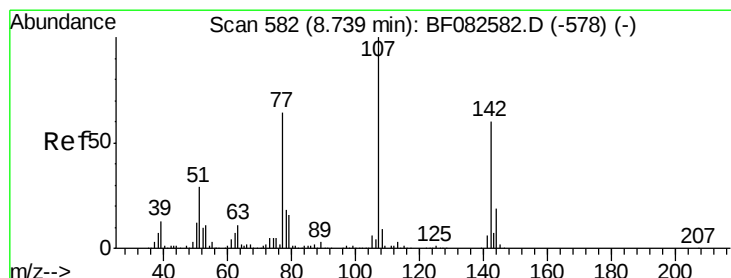
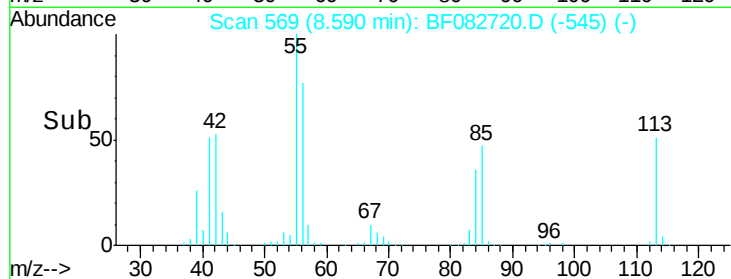
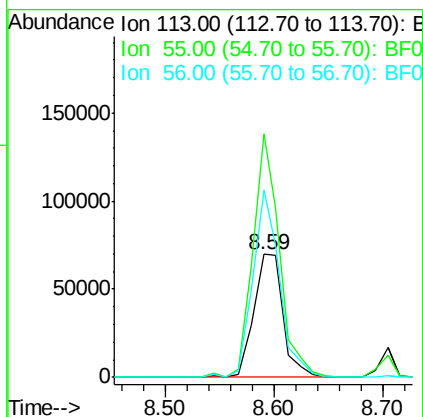
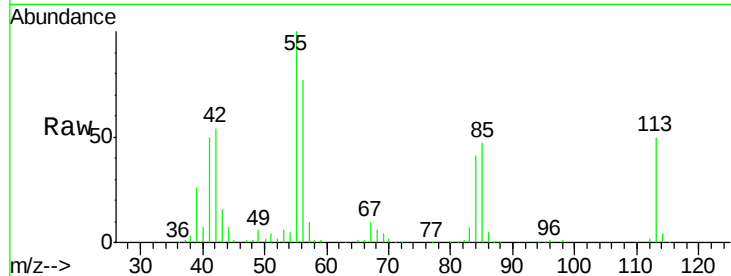




#35
 Caprolactam
 Concen: 39.37 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

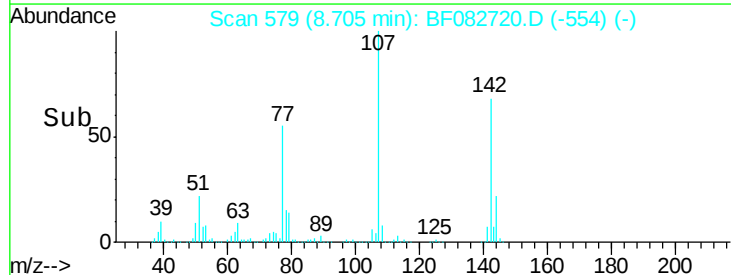
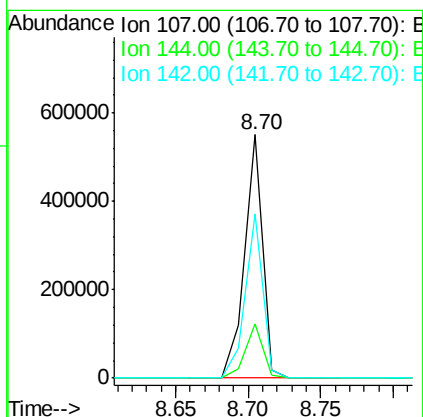
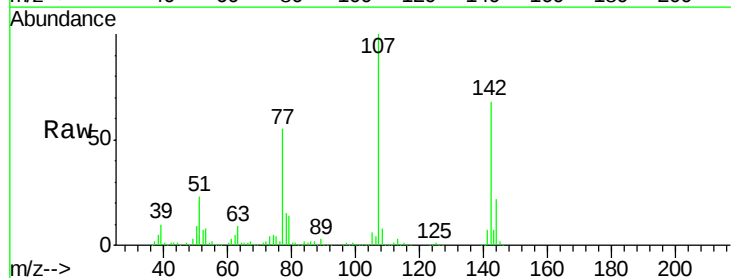
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 130483
 Ion Ratio Lower Upper
 113 100
 55 198.4 195.5 235.5
 56 152.5 153.5 193.5#



#36
 4-Chloro-3-methylphenol
 Concen: 37.42 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Tgt Ion:107 Resp: 476026
 Ion Ratio Lower Upper
 107 100
 144 22.1 15.4 23.0
 142 67.5 47.8 71.8

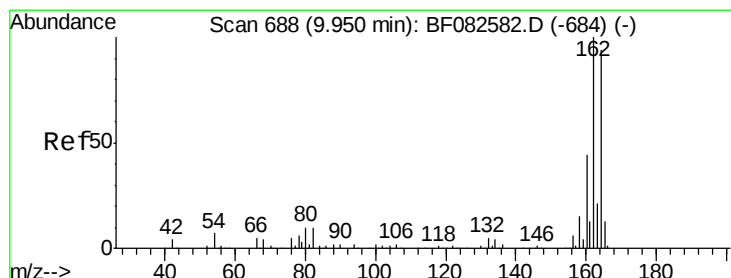
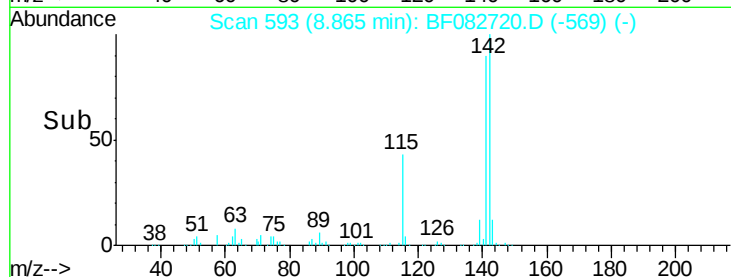
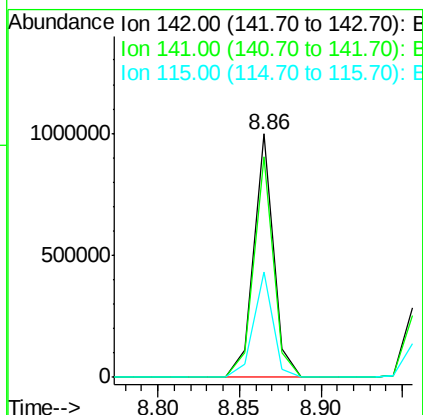
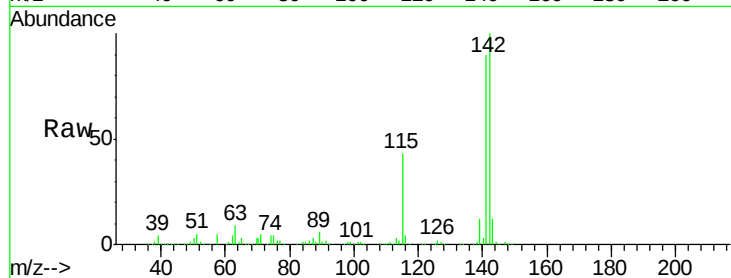




#37
 2-Methylnaphthalene
 Concen: 35.81 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

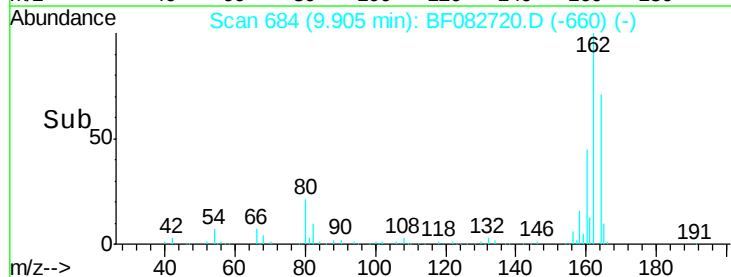
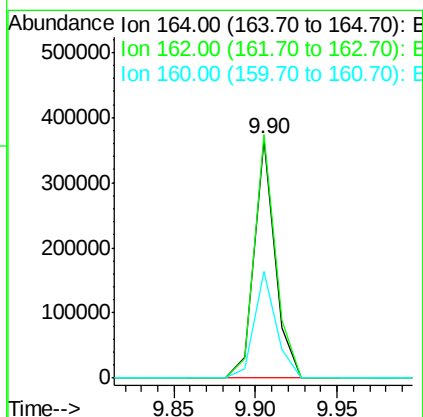
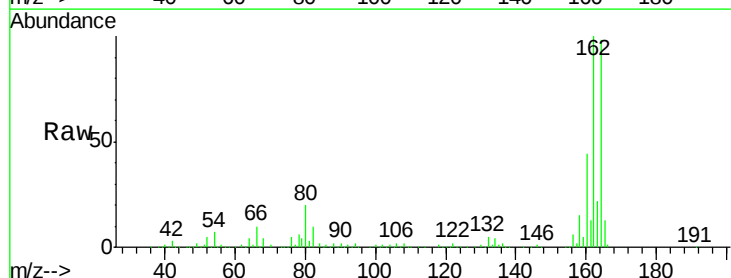
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

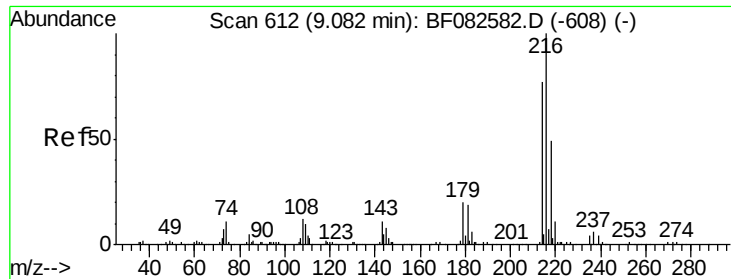
Tgt Ion:142 Resp: 843080
 Ion Ratio Lower Upper
 142 100
 141 90.4 72.3 108.5
 115 43.2 38.1 57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Tgt Ion:164 Resp: 327150
 Ion Ratio Lower Upper
 164 100
 162 101.9 84.9 127.3
 160 44.4 37.5 56.3

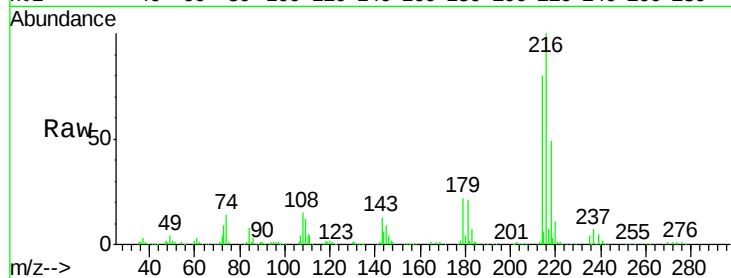




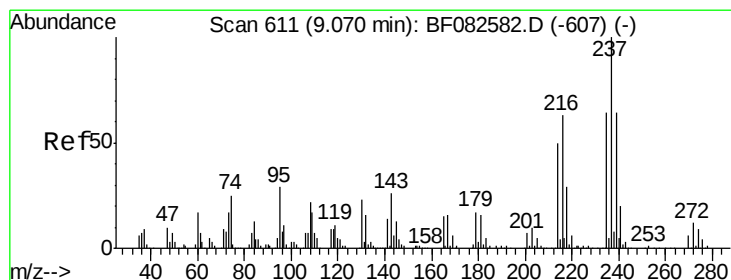
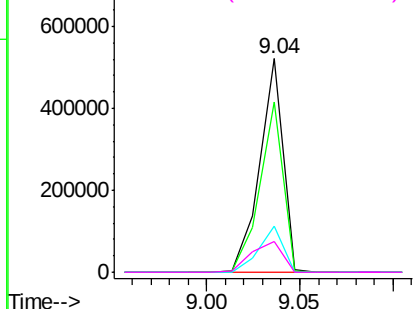
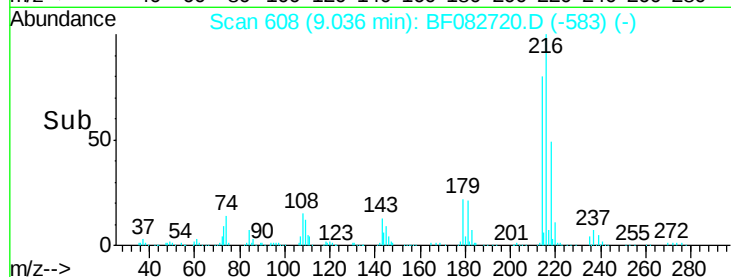
#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.93 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	216	Resp:	457737
Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.2	93.2
179	22.7	18.1	27.1
108	19.4	16.6	25.0

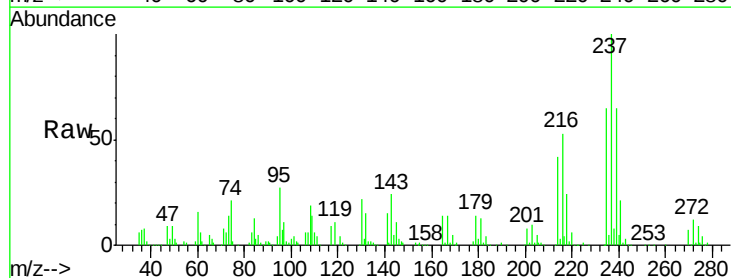


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

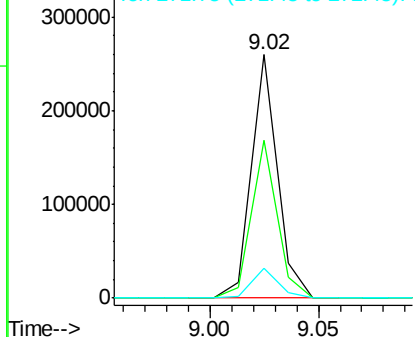
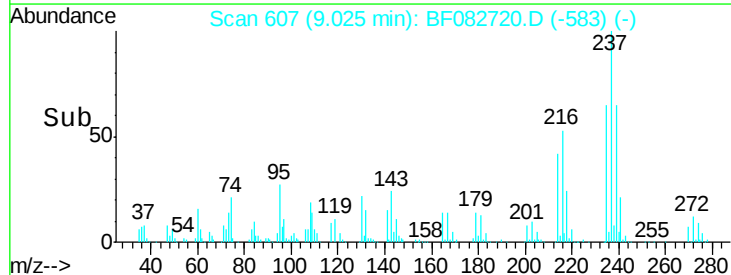


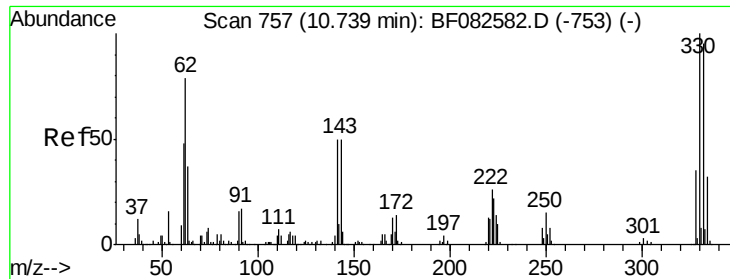
#40
Hexachlorocyclopentadiene
Concen: 31.40 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Tgt Ion:	237	Resp:	215486
Ion	Ratio	Lower	Upper
237	100		
235	64.7	44.3	84.3
272	12.2	0.0	31.9



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

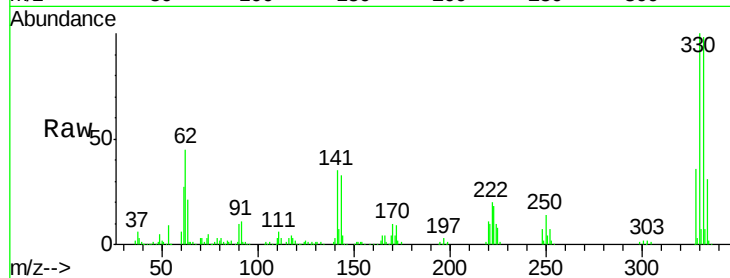




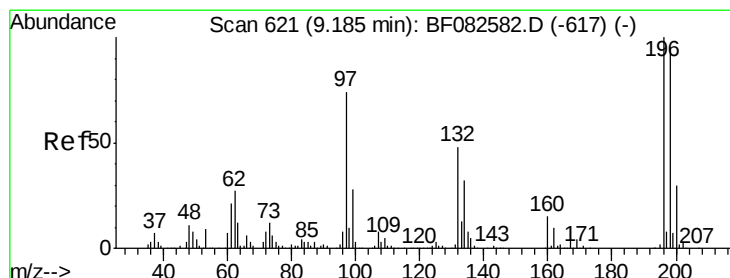
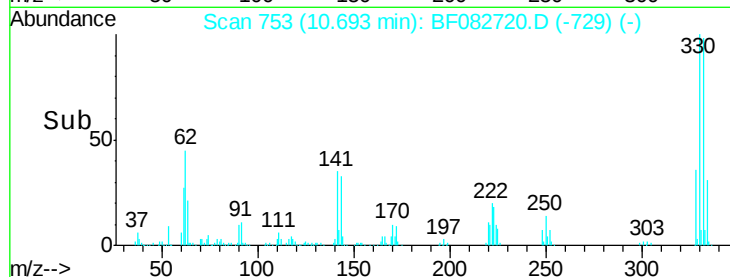
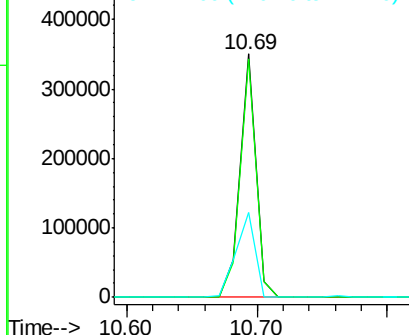
#41
 2,4,6-Tribromophenol
 Concen: 82.20 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 294291
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 41.6 41.2 61.8

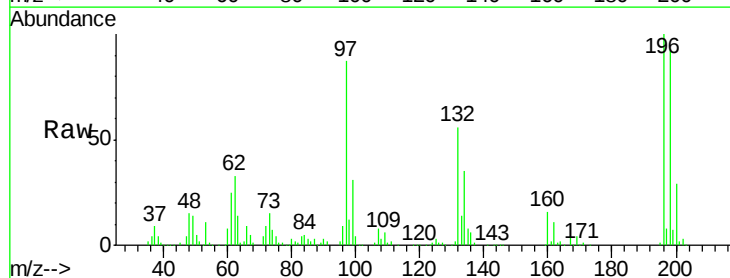


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

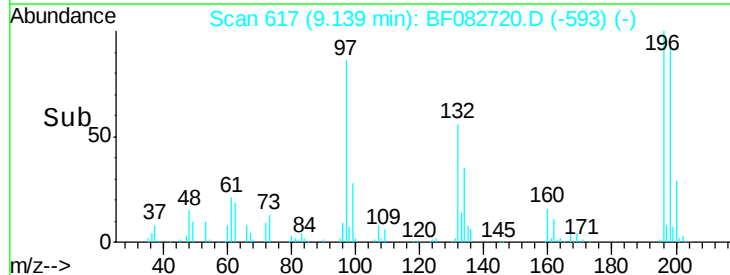
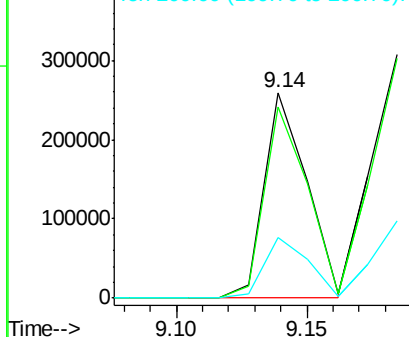


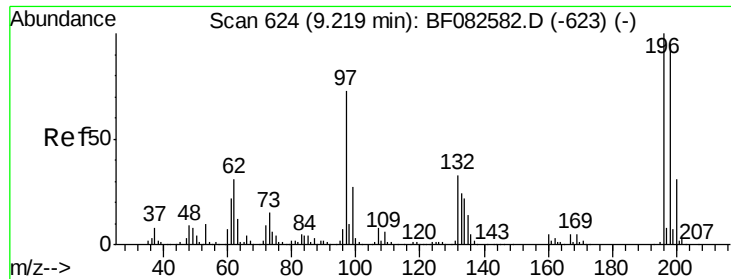
#42
 2,4,6-Trichlorophenol
 Concen: 37.38 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Tgt Ion:196 Resp: 294653
 Ion Ratio Lower Upper
 196 100
 198 92.9 76.3 114.5
 200 29.4 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

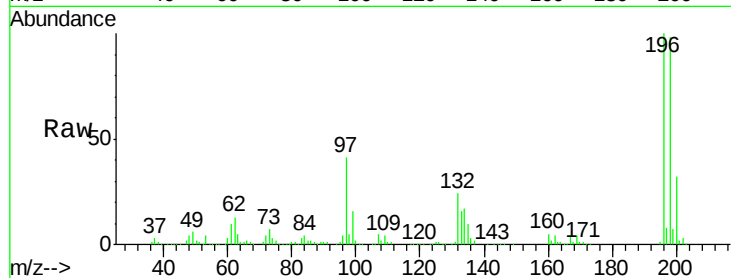




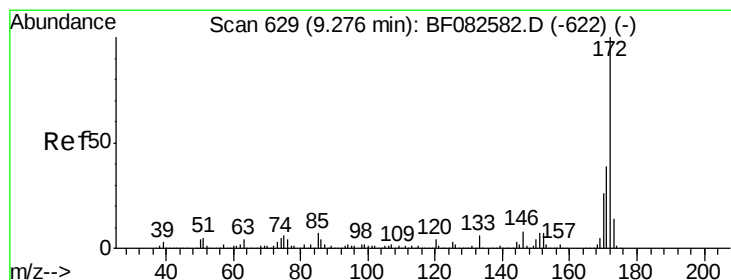
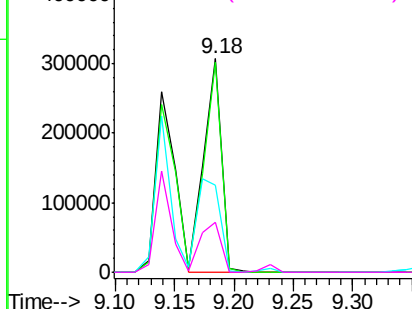
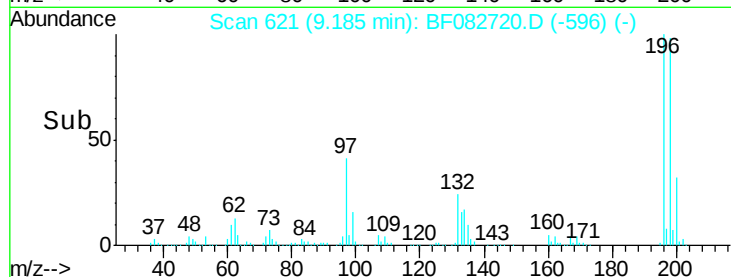
#43
 2,4,5-Trichlorophenol
 Concen: 41.00 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 322001
 Ion Ratio Lower Upper
 196 100
 198 98.4 75.8 113.8
 97 41.0 62.3 93.5#
 132 23.6 27.4 41.2#

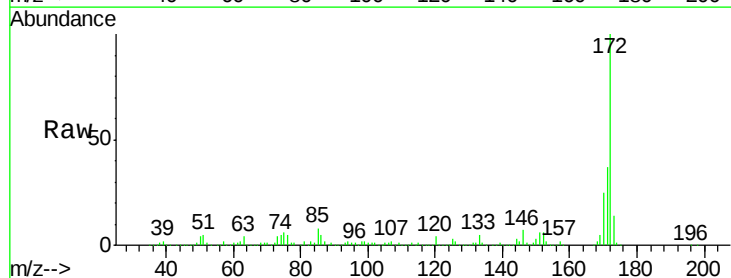


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

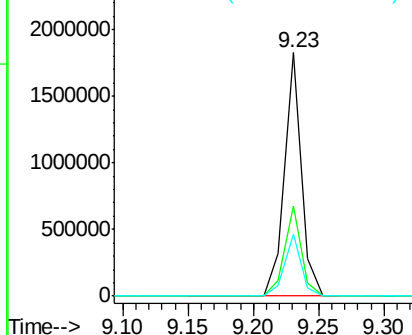
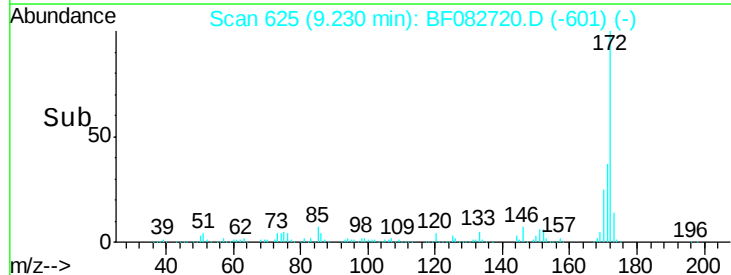


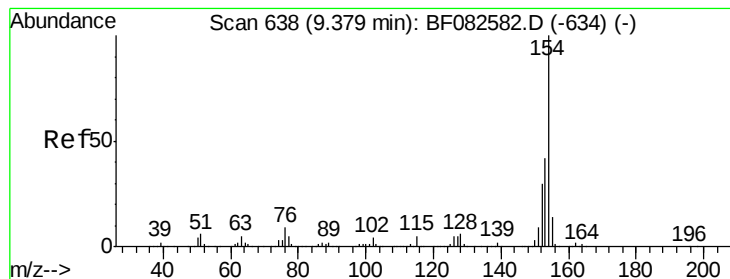
#44
 2-Fluorobiphenyl
 Concen: 72.59 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Tgt Ion:172 Resp: 1672691
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 25.3 21.2 31.8



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: 43.56 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

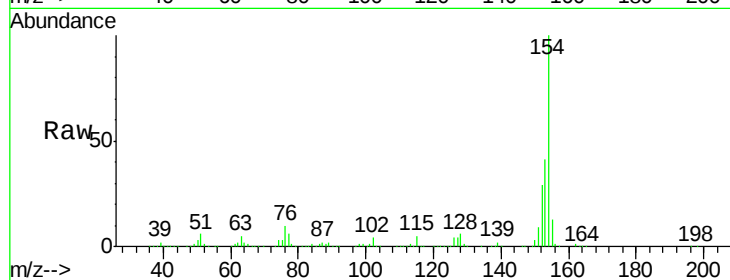
Tgt Ion:154 Resp: 1203872

Ion Ratio Lower Upper

154 100

153 41.5 22.0 62.0

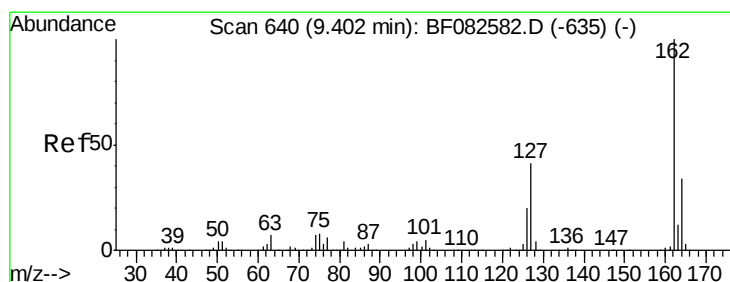
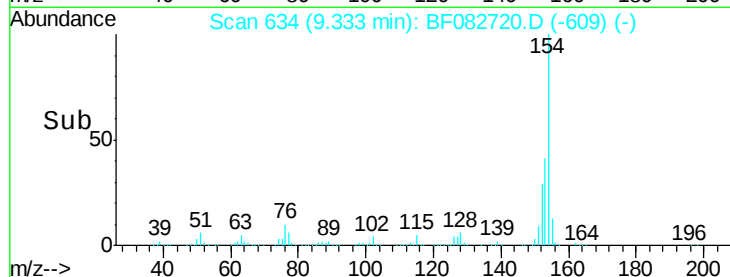
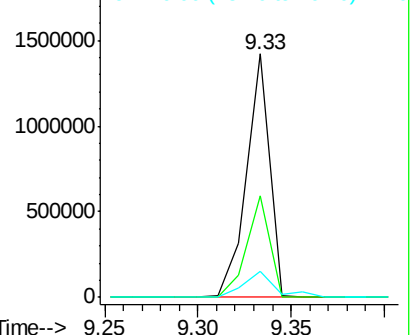
76 10.5 0.0 29.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.11 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

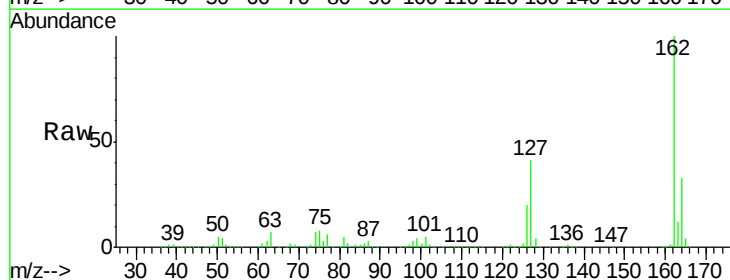
Tgt Ion:162 Resp: 908726

Ion Ratio Lower Upper

162 100

127 40.6 32.7 49.1

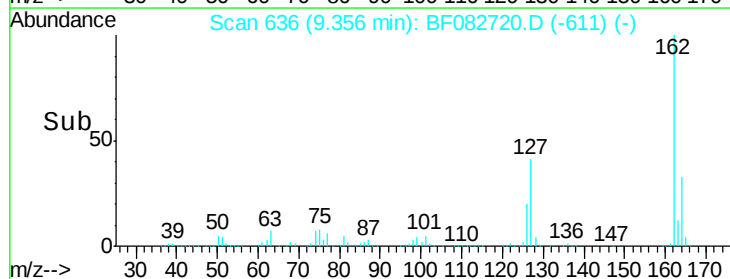
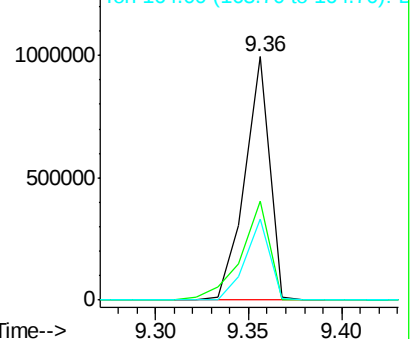
164 33.3 27.4 41.0

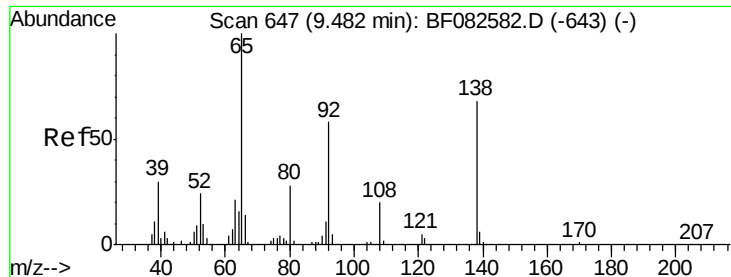


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.77 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

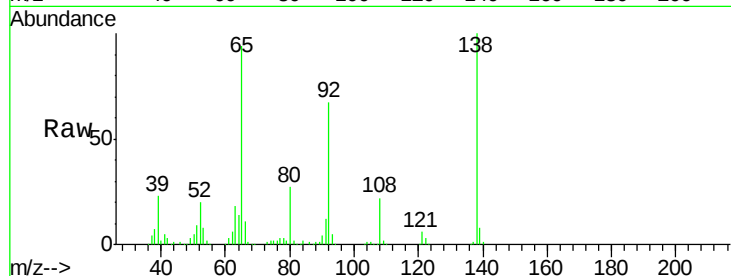
Tgt Ion: 65 Resp: 350398

Ion Ratio Lower Upper

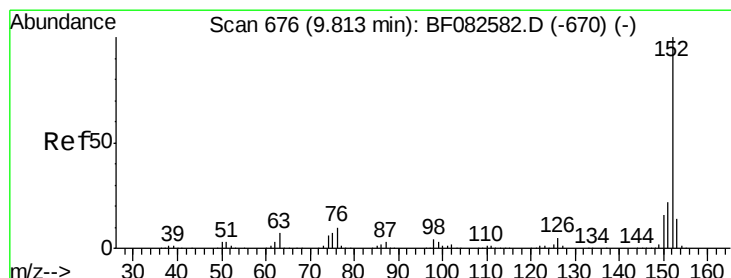
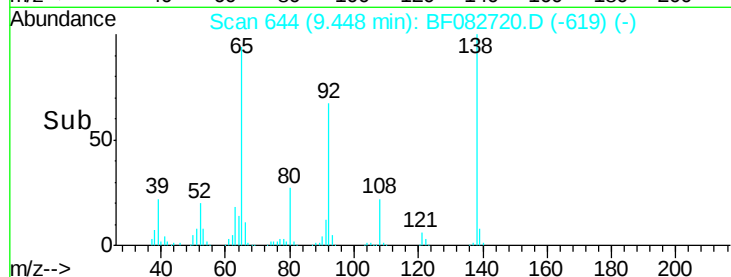
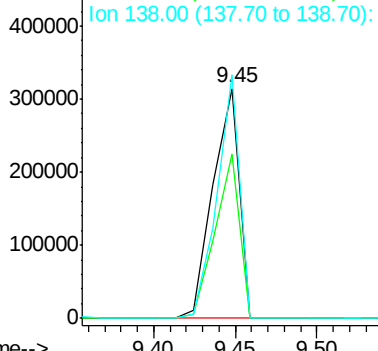
65 100

92 71.4 46.6 70.0#

138 106.0 54.6 81.8#



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



#48

Acenaphthylene

Concen: 39.44 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

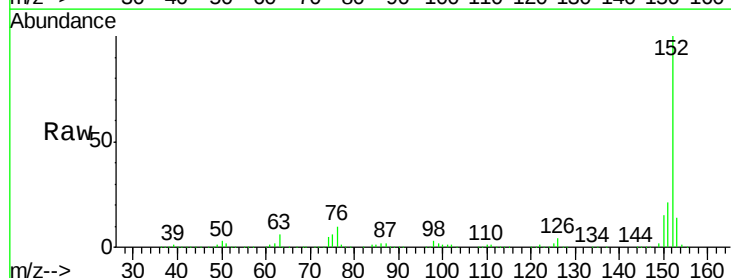
Tgt Ion: 152 Resp: 1361383

Ion Ratio Lower Upper

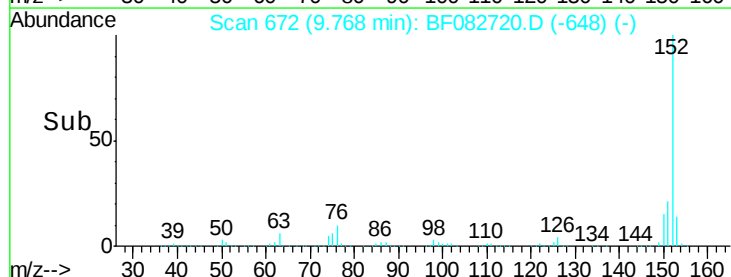
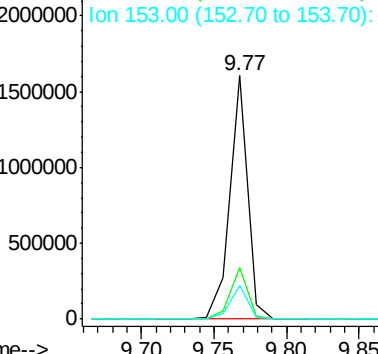
152 100

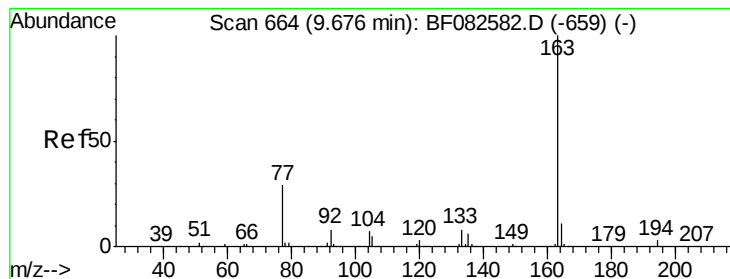
151 21.4 17.3 25.9

153 14.1 11.3 16.9



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





#49

Dimethylphthalate

Concen: 35.23 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

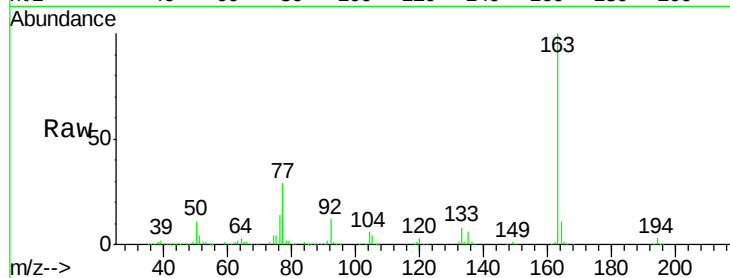
Tgt Ion:163 Resp: 941304

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

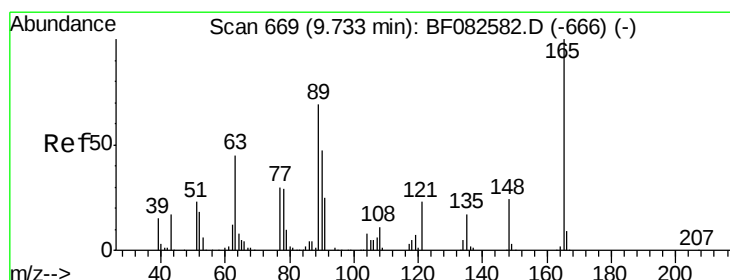
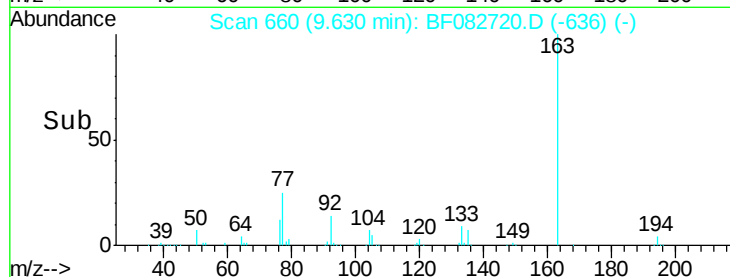
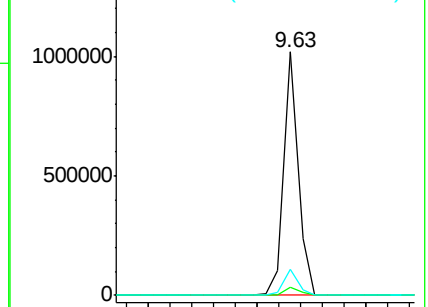
164 10.6 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.98 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

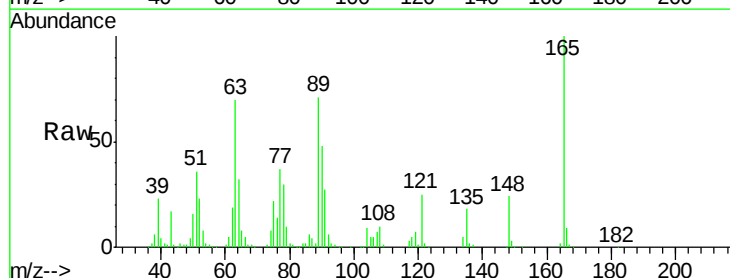
Tgt Ion:165 Resp: 215863

Ion Ratio Lower Upper

165 100

63 70.4 55.5 83.3

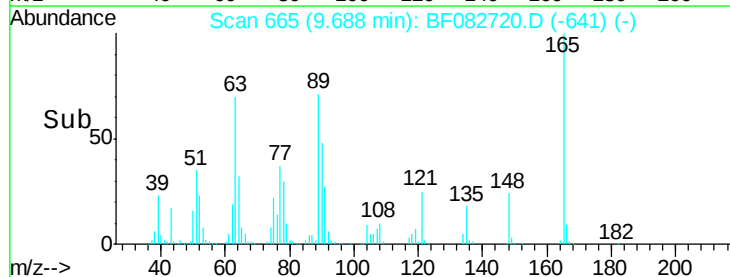
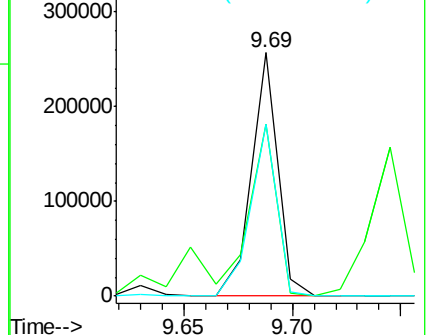
89 70.5 55.0 82.6

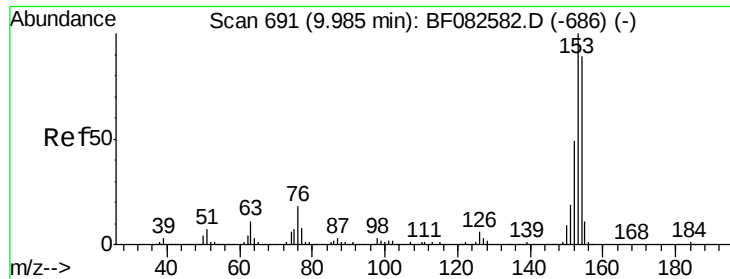


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.82 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

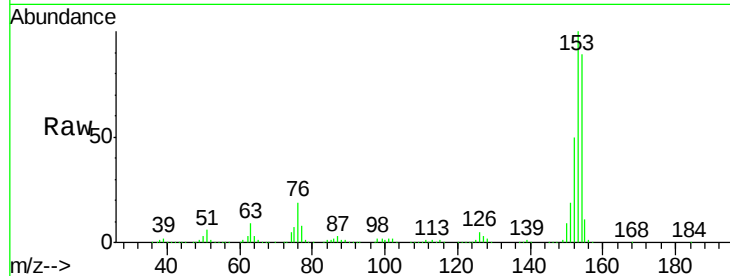
Tgt Ion:154 Resp: 806800

Ion Ratio Lower Upper

154 100

153 112.4 90.1 135.1

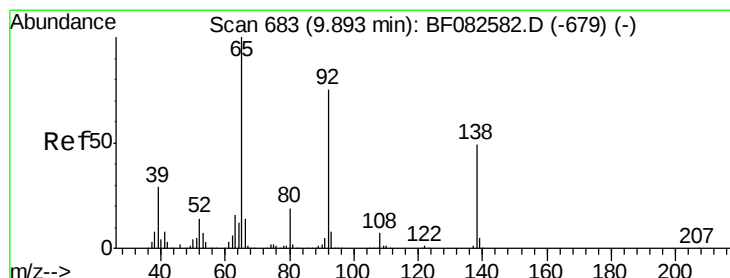
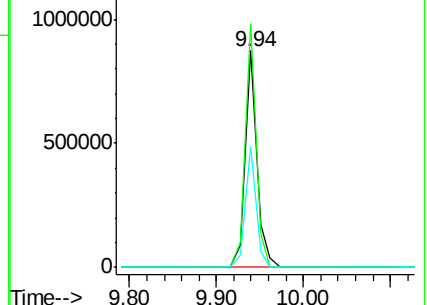
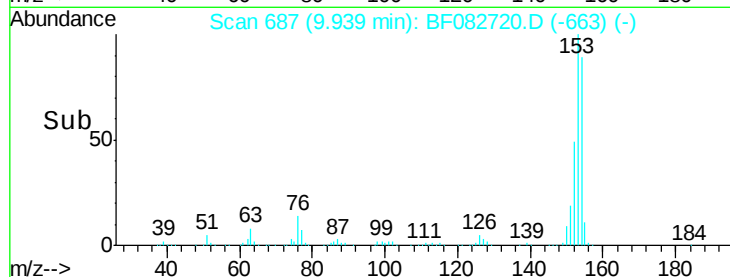
152 55.9 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.85 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

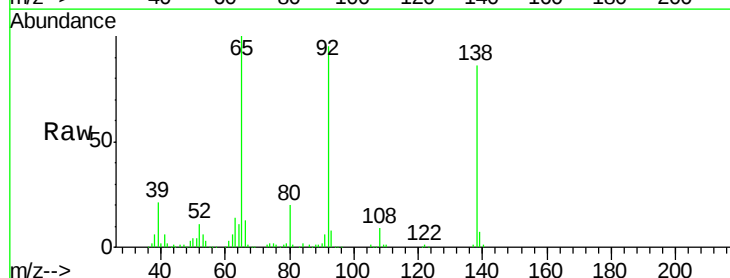
Tgt Ion:138 Resp: 282489

Ion Ratio Lower Upper

138 100

108 10.0 11.3 16.9#

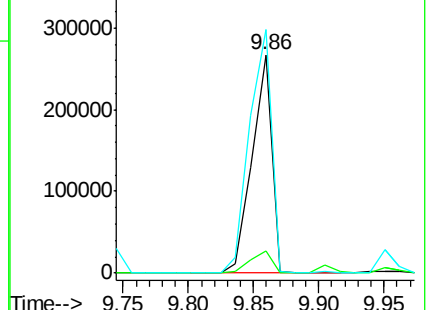
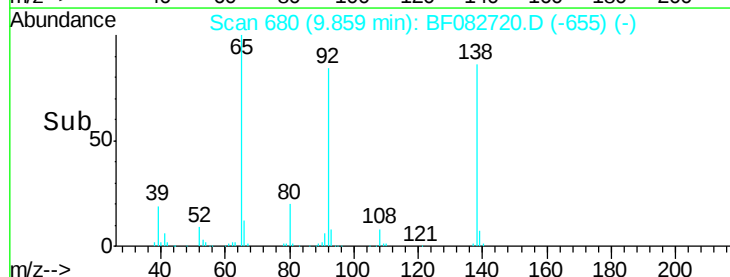
92 111.4 122.4 183.6#

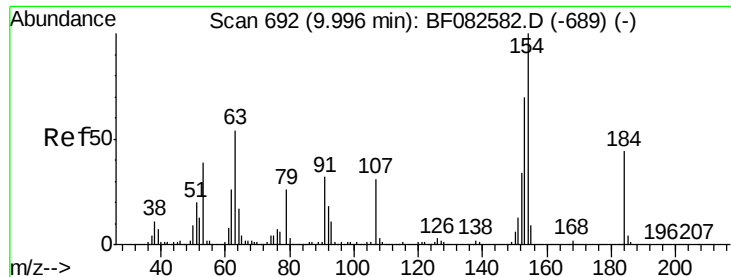


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

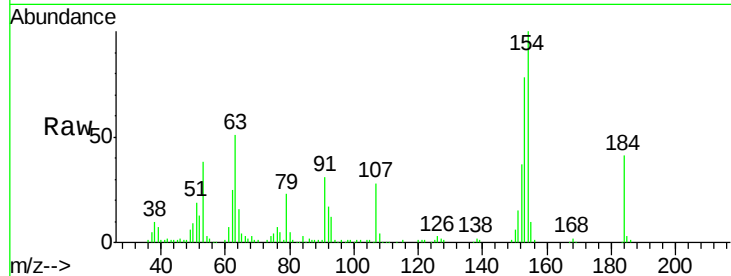




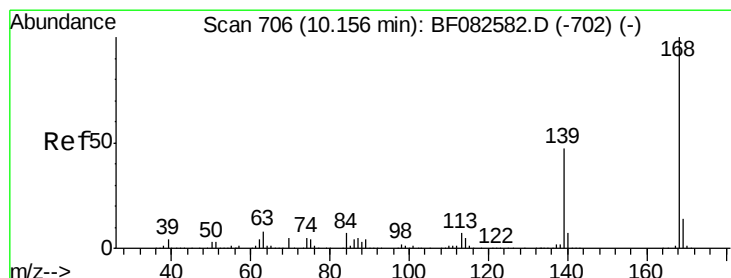
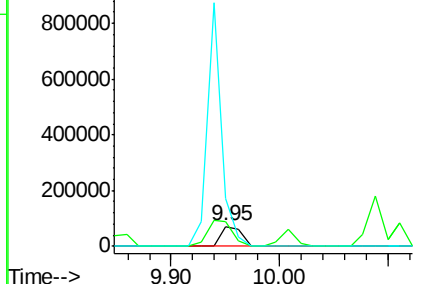
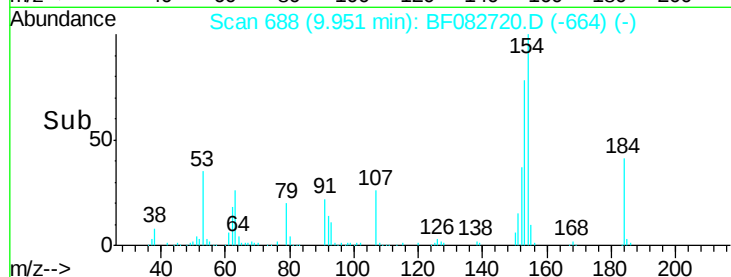
#53
2,4-Dinitrophenol
Concen: 36.10 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 94686
Ion Ratio Lower Upper
184 100
63 123.1 98.6 148.0
154 241.5 183.9 275.9

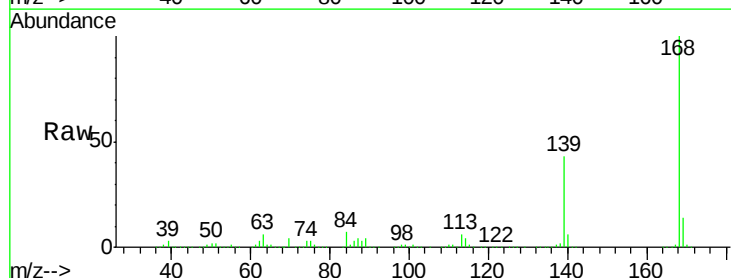


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

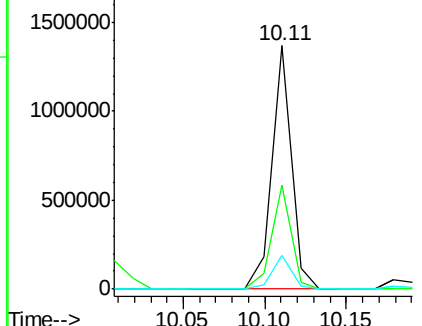
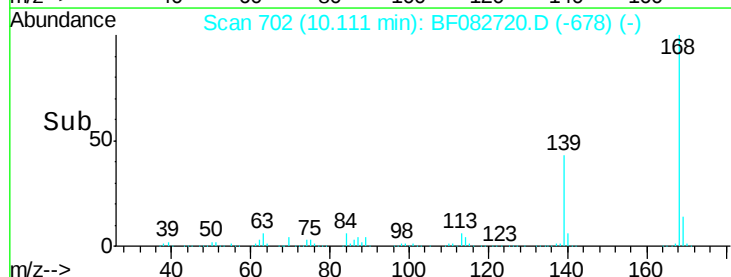


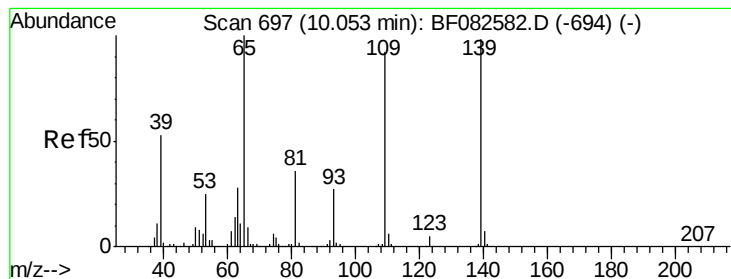
#54
Dibenzofuran
Concen: 38.75 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Tgt Ion:168 Resp: 1152151
Ion Ratio Lower Upper
168 100
139 42.6 37.8 56.6
169 13.9 11.3 16.9



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





#55

4-Nitrophenol

Concen: 36.03 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

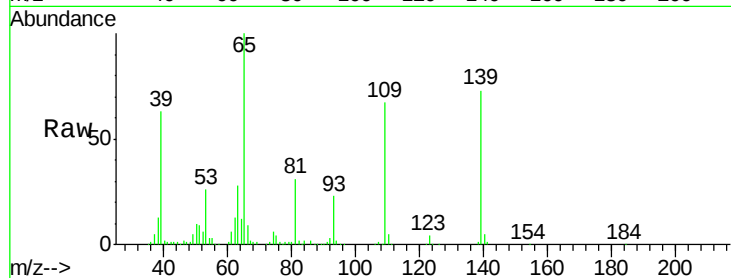
Tgt Ion:139 Resp: 167020

Ion Ratio Lower Upper

139 100

109 92.1 73.7 113.7

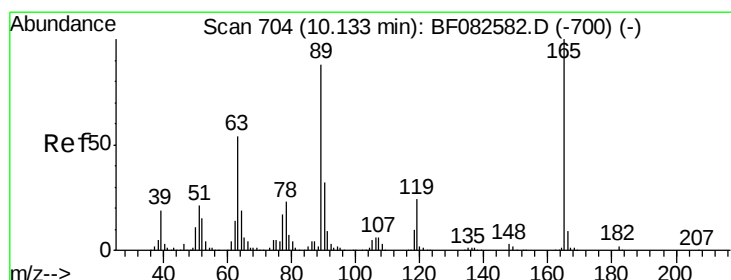
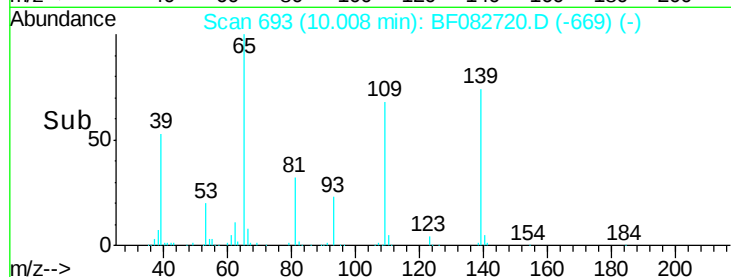
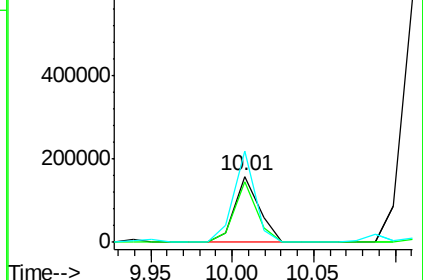
65 137.9 82.9 122.9#



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: 37.35 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Tgt Ion:165 Resp: 279728

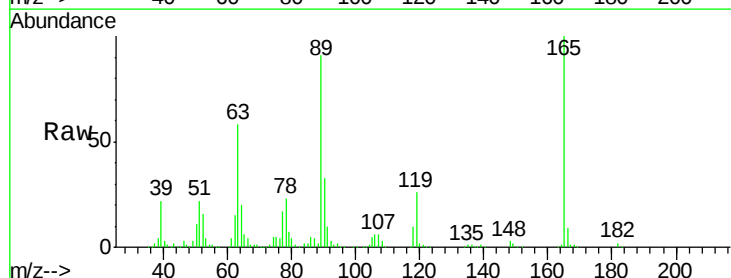
Ion Ratio Lower Upper

165 100

63 57.7 43.4 65.0

89 90.8 70.6 106.0

182 2.2 1.5 2.3

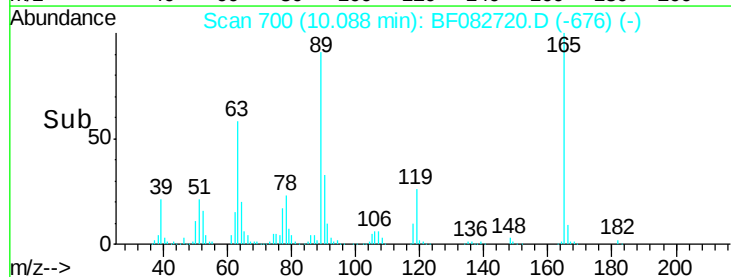
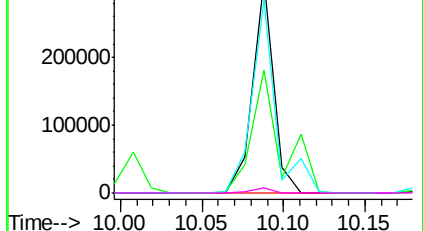


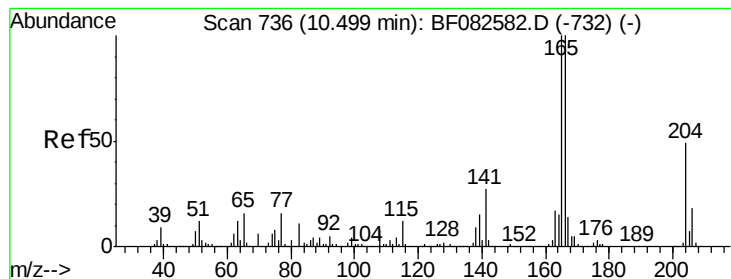
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.55 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

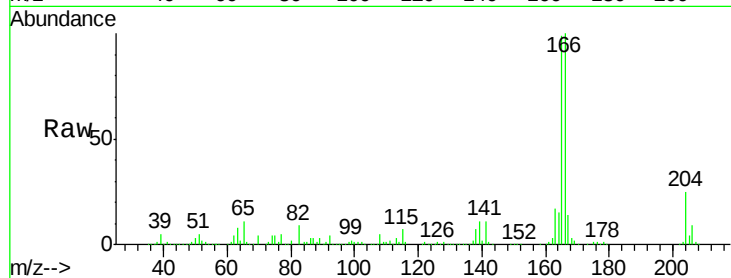
Tgt Ion:166 Resp: 972341

Ion Ratio Lower Upper

166 100

165 99.1 80.2 120.4

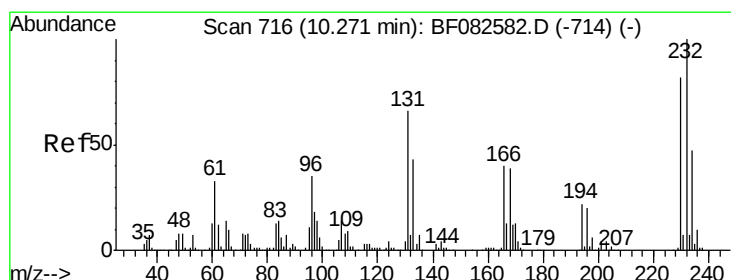
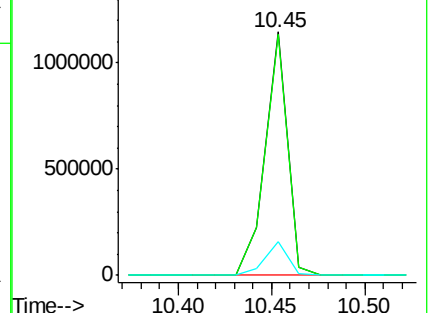
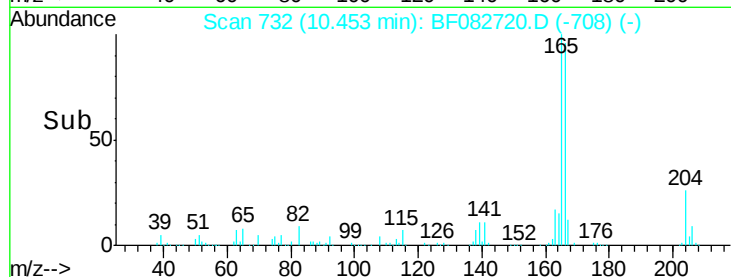
167 13.7 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.47 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Tgt Ion:232 Resp: 242104

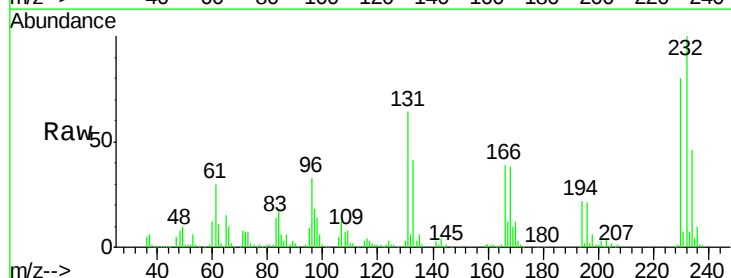
Ion Ratio Lower Upper

232 100

131 51.0 46.2 69.2

130 2.4 2.4 3.6#

166 32.3 28.2 42.2

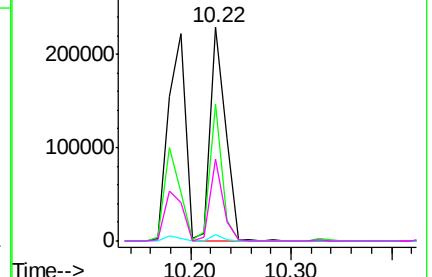
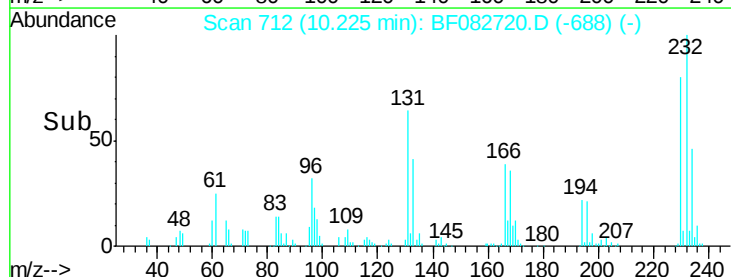


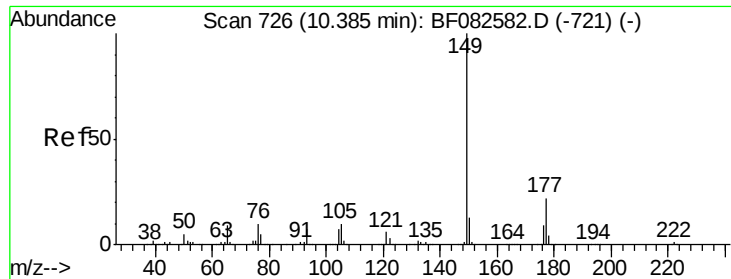
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

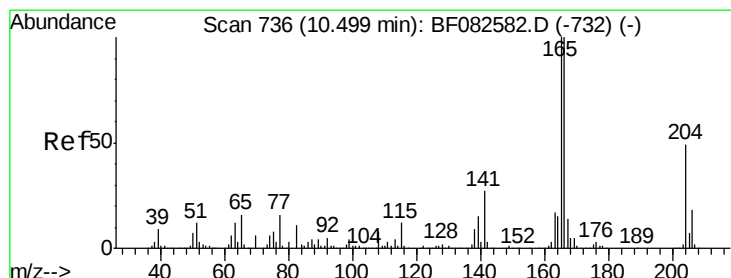
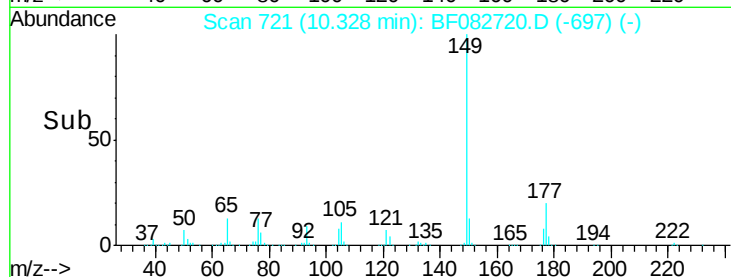
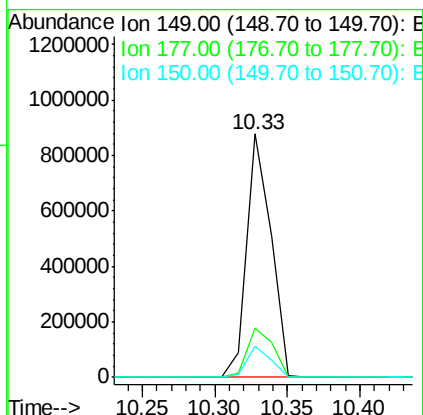
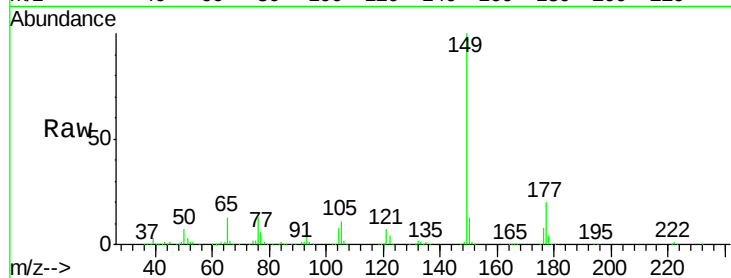




#59
Diethylphthalate
Concen: 37.38 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

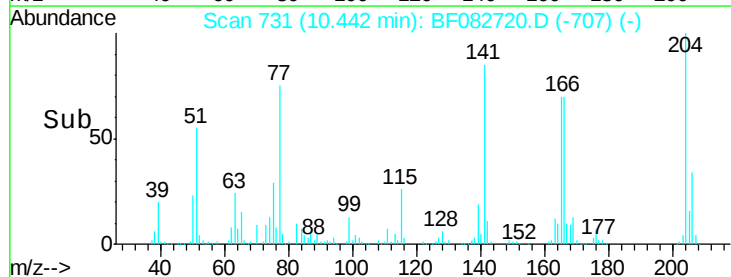
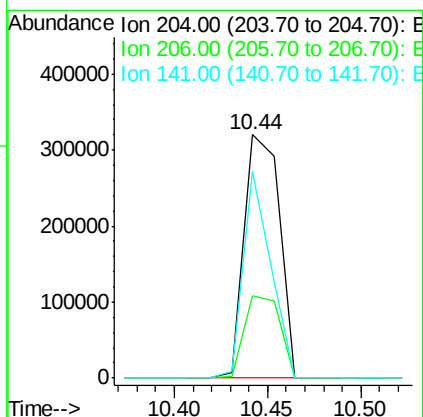
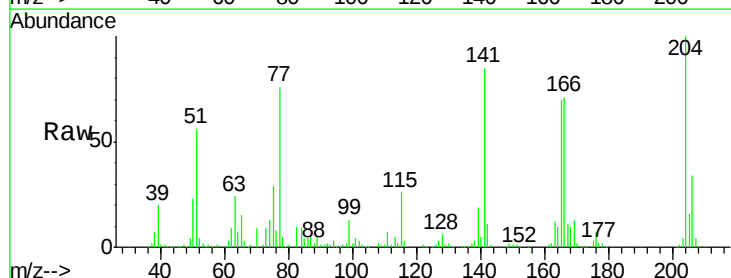
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

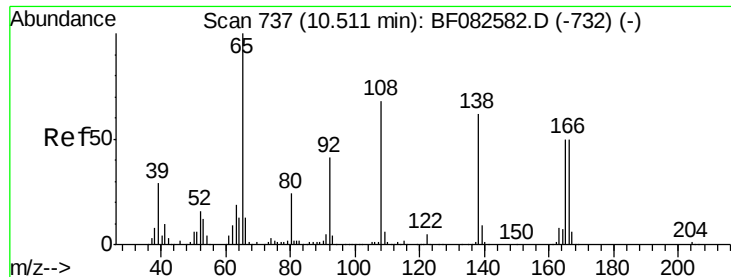
Tgt Ion:149 Resp: 1016882
Ion Ratio Lower Upper
149 100
177 20.4 17.9 26.9
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 36.46 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Tgt Ion:204 Resp: 424978
Ion Ratio Lower Upper
204 100
206 33.8 28.5 42.7
141 85.0 44.6 66.8#

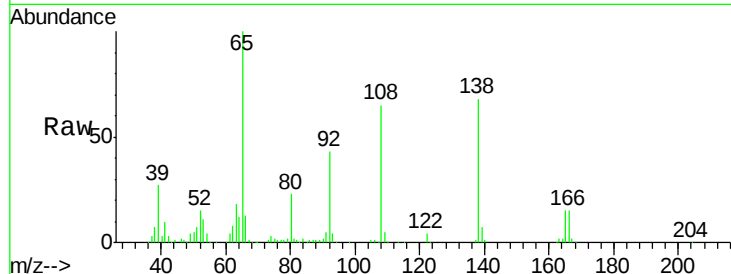




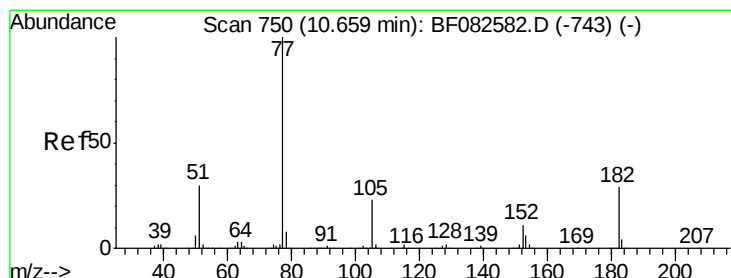
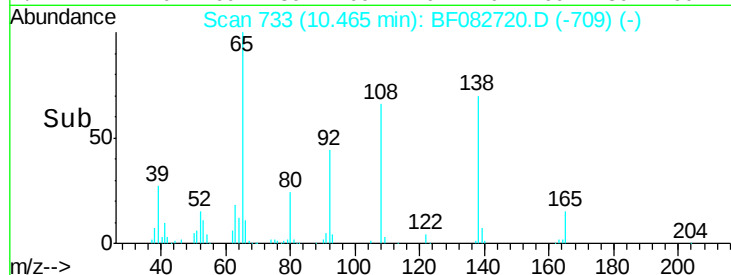
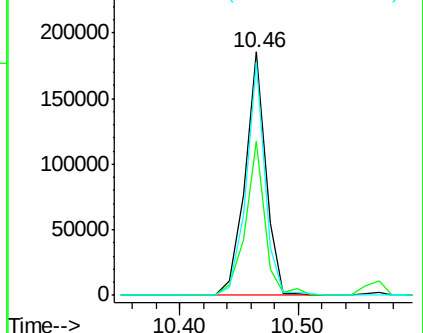
#61
4-Nitroaniline
Concen: 38.87 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 228542
Ion Ratio Lower Upper
138 100
92 63.1 45.8 85.8
108 96.0 89.4 129.4

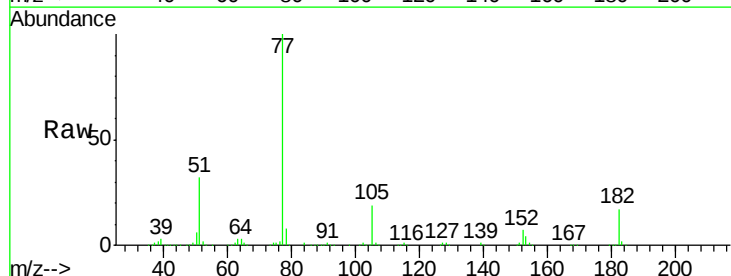


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

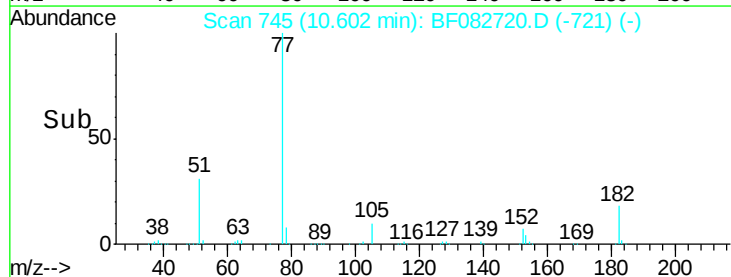
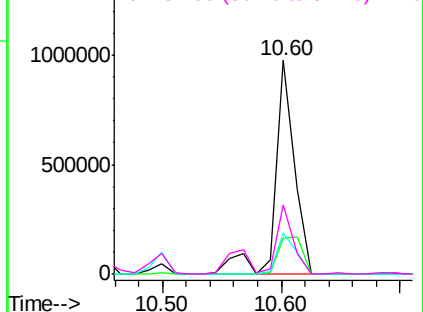


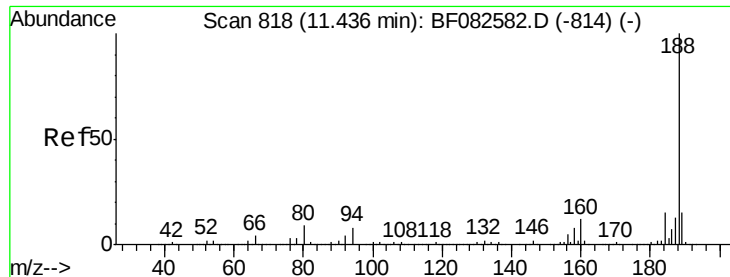
#62
Azobenzene
Concen: 35.67 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Tgt Ion: 77 Resp: 1094267
Ion Ratio Lower Upper
77 100
182 16.8 9.3 49.3
105 19.5 2.6 42.6
51 32.1 9.9 49.9



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

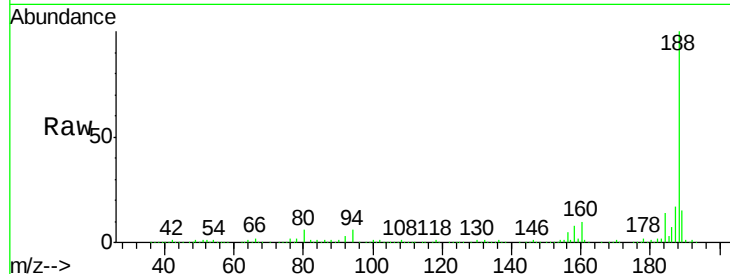




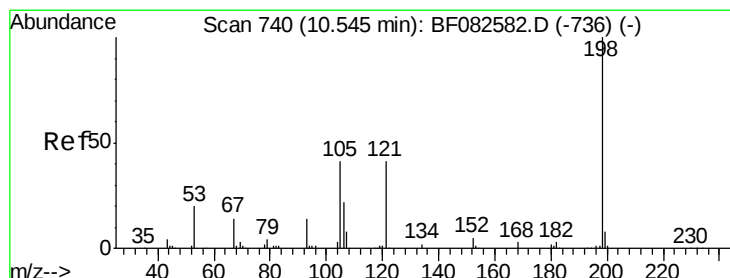
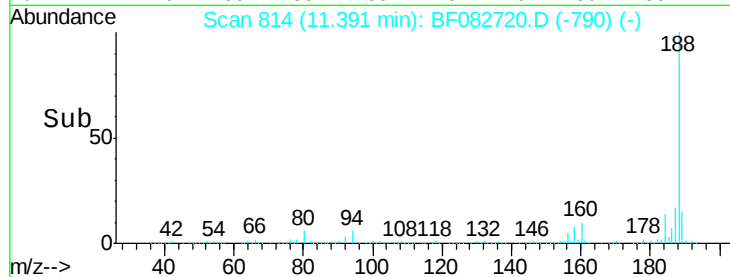
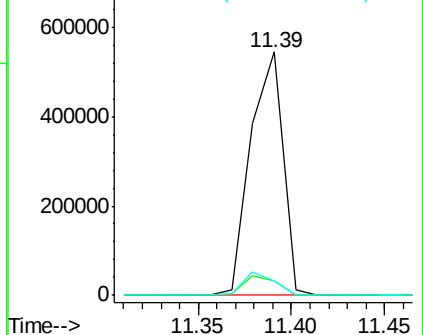
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:188 Resp: 655410
 Ion Ratio Lower Upper
 188 100
 94 5.8 6.1 9.1#
 80 6.2 7.0 10.6#

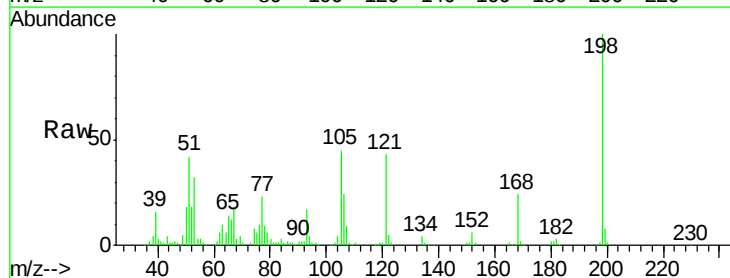


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

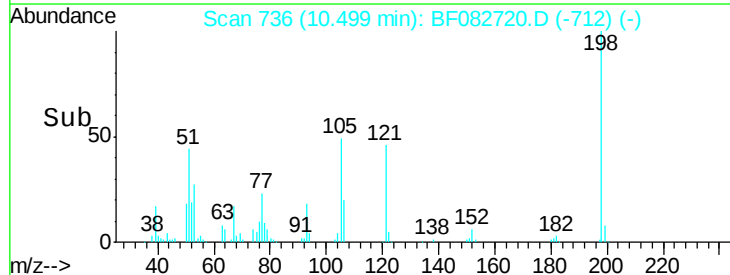
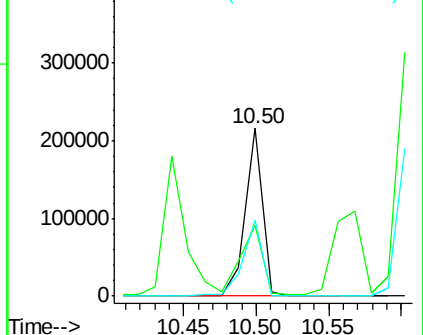


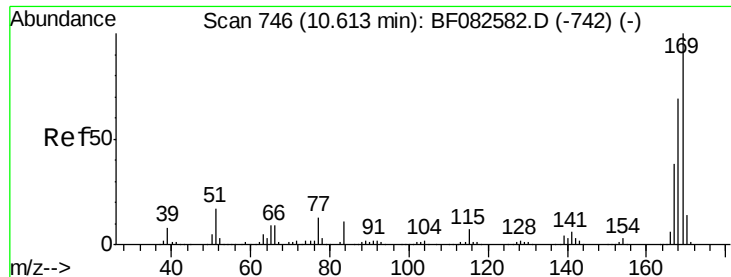
#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.21 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Tgt Ion:198 Resp: 178720
 Ion Ratio Lower Upper
 198 100
 51 42.3 17.3 57.3
 105 45.3 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

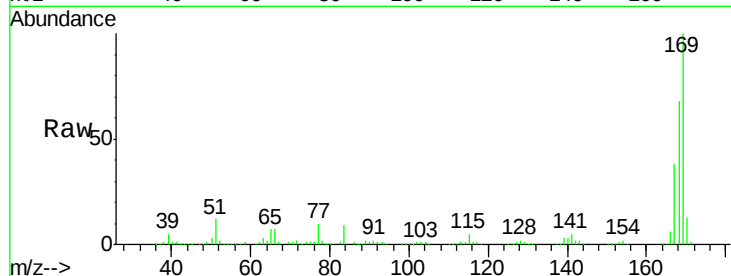




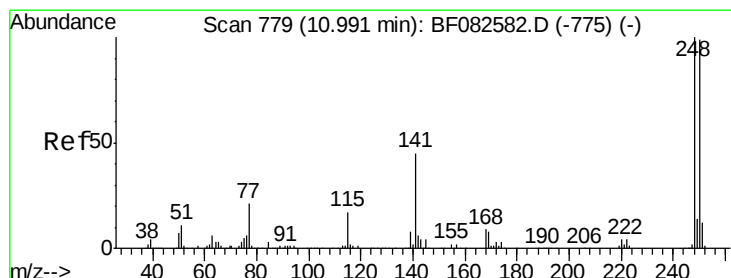
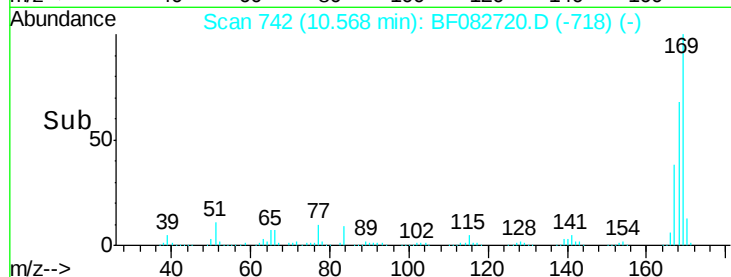
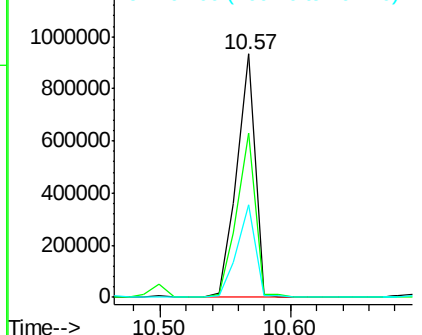
#65
 n-Nitrosodiphenylamine
 Concen: 40.22 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:169 Resp: 906267
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.0 82.6
 167 38.3 30.5 45.7

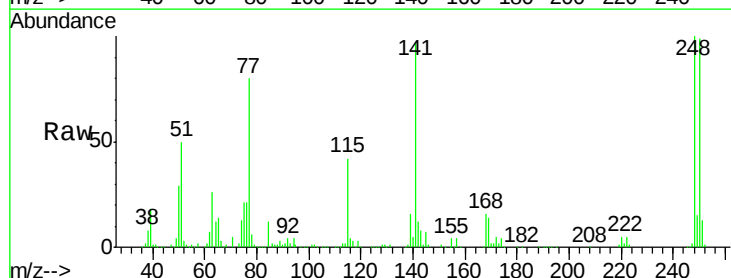


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

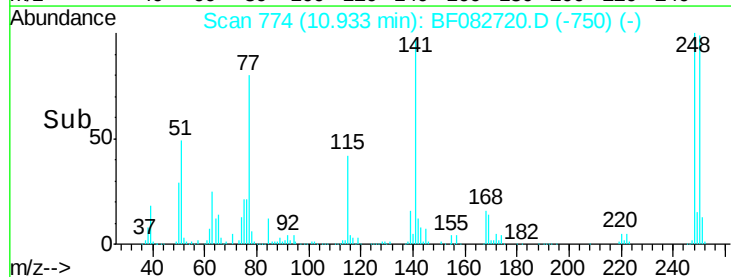
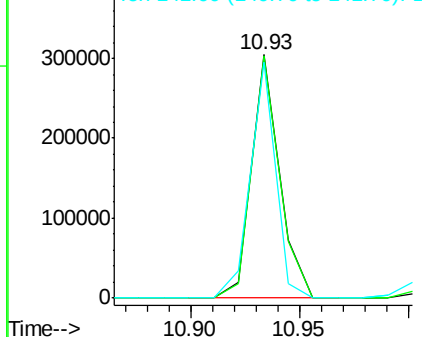


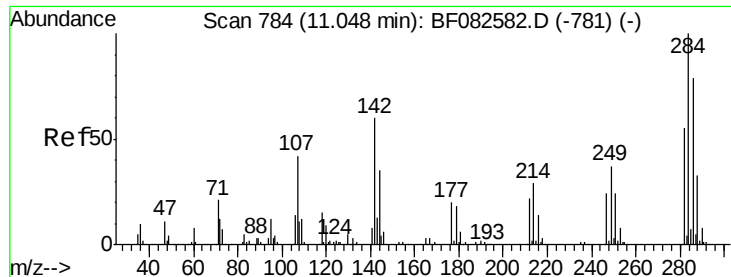
#66
 4-Bromophenyl-phenylether
 Concen: 36.64 ng
 RT: 10.93 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Tgt Ion:248 Resp: 272145
 Ion Ratio Lower Upper
 248 100
 250 99.4 79.4 119.2
 141 97.1 36.3 54.5#



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

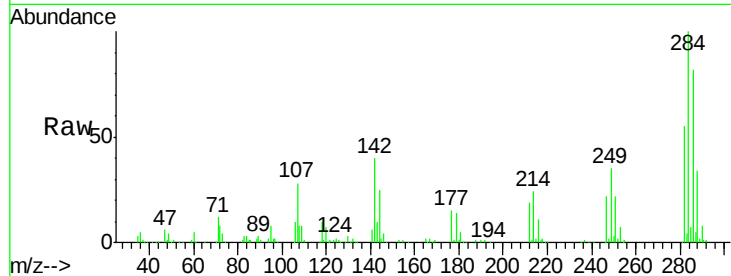




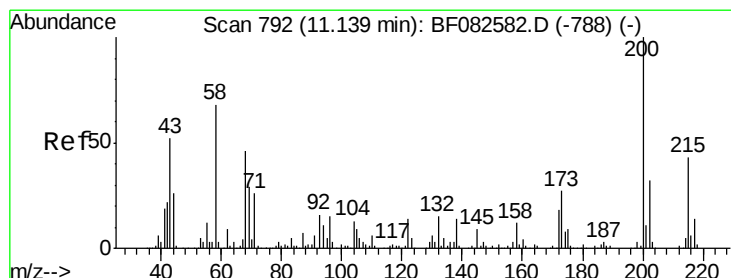
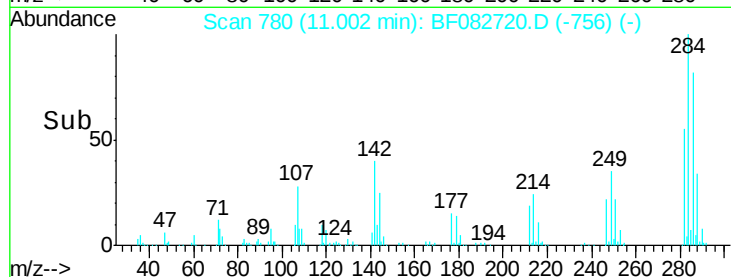
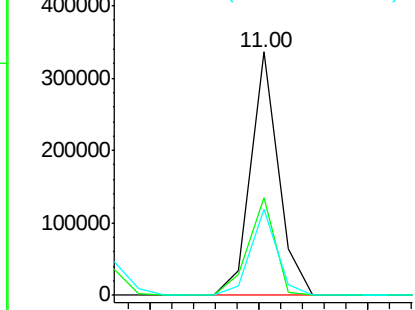
#67
Hexachlorobenzene
Concen: 36.22 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 284 Resp: 298250
Ion Ratio Lower Upper
284 100
142 40.2 47.9 71.9#
249 35.1 29.7 44.5

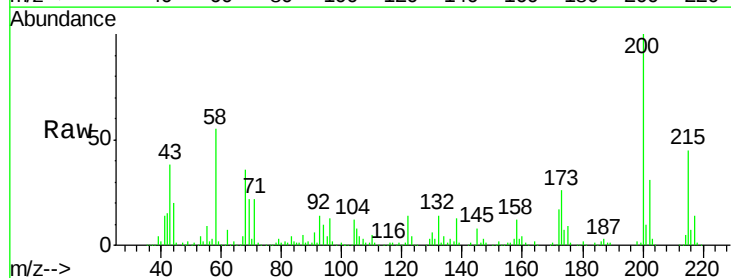


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

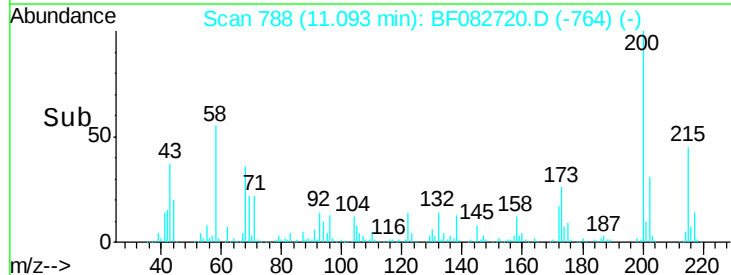
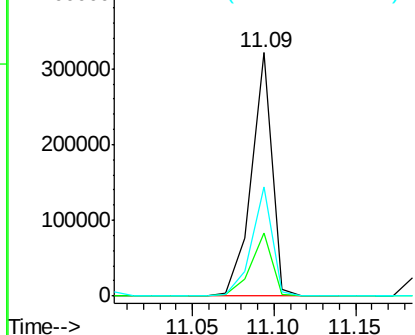


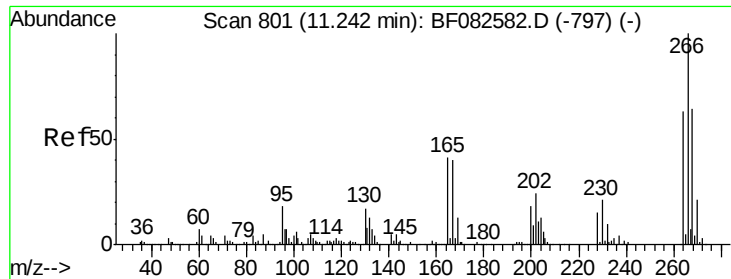
#68
Atrazine
Concen: 38.40 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Tgt Ion: 200 Resp: 283031
Ion Ratio Lower Upper
200 100
173 25.7 6.9 46.9
215 45.0 22.9 62.9



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

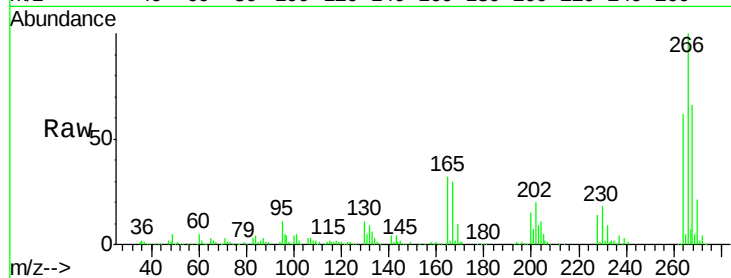




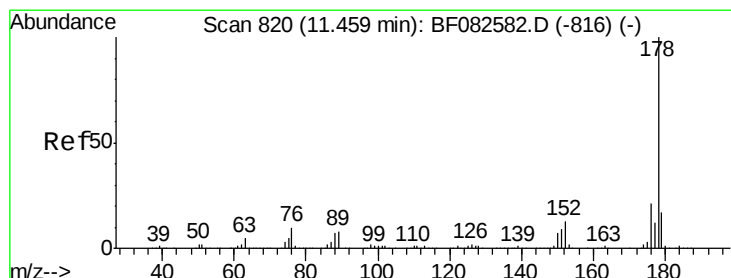
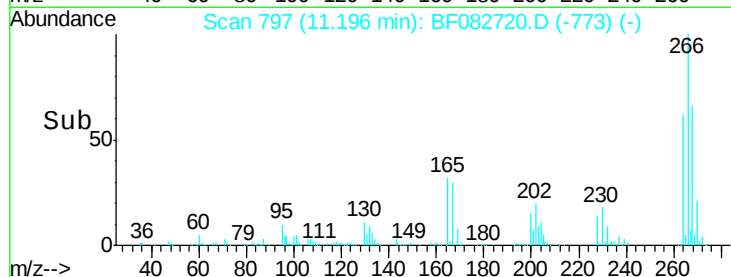
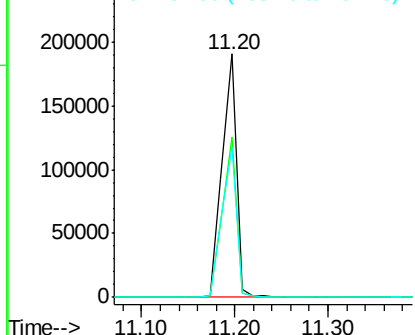
#69
 Pentachlorophenol
 Concen: 37.25 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 202313
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.0 76.6
 264 61.6 50.6 75.8

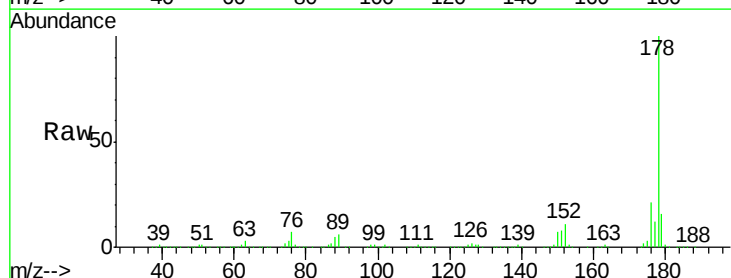


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

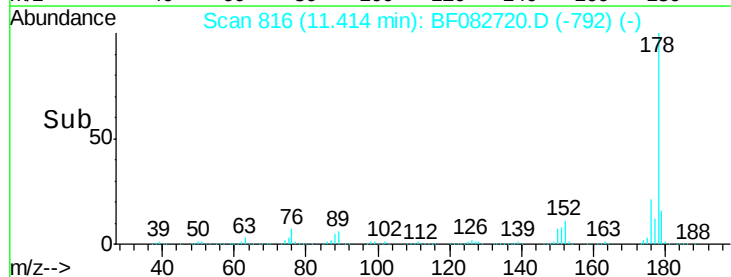
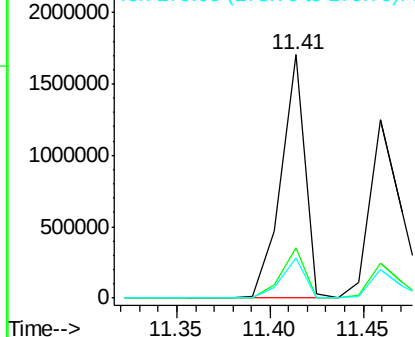


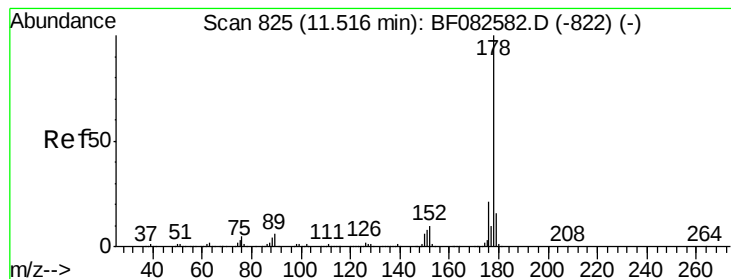
#70
 Phenanthrene
 Concen: 41.09 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Tgt Ion:178 Resp: 1518885
 Ion Ratio Lower Upper
 178 100
 176 20.6 17.0 25.4
 179 16.2 13.4 20.0



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





#71

Anthracene

Concen: 36.19 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

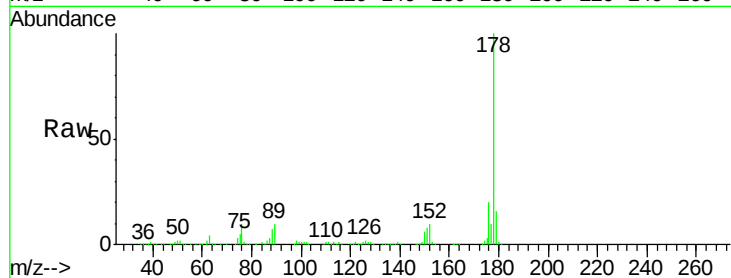
Tgt Ion:178 Resp: 1346846

Ion Ratio Lower Upper

178 100

176 19.8 16.5 24.7

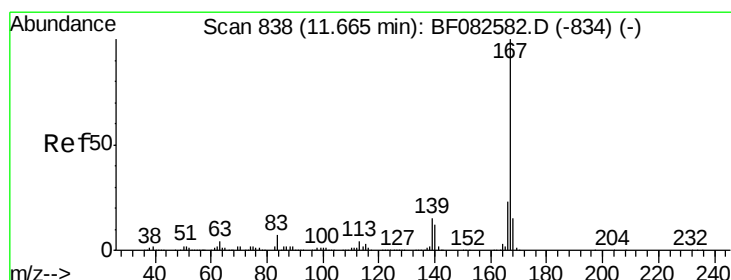
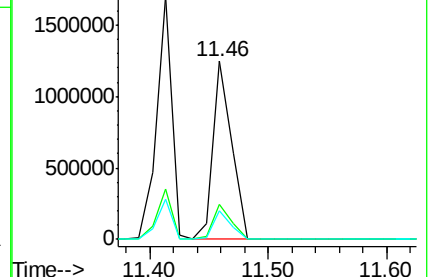
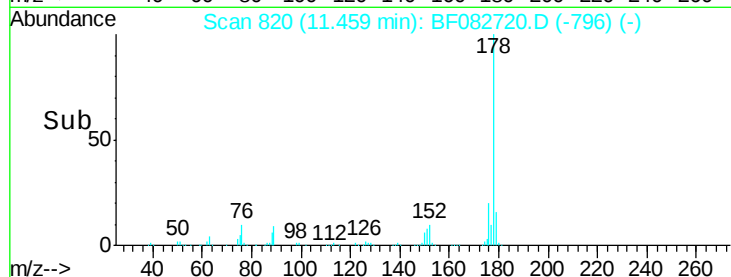
179 16.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.44 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

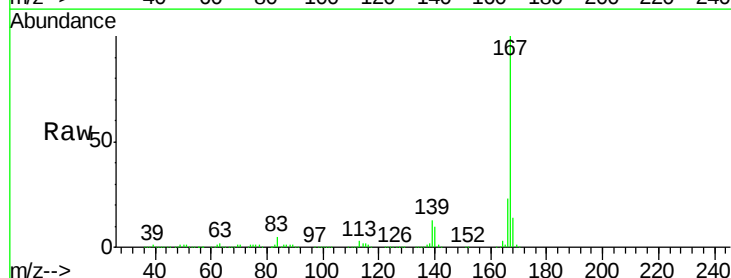
Tgt Ion:167 Resp: 1375815

Ion Ratio Lower Upper

167 100

166 22.6 18.7 28.1

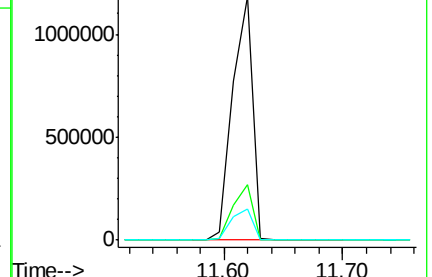
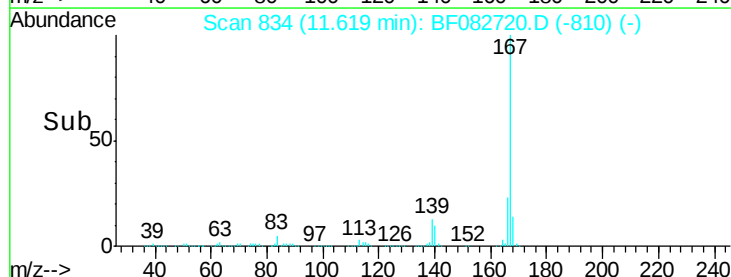
139 12.8 11.8 17.6

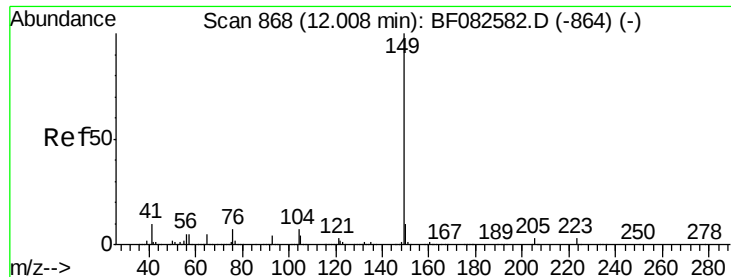


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.05 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

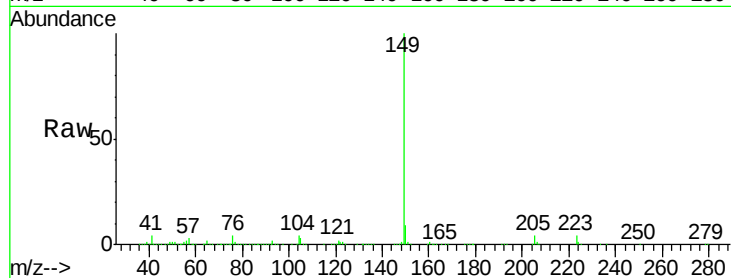
Tgt Ion:149 Resp: 1653101

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

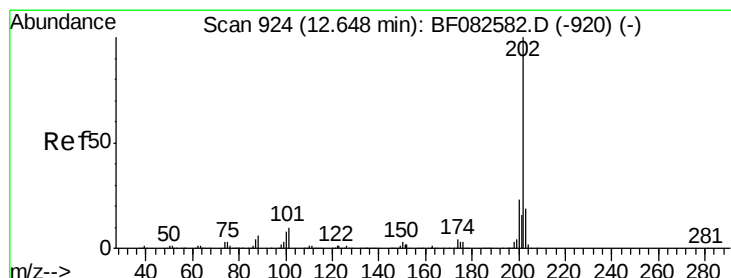
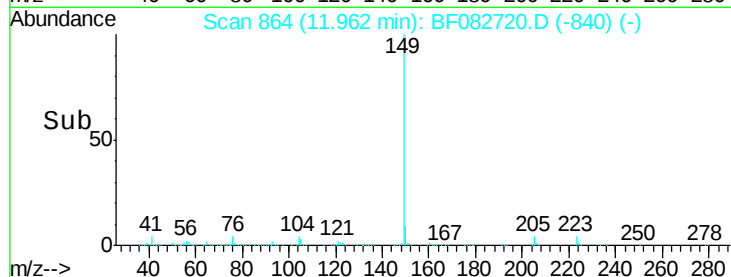
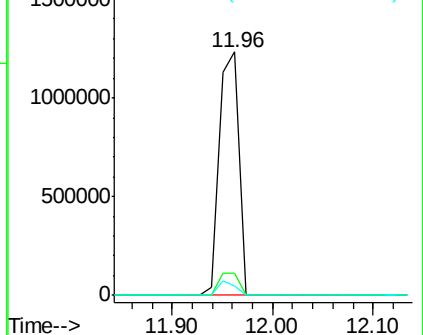
104 4.1 5.2 7.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.17 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

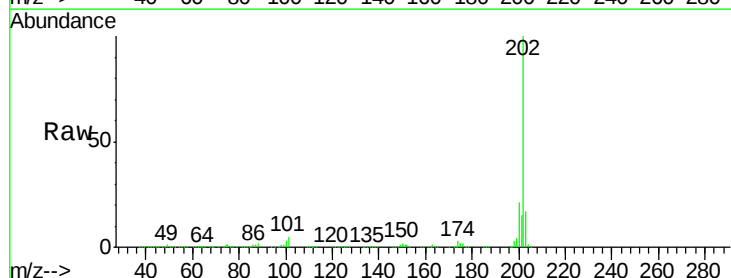
Tgt Ion:202 Resp: 1555893

Ion Ratio Lower Upper

202 100

101 4.7 0.0 30.5

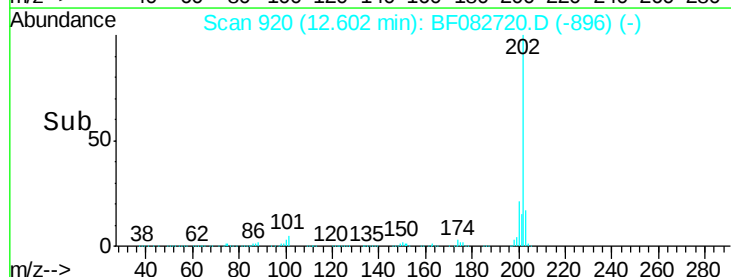
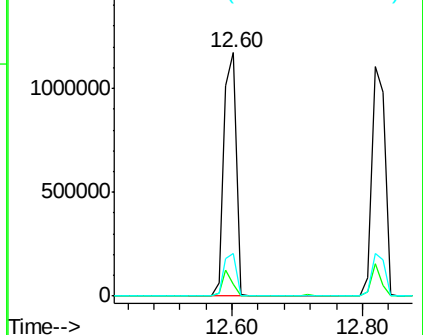
203 17.4 0.0 38.5

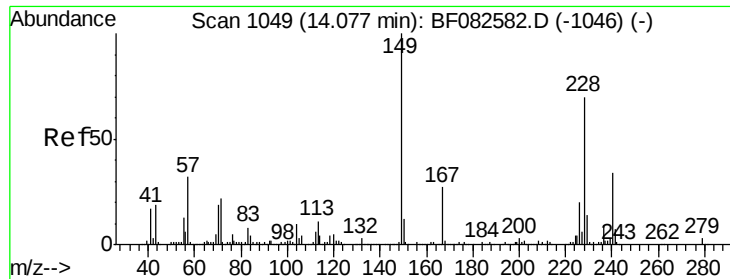


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

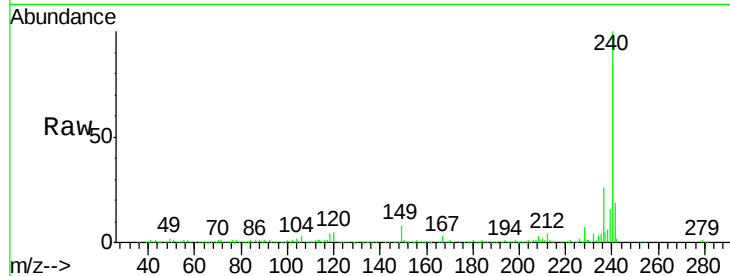
Tgt Ion:240 Resp: 586941

Ion Ratio Lower Upper

240 100

120 4.6 10.9 16.3#

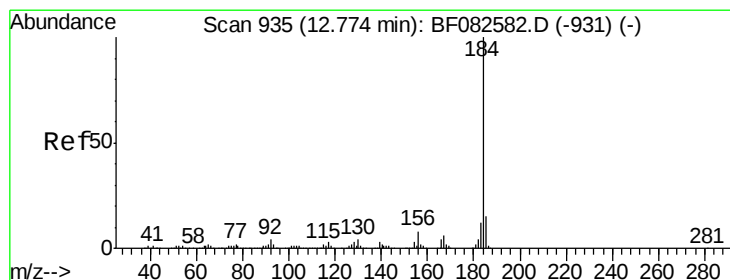
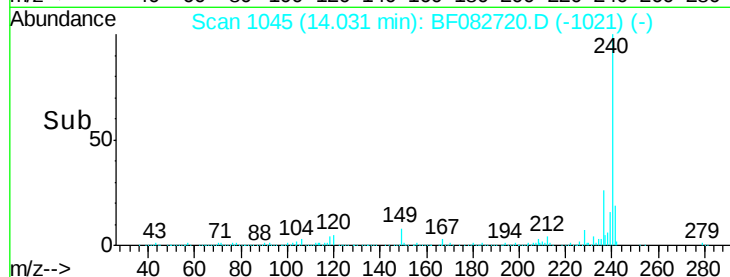
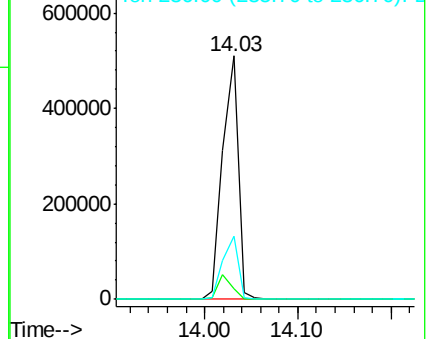
236 25.8 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.96 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

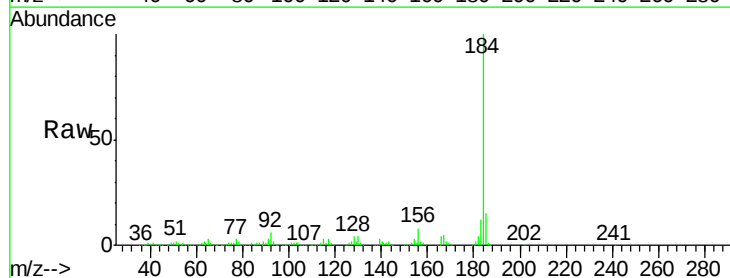
Tgt Ion:184 Resp: 660576

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

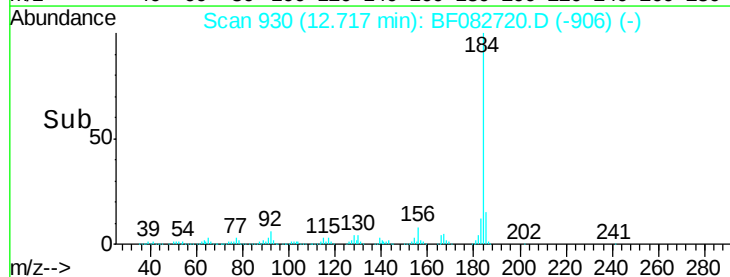
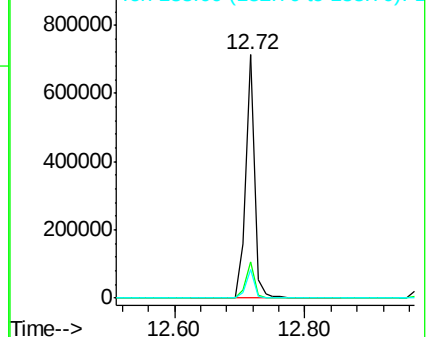
183 11.9 9.6 14.4

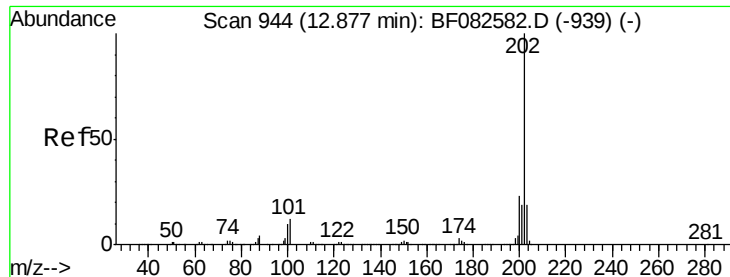


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 34.54 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

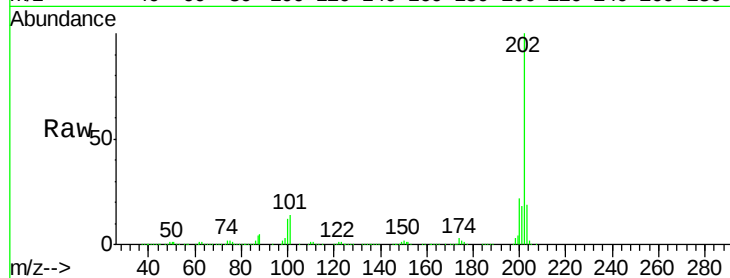
Tgt Ion:202 Resp: 1501099

Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

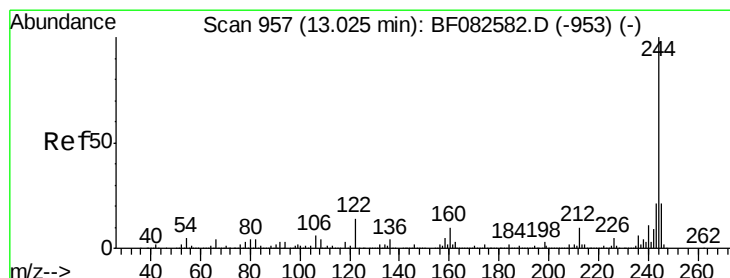
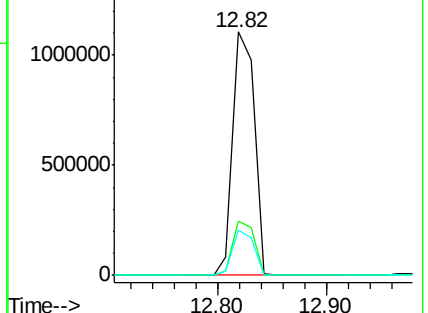
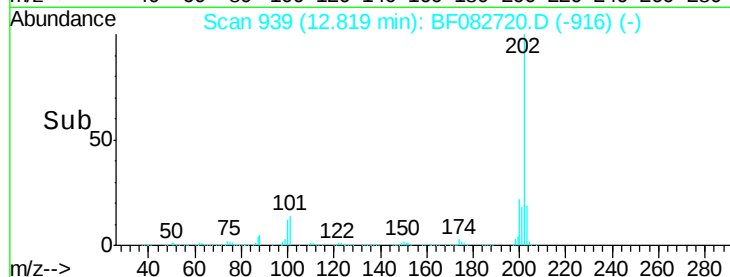
203 18.5 14.8 22.2



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: 77.12 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

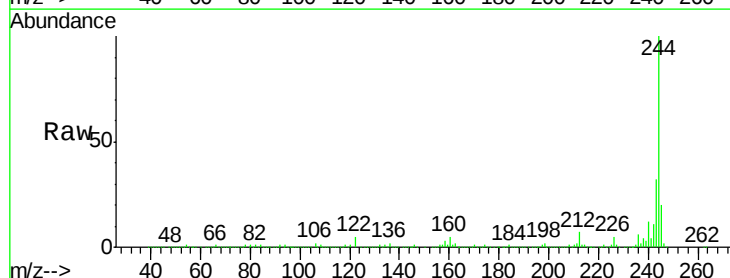
Tgt Ion:244 Resp: 2068277

Ion Ratio Lower Upper

244 100

212 7.5 7.6 11.4#

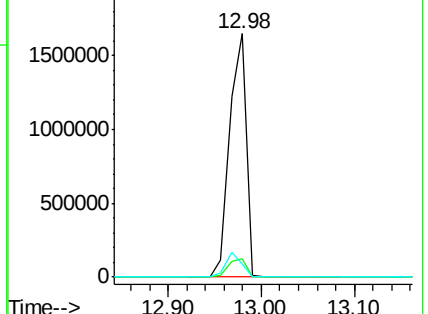
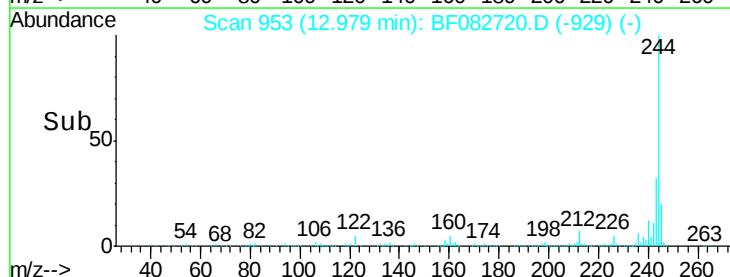
122 5.4 11.3 16.9#

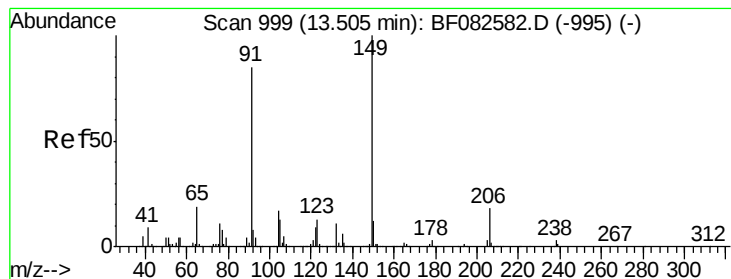


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.95 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.03 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

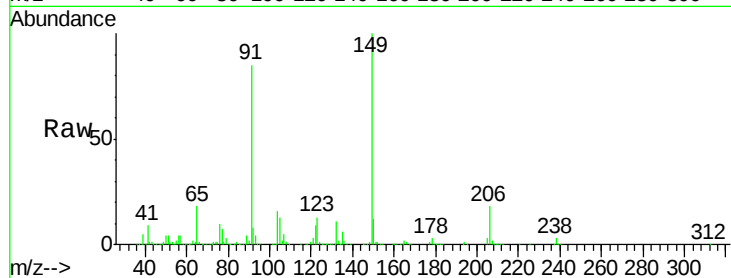
Tgt Ion:149 Resp: 722477

Ion Ratio Lower Upper

149 100

91 85.0 67.7 101.5

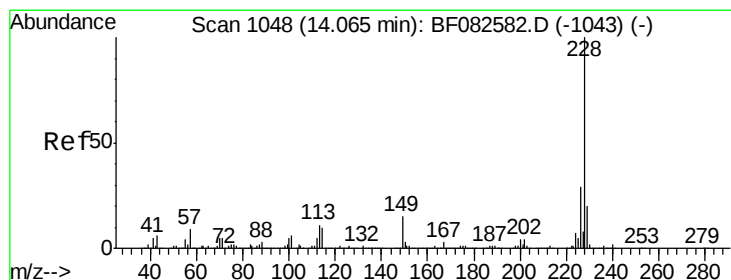
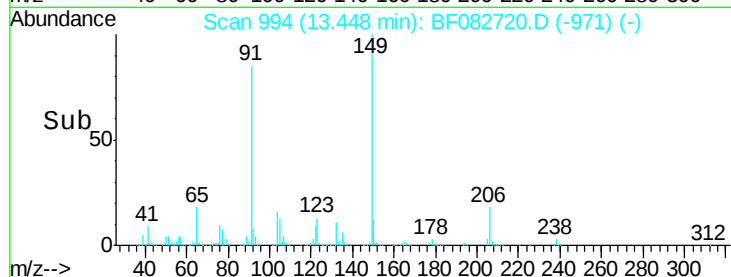
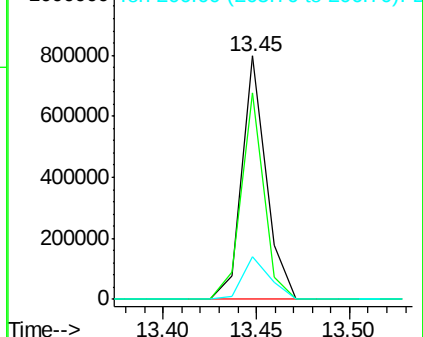
206 17.5 14.6 22.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.35 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

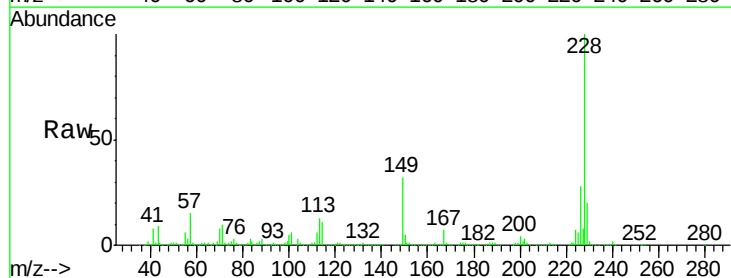
Tgt Ion:228 Resp: 1429886

Ion Ratio Lower Upper

228 100

226 27.9 23.4 35.2

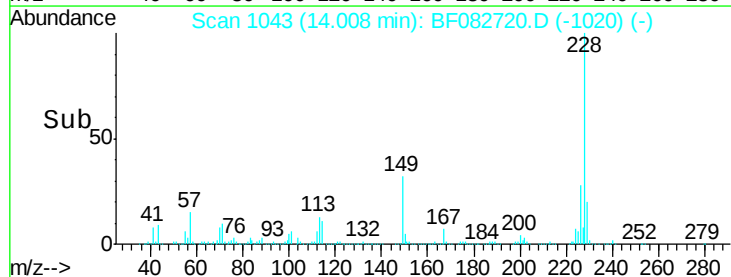
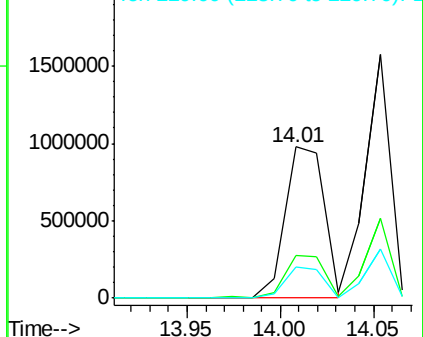
229 20.4 16.3 24.5

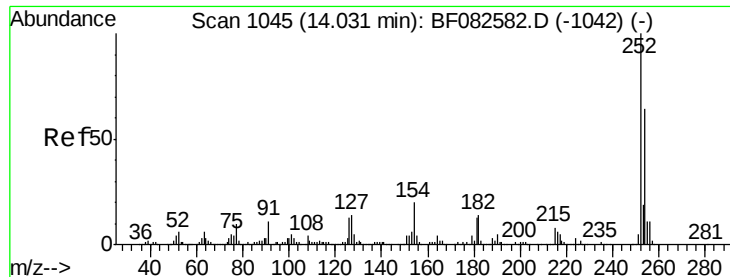


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

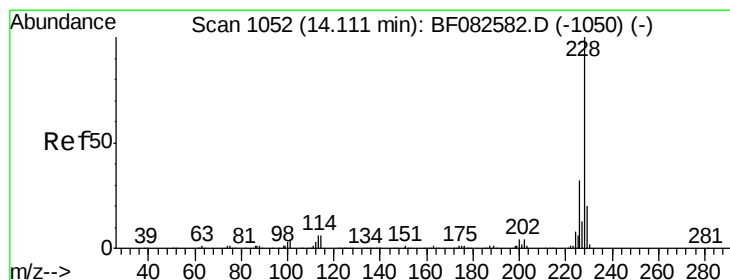
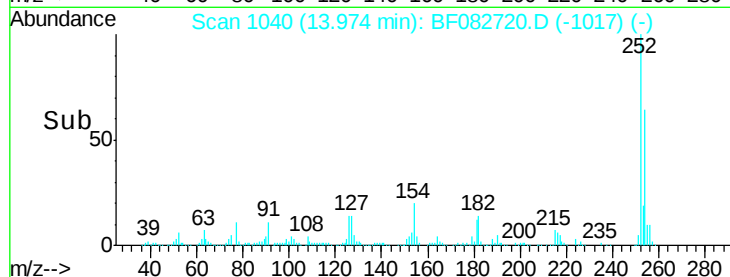
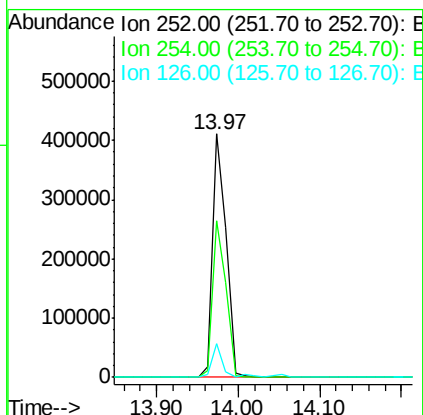
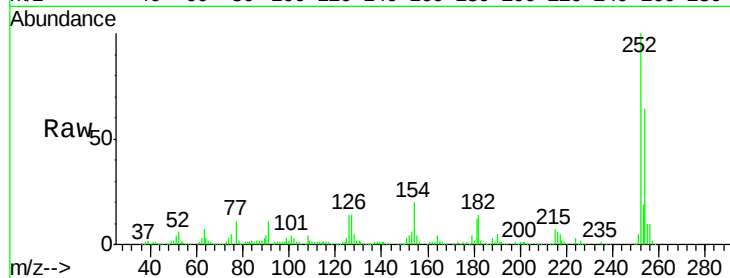




#81
 3,3'-Dichlorobenzidine
 Concen: 37.14 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

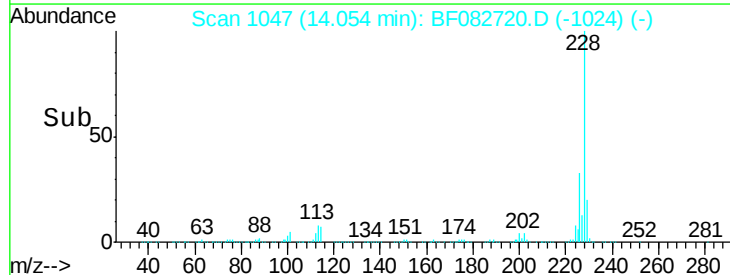
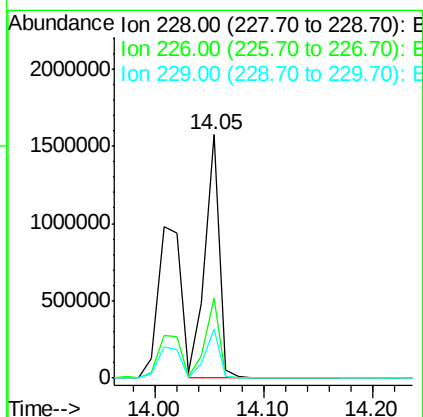
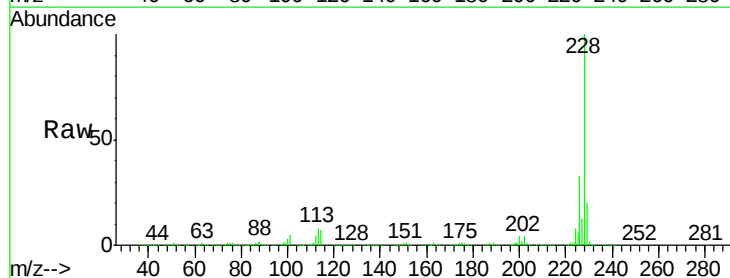
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

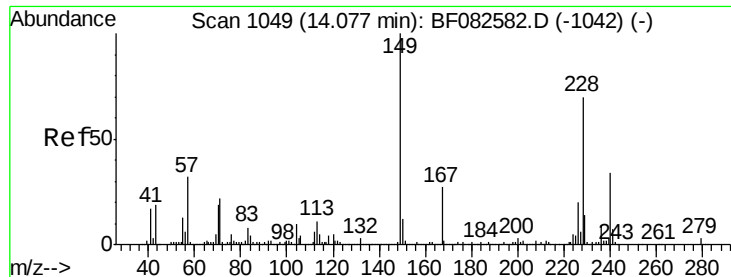
Tgt Ion:252 Resp: 477097
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.4 77.0
 126 13.6 10.7 16.1



#82
 Chrysene
 Concen: 43.21 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Tgt Ion:228 Resp: 1460385
 Ion Ratio Lower Upper
 228 100
 226 32.6 25.5 38.3
 229 20.4 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.86 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

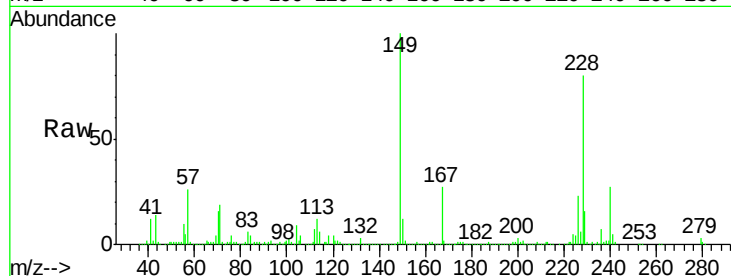
Tgt Ion:149 Resp: 1057774

Ion Ratio Lower Upper

149 100

167 27.0 21.2 31.8

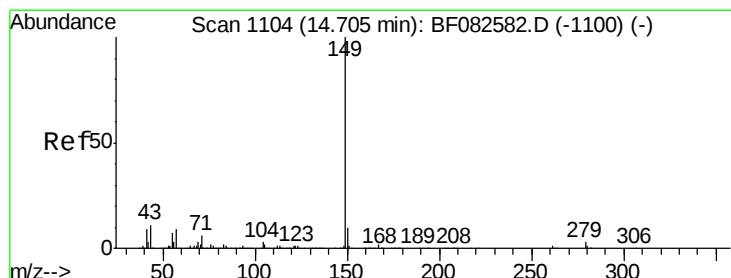
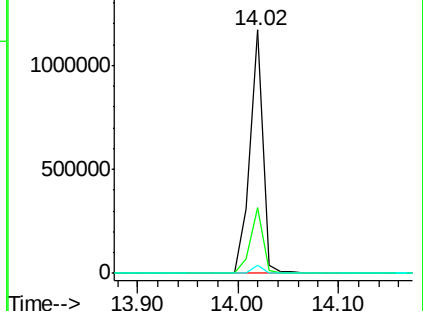
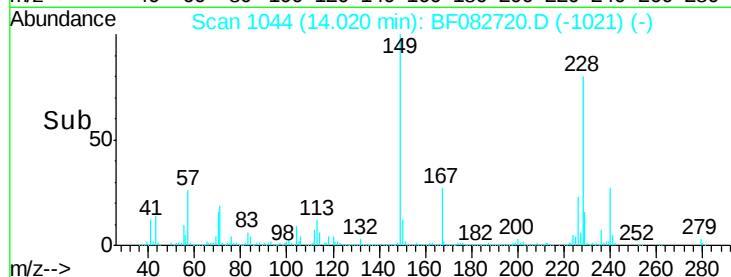
279 3.5 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.20 ng

RT: 14.64 min Scan# 1098

Delta R.T. -0.03 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

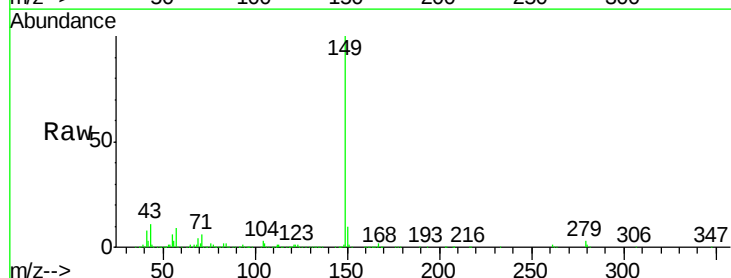
Tgt Ion:149 Resp: 1663089

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

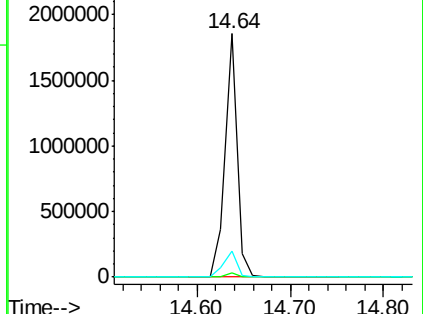
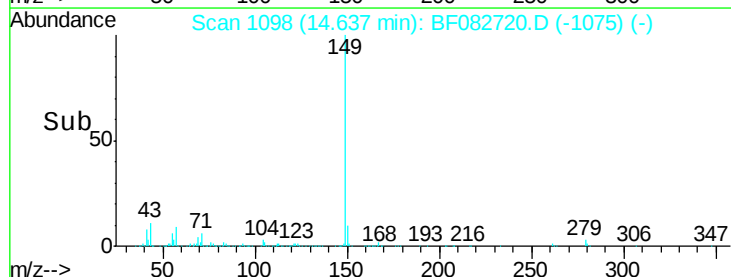
43 11.5 10.1 15.1

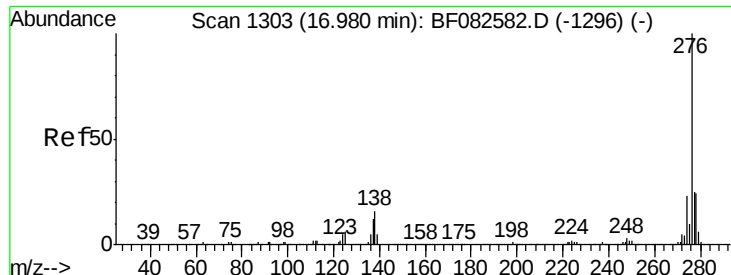


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

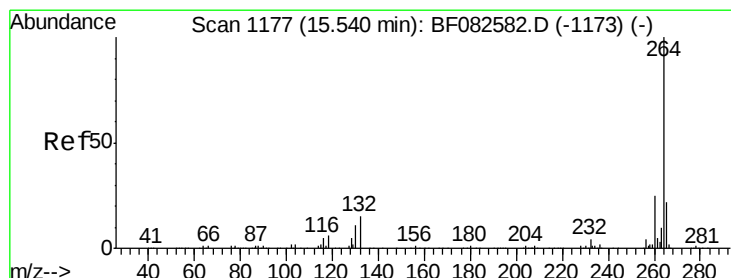
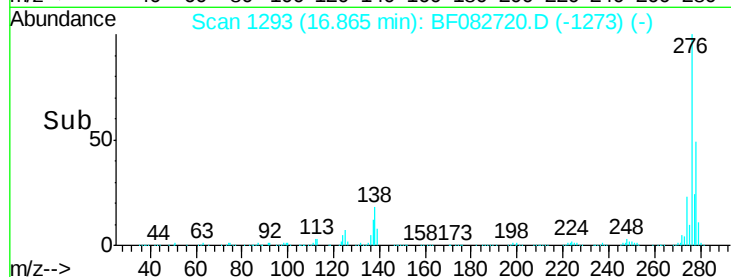
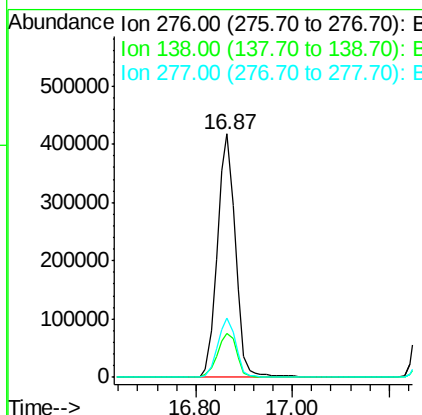
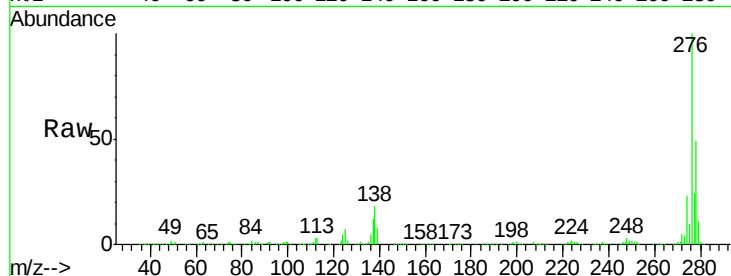




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.43 ng
 RT: 16.87 min Scan# 1293
 Delta R.T. -0.07 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

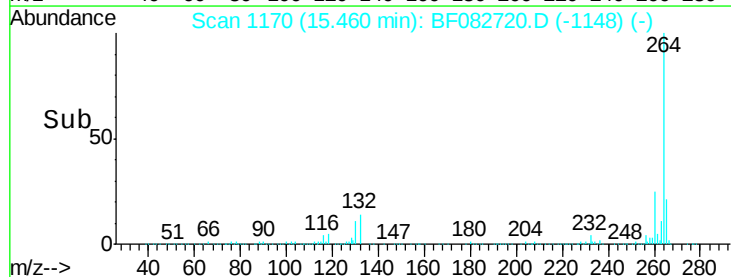
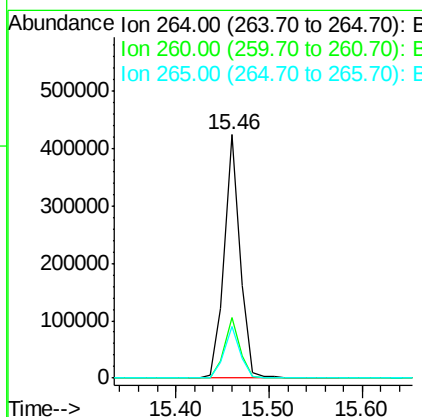
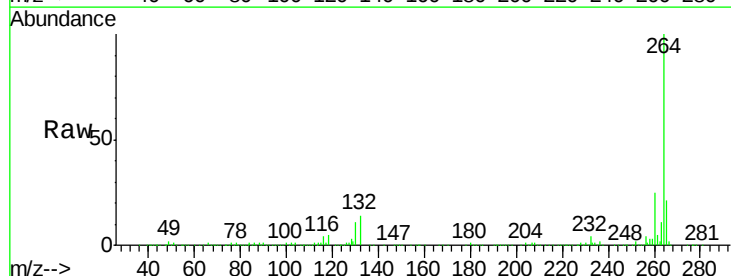
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

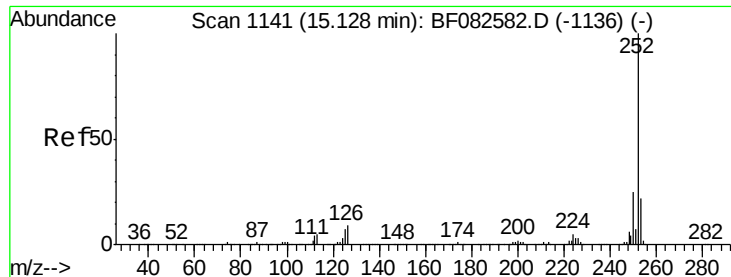
Tgt Ion: 276 Resp: 1099743
 Ion Ratio Lower Upper
 276 100
 138 19.4 15.3 22.9
 277 24.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Tgt Ion: 264 Resp: 503949
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.8 29.6
 265 21.0 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 67.90 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

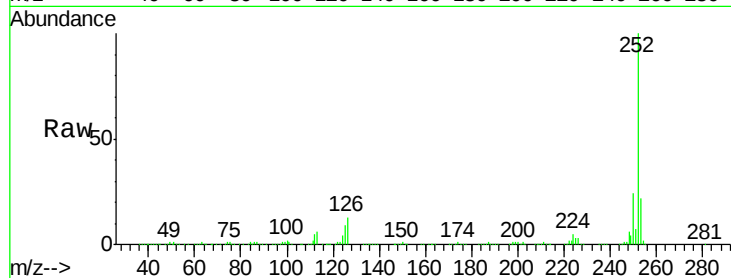
Tgt Ion:252 Resp: 2359484

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

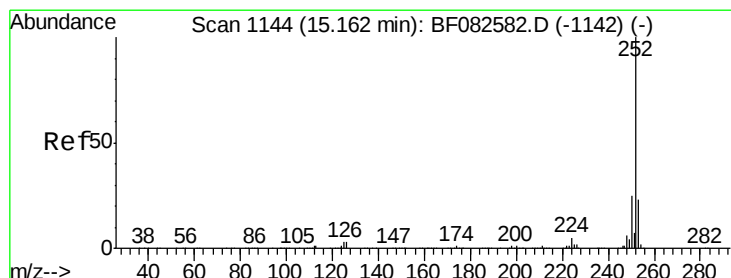
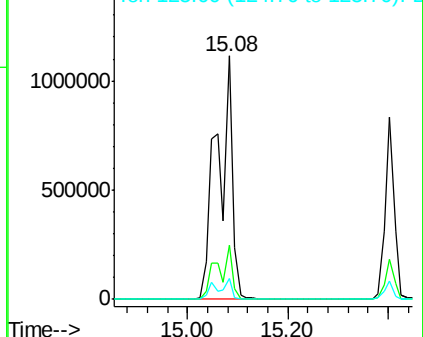
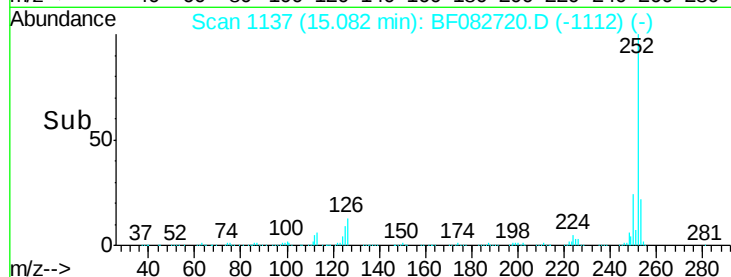
125 8.6 5.4 8.2#



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: 89.15 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.05 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

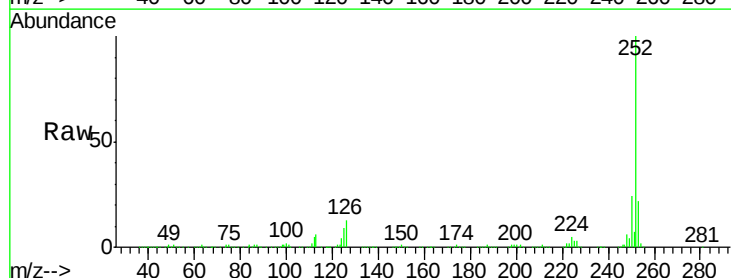
Tgt Ion:252 Resp: 2360266

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

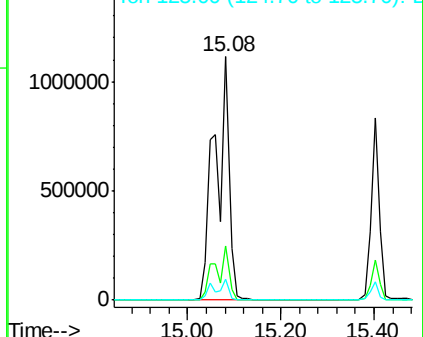
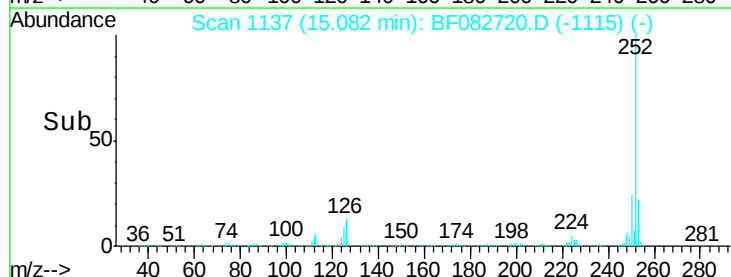
125 8.6 3.5 5.3#

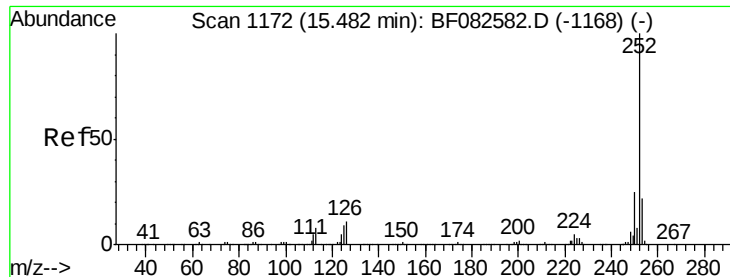


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.65 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

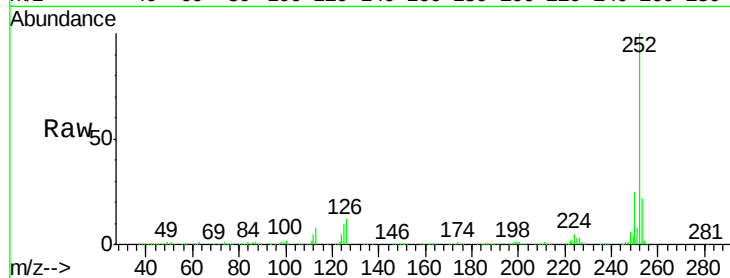
Tgt Ion:252 Resp: 1057766

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

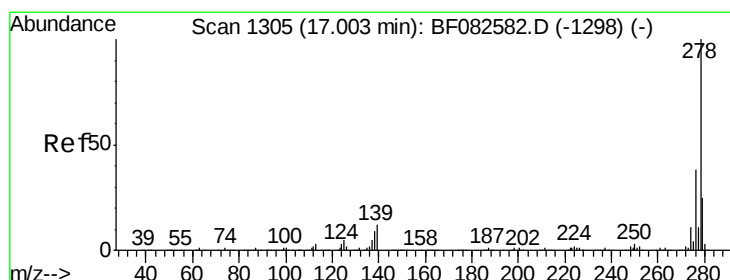
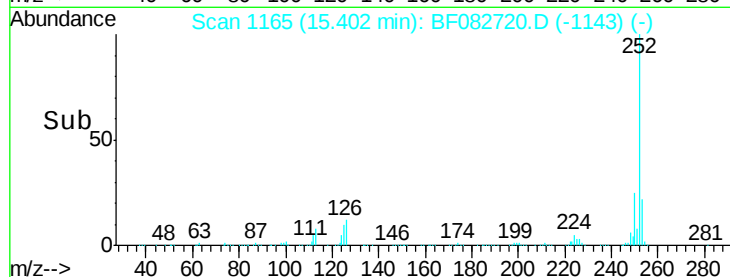
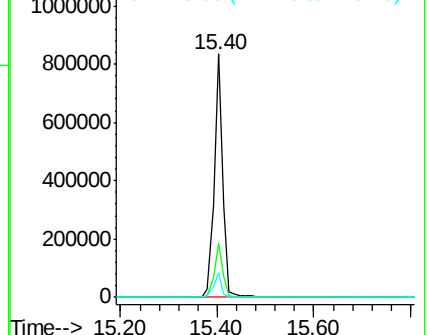
125 10.0 7.1 10.7



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



#90

Dibenzo(a,h)anthracene

Concen: 35.78 ng

RT: 16.88 min Scan# 1294

Delta R.T. -0.08 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

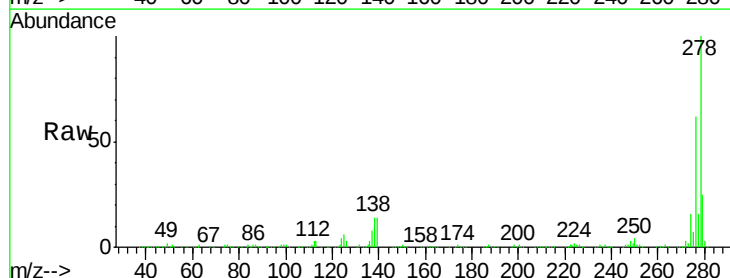
Tgt Ion:278 Resp: 913722

Ion Ratio Lower Upper

278 100

139 13.8 9.9 14.9

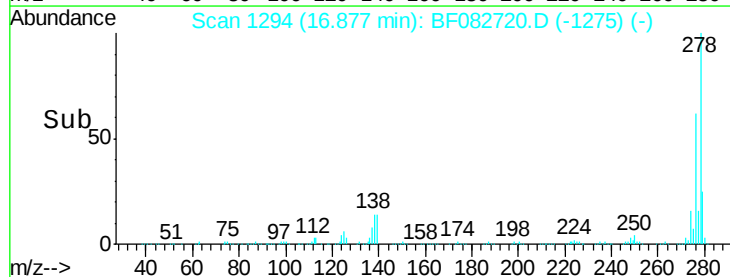
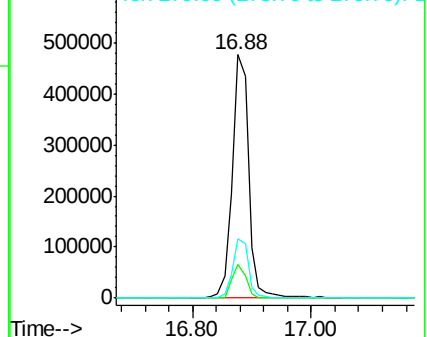
279 24.5 19.6 29.4

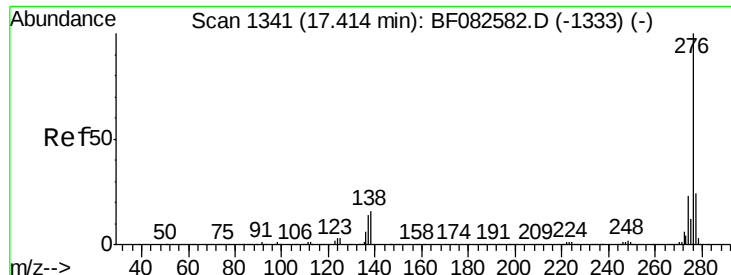


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 35.13 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.07 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

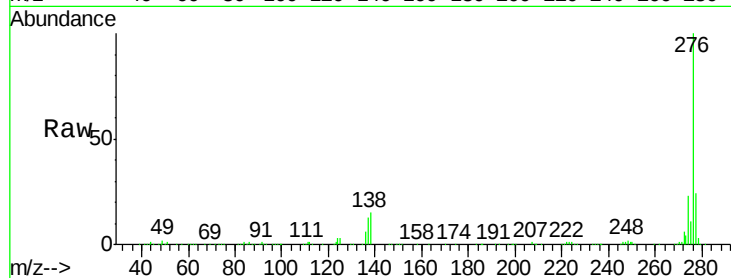
Tgt Ion: 276 Resp: 869373

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 15.3 13.1 19.7



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

