

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 01:17:19 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	6.81	146	546294m	37.88	ng	
13) 1,4-Dichlorobenzene	6.89	146	525522m	36.75	ng	
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

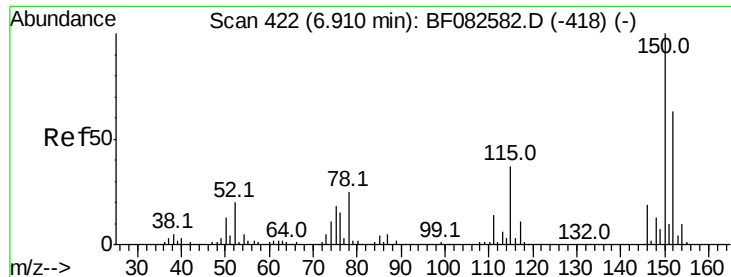
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	294653	37.38	nq	98
43) 2,4,5-Trichlorophenol	9.18	196	322001	41.00	nq	# 79
45) 1,1'-Biphenyl	9.33	154	1203872	43.56	nq	99
46) 2-Chloronaphthalene	9.36	162	908726	42.11	nq	99
47) 2-Nitroaniline	9.45	65	350398	41.77	nq	# 67
48) Acenaphthylene	9.77	152	1361383	39.44	nq	100
49) Dimethylphthalate	9.63	163	941304	35.23	nq	99
50) 2,6-Dinitrotoluene	9.69	165	215863	38.98	nq	98
51) Acenaphthene	9.94	154	806800	36.82	nq	100
52) 3-Nitroaniline	9.86	138	282489	45.85	nq	# 70
53) 2,4-Dinitrophenol	9.95	184	94686	36.10	nq	95
54) Dibenzofuran	10.11	168	1152151	38.75	nq	95
55) 4-Nitrophenol	10.01	139	167020	36.03	nq	# 81
56) 2,4-Dinitrotoluene	10.09	165	279728	37.35	nq	97
57) Fluorene	10.45	166	972341	40.55	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	242104	36.47	nq	# 93
59) Diethylphthalate	10.33	149	1016882	37.38	nq	97
60) 4-Chlorophenyl-phenylether	10.44	204	424978	36.46	nq	# 74
61) 4-Nitroaniline	10.46	138	228542	38.87	nq	91
62) Azobenzene	10.60	77	1094267	35.67	nq	88
64) 4,6-Dinitro-2-methylphenol	10.50	198	178720	45.21	nq	93
65) n-Nitrosodiphenylamine	10.57	169	906267	40.22	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	272145	36.64	nq	# 75
67) Hexachlorobenzene	11.00	284	298250	36.22	nq	# 83
68) Atrazine	11.09	200	283031	38.40	nq	97
69) Pentachlorophenol	11.20	266	202313	37.25	nq	98
70) Phenanthrene	11.41	178	1518885	41.09	nq	99
71) Anthracene	11.46	178	1346846	36.19	nq	99
72) Carbazole	11.62	167	1375815	42.44	nq	97
73) Di-n-butylphthalate	11.96	149	1653101	40.05	nq	# 96
74) Fluoranthene	12.60	202	1555893	41.17	nq	93
76) Benzidine	12.72	184	660576	24.96	nq	100
77) Pyrene	12.82	202	1501099	34.54	nq	99
79) Butylbenzylphthalate	13.45	149	722477	37.95	nq	99
80) Benzo(a)anthracene	14.01	228	1429886	38.35	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	477097	37.14	nq	100
82) Chrysene	14.05	228	1460385	43.21	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1057774	42.86	nq	# 99
84) Di-n-octyl phthalate	14.64	149	1663089	43.20	nq	97
85) Indeno(1,2,3-cd)pyrene	16.87	276	1099743	39.43	nq	99
87) Benzo(b)fluoranthene	15.06	252	1389663m	39.99	nq	
88) Benzo(k)fluoranthene	15.08	252	962756m	36.37	nq	
89) Benzo(a)pyrene	15.40	252	1057766	38.65	nq	98
90) Dibenzo(a,h)anthracene	16.88	278	913722	35.78	nq	99
91) Benzo(g,h,i)perylene	17.29	276	869373	35.13	nq	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

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

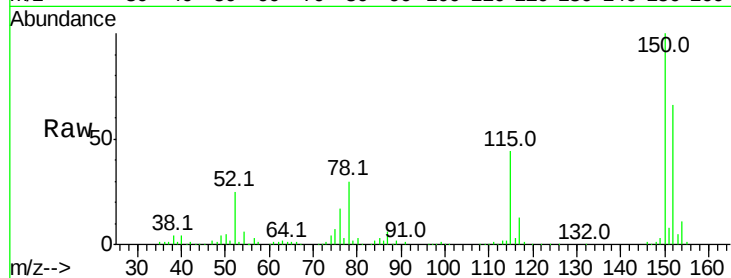
Tot Ion:152 Resp: 176035

Ion Ratio Lower Upper

152 100

150 152.0 127.0 190.4

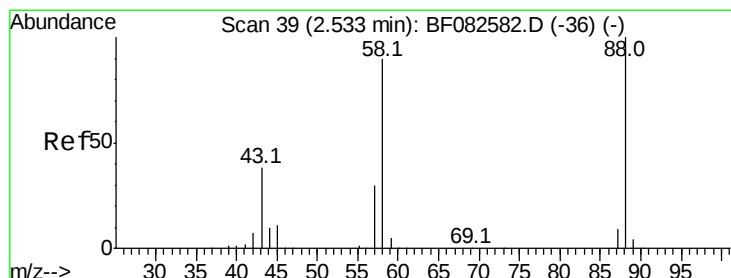
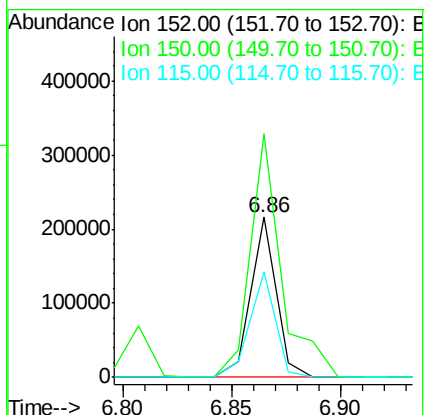
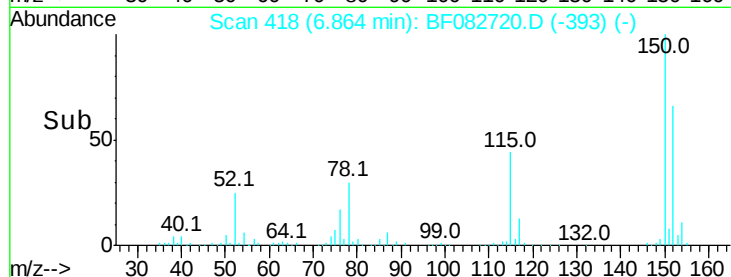
115 66.2 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 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

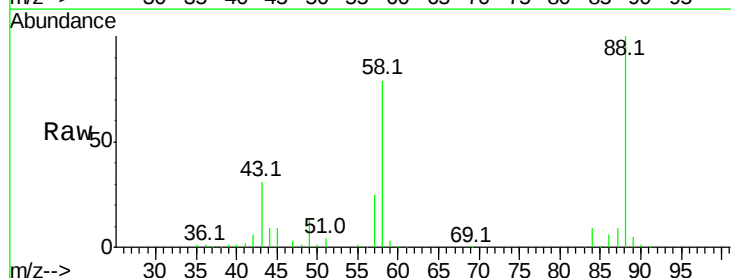
Tgt Ion: 88 Resp: 173115

Ion Ratio Lower Upper

88 100

58 82.5 62.0 93.0

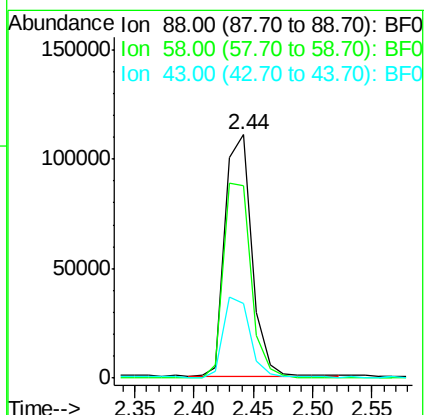
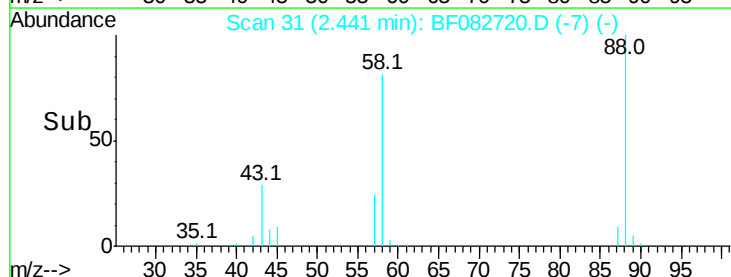
43 33.3 26.6 40.0

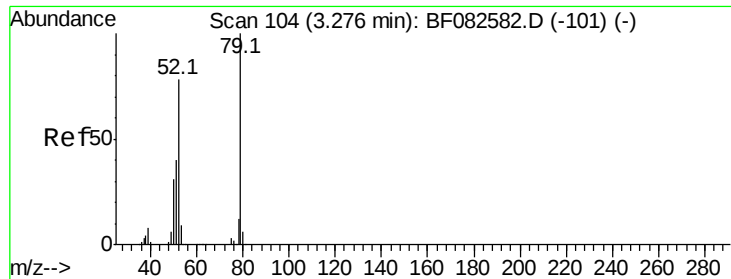


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

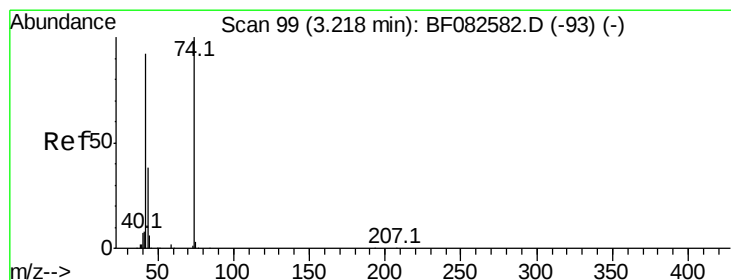
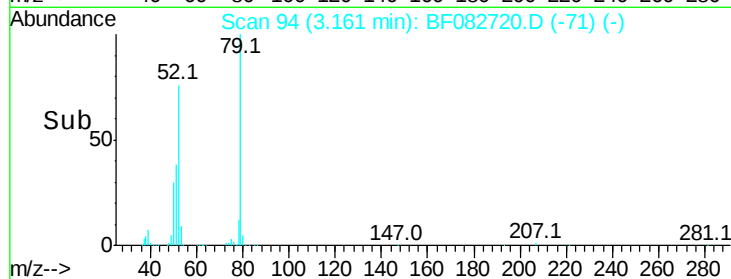
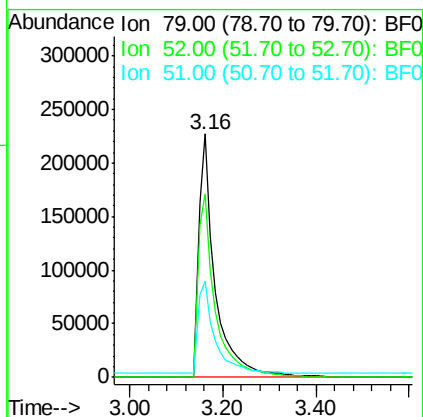
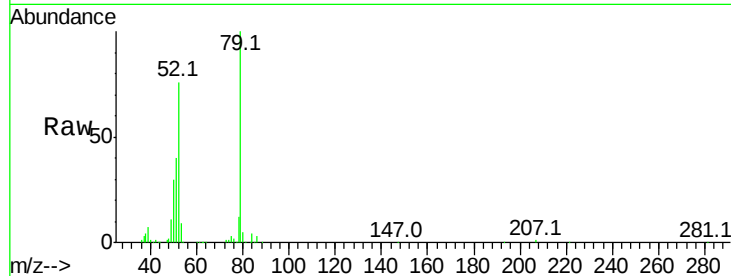




#3
 Pvridine
 Concen: 34.90 ng
 RT: 3.16 min Scan# 94
 Delta R.T. -0.03 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

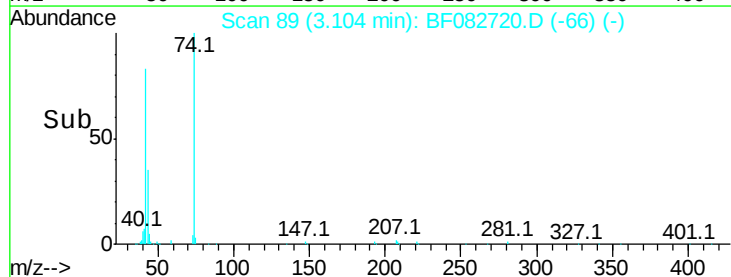
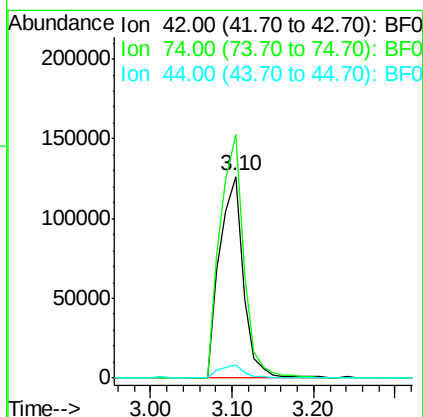
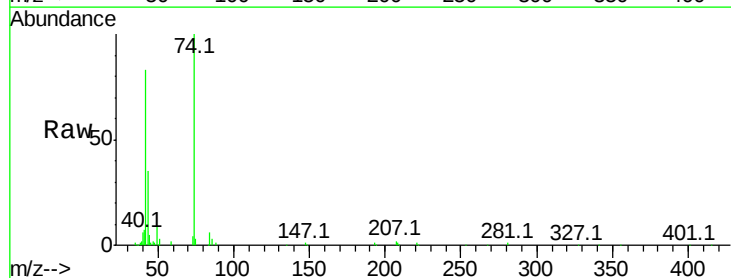
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

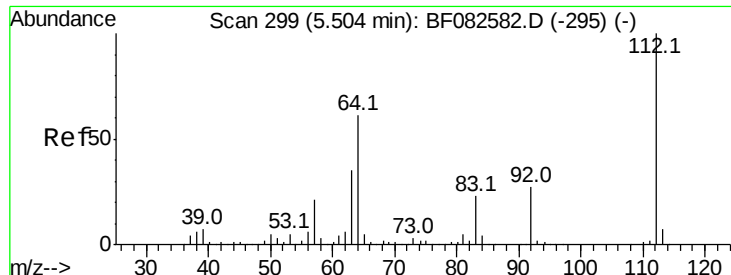
Tot Ion: 79 Resp: 552820
 Ion Ratio Lower Upper
 79 100
 52 75.5 62.8 94.2
 51 39.6 32.0 48.0



#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





#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 :

BNA_F

ClientSampleId :

SSTDCCC040

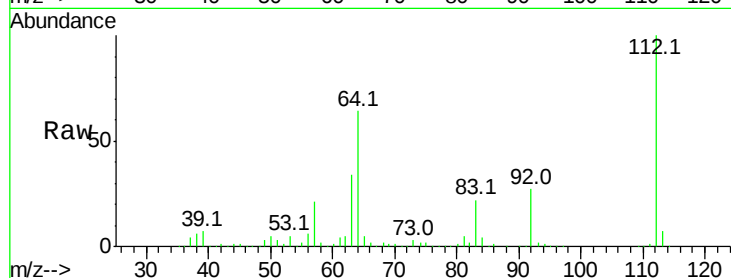
Tot Ion:112 Resp: 863034

Ion Ratio Lower Upper

112 100

64 64.0 48.9 73.3

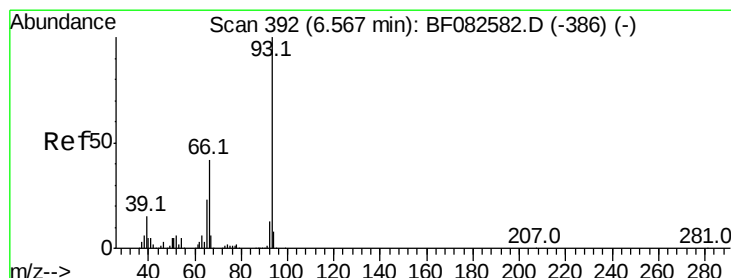
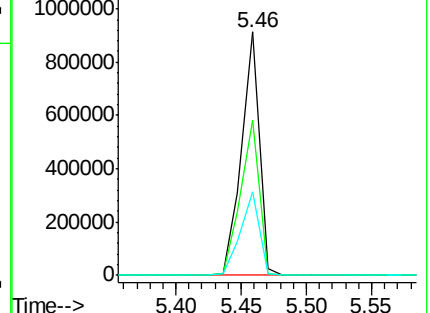
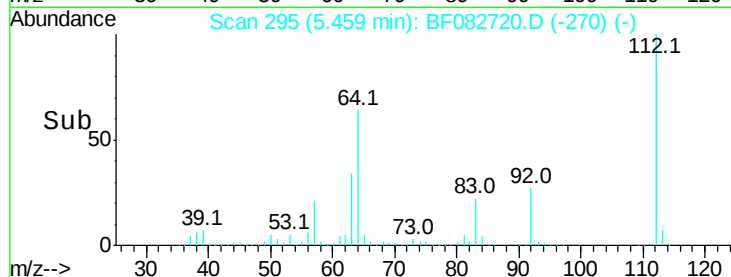
63 34.3 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

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

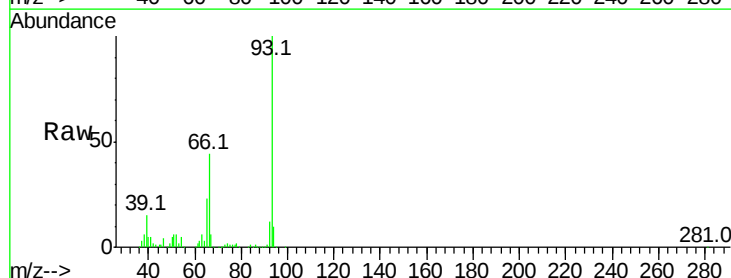
Tgt Ion: 93 Resp: 732550

Ion Ratio Lower Upper

93 100

66 43.7 33.6 50.4

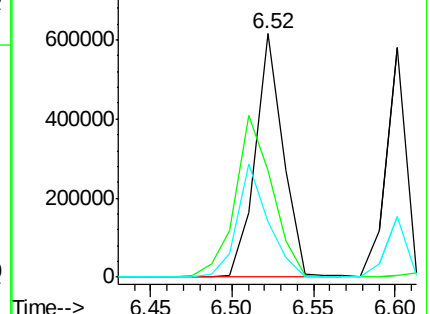
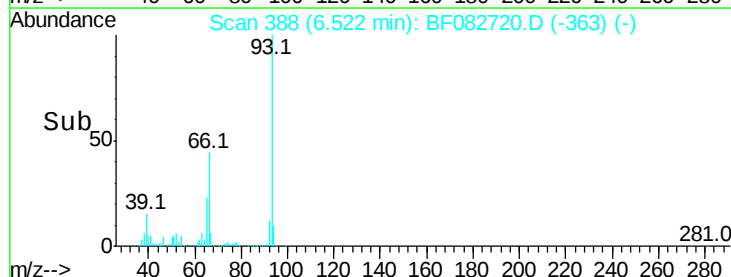
65 22.8 18.1 27.1

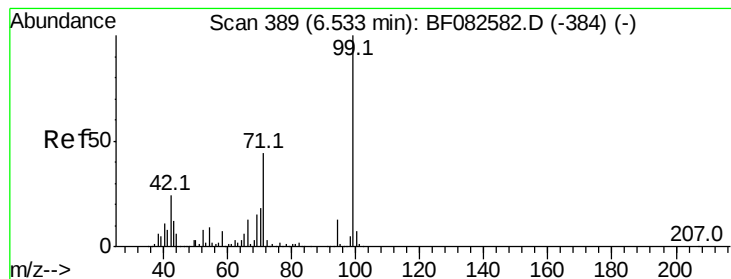


Abundance Ion 93.00 (92.70 to 93.70): BF0

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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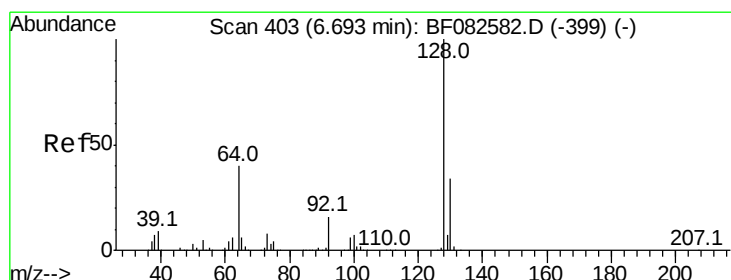
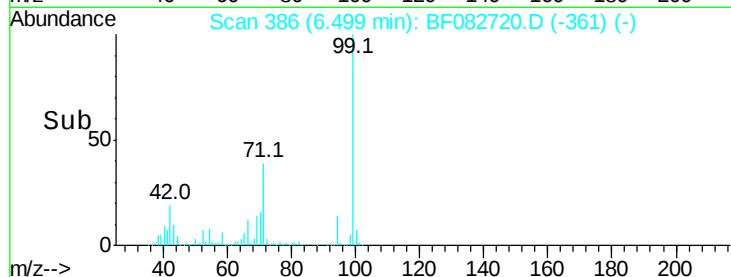
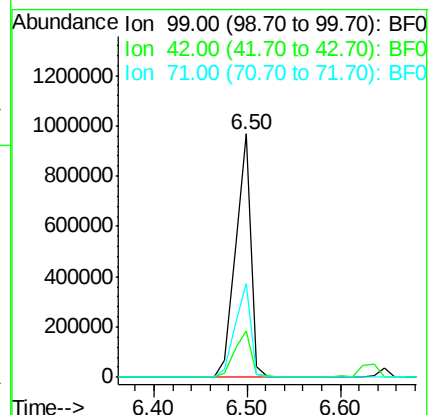
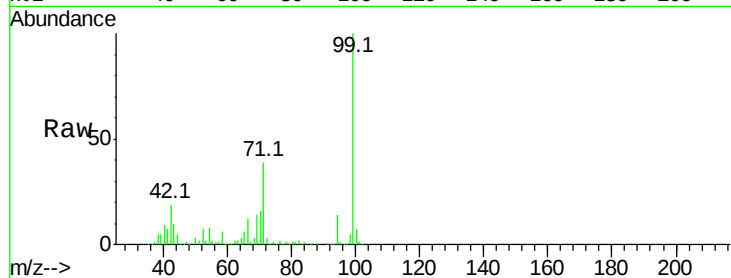
Tot Ion: 99 Resp: 1107401

Ion Ratio Lower Upper

99 100

42 19.3 19.2 28.8

71 38.8 35.0 52.4



#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

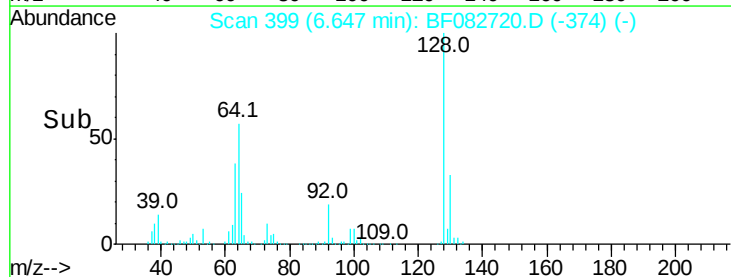
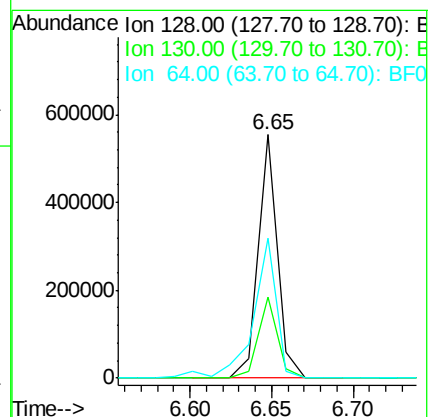
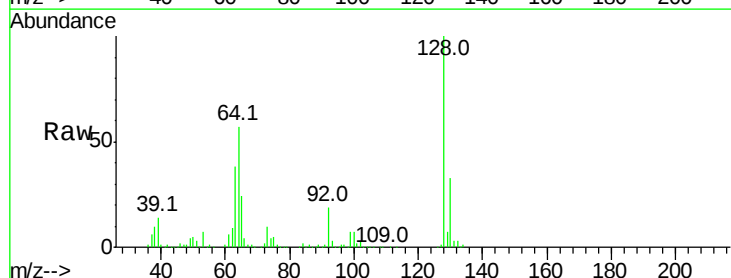
Tgt Ion: 128 Resp: 452781

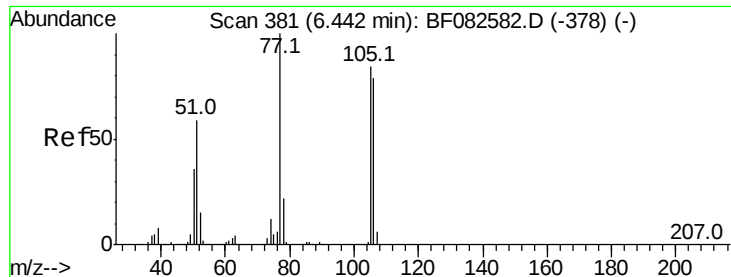
Ion Ratio Lower Upper

128 100

130 33.2 13.5 53.5

64 57.3 21.1 61.1





#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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SSTDCCC040

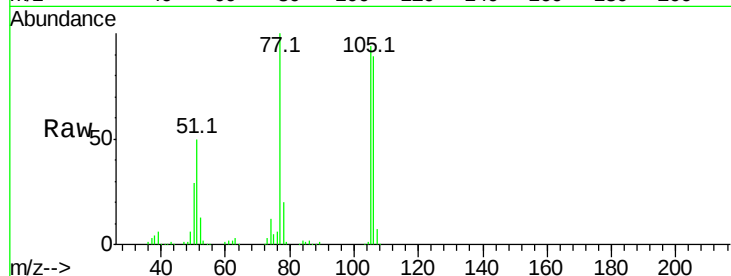
Tot Ion: 77 Resp: 335801

Ion Ratio Lower Upper

77 100

105 93.8 63.5 103.5

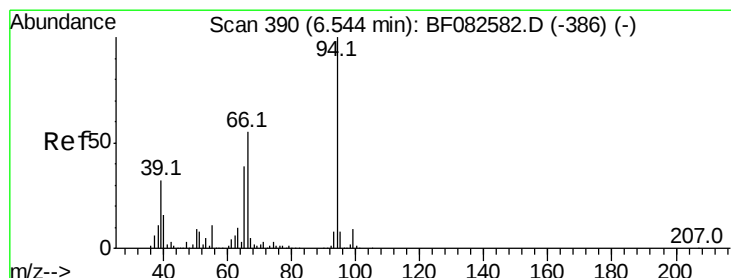
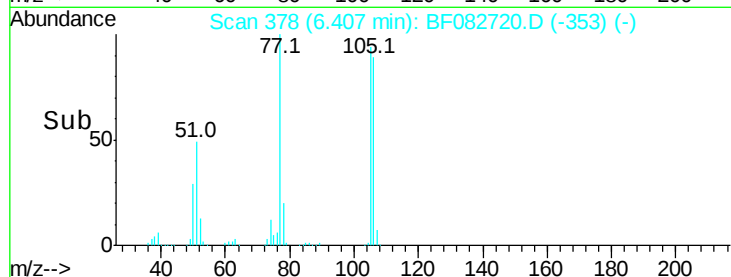
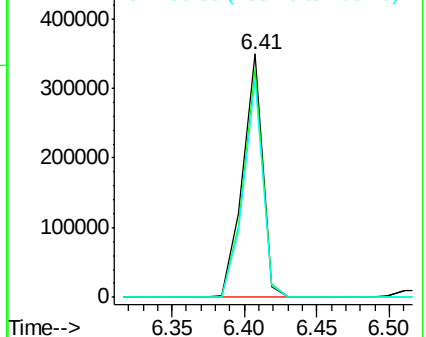
106 89.2 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 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

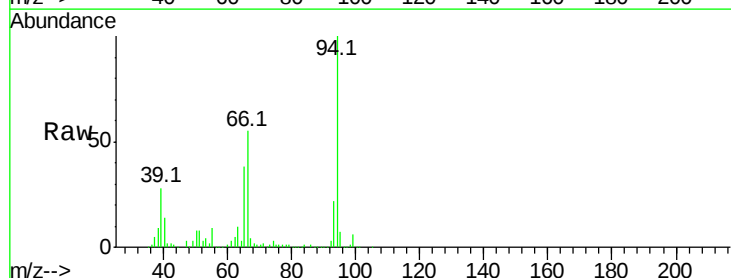
Tgt Ion: 94 Resp: 667721

Ion Ratio Lower Upper

94 100

65 38.0 18.9 58.9

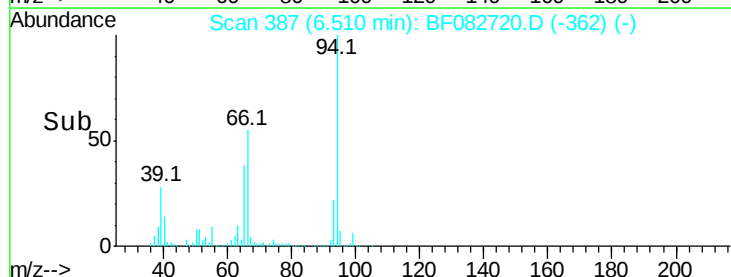
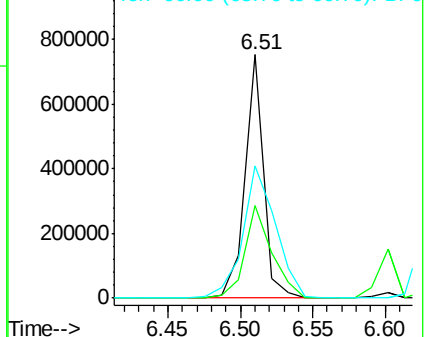
66 54.5 34.9 74.9

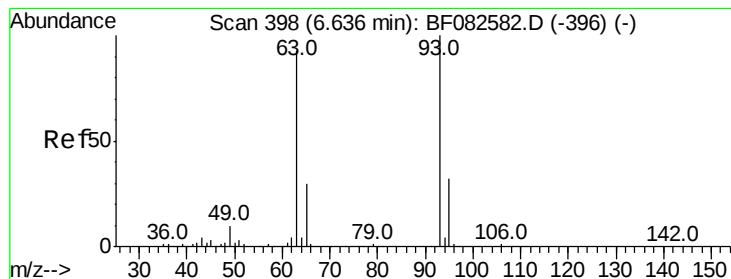


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 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

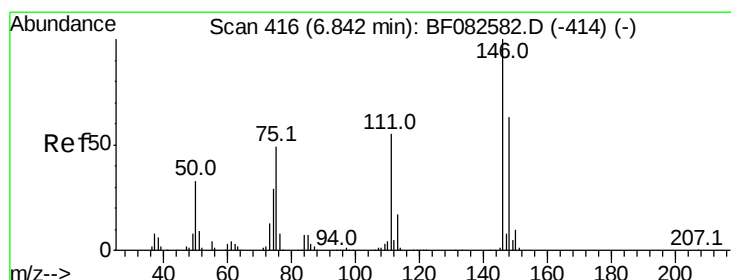
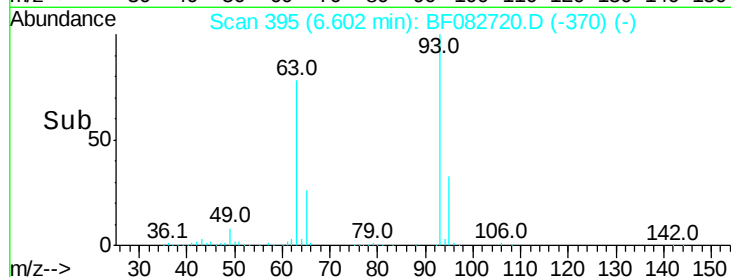
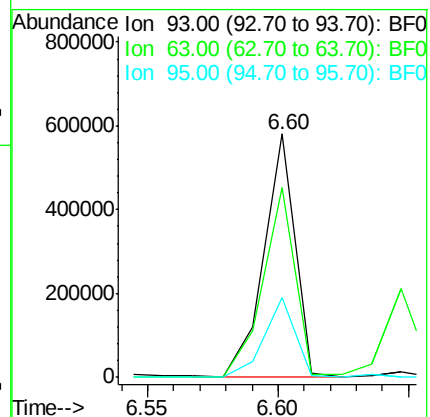
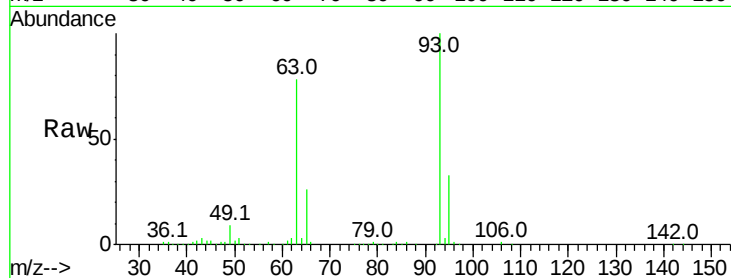
Tot Ion: 93 Resp: 485204

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: 37.88 ng m

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

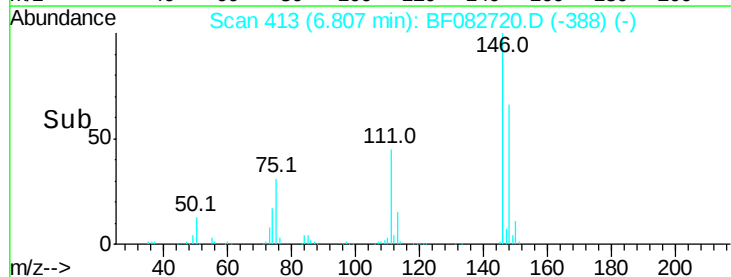
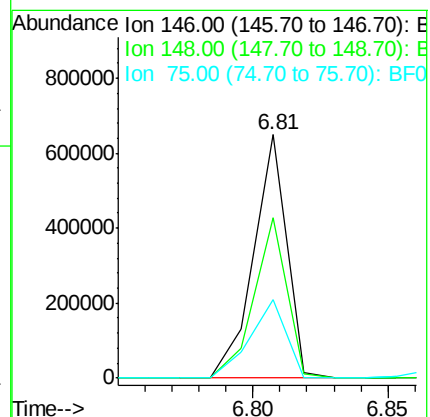
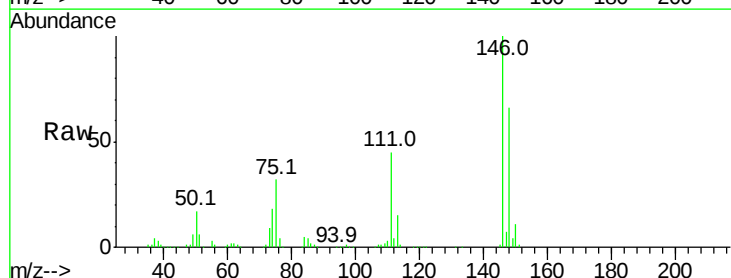
Tgt Ion: 146 Resp: 546294

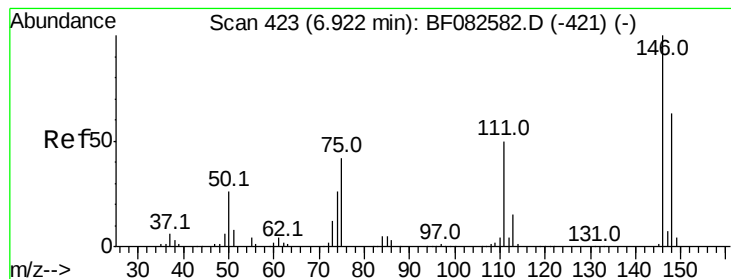
Ion Ratio Lower Upper

146 100

148 65.7 50.5 75.7

75 32.1 39.5 59.3#





#13

1,4-Dichlorobenzene

Concen: 36.75 ng/mL

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

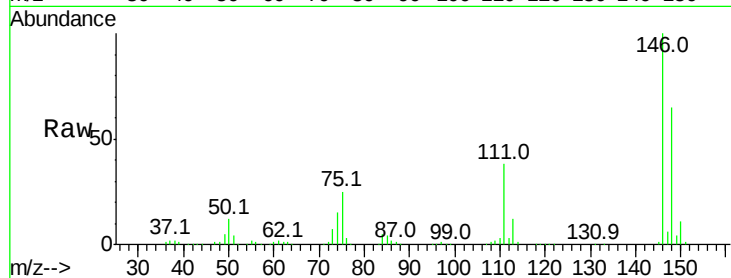
Tot Ion:146 Resp: 525522

Ion Ratio Lower Upper

146 100

148 65.4 50.8 76.2

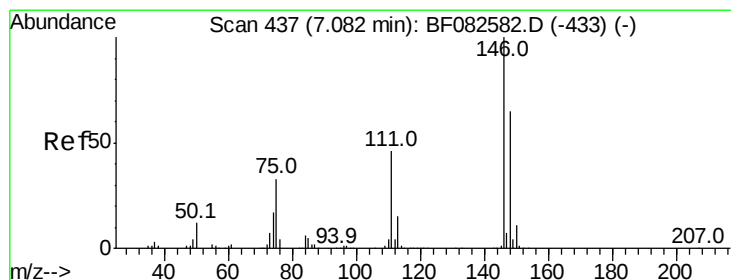
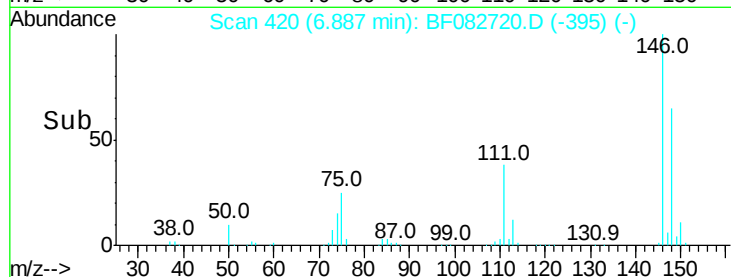
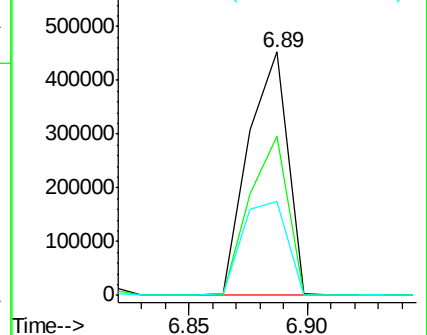
111 38.4 40.6 60.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.70 ng/mL

RT: 7.04 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

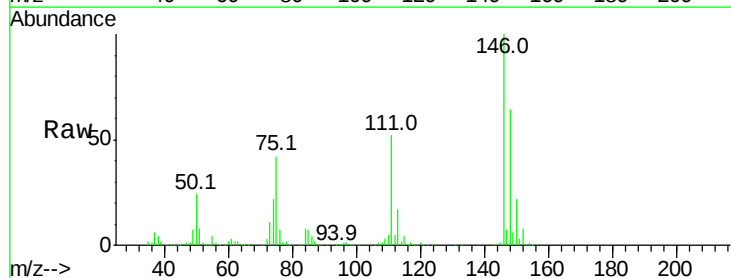
Tgt Ion:146 Resp: 473955

Ion Ratio Lower Upper

146 100

148 64.1 52.2 78.4

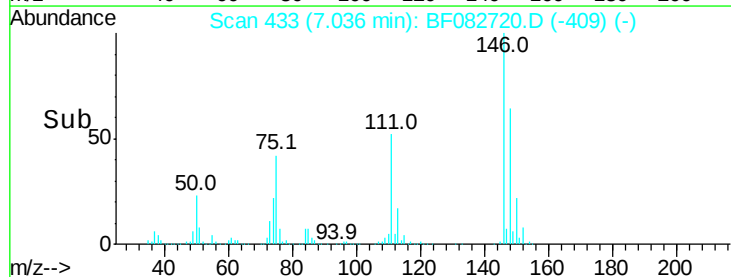
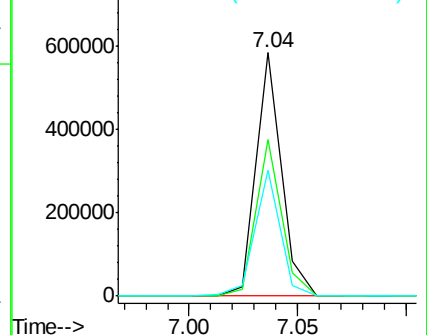
111 51.7 36.6 55.0

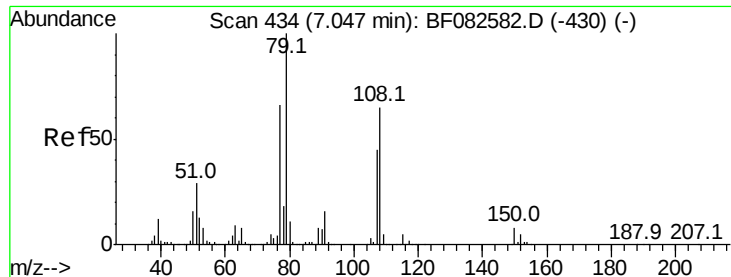


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 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

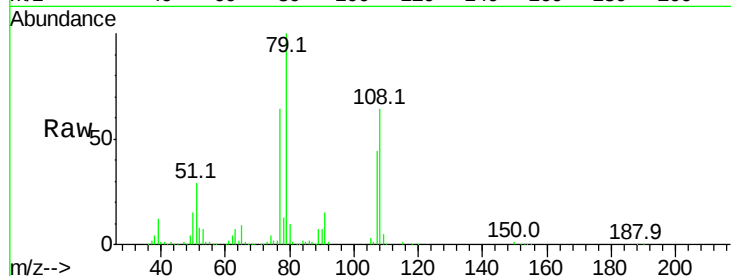
Tot Ion: 79 Resp: 474982

Ion Ratio Lower Upper

79 100

108 63.9 52.2 78.4

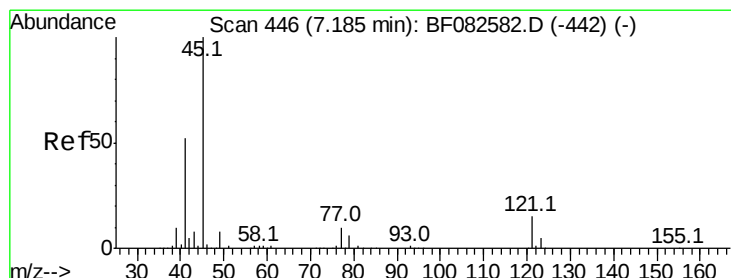
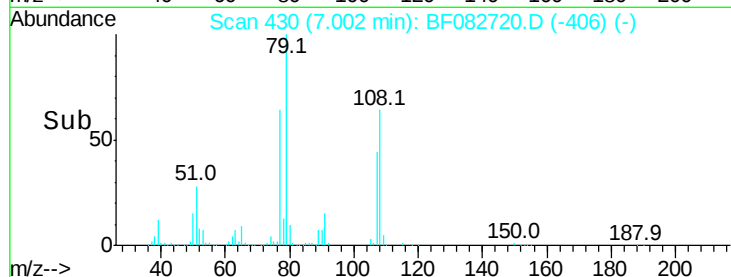
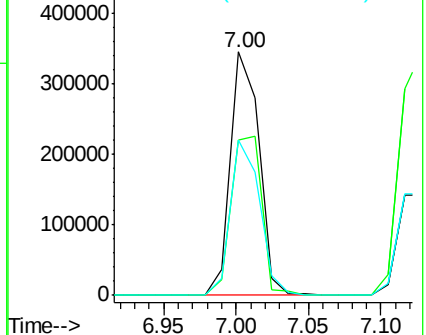
77 63.6 52.7 79.1



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

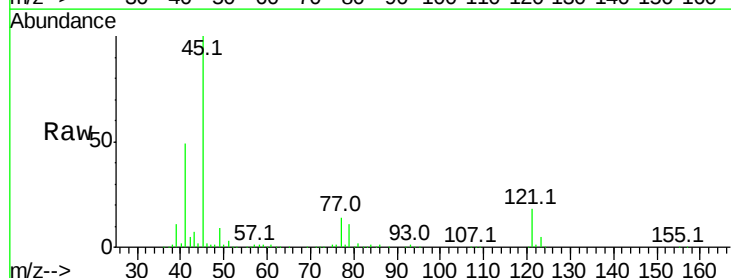
Tgt Ion: 45 Resp: 664758

Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.6

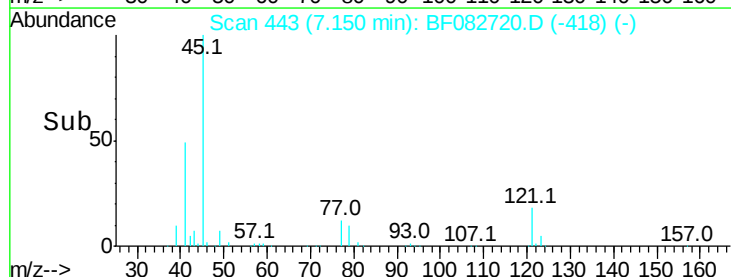
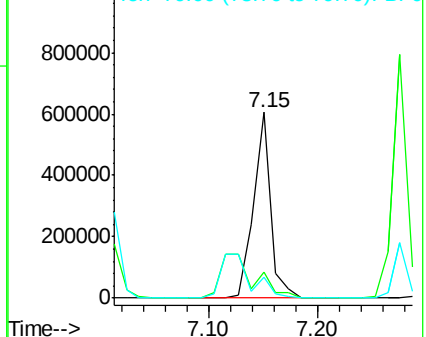
79 11.0 0.0 29.2

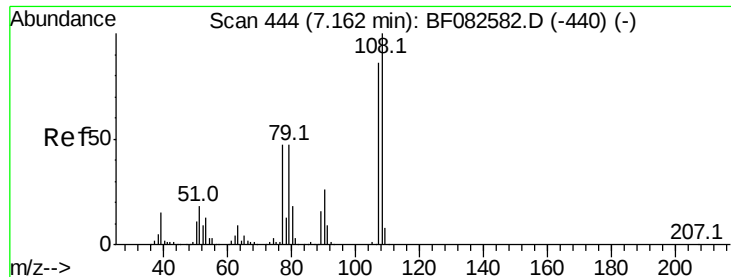


Abundance Ion 45.00 (44.70 to 45.70): BF0

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

Tot Ion:107 Resp: 401351

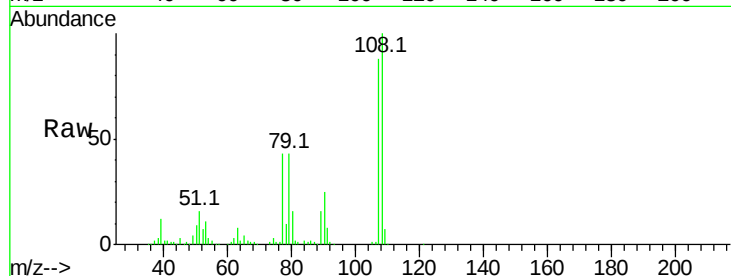
Ion Ratio Lower Upper

107 100

108 113.7 93.0 139.4

77 48.6 44.1 66.1

79 48.4 43.6 65.4

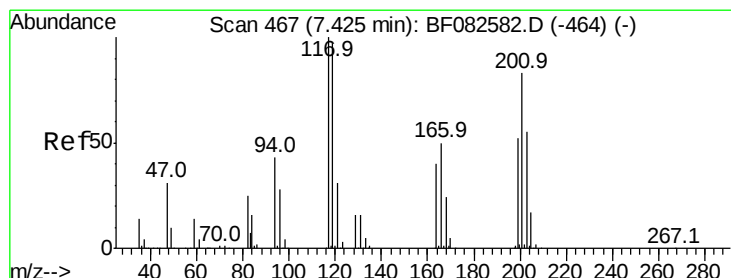
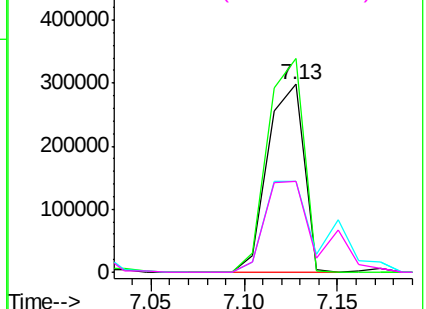
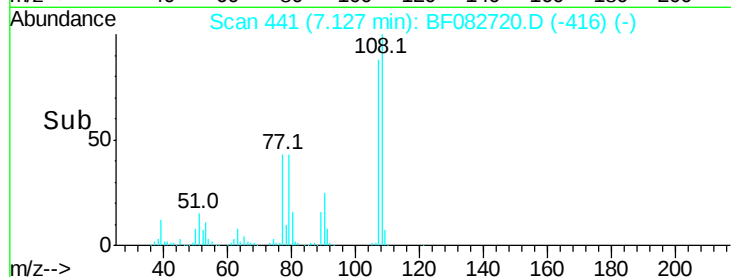


Abundance Ion 107.00 (106.70 to 107.70): E

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

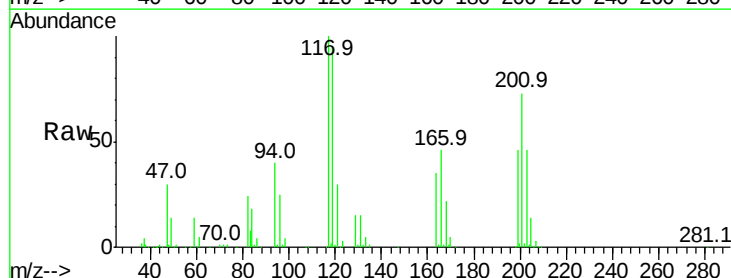
Tgt Ion:117 Resp: 191024

Ion Ratio Lower Upper

117 100

119 95.2 77.7 116.5

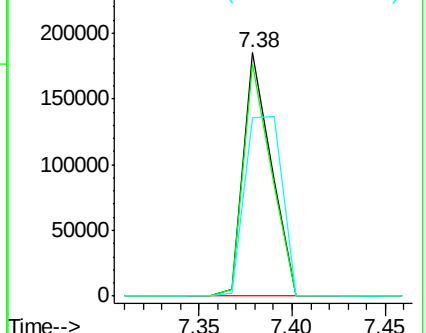
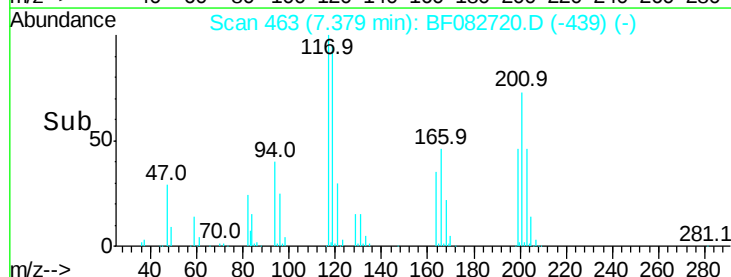
201 73.0 66.7 100.1

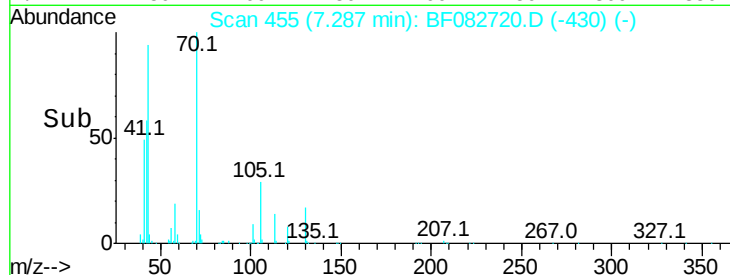
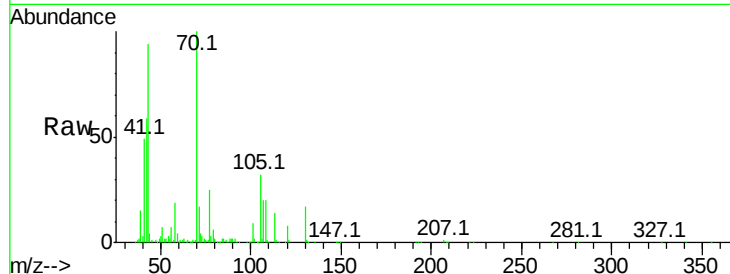
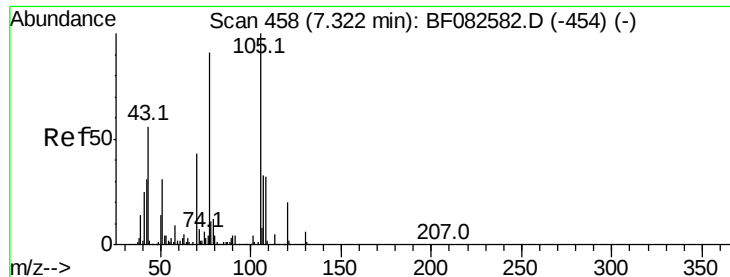


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

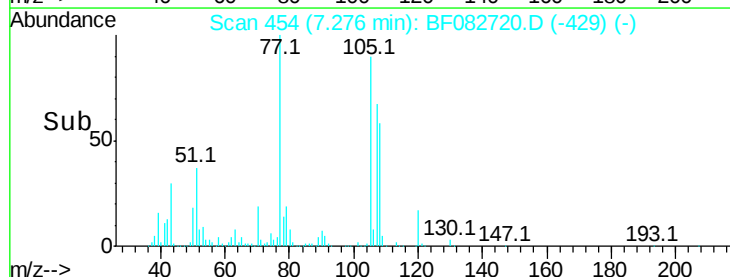
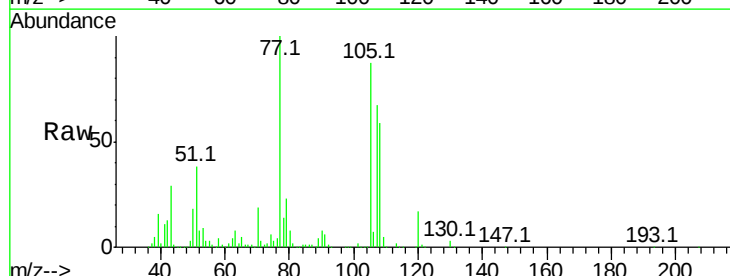
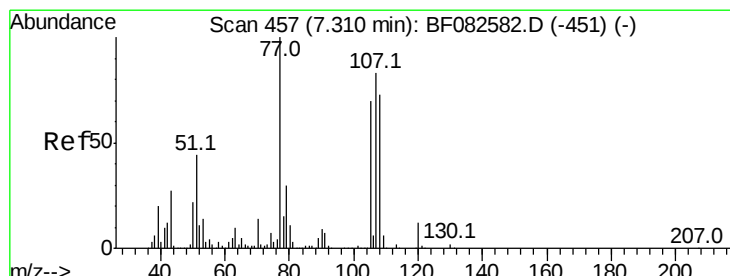
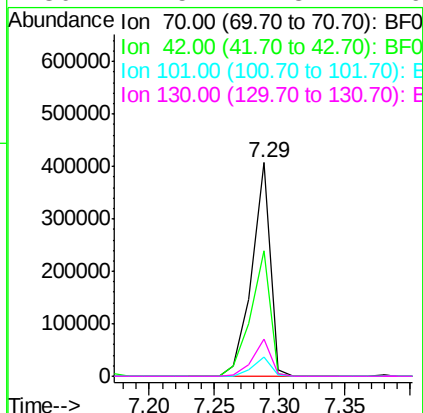




#19
n-Nitroso-di-n-propylamine
Concen: 34.33 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

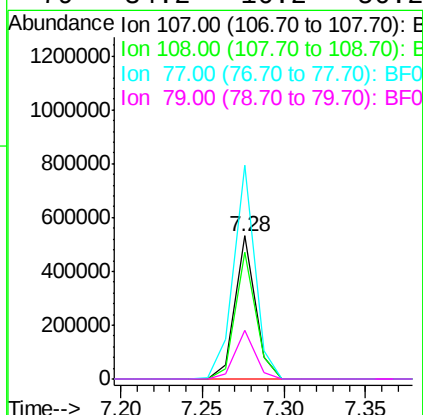
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

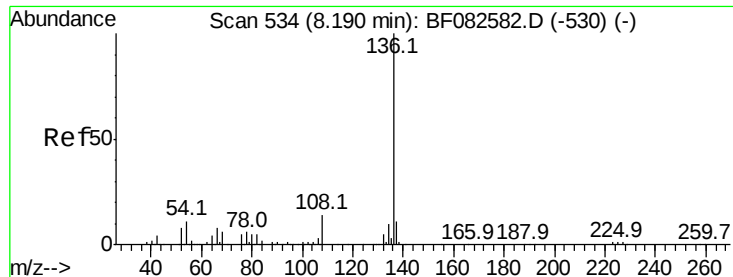
Tot Ion:	70	Resp:	404063
Ion	Ratio	Lower	Upper
70	100		
42	58.8	57.7	86.5
101	9.0	7.0	10.6
130	17.5	11.8	17.6



#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

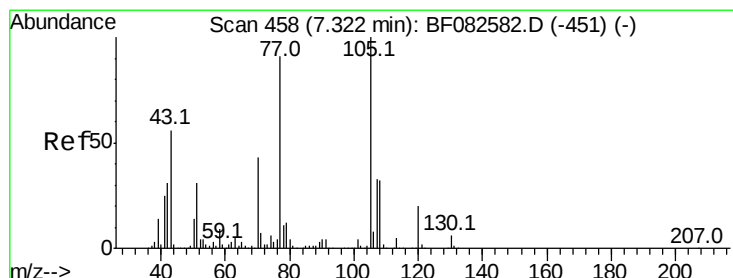
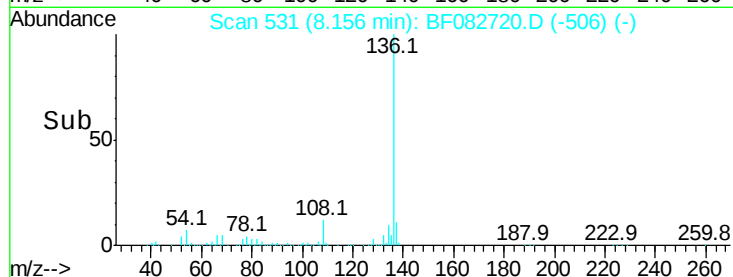
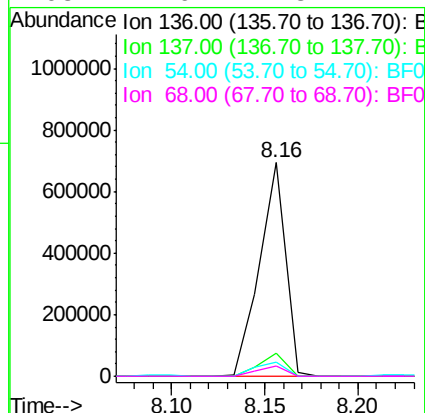
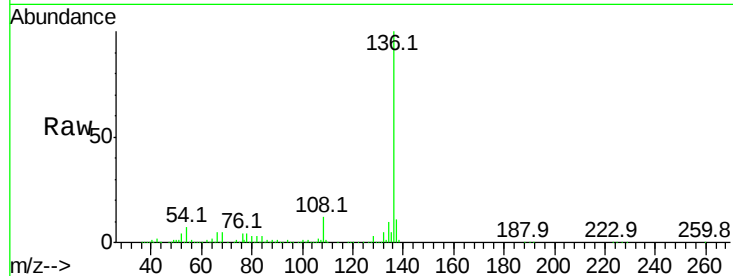




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

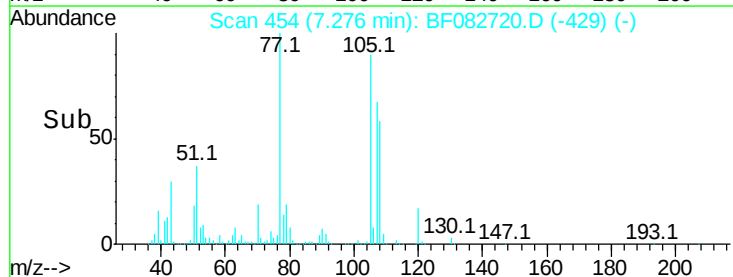
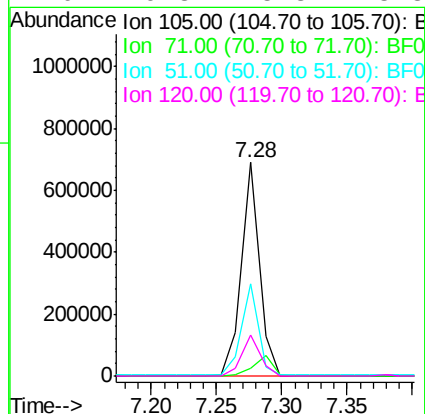
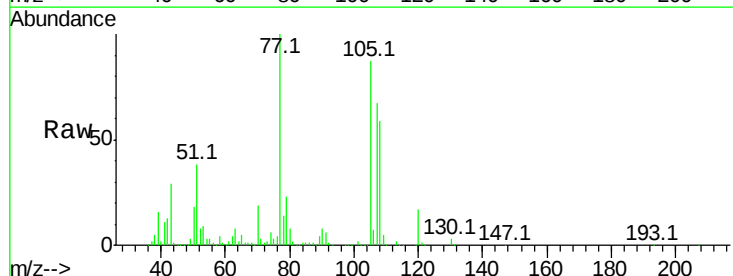
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

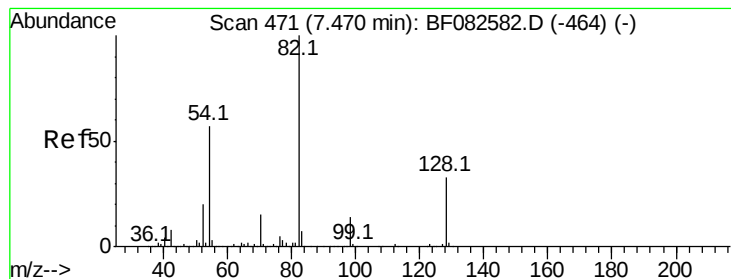
Tot Ion:136	Resp:	671401
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.1 13.7
54	6.8	9.1 13.7#
68	4.6	4.8 7.2#



#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





#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

ClientSampled :

SSTDCCC040

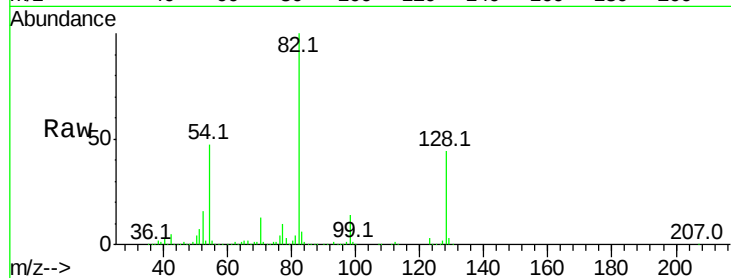
Tot Ion: 82 Resp: 1155502

Ion Ratio Lower Upper

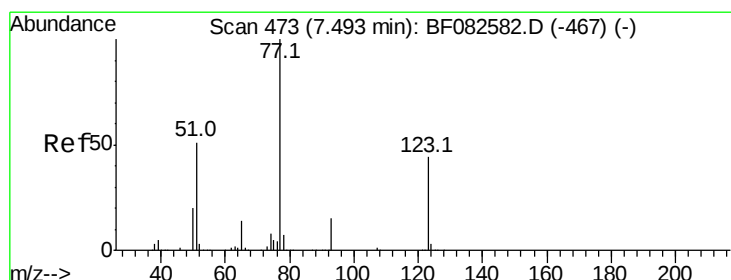
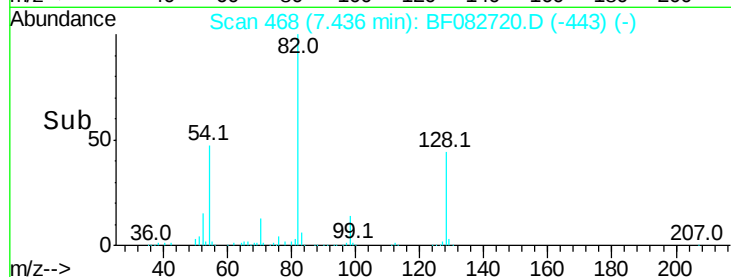
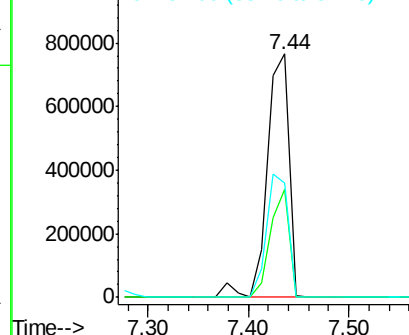
82 100

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): B
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

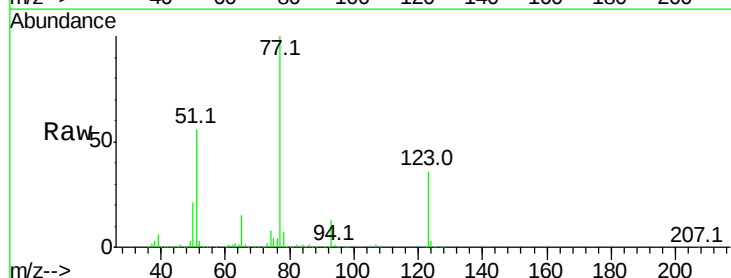
Tgt Ion: 77 Resp: 537404

Ion Ratio Lower Upper

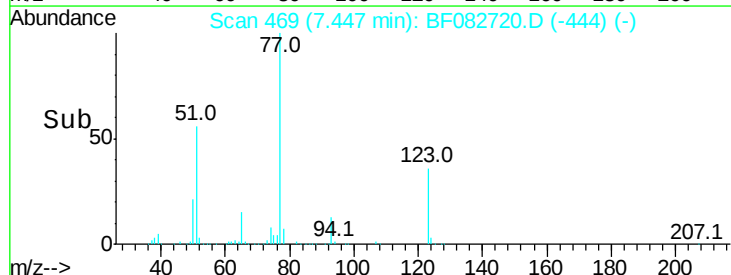
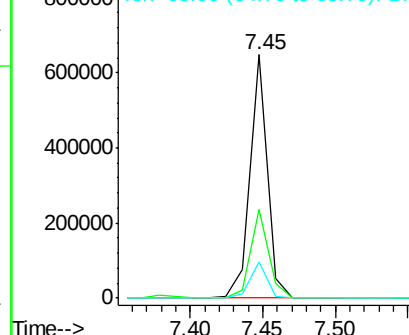
77 100

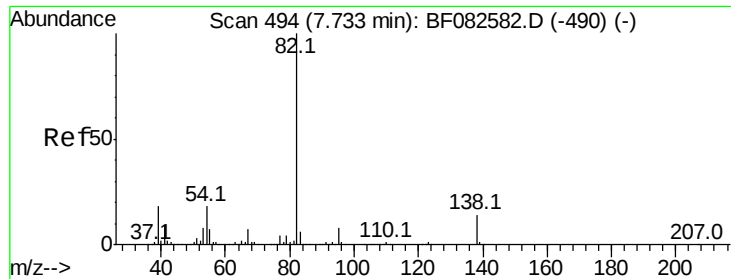
123 36.3 36.4 54.6#

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): B
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

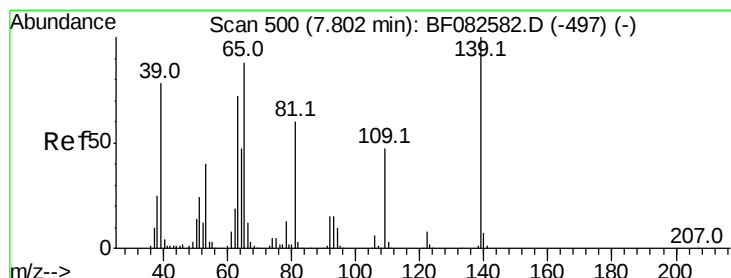
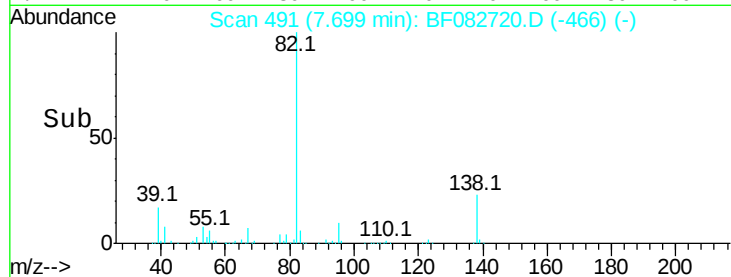
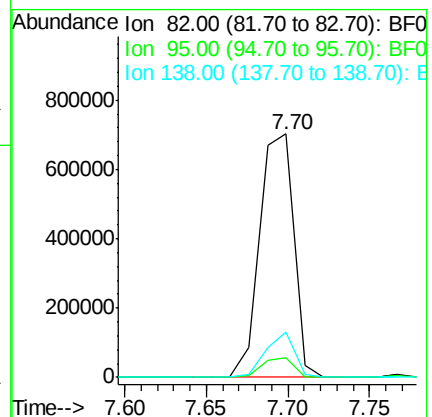
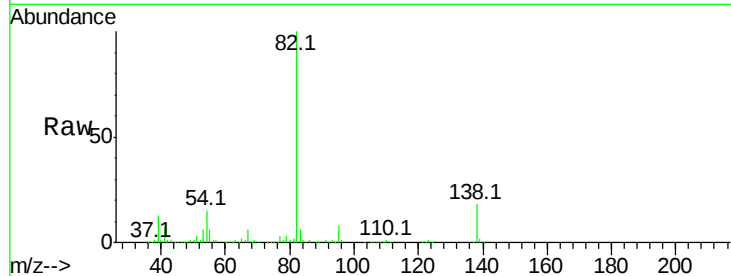
Tot Ion: 82 Resp: 1029132

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

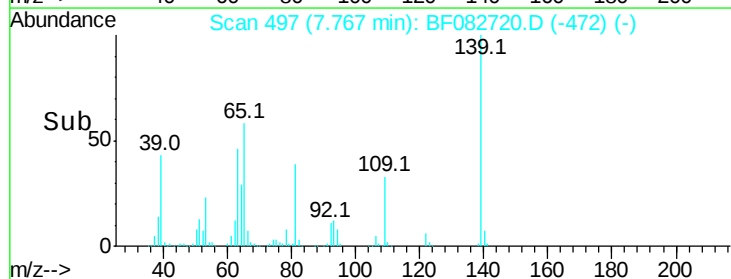
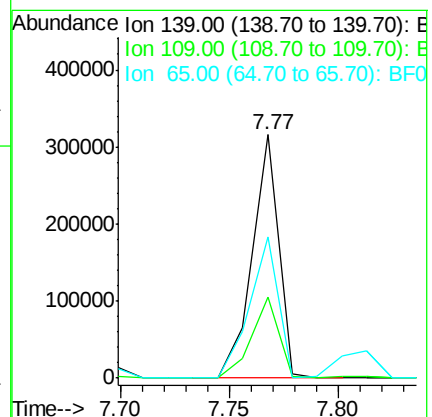
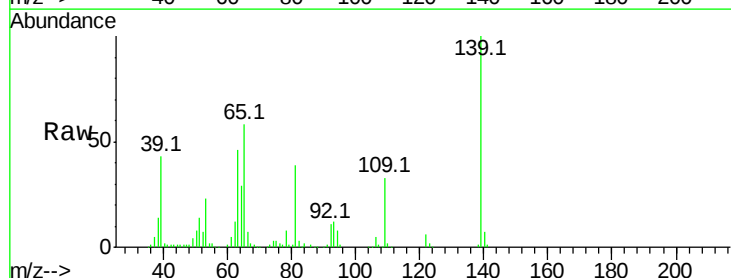
Tgt Ion: 139 Resp: 265974

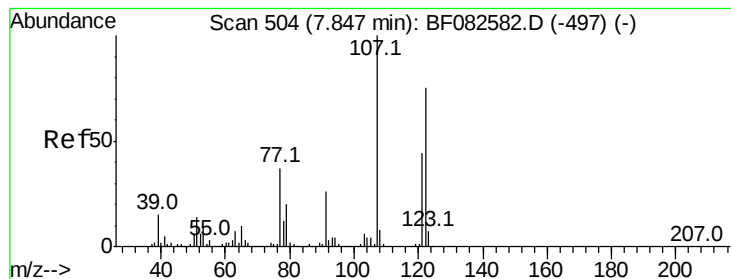
Ion Ratio Lower Upper

139 100

109 33.2 37.6 56.4#

65 58.3 70.6 105.8#

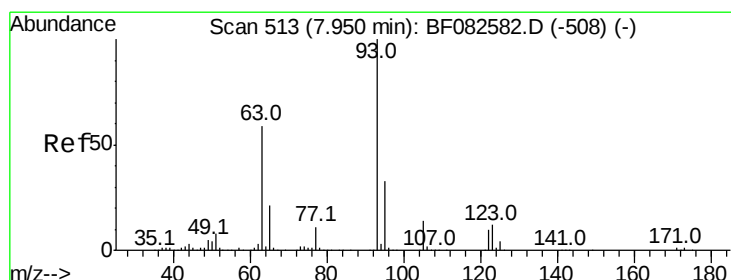
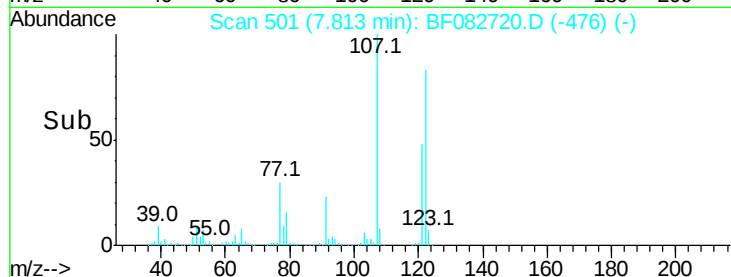
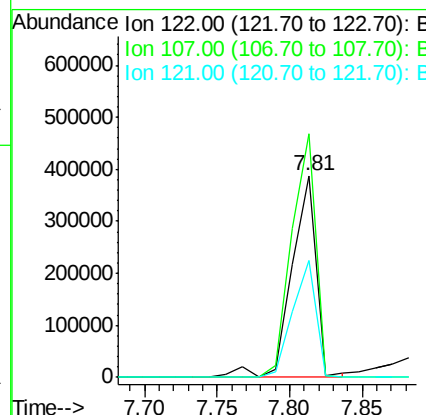
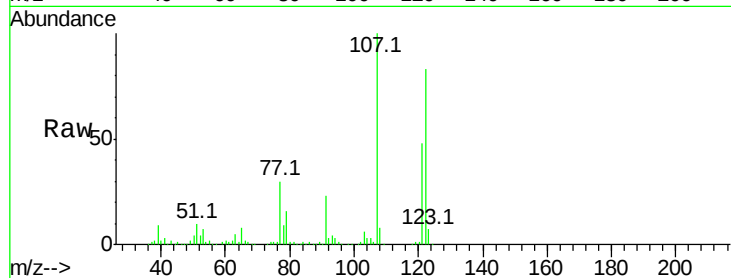




#27
 2,4-Dimethylphenol
 Concen: 38.06 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

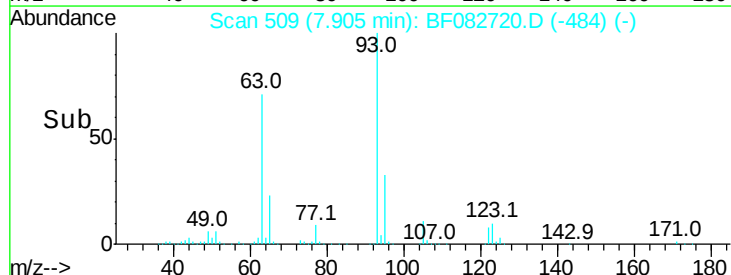
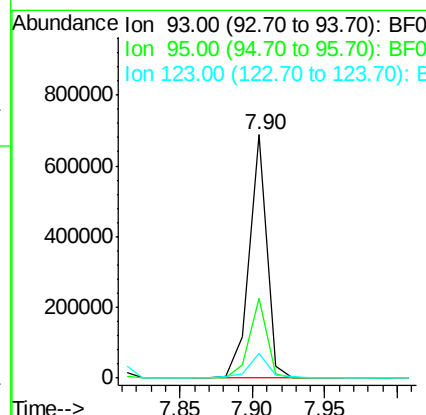
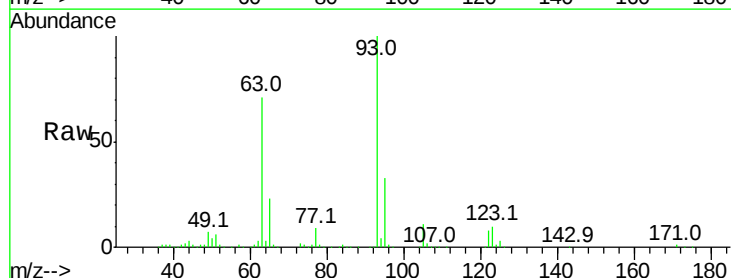
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

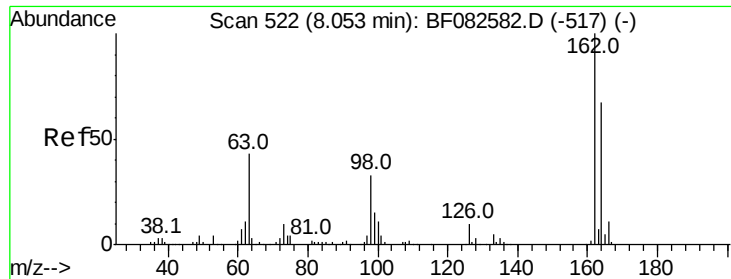
Tot Ion:122 Resp: 451041
 Ion Ratio Lower Upper
 122 100
 107 120.9 106.0 159.0
 121 58.1 46.7 70.1



#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

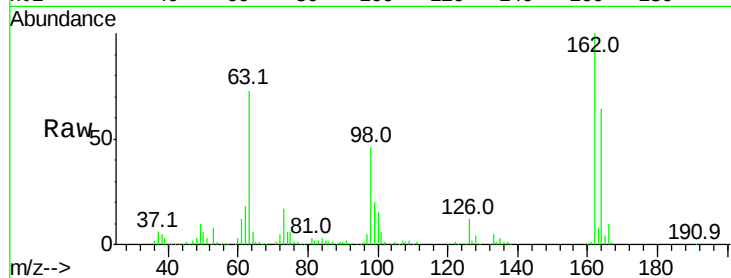
Tot Ion:162 Resp: 380802

Ion Ratio Lower Upper

162 100

164 64.1 46.8 86.8

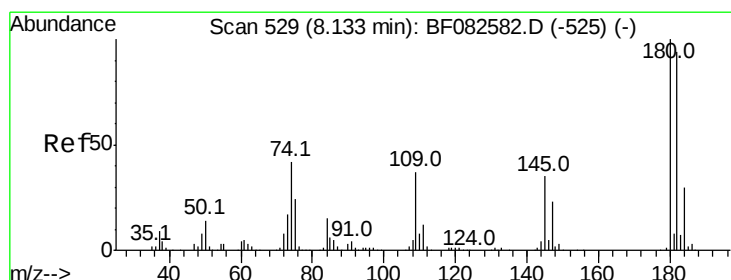
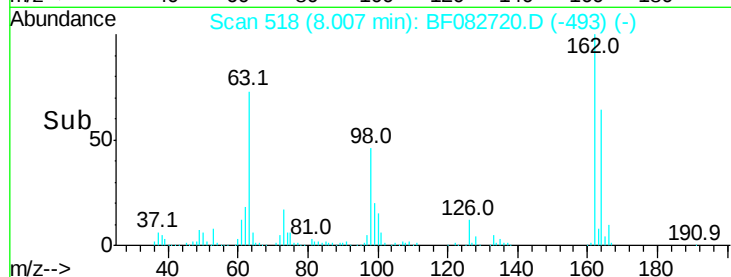
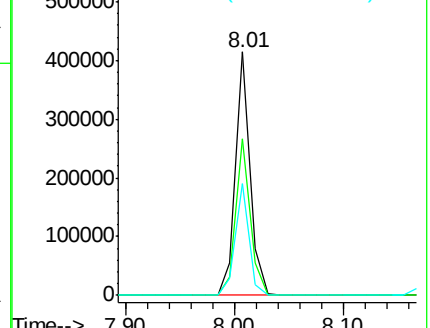
98 45.7 12.5 52.5



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

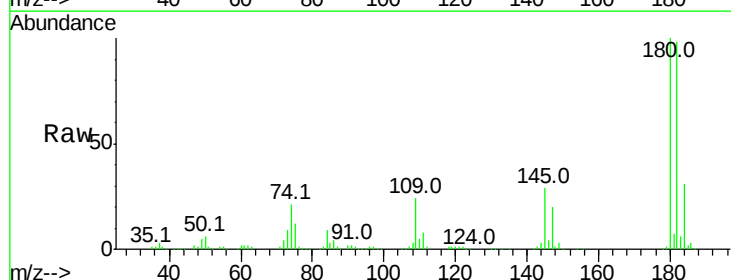
Tgt Ion:180 Resp: 451142

Ion Ratio Lower Upper

180 100

182 98.0 74.9 112.3

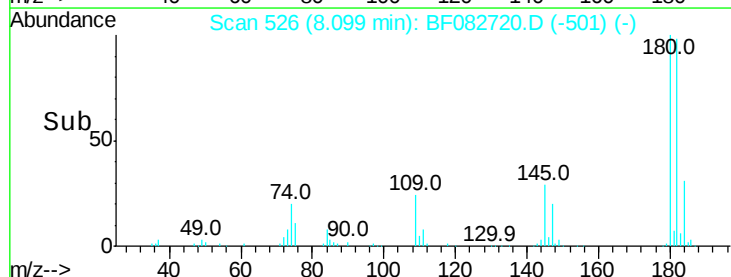
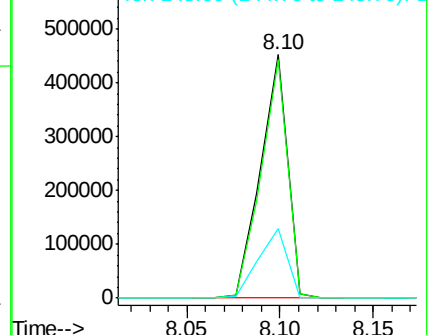
145 28.7 27.8 41.8

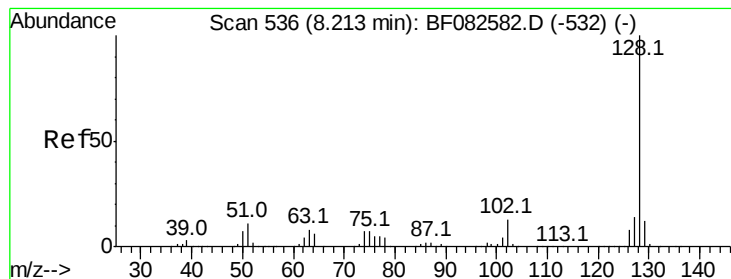


Abundance Ion 180.00 (179.70 to 180.70): E

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

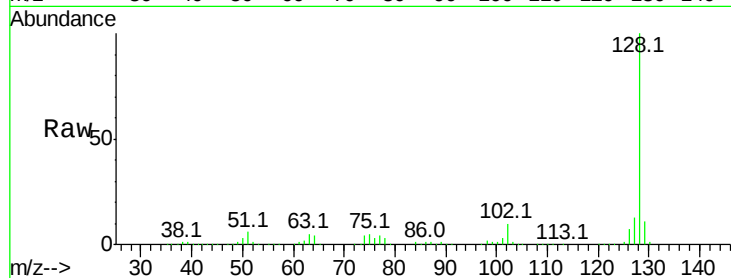
Tot Ion:128 Resp: 1374546

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

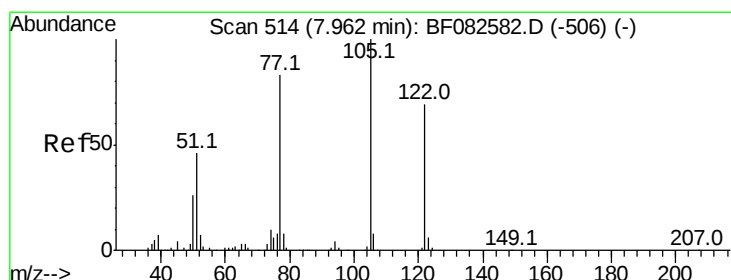
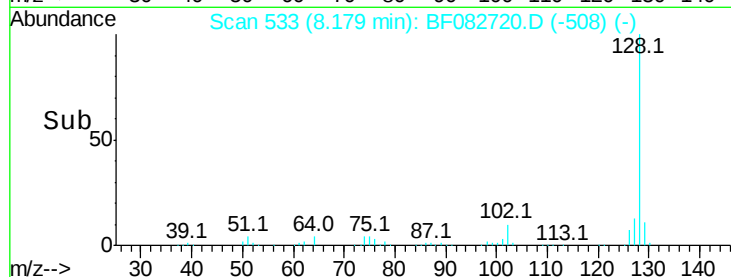
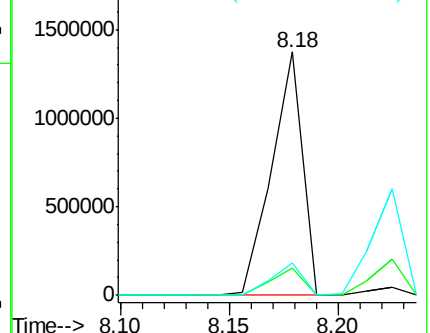
127 13.4 11.4 17.0



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

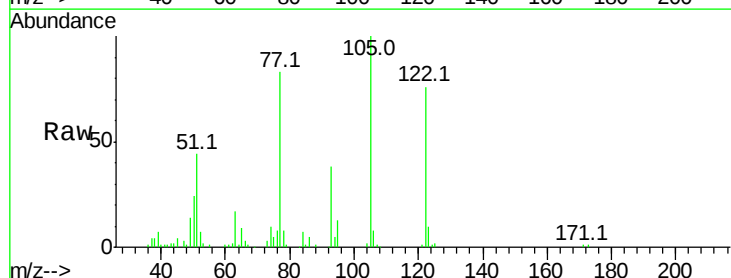
Tgt Ion:122 Resp: 223909

Ion Ratio Lower Upper

122 100

105 132.2 122.6 162.6

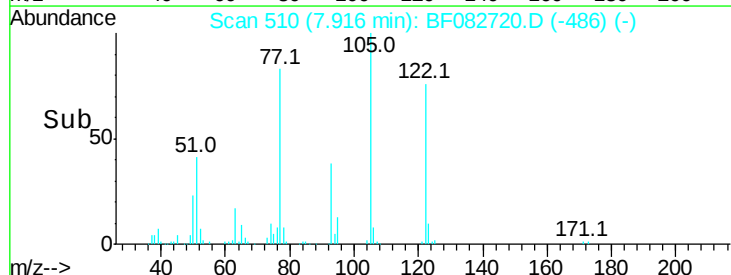
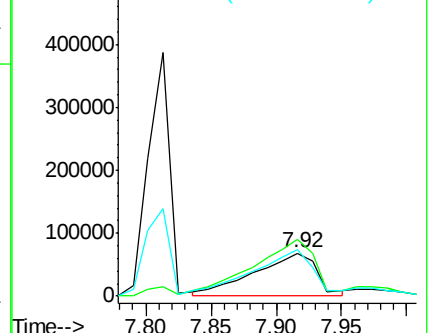
77 109.4 100.9 140.9

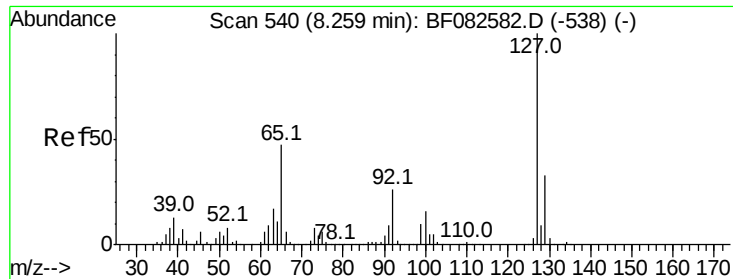


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

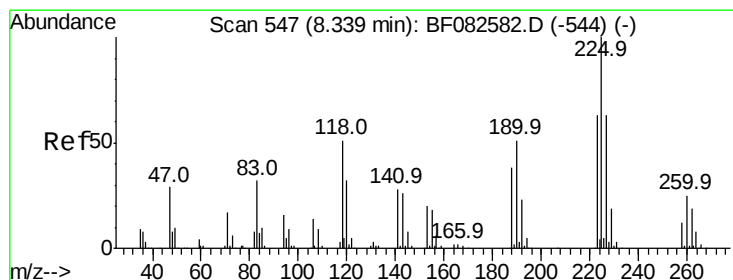
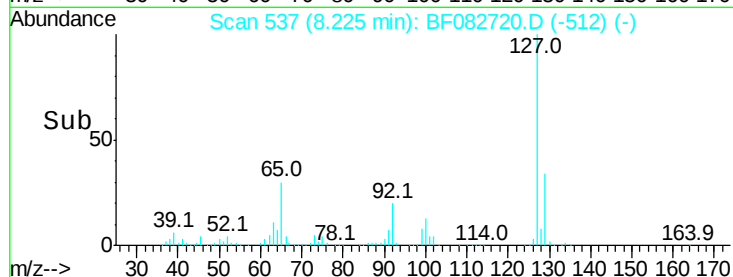
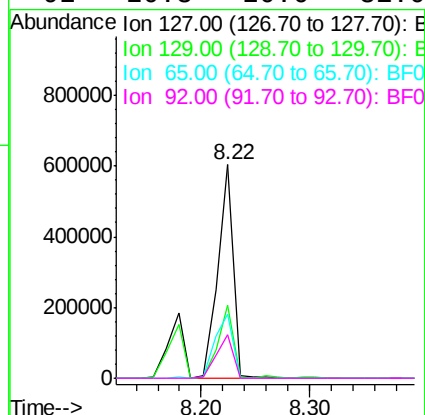
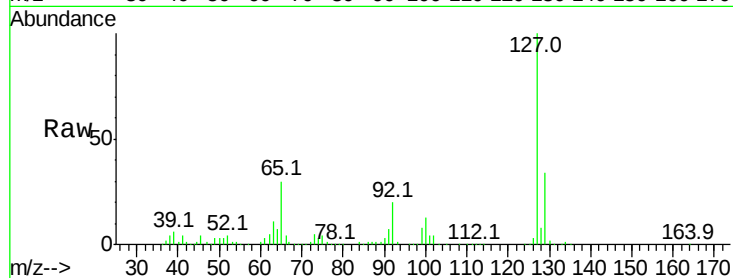




#33
4-Chloroaniline
Concen: 38.77 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

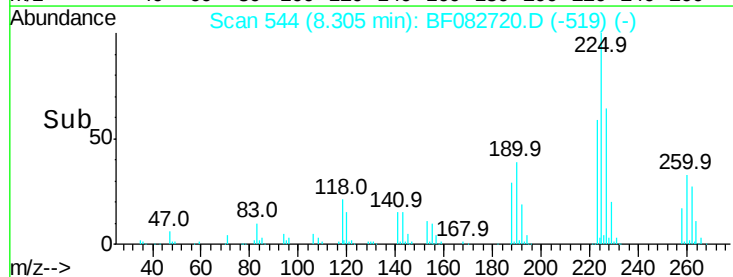
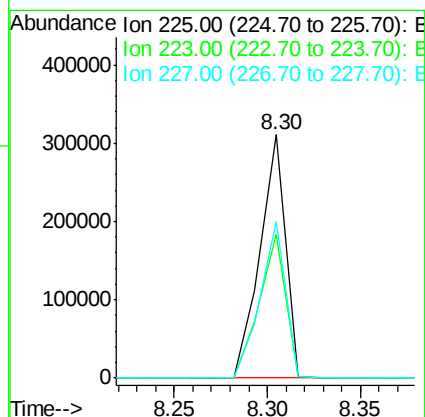
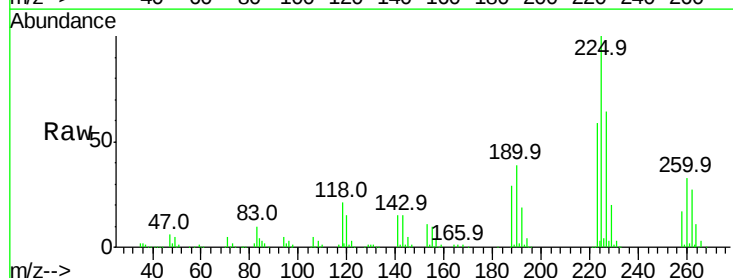
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

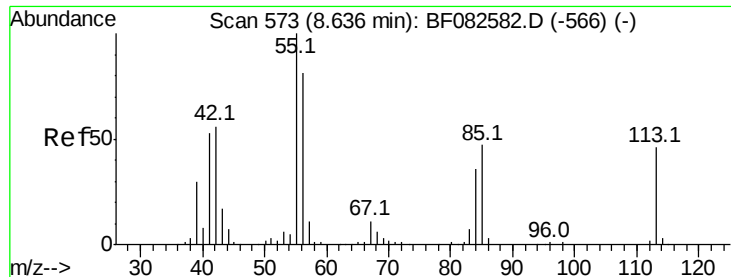
Tot Ion:	127	Resp:	601286
Ion	Ratio	Lower	Upper
127	100		
129	33.9	26.3	39.5
65	29.9	37.8	56.8#
92	20.3	20.6	31.0#



#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

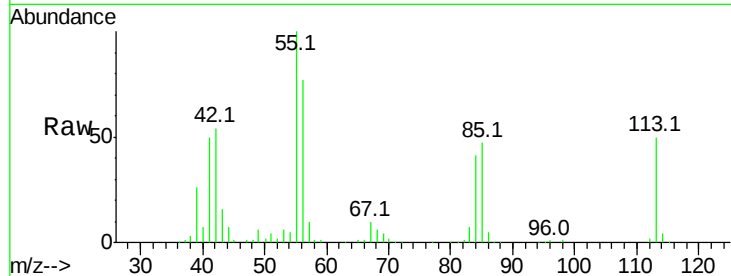
Tot Ion:113 Resp: 130483

Ion Ratio Lower Upper

113 100

55 198.4 195.5 235.5

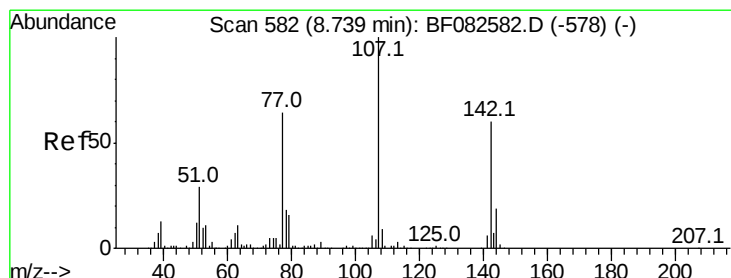
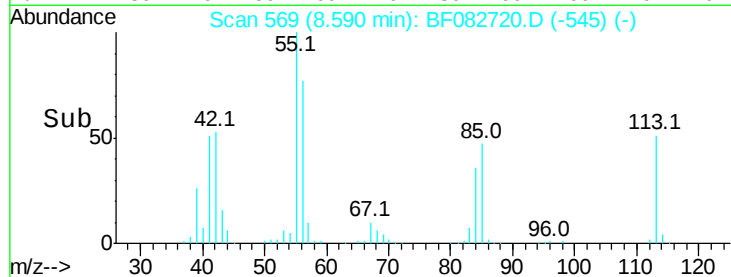
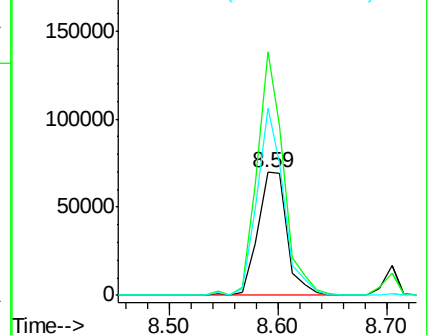
56 152.5 153.5 193.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 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

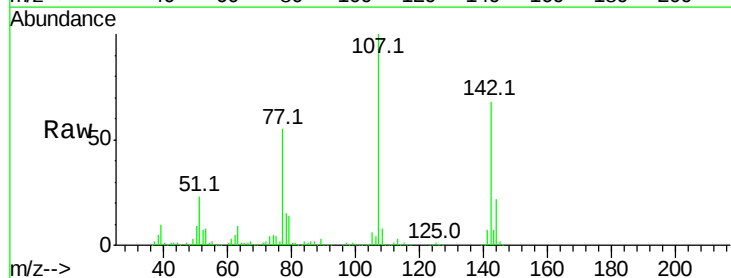
Tgt Ion:107 Resp: 476026

Ion Ratio Lower Upper

107 100

144 22.1 15.4 23.0

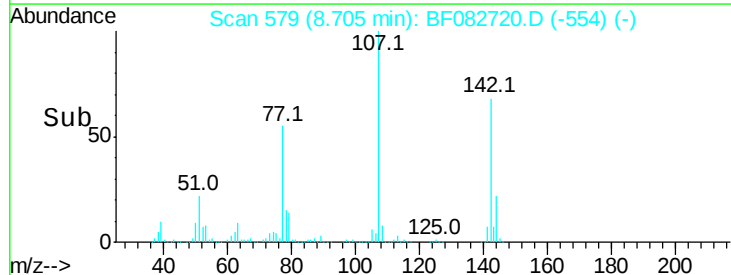
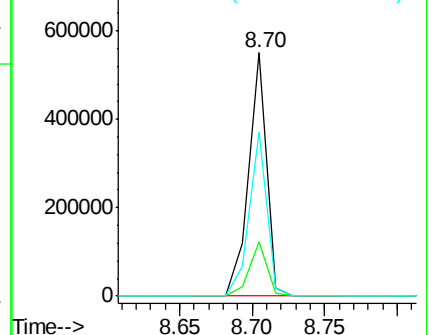
142 67.5 47.8 71.8

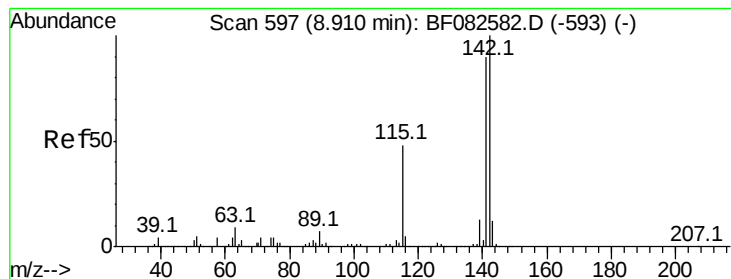


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

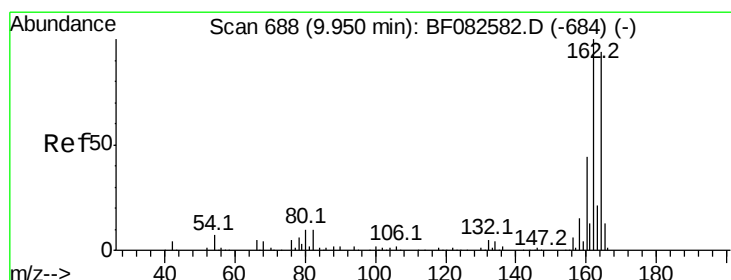
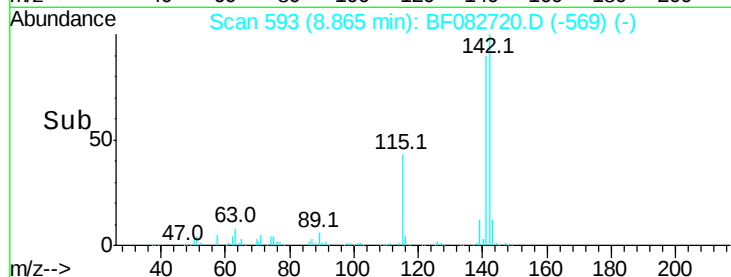
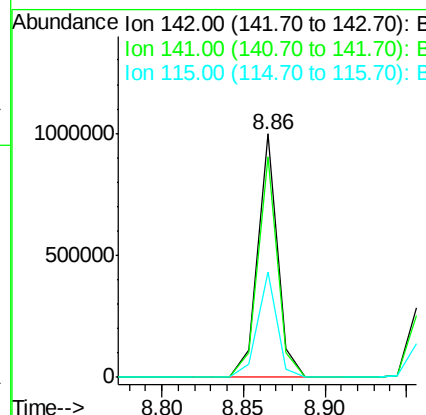
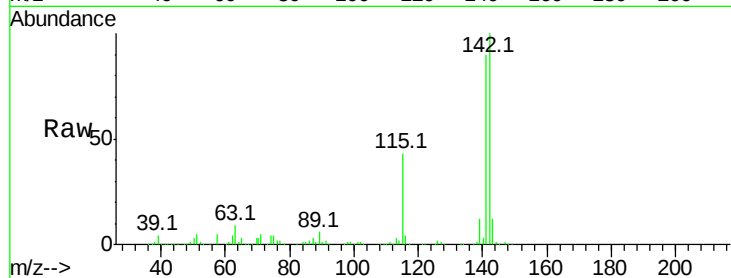




#37
2-Methylnaphthalene
Concen: 35.81 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

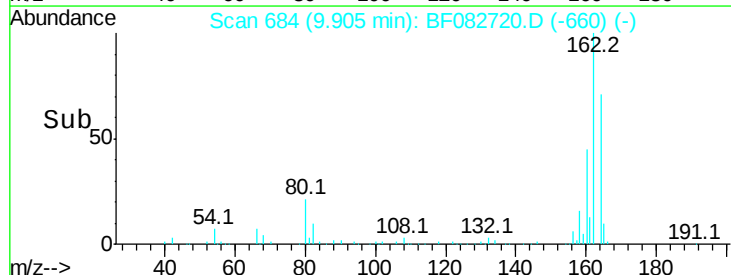
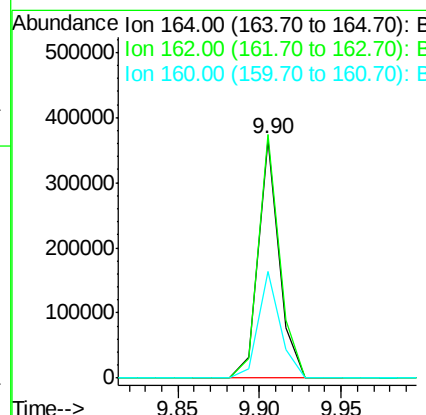
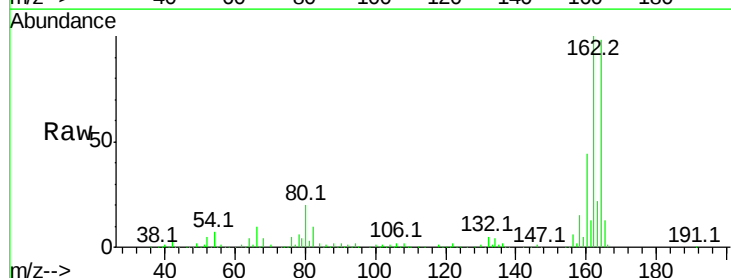
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

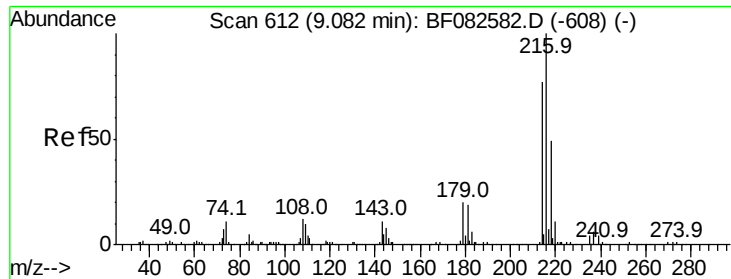
Tot Ion:142 Resp: 843080
Ion Ratio Lower Upper
142 100
141 90.4 72.3 108.5
115 43.2 38.1 57.1



#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

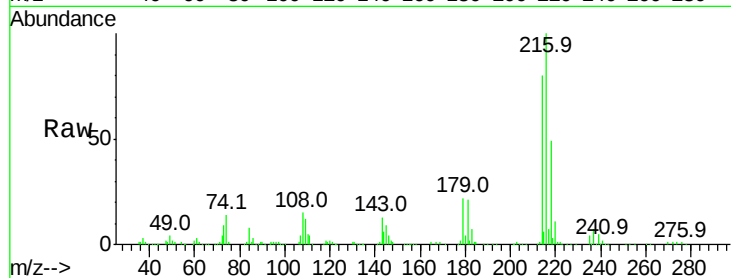




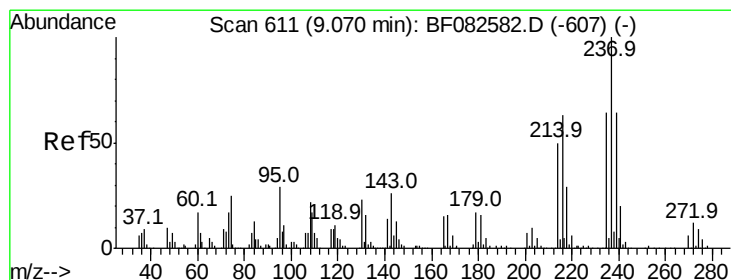
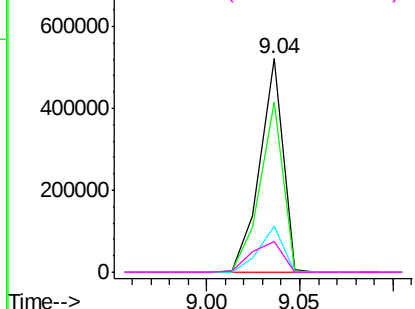
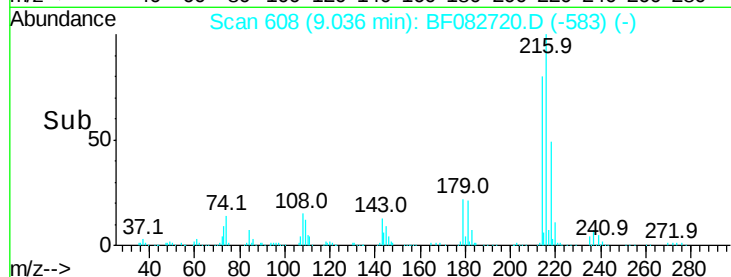
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.93 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot 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

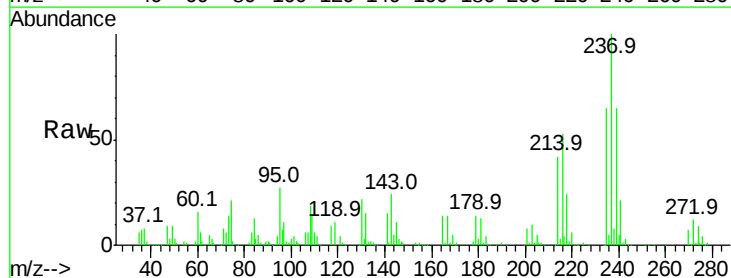


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

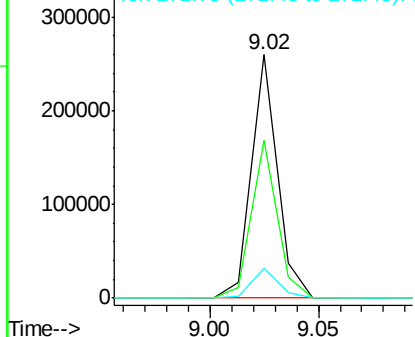
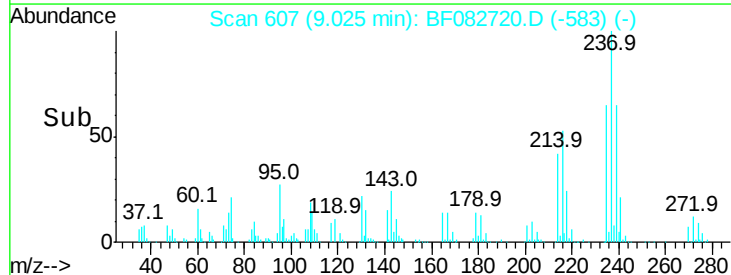


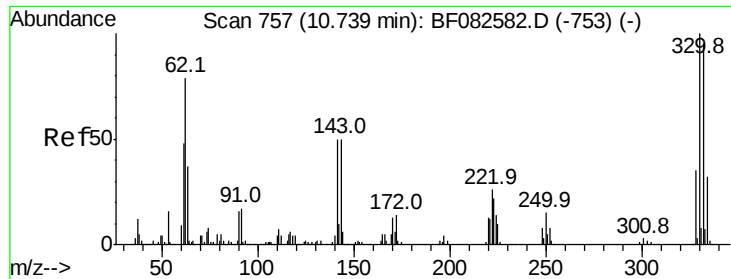
#40
 Hexachlorocyclopentadiene
 Concen: 31.40 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

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

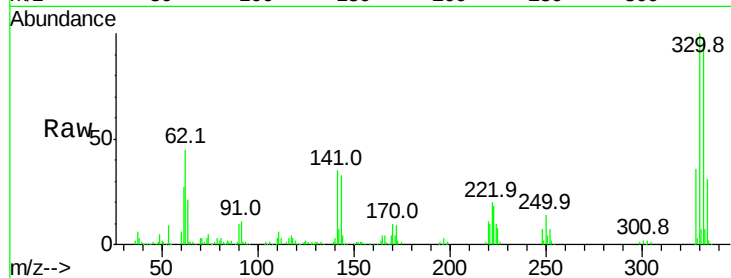




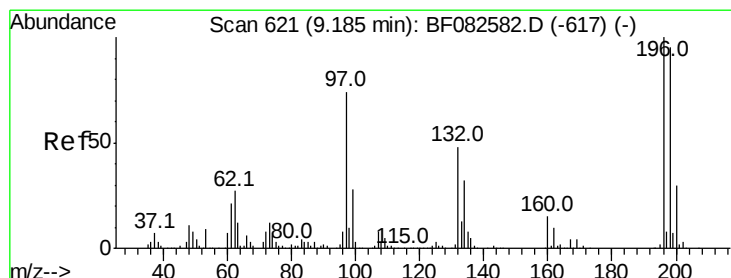
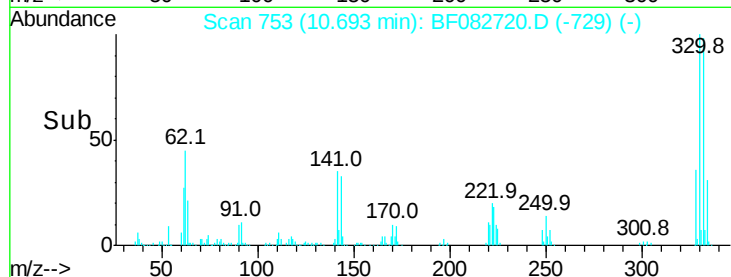
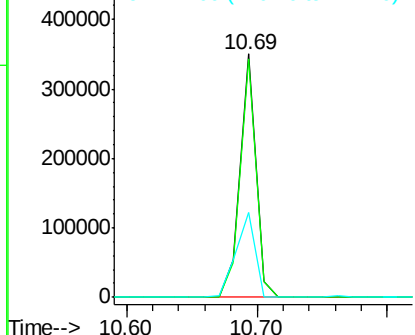
#41
 2,4,6-Tribromophenol
 Concen: 82.20 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

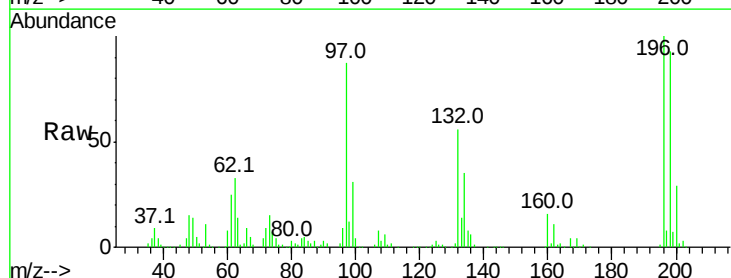


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

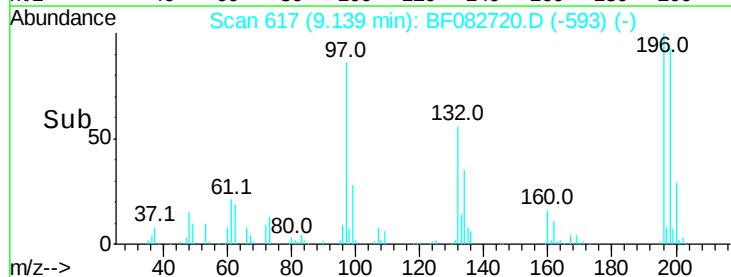
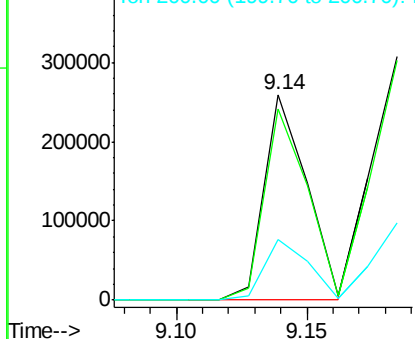


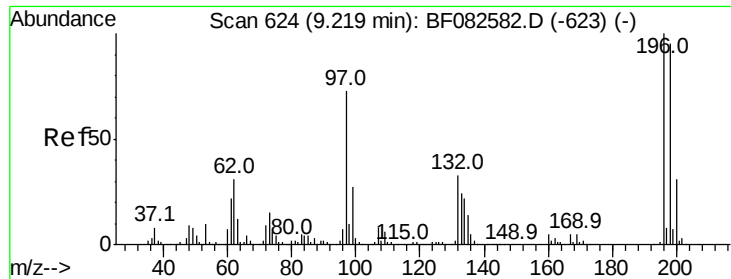
#42
 2,4,6-Trichlorophenol
 Concen: 37.38 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

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

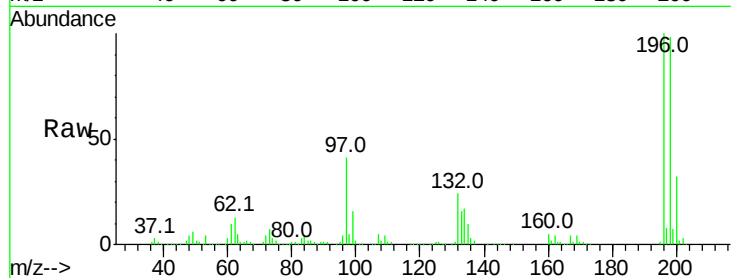




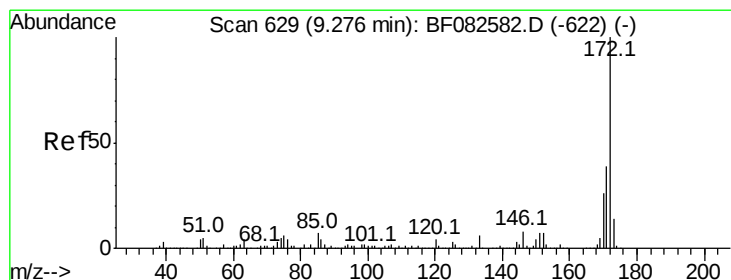
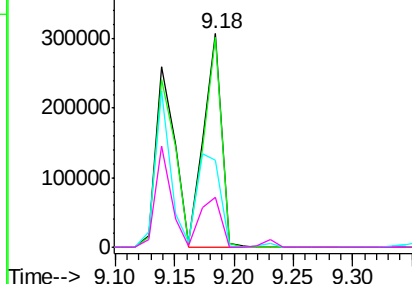
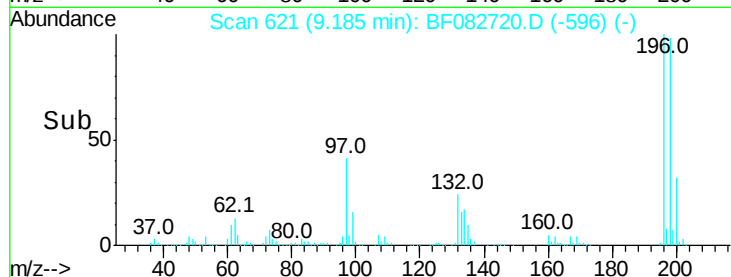
#43
 2,4,5-Trichlorophenol
 Concen: 41.00 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot 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#

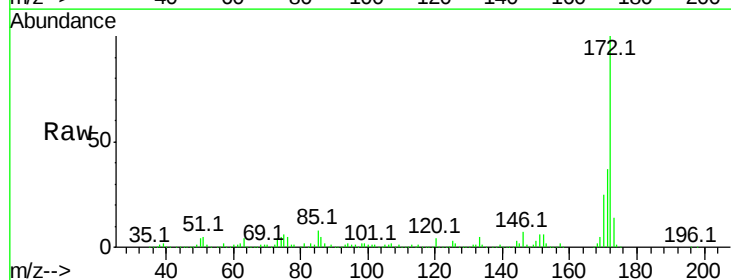


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

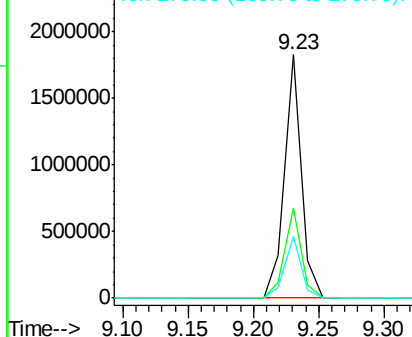
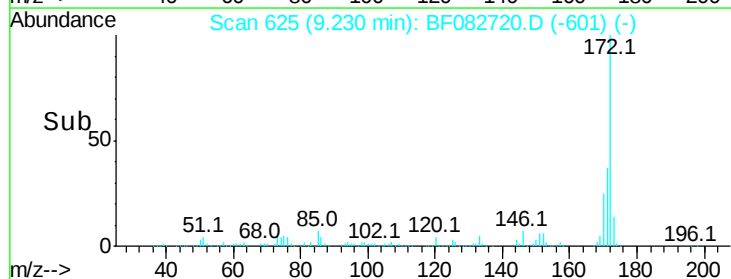


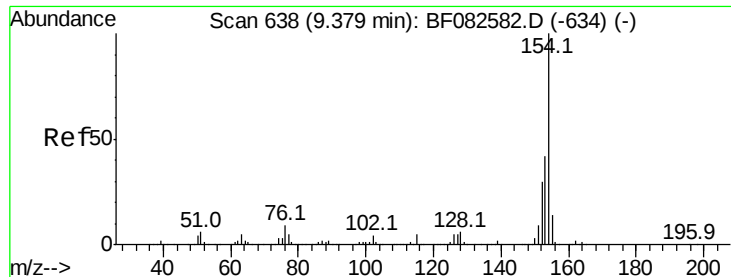
#44
 2-Fluorobiphenyl
 Concen: 72.59 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

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

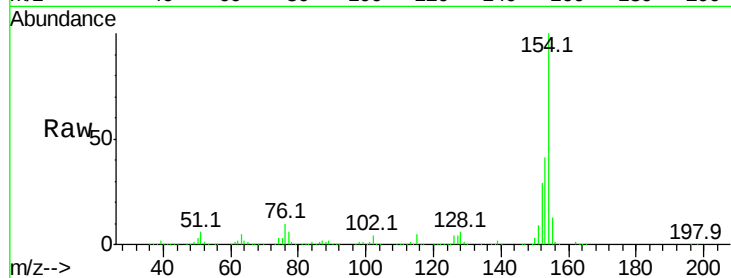
Tot Ion:154 Resp: 1203872

Ion Ratio Lower Upper

154 100

153 41.5 22.0 62.0

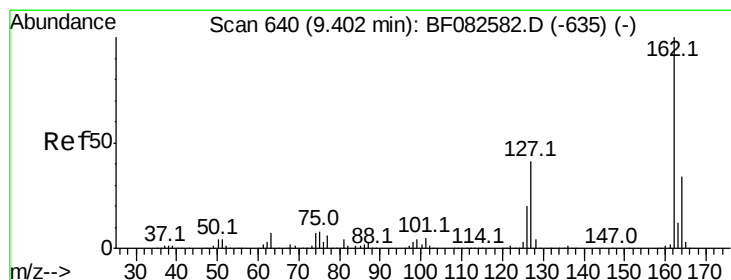
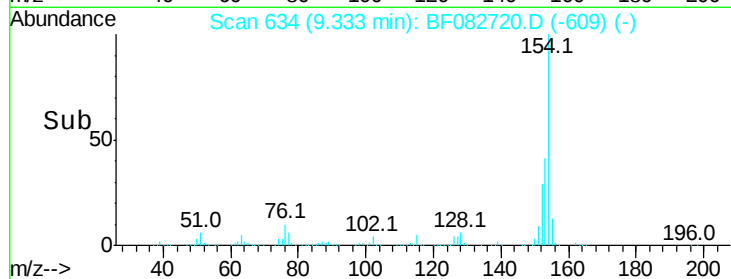
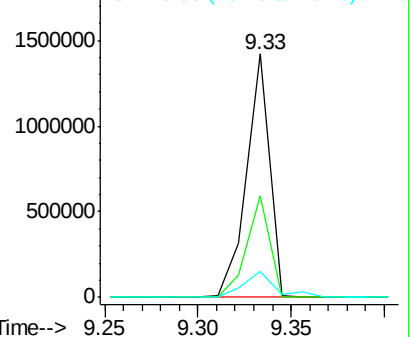
76 10.5 0.0 29.0



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

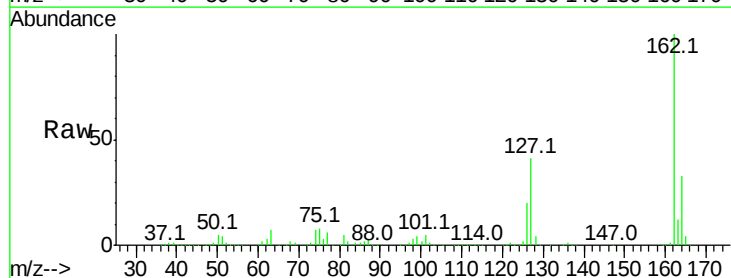
Tgt Ion:162 Resp: 908726

Ion Ratio Lower Upper

162 100

127 40.6 32.7 49.1

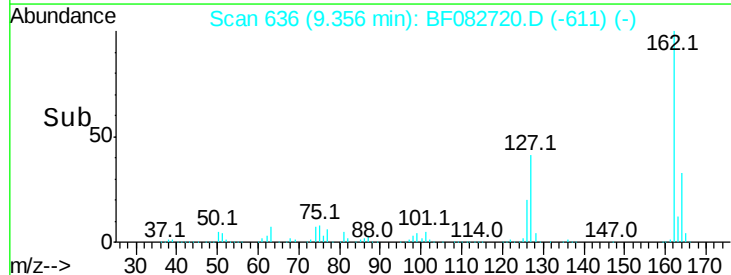
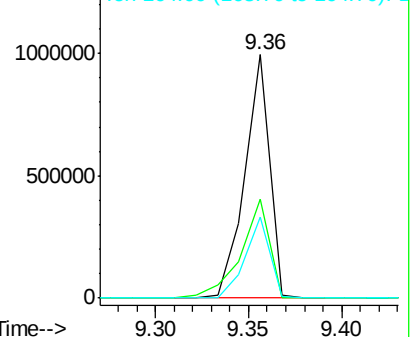
164 33.3 27.4 41.0

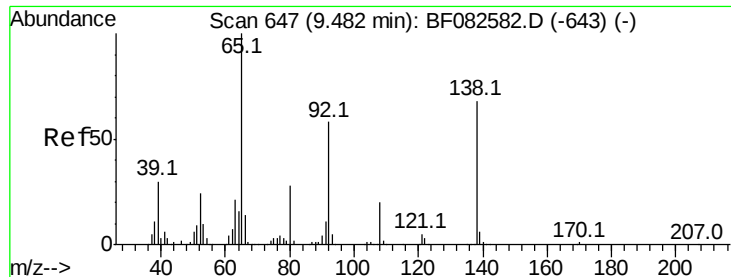


Abundance Ion 162.00 (161.70 to 162.70): E

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

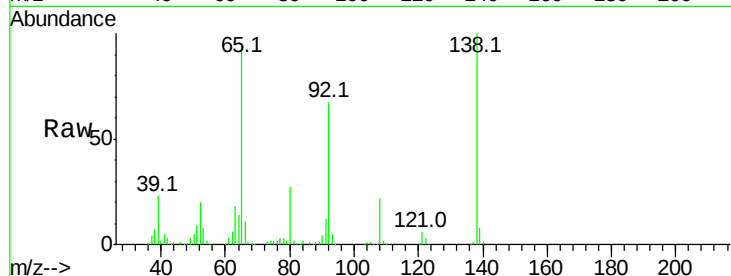
Tot Ion: 65 Resp: 350398

Ion Ratio Lower Upper

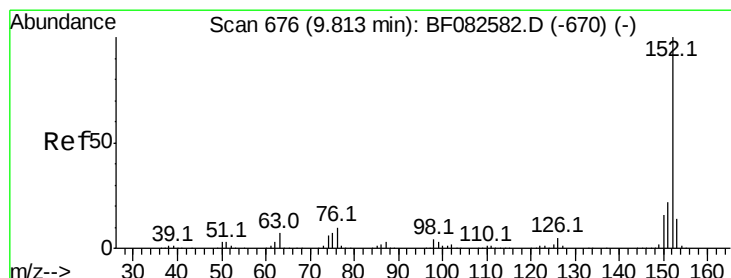
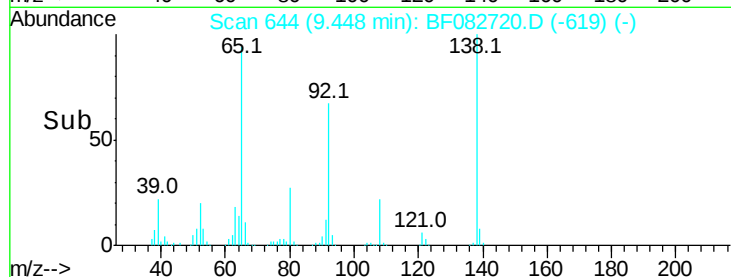
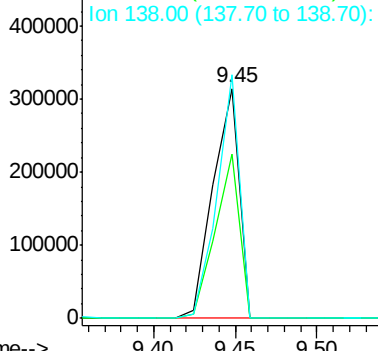
65 100

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

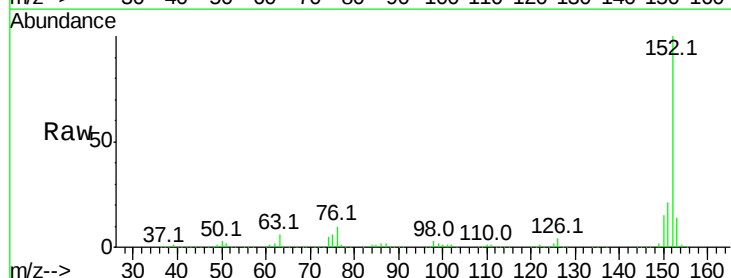
Tgt Ion: 152 Resp: 1361383

Ion Ratio Lower Upper

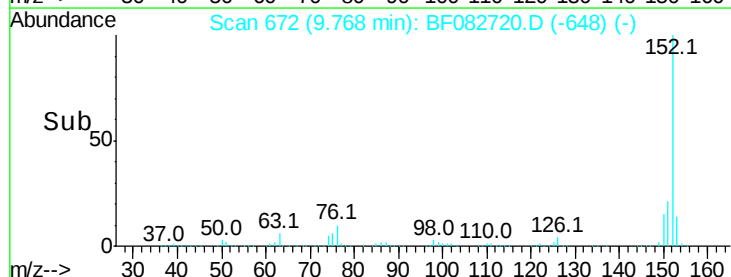
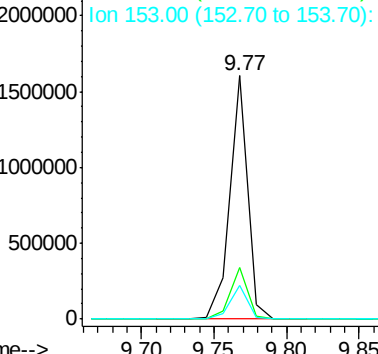
152 100

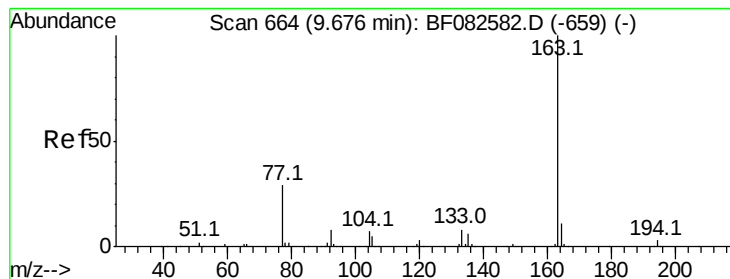
151 21.4 17.3 25.9

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

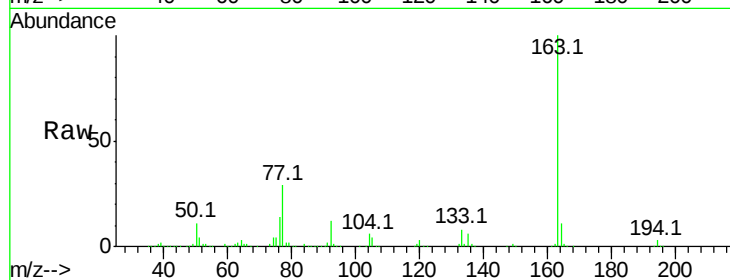
Tot Ion:163 Resp: 941304

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

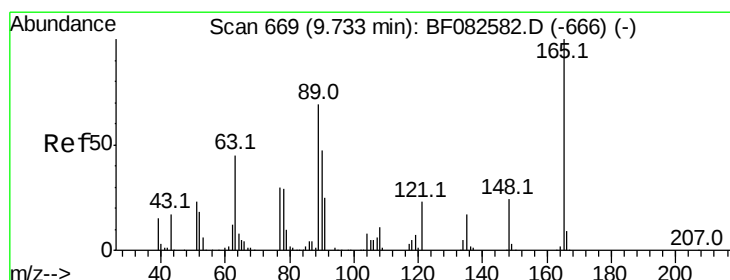
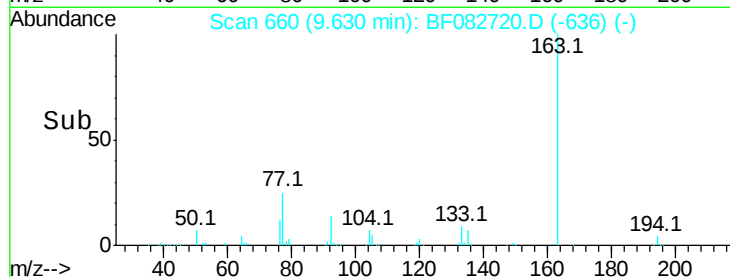
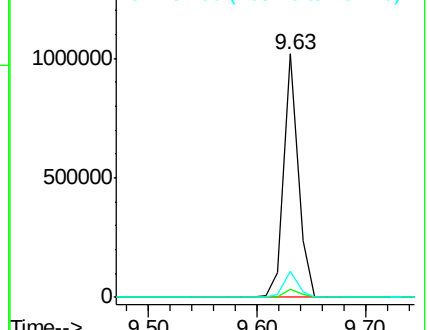
164 10.6 8.7 13.1



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

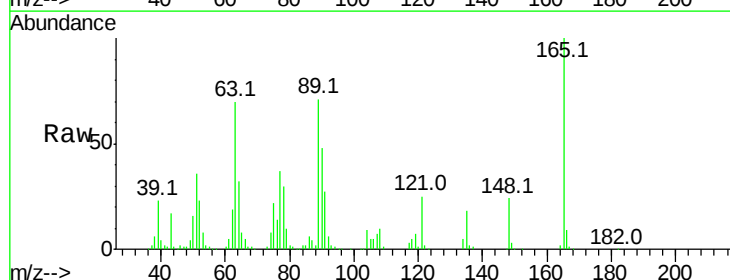
Tgt Ion:165 Resp: 215863

Ion Ratio Lower Upper

165 100

63 70.4 55.5 83.3

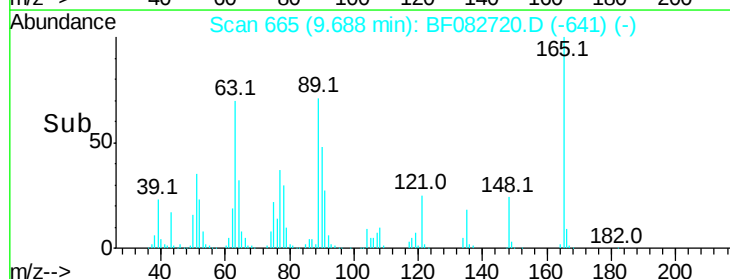
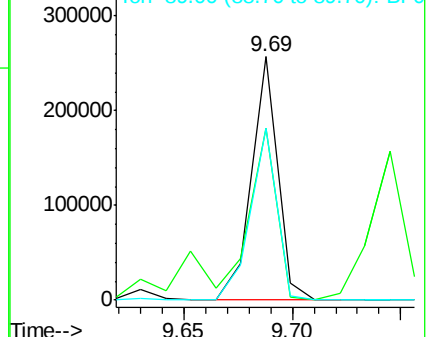
89 70.5 55.0 82.6

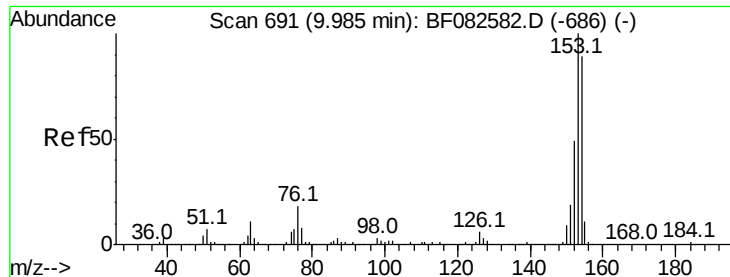


Abundance Ion 165.00 (164.70 to 165.70): E

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

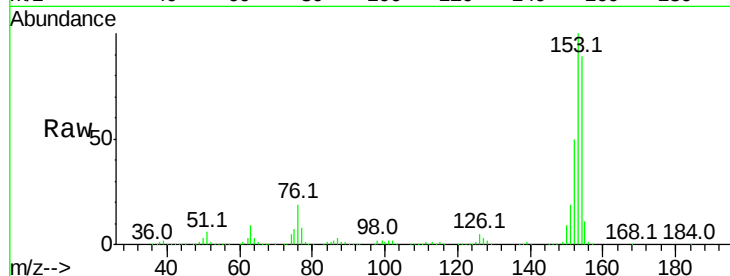
Tot Ion:154 Resp: 806800

Ion Ratio Lower Upper

154 100

153 112.4 90.1 135.1

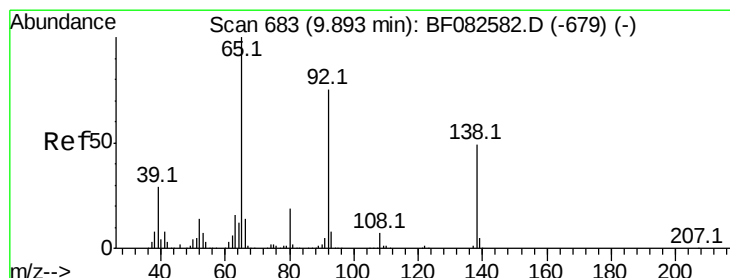
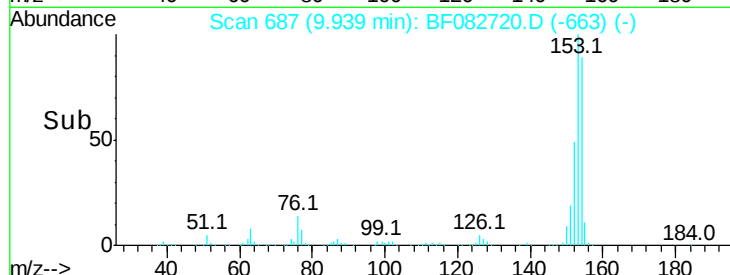
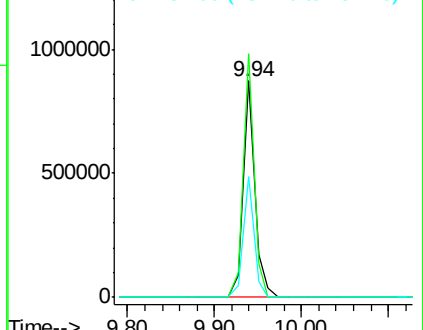
152 55.9 44.3 66.5



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

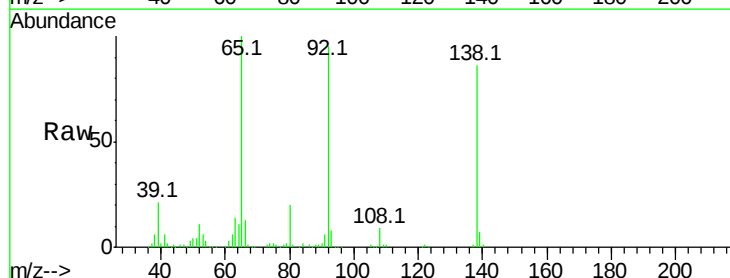
Tgt Ion:138 Resp: 282489

Ion Ratio Lower Upper

138 100

108 10.0 11.3 16.9#

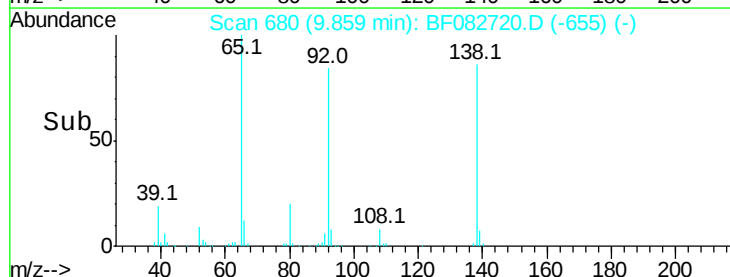
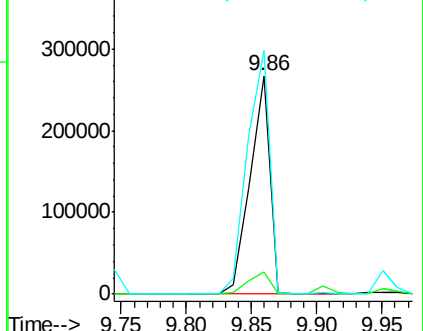
92 111.4 122.4 183.6#

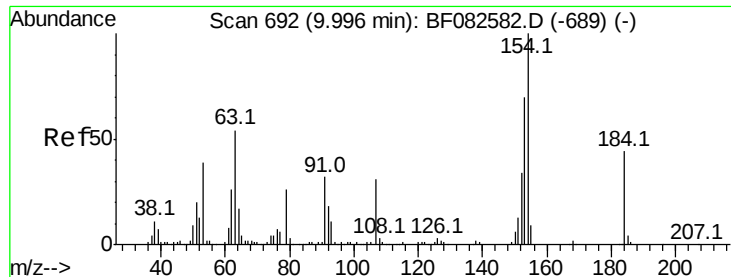


Abundance Ion 138.00 (137.70 to 138.70): E

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

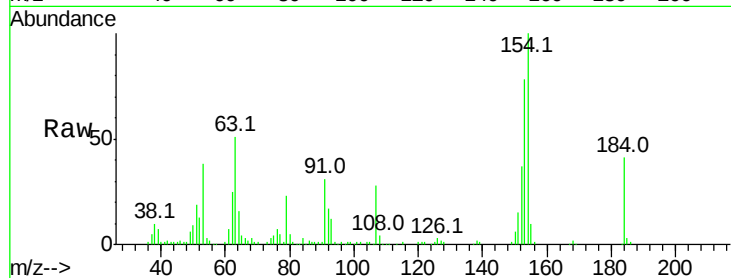
Tot Ion:184 Resp: 94686

Ion Ratio Lower Upper

184 100

63 123.1 98.6 148.0

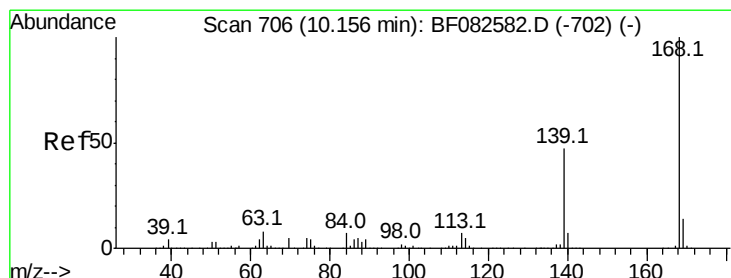
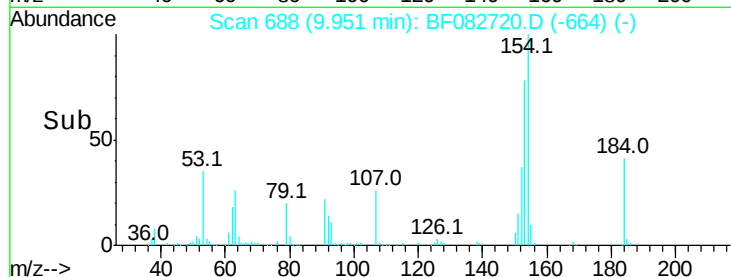
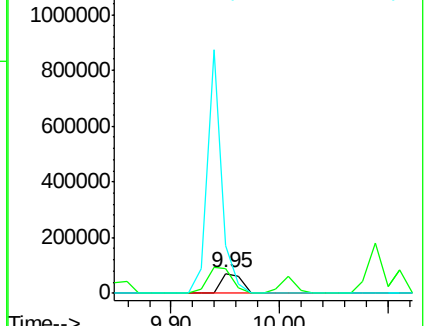
154 241.5 183.9 275.9



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

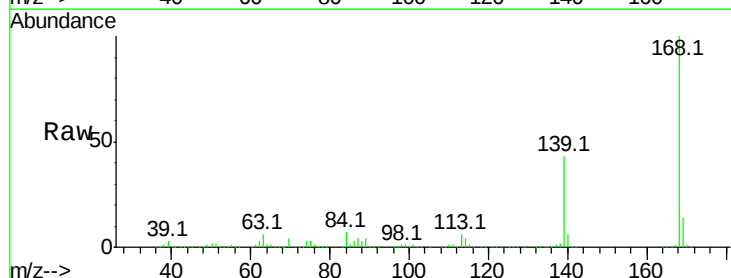
Tgt Ion:168 Resp: 1152151

Ion Ratio Lower Upper

168 100

139 42.6 37.8 56.6

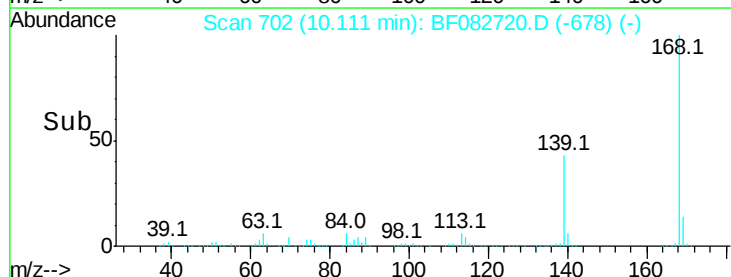
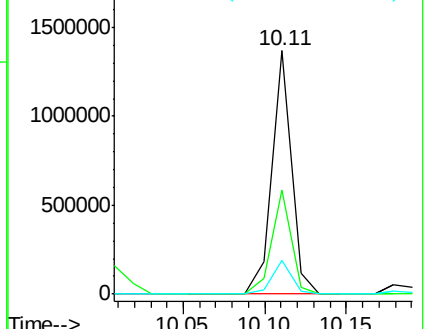
169 13.9 11.3 16.9

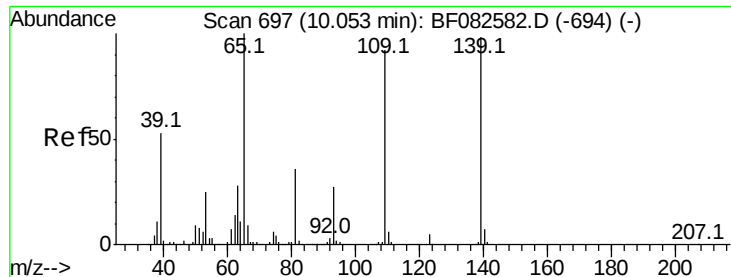


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

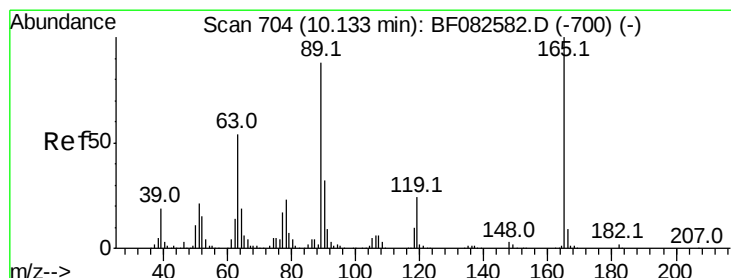
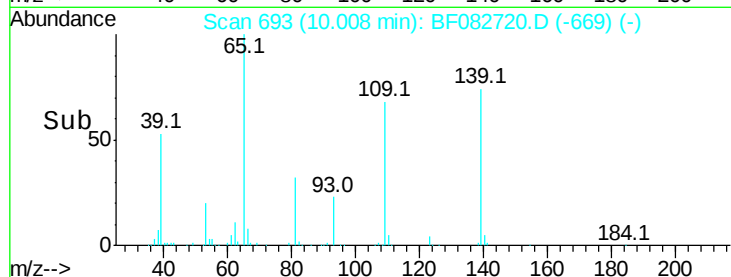
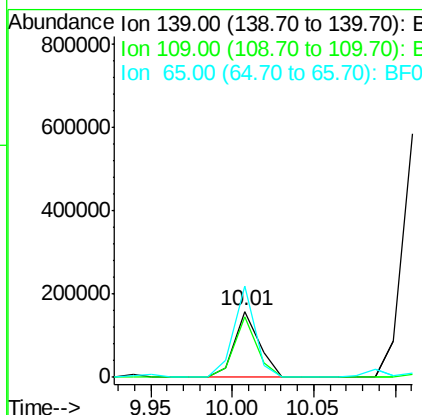
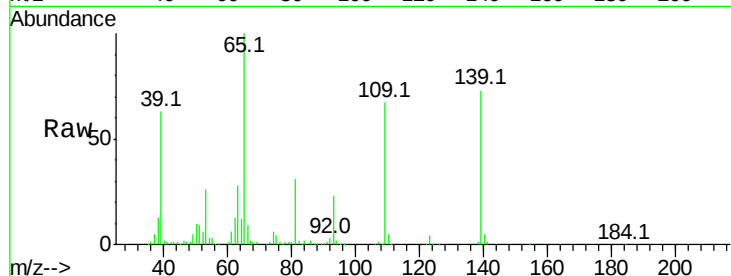




#55
4-Nitrophenol
Concen: 36.03 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

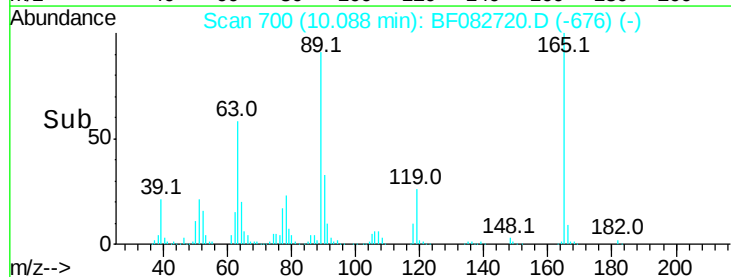
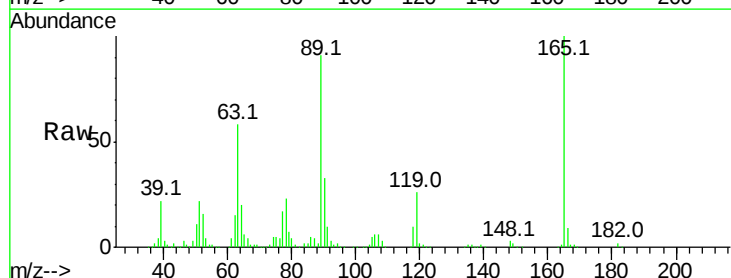
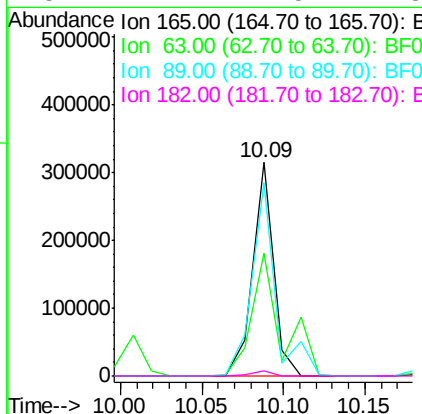
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

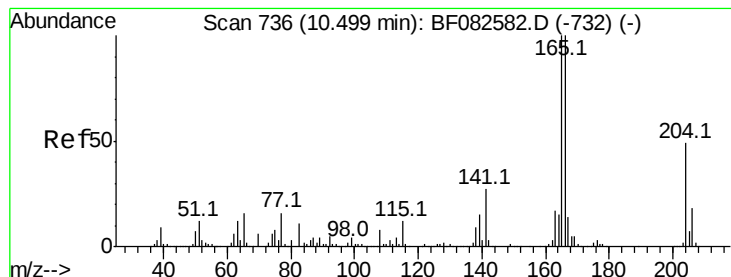
Tot Ion:139 Resp: 167020
Ion Ratio Lower Upper
139 100
109 92.1 73.7 113.7
65 137.9 82.9 122.9#



#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





#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

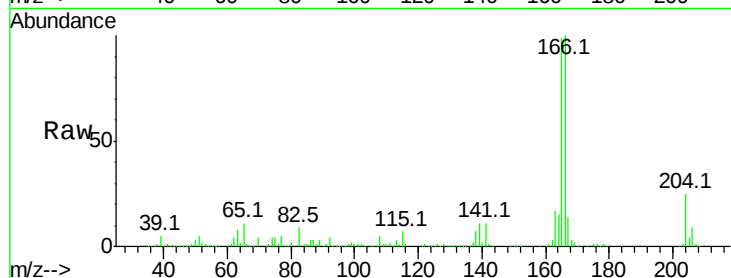
Tot Ion:166 Resp: 972341

Ion Ratio Lower Upper

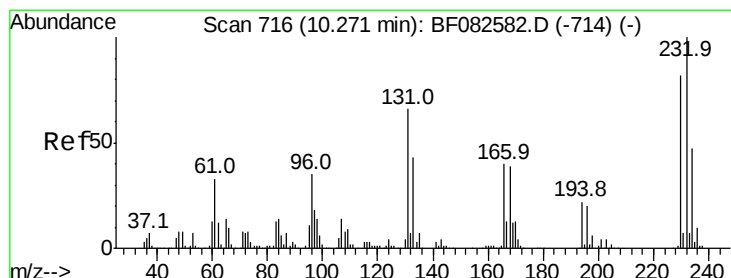
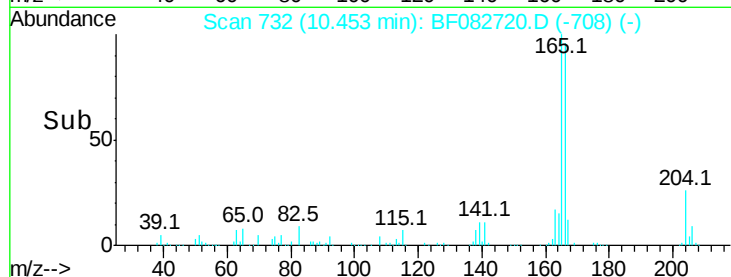
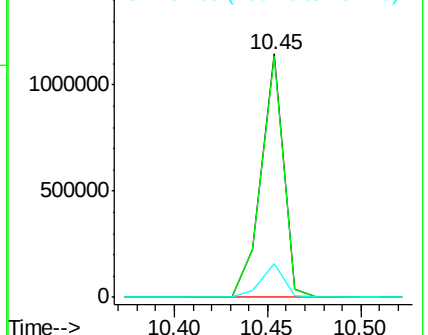
166 100

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

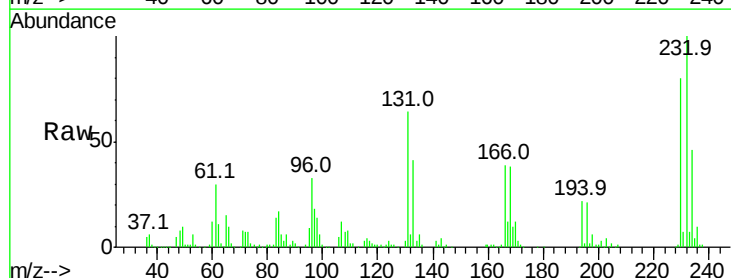
Ion Ratio Lower Upper

232 100

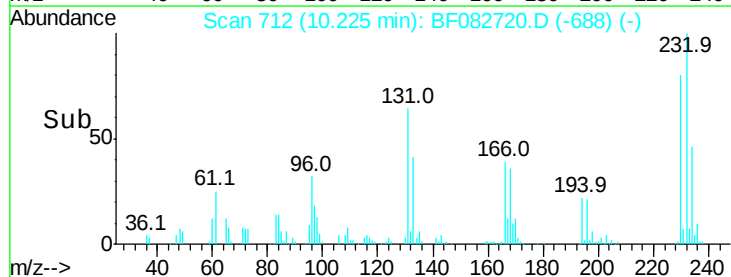
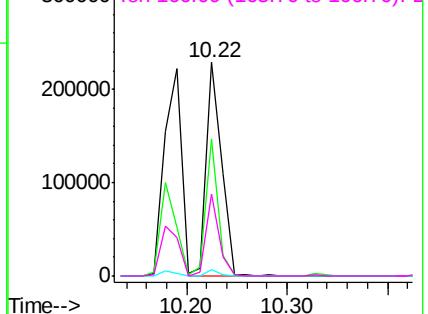
131 51.0 46.2 69.2

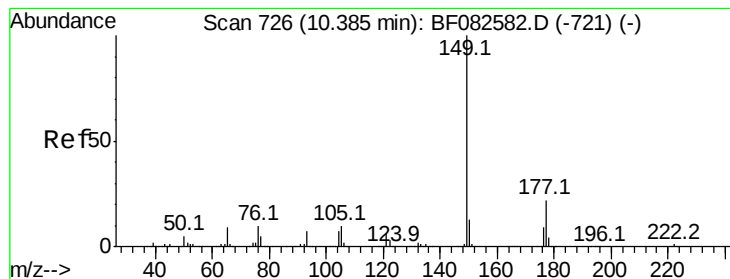
130 2.4 2.4 3.6#

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

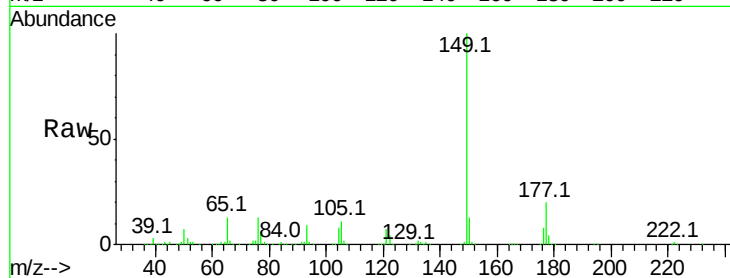
Tot Ion:149 Resp: 1016882

Ion Ratio Lower Upper

149 100

177 20.4 17.9 26.9

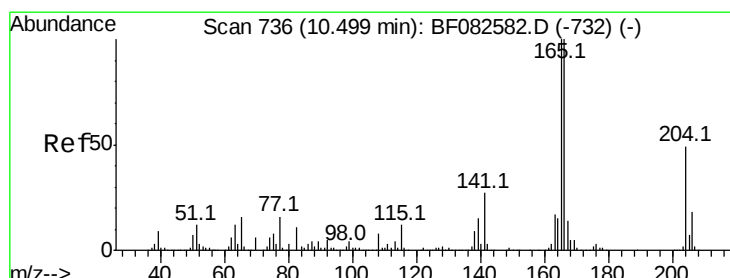
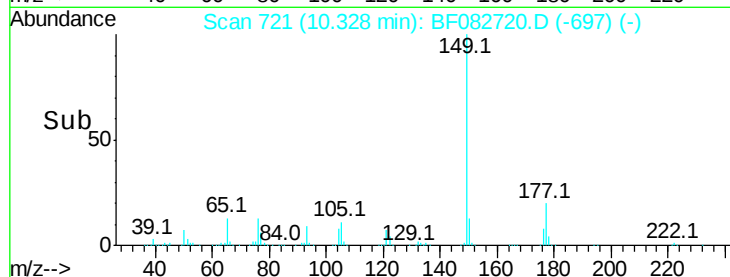
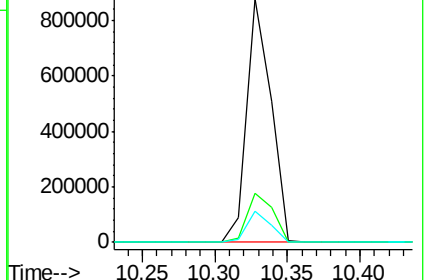
150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 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

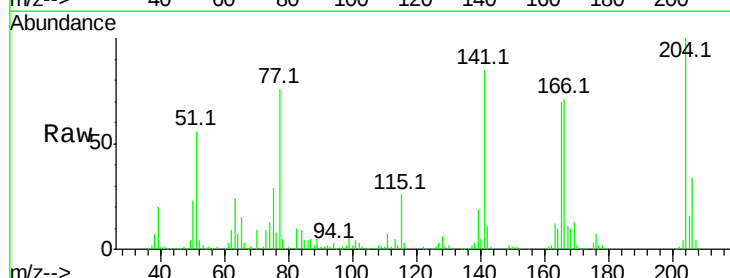
Tgt Ion:204 Resp: 424978

Ion Ratio Lower Upper

204 100

206 33.8 28.5 42.7

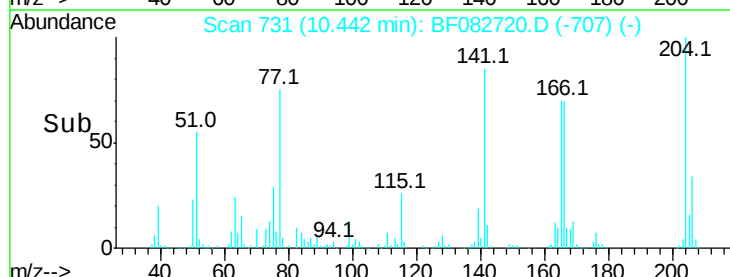
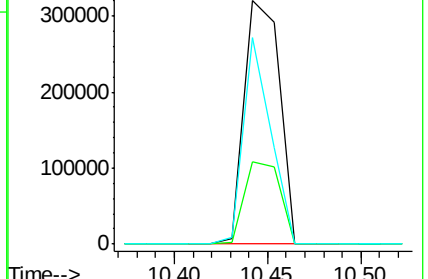
141 85.0 44.6 66.8#

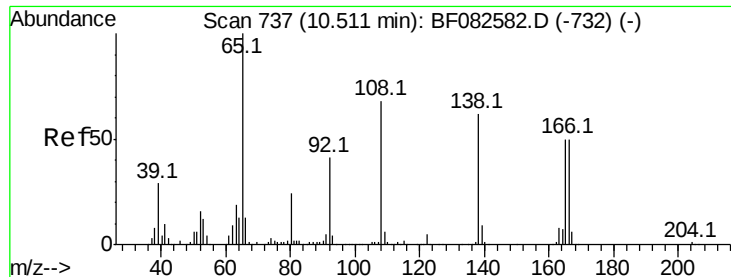


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

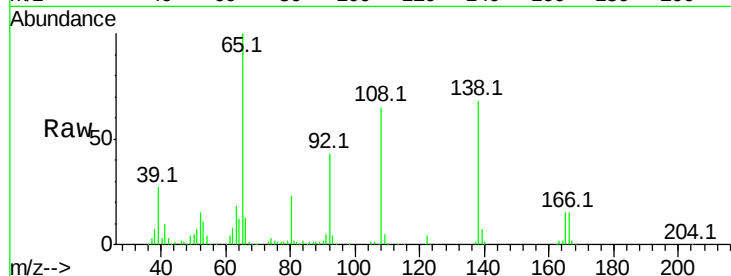




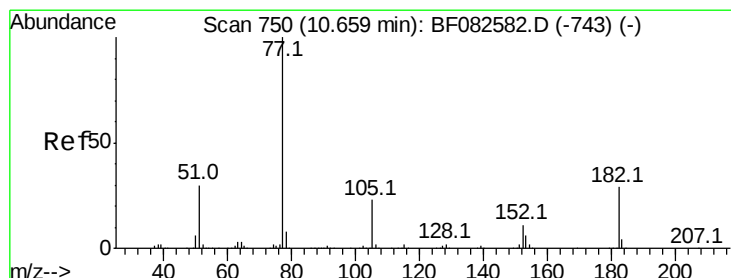
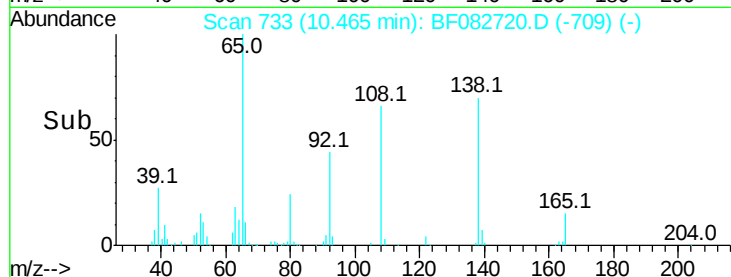
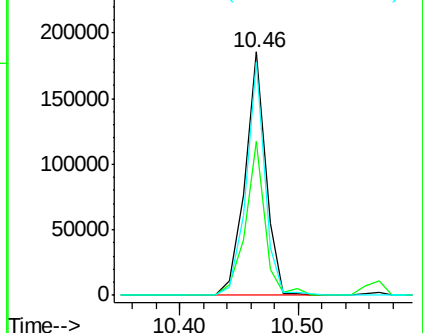
#61
4-Nitroaniline
Concen: 38.87 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

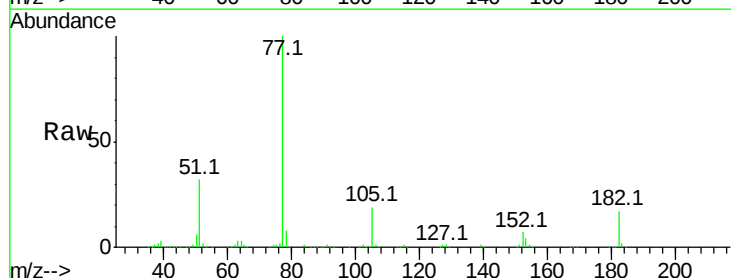


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

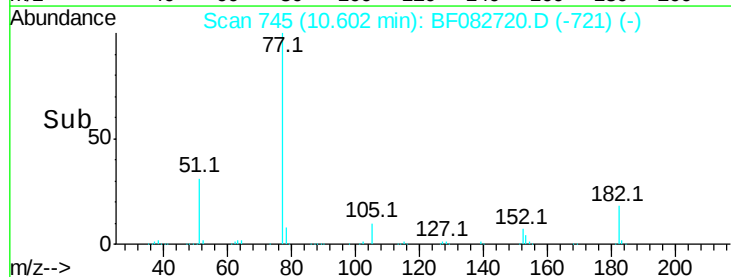
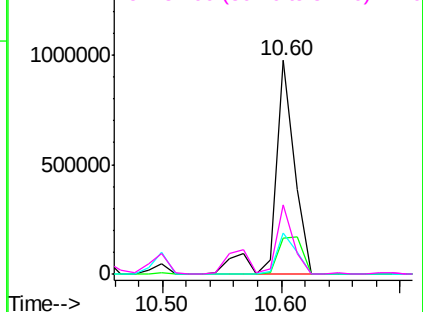


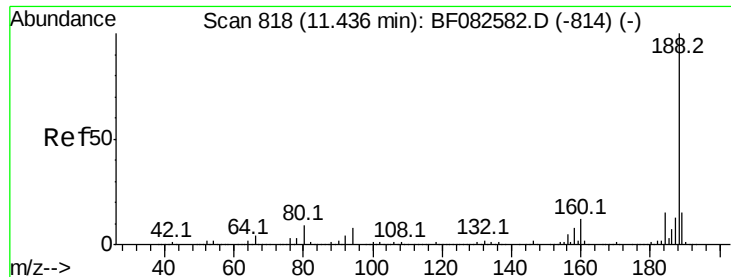
#62
Azobenzene
Concen: 35.67 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

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

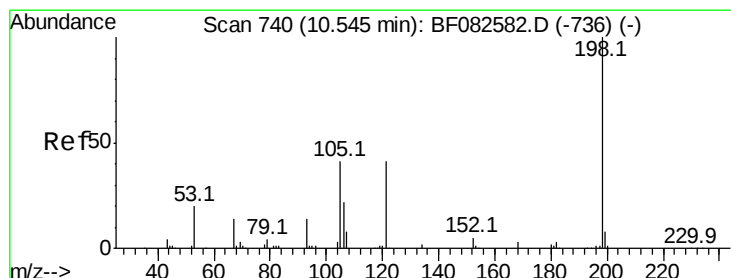
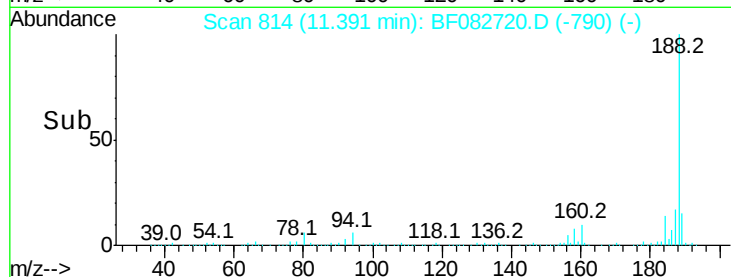
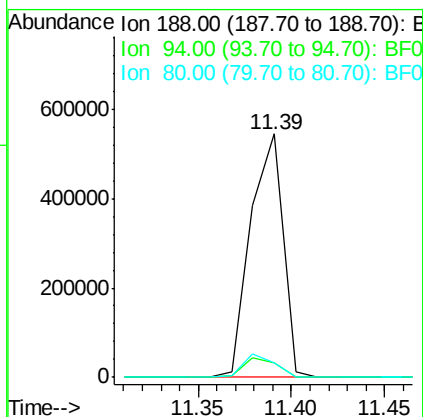
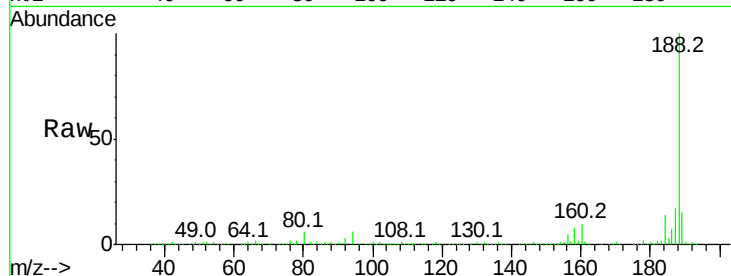




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

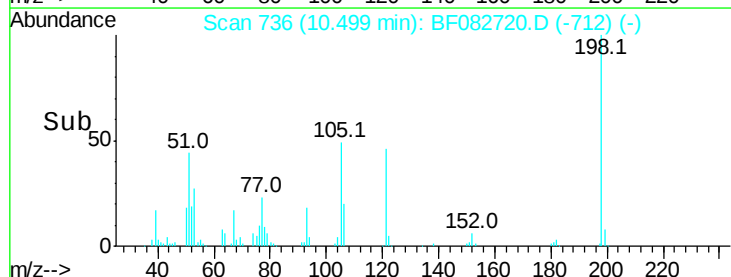
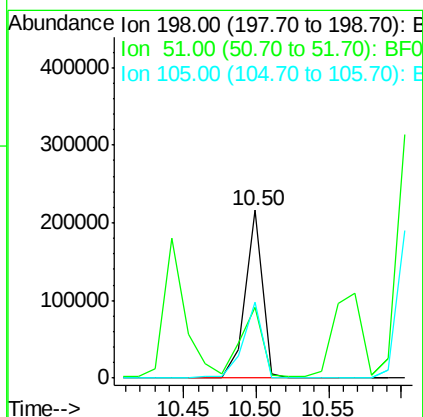
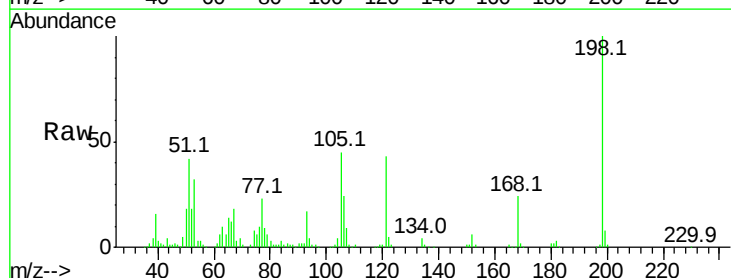
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

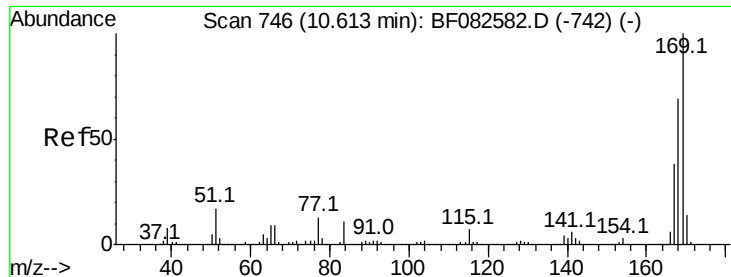
Tot Ion:188 Resp: 655410
 Ion Ratio Lower Upper
 188 100
 94 5.8 6.1 9.1#
 80 6.2 7.0 10.6#



#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

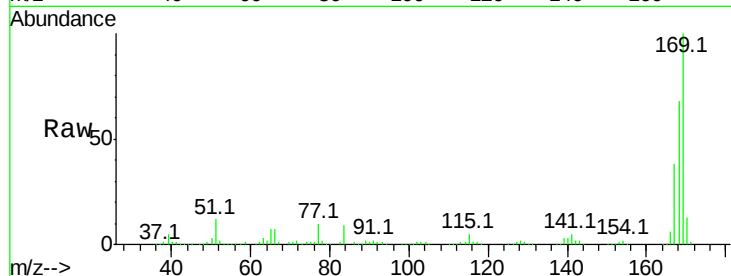




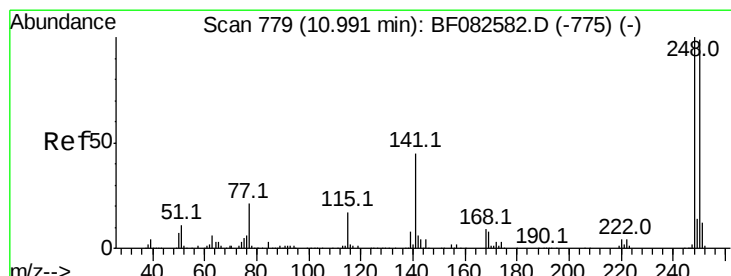
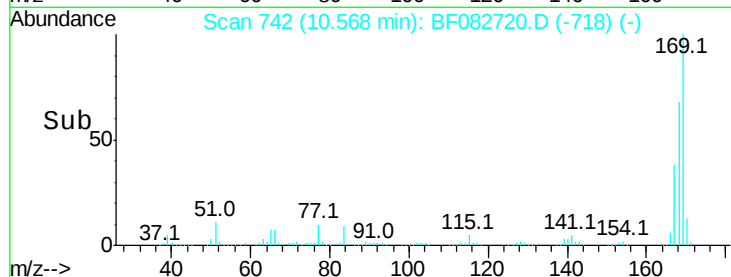
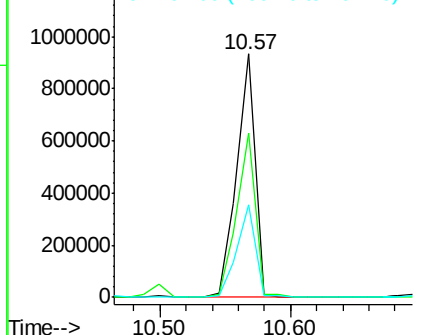
#65
 n-Nitrosodiphenylamine
 Concen: 40.22 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

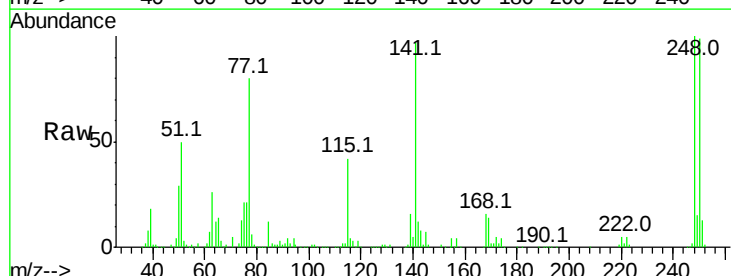


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

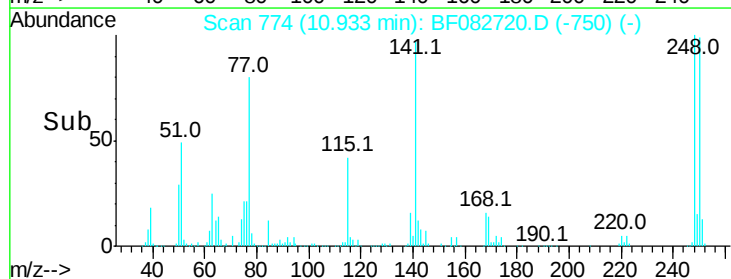
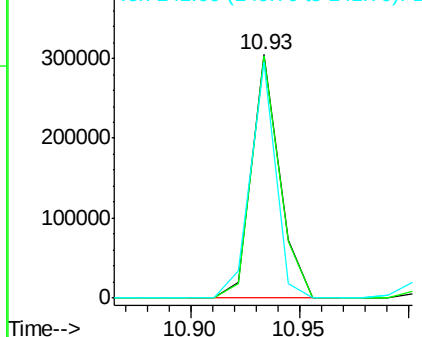


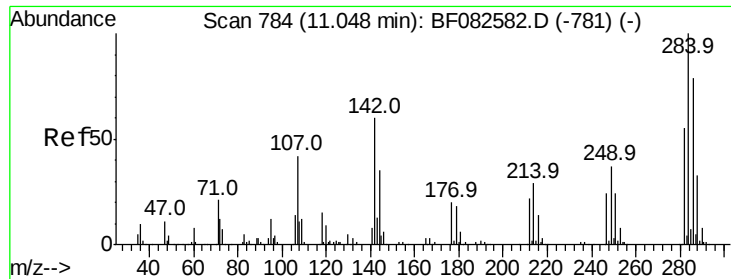
#66
 4-Bromophenyl-phenylether
 Concen: 36.64 ng
 RT: 10.93 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

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

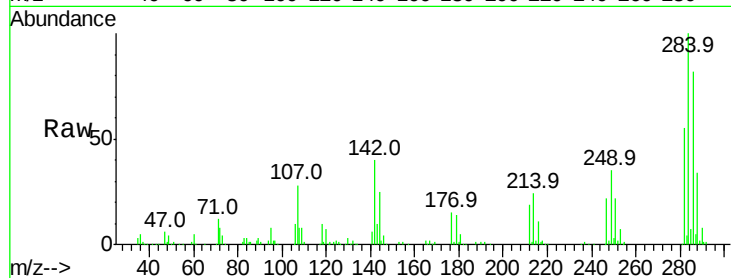




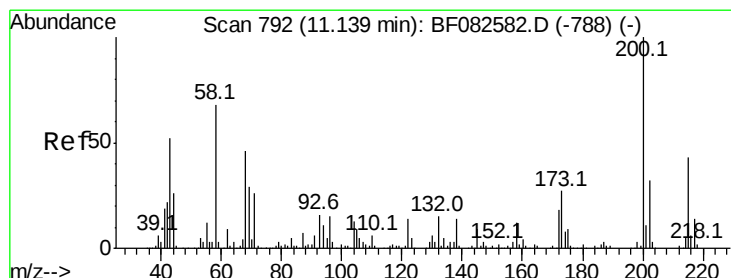
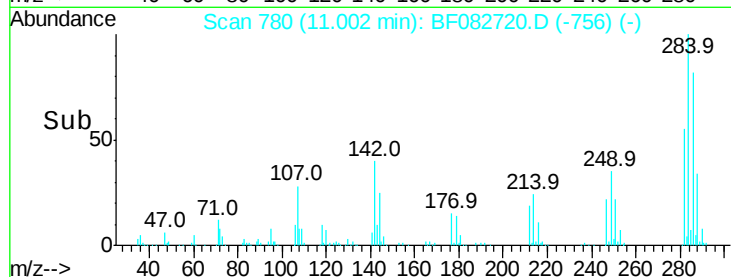
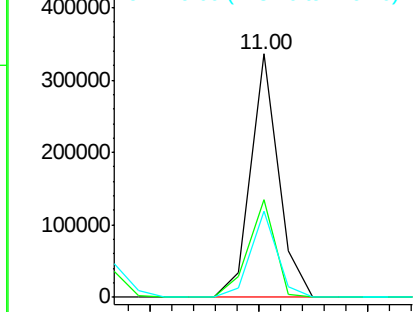
#67
Hexachlorobenzene
Concen: 36.22 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

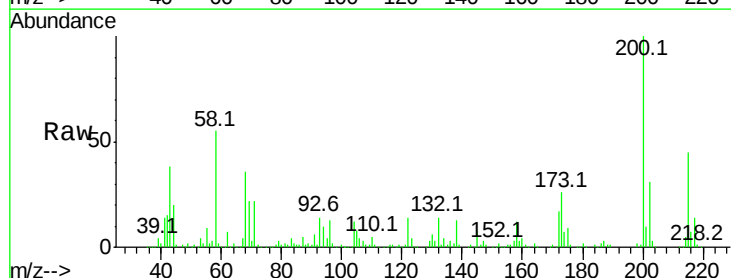


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

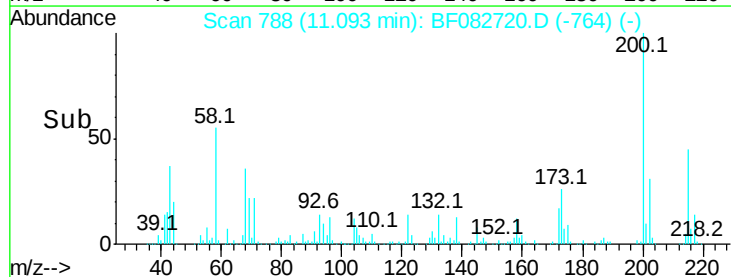
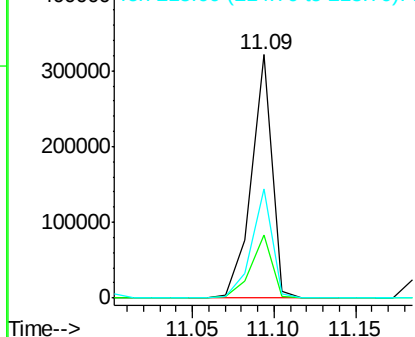


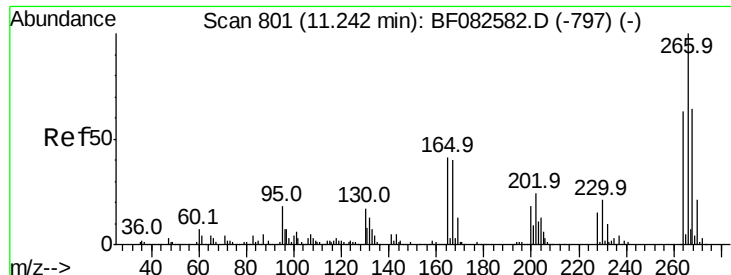
#68
Atrazine
Concen: 38.40 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

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

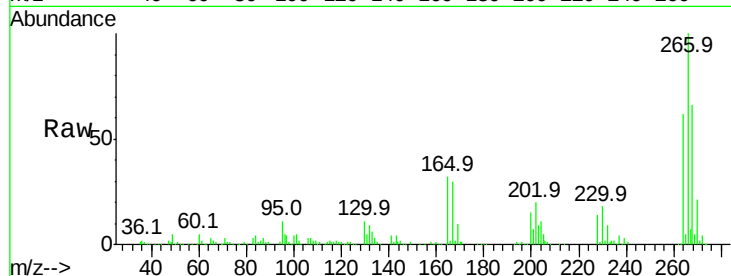




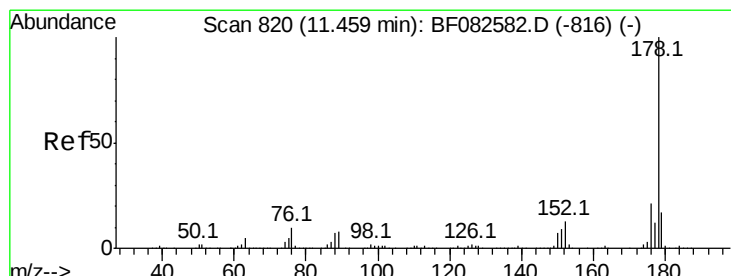
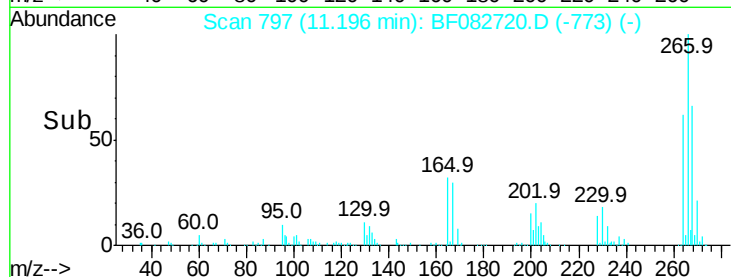
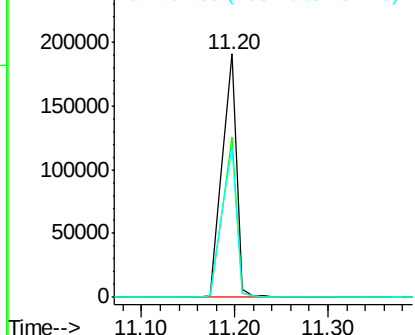
#69
 Pentachlorophenol
 Concen: 37.25 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

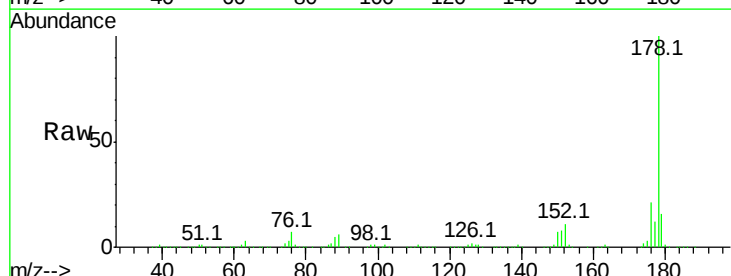


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

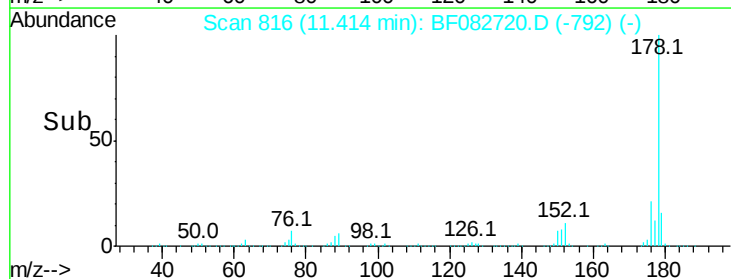
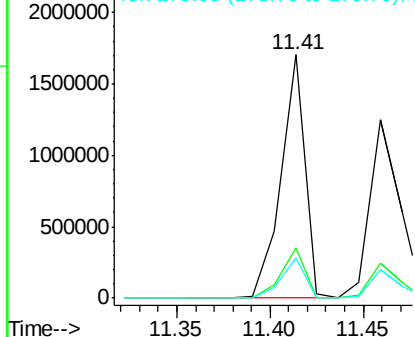


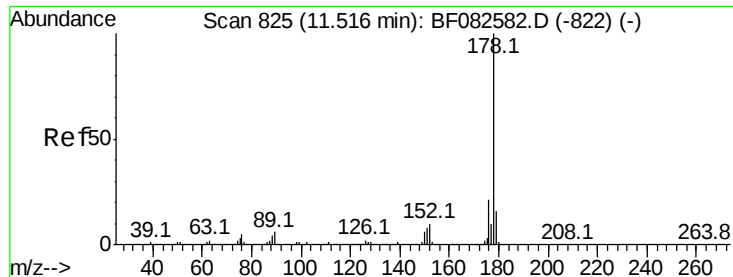
#70
 Phenanthrene
 Concen: 41.09 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

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

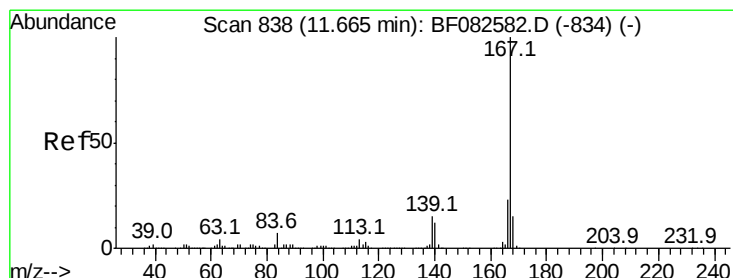
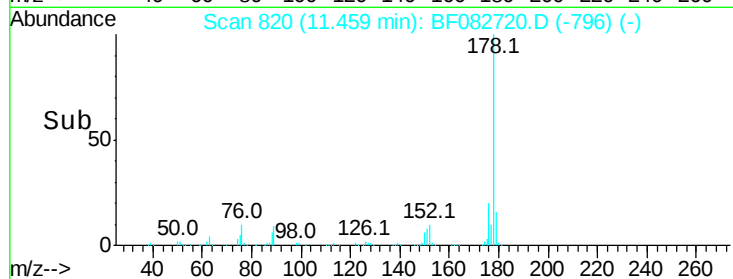
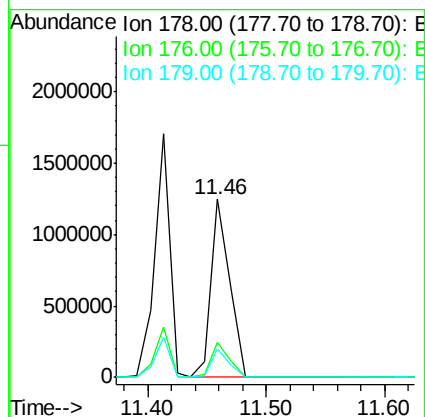
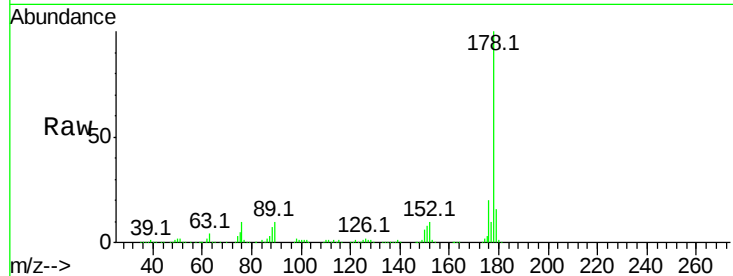




#71
 Anthracene
 Concen: 36.19 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

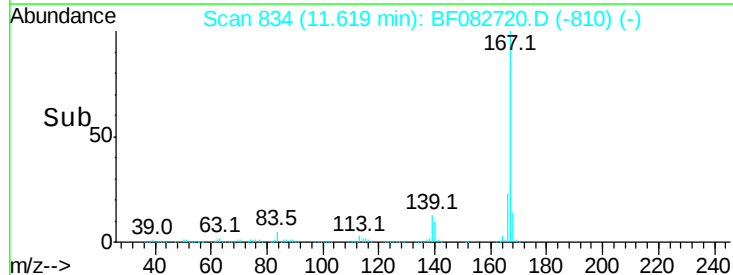
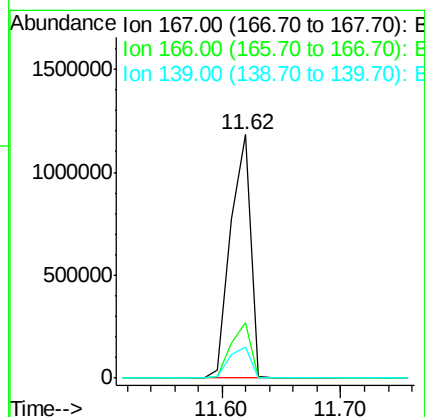
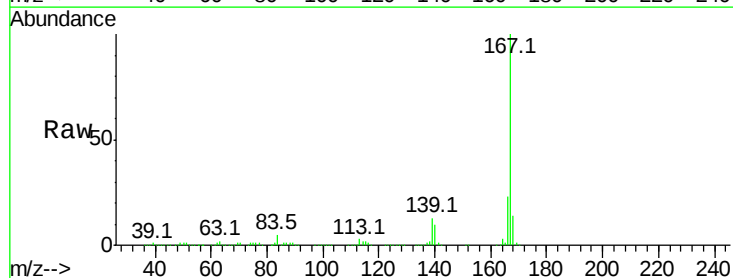
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

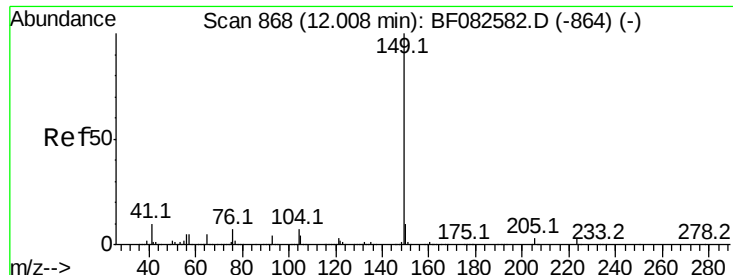
Tot Ion:178 Resp: 1346846
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.5 24.7
 179 16.2 13.2 19.8



#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

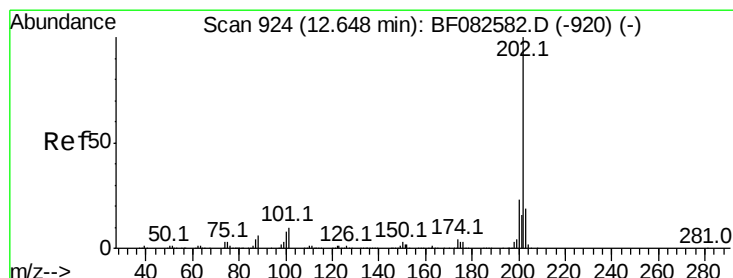
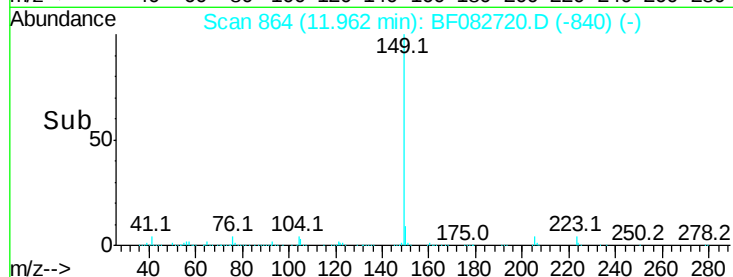
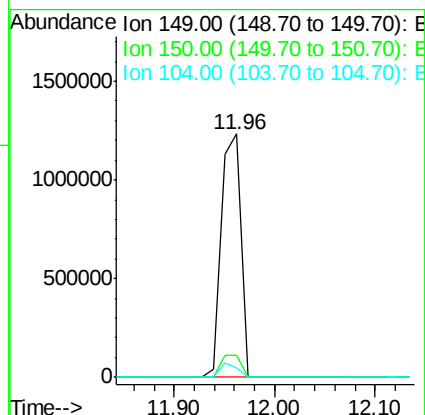
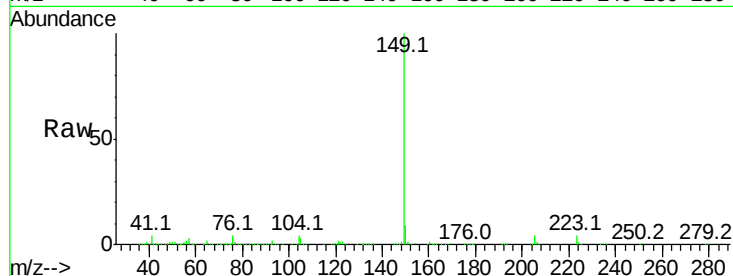




#73
Di-n-butylphthalate
Concen: 40.05 ng
RT: 11.96 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

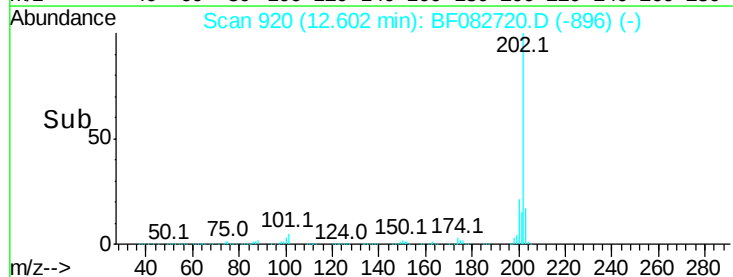
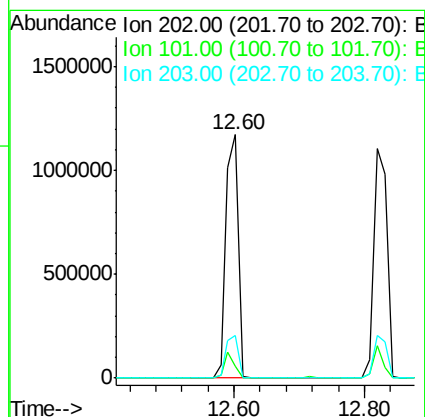
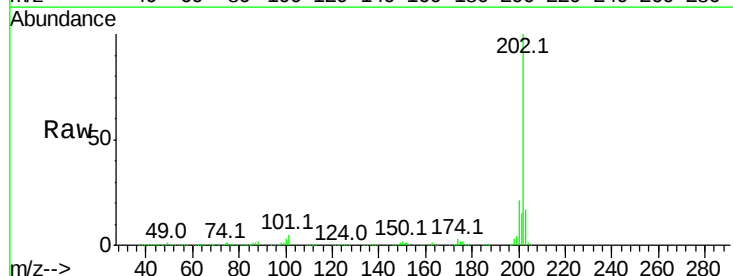
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

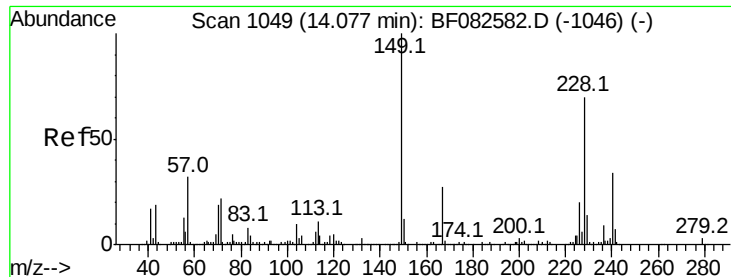
Tot Ion:149 Resp: 1653101
Ion Ratio Lower Upper
149 100
150 9.2 8.1 12.1
104 4.1 5.2 7.8#



#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





#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

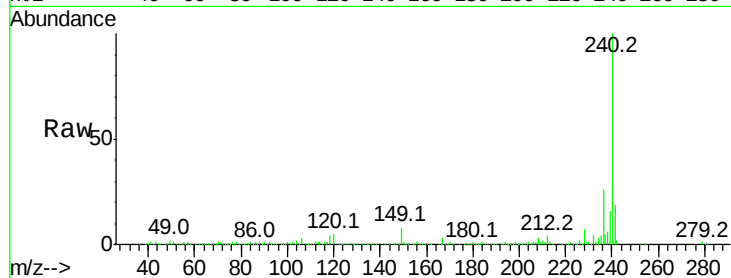
Tot Ion:240 Resp: 586941

Ion Ratio Lower Upper

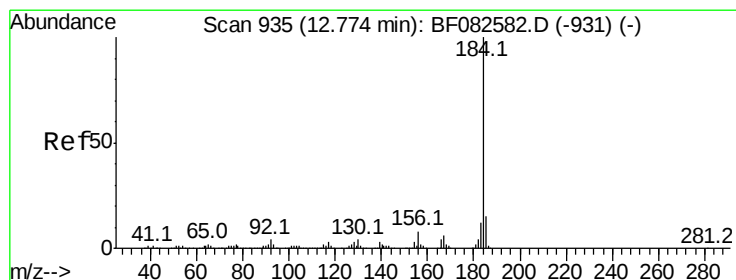
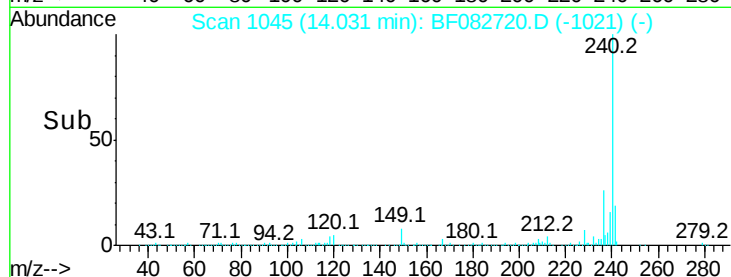
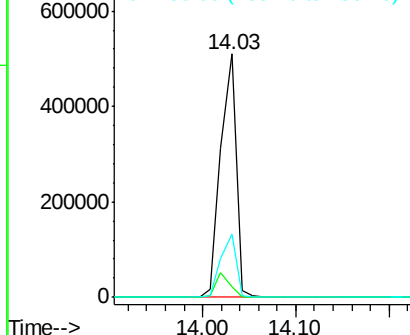
240 100

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

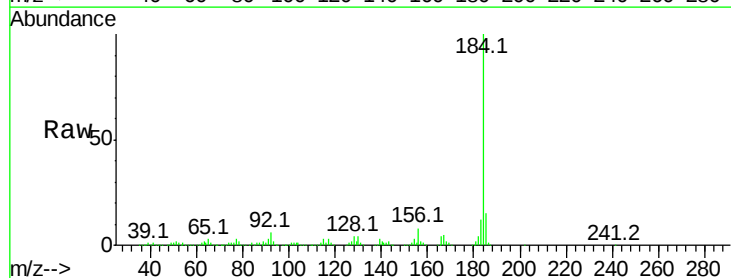
Tgt Ion:184 Resp: 660576

Ion Ratio Lower Upper

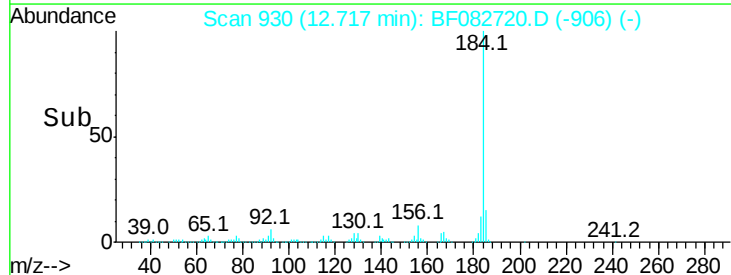
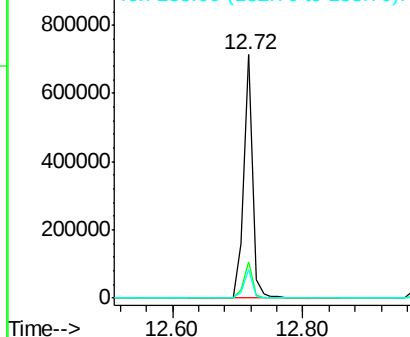
184 100

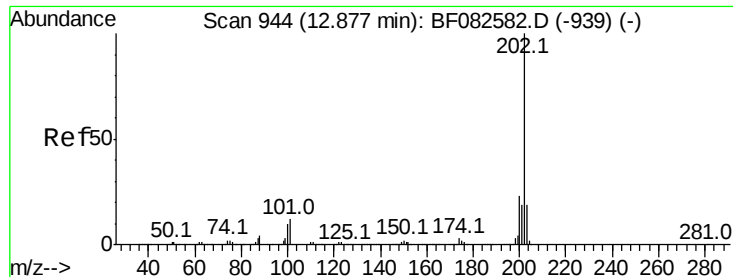
185 15.1 12.0 18.0

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

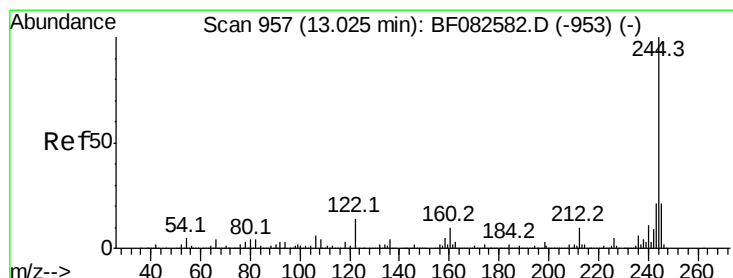
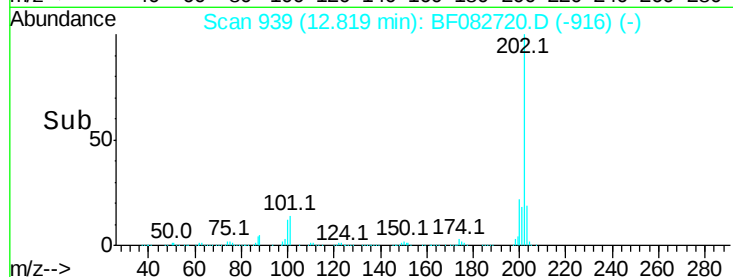
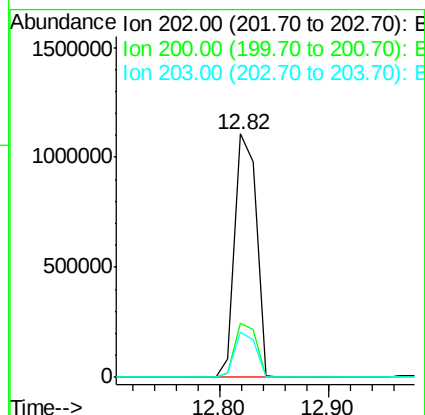
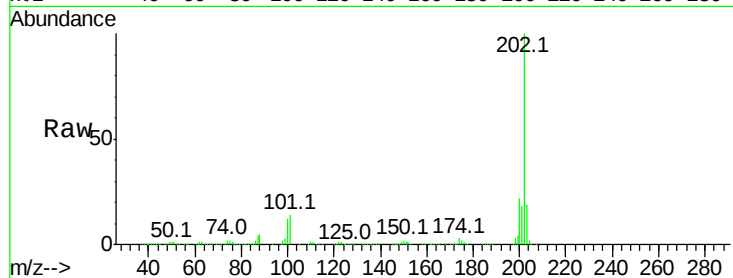




#77
Pvrene
Concen: 34.54 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.03 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

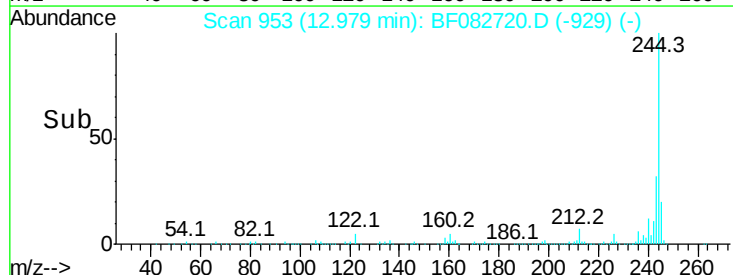
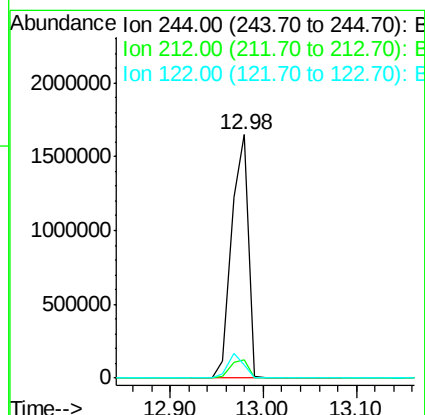
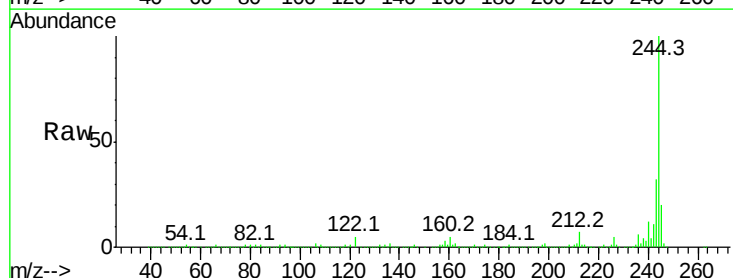
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

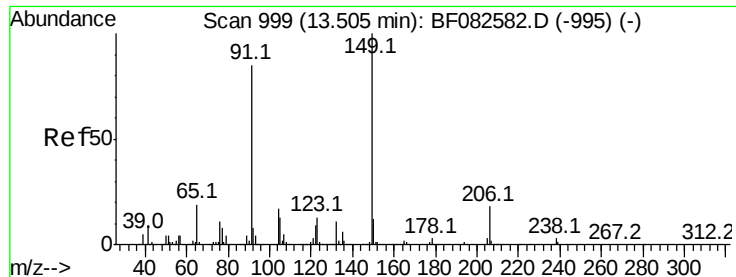
Tot Ion:202 Resp: 1501099
Ion Ratio Lower Upper
202 100
200 22.3 18.7 28.1
203 18.5 14.8 22.2



#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#

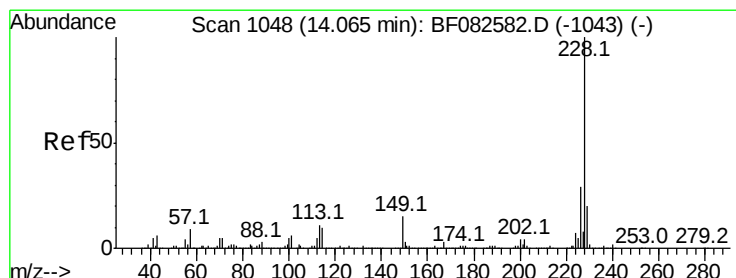
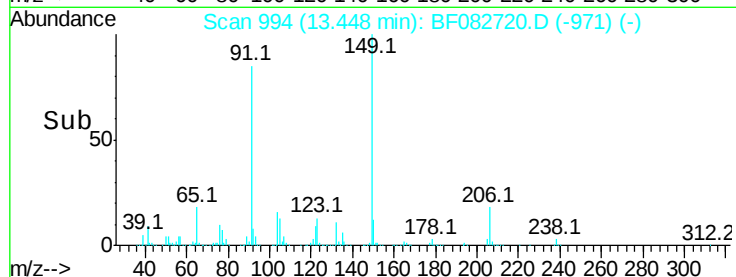
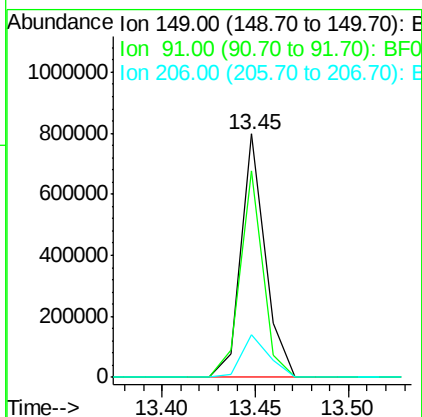
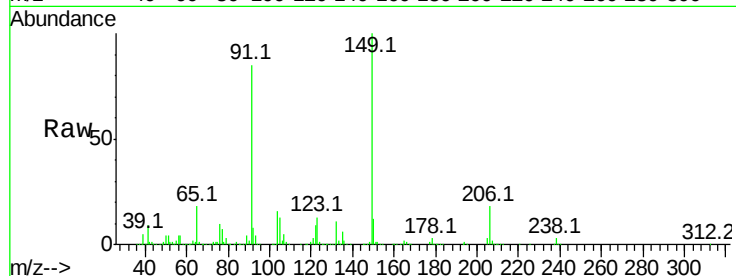




#79
Butylbenzylphthalate
Concen: 37.95 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

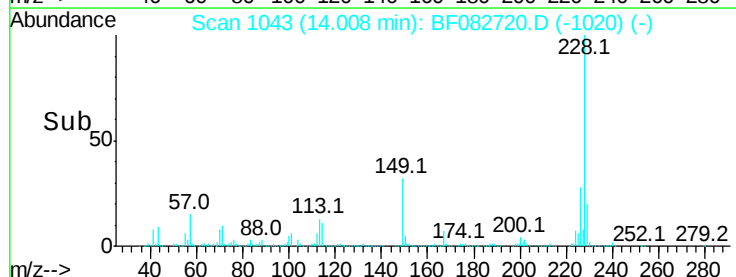
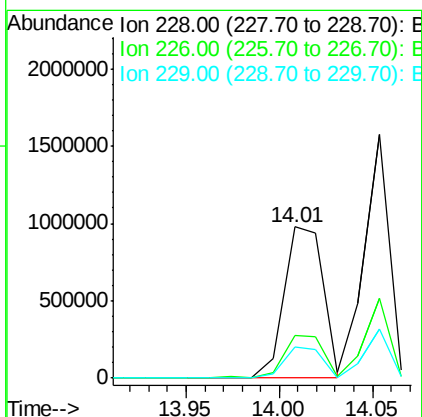
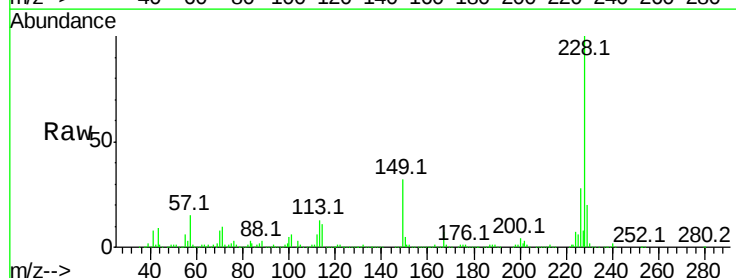
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

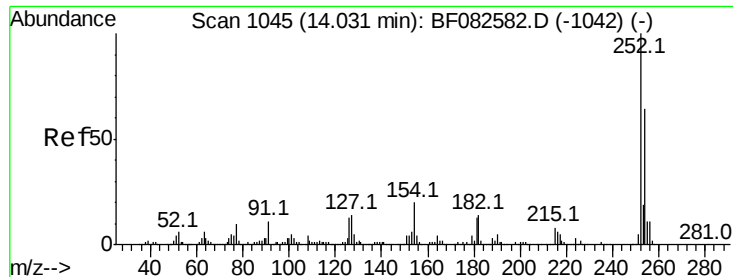
Tot Ion:149 Resp: 722477
Ion Ratio Lower Upper
149 100
91 85.0 67.7 101.5
206 17.5 14.6 22.0



#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

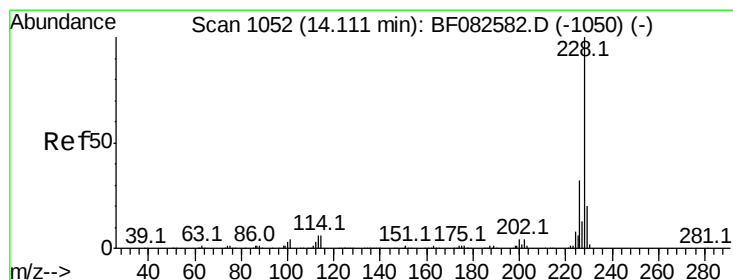
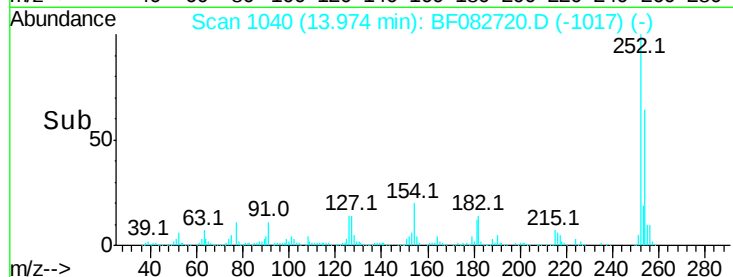
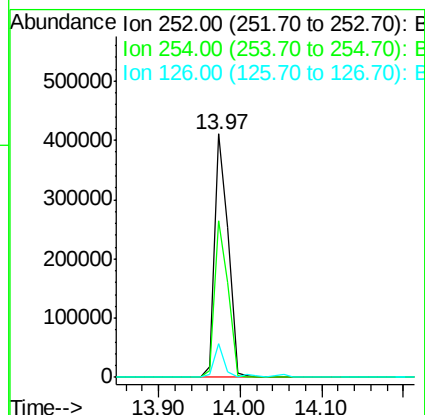
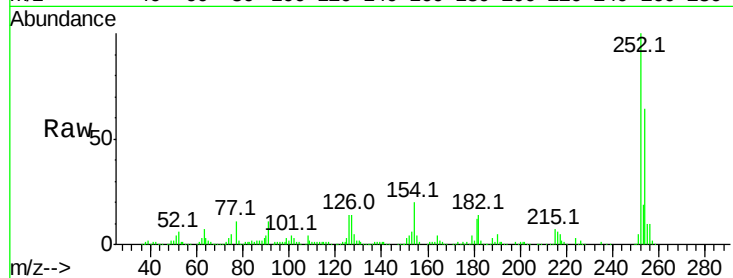




#81
 3,3'-Dichlorobenzidine
 Concen: 37.14 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

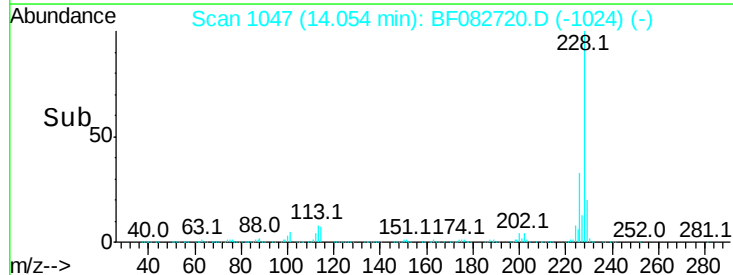
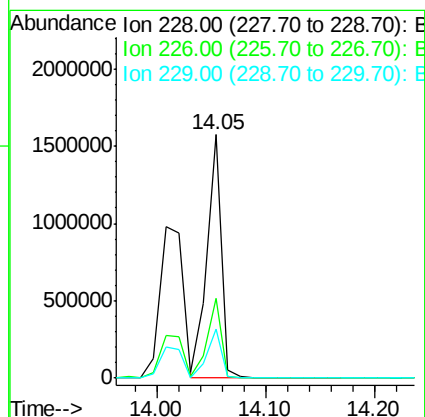
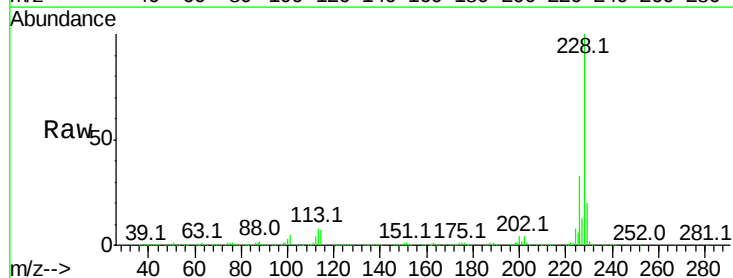
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

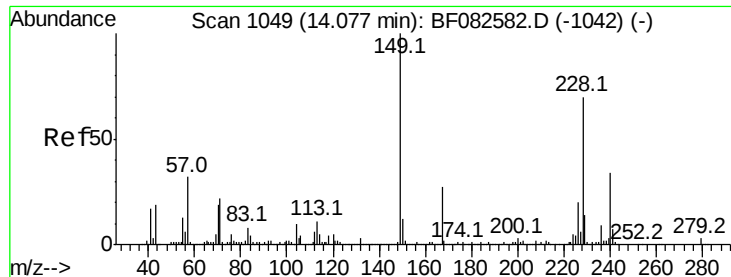
Tot Ion:252 Resp: 477097
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.4 77.0
 126 13.6 10.7 16.1



#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

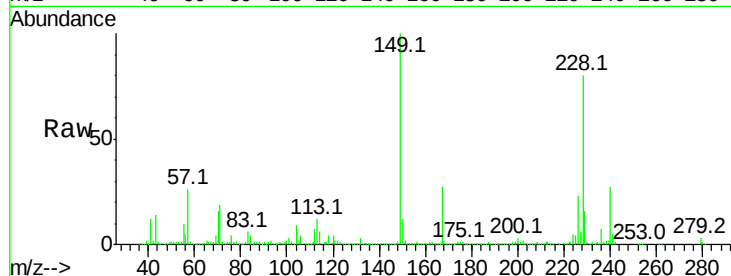
Tot Ion:149 Resp: 1057774

Ion Ratio Lower Upper

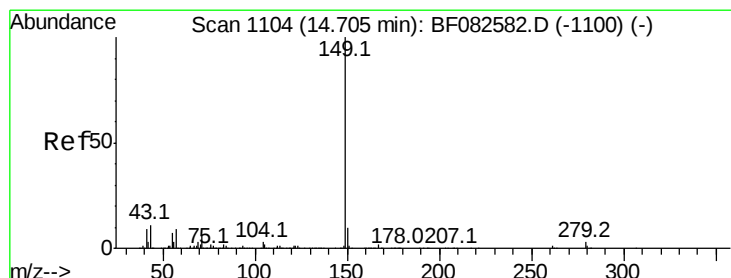
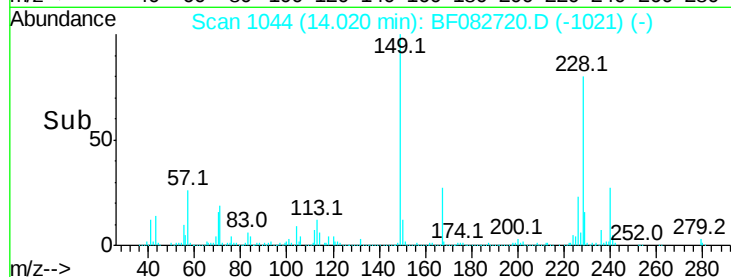
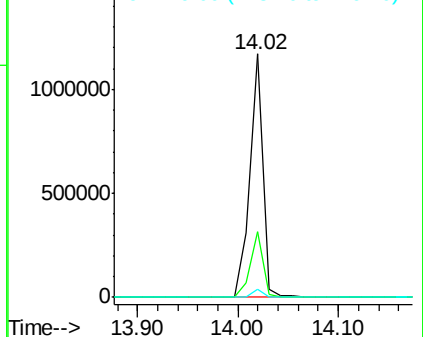
149 100

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

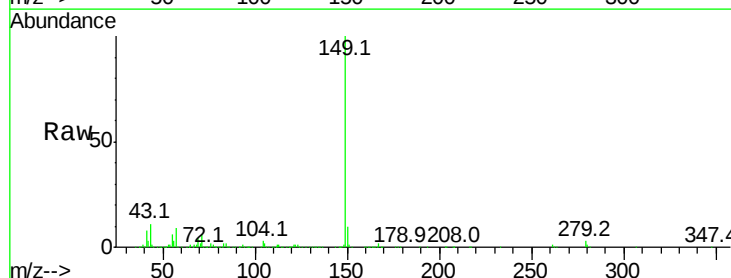
Tgt Ion:149 Resp: 1663089

Ion Ratio Lower Upper

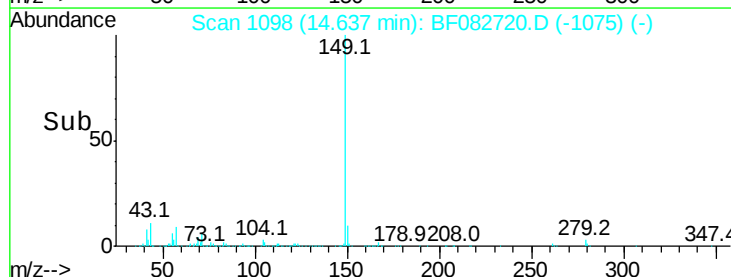
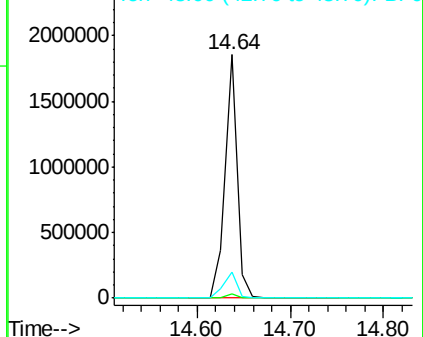
149 100

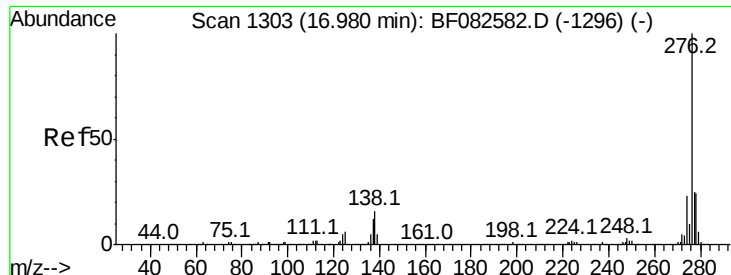
167 1.6 1.3 1.9

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

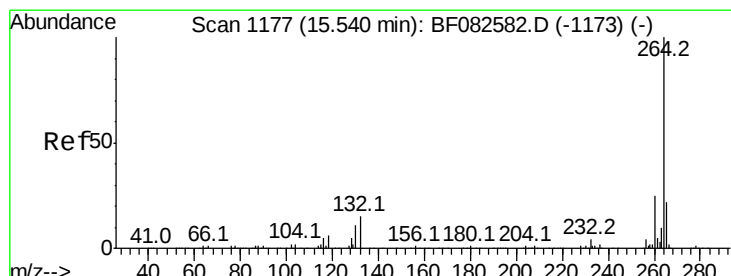
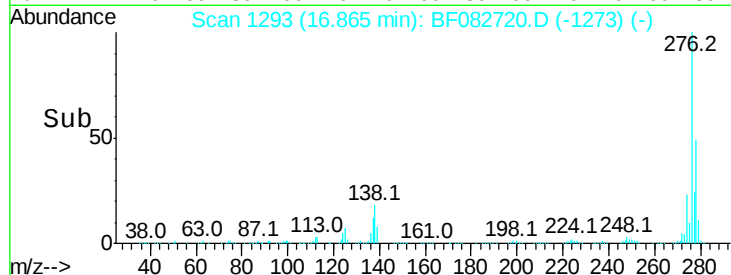
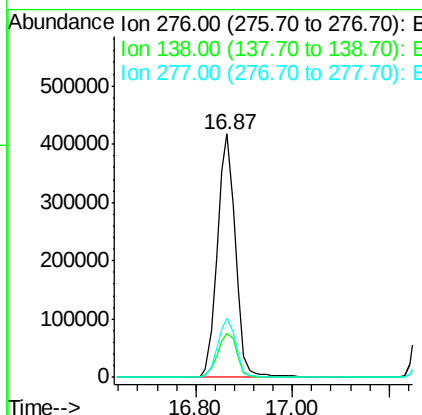
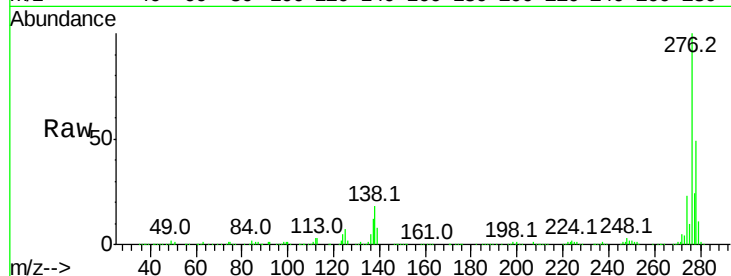




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.43 ng
 RT: 16.87 min Scan# 1293
 Delta R.T. -0.07 min
 Lab File: BF082720.D
 Acq: 5 Nov 2015 10:08

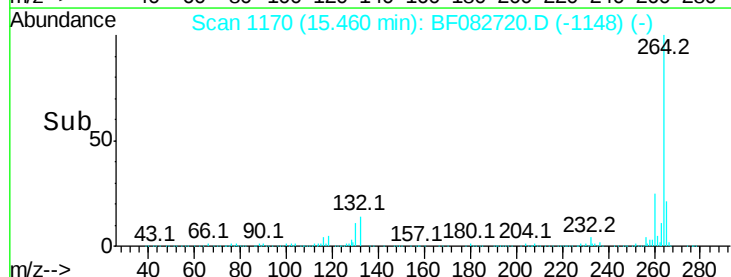
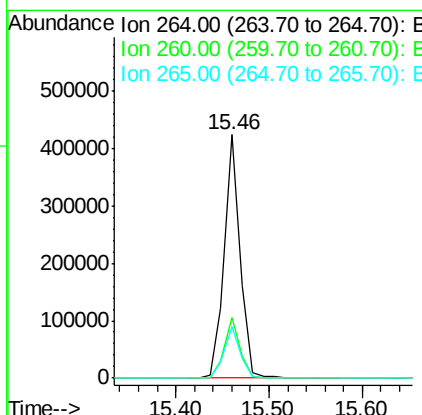
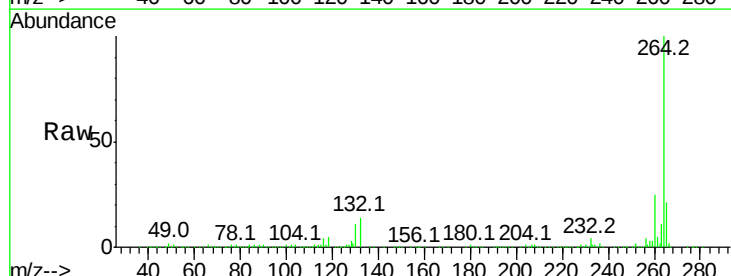
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

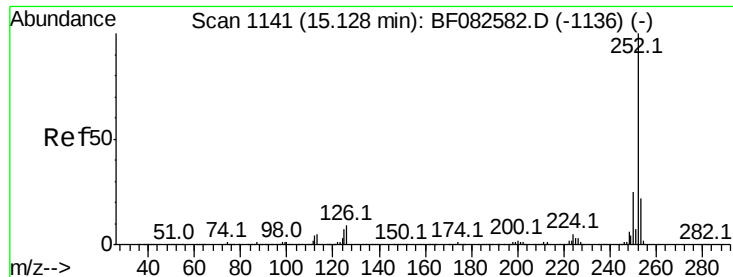
Tot Ion:276 Resp: 1099743
 Ion Ratio Lower Upper
 276 100
 138 19.4 15.3 22.9
 277 24.8 20.2 30.4



#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: 39.99 ng m

RT: 15.06 min Scan# 1135

Delta R.T. -0.03 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

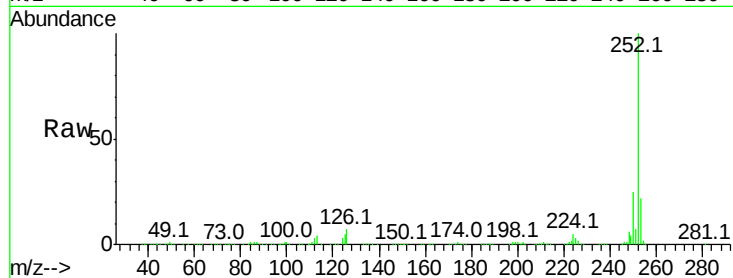
Tot Ion:252 Resp: 1389663

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

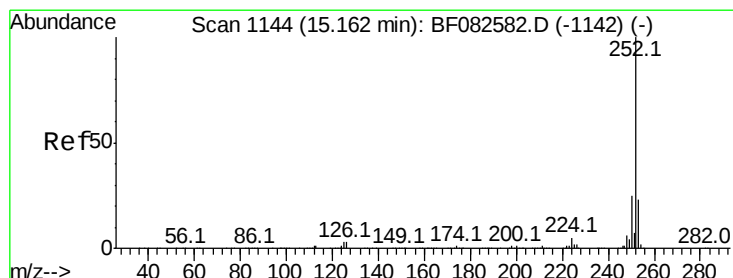
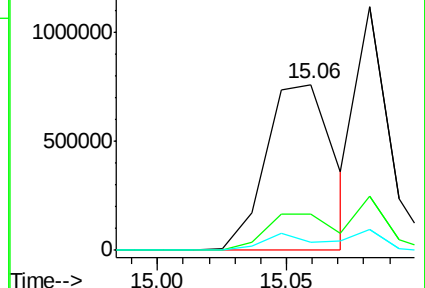
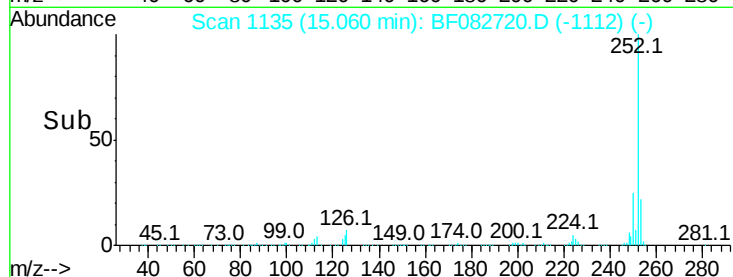
125 5.2 5.4 8.2#



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: 36.37 ng m

RT: 15.08 min Scan# 1137

Delta R.T. -0.05 min

Lab File: BF082720.D

Acq: 5 Nov 2015 10:08

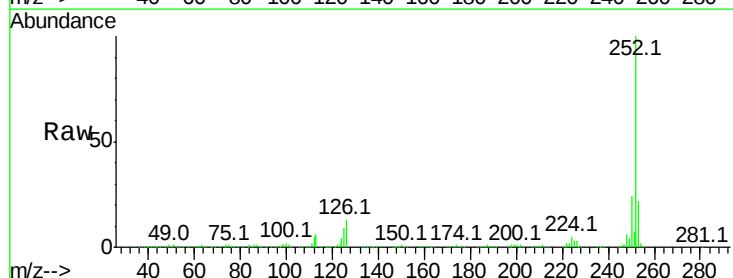
Tgt Ion:252 Resp: 962756

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

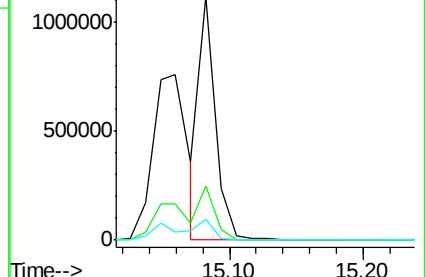
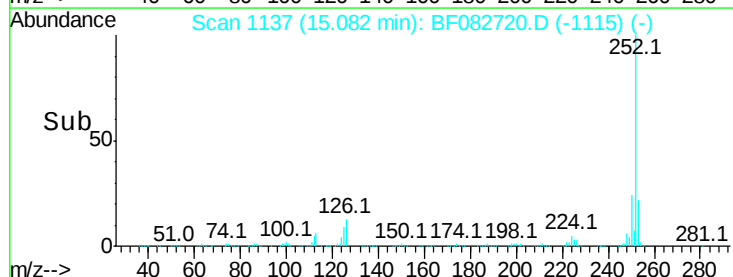
125 8.6 3.5 5.3#

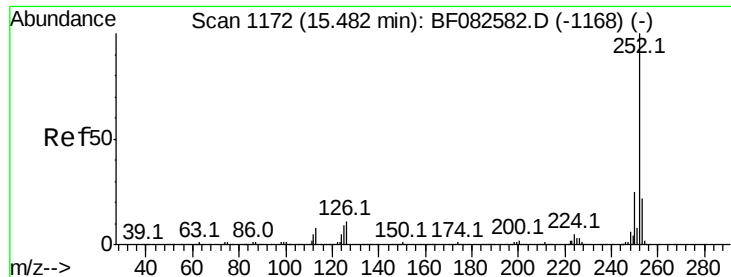


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

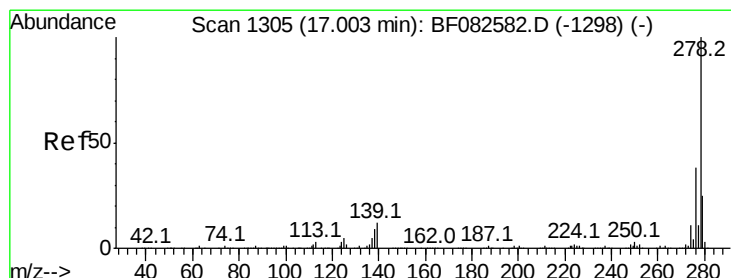
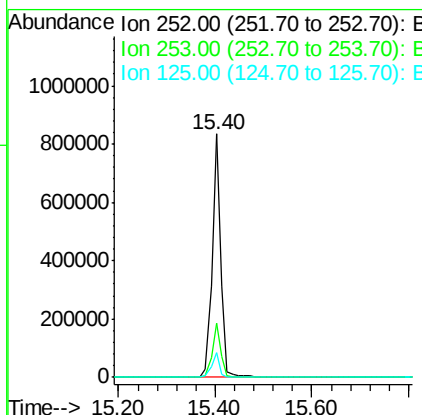
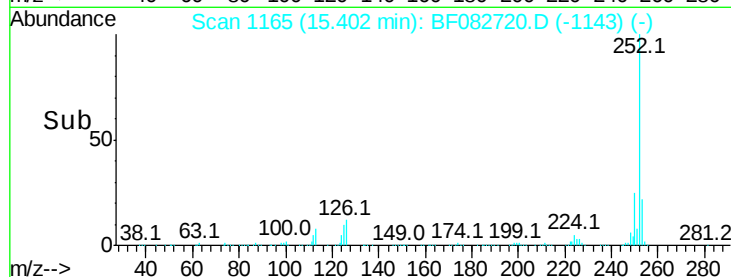
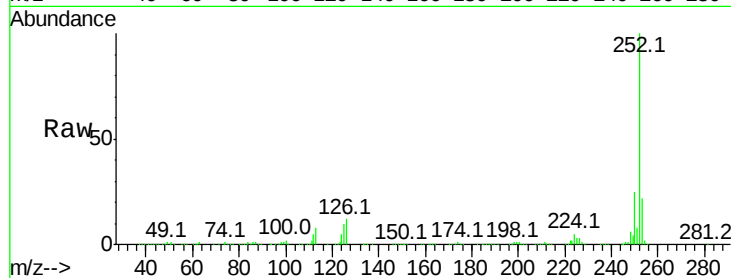




#89
Benzo(a)pyrene
Concen: 38.65 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF082720.D
Acq: 5 Nov 2015 10:08

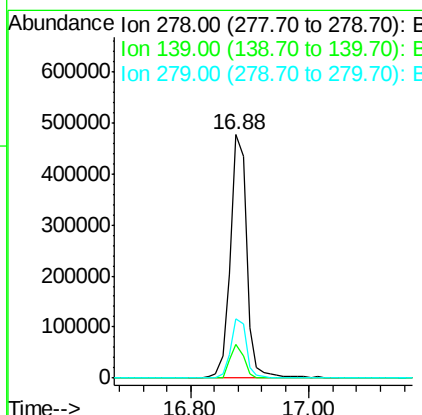
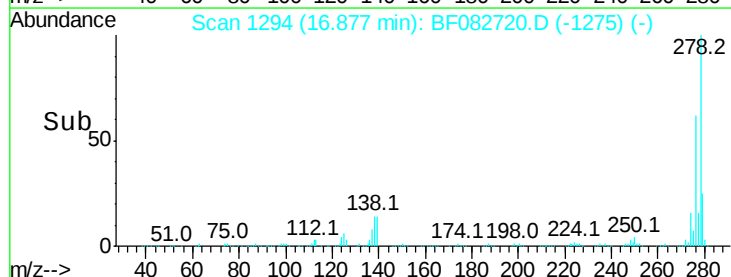
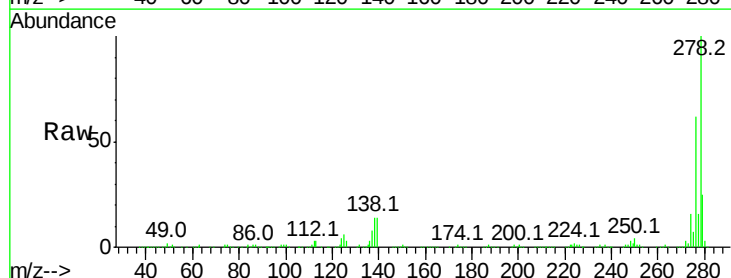
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

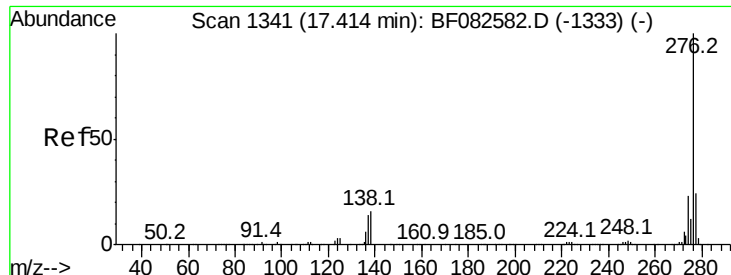
Tot Ion:252 Resp: 1057766
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.0 7.1 10.7



#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





#91

Benzo(a,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

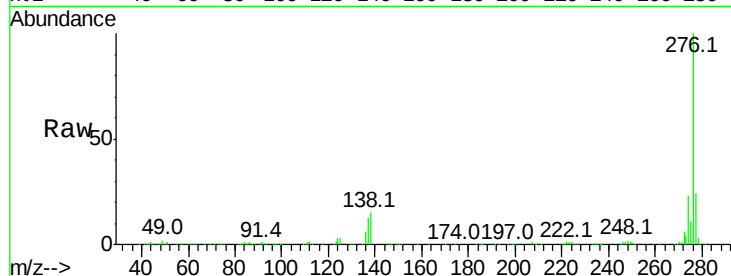
Tot Ion:276 Resp: 869373

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

