

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100715\
 Data File : BF082101.D
 Acq On : 7 Oct 2015 11:57
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 08 02:18:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	97630	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	383933	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	194594	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	373578	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	369620	20.00	ng	0.00
86) Perylene-d12	15.50	264	311601	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	412788	76.75	ng	-0.01
7) Phenol-d6	6.50	99	511211	75.54	ng	-0.01
23) Nitrobenzene-d5	7.45	82	478438	83.07	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	146105	74.14	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	987879	84.94	ng	0.00
78) Terphenyl-d14	13.00	244	923758	79.21	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.45	88	92148	39.40	ng	83
3) Pyridine	3.18	79	238661	39.19	ng	85
4) n-Nitrosodimethylamine	3.14	42	92680	33.51	ng	95
6) Aniline	6.54	93	324301	35.67	ng	# 87
8) 2-Chlorophenol	6.66	128	229234	38.60	ng	95
9) Benzaldehyde	6.42	77	142873	32.24	ng	# 80
10) Phenol	6.53	94	285638	37.63	ng	# 69
11) bis(2-Chloroethyl)ether	6.62	93	243330	41.33	ng	92
12) 1,3-Dichlorobenzene	7.05	146	244590	34.87	ng	98
13) 1,4-Dichlorobenzene	7.05	146	248489	33.92	ng	97
14) 1,2-Dichlorobenzene	7.05	146	256712	39.33	ng	98
15) Benzyl Alcohol	7.02	79	175074	35.84	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.15	45	302198	36.31	ng	83
17) 2-Methylphenol	7.13	107	181994	37.80	ng	# 85
18) Hexachloroethane	7.38	117	91380	39.85	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	156303	38.00	ng	# 78
20) 3+4-Methylphenols	7.29	107	229141	37.68	ng	# 59
22) Acetophenone	7.29	105	300396	38.27	ng	# 77
24) Nitrobenzene	7.46	77	229980	36.77	ng	# 64
25) Isophorone	7.70	82	440511	38.59	ng	# 89
26) 2-Nitrophenol	7.78	139	135249	45.05	ng	# 71
27) 2,4-Dimethylphenol	7.82	122	199236	37.73	ng	# 81
28) bis(2-Chloroethoxy)methane	7.92	93	280808	41.42	ng	# 95
29) 2,4-Dichlorophenol	8.02	162	215315	42.05	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	221921	38.82	ng	97
31) Naphthalene	8.18	128	629206	36.99	ng	97
32) Benzoic acid	7.94	122	117862	38.94	ng	# 69
33) 4-Chloroaniline	8.24	127	296876	40.36	ng	# 92
34) Hexachlorobutadiene	8.30	225	128908	38.13	ng	97
35) Caprolactam	8.62	113	56885	40.13	ng	# 81
36) 4-Chloro-3-methylphenol	8.72	107	209929	41.92	ng	# 82
37) 2-Methylnaphthalene	8.88	142	473273	40.76	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	216335	36.21	ng	98
40) Hexachlorocyclopentadiene	9.03	237	110215	35.83	ng	98

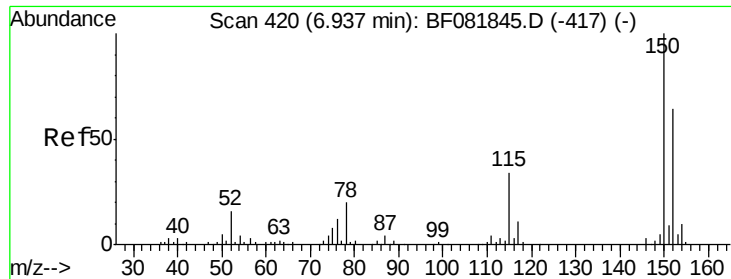
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100715\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	148834	36.34	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	165568	39.31	nq	# 94
45) 1,1'-Biphenyl	9.35	154	579710	38.61	nq	94
46) 2-Chloronaphthalene	9.37	162	470535	39.92	nq	97
47) 2-Nitroaniline	9.47	65	136017	39.31	nq	96
48) Acenaphthylene	9.78	152	699247	37.06	nq	96
49) Dimethylphthalate	9.65	163	500085	37.23	nq	# 97
50) 2,6-Dinitrotoluene	9.71	165	123640	42.40	nq	# 92
51) Acenaphthene	9.95	154	430089	38.39	nq	89
52) 3-Nitroaniline	9.89	138	141441	41.92	nq	# 81
53) 2,4-Dinitrophenol	9.99	184	50811	48.92	nq	# 71
54) Dibenzofuran	10.13	168	584432	36.91	nq	# 88
55) 4-Nitrophenol	10.05	139	84966	34.85	nq	# 75
56) 2,4-Dinitrotoluene	10.11	165	146956	39.53	nq	# 81
57) Fluorene	10.47	166	465721	40.93	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.25	232	134102	40.14	nq	92
59) Diethylphthalate	10.34	149	487728	38.87	nq	99
60) 4-Chlorophenyl-phenylether	10.47	204	225135	38.84	nq	88
61) 4-Nitroaniline	10.50	138	139022	41.10	nq	# 57
62) Azobenzene	10.62	77	470322	38.41	nq	87
64) 4,6-Dinitro-2-methylphenol	10.53	198	81536	48.08	nq	# 70
65) n-Nitrosodiphenylamine	10.58	169	420839	37.23	nq	91
66) 4-Bromophenyl-phenylether	10.96	248	148222	39.35	nq	# 83
67) Hexachlorobenzene	11.02	284	160441	37.74	nq	# 83
68) Atrazine	11.11	200	134577	38.37	nq	83
69) Pentachlorophenol	11.21	266	93599	38.64	nq	99
70) Phenanthrene	11.43	178	709264	39.24	nq	96
71) Anthracene	11.49	178	762637	40.16	nq	97
72) Carbazole	11.65	167	708180	41.21	nq	95
73) Di-n-butylphthalate	11.97	149	774479	44.22	nq	# 98
74) Fluoranthene	12.62	202	790062	39.48	nq	93
76) Benzidine	12.76	184	406640	36.51	nq	98
77) Pyrene	12.86	202	822114	37.23	nq	97
79) Butylbenzylphthalate	13.48	149	373975	45.01	nq	# 86
80) Benzo(a)anthracene	14.05	228	737266	37.04	nq	97
81) 3,3'-Dichlorobenzidine	14.01	252	298919	44.47	nq	# 93
82) Chrysene	14.08	228	755648	42.14	nq	93
83) Bis(2-ethylhexyl)phthalate	14.02	149	478971	45.95	nq	# 92
84) Di-n-octyl phthalate	14.64	149	828665	48.85	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.94	276	595365	38.24	nq	# 87
87) Benzo(b)fluoranthene	15.09	252	715802	40.24	nq	# 85
88) Benzo(k)fluoranthene	15.09	252	715802	43.90	nq	# 85
89) Benzo(a)pyrene	15.44	252	604923	39.20	nq	# 87
90) Dibenzo(a,h)anthracene	16.95	278	489364	37.80	nq	# 82
91) Benzo(g,h,i)perylene	17.37	276	475574	35.84	nq	# 74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF082101.D

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SSTDCCC040

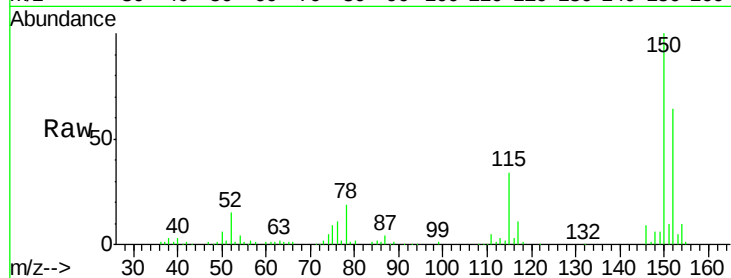
Tot Ion:152 Resp: 97630

Ion Ratio Lower Upper

152 100

150 155.2 124.7 187.1

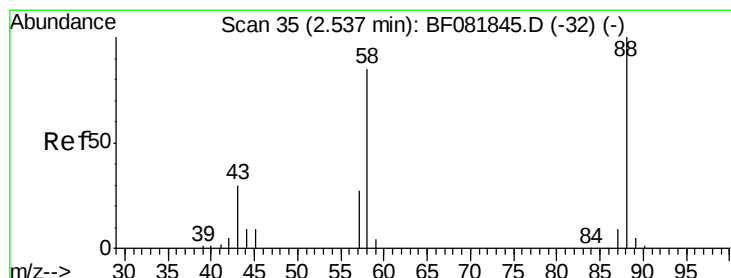
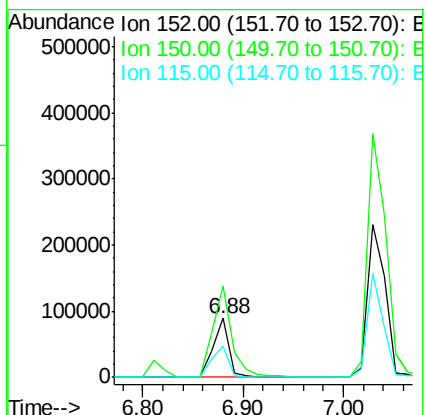
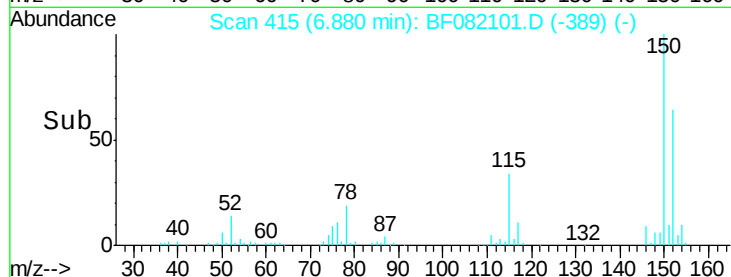
115 52.5 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.40 ng

RT: 2.45 min Scan# 27

Delta R.T. -0.06 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

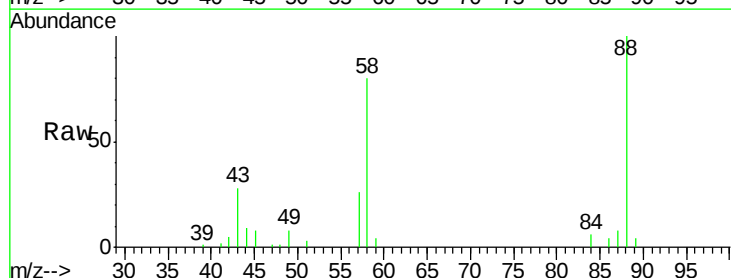
Tgt Ion: 88 Resp: 92148

Ion Ratio Lower Upper

88 100

58 78.0 77.7 116.5

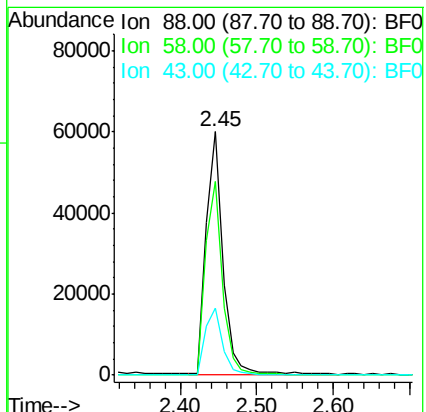
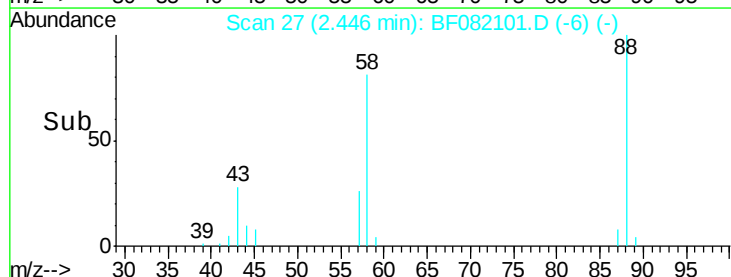
43 27.6 26.6 40.0

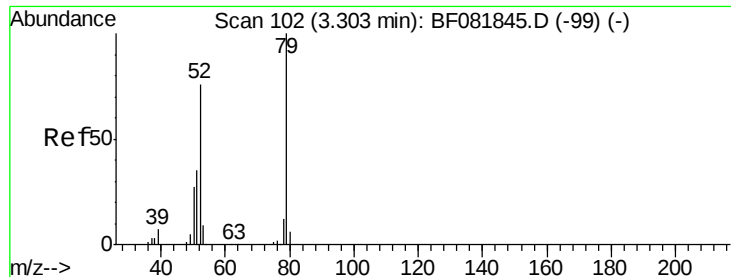


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.19 ng

RT: 3.18 min Scan# 91

Delta R.T. -0.06 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

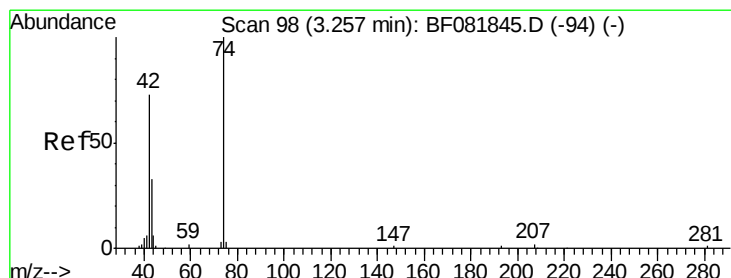
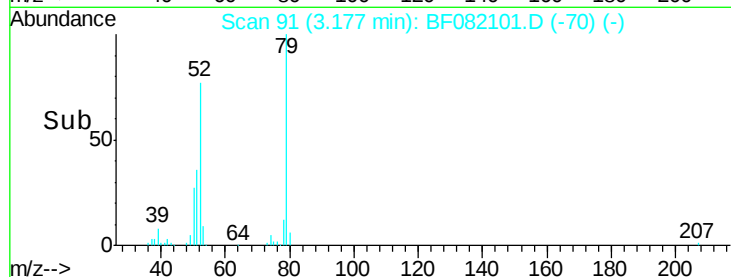
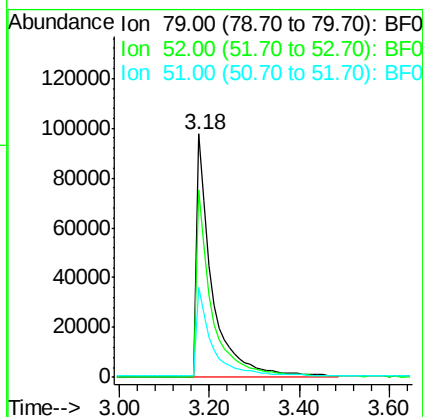
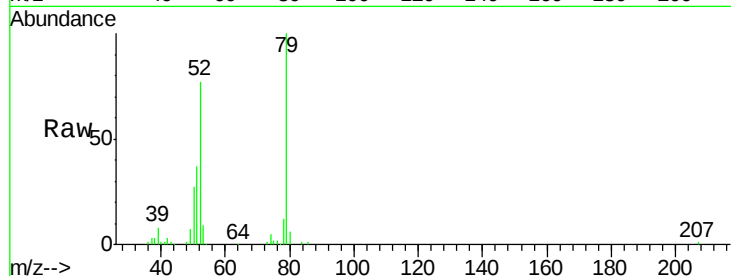
Tot Ion: 79 Resp: 238661

Ion Ratio Lower Upper

79 100

52 77.1 76.8 115.2

51 36.9 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 33.51 ng

RT: 3.14 min Scan# 88

Delta R.T. -0.06 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

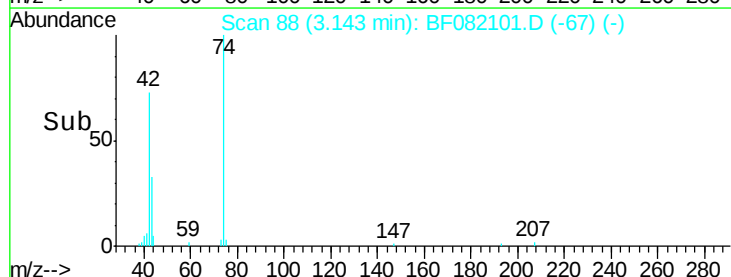
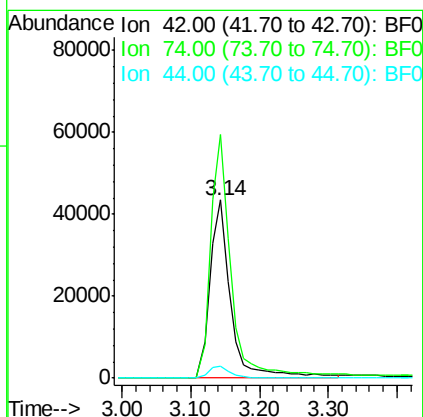
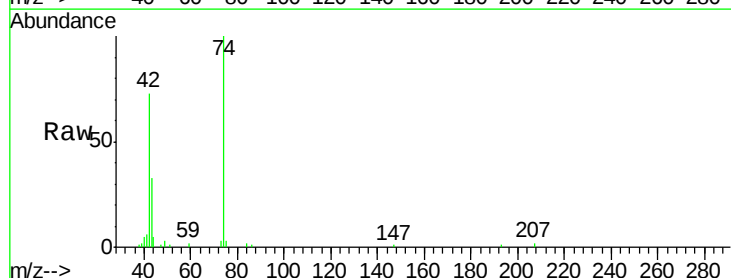
Tgt Ion: 42 Resp: 92680

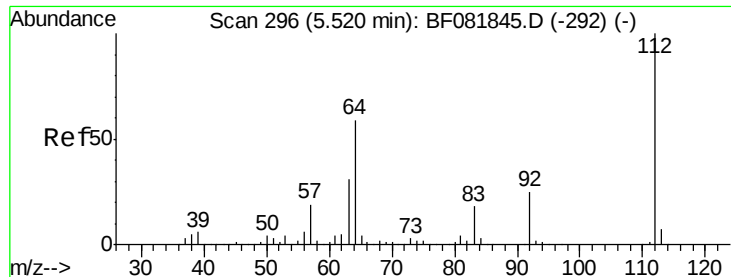
Ion Ratio Lower Upper

42 100

74 136.7 105.0 157.6

44 7.0 6.6 10.0





#5

2-Fluorophenol

Concen: 76.75 ng

RT: 5.46 min Scan# 291

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Instrument :

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SSTDCCC040

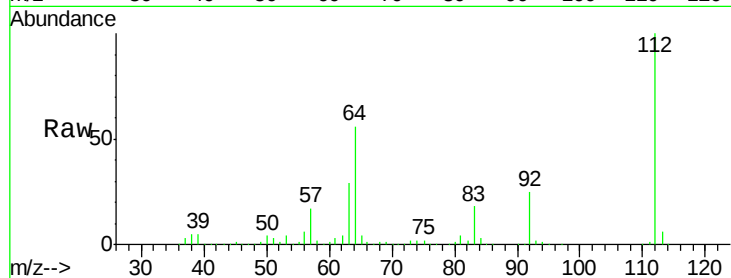
Tot Ion:112 Resp: 412788

Ion Ratio Lower Upper

112 100

64 55.7 39.7 59.5

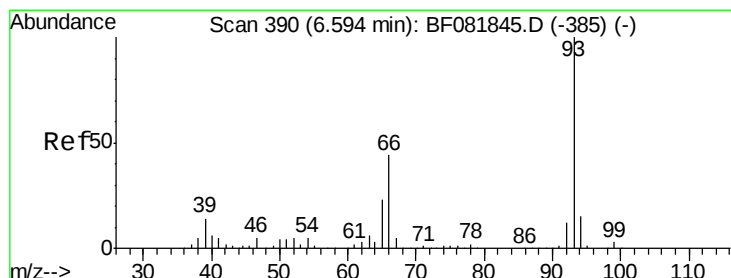
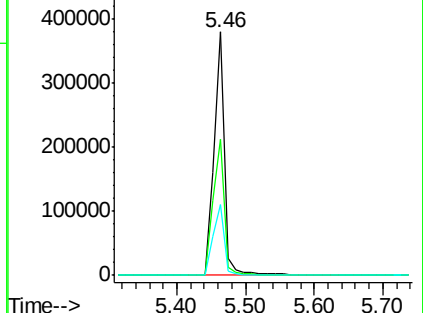
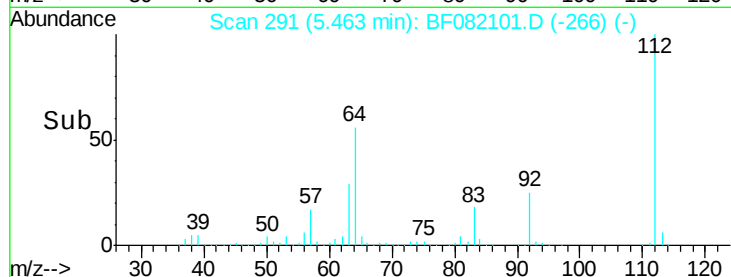
63 29.0 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.67 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

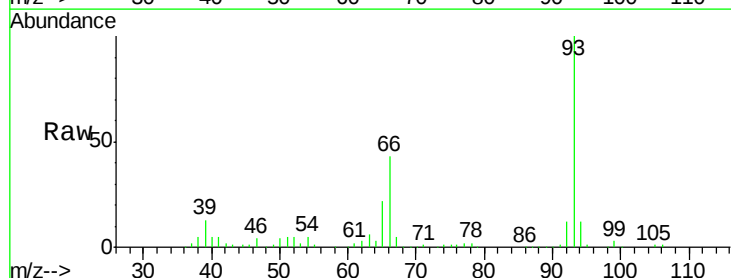
Tgt Ion: 93 Resp: 324301

Ion Ratio Lower Upper

93 100

66 43.0 27.2 40.8#

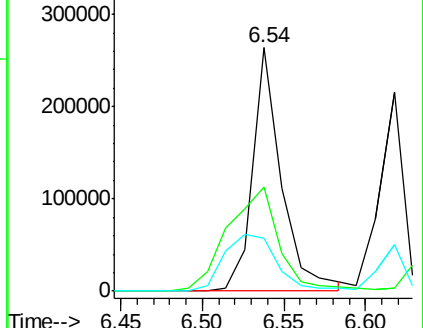
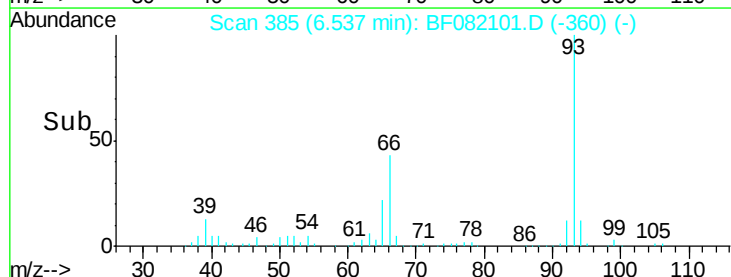
65 21.6 14.7 22.1

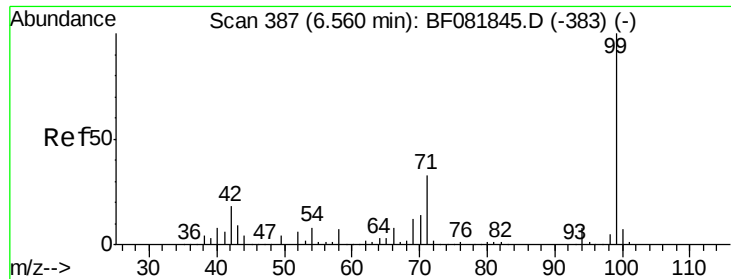


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.54 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

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ClientSampleId :

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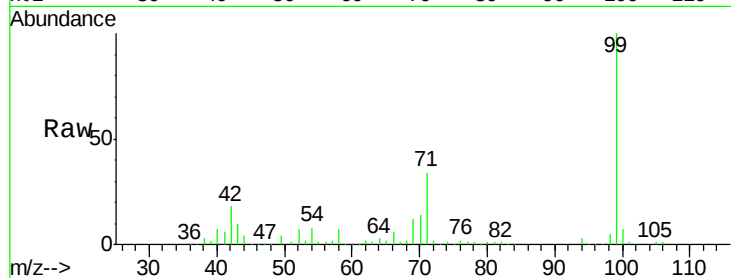
Tot Ion: 99 Resp: 511211

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

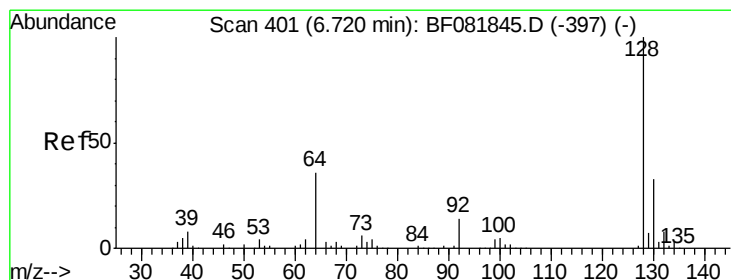
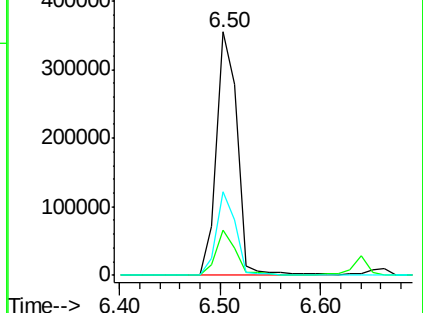
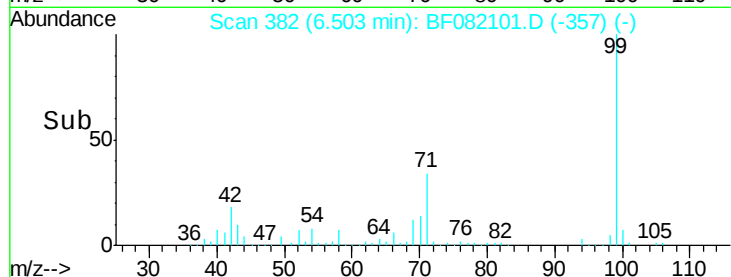
71 34.2 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.60 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.00 min

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Acq: 7 Oct 2015 11:57

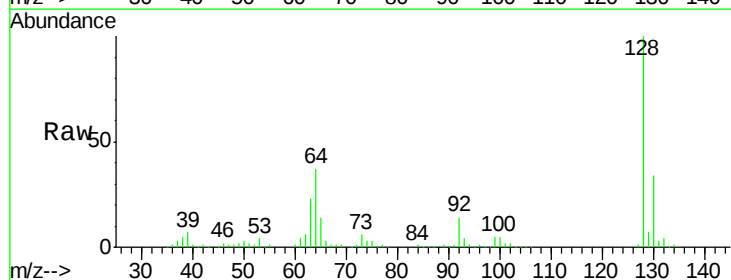
Tgt Ion: 128 Resp: 229234

Ion Ratio Lower Upper

128 100

130 33.8 12.2 52.2

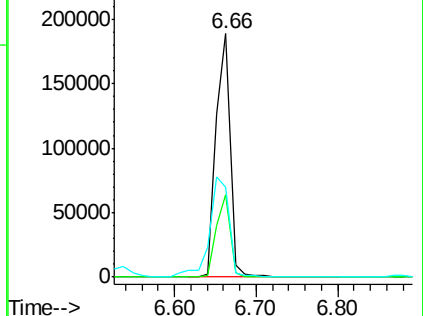
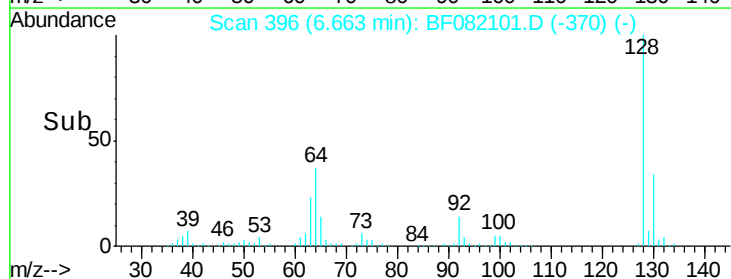
64 36.8 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

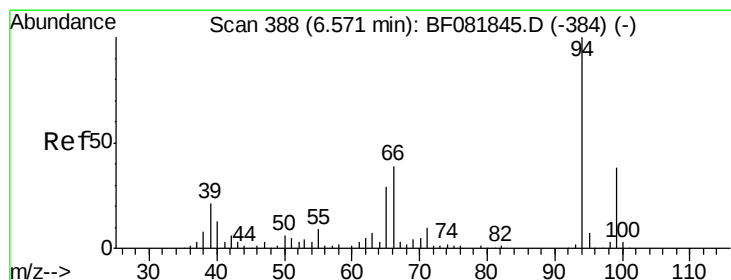
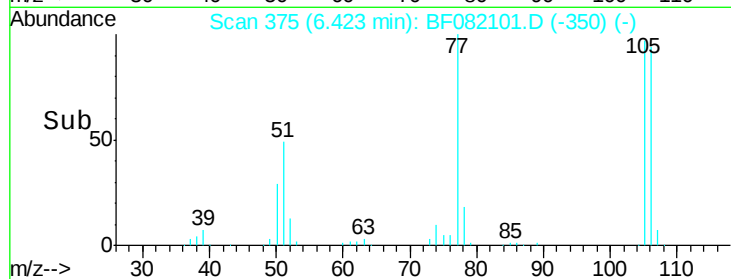
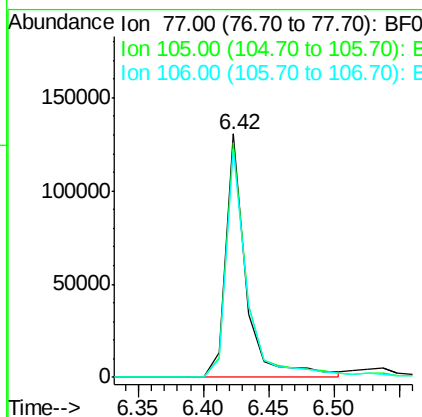
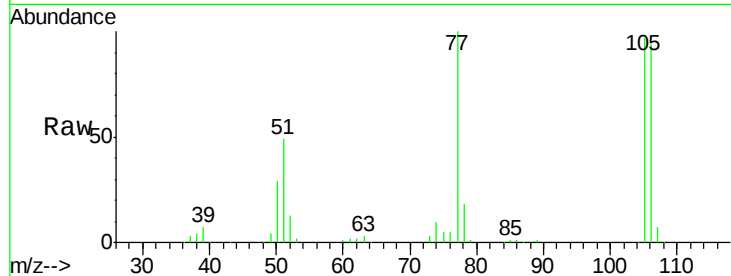




#9
Benzaldehyde
Concen: 32.24 ng
RT: 6.42 min Scan# 375
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

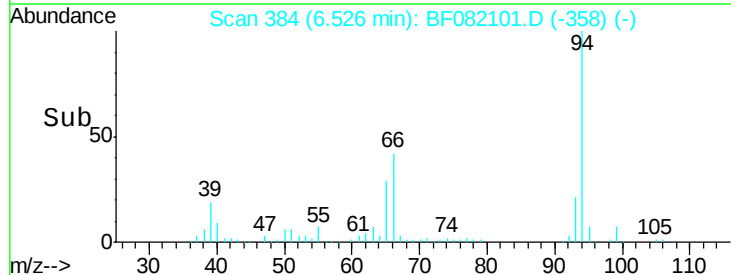
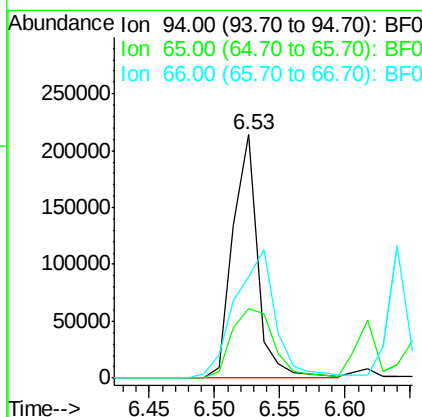
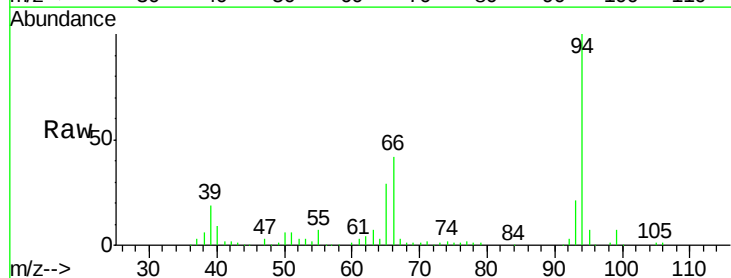
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 77 Resp: 142873
Ion Ratio Lower Upper
77 100
105 96.6 91.6 131.6
106 93.6 102.6 142.6#



#10
Phenol
Concen: 37.63 ng
RT: 6.53 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion: 94 Resp: 285638
Ion Ratio Lower Upper
94 100
65 28.6 0.7 40.7
66 41.7 0.8 40.8#

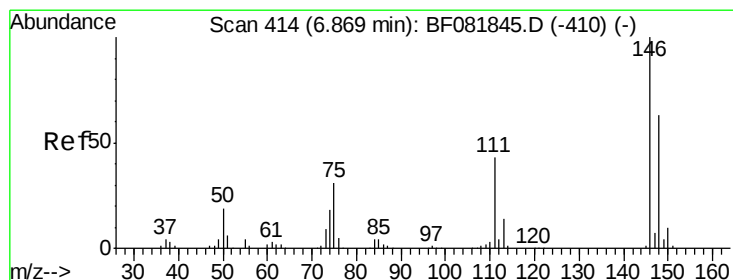
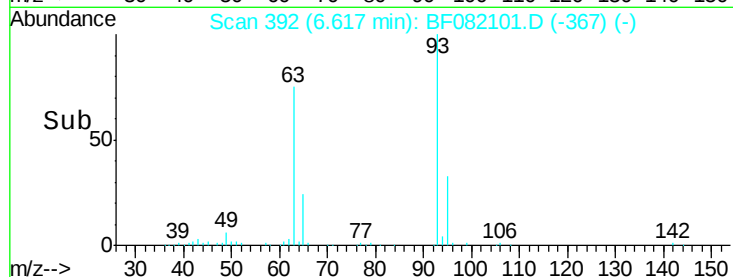
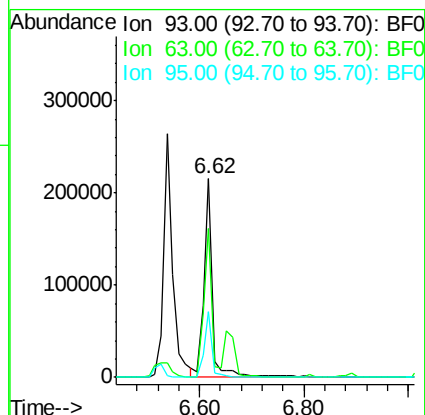
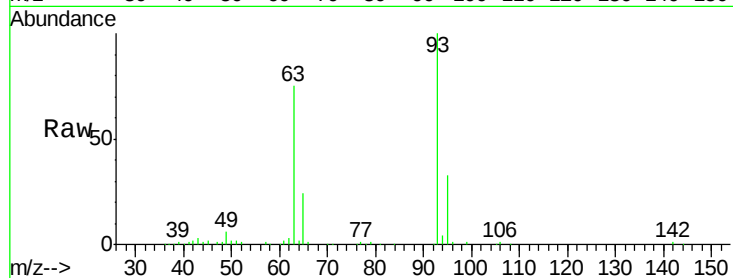




#11
bis(2-Chloroethyl)ether
Concen: 41.33 ng
RT: 6.62 min Scan# 392
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

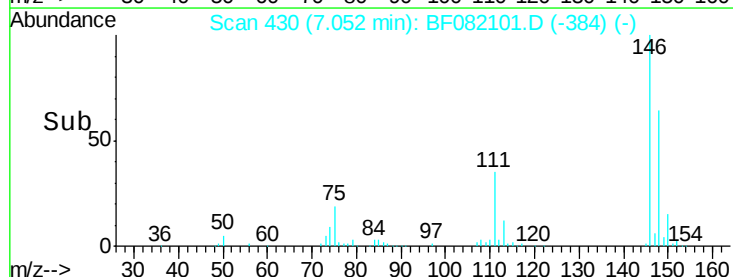
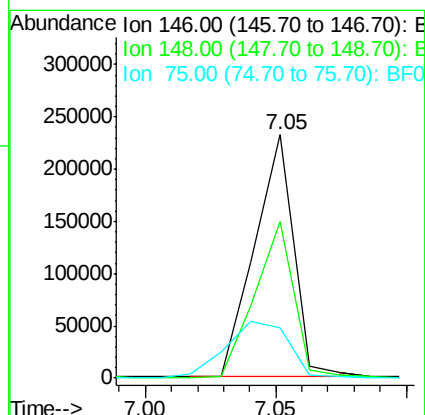
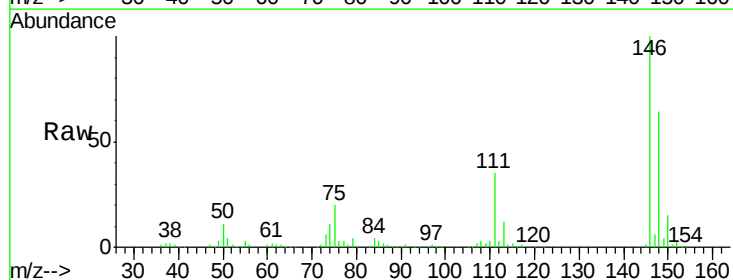
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

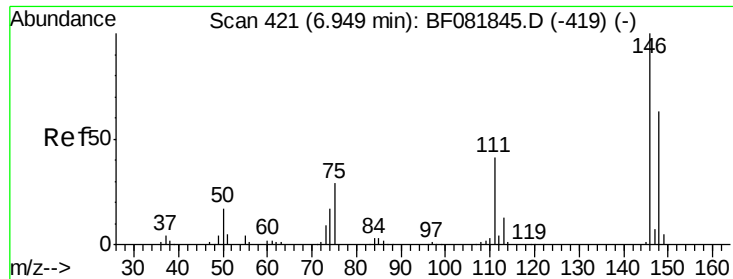
Tot Ion: 93 Resp: 243330
Ion Ratio Lower Upper
93 100
63 75.3 65.6 105.6
95 32.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 34.87 ng
RT: 7.05 min Scan# 430
Delta R.T. 0.23 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion: 146 Resp: 244590
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 20.5 15.0 22.6

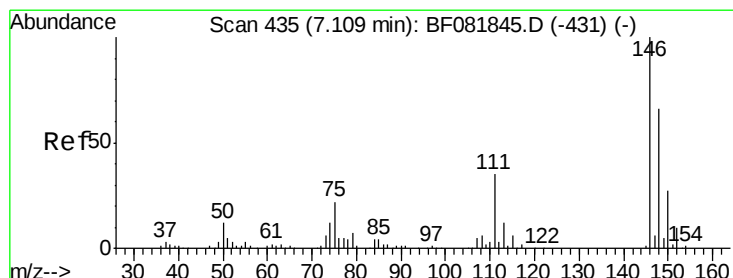
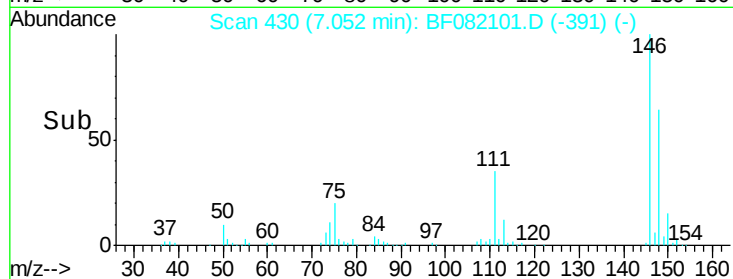
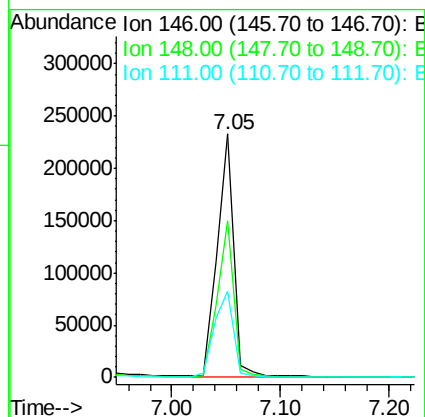
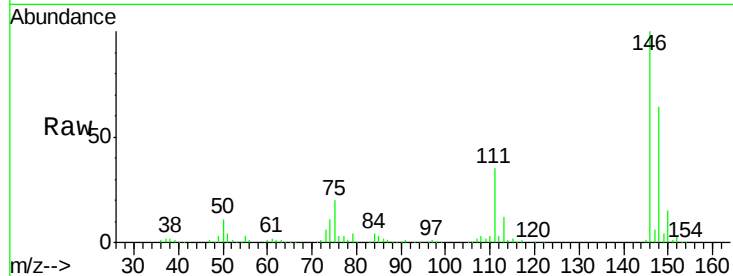




#13
 1,4-Dichlorobenzene
 Concen: 33.92 ng
 RT: 7.05 min Scan# 430
 Delta R.T. 0.15 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

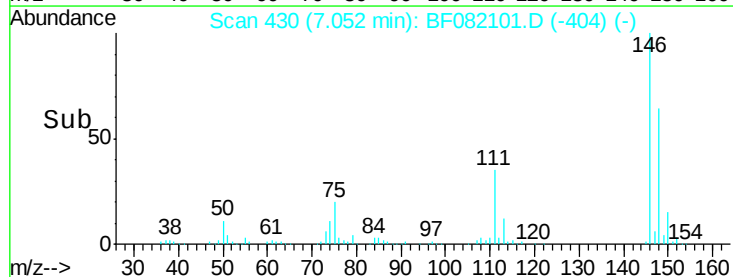
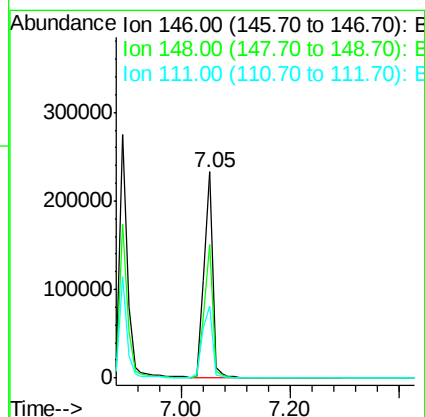
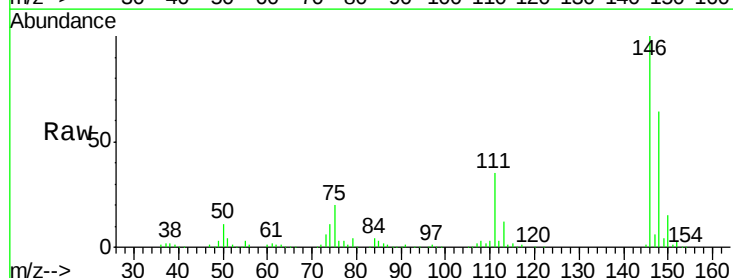
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

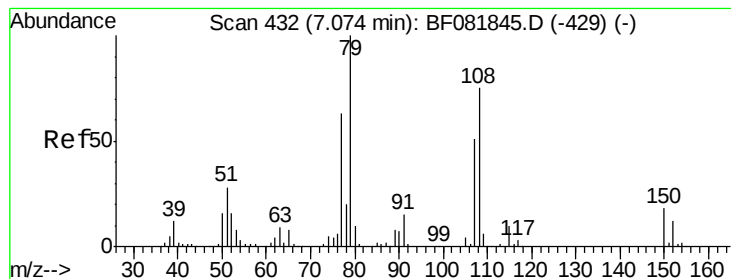
Tot Ion:146 Resp: 248489
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 111 35.2 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 39.33 ng
 RT: 7.05 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Tgt Ion:146 Resp: 256712
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.7 79.1
 111 35.2 28.8 43.2





#15

Benzyl Alcohol

Concen: 35.84 ng

RT: 7.02 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

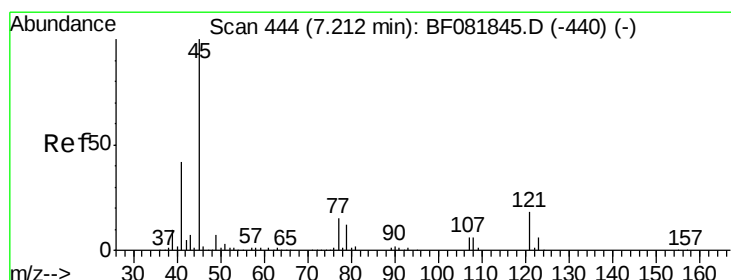
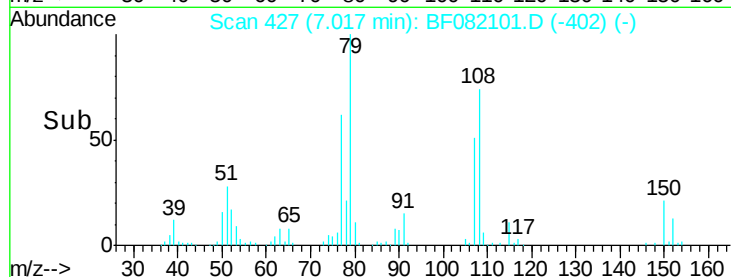
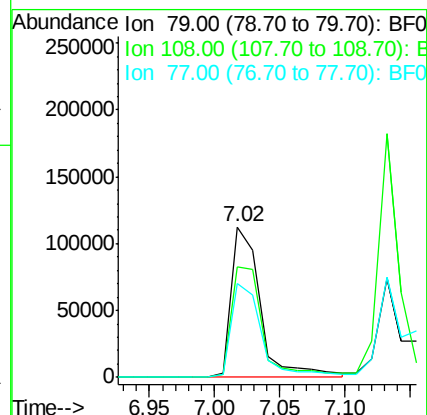
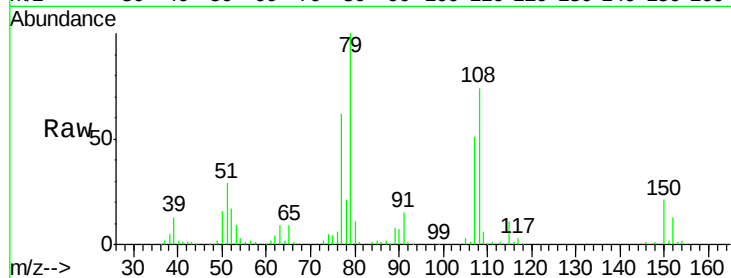
Tot Ion: 79 Resp: 175074

Ion Ratio Lower Upper

79 100

108 73.6 88.6 132.8#

77 62.4 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.31 ng

RT: 7.15 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

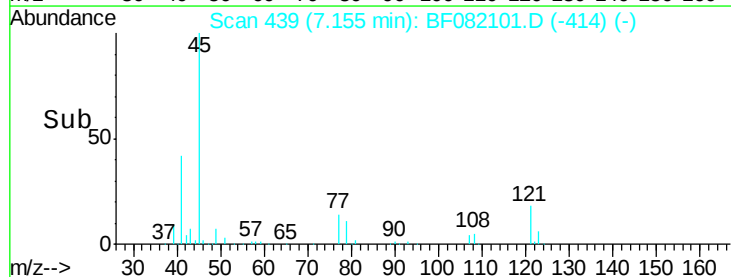
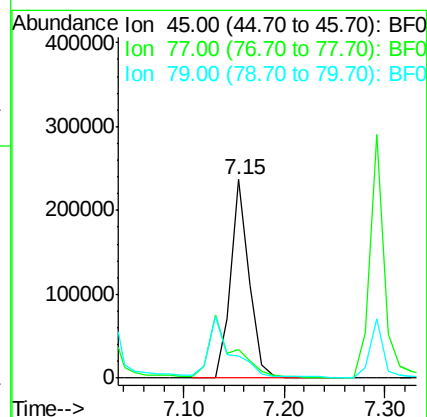
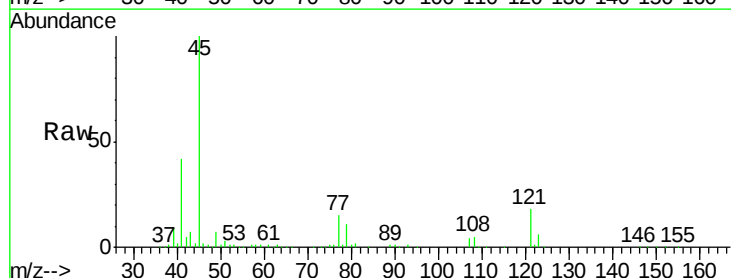
Tgt Ion: 45 Resp: 302198

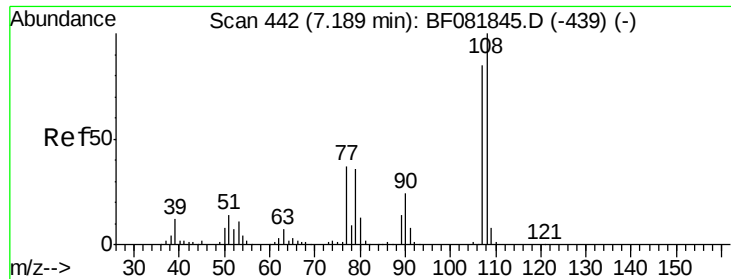
Ion Ratio Lower Upper

45 100

77 14.7 0.0 28.1

79 11.4 0.0 26.0

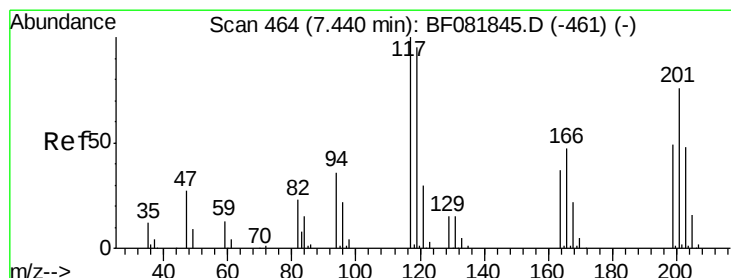
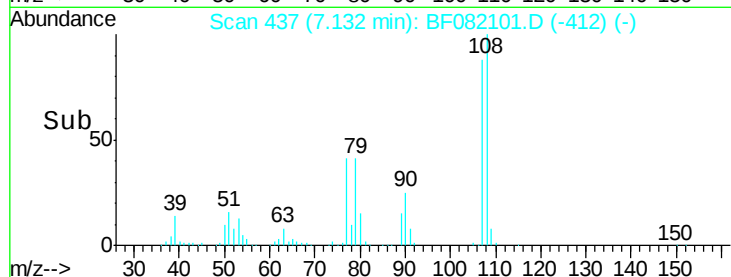
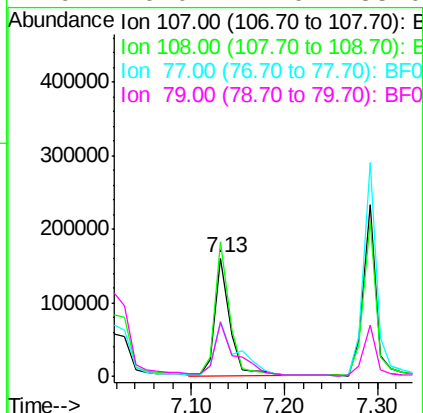
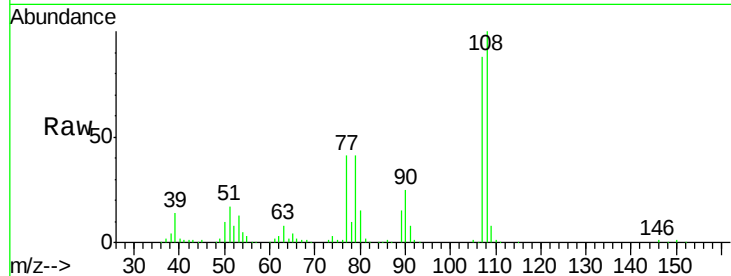




#17
2-Methylphenol
Concen: 37.80 ng
RT: 7.13 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

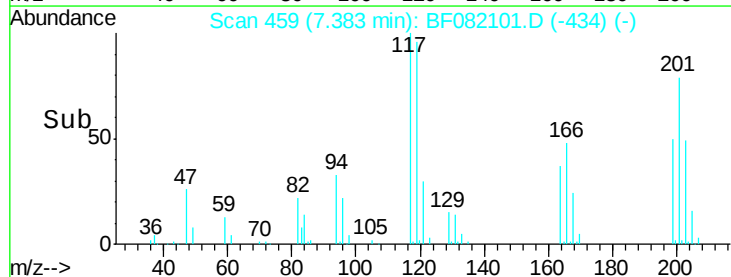
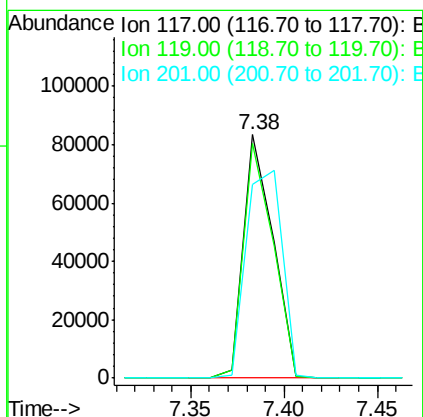
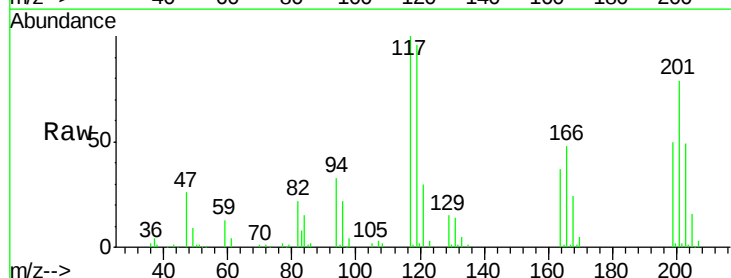
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

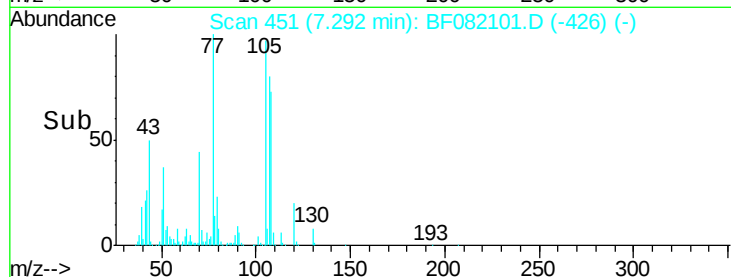
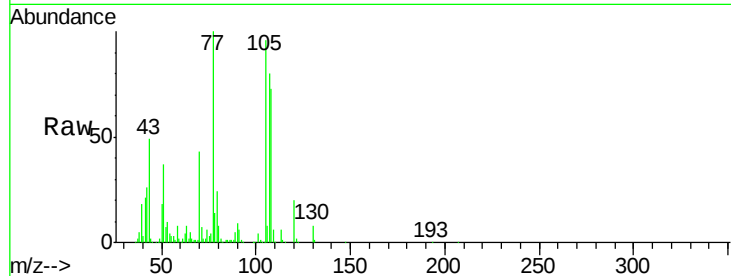
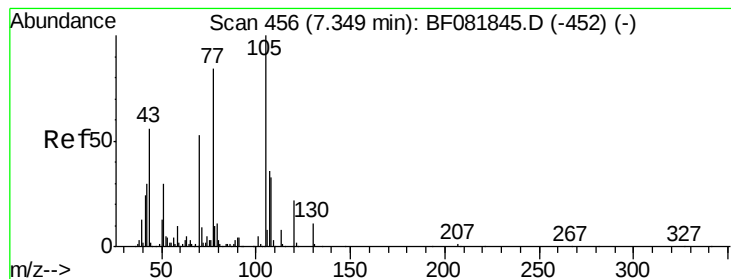
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	96.6	145.0
77	46.6	23.3	34.9#
79	46.0	22.0	33.0#



#18
Hexachloroethane
Concen: 39.85 ng
RT: 7.38 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	83.8	125.6
201	79.3	55.1	82.7





#19

n-Nitroso-di-n-propylamine

Concen: 38.00 ng

RT: 7.29 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 156303

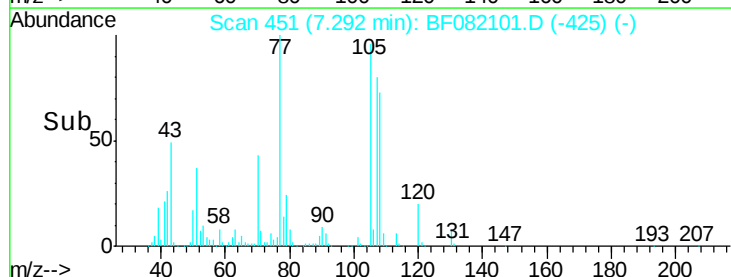
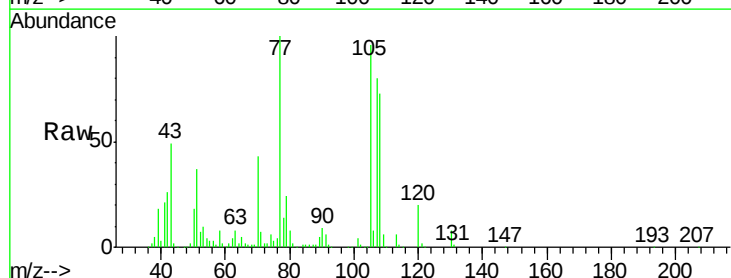
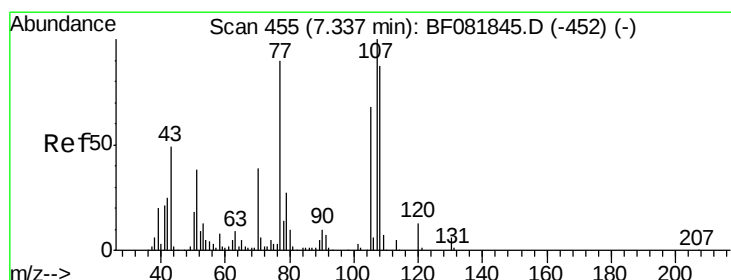
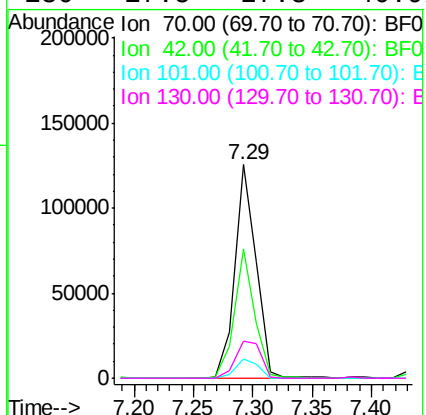
Ion Ratio Lower Upper

70 100

42 60.5 63.8 95.6#

101 9.2 9.2 13.8#

130 17.5 27.3 40.9#



#20

3+4-Methylphenols

Concen: 37.68 ng

RT: 7.29 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Tgt Ion:107 Resp: 229141

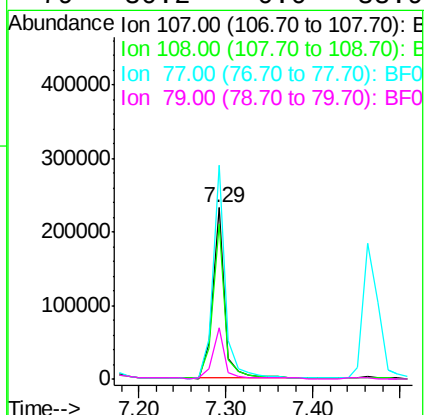
Ion Ratio Lower Upper

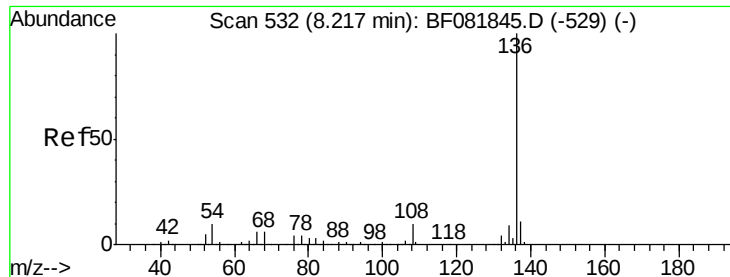
107 100

108 90.6 74.6 114.6

77 124.6 0.7 40.7#

79 30.2 0.0 38.9

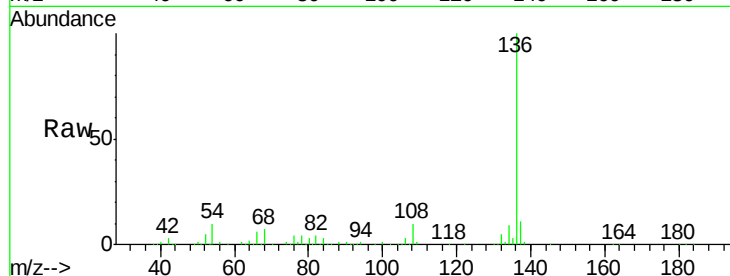




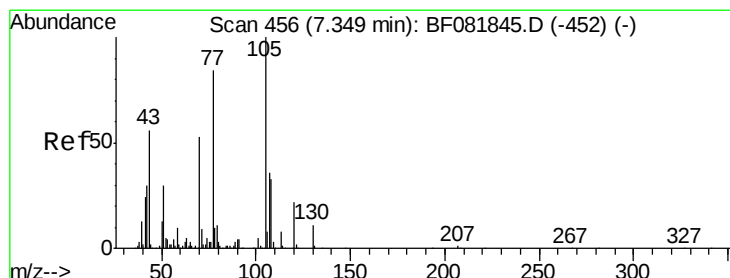
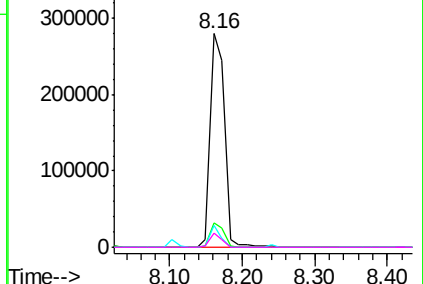
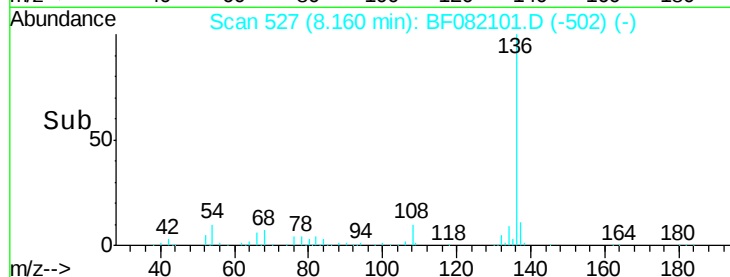
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	383933
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	10.4	8.2 12.2
68	6.6	5.8 8.6

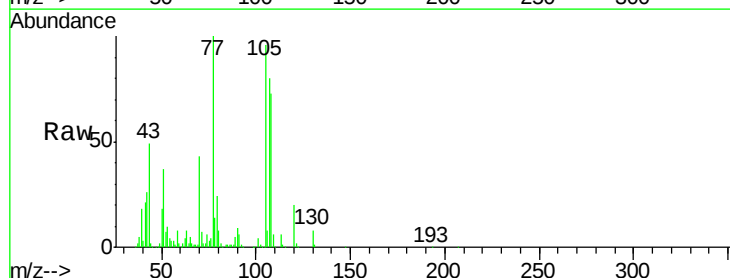


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

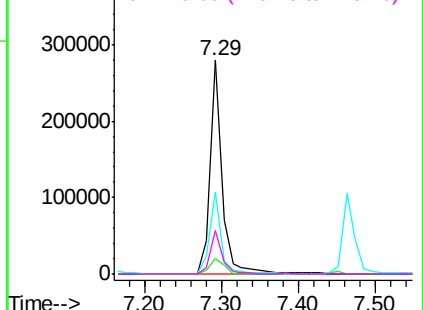
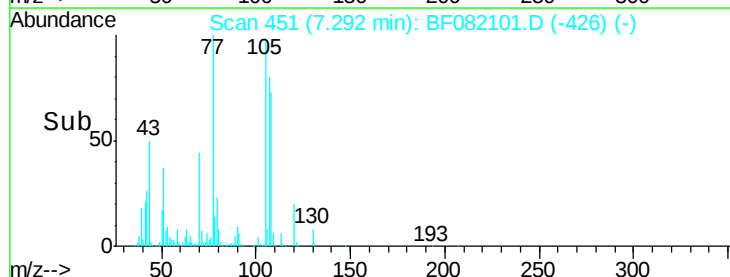


#22
Acetophenone
Concen: 38.27 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion:105	Resp:	300396
Ion Ratio	Lower	Upper
105	100	
71	7.1	4.7 7.1#
51	38.2	22.0 33.0#
120	20.4	30.1 45.1#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

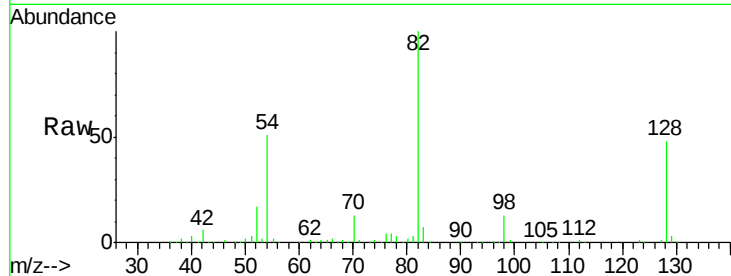




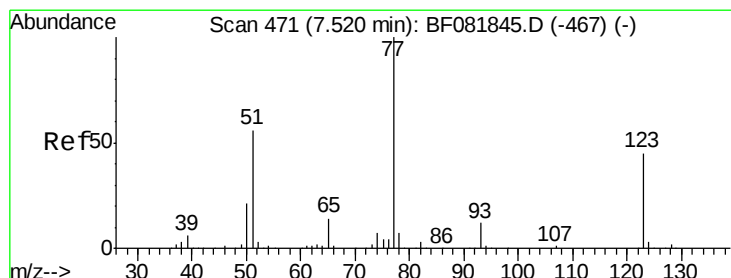
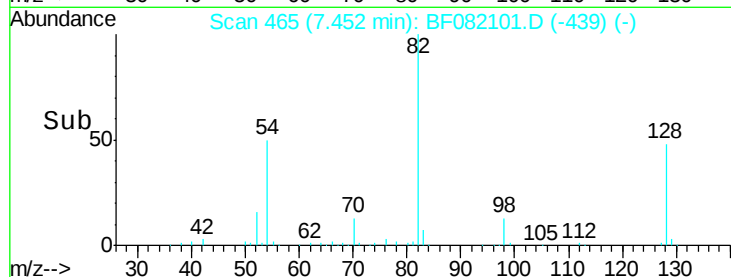
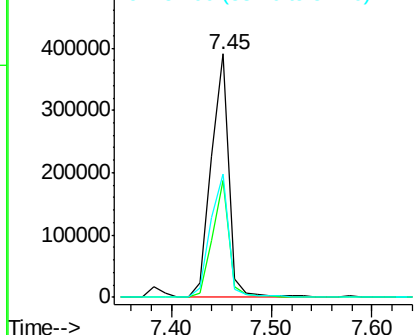
#23
Nitrobenzene-d5
Concen: 83.07 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 478438
Ion Ratio Lower Upper
82 100
128 47.9 51.0 76.6#
54 50.6 47.5 71.3

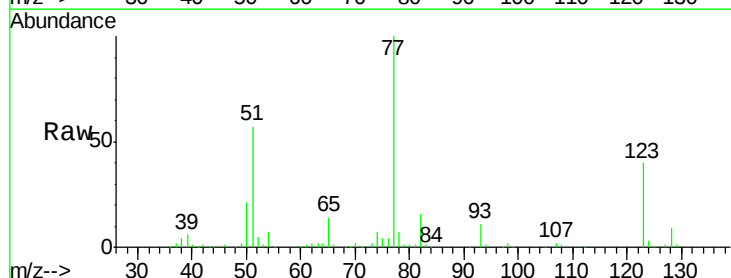


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

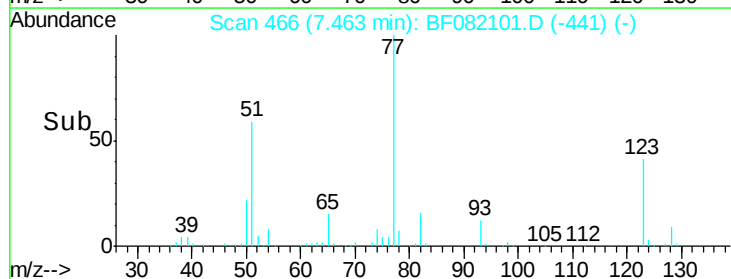
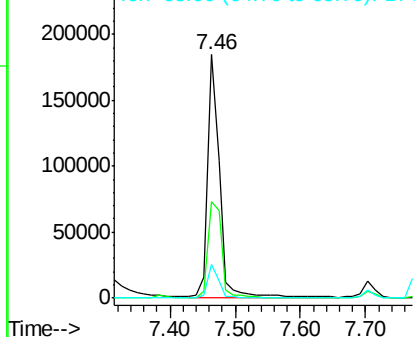


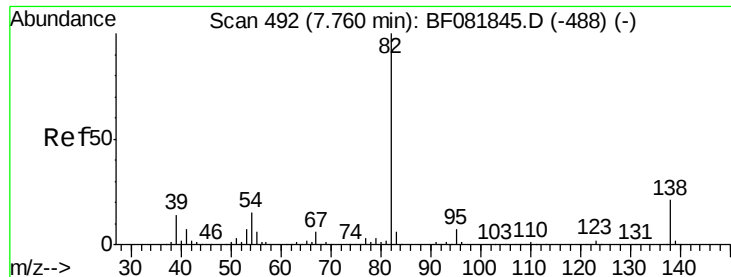
#24
Nitrobenzene
Concen: 36.77 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion: 77 Resp: 229980
Ion Ratio Lower Upper
77 100
123 39.8 59.8 89.8#
65 14.1 10.2 15.4



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: 38.59 ng

RT: 7.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

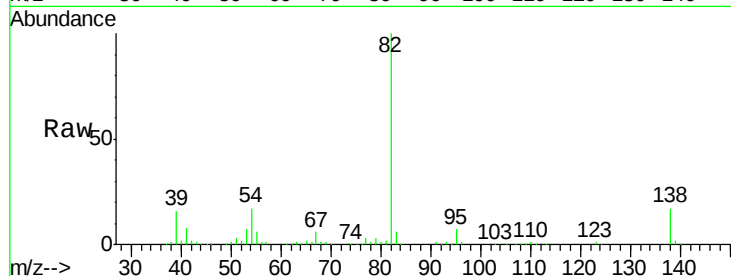
Tot Ion: 82 Resp: 440511

Ion Ratio Lower Upper

82 100

95 6.8 4.0 6.0#

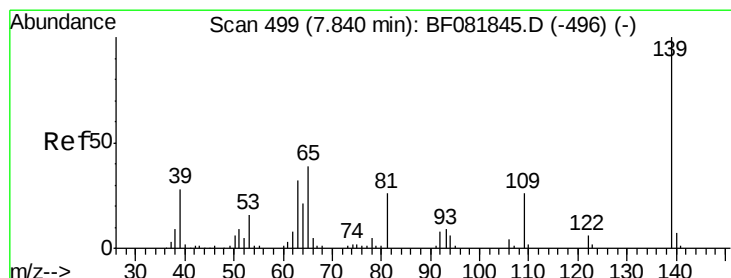
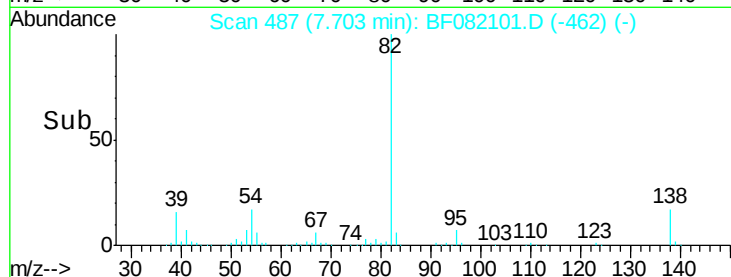
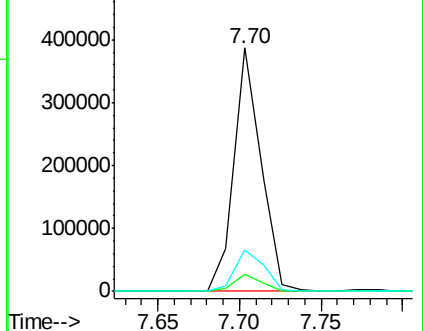
138 17.2 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.05 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

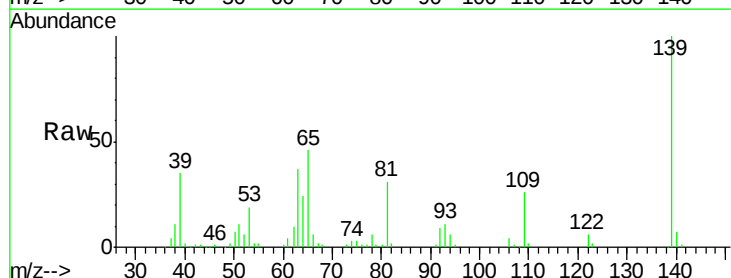
Tgt Ion: 139 Resp: 135249

Ion Ratio Lower Upper

139 100

109 26.2 11.0 16.4#

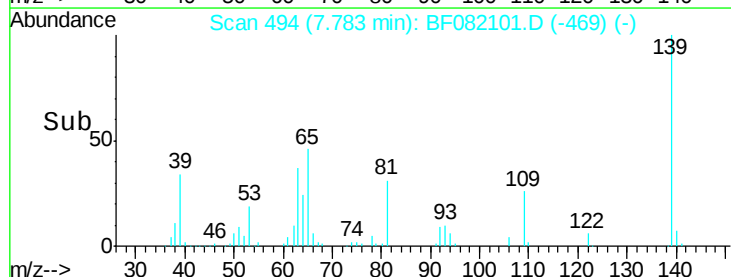
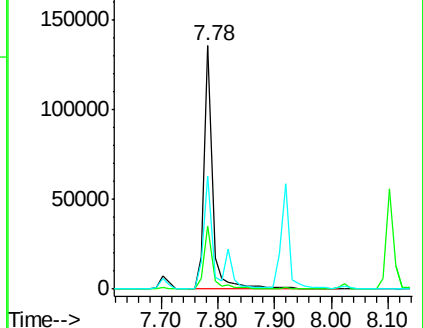
65 46.3 24.7 37.1#

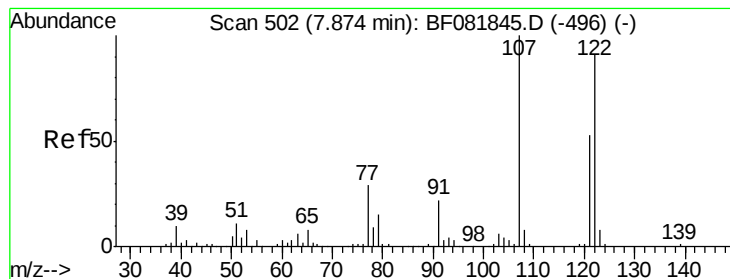


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.73 ng

RT: 7.82 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

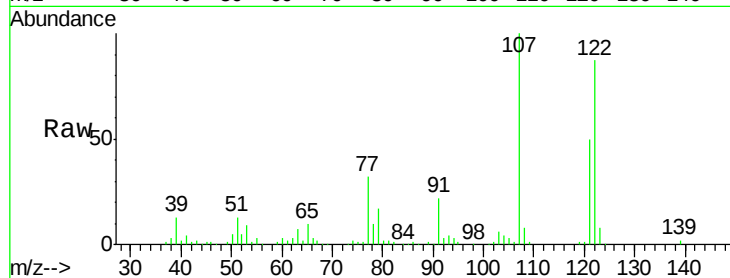
Tot Ion:122 Resp: 199236

Ion Ratio Lower Upper

122 100

107 114.3 71.8 107.6#

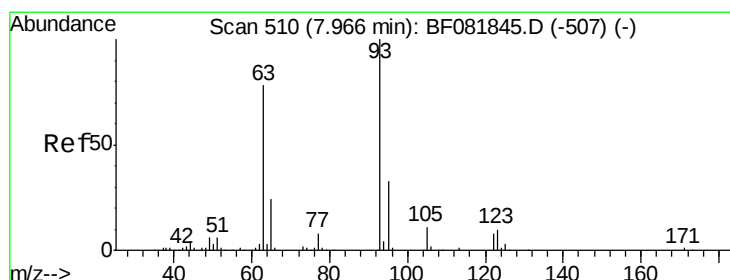
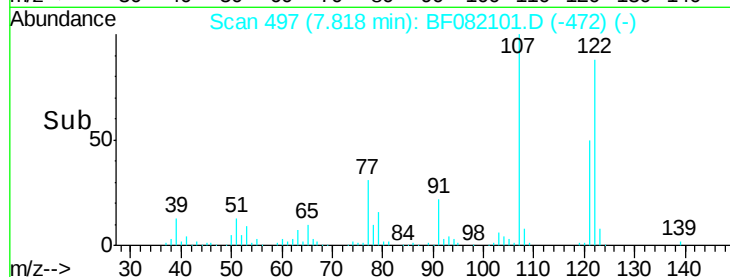
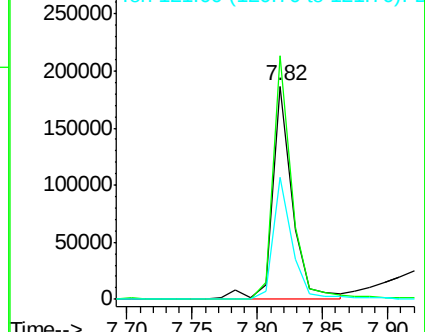
121 57.4 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.42 ng

RT: 7.92 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

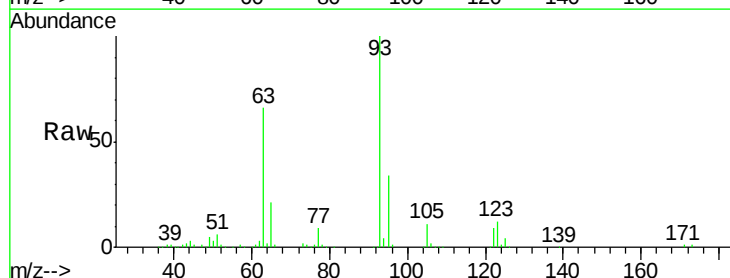
Tgt Ion: 93 Resp: 280808

Ion Ratio Lower Upper

93 100

95 33.5 27.5 41.3

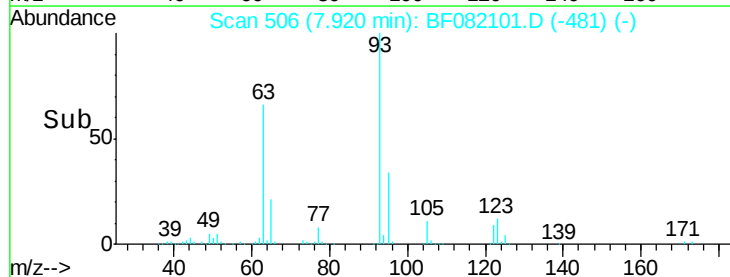
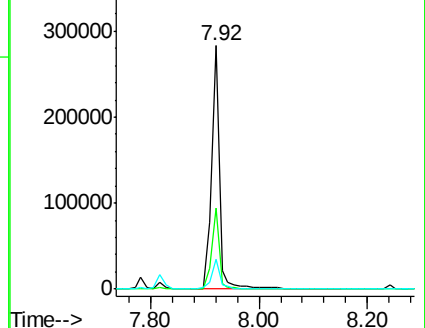
123 12.2 13.7 20.5#

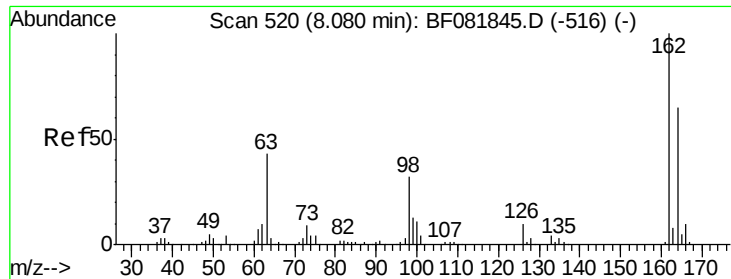


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

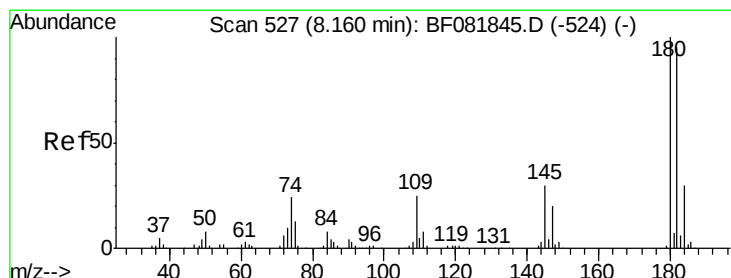
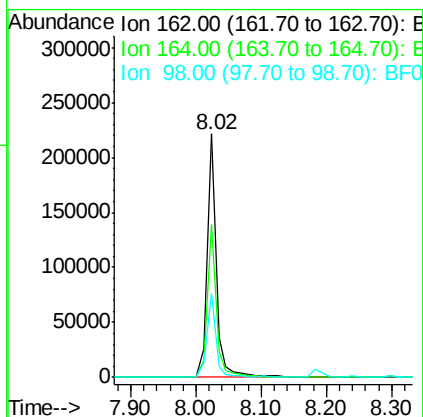
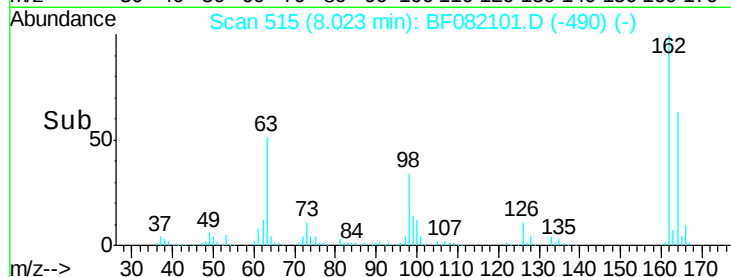
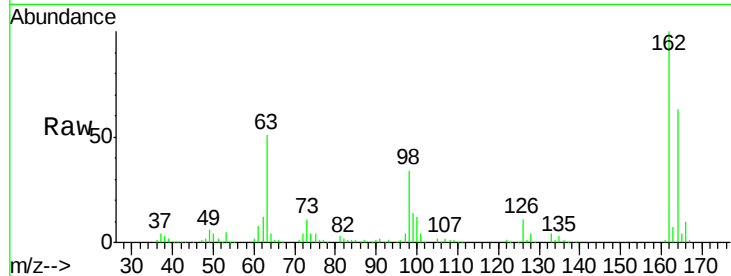




#29
 2,4-Dichlorophenol
 Concen: 42.05 ng
 RT: 8.02 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

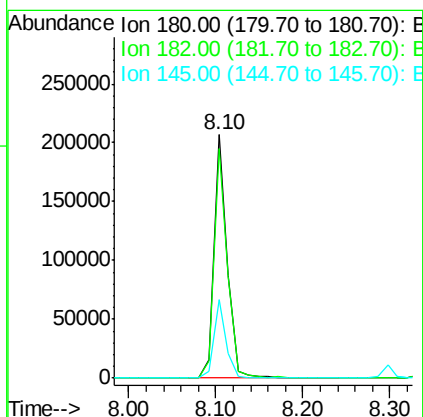
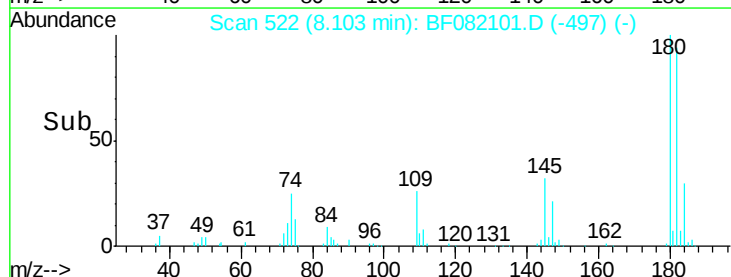
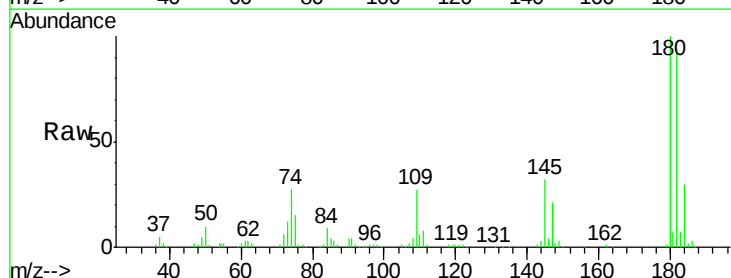
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

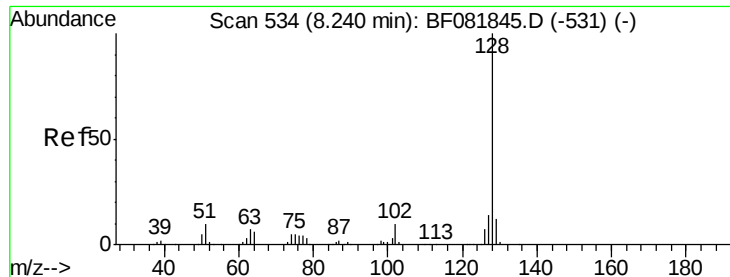
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.9	84.9
98	34.4	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.82 ng
 RT: 8.10 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.1	115.7
145	32.4	23.3	34.9

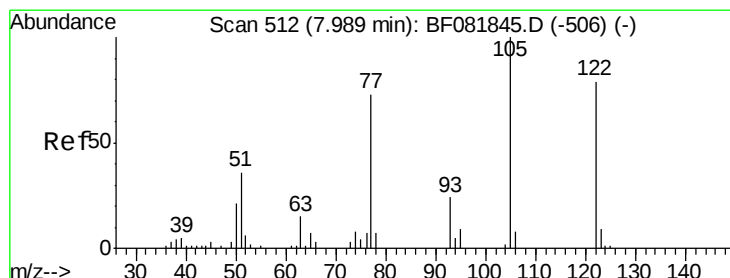
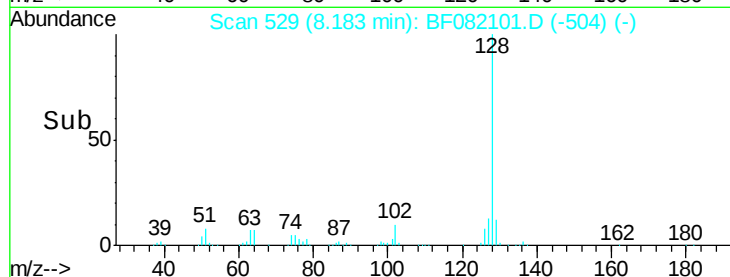
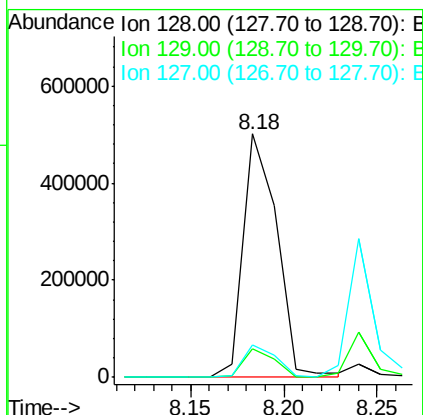
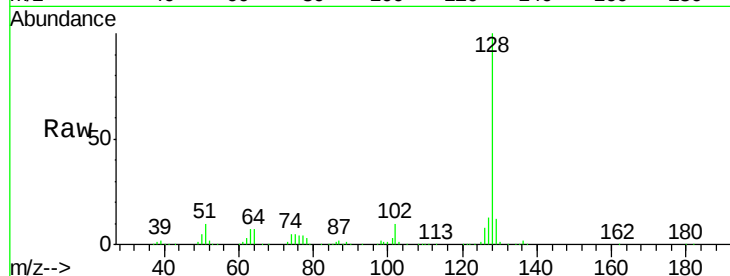




#31
Naphthalene
Concen: 36.99 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

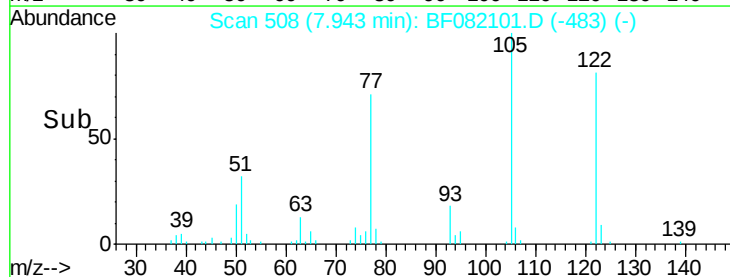
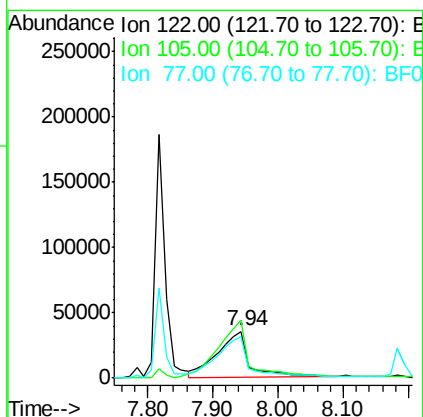
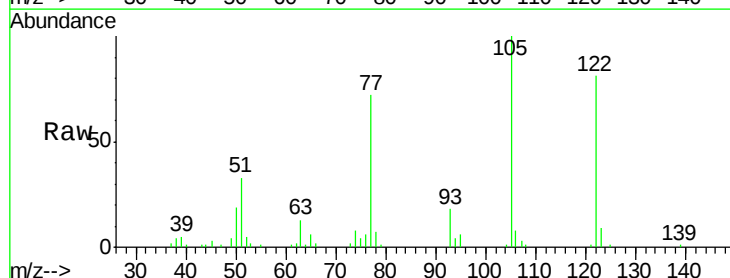
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

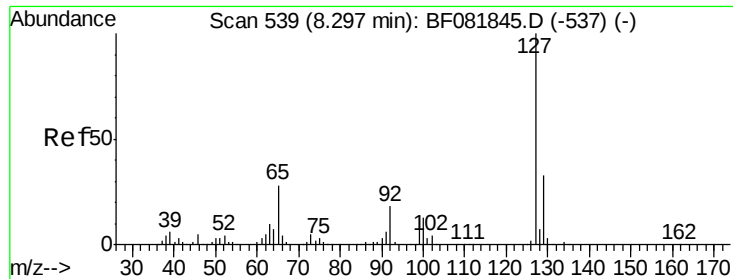
Tot Ion:128 Resp: 629206
Ion Ratio Lower Upper
128 100
129 11.7 8.4 12.6
127 13.2 9.9 14.9



#32
Benzoic acid
Concen: 38.94 ng
RT: 7.94 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion:122 Resp: 117862
Ion Ratio Lower Upper
122 100
105 123.1 76.1 116.1#
77 89.0 40.5 80.5#

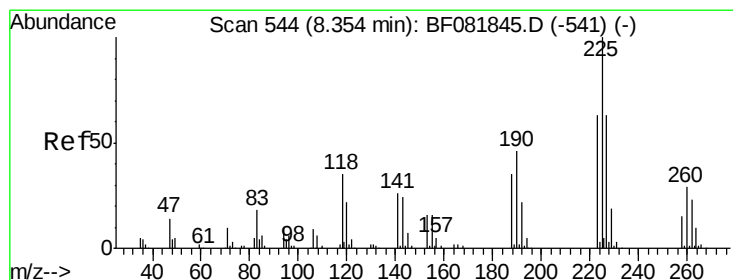
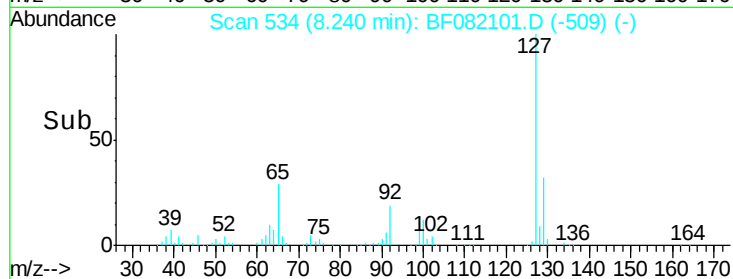
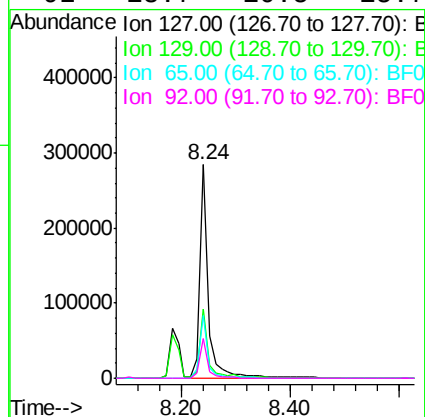
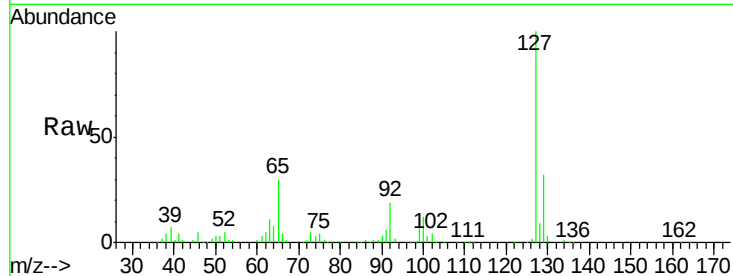




#33
4-Chloroaniline
Concen: 40.36 ng
RT: 8.24 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

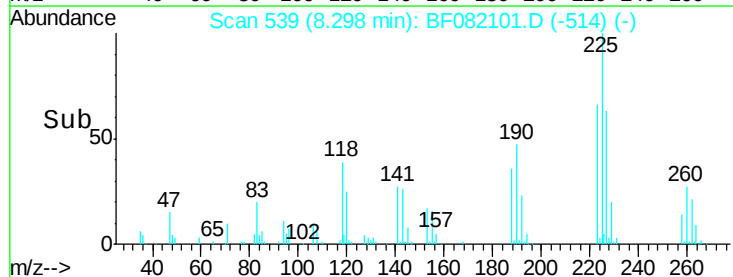
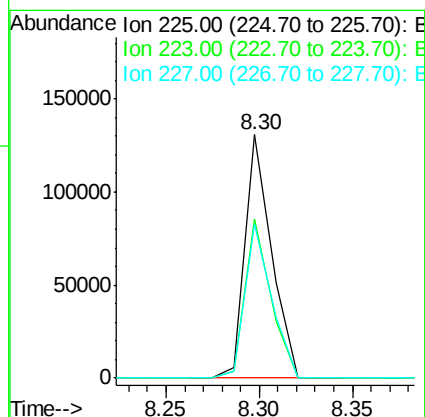
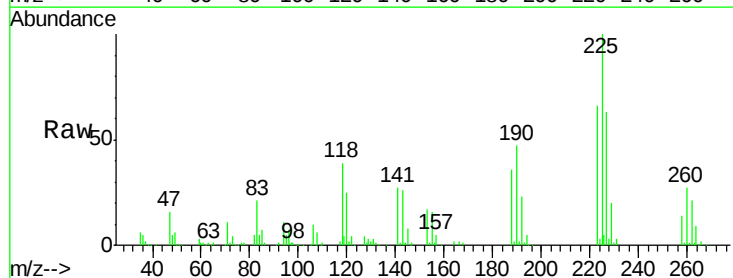
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

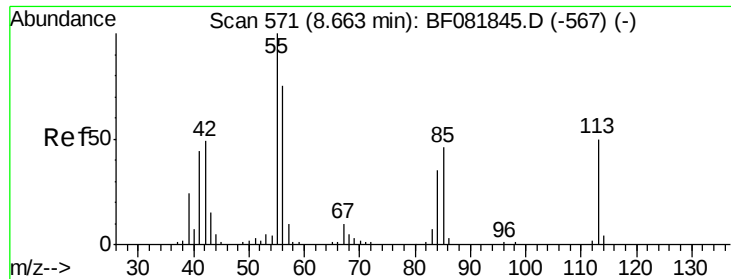
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	29.6	17.9	26.9
92	18.7	10.5	15.7



#34
Hexachlorobutadiene
Concen: 38.13 ng
RT: 8.30 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	50.2	75.2
227	63.2	52.2	78.2

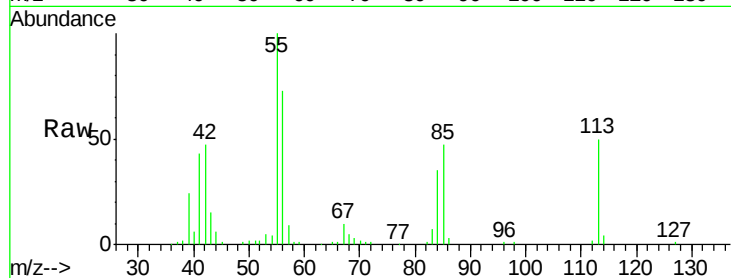




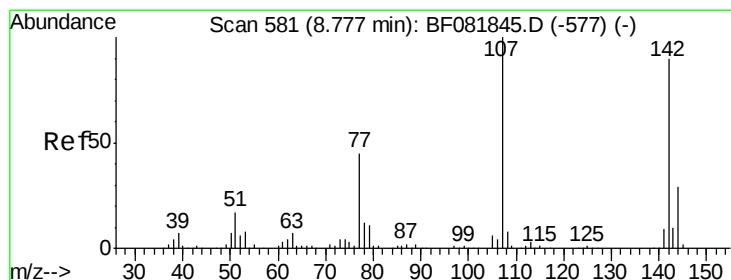
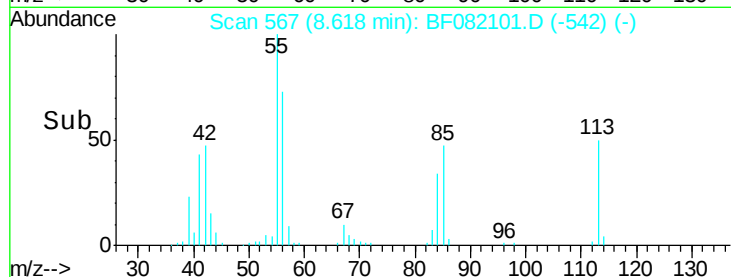
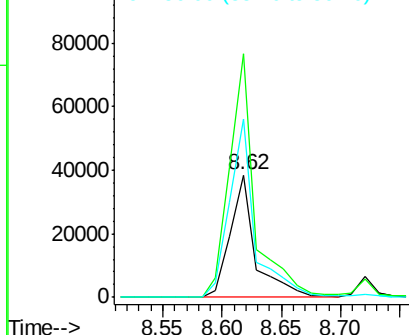
#35
Caprolactam
Concen: 40.13 ng
RT: 8.62 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 56885
Ion Ratio Lower Upper
113 100
55 199.4 152.4 192.4#
56 145.9 104.6 144.6#

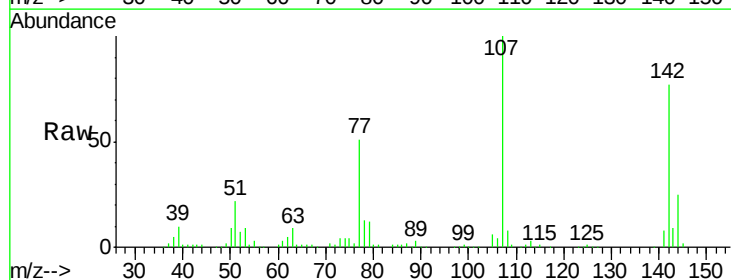


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

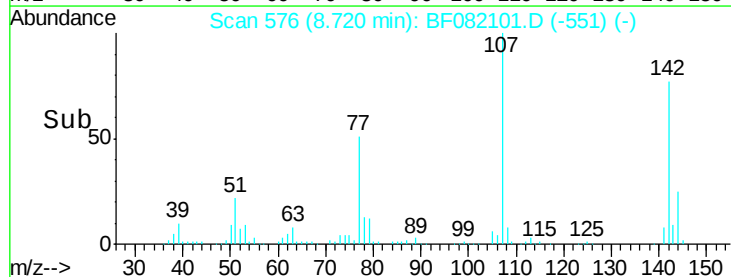
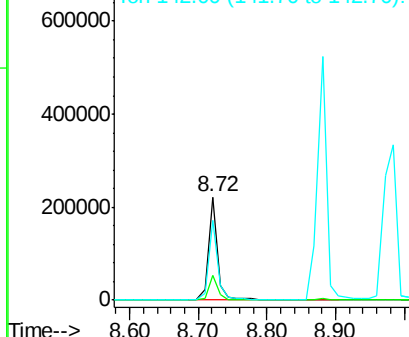


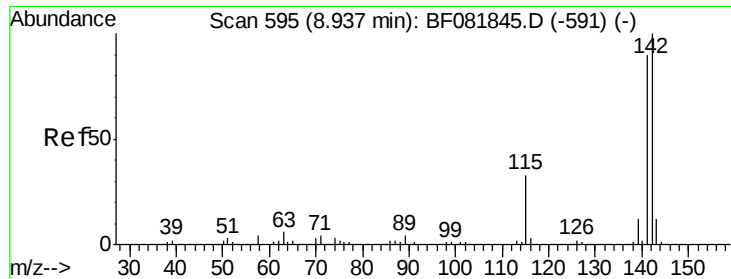
#36
4-Chloro-3-methylphenol
Concen: 41.92 ng
RT: 8.72 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion:107 Resp: 209929
Ion Ratio Lower Upper
107 100
144 24.6 25.4 38.0#
142 77.4 77.3 115.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

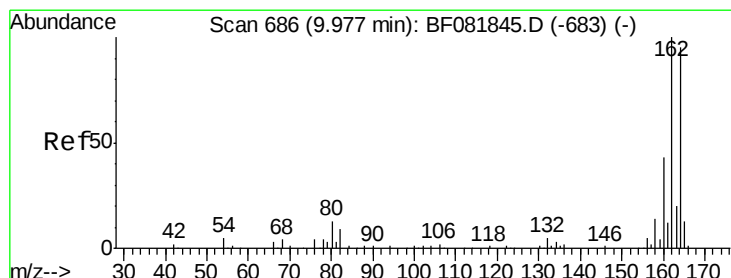
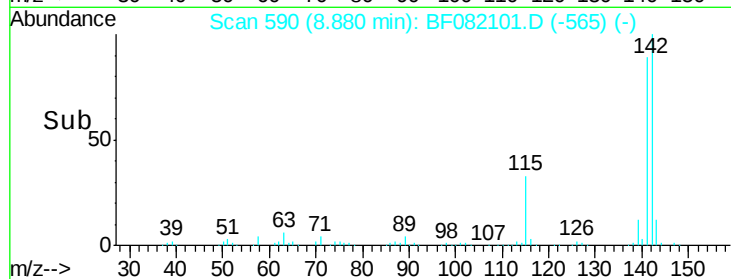
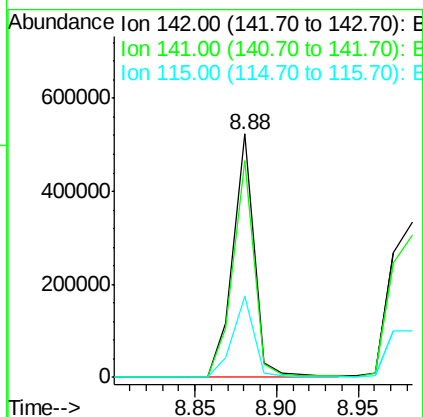
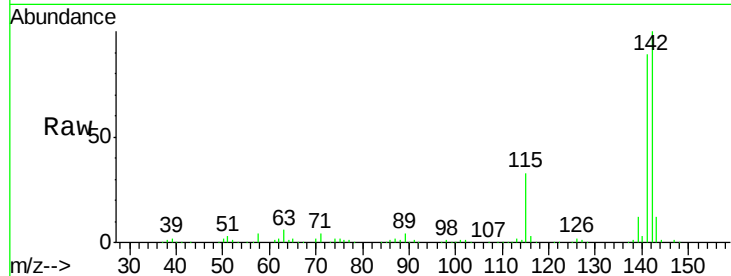




#37
 2-Methylnaphthalene
 Concen: 40.76 ng
 RT: 8.88 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

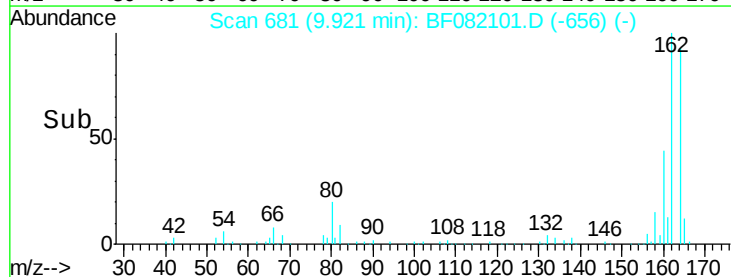
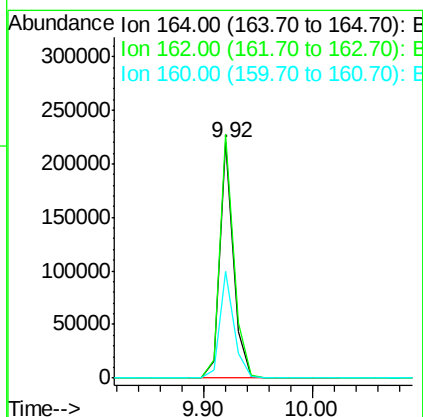
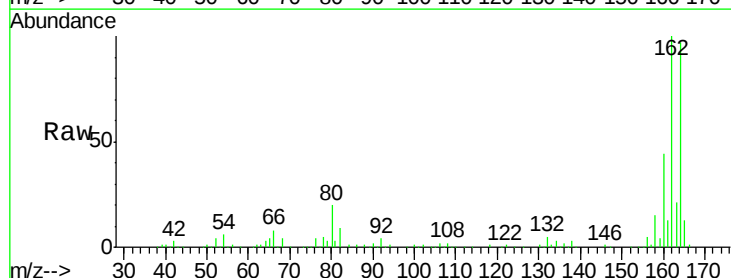
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:142 Resp: 473273
 Ion Ratio Lower Upper
 142 100
 141 89.0 67.5 101.3
 115 33.2 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Tgt Ion:164 Resp: 194594
 Ion Ratio Lower Upper
 164 100
 162 103.3 75.2 112.8
 160 45.0 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.21 ng

RT: 9.04 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 216335

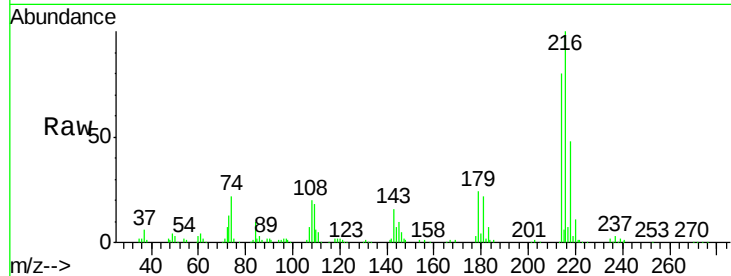
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.5	95.3
179	21.3	16.6	24.8
108	17.6	16.3	24.5

216 100

214 78.6 63.5 95.3

179 21.3 16.6 24.8

108 17.6 16.3 24.5

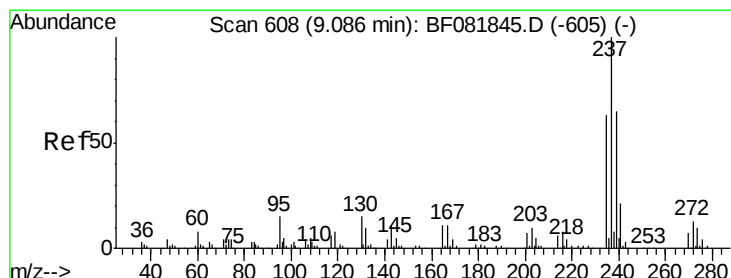
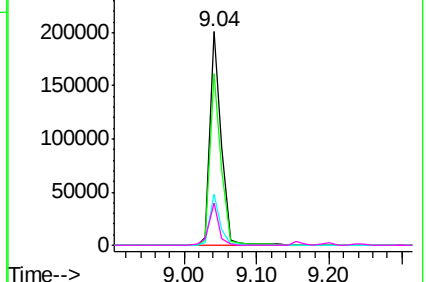
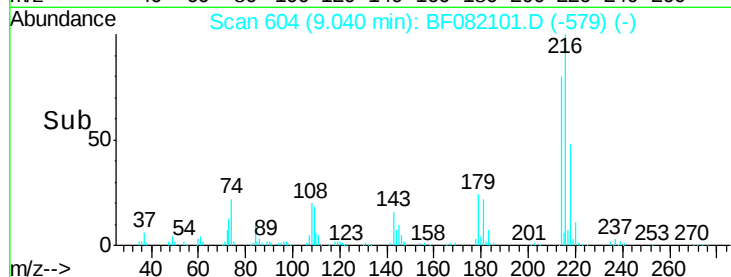


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.83 ng

RT: 9.03 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

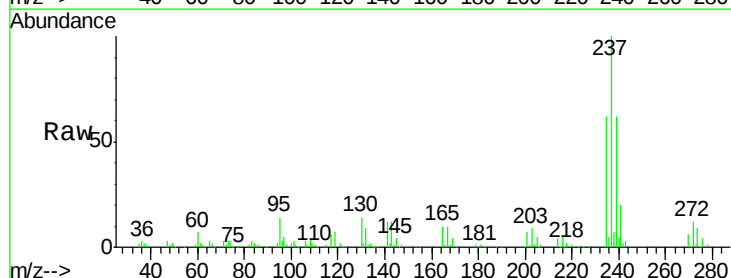
Tgt Ion:237 Resp: 110215

Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.0	82.0
272	11.8	0.0	36.1

237 100

235 61.8 42.0 82.0

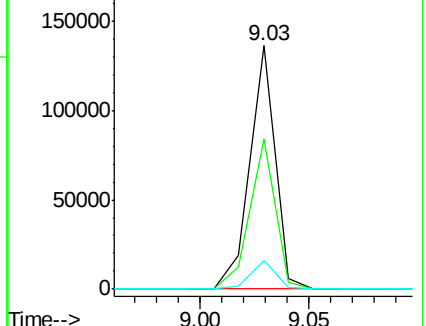
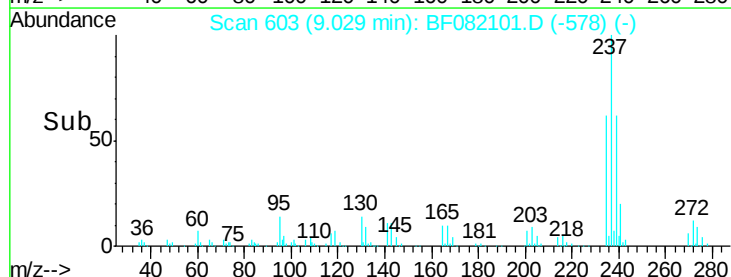
272 11.8 0.0 36.1

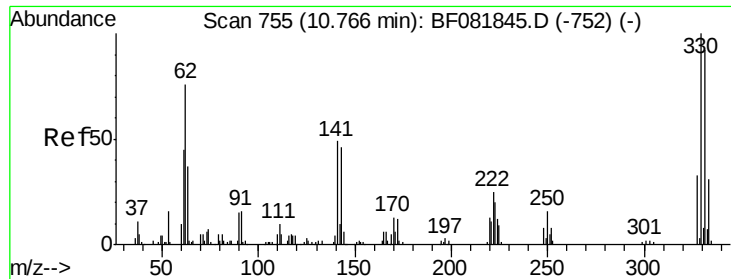


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

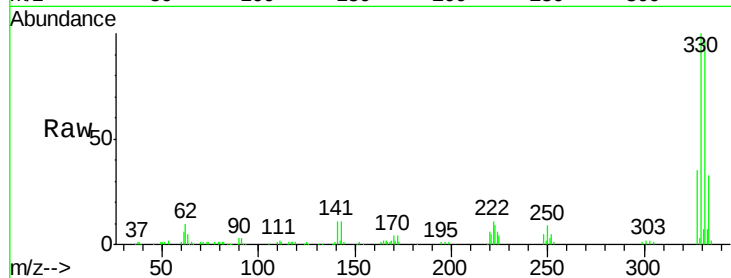




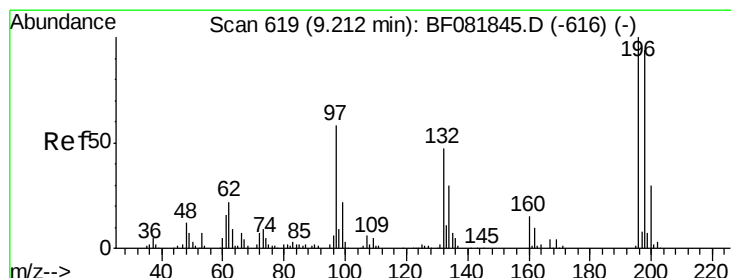
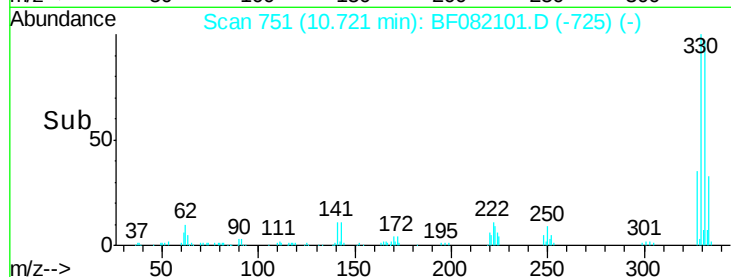
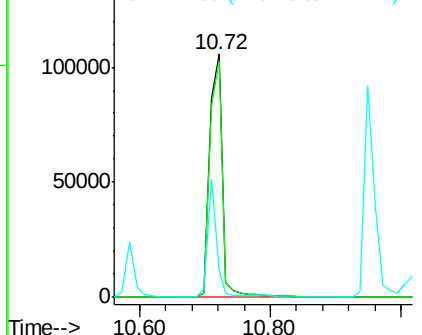
#41
 2,4,6-Tribromophenol
 Concen: 74.14 ng
 RT: 10.72 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 146105
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 33.4 29.7 44.5

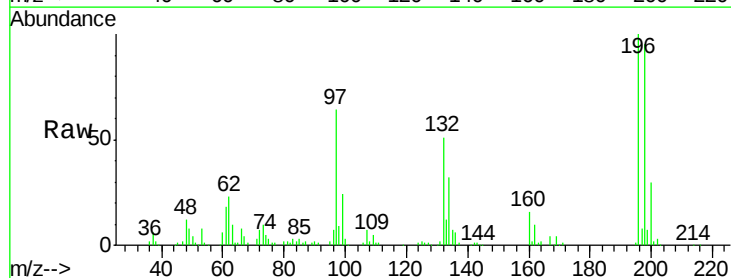


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

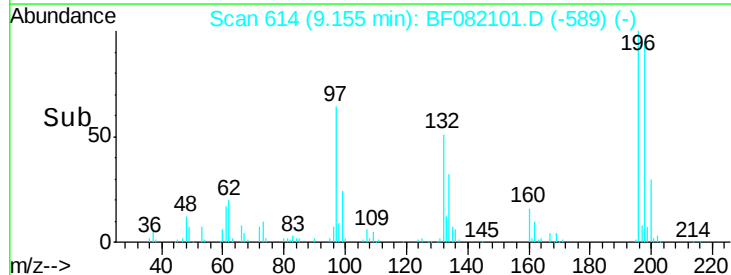
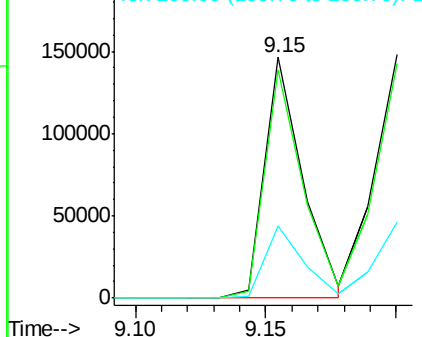


#42
 2,4,6-Trichlorophenol
 Concen: 36.34 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Tgt Ion:196 Resp: 148834
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 200 30.0 23.9 35.9



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

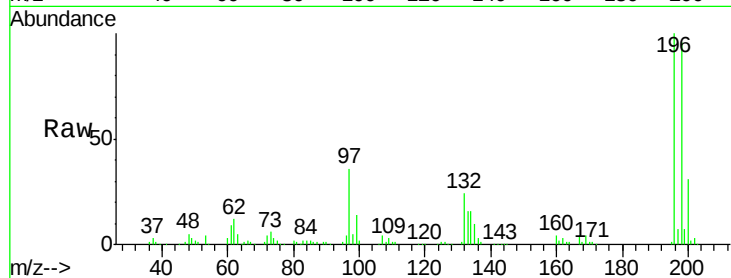




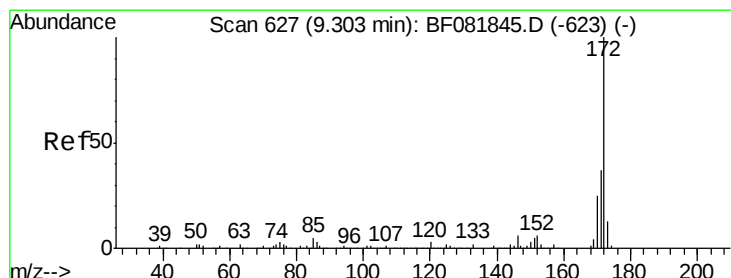
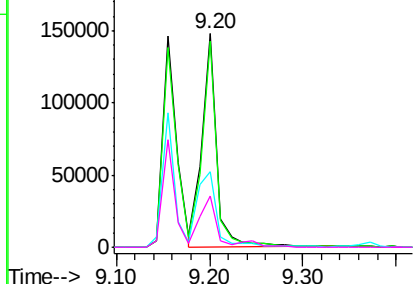
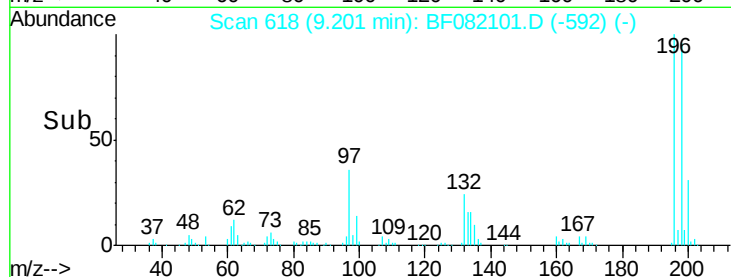
#43
 2,4,5-Trichlorophenol
 Concen: 39.31 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 165568
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.4 113.0
 97 35.6 33.3 49.9
 132 23.8 24.6 37.0#

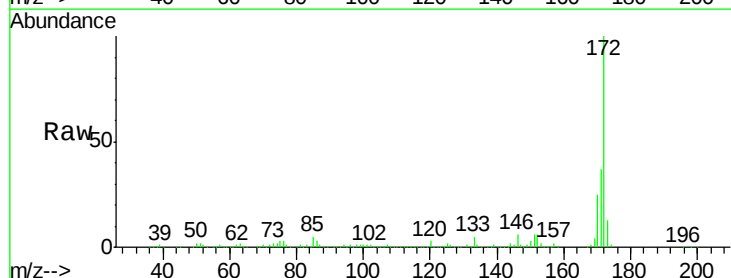


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

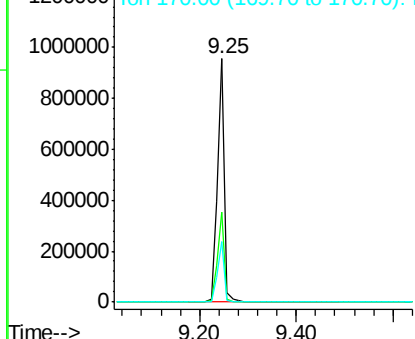
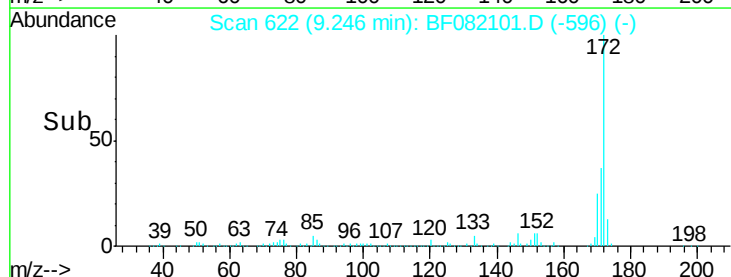


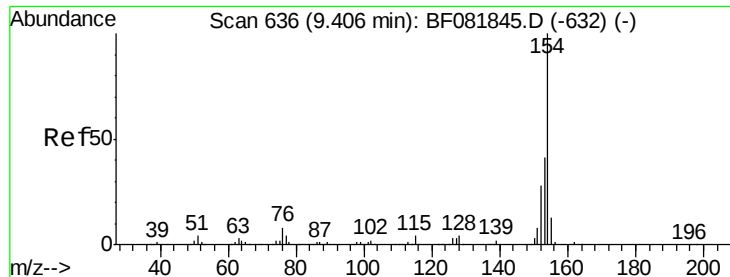
#44
 2-Fluorobiphenyl
 Concen: 84.94 ng
 RT: 9.25 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Tgt Ion:172 Resp: 987879
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 24.6 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

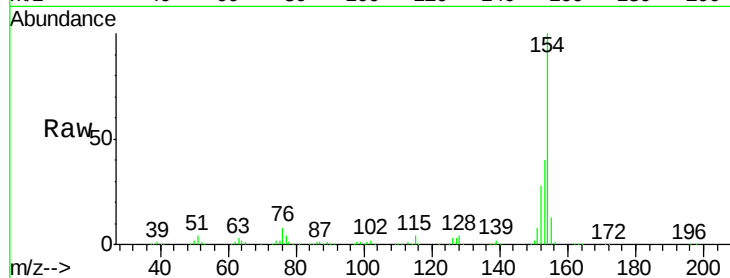




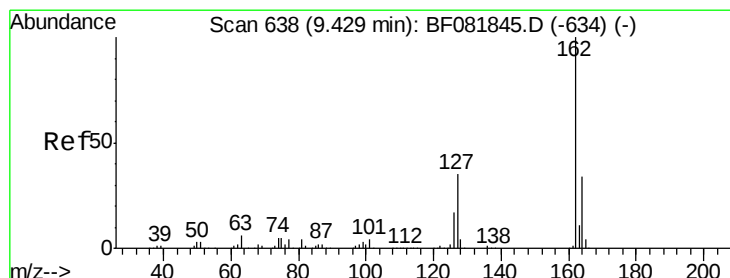
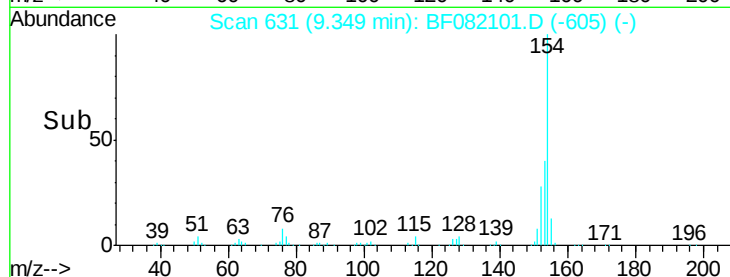
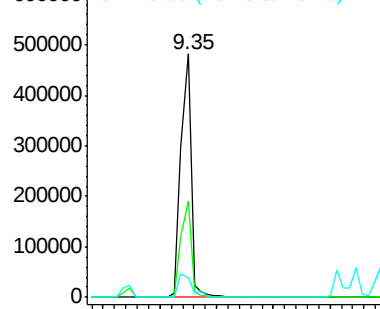
#45
 1,1'-Biphenyl
 Concen: 38.61 ng
 RT: 9.35 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 579710
 Ion Ratio Lower Upper
 154 100
 153 39.7 17.1 57.1
 76 7.8 0.0 31.6

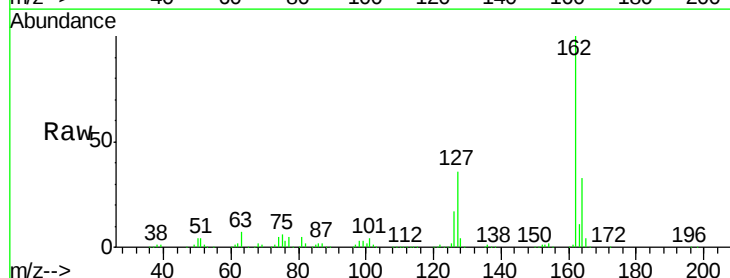


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

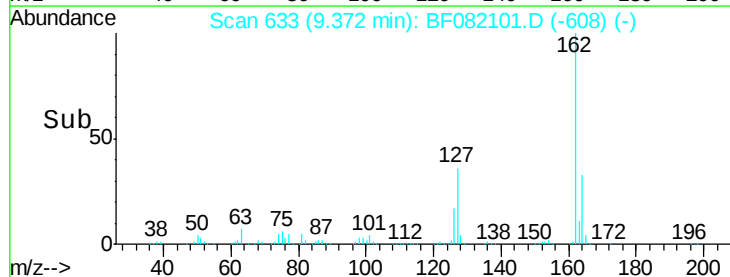
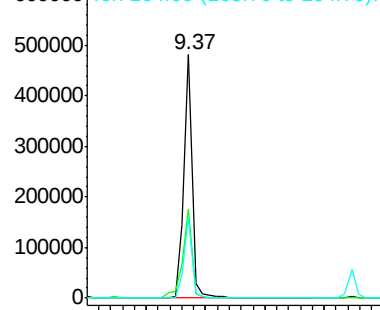


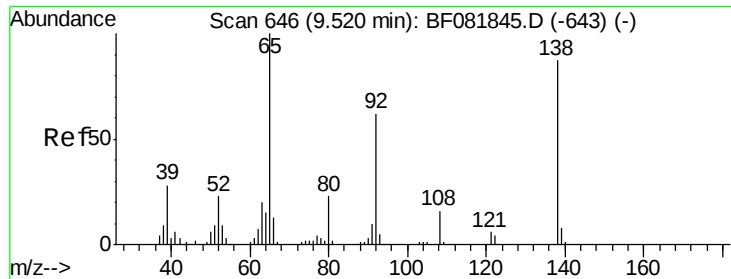
#46
 2-Chloronaphthalene
 Concen: 39.92 ng
 RT: 9.37 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Tgt Ion:162 Resp: 470535
 Ion Ratio Lower Upper
 162 100
 127 36.5 27.6 41.4
 164 33.3 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

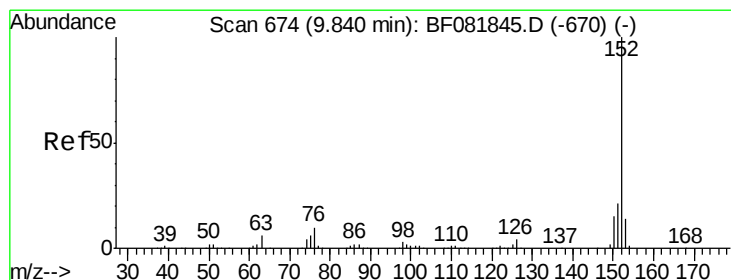
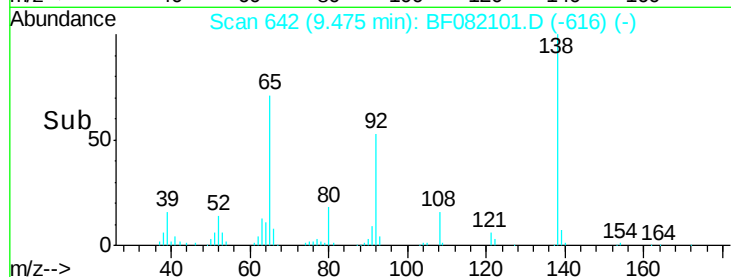
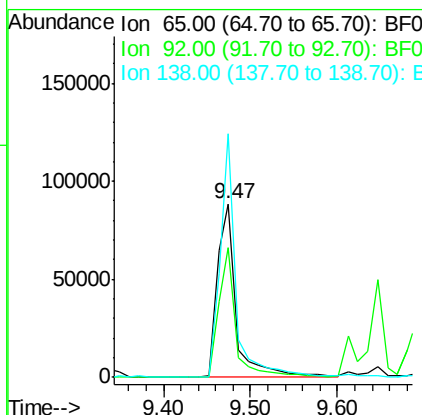
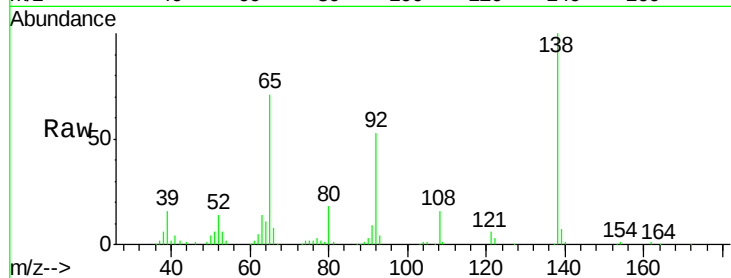




#47
2-Nitroaniline
Concen: 39.31 ng
RT: 9.47 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

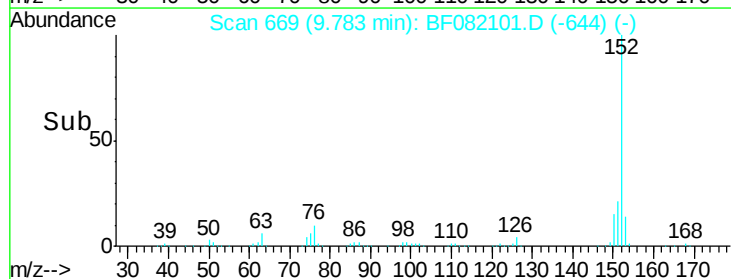
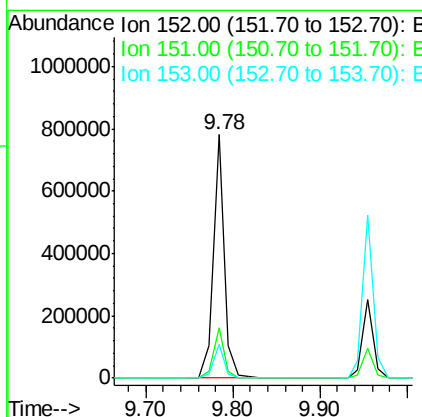
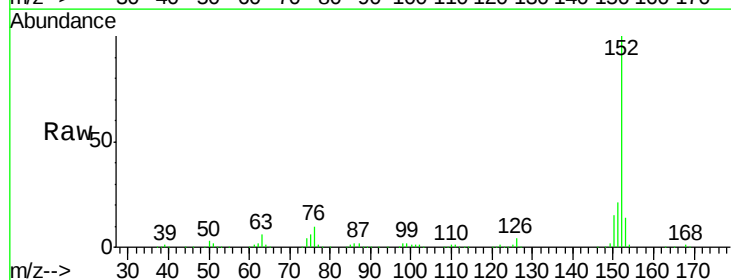
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

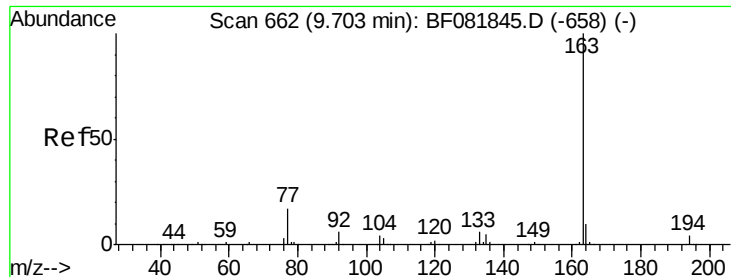
Tot Ion: 65 Resp: 136017
Ion Ratio Lower Upper
65 100
92 74.9 55.4 83.0
138 140.4 115.5 173.3



#48
Acenaphthylene
Concen: 37.06 ng
RT: 9.78 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion: 152 Resp: 699247
Ion Ratio Lower Upper
152 100
151 20.8 14.6 22.0
153 13.6 10.3 15.5

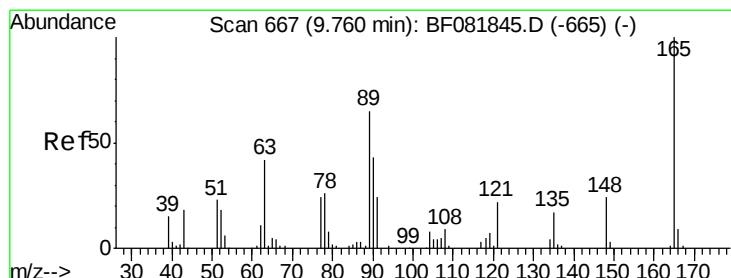
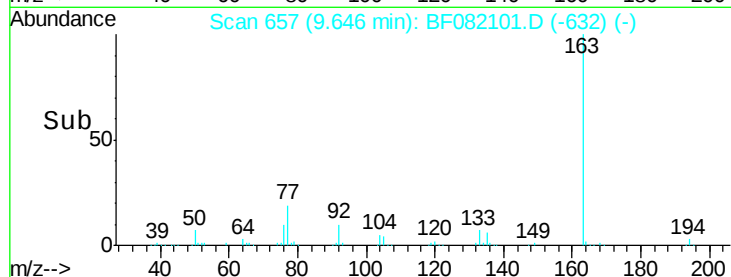
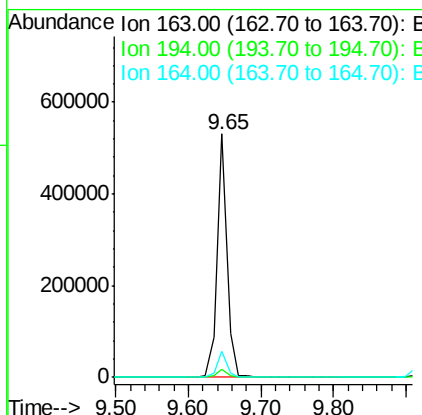
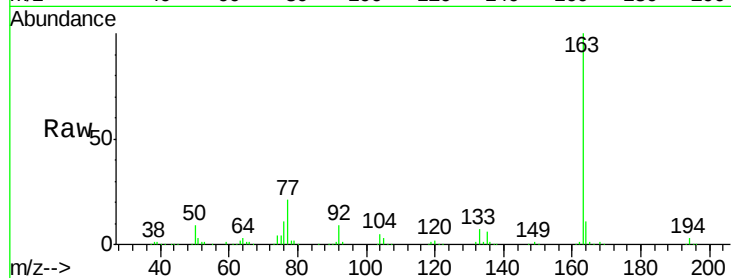




#49
Dimethylphthalate
Concen: 37.23 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

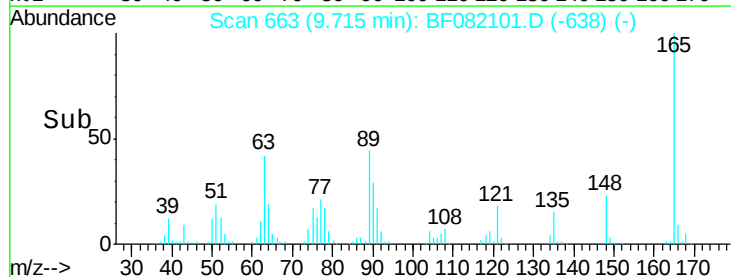
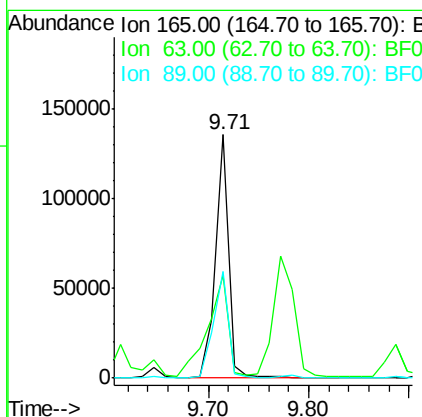
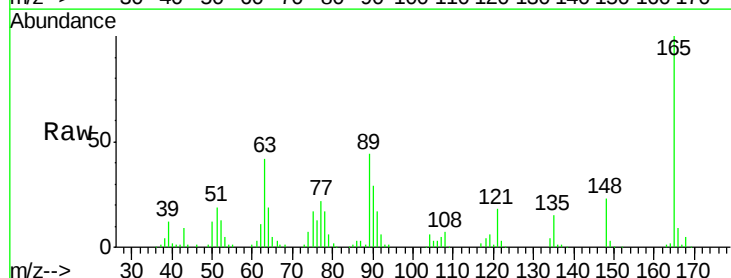
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

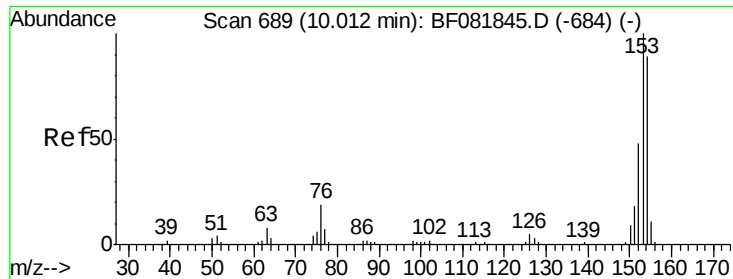
Tot Ion:163 Resp: 500085
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 10.6 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 42.40 ng
RT: 9.71 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion:165 Resp: 123640
Ion Ratio Lower Upper
165 100
63 42.1 32.3 48.5
89 44.1 28.6 43.0#





#51

Acenaphthene

Concen: 38.39 ng

RT: 9.95 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

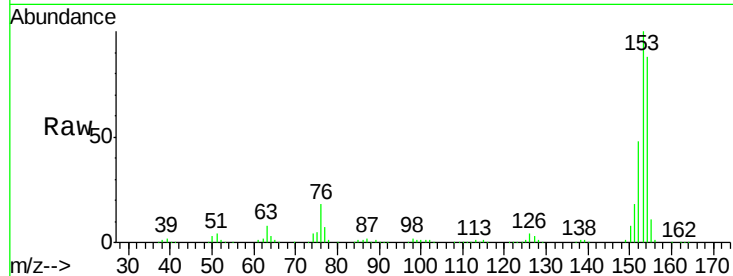
Tot Ion:154 Resp: 430089

Ion Ratio Lower Upper

154 100

153 113.5 82.1 123.1

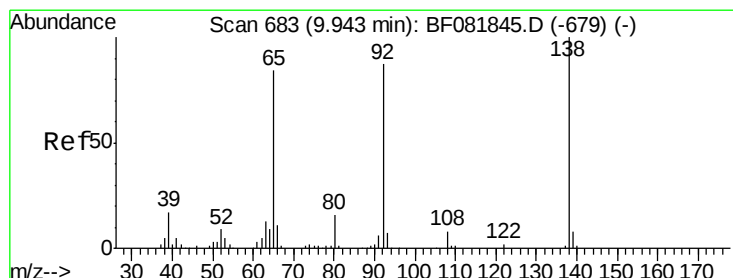
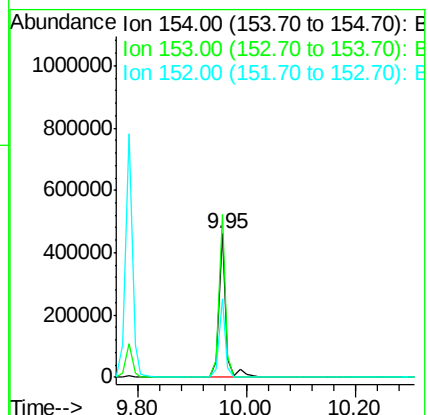
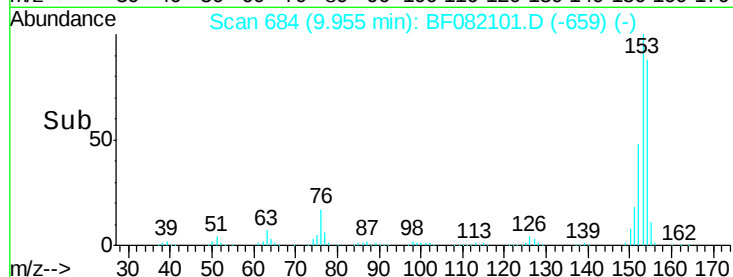
152 54.4 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.92 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

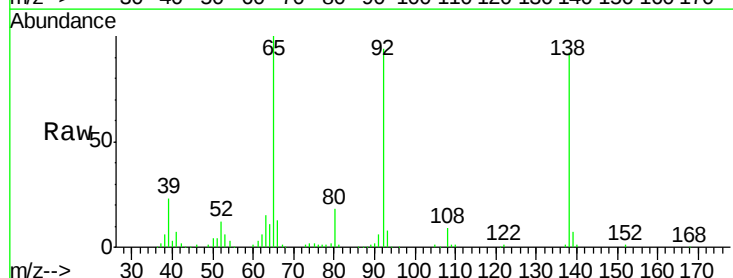
Tgt Ion:138 Resp: 141441

Ion Ratio Lower Upper

138 100

108 9.7 5.7 8.5#

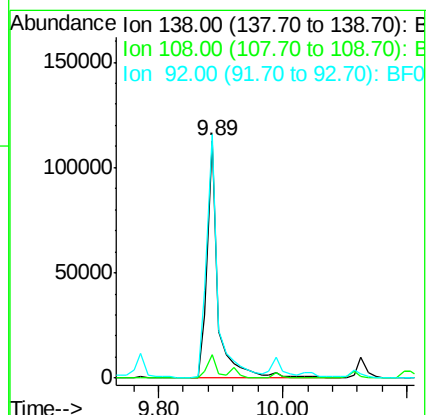
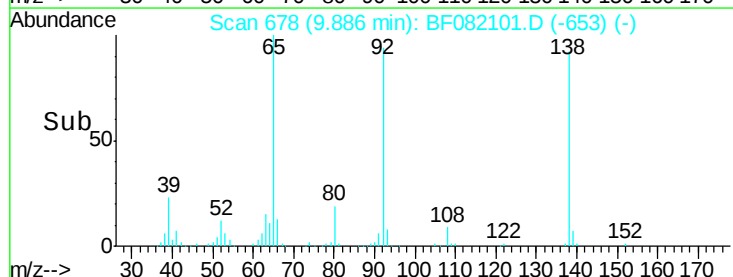
92 102.4 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

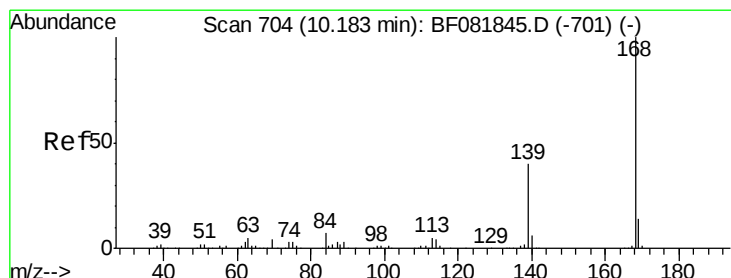
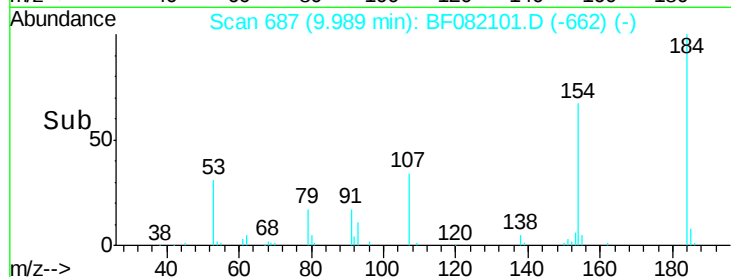
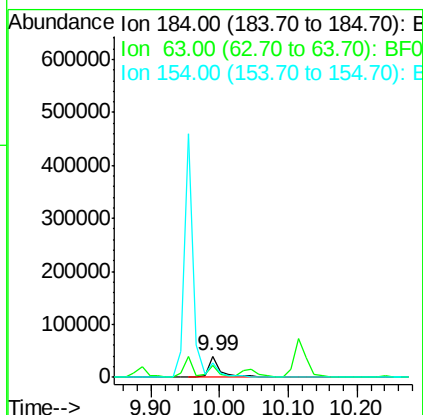
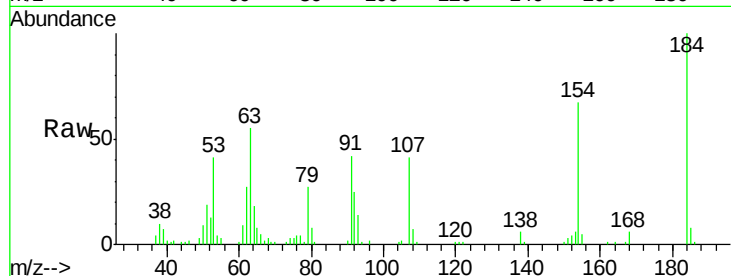




#53
2,4-Dinitrophenol
Concen: 48.92 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

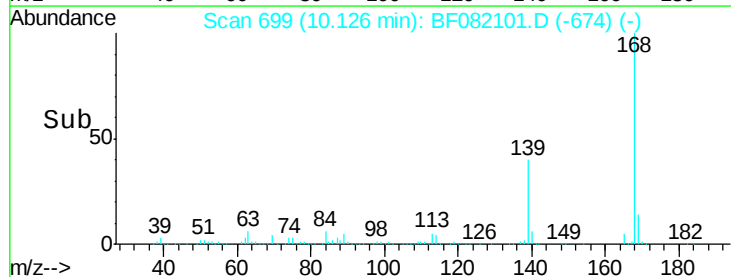
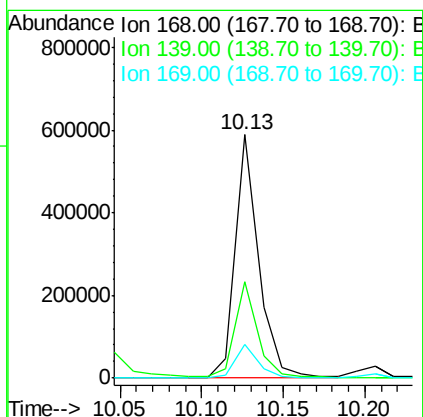
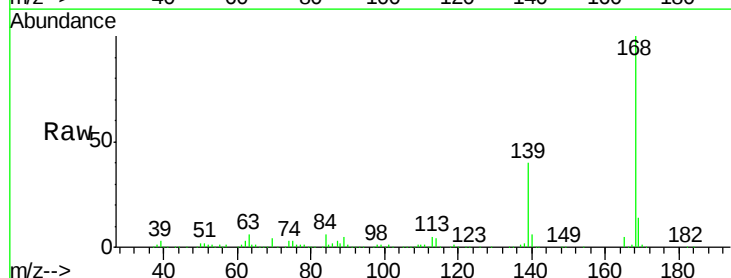
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 50811
Ion Ratio Lower Upper
184 100
63 55.5 35.4 53.2#
154 66.7 32.2 48.4#



#54
Dibenzofuran
Concen: 36.91 ng
RT: 10.13 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion:168 Resp: 584432
Ion Ratio Lower Upper
168 100
139 39.6 24.2 36.2#
169 13.7 10.6 15.8

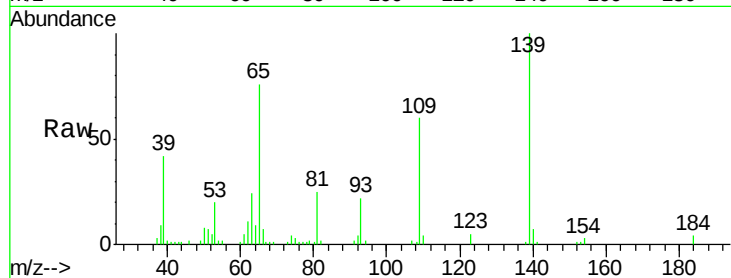




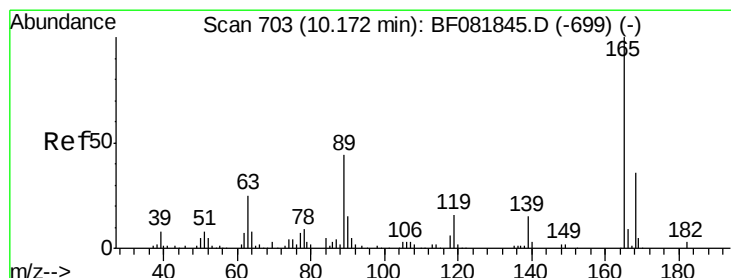
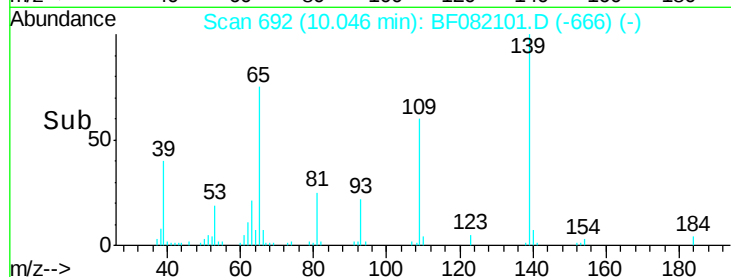
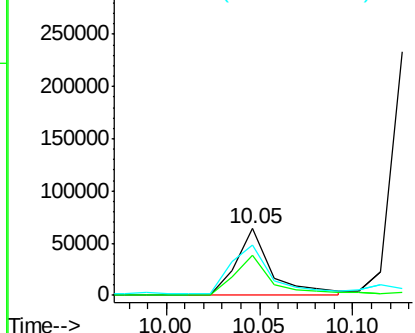
#55
4-Nitrophenol
Concen: 34.85 ng
RT: 10.05 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 84966
Ion Ratio Lower Upper
139 100
109 60.3 12.7 52.7#
65 76.1 45.9 85.9

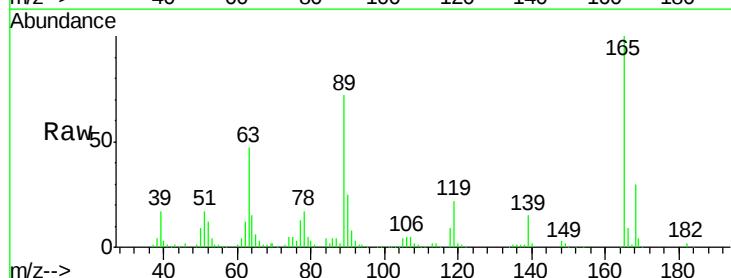


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

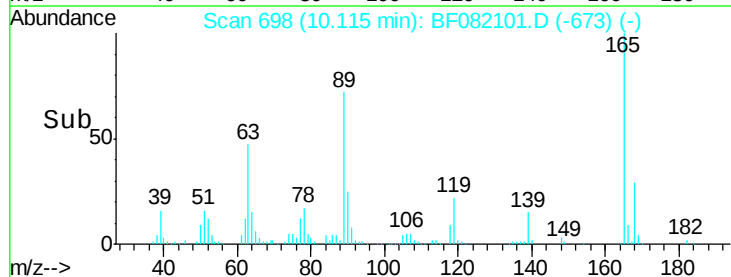
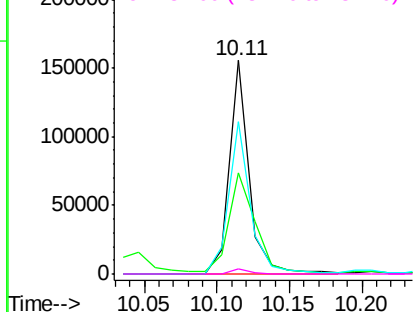


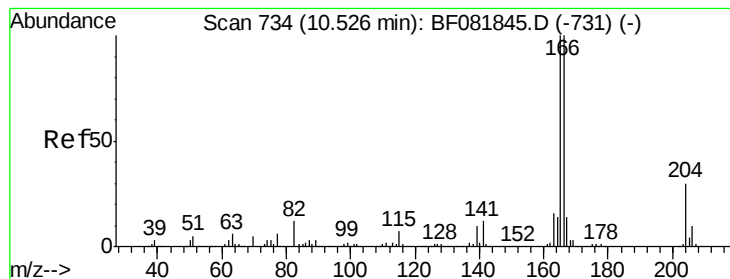
#56
2,4-Dinitrotoluene
Concen: 39.53 ng
RT: 10.11 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion:165 Resp: 146956
Ion Ratio Lower Upper
165 100
63 47.4 29.8 44.6#
89 71.6 44.5 66.7#
182 2.3 3.0 4.4#



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





#57

Fluorene

Concen: 40.93 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

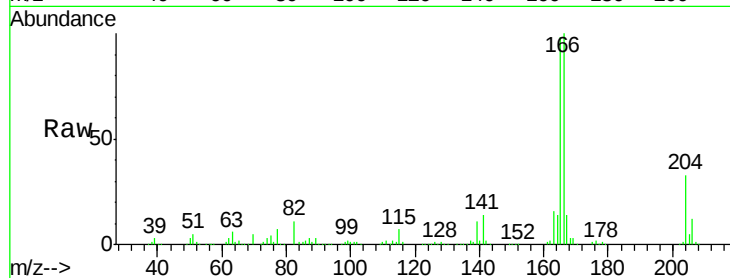
Tot Ion:166 Resp: 465721

Ion Ratio Lower Upper

166 100

165 98.5 72.6 109.0

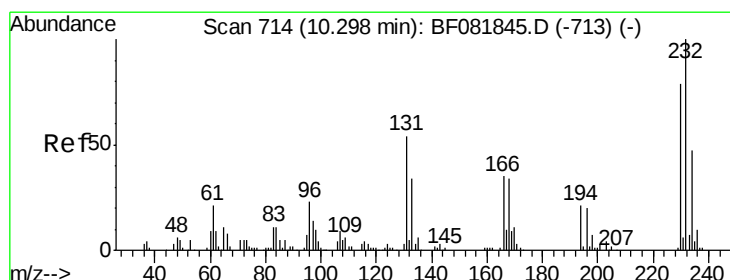
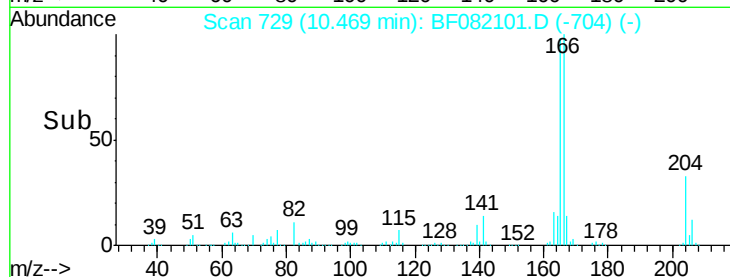
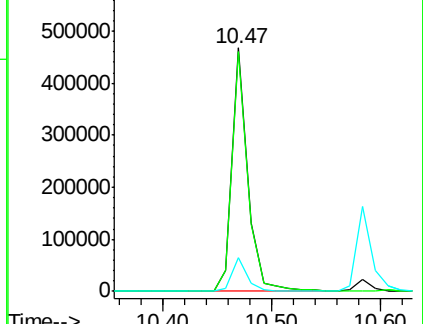
167 13.6 10.6 16.0



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: 40.14 ng

RT: 10.25 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Tgt Ion:232 Resp: 134102

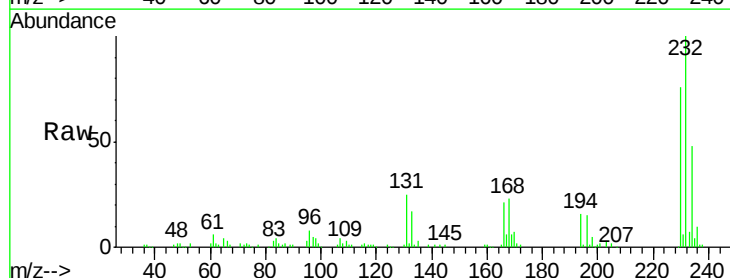
Ion Ratio Lower Upper

232 100

131 41.8 38.5 57.7

130 1.8 1.8 2.6

166 27.6 25.0 37.6

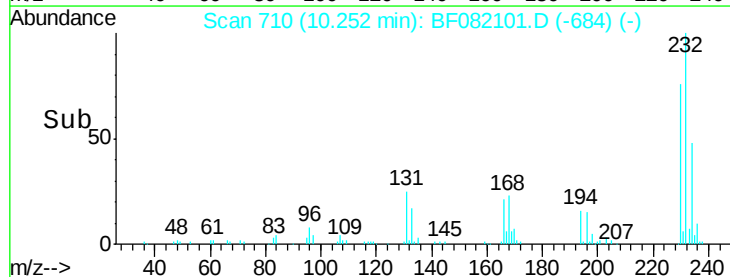
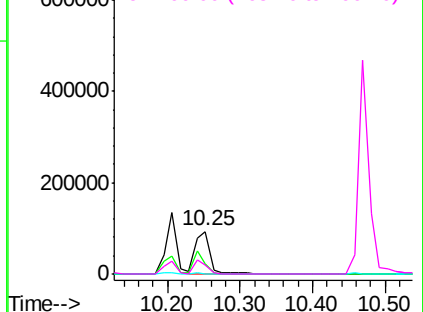


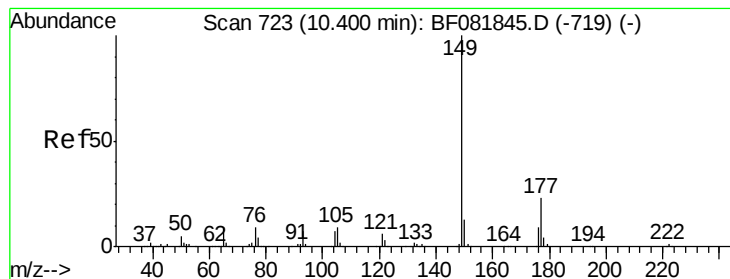
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.87 ng

RT: 10.34 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

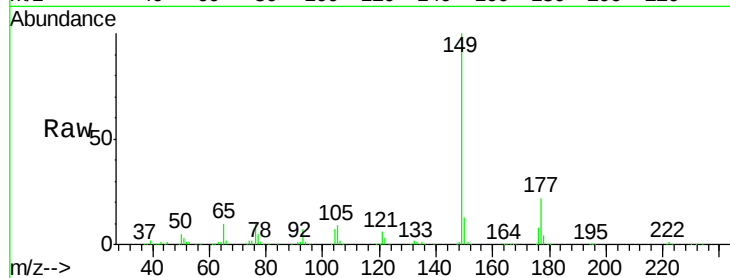
Tot Ion:149 Resp: 487728

Ion Ratio Lower Upper

149 100

177 21.7 17.5 26.3

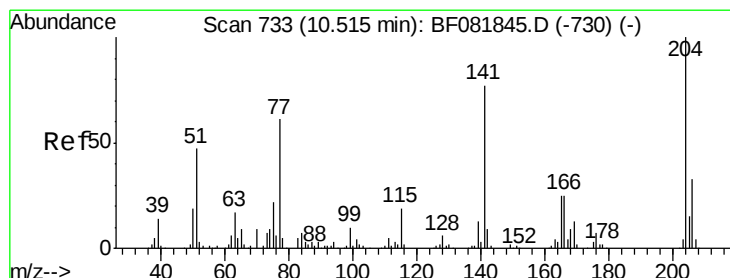
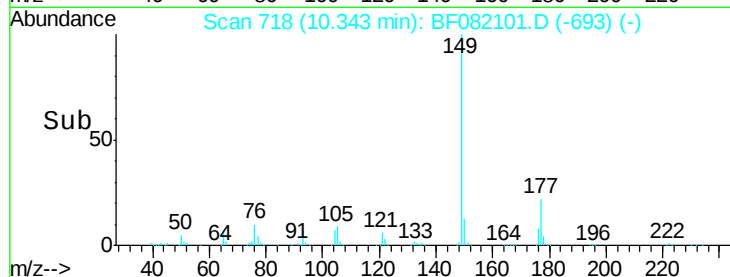
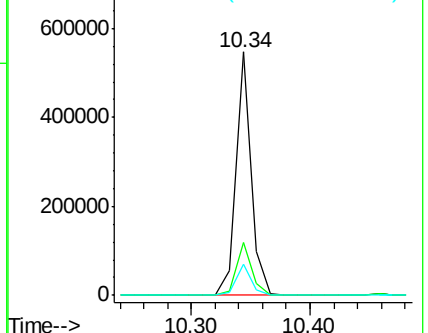
150 12.6 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.84 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

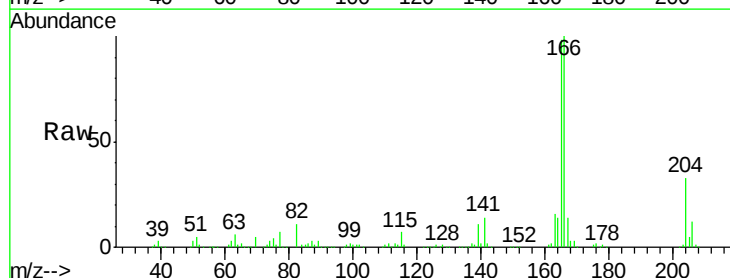
Tgt Ion:204 Resp: 225135

Ion Ratio Lower Upper

204 100

206 34.9 24.8 37.2

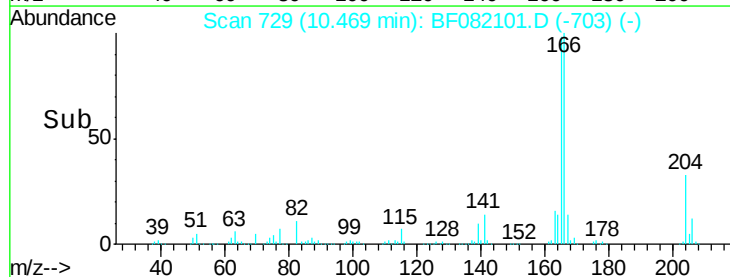
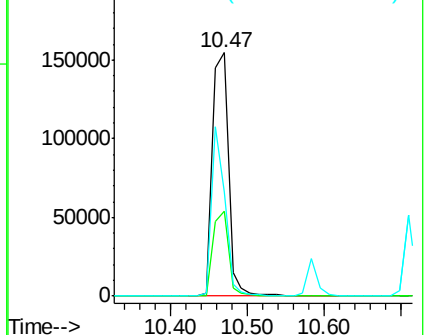
141 42.7 42.2 63.4

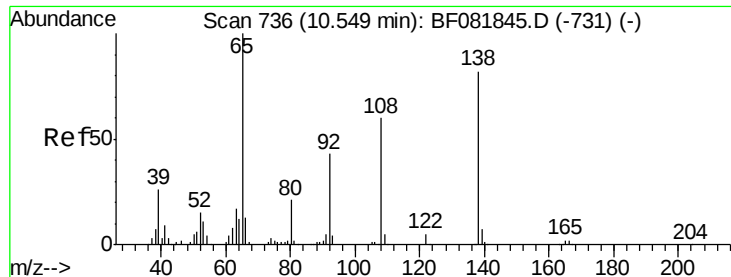


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

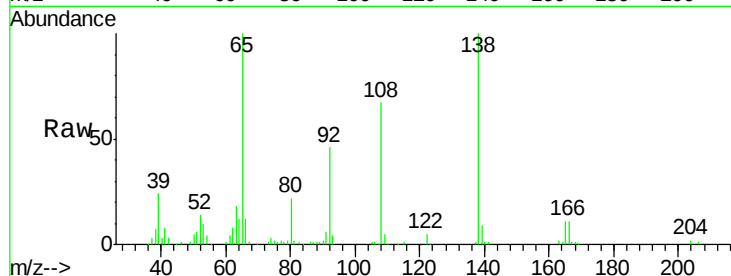




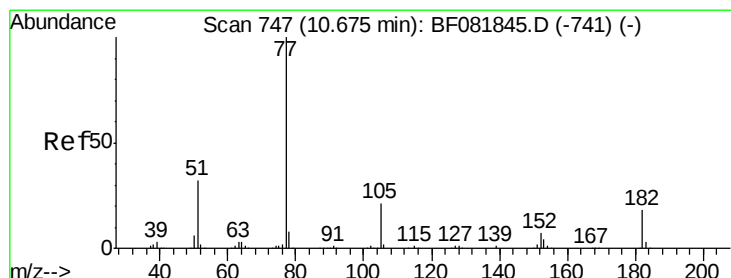
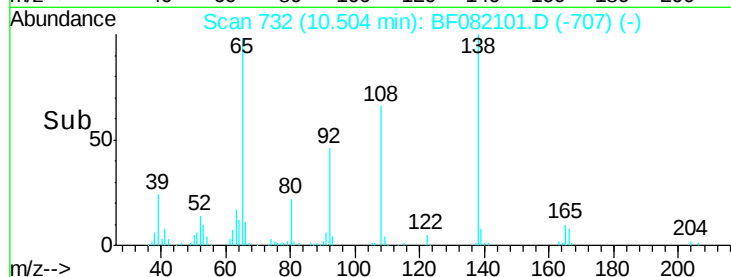
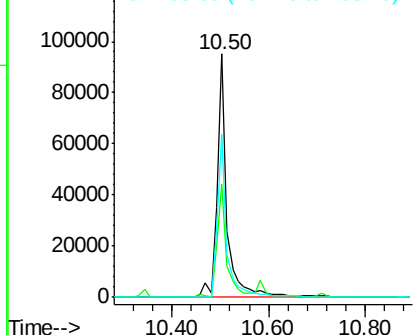
#61
4-Nitroaniline
Concen: 41.10 ng
RT: 10.50 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 139022
Ion Ratio Lower Upper
138 100
92 46.4 12.6 52.6
108 66.9 12.4 52.4#



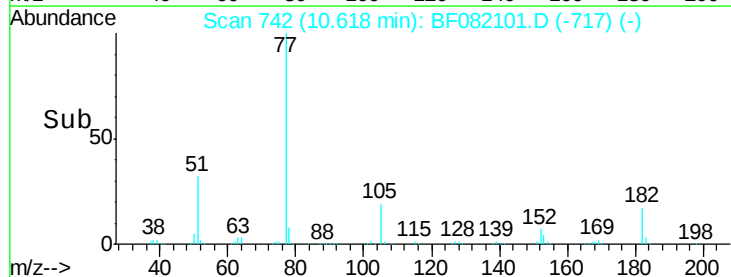
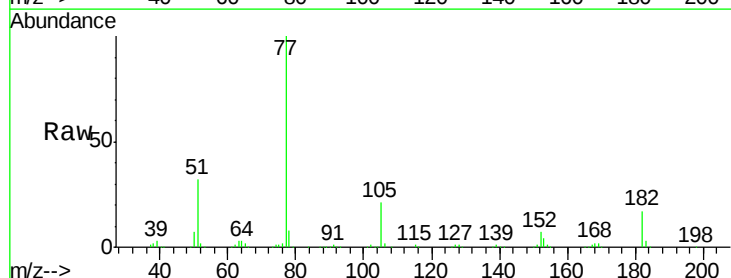
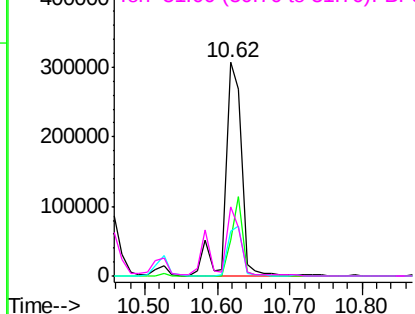
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

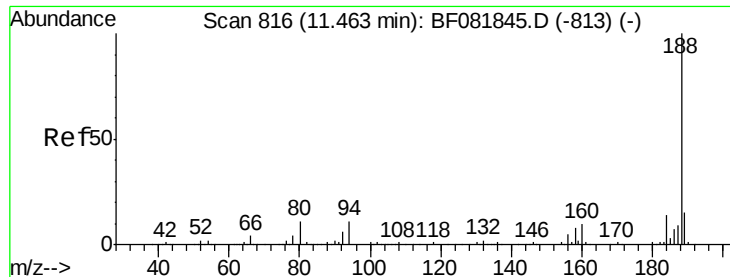


#62
Azobenzene
Concen: 38.41 ng
RT: 10.62 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion: 77 Resp: 470322
Ion Ratio Lower Upper
77 100
182 17.1 15.1 55.1
105 21.0 3.4 43.4
51 32.3 12.0 52.0

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

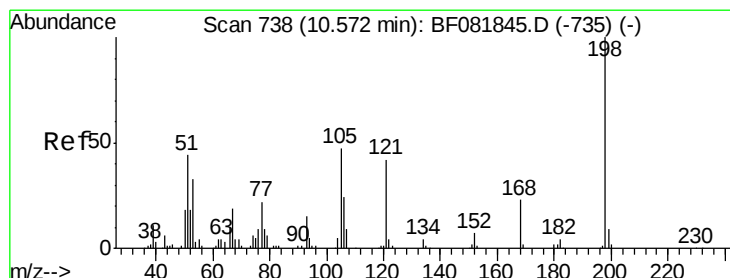
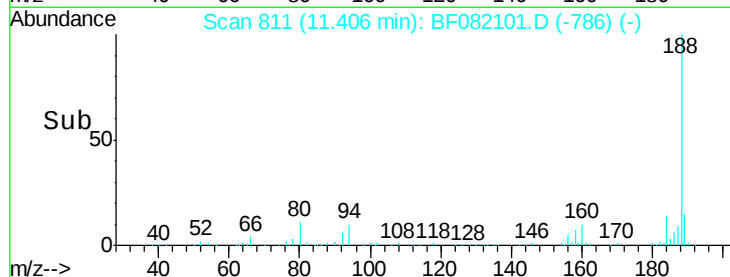
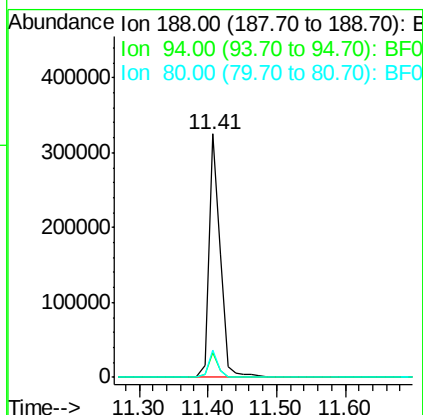
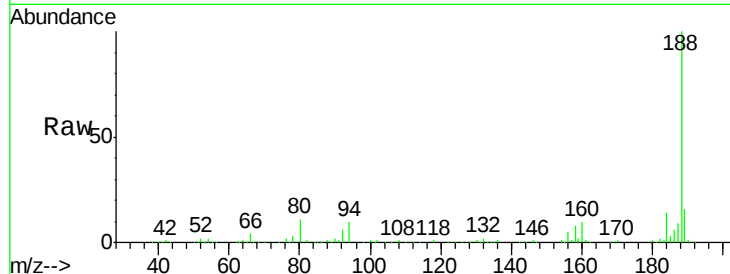




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

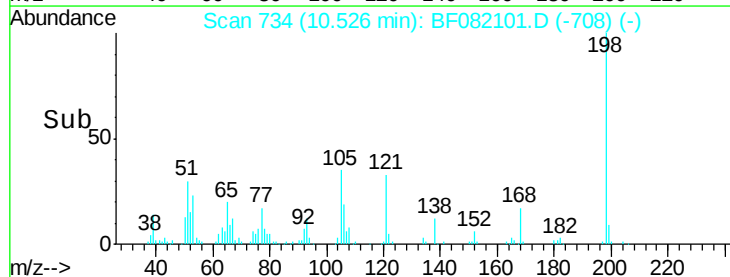
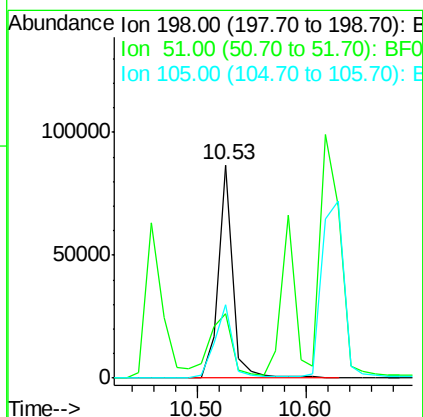
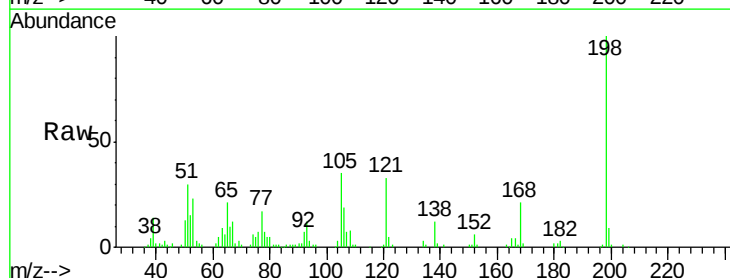
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

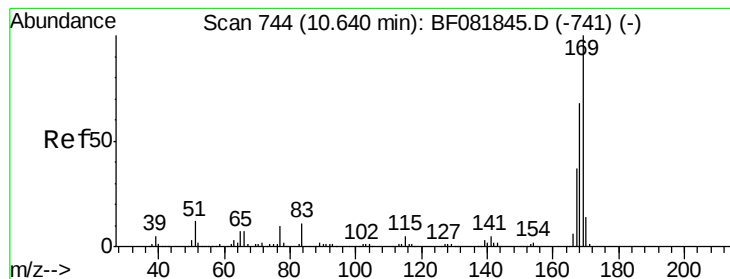
Tot Ion:188 Resp: 373578
Ion Ratio Lower Upper
188 100
94 10.2 11.1 16.7#
80 11.0 11.0 16.4



#64
4,6-Dinitro-2-methylphenol
Concen: 48.08 ng
RT: 10.53 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion:198 Resp: 81536
Ion Ratio Lower Upper
198 100
51 30.4 39.6 79.6#
105 34.7 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 37.23 ng

RT: 10.58 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

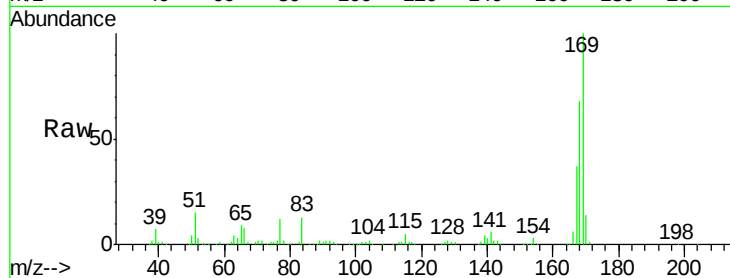
Tot Ion:169 Resp: 420839

Ion Ratio Lower Upper

169 100

168 67.9 48.9 73.3

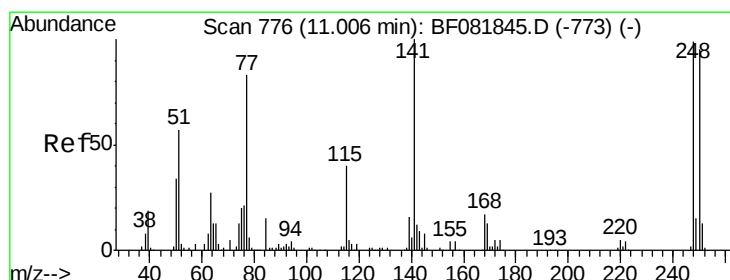
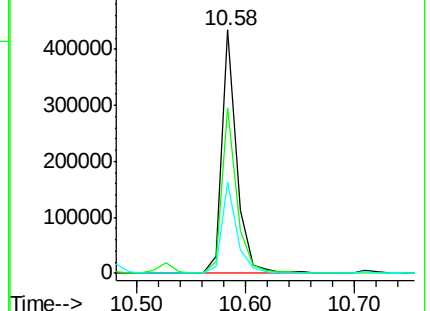
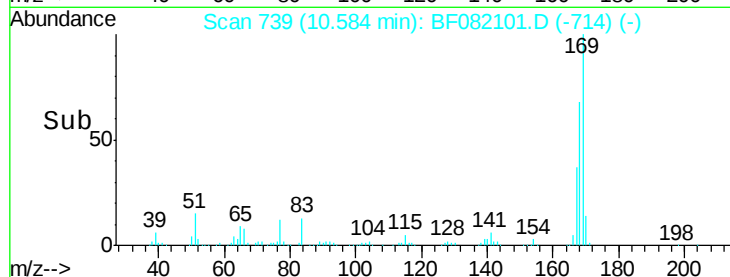
167 37.3 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.35 ng

RT: 10.96 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

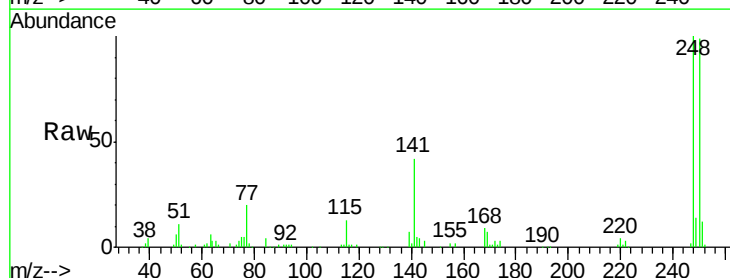
Tgt Ion:248 Resp: 148222

Ion Ratio Lower Upper

248 100

250 98.8 78.5 117.7

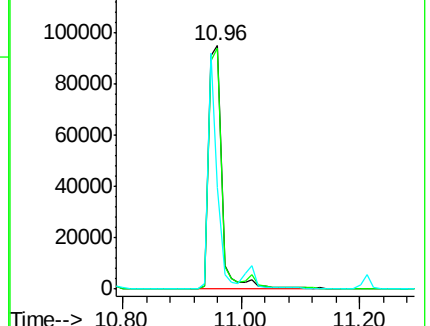
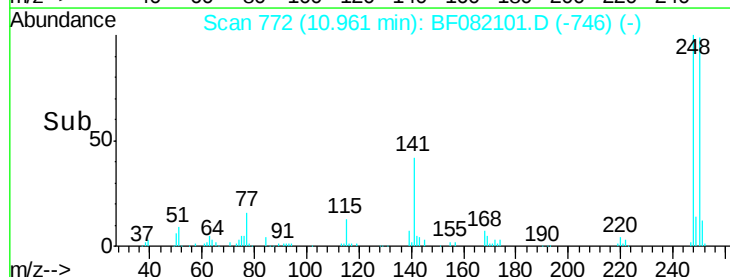
141 41.8 59.0 88.6#

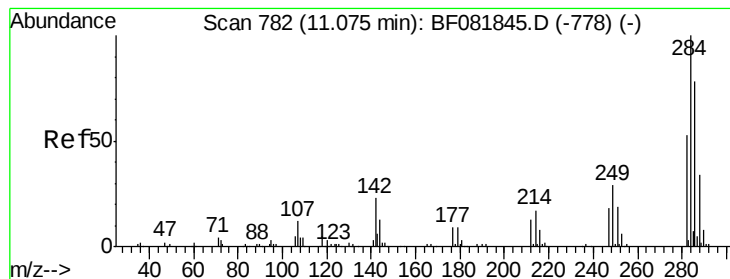


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.74 ng

RT: 11.02 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

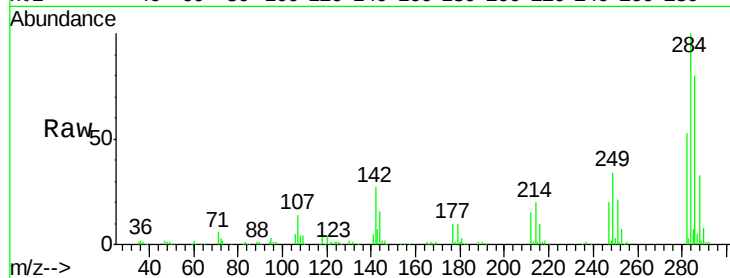
Tot Ion:284 Resp: 160441

Ion Ratio Lower Upper

284 100

142 27.2 29.5 44.3#

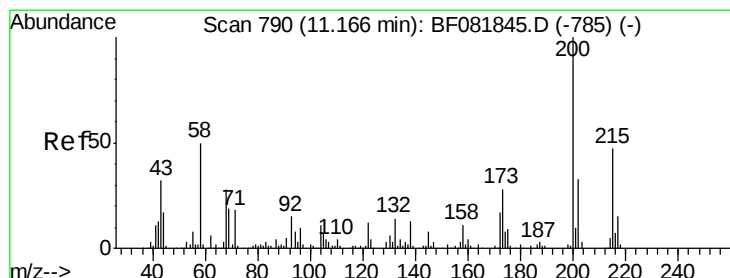
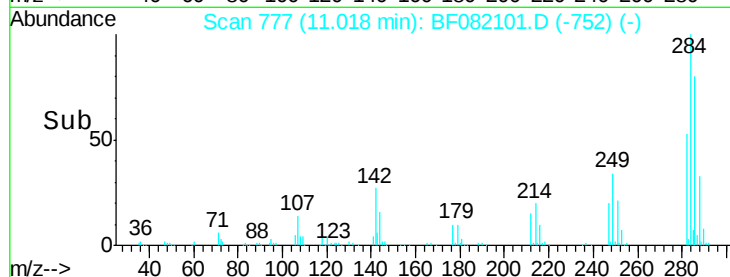
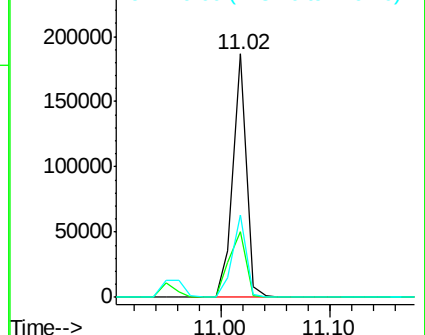
249 33.9 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.37 ng

RT: 11.11 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

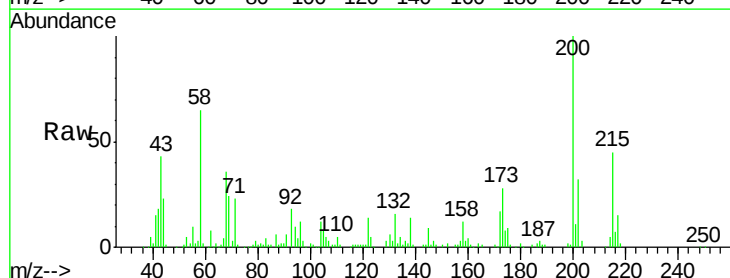
Tgt Ion:200 Resp: 134577

Ion Ratio Lower Upper

200 100

173 28.5 13.2 53.2

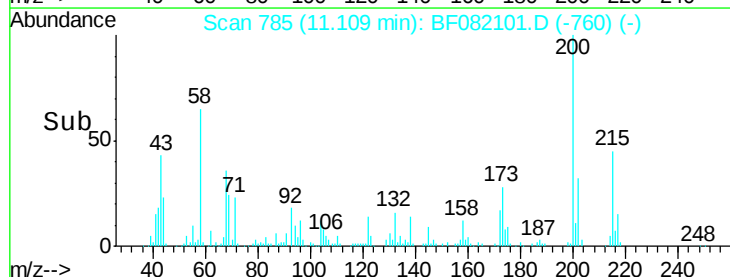
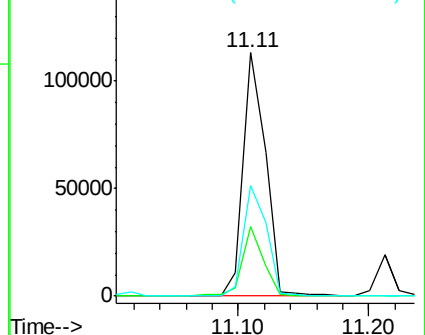
215 45.3 41.8 81.8

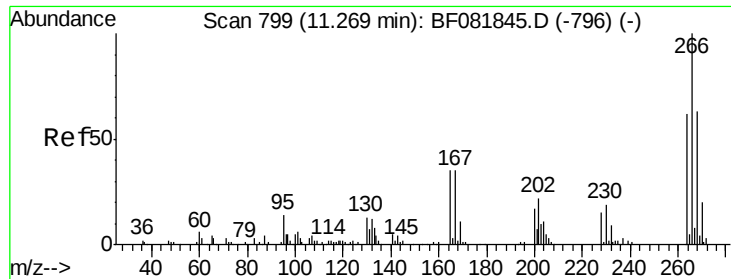


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

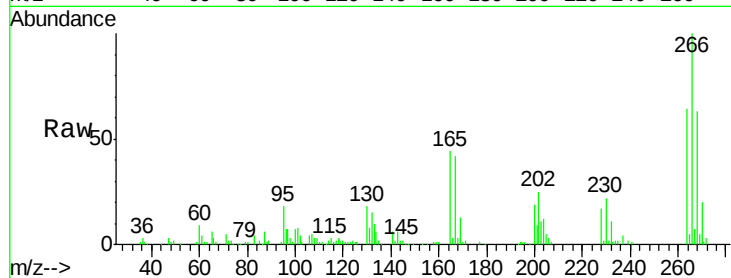




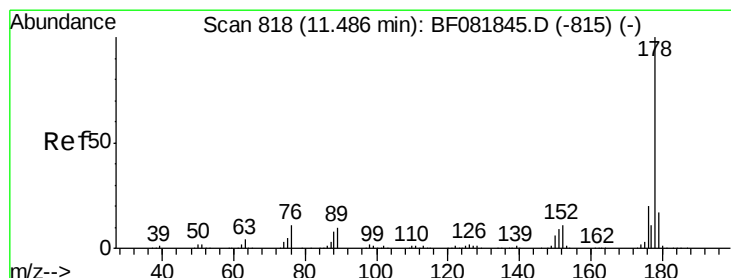
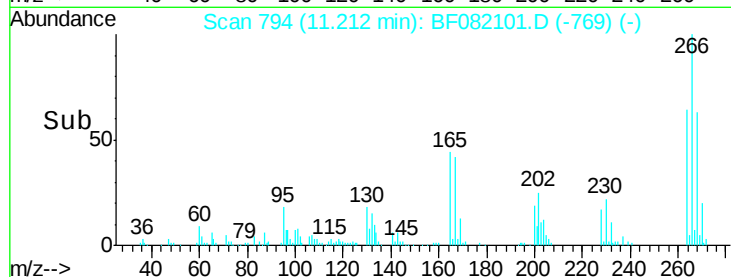
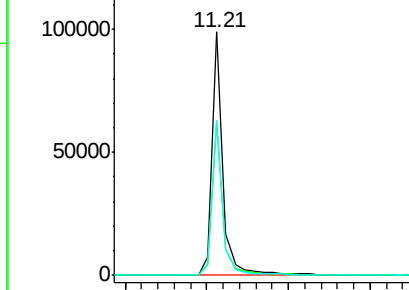
#69
 Pentachlorophenol
 Concen: 38.64 ng
 RT: 11.21 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 93599
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.8 74.6
 264 63.5 50.2 75.2

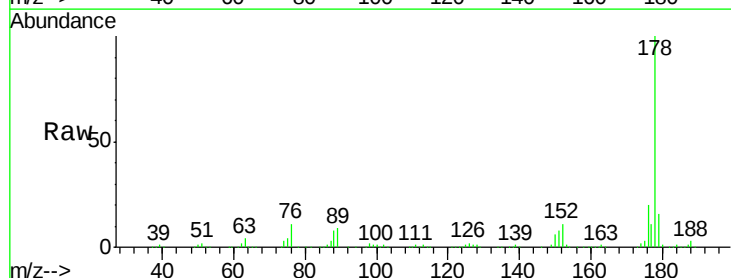


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

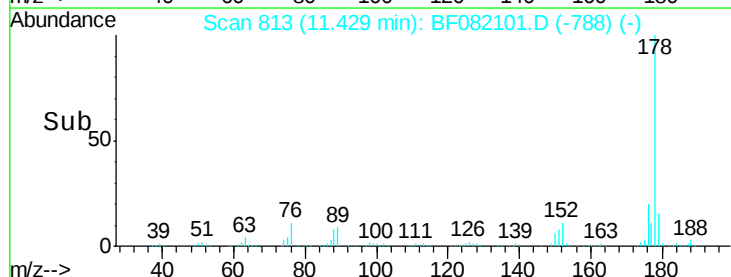
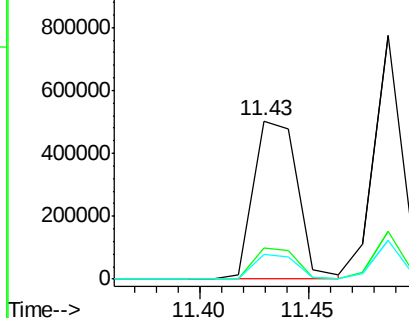


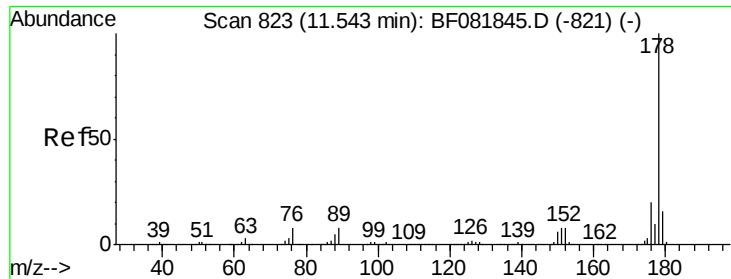
#70
 Phenanthrene
 Concen: 39.24 ng
 RT: 11.43 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Tgt Ion:178 Resp: 709264
 Ion Ratio Lower Upper
 178 100
 176 19.6 13.8 20.8
 179 16.0 12.2 18.2



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

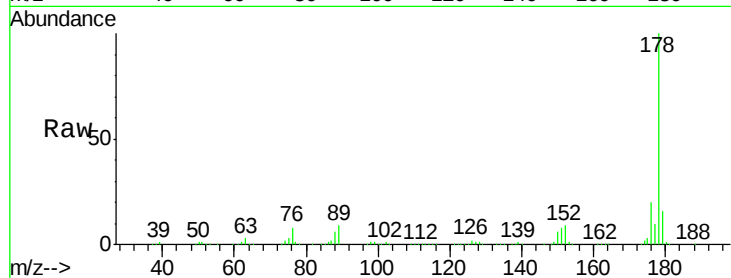




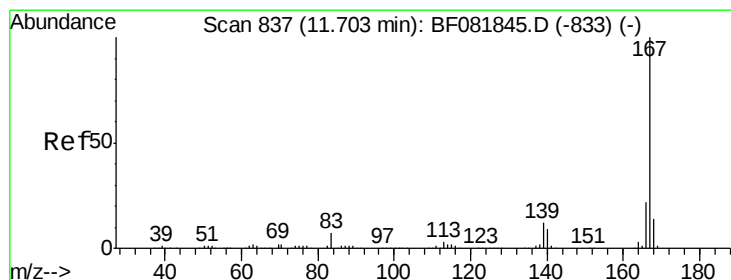
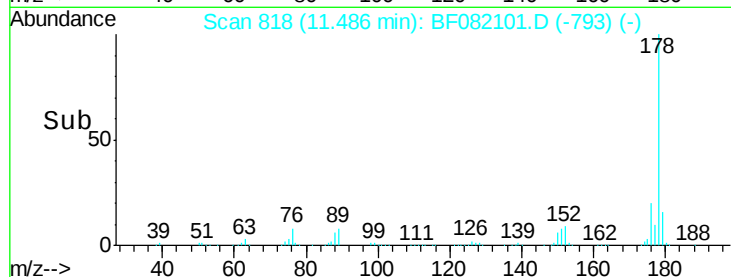
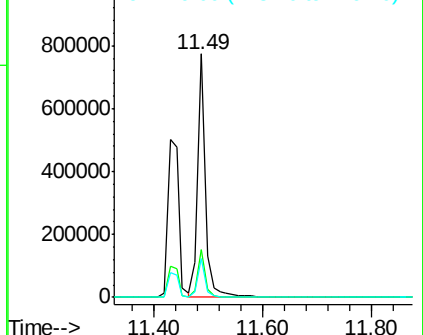
#71
 Anthracene
 Concen: 40.16 ng
 RT: 11.49 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 762637
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.1 21.1
 179 16.0 12.2 18.2

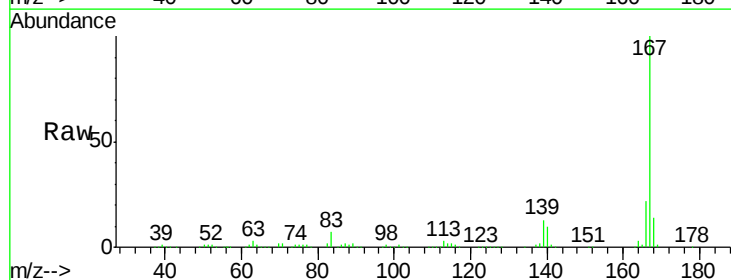


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

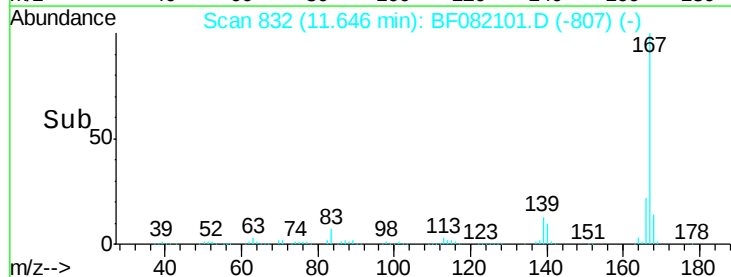
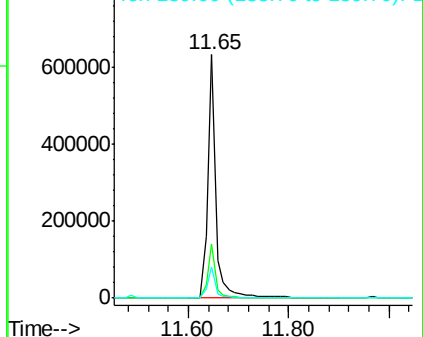


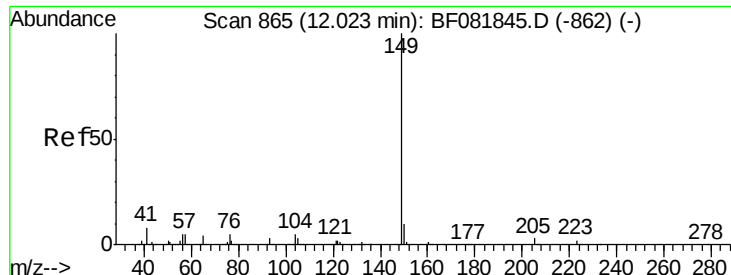
#72
 Carbazole
 Concen: 41.21 ng
 RT: 11.65 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Tgt Ion:167 Resp: 708180
 Ion Ratio Lower Upper
 167 100
 166 22.3 15.7 23.5
 139 12.9 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.22 ng

RT: 11.97 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

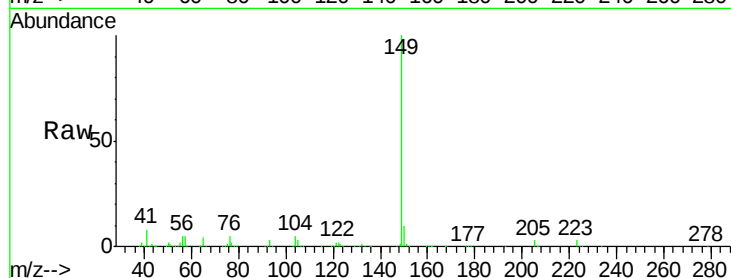
Tot Ion:149 Resp: 774479

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

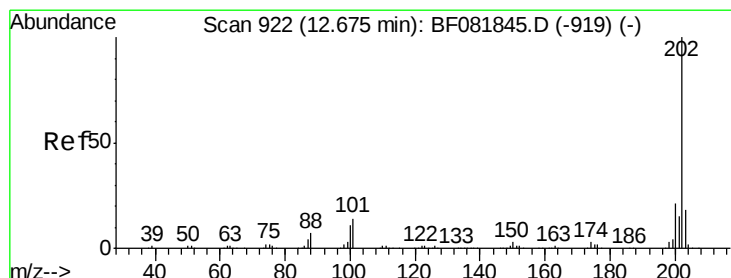
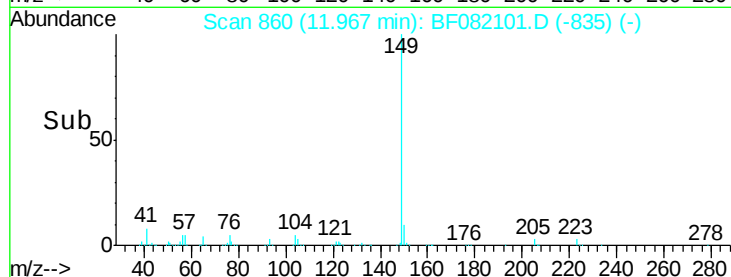
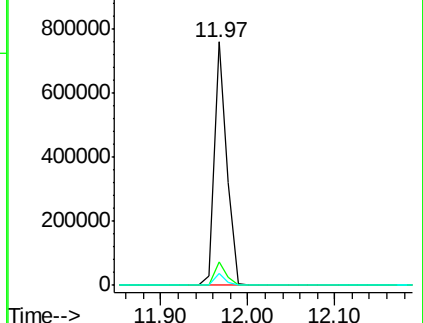
104 5.0 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.48 ng

RT: 12.62 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

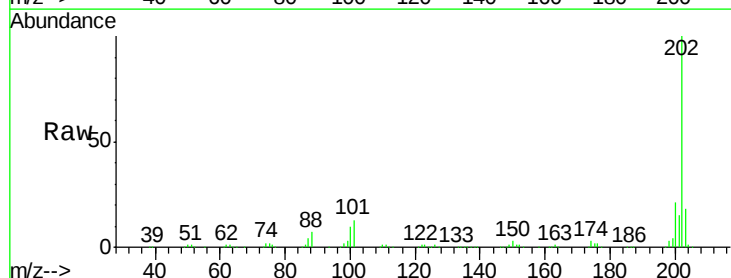
Tgt Ion:202 Resp: 790062

Ion Ratio Lower Upper

202 100

101 13.1 0.0 38.3

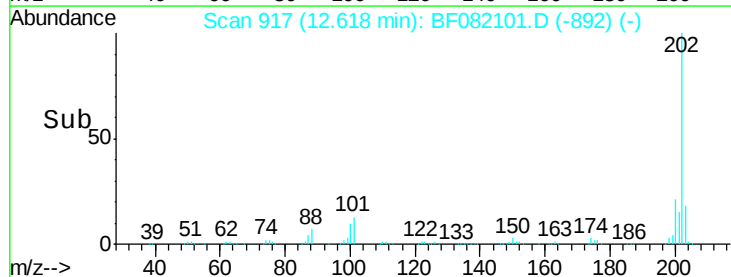
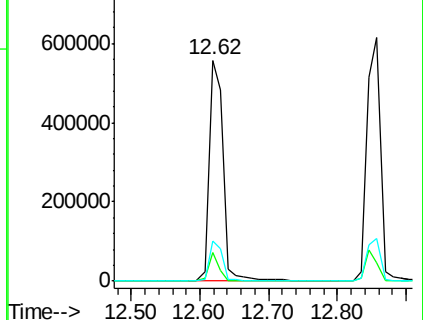
203 17.8 0.0 37.3

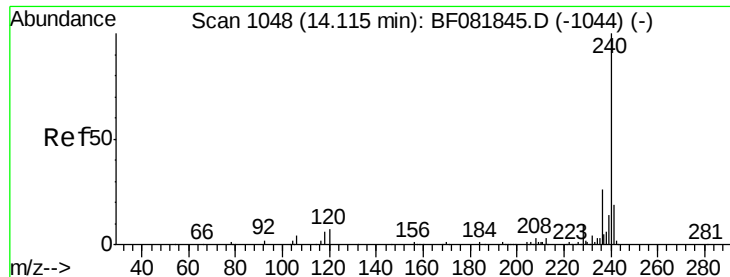


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

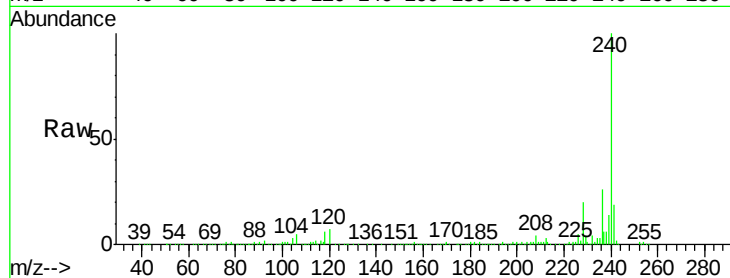
Tot Ion:240 Resp: 369620

Ion Ratio Lower Upper

240 100

120 6.7 16.2 24.2#

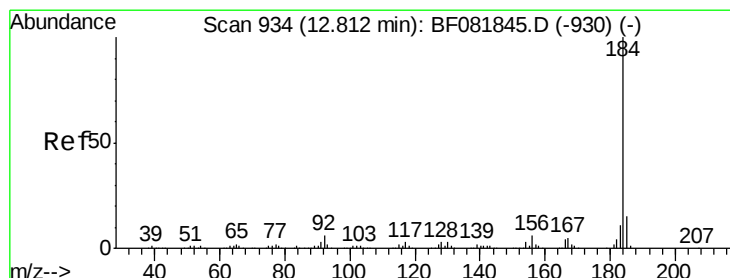
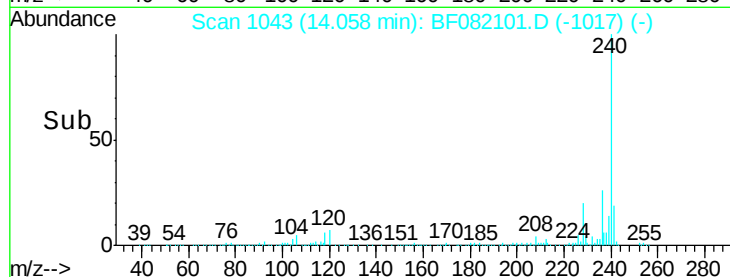
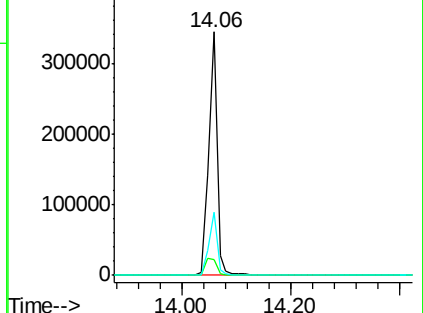
236 25.8 18.4 27.6



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: 36.51 ng

RT: 12.76 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

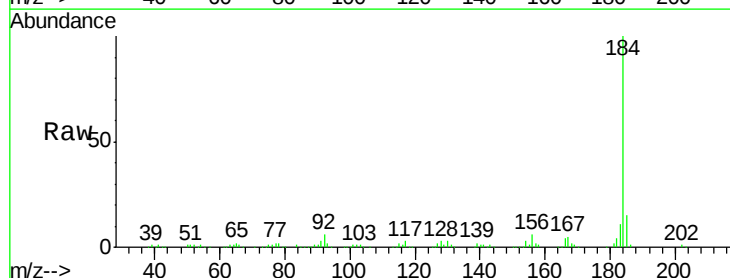
Tgt Ion:184 Resp: 406640

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.6

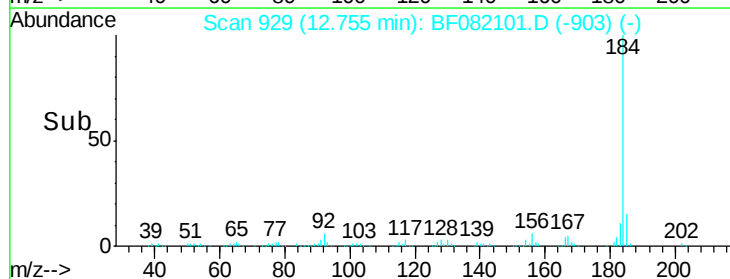
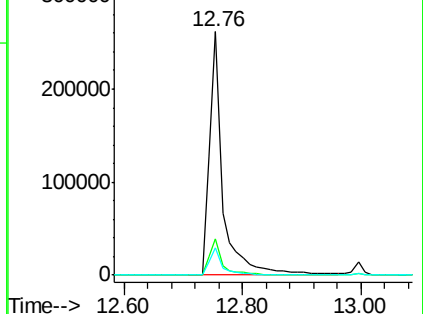
183 11.3 7.6 11.4

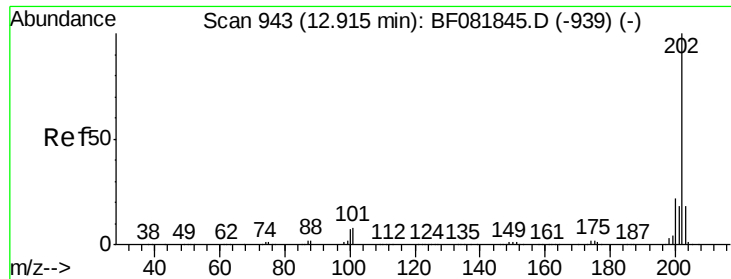


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

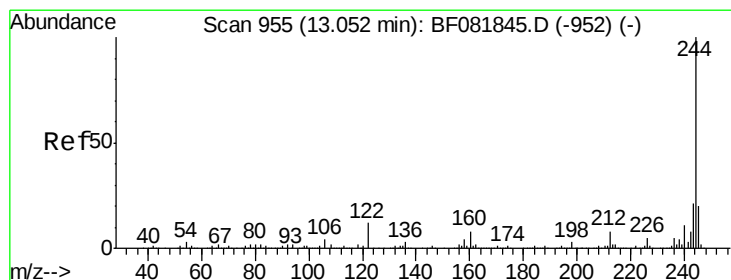
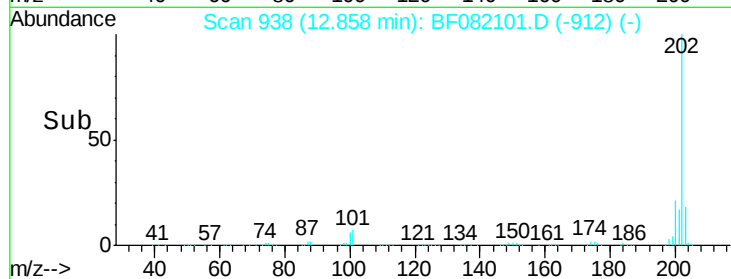
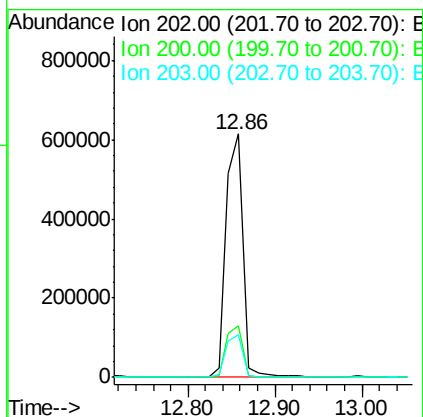
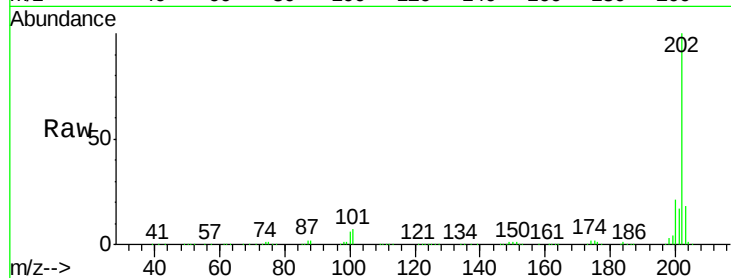




#77
Pvrene
Concen: 37.23 ng
RT: 12.86 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

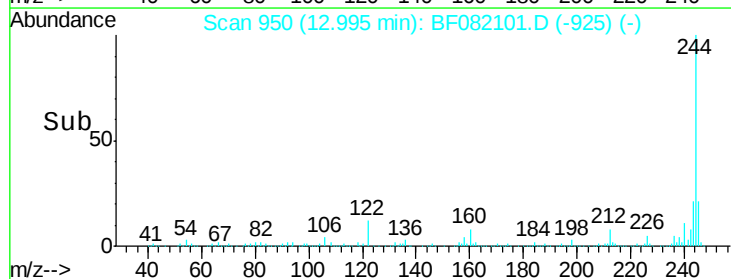
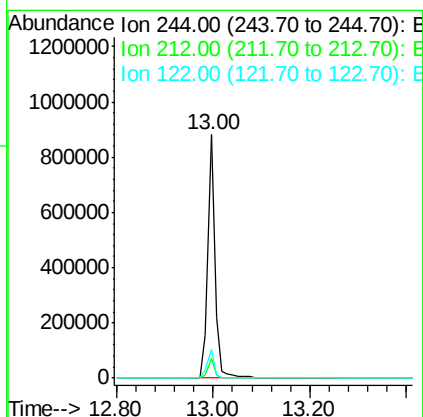
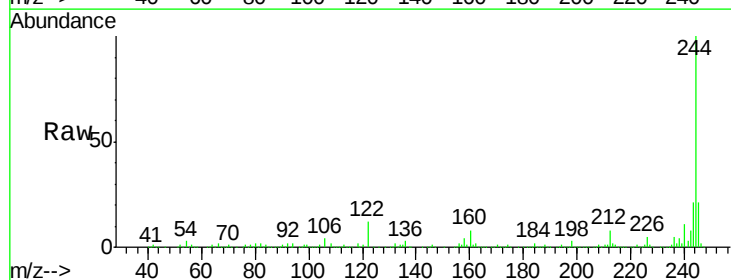
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 822114
Ion Ratio Lower Upper
202 100
200 21.3 15.0 22.4
203 17.5 14.1 21.1



#78
Terphenyl-d14
Concen: 79.21 ng
RT: 13.00 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion:244 Resp: 923758
Ion Ratio Lower Upper
244 100
212 7.9 4.3 6.5#
122 11.7 17.4 26.2#

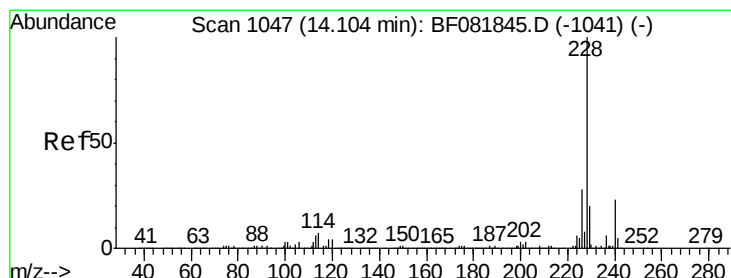
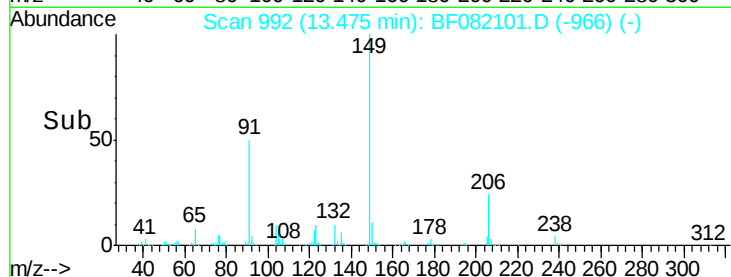
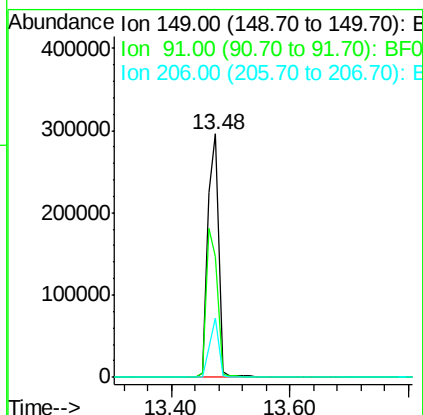
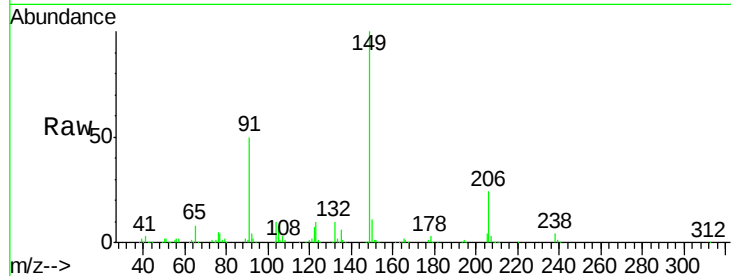




#79
 Butylbenzylphthalate
 Concen: 45.01 ng
 RT: 13.48 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

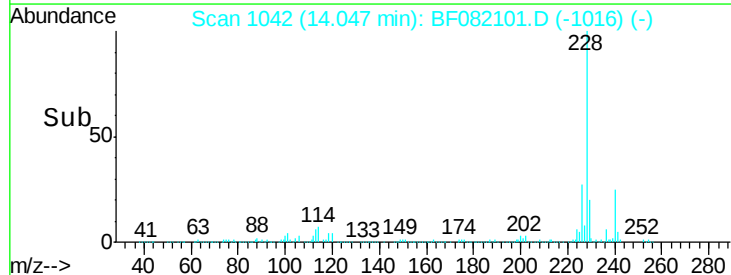
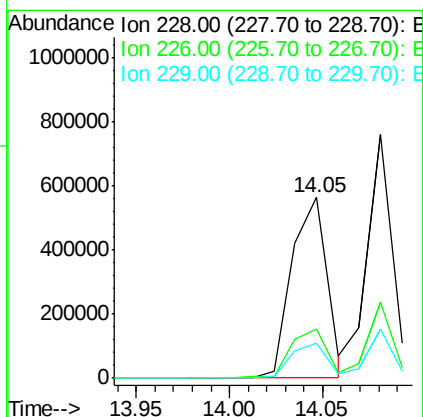
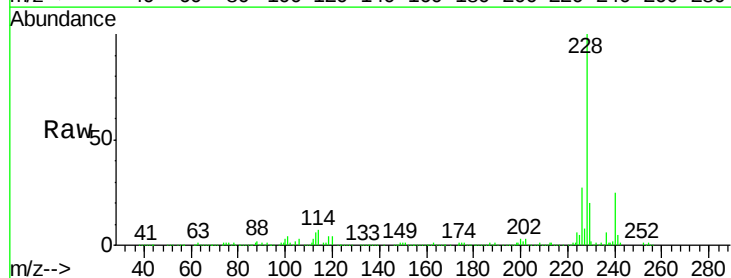
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	49.5	48.6	72.8
206	24.2	14.9	22.3



#80
 Benzo(a)anthracene
 Concen: 37.04 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.0	30.0
229	19.6	15.4	23.2

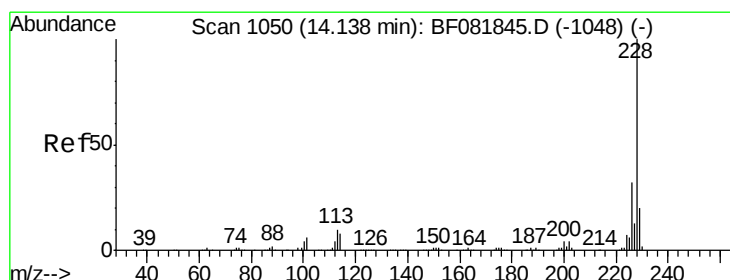
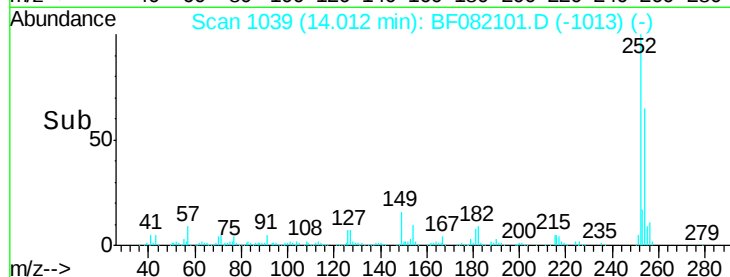
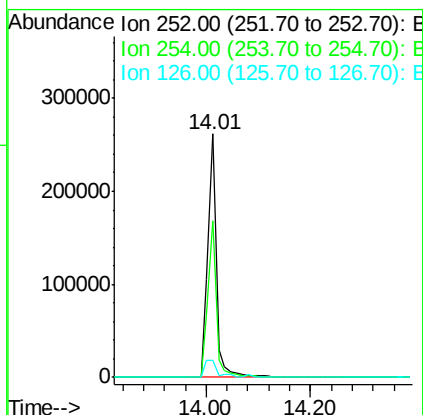
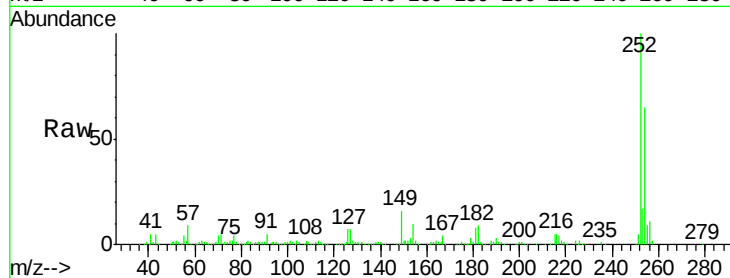




#81
 3,3'-Dichlorobenzidine
 Concen: 44.47 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

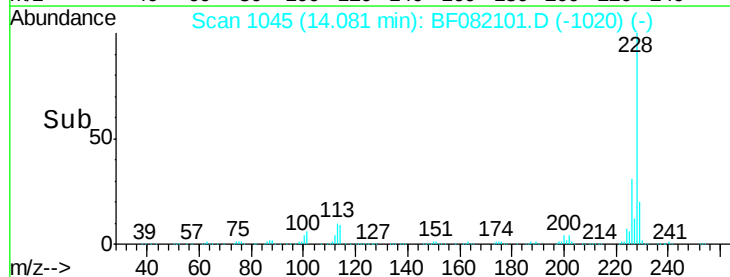
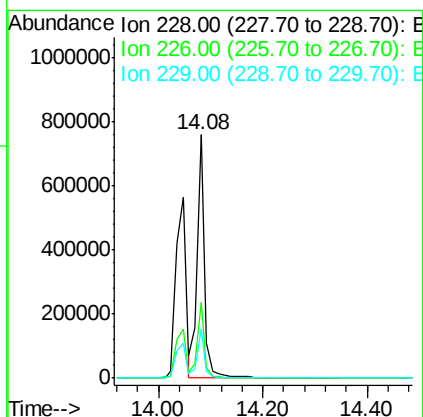
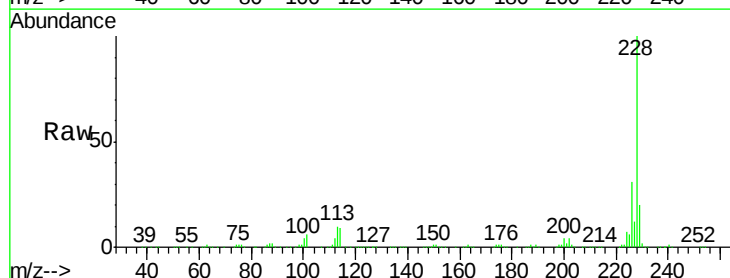
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:252 Resp: 298919
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.4 77.2
 126 7.2 16.4 24.6#



#82
 Chrysene
 Concen: 42.14 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Tgt Ion:228 Resp: 755648
 Ion Ratio Lower Upper
 228 100
 226 31.4 21.0 31.4
 229 20.4 15.6 23.4

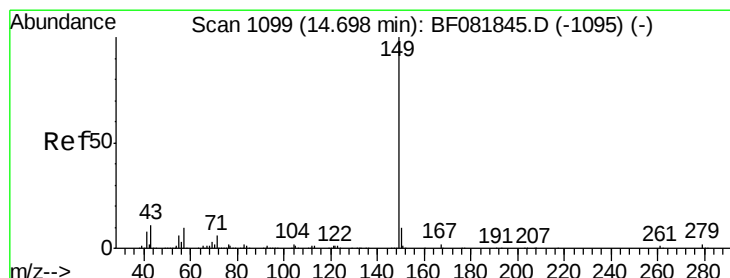
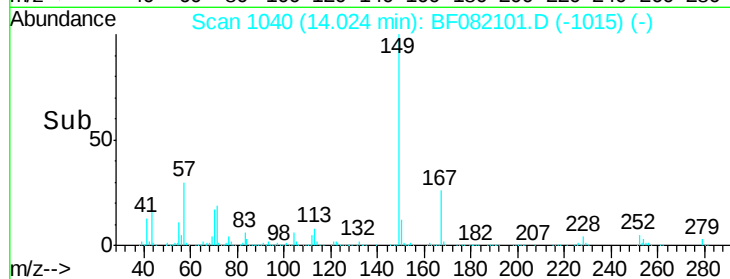
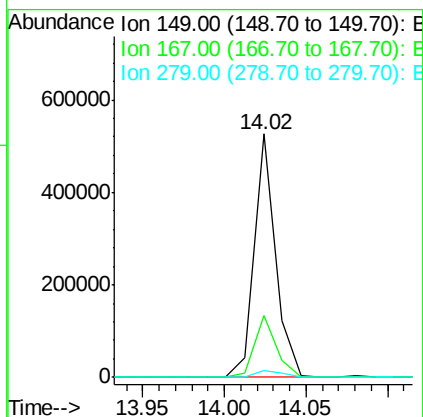
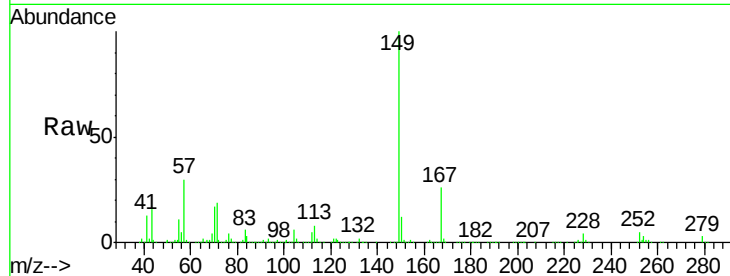




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.95 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

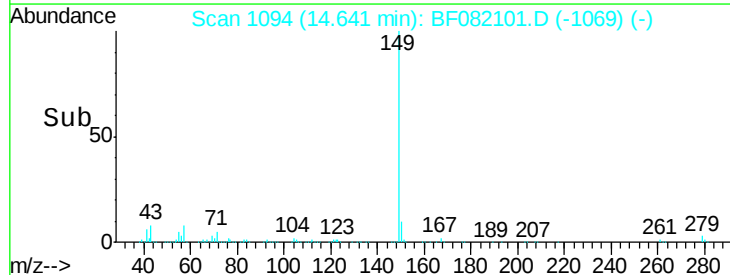
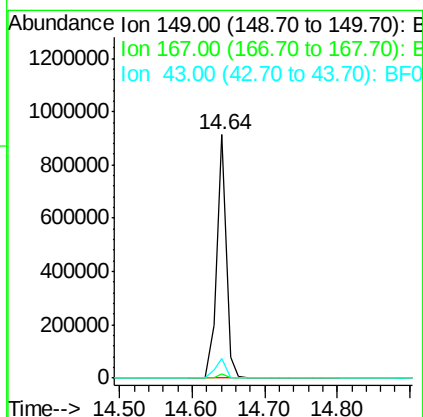
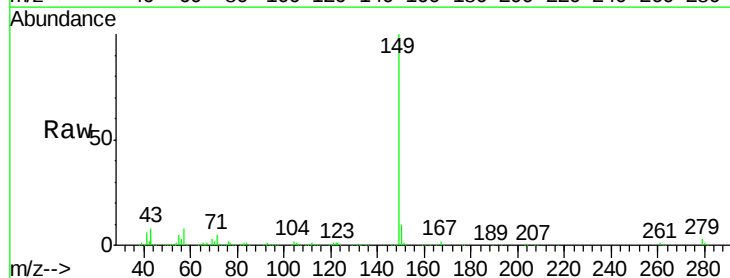
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 478971
 Ion Ratio Lower Upper
 149 100
 167 25.6 24.2 36.2
 279 2.6 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 48.85 ng
 RT: 14.64 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Tgt Ion:149 Resp: 828665
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 9.0 10.2 15.2#

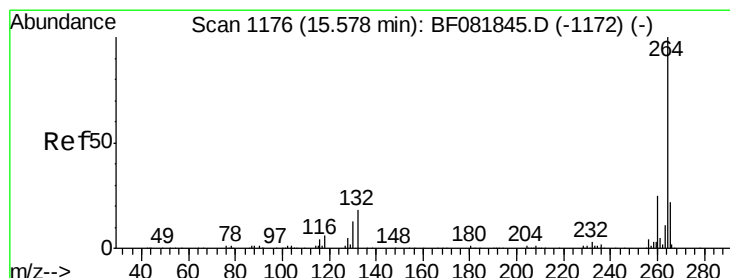
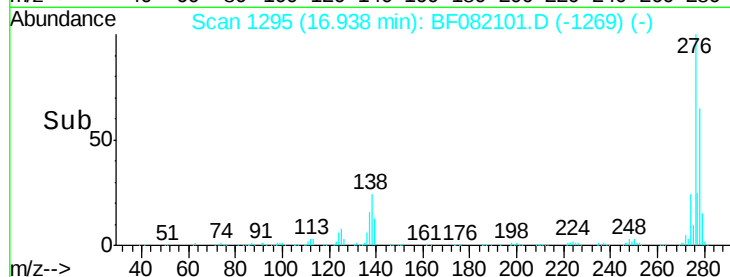
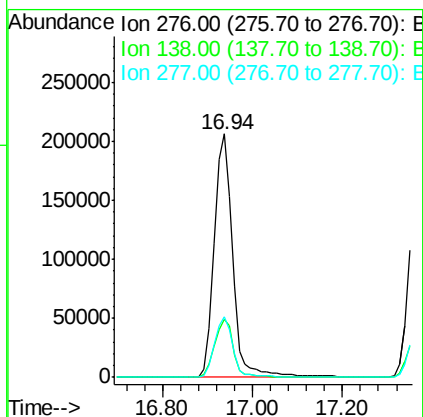
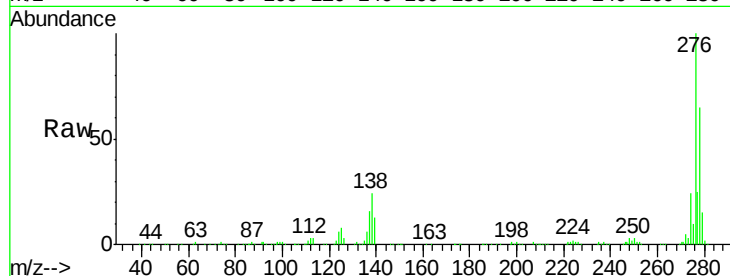




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.24 ng
 RT: 16.94 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

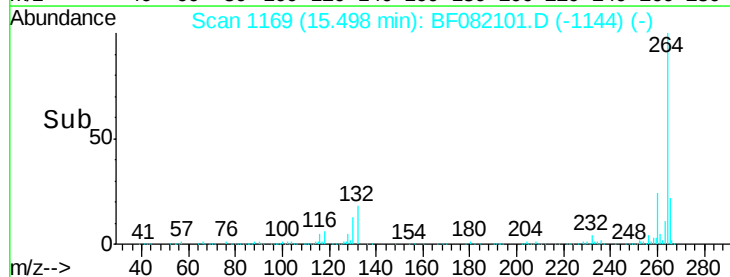
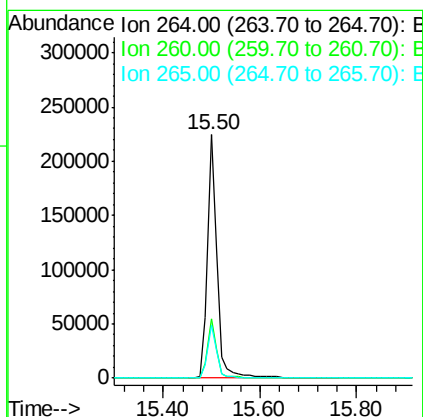
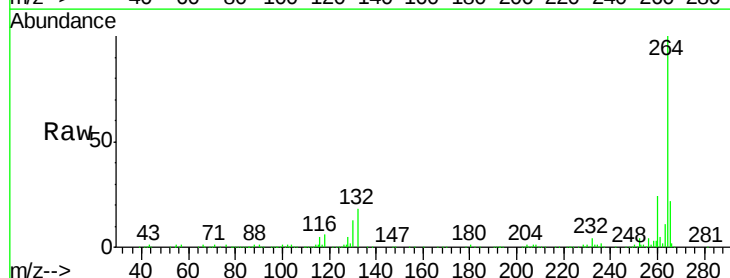
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

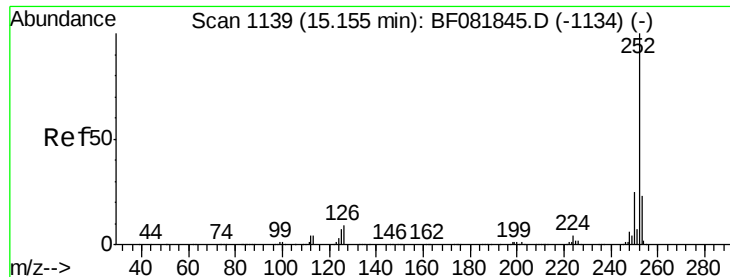
Tot Ion:276 Resp: 595365
 Ion Ratio Lower Upper
 276 100
 138 24.8 25.7 38.5#
 277 24.9 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF082101.D
 Acq: 7 Oct 2015 11:57

Tgt Ion:264 Resp: 311601
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 21.9 17.2 25.8

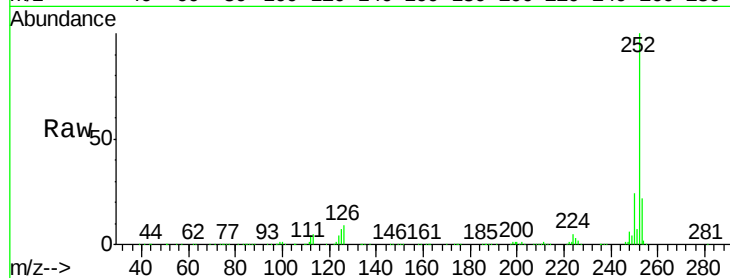




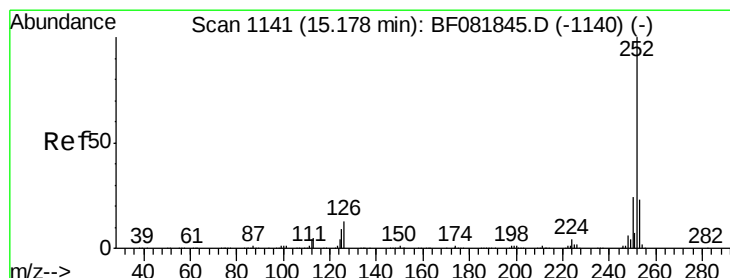
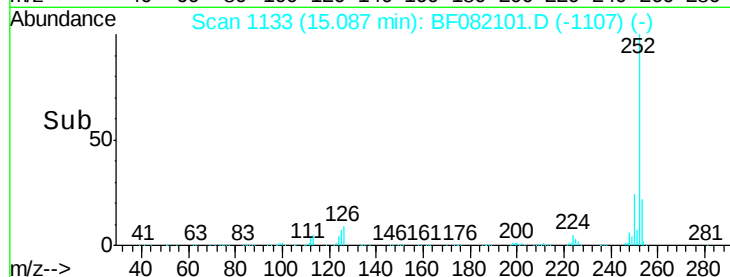
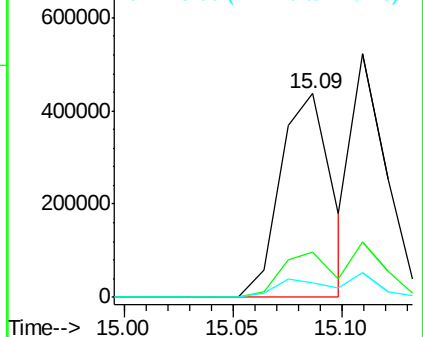
#87
Benzo(b)fluoranthene
Concen: 40.24 ng
RT: 15.09 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 715802
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 7.2 17.1 25.7#

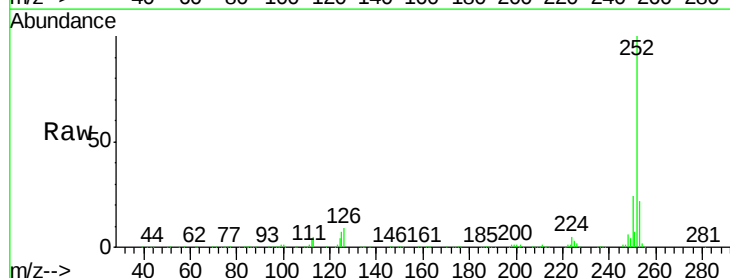


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

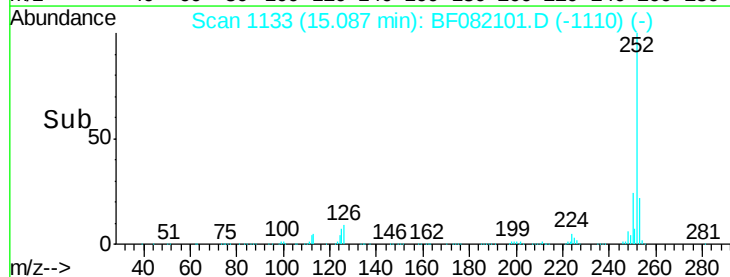
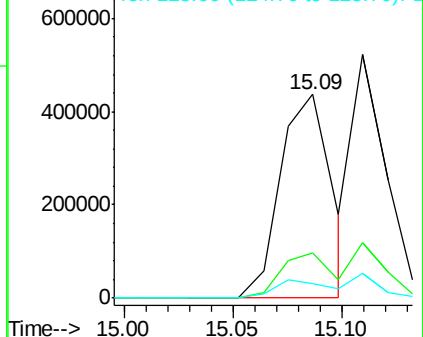


#88
Benzo(k)fluoranthene
Concen: 43.90 ng
RT: 15.09 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion:252 Resp: 715802
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 7.2 16.0 24.0#



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

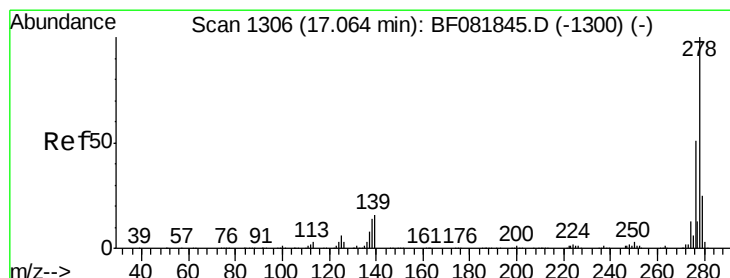
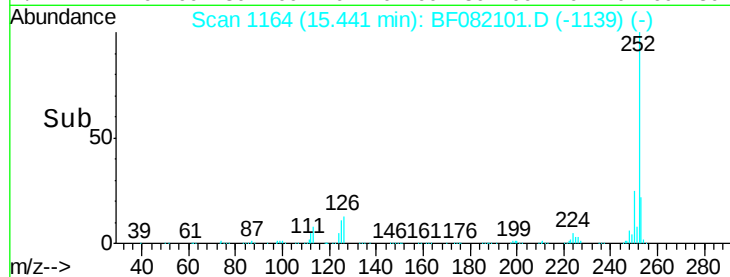
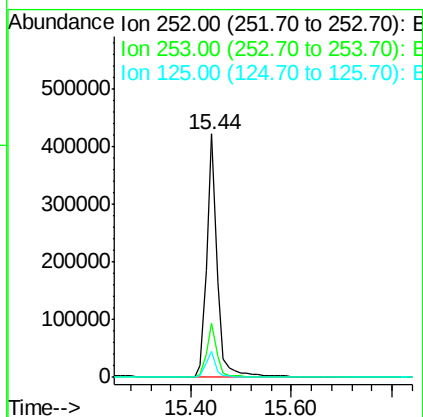
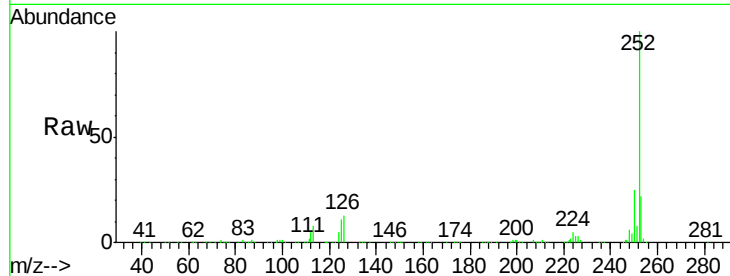




#89
Benzo(a)pyrene
Concen: 39.20 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

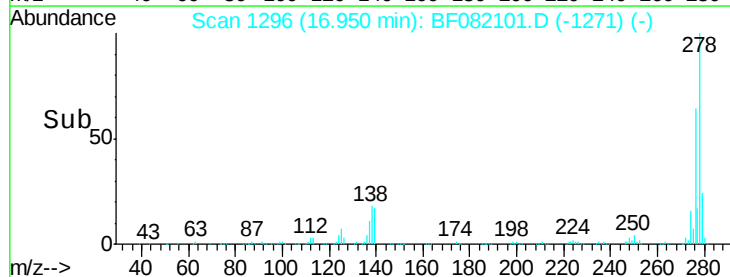
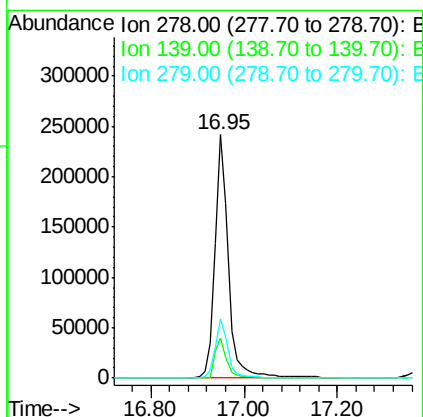
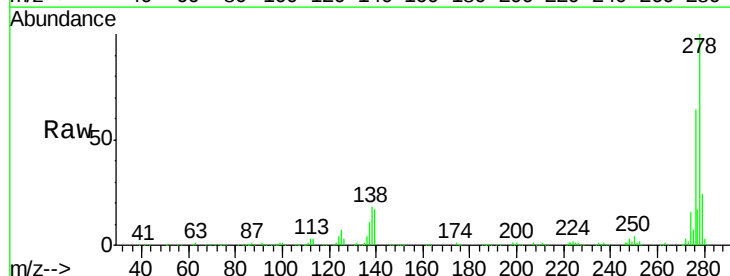
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 604923
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 10.7 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 37.80 ng
RT: 16.95 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF082101.D
Acq: 7 Oct 2015 11:57

Tgt Ion:278 Resp: 489364
Ion Ratio Lower Upper
278 100
139 16.6 26.3 39.5#
279 24.3 18.2 27.4





#91

Benzo(a,h,i)perylene

Concen: 35.84 ng

RT: 17.37 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF082101.D

Acq: 7 Oct 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

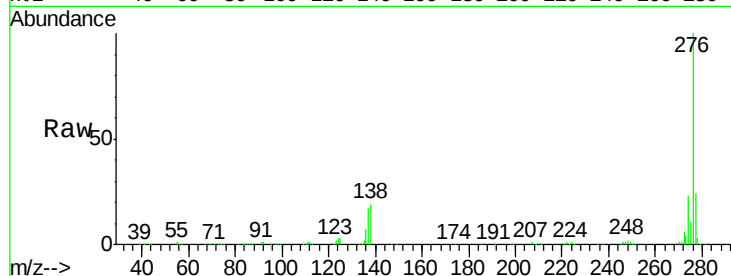
Tot Ion:276 Resp: 475574

Ion Ratio Lower Upper

276 100

277 23.7 17.8 26.6

138 19.0 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

