

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082128.D
 Acq On : 8 Oct 2015 15:33
 Operator : UM/IZ
 Sample : G3920-03MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

Quant Time: Oct 09 05:07:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	85043	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	334335	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	173882	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	335779	20.00	ng	0.00
75) Chrysene-d12	14.04	240	313002	20.00	ng	-0.01
86) Perylene-d12	15.48	264	249780	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	588720	125.67	ng	0.02
7) Phenol-d6	6.50	99	700479	118.83	ng	0.01
23) Nitrobenzene-d5	7.44	82	525229	104.72	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	224923	127.72	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1035476	104.16	ng	0.00
78) Terphenyl-d14	12.98	244	1138160	143.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	78205	38.39	ng	# 74
3) Pyridine	3.33	79	95253	17.96	ng	87
4) n-Nitrosodimethylamine	3.26	42	84733	35.17	ng	96
6) Aniline	6.54	93	55775	7.04	ng	# 78
8) 2-Chlorophenol	6.65	128	238293	46.06	ng	98
9) Benzaldehyde	6.41	77	39799	10.31	ng	# 80
10) Phenol	6.51	94	271475	41.05	ng	74
11) bis(2-Chloroethyl)ether	6.61	93	249654	48.68	ng	94
12) 1,3-Dichlorobenzene	7.04	146	239495	39.19	ng	98
13) 1,4-Dichlorobenzene	7.04	146	244219	38.27	ng	97
14) 1,2-Dichlorobenzene	7.04	146	251708	44.27	ng	99
15) Benzyl Alcohol	7.01	79	177980	41.83	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.14	45	334051	46.08	ng	81
17) 2-Methylphenol	7.12	107	183252	43.69	ng	# 84
18) Hexachloroethane	7.37	117	94668	47.39	ng	# 86
19) n-Nitroso-di-n-propylamine	7.28	70	156115	43.57	ng	# 77
20) 3+4-Methylphenols	7.28	107	224431	42.36	ng	# 54
22) Acetophenone	7.28	105	329769	48.24	ng	# 79
24) Nitrobenzene	7.45	77	236529	43.43	ng	# 68
25) Isophorone	7.69	82	468477	47.13	ng	# 92
26) 2-Nitrophenol	7.77	139	136447	52.19	ng	# 80
27) 2,4-Dimethylphenol	7.81	122	212623	46.23	ng	# 79
28) bis(2-Chloroethoxy)methane	7.91	93	281337	47.66	ng	# 95
29) 2,4-Dichlorophenol	8.01	162	231735	51.97	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	229350	46.07	ng	98
31) Naphthalene	8.17	128	680246	45.92	ng	97
32) Benzoic acid	7.93	122	118716	43.90	ng	# 69
33) 4-Chloroaniline	8.24	127	21202	3.31	ng	# 90
34) Hexachlorobutadiene	8.29	225	145810	49.52	ng	98
35) Caprolactam	8.59	113	27782	22.50	ng	# 82
36) 4-Chloro-3-methylphenol	8.71	107	209643	48.08	ng	84
37) 2-Methylnaphthalene	8.87	142	502897	49.73	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	233399	43.72	ng	99
40) Hexachlorocyclopentadiene	9.02	237	247714	90.11	ng	97

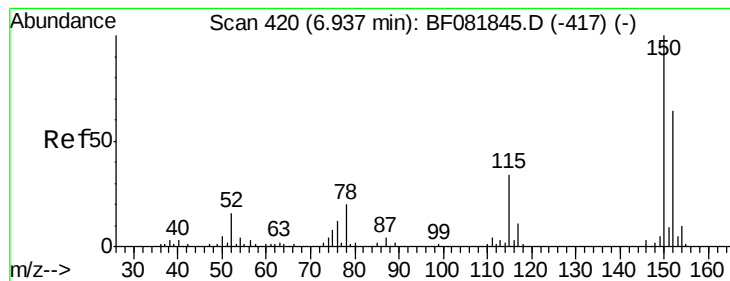
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	155149	42.39	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	177117	47.06	nq	97
45) 1,1'-Biphenyl	9.33	154	574818	42.85	nq	94
46) 2-Chloronaphthalene	9.36	162	475829	45.18	nq	98
47) 2-Nitroaniline	9.45	65	124984	40.42	nq	# 70
48) Acenaphthylene	9.77	152	755189	44.80	nq	96
49) Dimethylphthalate	9.63	163	567038	47.24	nq	# 98
50) 2,6-Dinitrotoluene	9.70	165	129024	49.51	nq	93
51) Acenaphthene	9.94	154	450834	45.03	nq	90
52) 3-Nitroaniline	9.87	138	25524	8.47	nq	# 75
53) 2,4-Dinitrophenol	9.98	184	129216	92.05	nq	# 73
54) Dibenzofuran	10.11	168	645234	45.61	nq	# 88
55) 4-Nitrophenol	10.03	139	159812	73.37	nq	# 54
56) 2,4-Dinitrotoluene	10.10	165	164607	49.55	nq	# 83
57) Fluorene	10.46	166	513666	51.05	nq	91
58) 2,3,4,6-Tetrachlorophenol	10.23	232	141396	47.36	nq	96
59) Diethylphthalate	10.33	149	526950	47.00	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	231577	44.71	nq	# 81
61) 4-Nitroaniline	10.49	138	112536	37.23	nq	# 66
62) Azobenzene	10.61	77	508863	46.51	nq	90
64) 4,6-Dinitro-2-methylphenol	10.51	198	83026	53.14	nq	# 60
65) n-Nitrosodiphenylamine	10.57	169	443092	43.61	nq	91
66) 4-Bromophenyl-phenylether	10.94	248	160736	47.48	nq	95
67) Hexachlorobenzene	11.01	284	170067	44.51	nq	# 75
68) Atrazine	11.10	200	114319	36.27	nq	84
69) Pentachlorophenol	11.20	266	197341	90.64	nq	98
70) Phenanthrene	11.42	178	752868	46.65	nq	96
71) Anthracene	11.47	178	847492	49.66	nq	98
72) Carbazole	11.62	167	675045	43.70	nq	94
73) Di-n-butylphthalate	11.96	149	880973	56.34	nq	# 98
74) Fluoranthene	12.61	202	837304	46.55	nq	90
76) Benzidine	12.74	184	28615	3.03	nq	# 96
77) Pyrene	12.84	202	828877	44.33	nq	95
79) Butylbenzylphthalate	13.45	149	366642	52.11	nq	# 87
80) Benzo(a)anthracene	14.02	228	764092	45.33	nq	95
81) 3,3'-Dichlorobenzidine	13.99	252	66354	11.66	nq	# 94
82) Chrysene	14.06	228	742648	Below	Cal	93
83) Bis(2-ethylhexyl)phthalate	14.01	149	549998	62.31	nq	# 94
84) Di-n-octyl phthalate	14.63	149	895061	62.31	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.90	276	617489	46.83	nq	# 87
87) Benzo(b)fluoranthene	15.06	252	694759	48.72	nq	# 86
88) Benzo(k)fluoranthene	15.06	252	694759	53.15	nq	# 87
89) Benzo(a)pyrene	15.42	252	629295	50.87	nq	# 87
90) Dibenzo(a,h)anthracene	16.92	278	518665	49.97	nq	# 82
91) Benzo(g,h,i)perylene	17.34	276	504160	47.40	nq	# 74

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

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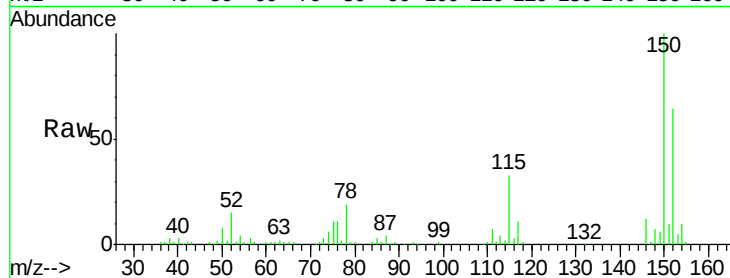
Tot Ion:152 Resp: 85043

Ion Ratio Lower Upper

152 100

150 156.7 124.7 187.1

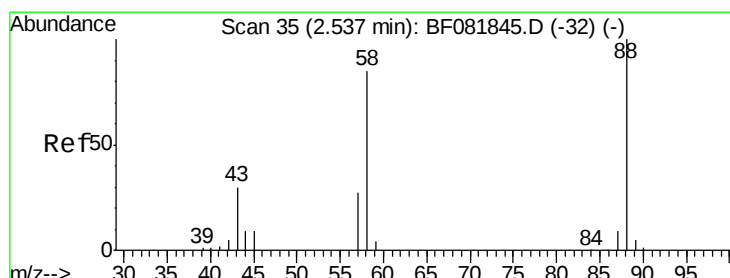
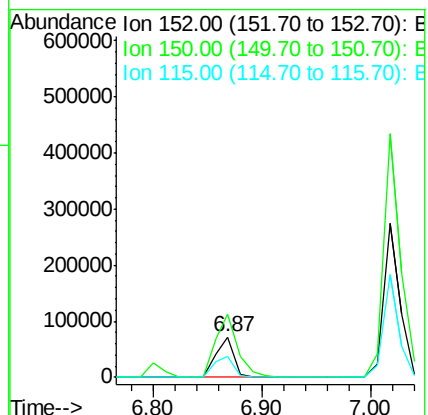
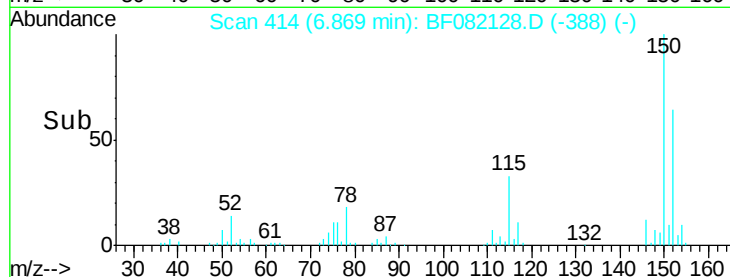
115 51.0 39.0 58.4



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: 38.39 ng

RT: 2.62 min Scan# 42

Delta R.T. 0.19 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

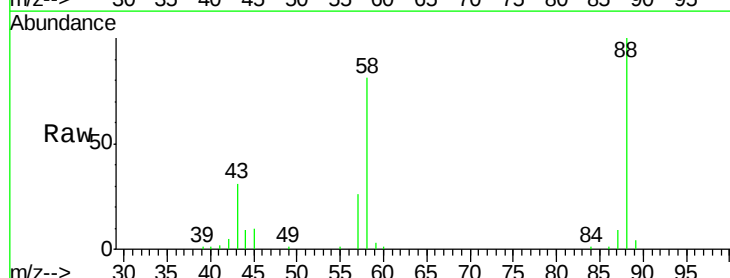
Tgt Ion: 88 Resp: 78205

Ion Ratio Lower Upper

88 100

58 82.6 77.7 116.5

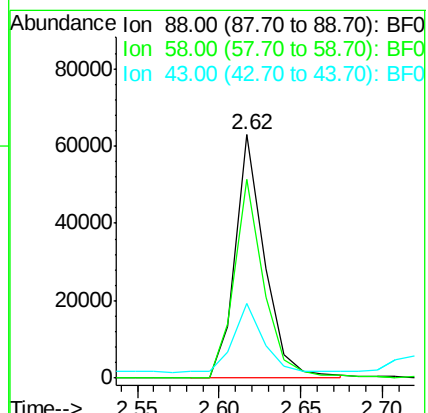
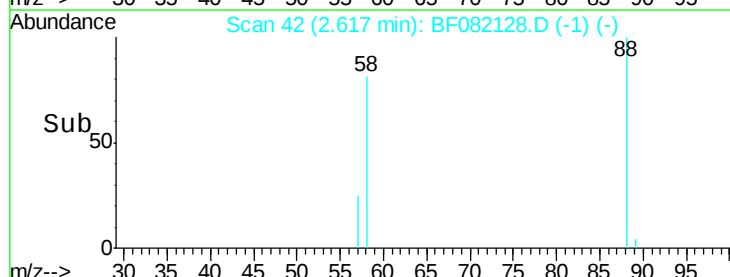
43 0.0 26.6 40.0#

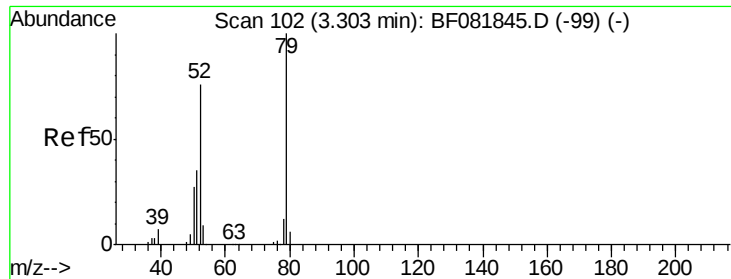


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 17.96 ng

RT: 3.33 min Scan# 104

Delta R.T. 0.17 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

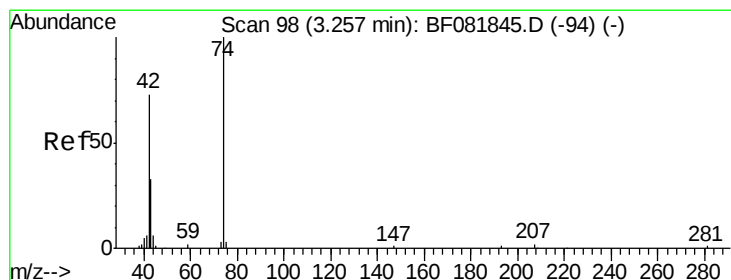
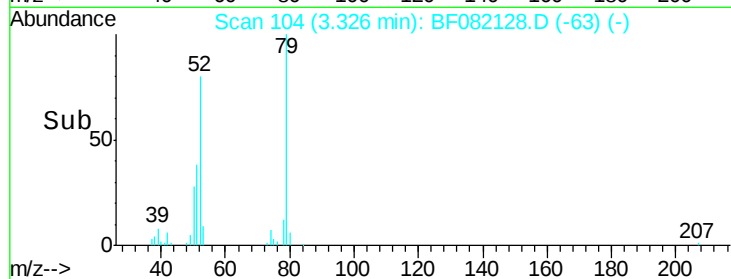
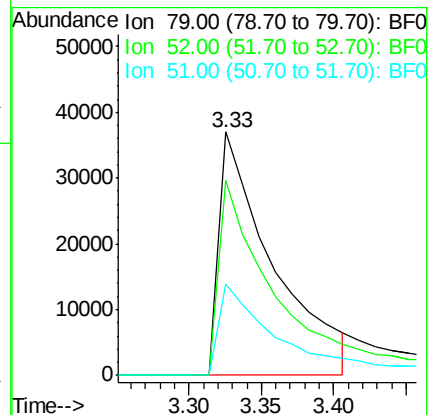
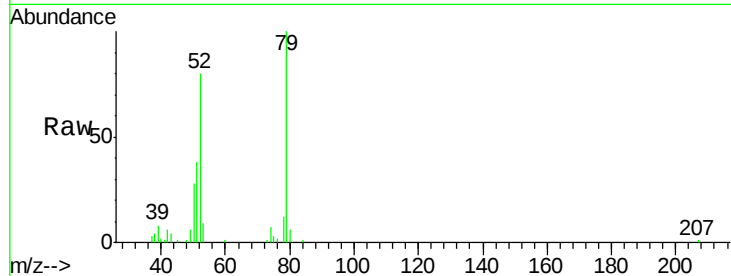
Tot Ion: 79 Resp: 95253

Ion Ratio Lower Upper

79 100

52 79.9 76.8 115.2

51 37.6 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 35.17 ng

RT: 3.26 min Scan# 98

Delta R.T. 0.14 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

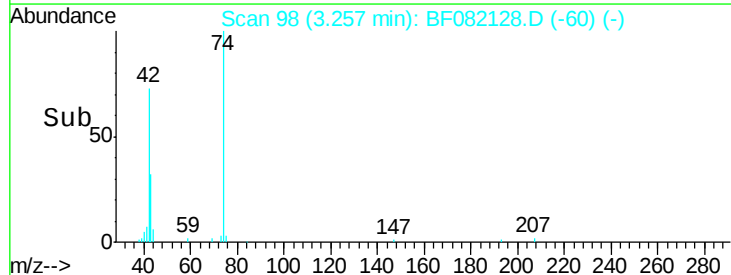
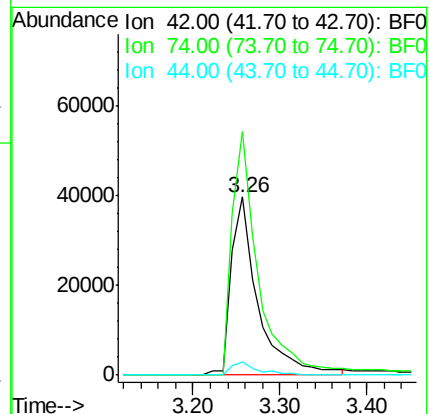
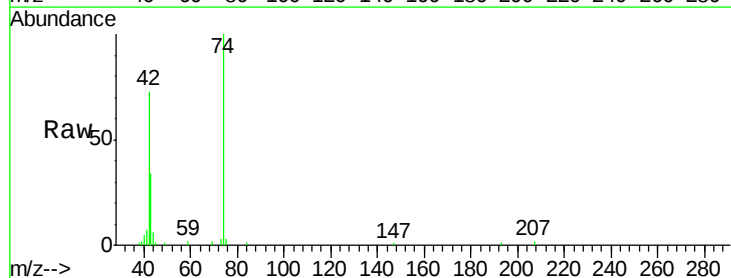
Tgt Ion: 42 Resp: 84733

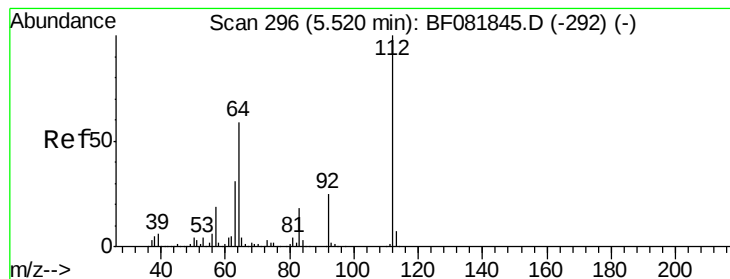
Ion Ratio Lower Upper

42 100

74 136.6 105.0 157.6

44 7.7 6.6 10.0

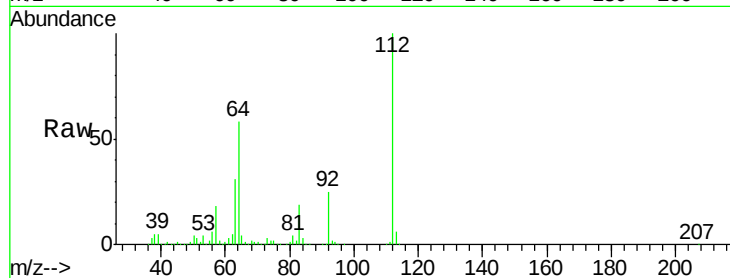




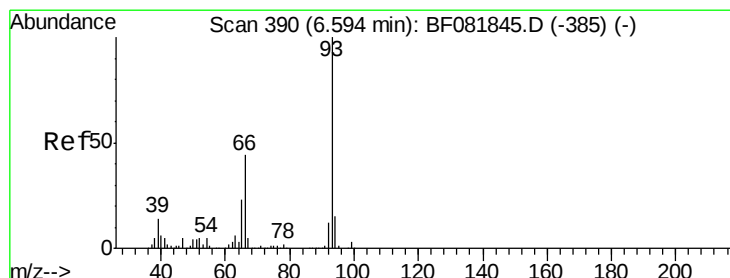
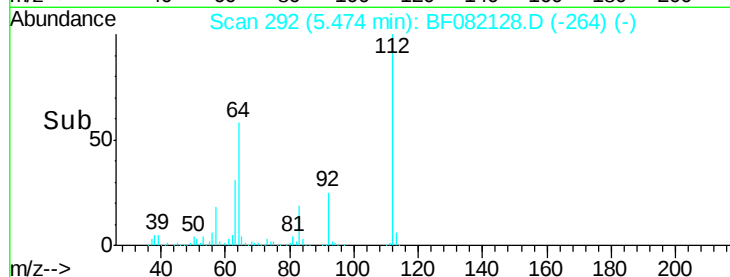
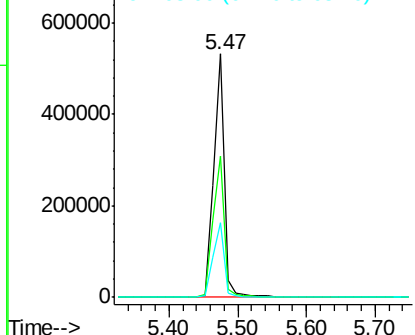
#5
 2-Fluorophenol
 Concen: 125.67 ng
 RT: 5.47 min Scan# 292
 Delta R.T. 0.02 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

Tot Ion:112 Resp: 588720
 Ion Ratio Lower Upper
 112 100
 64 58.2 39.7 59.5
 63 30.5 17.4 26.0#

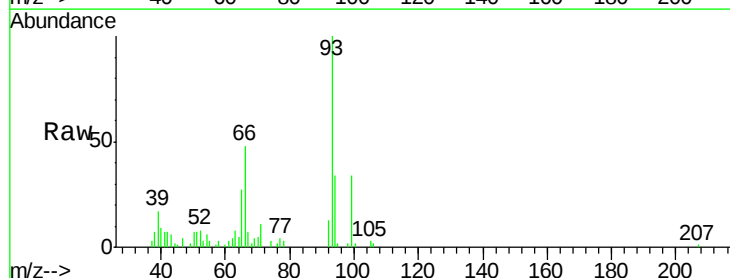


Abundance Ion 112.00 (111.70 to 112.70): B
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

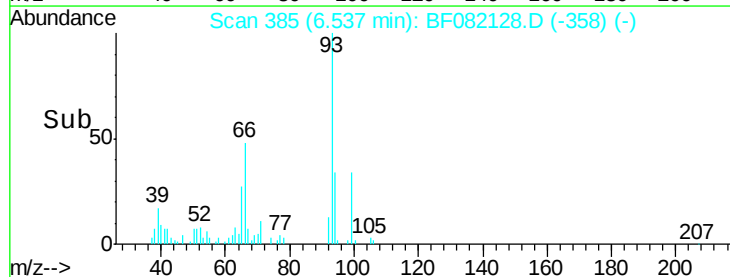
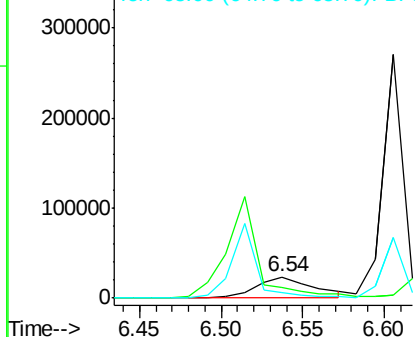


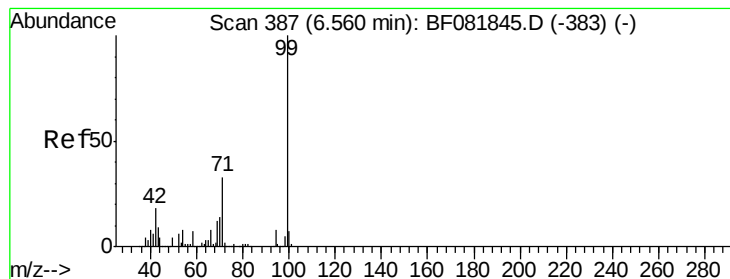
#6
 Aniline
 Concen: 7.04 ng
 RT: 6.54 min Scan# 385
 Delta R.T. 0.01 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Tgt Ion: 93 Resp: 55775
 Ion Ratio Lower Upper
 93 100
 66 47.7 27.2 40.8#
 65 26.9 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: 118.83 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

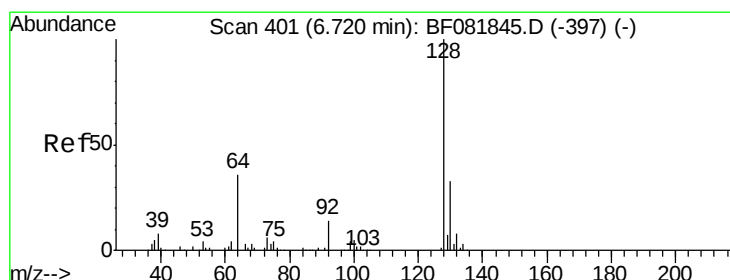
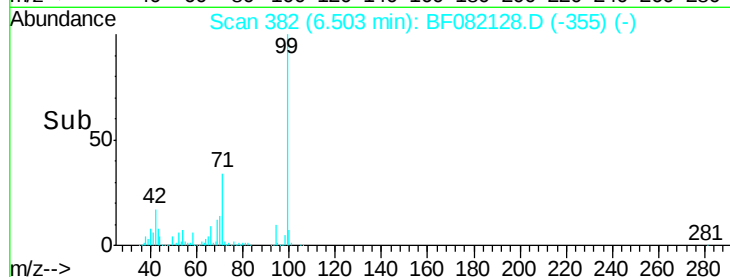
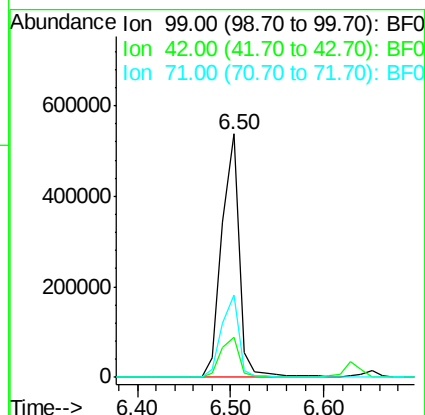
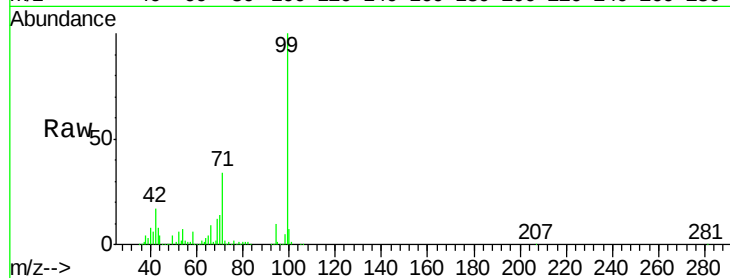
Tot Ion: 99 Resp: 700479

Ion Ratio Lower Upper

99 100

42 16.7 13.7 20.5

71 33.6 14.2 21.2#



#8

2-Chlorophenol

Concen: 46.06 ng

RT: 6.65 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

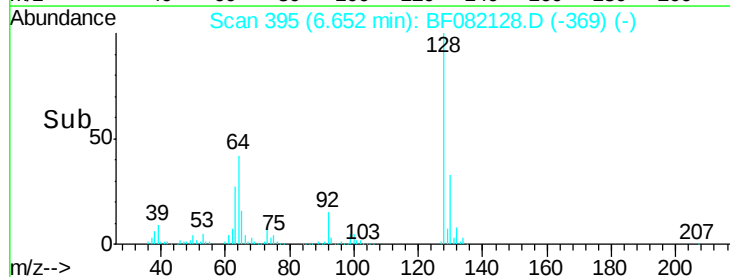
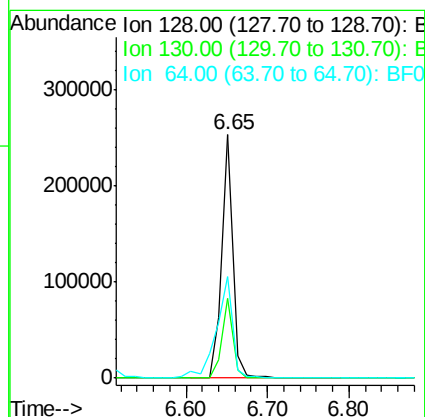
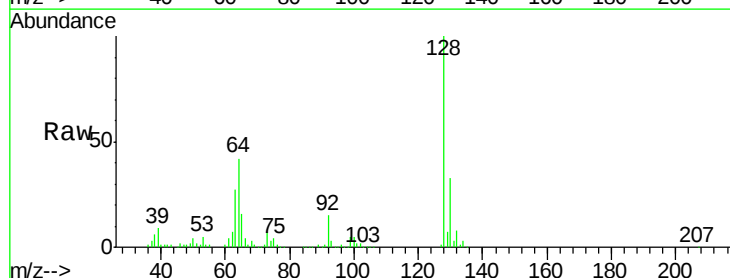
Tgt Ion:128 Resp: 238293

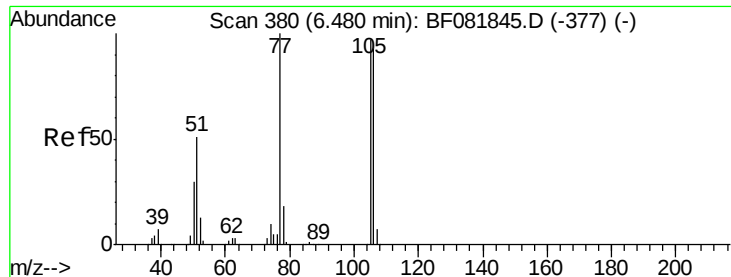
Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

64 41.6 20.5 60.5





#9

Benzaldehyde

Concen: 10.31 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

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WC100515MSD

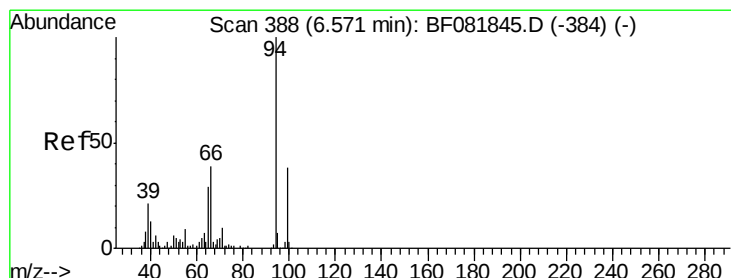
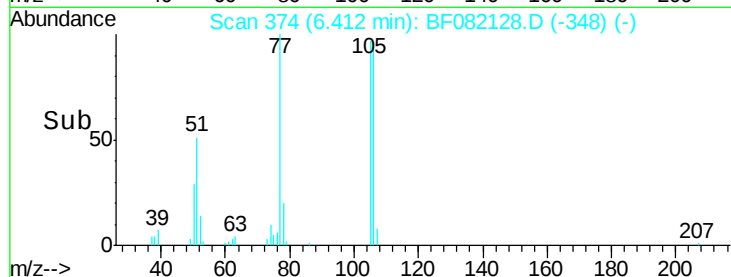
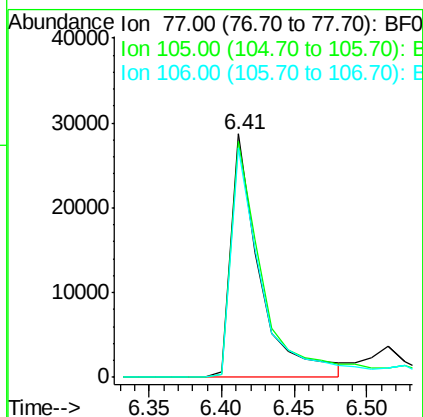
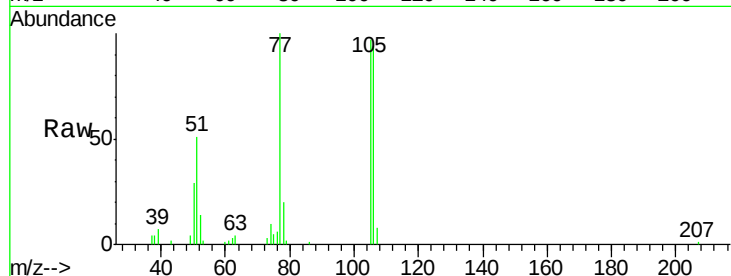
Tot Ion: 77 Resp: 39799

Ion Ratio Lower Upper

77 100

105 96.9 91.6 131.6

106 94.4 102.6 142.6#



#10

Phenol

Concen: 41.05 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

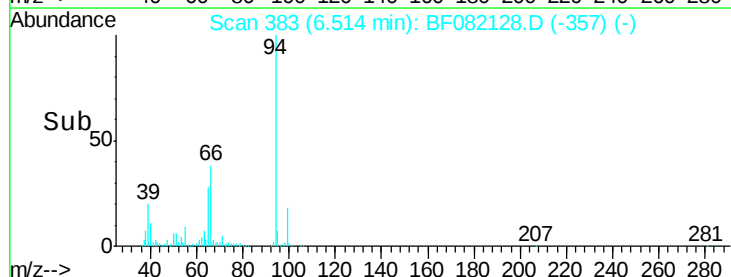
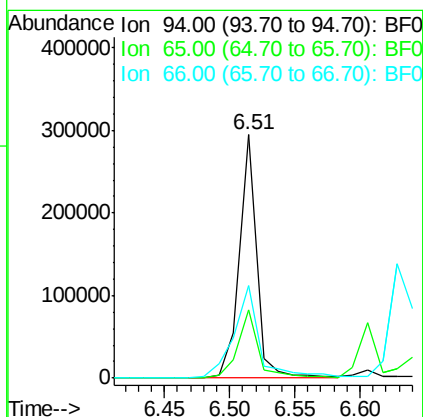
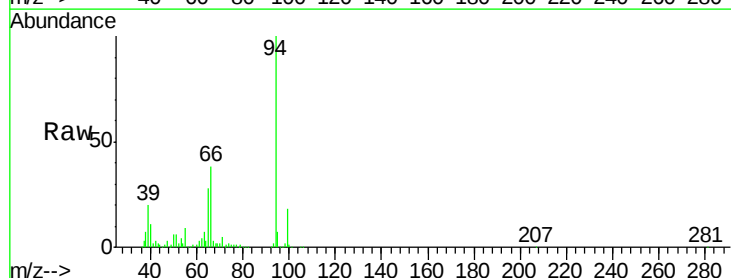
Tgt Ion: 94 Resp: 271475

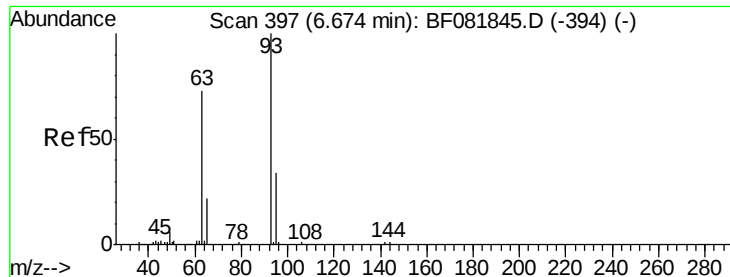
Ion Ratio Lower Upper

94 100

65 28.0 0.7 40.7

66 38.2 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 48.68 ng

RT: 6.61 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

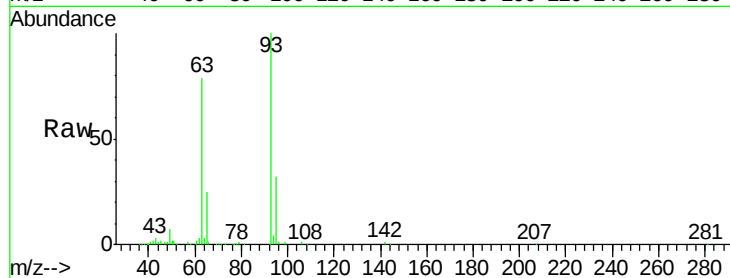
Tot Ion: 93 Resp: 249654

Ion Ratio Lower Upper

93 100

63 78.9 65.6 105.6

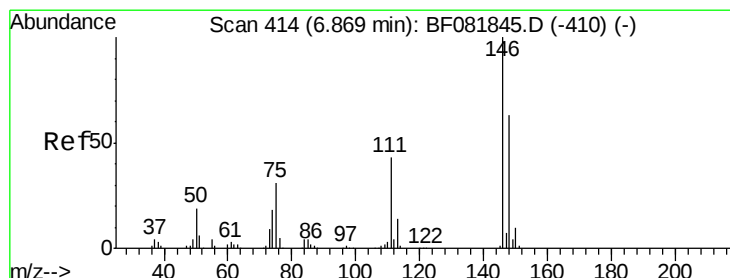
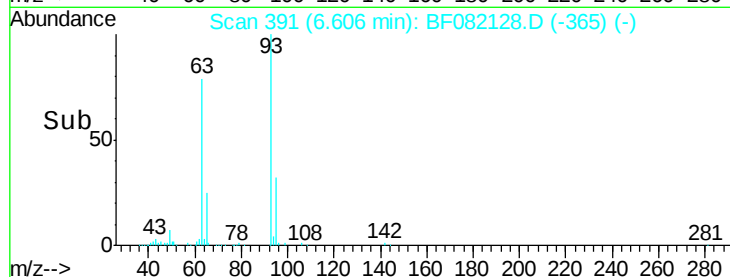
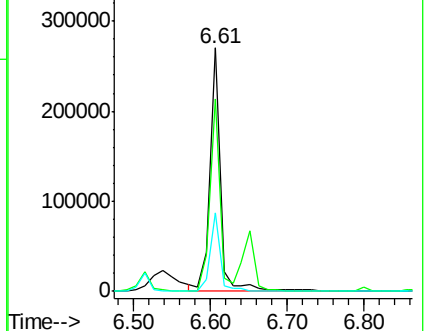
95 32.4 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.19 ng

RT: 7.04 min Scan# 429

Delta R.T. 0.24 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

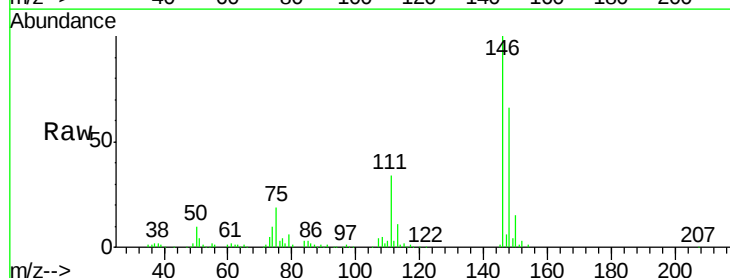
Tgt Ion: 146 Resp: 239495

Ion Ratio Lower Upper

146 100

148 65.8 51.0 76.4

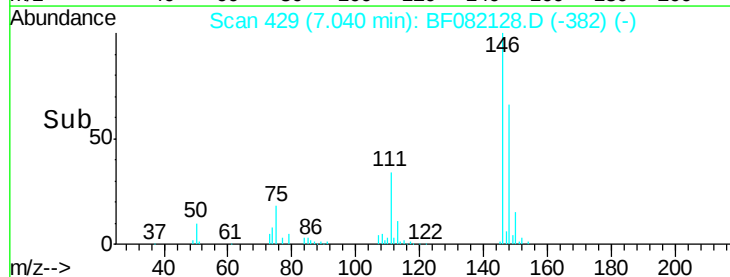
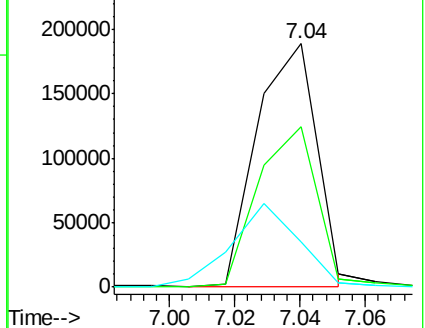
75 18.7 15.0 22.6

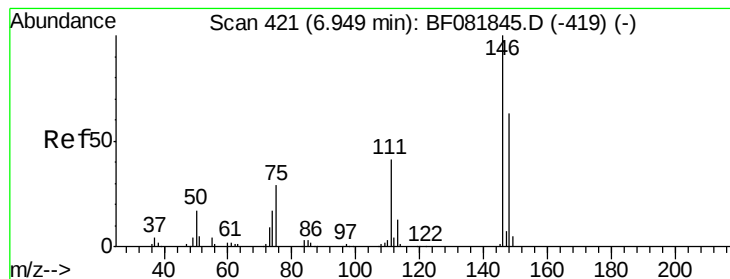


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.27 ng

RT: 7.04 min Scan# 429

Delta R.T. 0.16 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

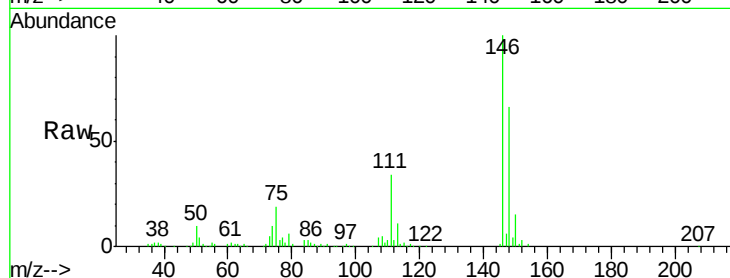
Tot Ion:146 Resp: 244219

Ion Ratio Lower Upper

146 100

148 65.8 51.8 77.6

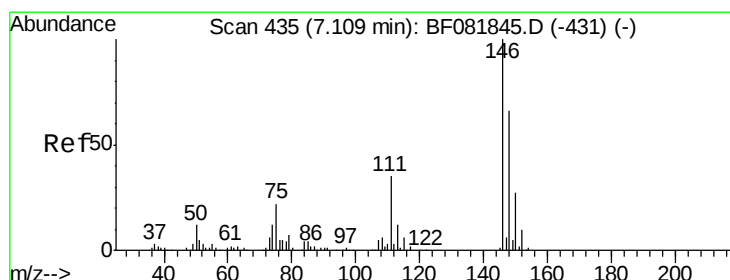
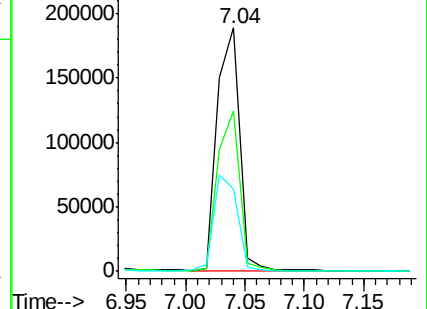
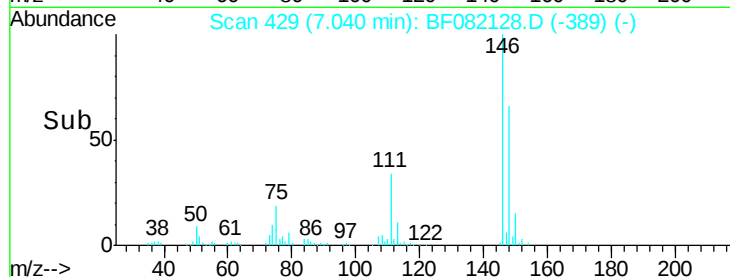
111 34.0 24.9 37.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.27 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

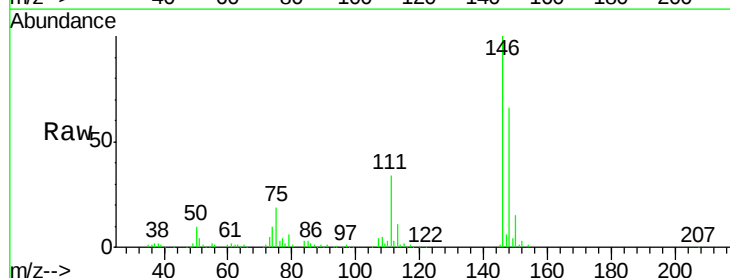
Tgt Ion:146 Resp: 251708

Ion Ratio Lower Upper

146 100

148 65.8 52.7 79.1

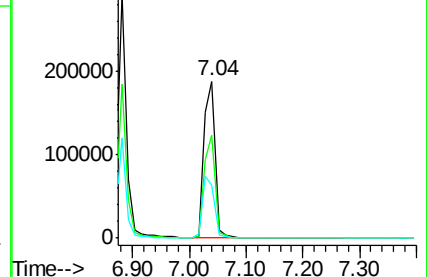
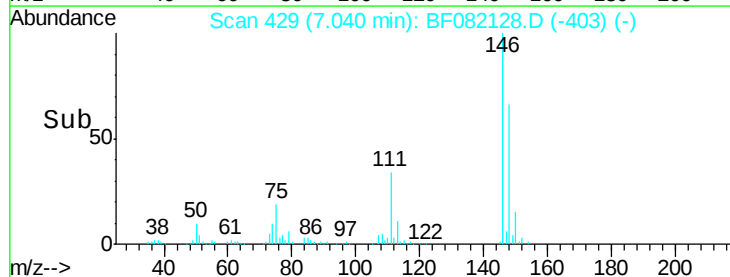
111 34.0 28.8 43.2

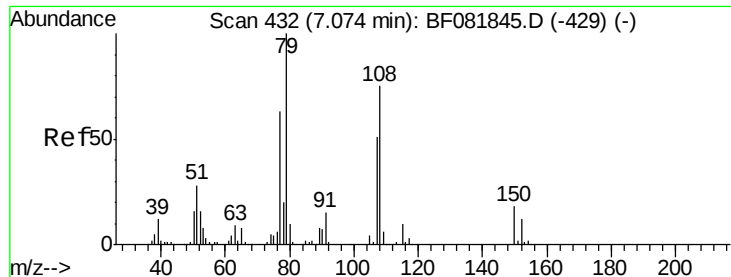


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.83 ng

RT: 7.01 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

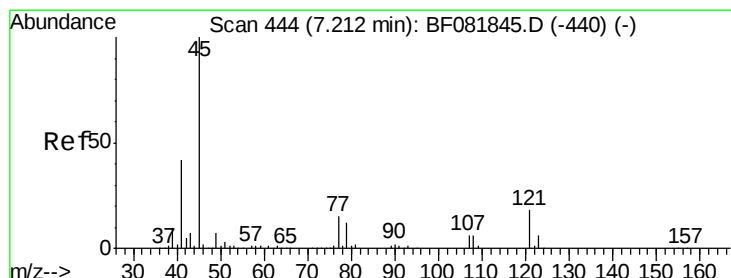
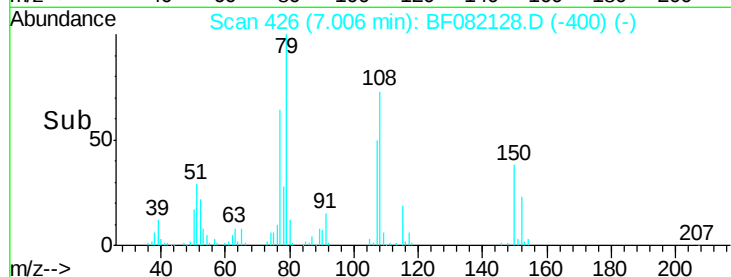
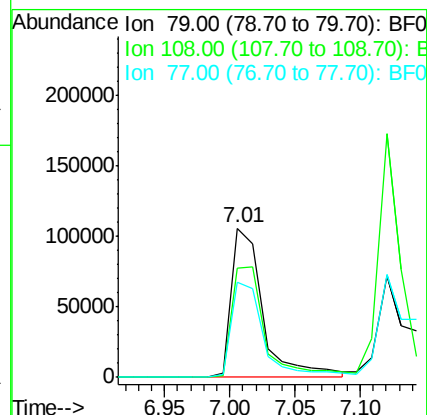
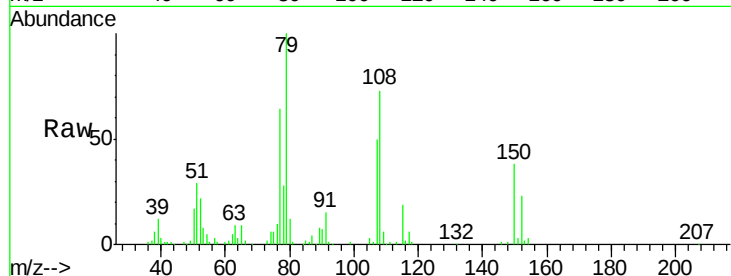
Tot Ion: 79 Resp: 177980

Ion Ratio Lower Upper

79 100

108 72.9 88.6 132.8#

77 63.7 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.08 ng

RT: 7.14 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

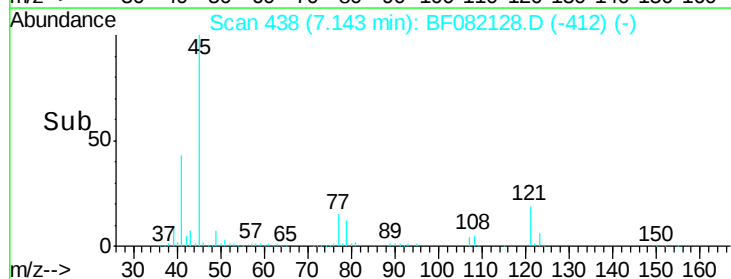
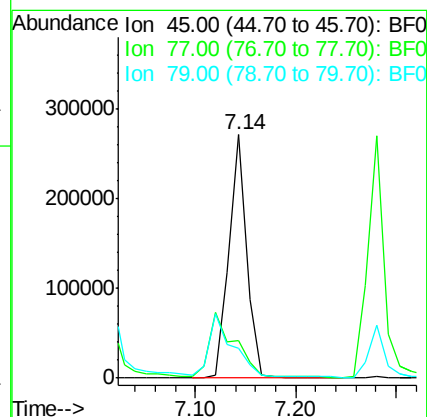
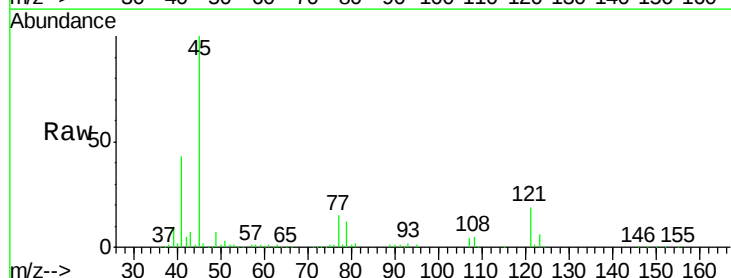
Tgt Ion: 45 Resp: 334051

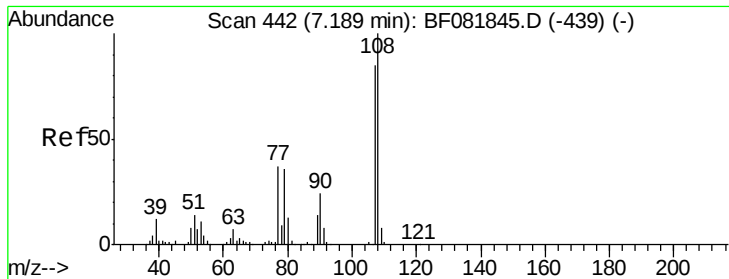
Ion Ratio Lower Upper

45 100

77 15.2 0.0 28.1

79 12.2 0.0 26.0





#17

2-Methylphenol

Concen: 43.69 ng

RT: 7.12 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

Tot Ion:107 Resp: 183252

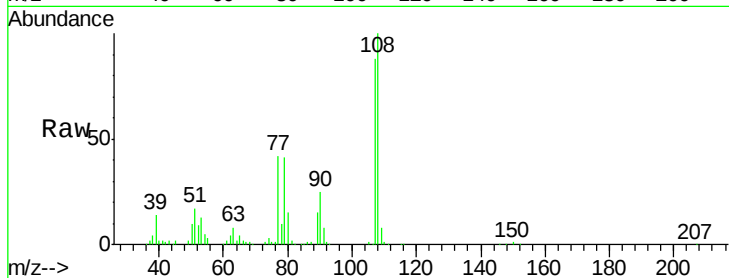
Ion Ratio Lower Upper

107 100

108 113.8 96.6 145.0

77 48.1 23.3 34.9#

79 47.2 22.0 33.0#



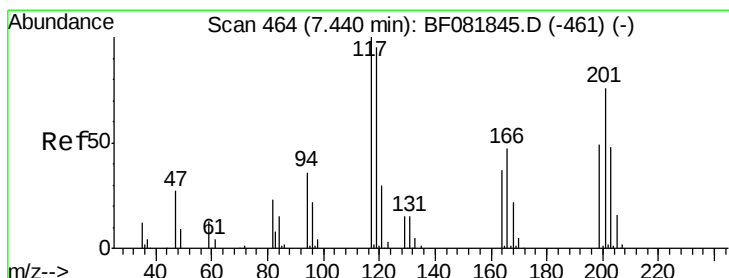
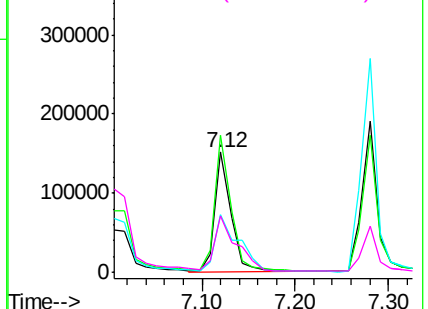
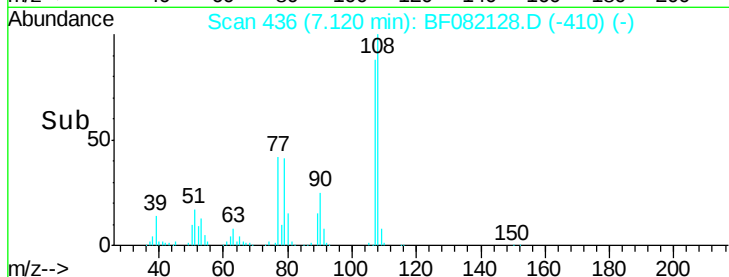
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 47.39 ng

RT: 7.37 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

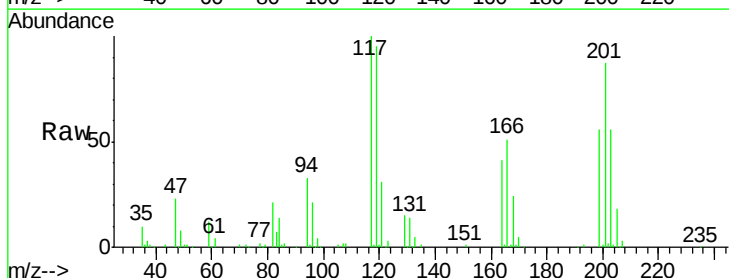
Tgt Ion:117 Resp: 94668

Ion Ratio Lower Upper

117 100

119 95.3 83.8 125.6

201 87.2 55.1 82.7#

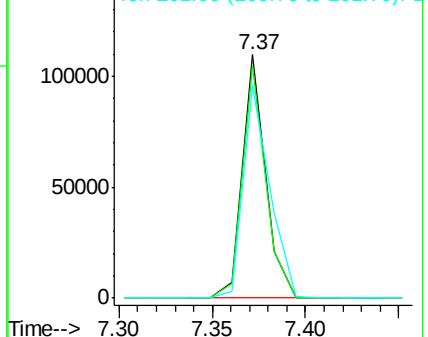
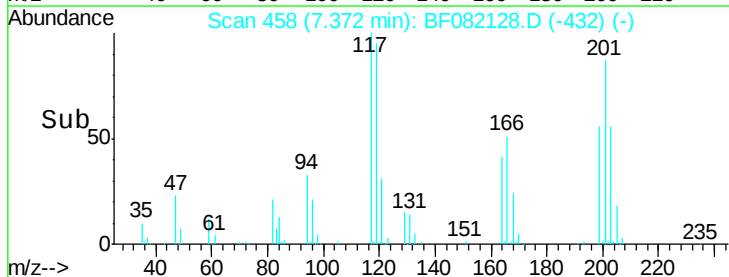


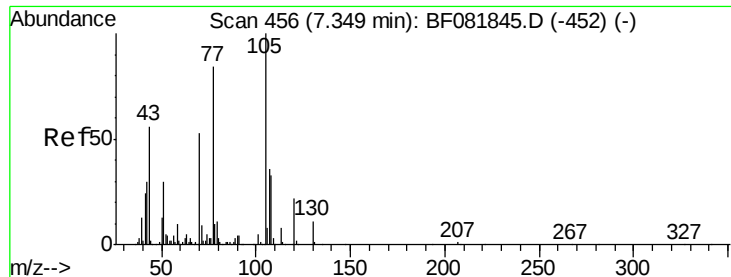
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

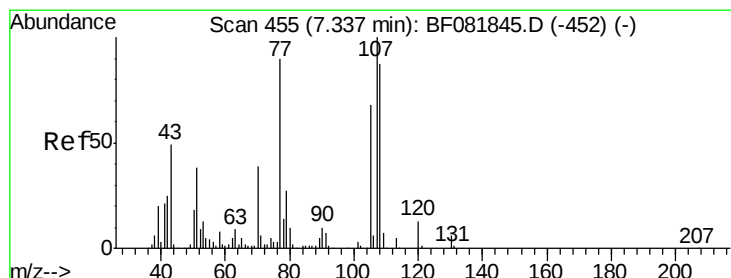
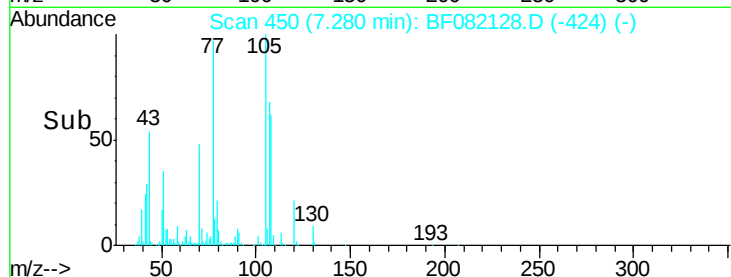
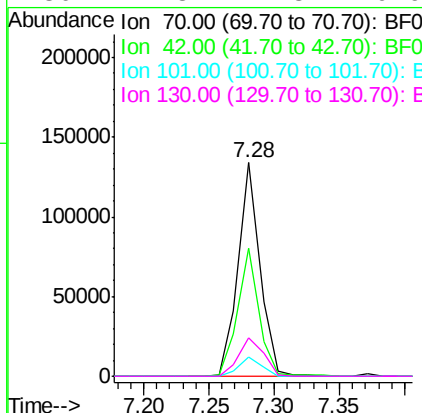
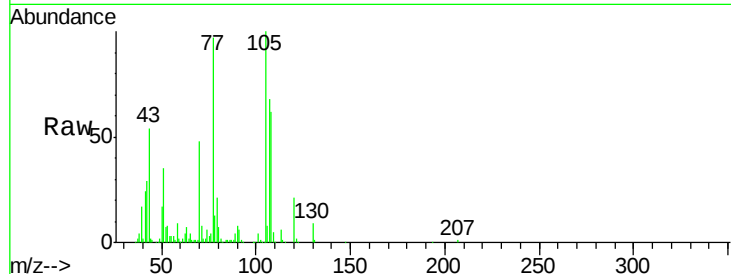




#19
n-Nitroso-di-n-propylamine
Concen: 43.57 ng
RT: 7.28 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

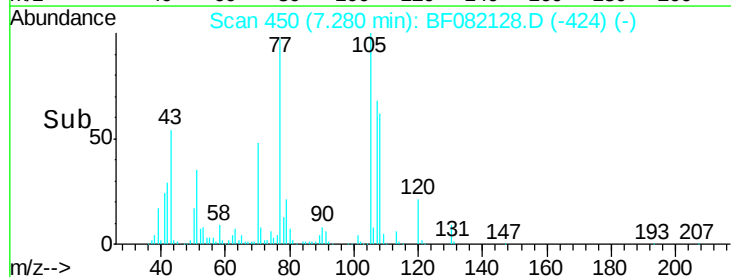
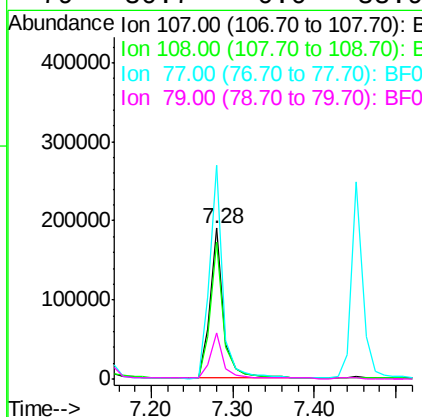
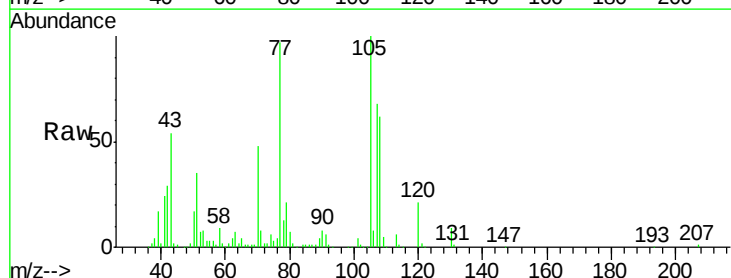
Instrument :
BNA_F
ClientSampleId :
WC100515MSD

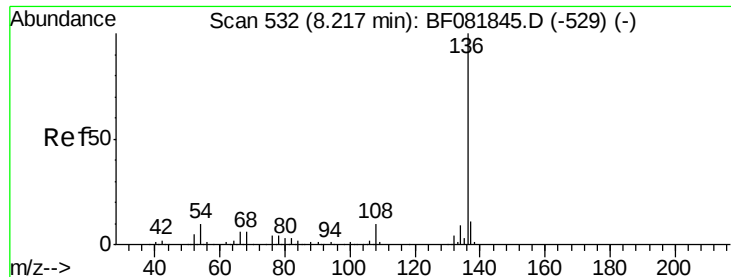
Tot Ion: 70 Resp: 156115
Ion Ratio Lower Upper
70 100
42 60.0 63.8 95.6#
101 9.0 9.2 13.8#
130 17.8 27.3 40.9#



#20
3+4-Methylphenols
Concen: 42.36 ng
RT: 7.28 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Tgt Ion: 107 Resp: 224431
Ion Ratio Lower Upper
107 100
108 91.3 74.6 114.6
77 141.8 0.7 40.7#
79 30.7 0.0 38.9

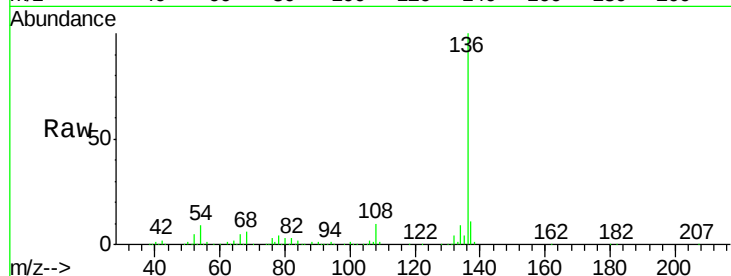




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Instrument :
BNA_F
ClientSampleId :
WC100515MSD

Tot Ion:136	Resp:	334335
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	8.6	8.2 12.2
68	5.5	5.8 8.6#



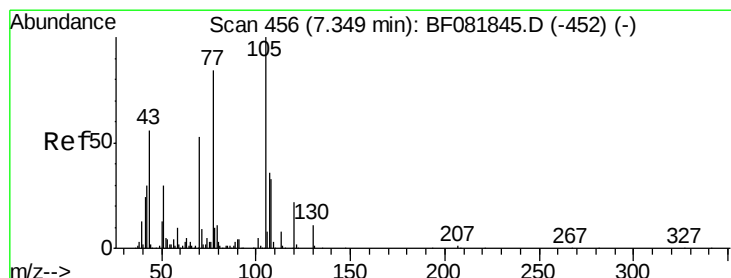
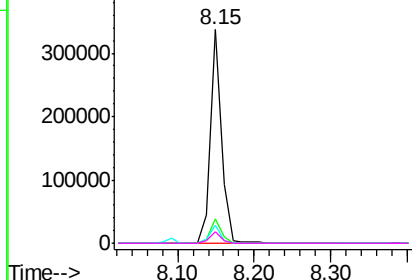
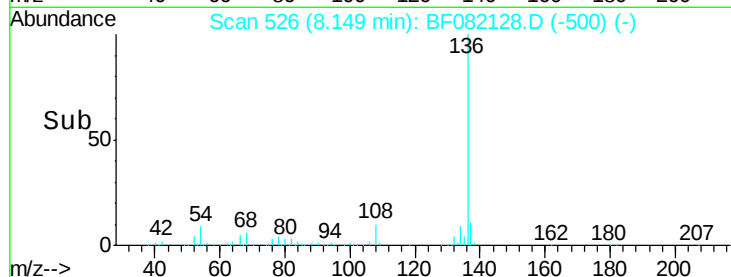
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

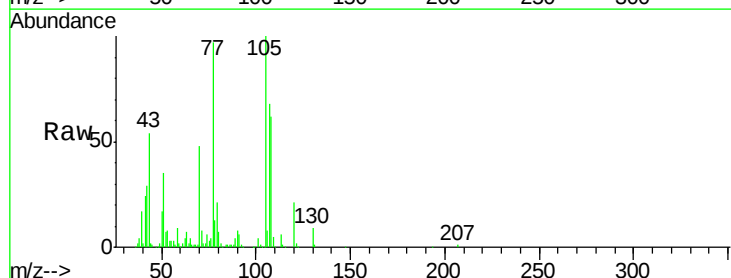
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 48.24 ng
RT: 7.28 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Tgt Ion:105	Resp:	329769
Ion Ratio	Lower	Upper
105	100	
71	8.0	4.7 7.1#
51	35.4	22.0 33.0#
120	20.9	30.1 45.1#



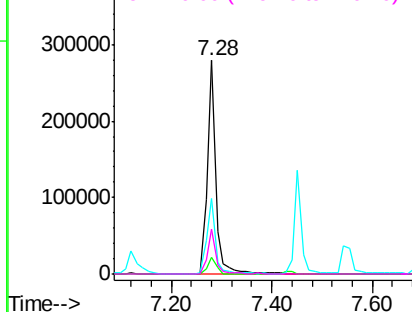
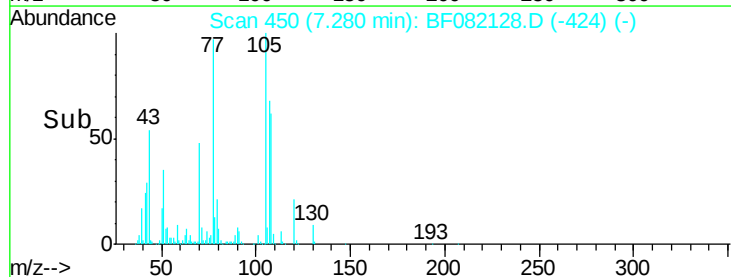
Abundance

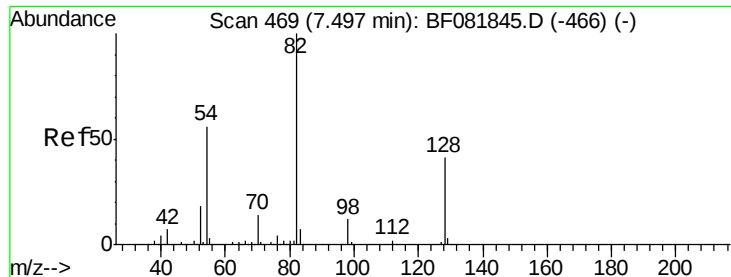
Ion 105.00 (104.70 to 105.70): E

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

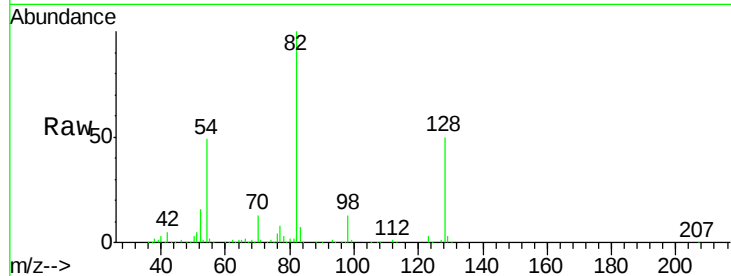




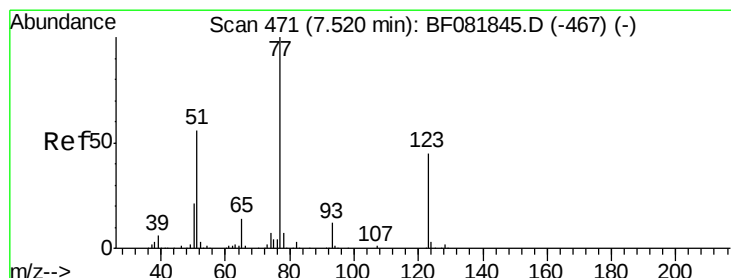
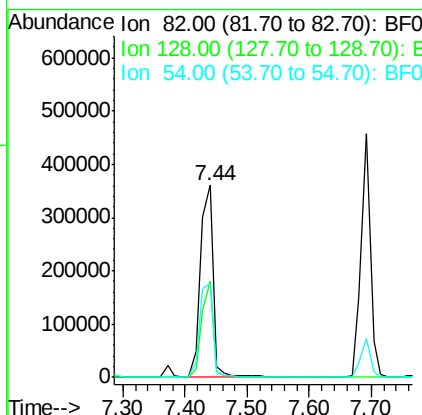
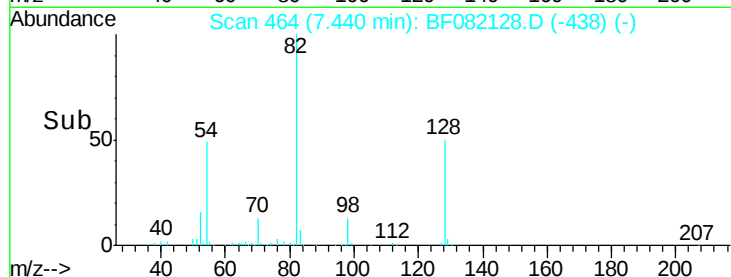
#23
 Nitrobenzene-d5
 Concen: 104.72 ng
 RT: 7.44 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

Tot Ion: 82 Resp: 525229
 Ion Ratio Lower Upper
 82 100
 128 50.1 51.0 76.6#
 54 49.1 47.5 71.3

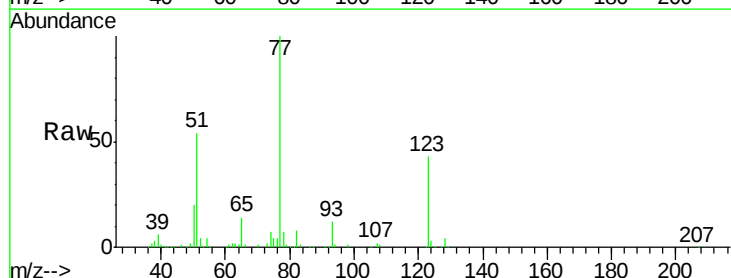


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

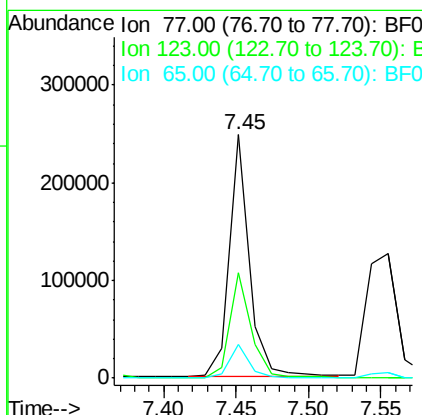
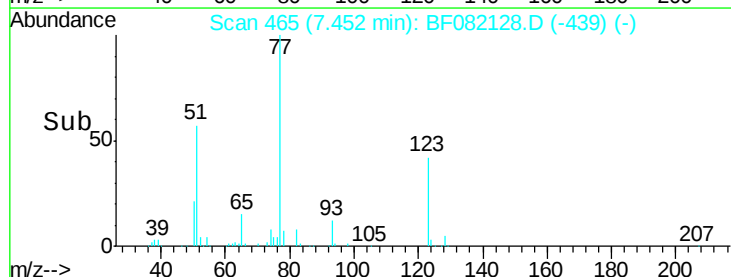


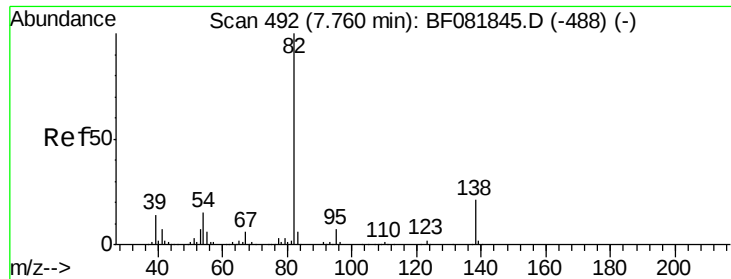
#24
 Nitrobenzene
 Concen: 43.43 ng
 RT: 7.45 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Tgt Ion: 77 Resp: 236529
 Ion Ratio Lower Upper
 77 100
 123 43.0 59.8 89.8#
 65 13.8 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

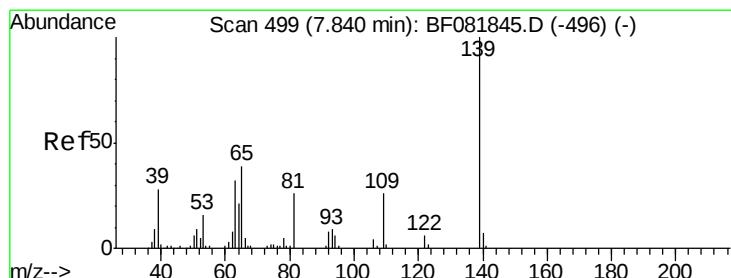
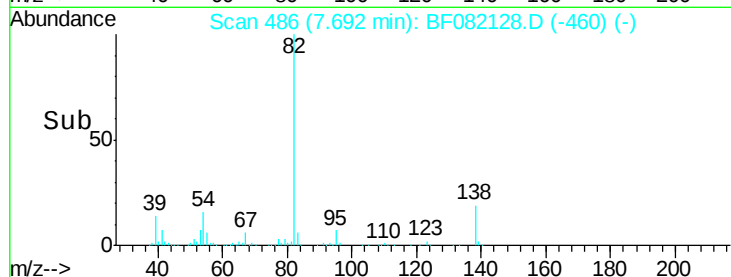
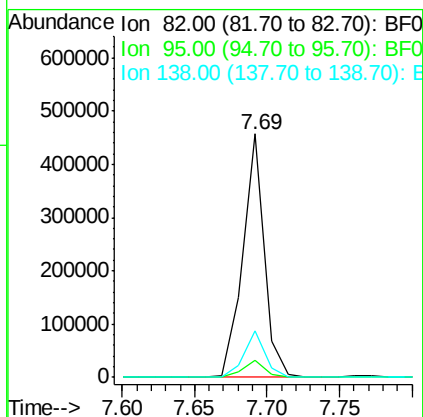
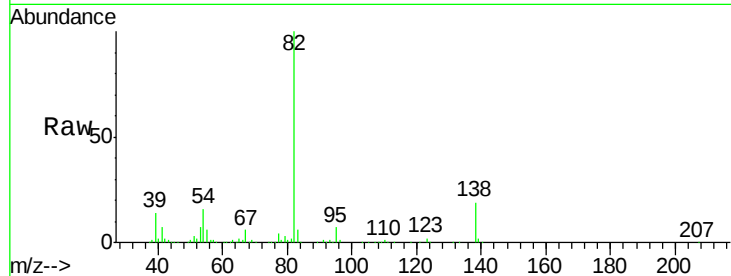




#25
Isophorone
Concen: 47.13 ng
RT: 7.69 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

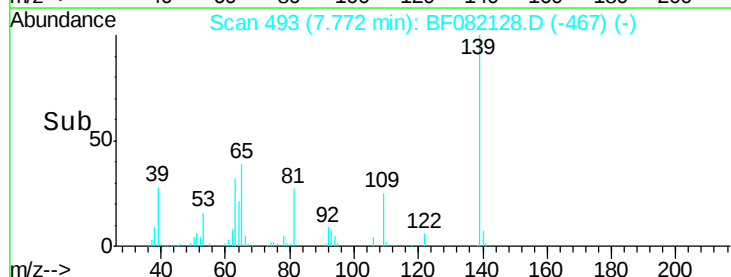
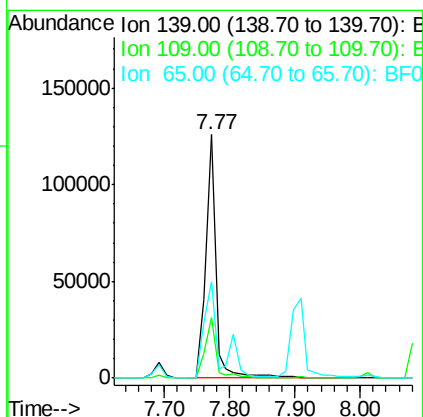
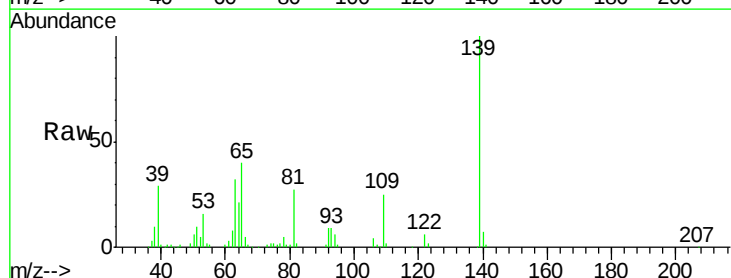
Instrument :
BNA_F
ClientSampleId :
WC100515MSD

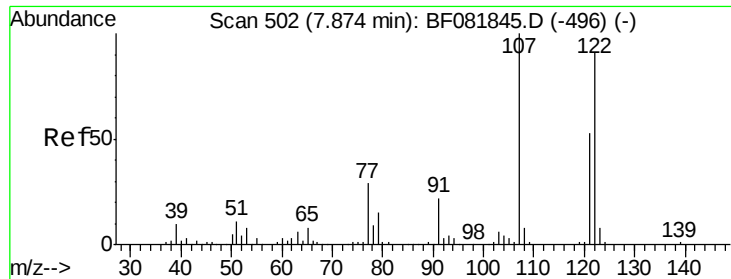
Tot Ion: 82 Resp: 468477
Ion Ratio Lower Upper
82 100
95 7.1 4.0 6.0#
138 18.9 18.3 27.5



#26
2-Nitrophenol
Concen: 52.19 ng
RT: 7.77 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Tgt Ion: 139 Resp: 136447
Ion Ratio Lower Upper
139 100
109 24.9 11.0 16.4#
65 39.7 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 46.23 ng

RT: 7.81 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

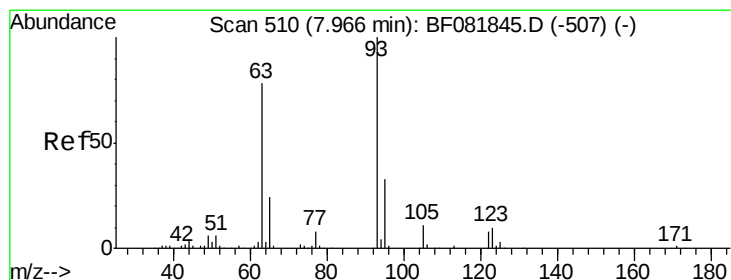
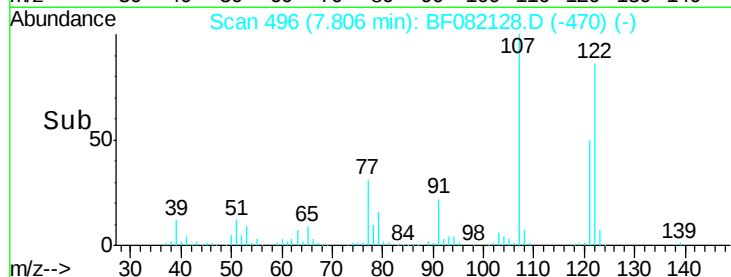
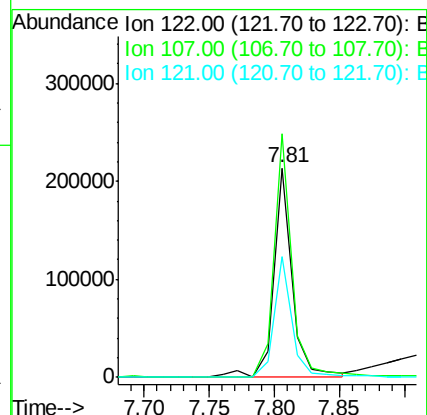
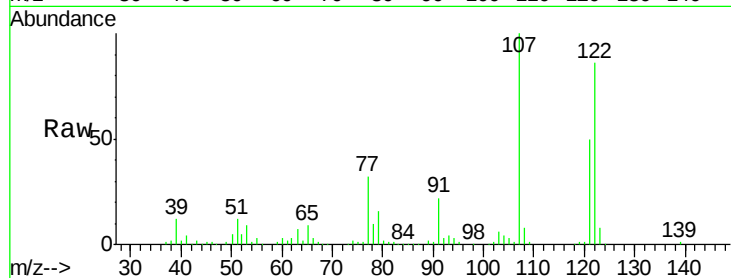
Tot Ion:122 Resp: 212623

Ion Ratio Lower Upper

122 100

107 116.5 71.8 107.6#

121 57.9 42.3 63.5



#28

bis(2-Chloroethoxy)methane

Concen: 47.66 ng

RT: 7.91 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

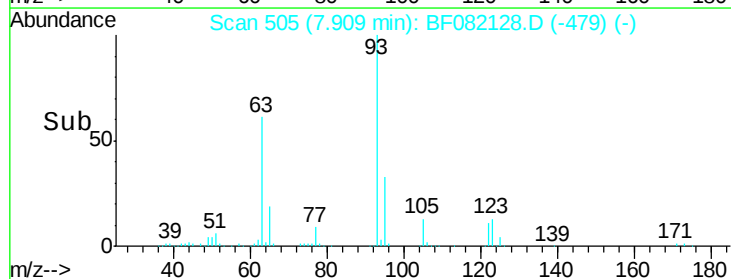
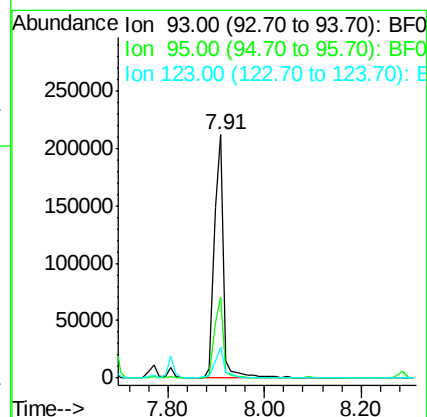
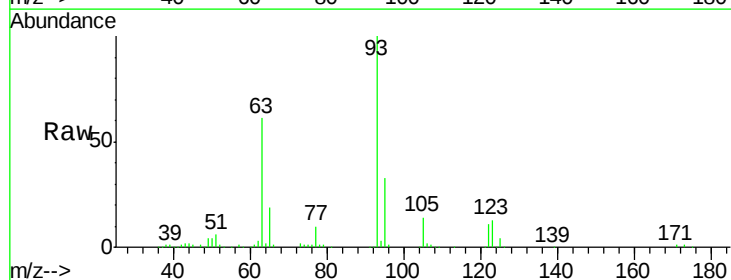
Tgt Ion: 93 Resp: 281337

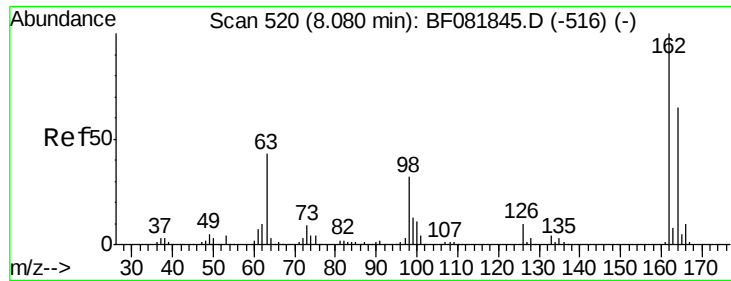
Ion Ratio Lower Upper

93 100

95 33.3 27.5 41.3

123 12.6 13.7 20.5#

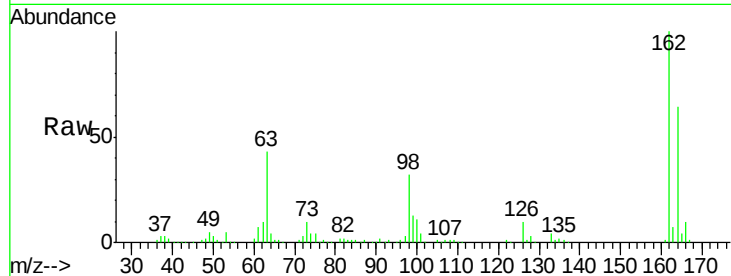




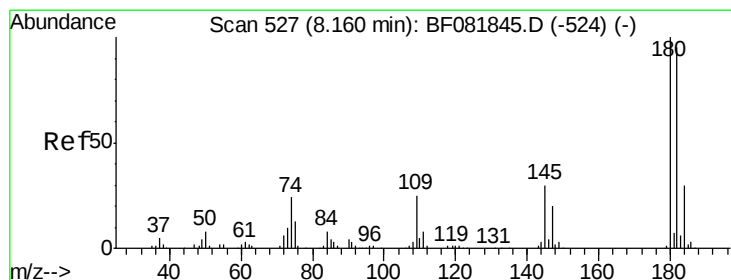
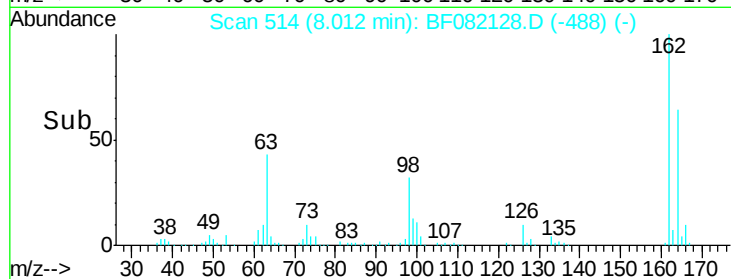
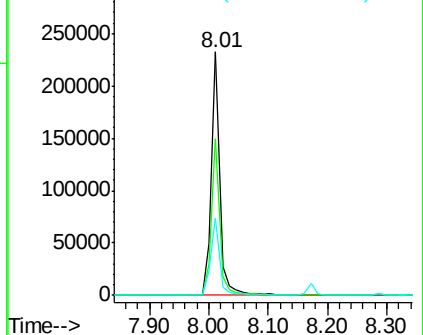
#29
 2,4-Dichlorophenol
 Concen: 51.97 ng
 RT: 8.01 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.9	84.9
98	31.6	13.0	53.0

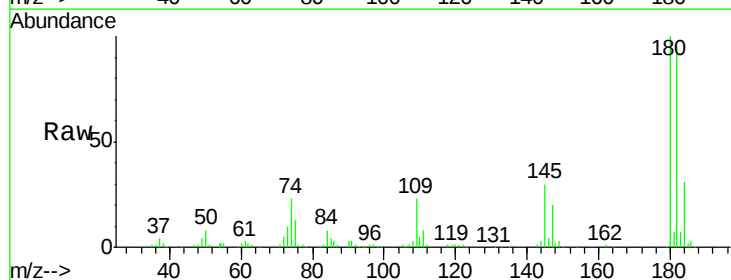


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

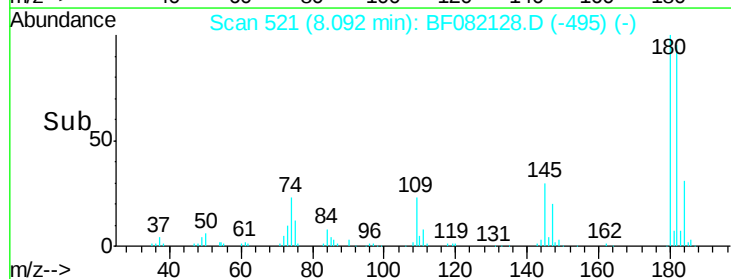
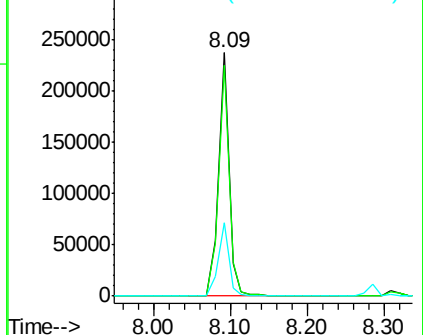


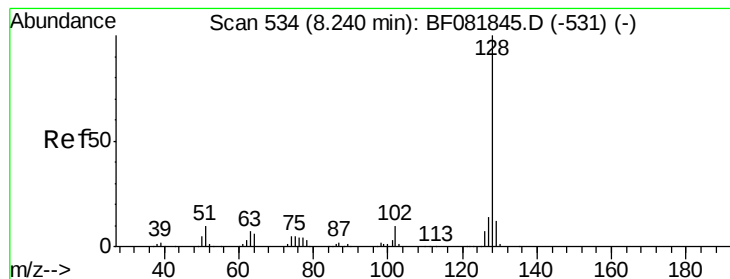
#30
 1,2,4-Trichlorobenzene
 Concen: 46.07 ng
 RT: 8.09 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.1	115.7
145	29.9	23.3	34.9



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





#31

Naphthalene

Concen: 45.92 ng

RT: 8.17 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

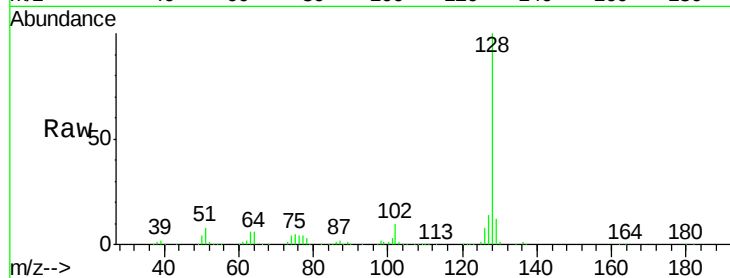
Tot Ion:128 Resp: 680246

Ion Ratio Lower Upper

128 100

129 11.8 8.4 12.6

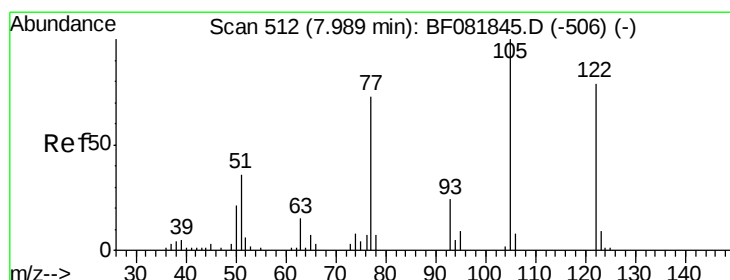
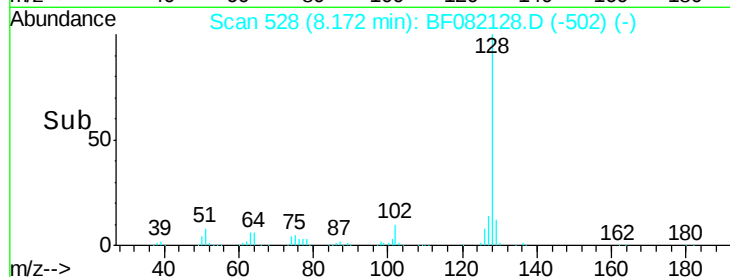
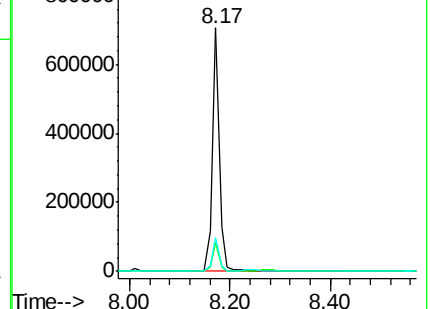
127 13.7 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.90 ng

RT: 7.93 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

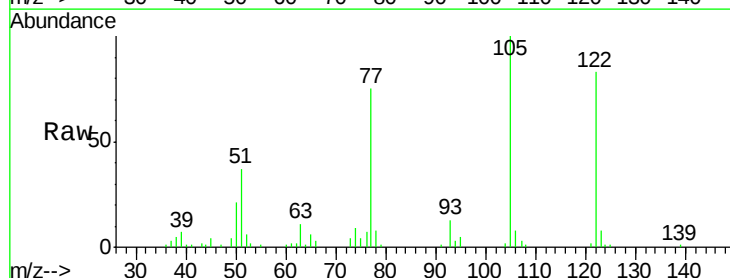
Tgt Ion:122 Resp: 118716

Ion Ratio Lower Upper

122 100

105 121.1 76.1 116.1#

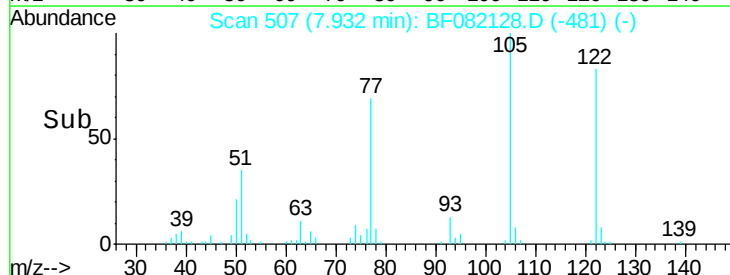
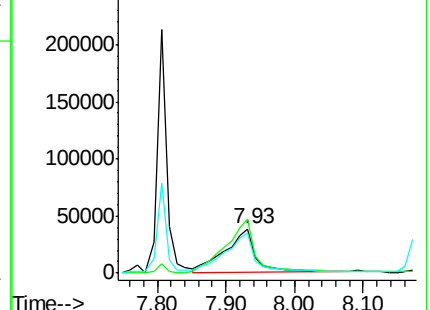
77 91.0 40.5 80.5#

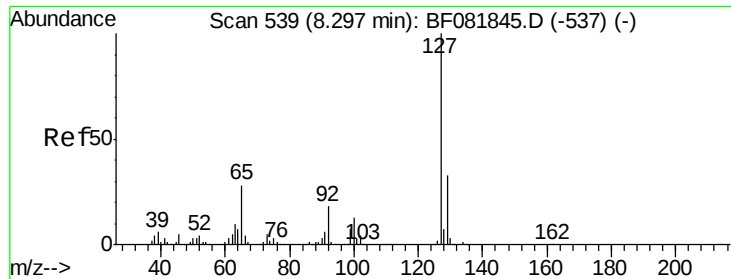


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

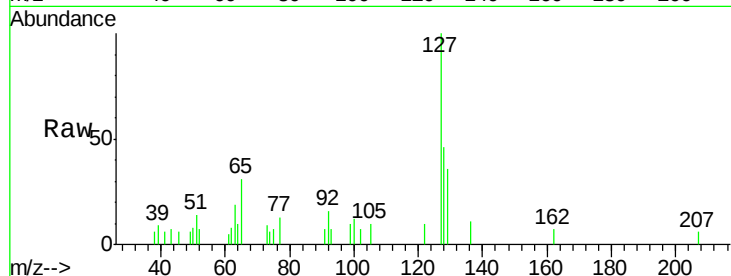




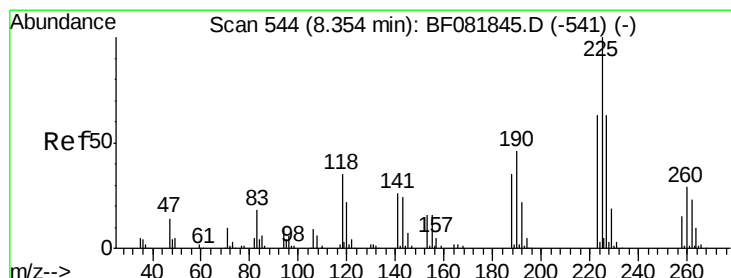
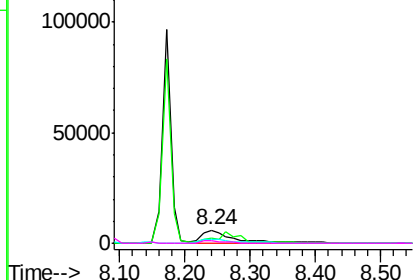
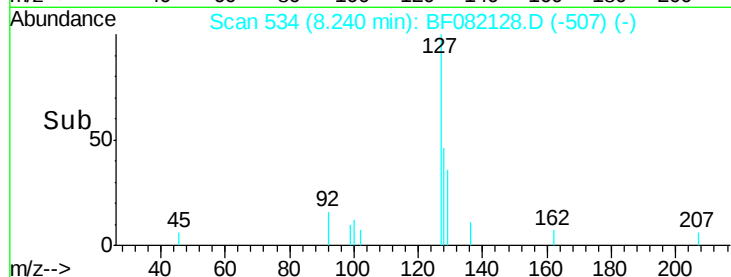
#33
4-Chloroaniline
Concen: 3.31 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.01 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Instrument :
BNA_F
ClientSampleId :
WC100515MSD

Tot Ion:	127	Resp:	21202
Ion	Ratio	Lower	Upper
127	100		
129	35.9	25.8	38.6
65	30.6	17.9	26.9
92	16.2	10.5	15.7

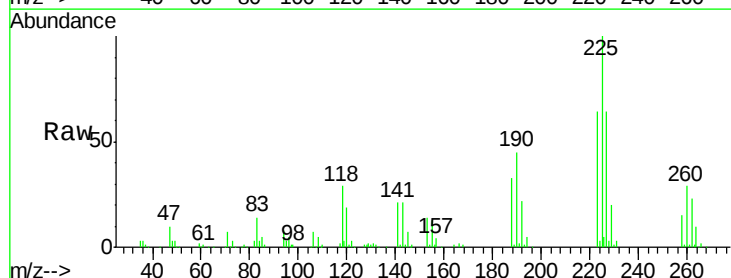


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

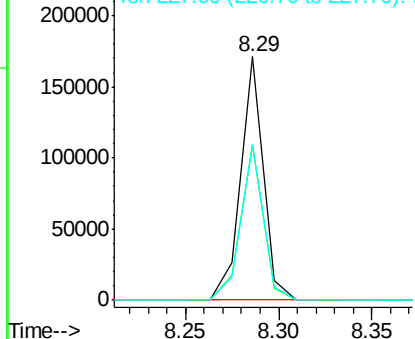
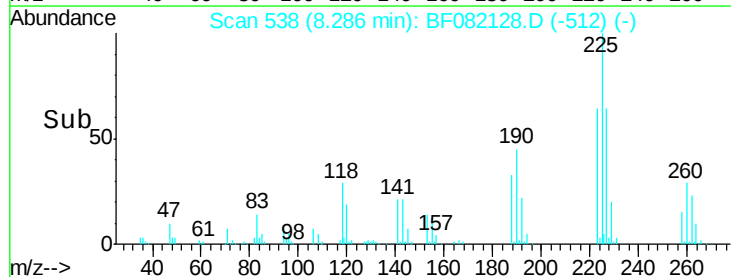


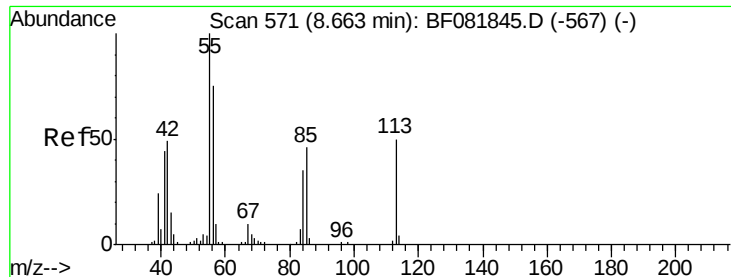
#34
Hexachlorobutadiene
Concen: 49.52 ng
RT: 8.29 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Tgt Ion:	225	Resp:	145810
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.2
227	63.6	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.50 ng

RT: 8.59 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

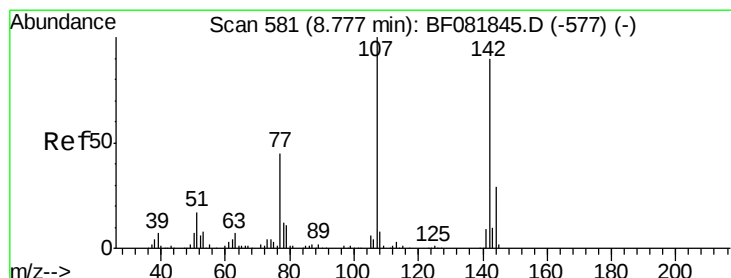
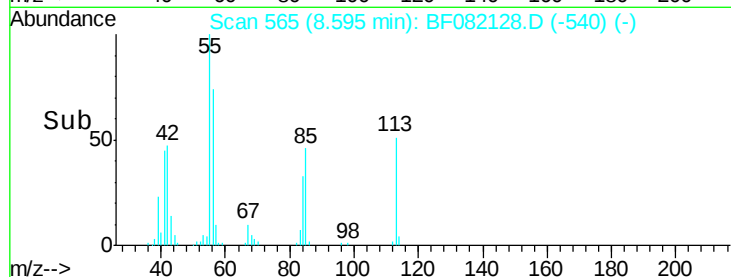
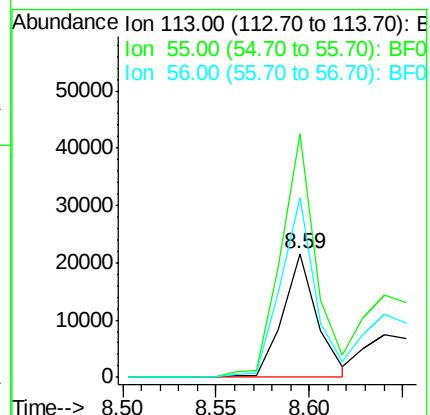
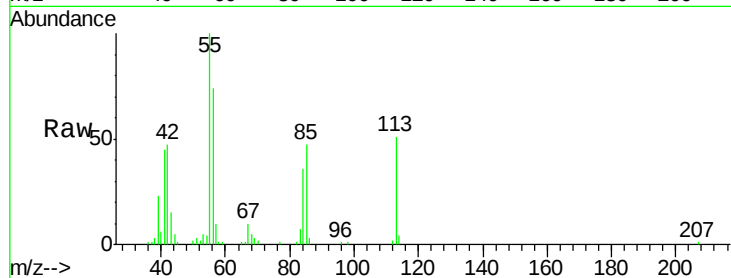
Tot Ion:113 Resp: 27782

Ion Ratio Lower Upper

113 100

55 197.3 152.4 192.4#

56 145.8 104.6 144.6#



#36

4-Chloro-3-methylphenol

Concen: 48.08 ng

RT: 8.71 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

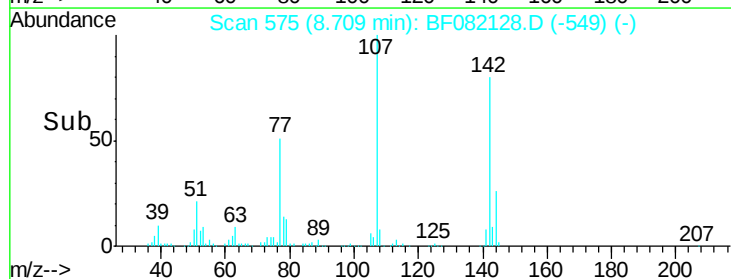
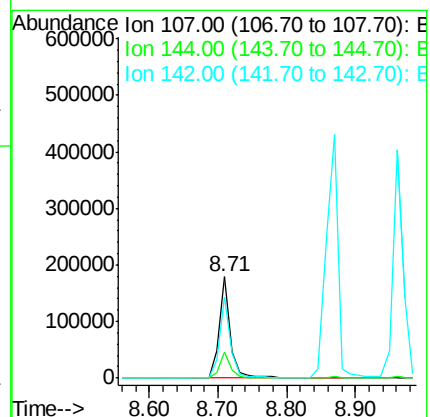
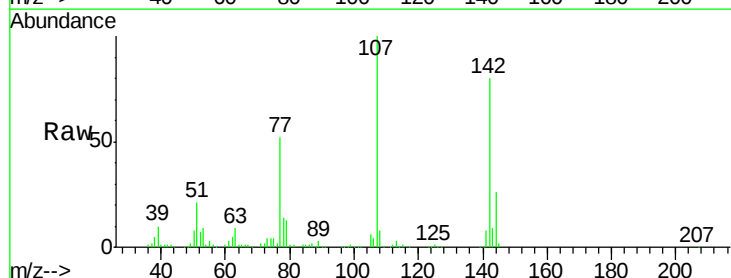
Tgt Ion:107 Resp: 209643

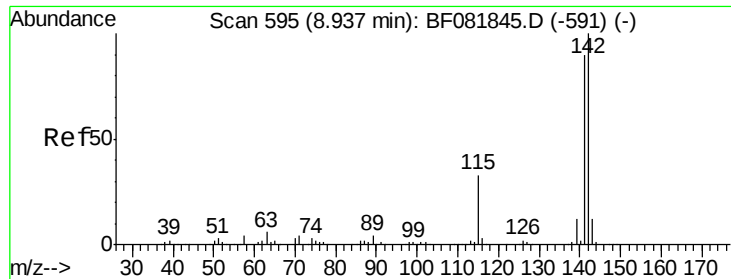
Ion Ratio Lower Upper

107 100

144 25.6 25.4 38.0

142 79.8 77.3 115.9

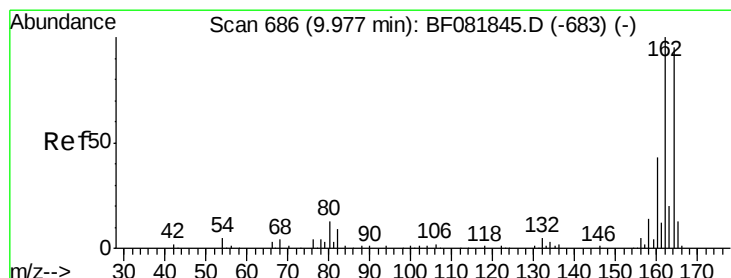
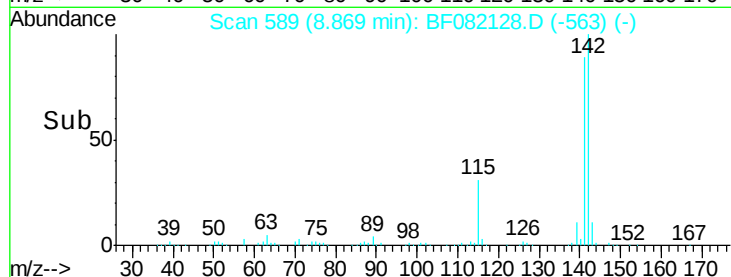
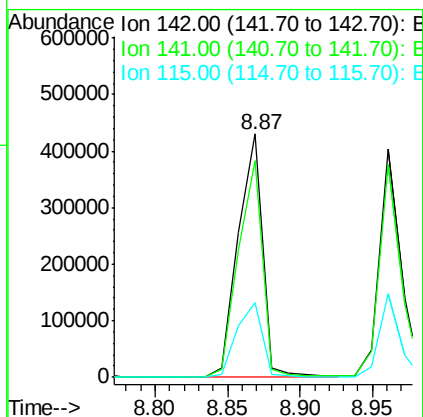
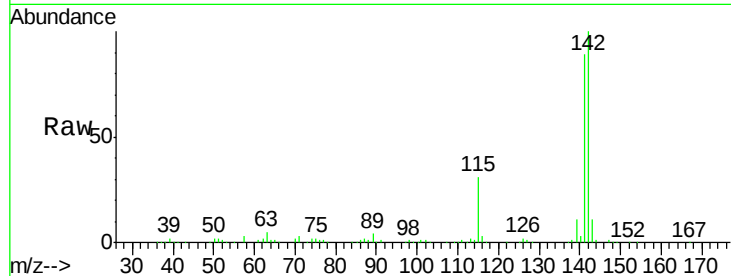




#37
2-Methylnaphthalene
Concen: 49.73 ng
RT: 8.87 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

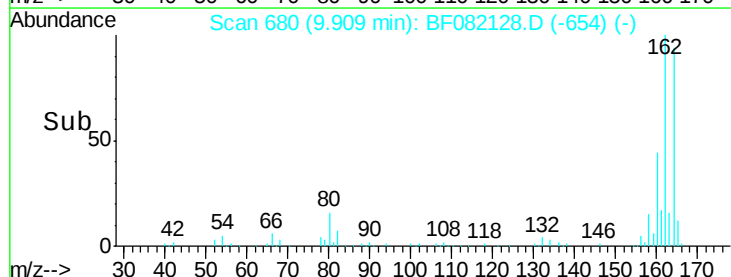
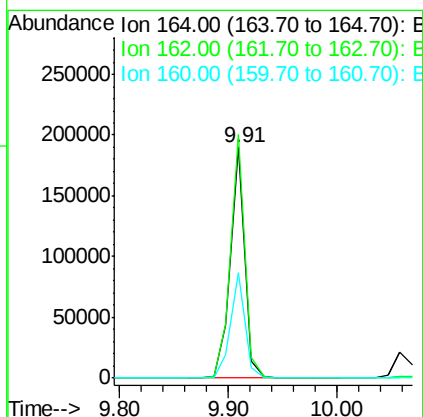
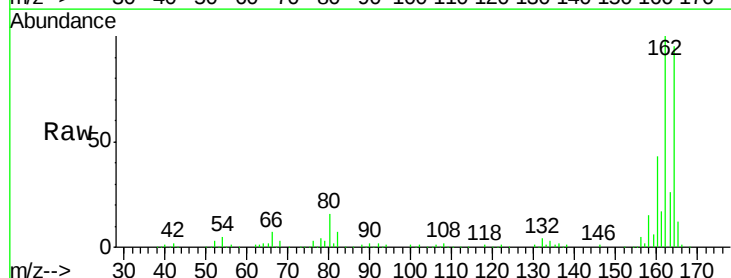
Instrument :
BNA_F
ClientSampleId :
WC100515MSD

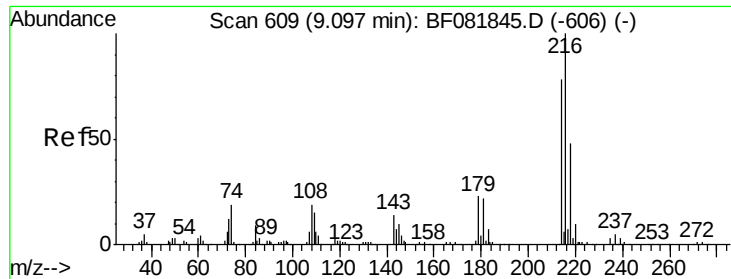
Tot Ion:142 Resp: 502897
Ion Ratio Lower Upper
142 100
141 88.8 67.5 101.3
115 30.6 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Tgt Ion:164 Resp: 173882
Ion Ratio Lower Upper
164 100
162 105.5 75.2 112.8
160 45.9 31.5 47.3

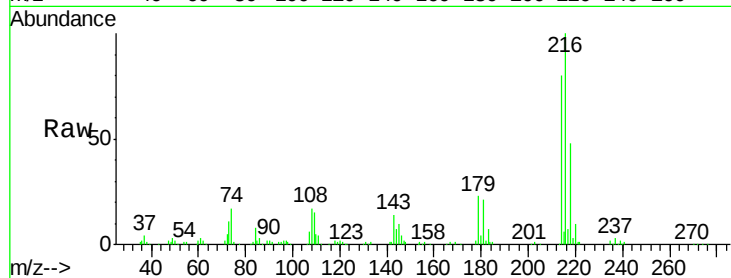




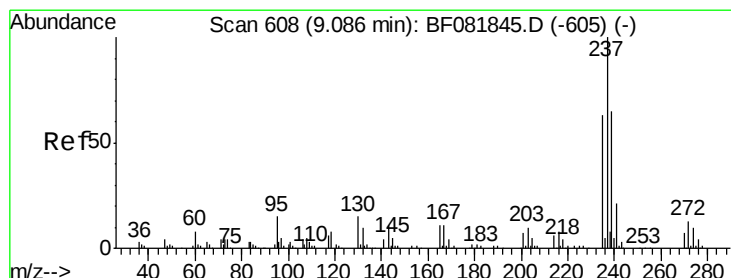
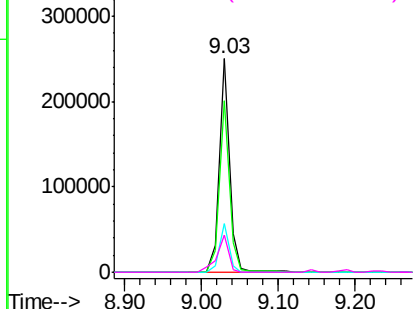
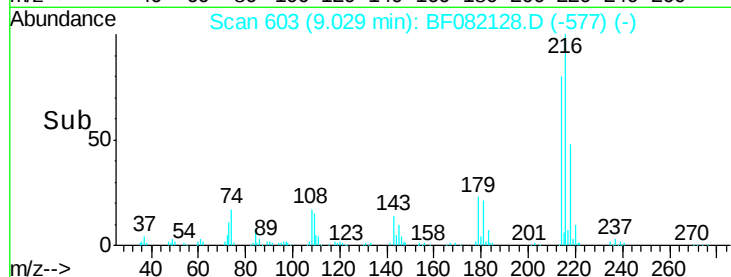
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.72 ng
 RT: 9.03 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

Tot Ion:216	Resp:	233399
Ion	Ratio	Lower Upper
216	100	
214	79.4	63.5 95.3
179	21.8	16.6 24.8
108	19.7	16.3 24.5

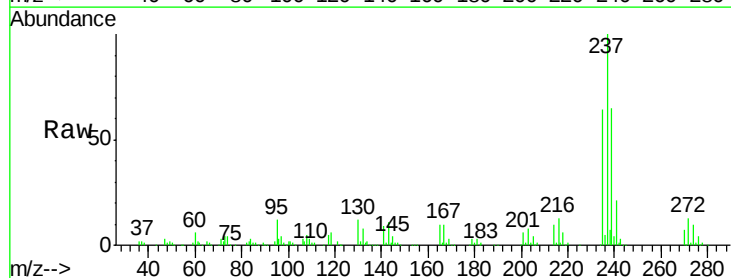


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

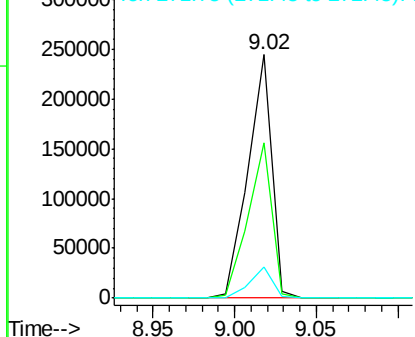
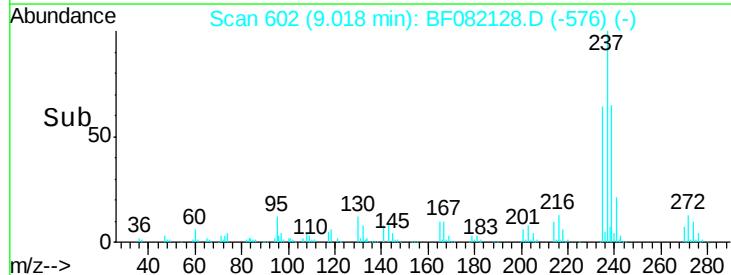


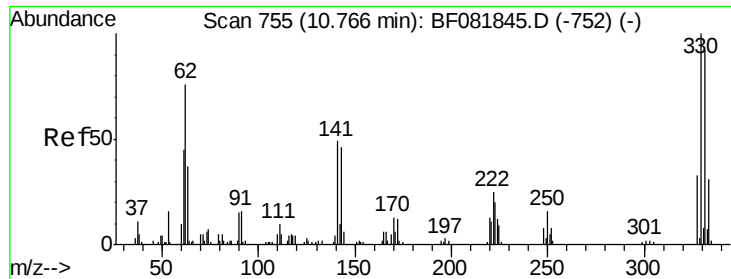
#40
 Hexachlorocyclopentadiene
 Concen: 90.11 ng
 RT: 9.02 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Tgt Ion:237	Resp:	247714
Ion	Ratio	Lower Upper
237	100	
235	63.7	42.0 82.0
272	12.5	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

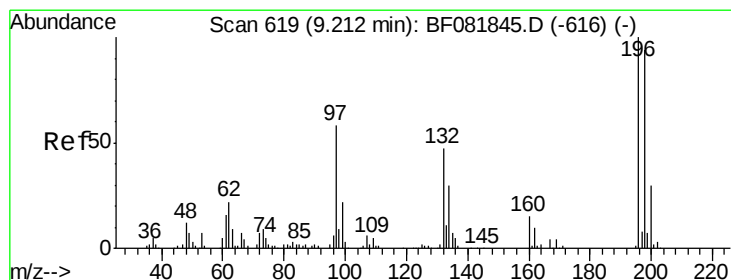
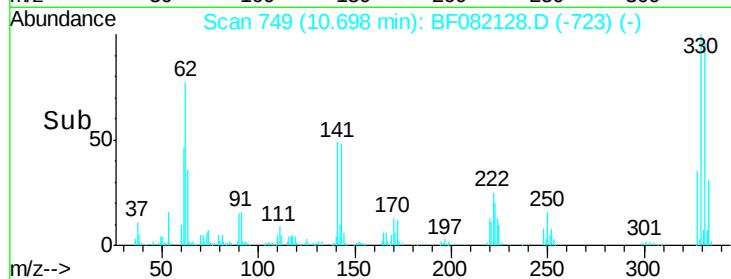
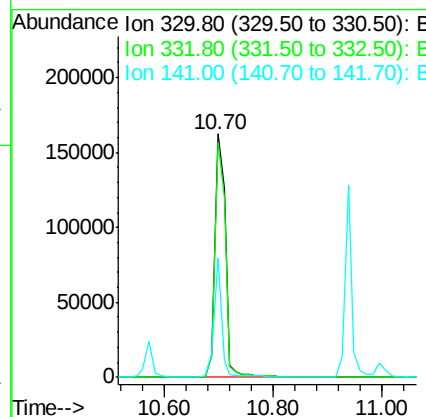
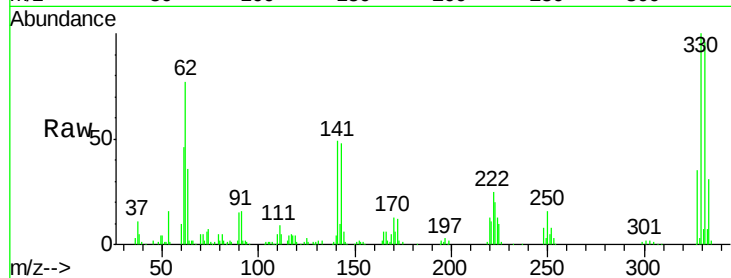




#41
 2,4,6-Tribromophenol
 Concen: 127.72 ng
 RT: 10.70 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

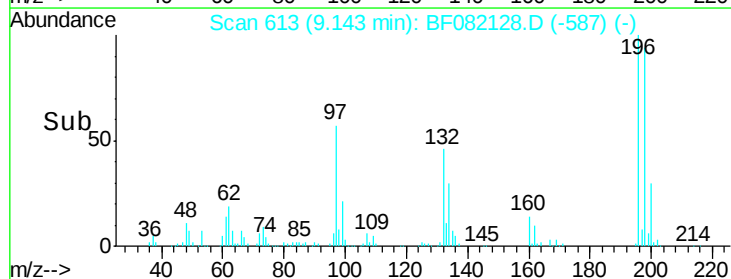
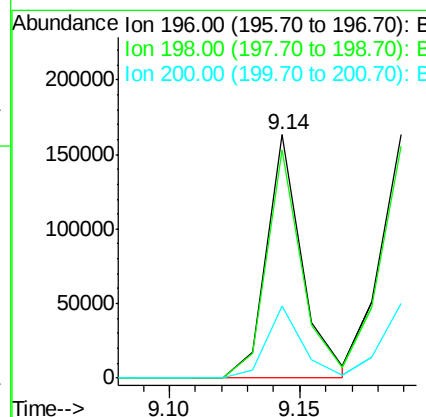
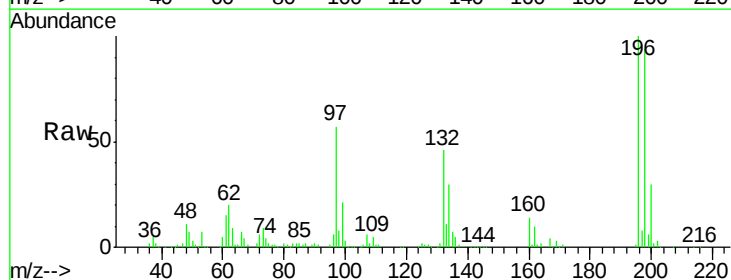
Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

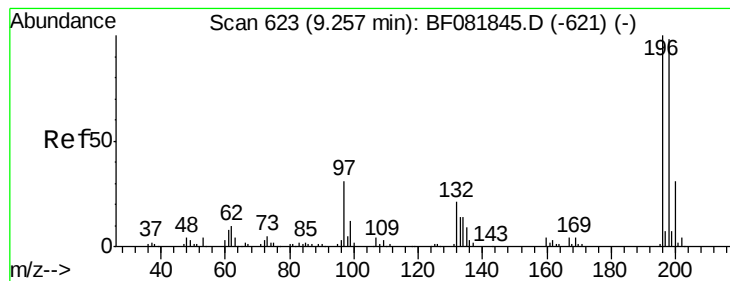
Tot Ion:330 Resp: 224923
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 114.8
 141 34.4 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 42.39 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Tgt Ion:196 Resp: 155149
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.7 113.5
 200 29.8 23.9 35.9

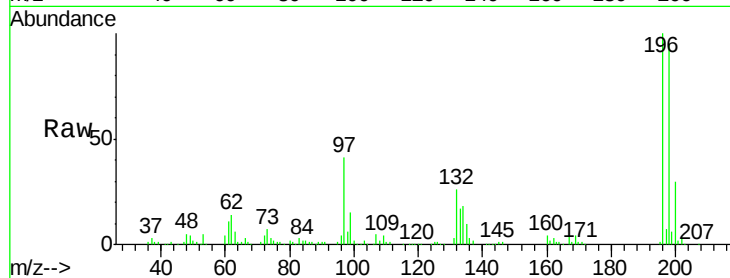




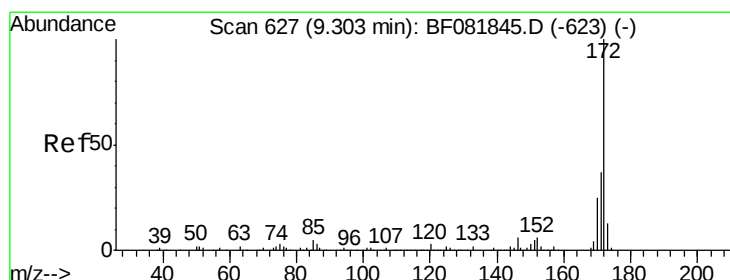
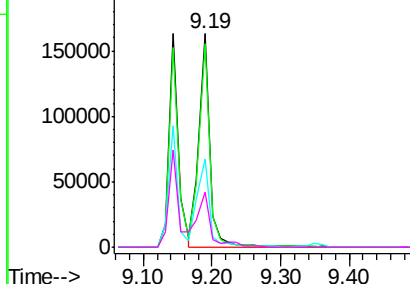
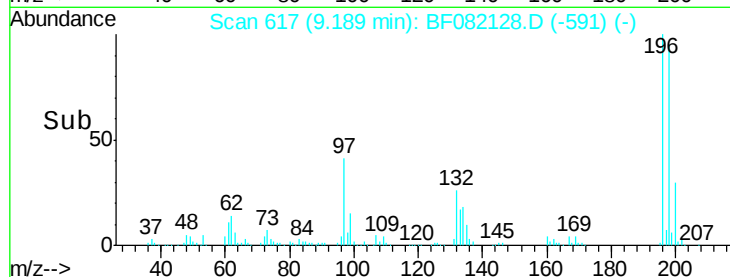
#43
 2,4,5-Trichlorophenol
 Concen: 47.06 ng
 RT: 9.19 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

Tot Ion:196 Resp: 177117
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.4 113.0
 97 41.2 33.3 49.9
 132 25.8 24.6 37.0

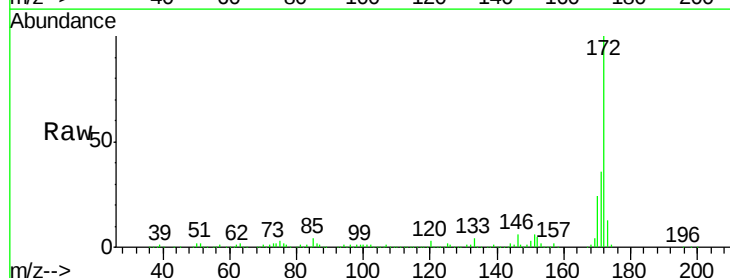


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

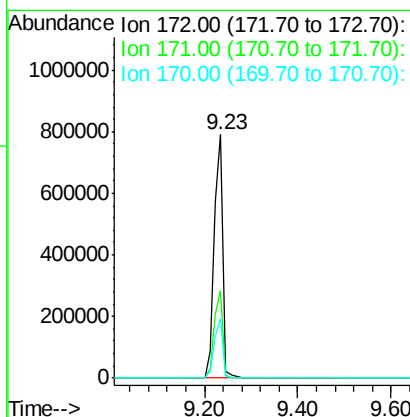
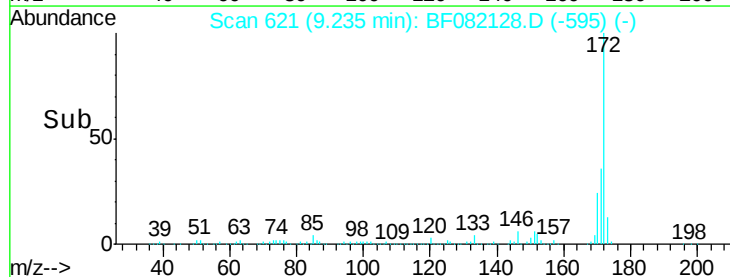


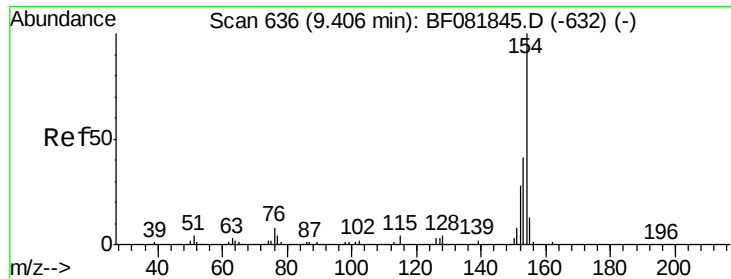
#44
 2-Fluorobiphenyl
 Concen: 104.16 ng
 RT: 9.23 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Tgt Ion:172 Resp: 1035476
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.1 17.4 26.2



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





#45

1,1'-Biphenyl

Concen: 42.85 ng

RT: 9.33 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

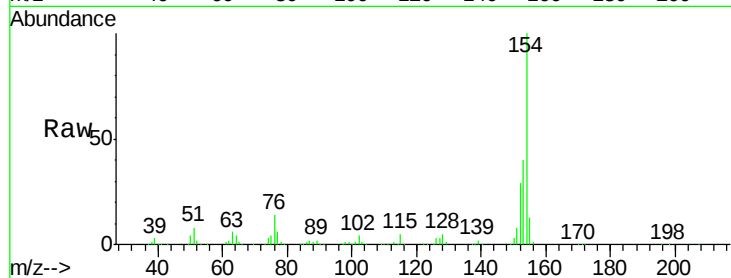
Tot Ion:154 Resp: 574818

Ion Ratio Lower Upper

154 100

153 40.3 17.1 57.1

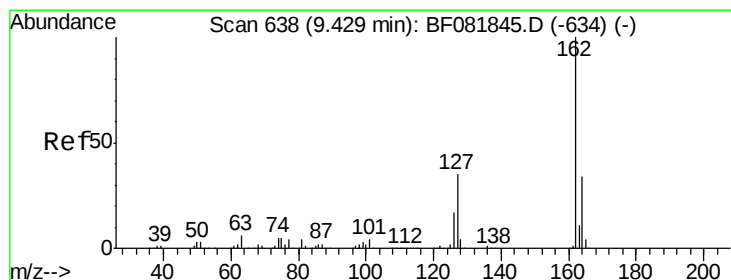
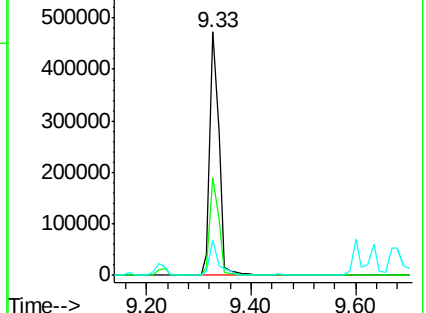
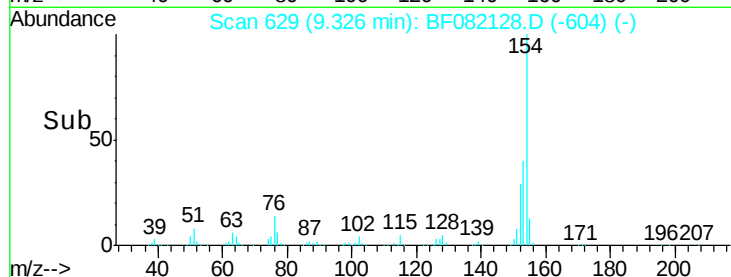
76 14.1 0.0 31.6



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: 45.18 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

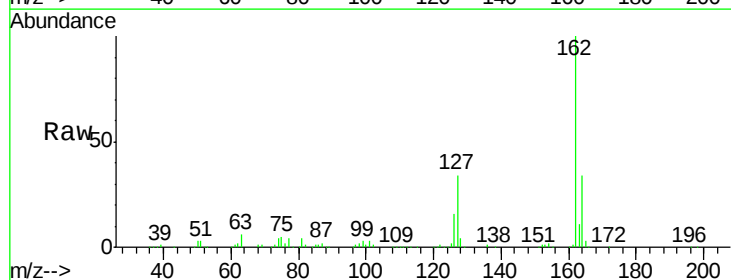
Tgt Ion:162 Resp: 475829

Ion Ratio Lower Upper

162 100

127 33.5 27.6 41.4

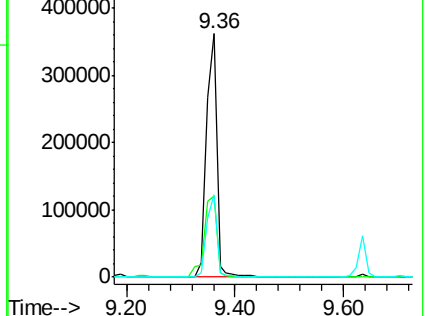
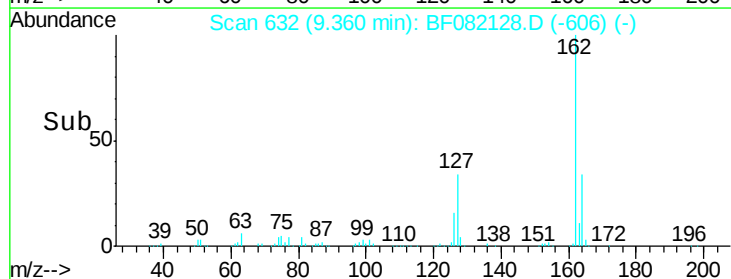
164 33.7 25.4 38.2

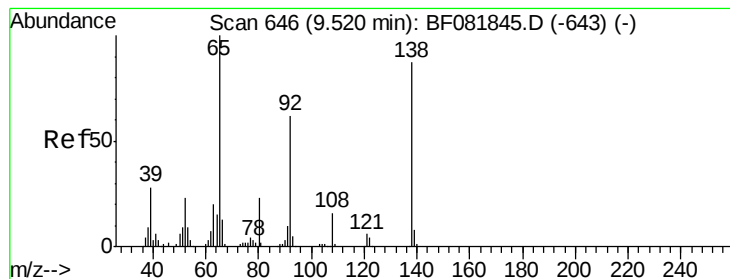


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.42 ng

RT: 9.45 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

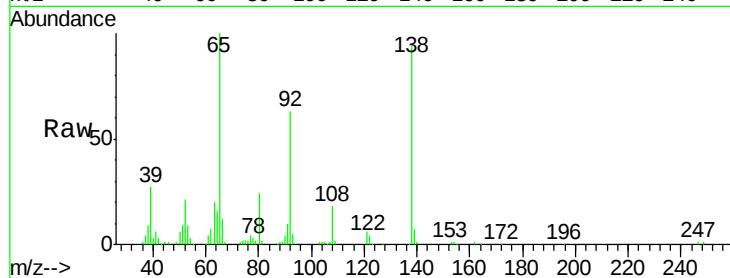
Tot Ion: 65 Resp: 124984

Ion Ratio Lower Upper

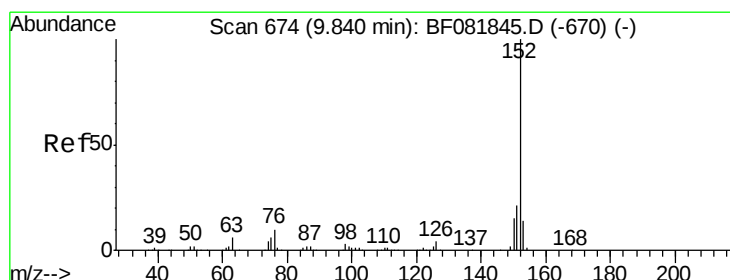
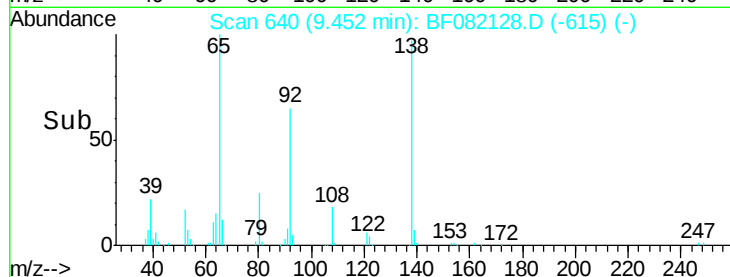
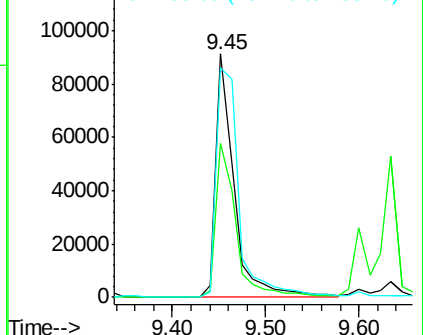
65 100

92 63.4 55.4 83.0

138 94.2 115.5 173.3#



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



#48

Acenaphthylene

Concen: 44.80 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

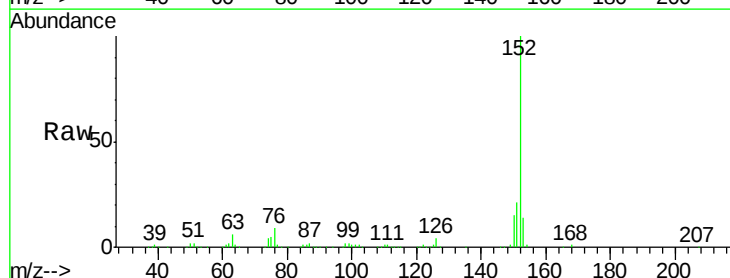
Tgt Ion: 152 Resp: 755189

Ion Ratio Lower Upper

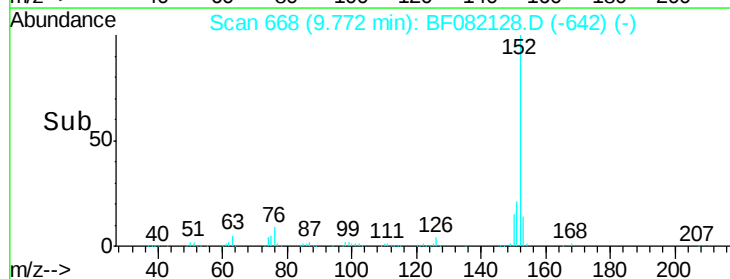
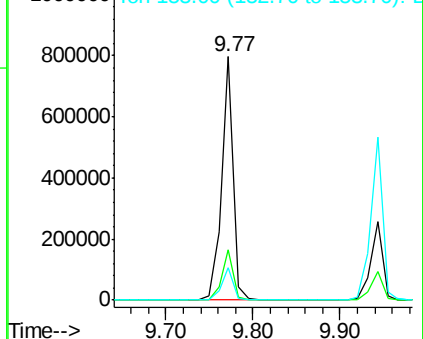
152 100

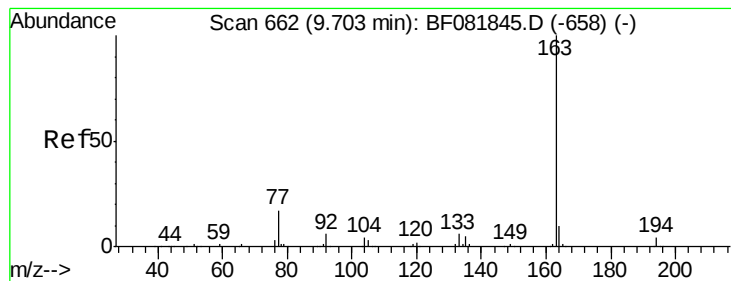
151 20.8 14.6 22.0

153 13.6 10.3 15.5



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





#49

Dimethylphthalate

Concen: 47.24 ng

RT: 9.63 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

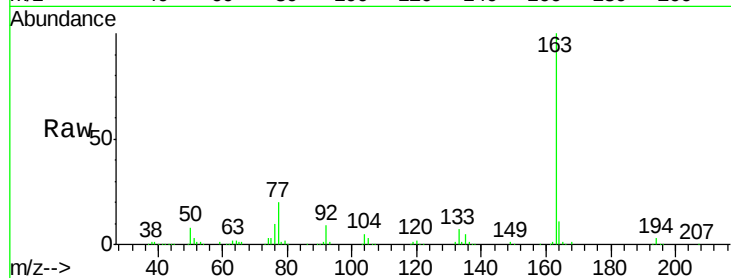
Tot Ion:163 Resp: 567038

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

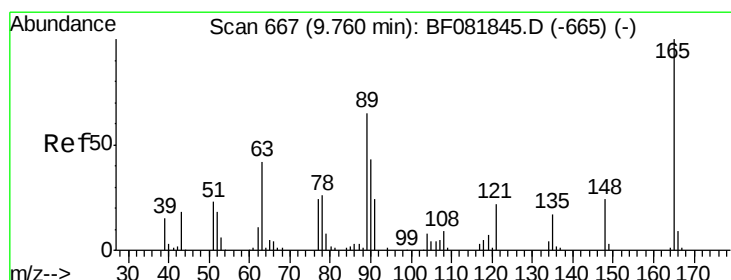
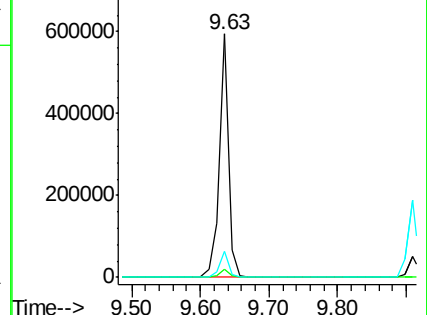
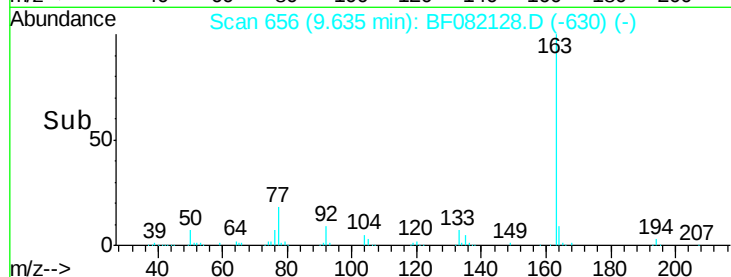
164 10.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.51 ng

RT: 9.70 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

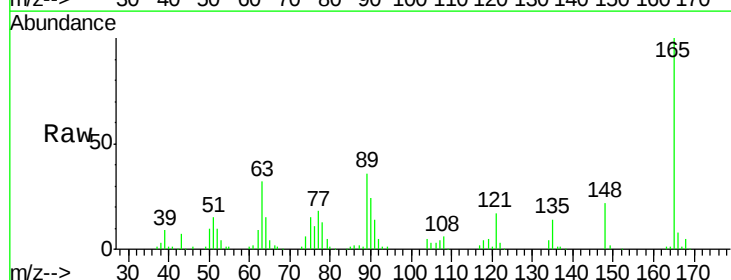
Tgt Ion:165 Resp: 129024

Ion Ratio Lower Upper

165 100

63 32.5 32.3 48.5

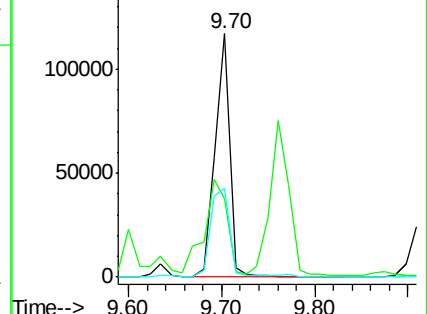
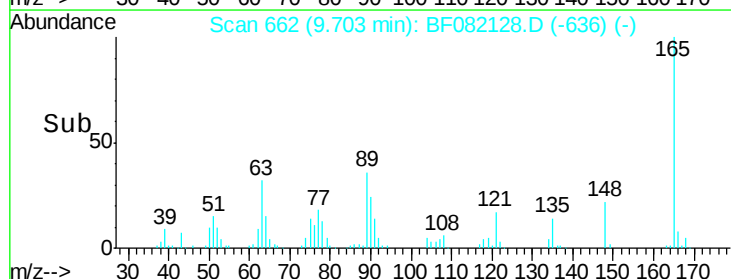
89 36.5 28.6 43.0

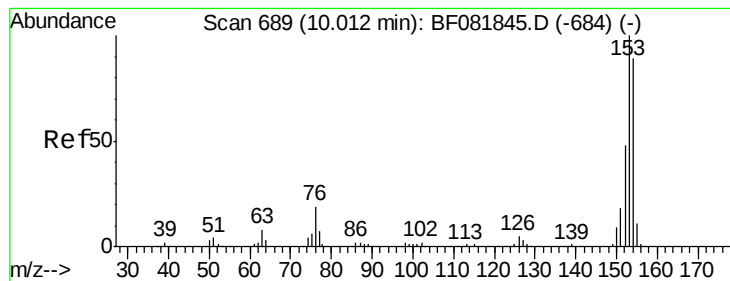


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.03 ng

RT: 9.94 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

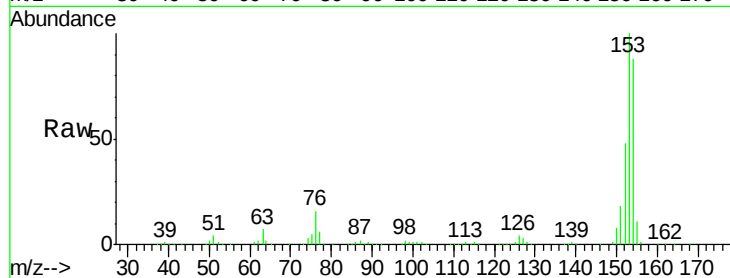
Tot Ion:154 Resp: 450834

Ion Ratio Lower Upper

154 100

153 113.0 82.1 123.1

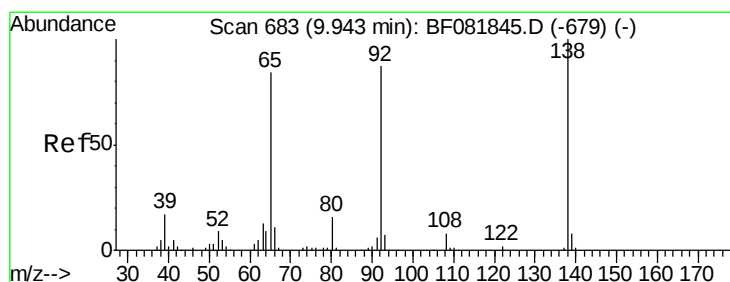
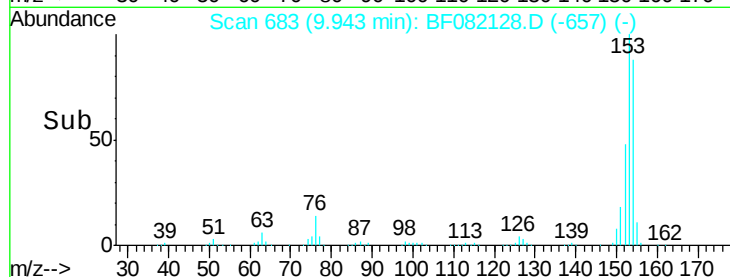
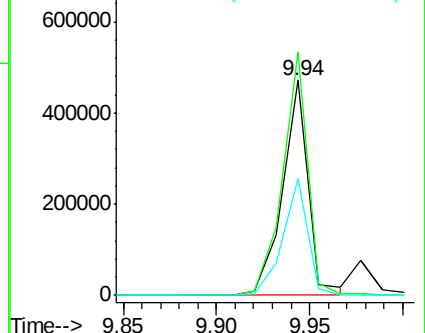
152 54.4 37.9 56.9



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: 8.47 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

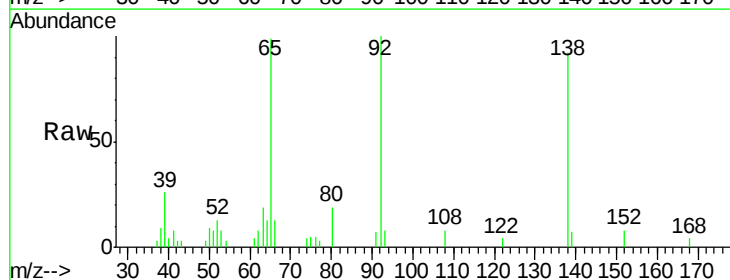
Tgt Ion:138 Resp: 25524

Ion Ratio Lower Upper

138 100

108 8.8 5.7 8.5#

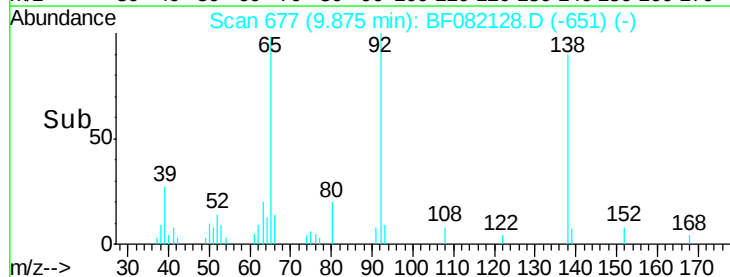
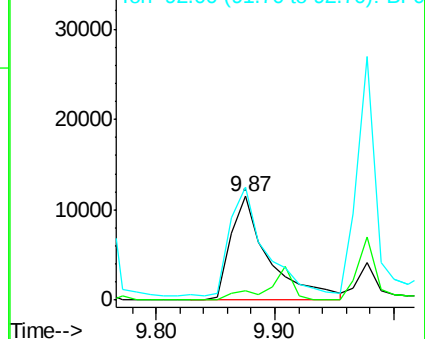
92 109.0 67.7 101.5#

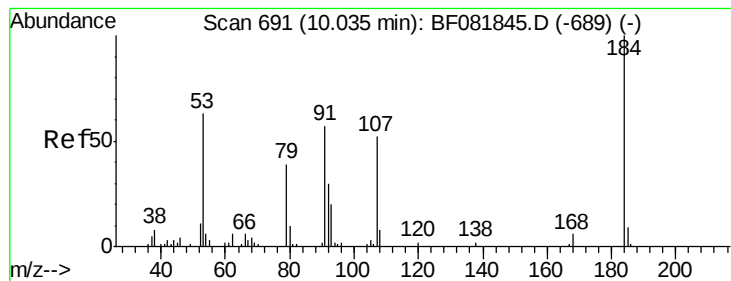


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 92.05 ng

RT: 9.98 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

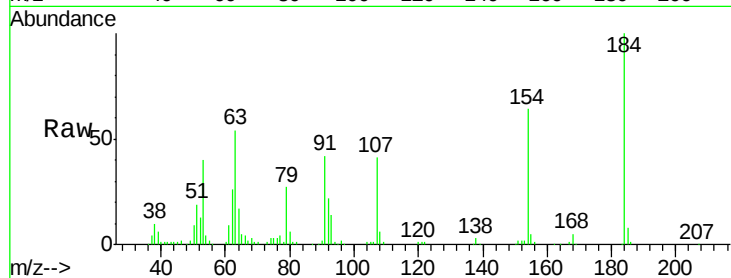
Tot Ion:184 Resp: 129216

Ion Ratio Lower Upper

184 100

63 54.5 35.4 53.2#

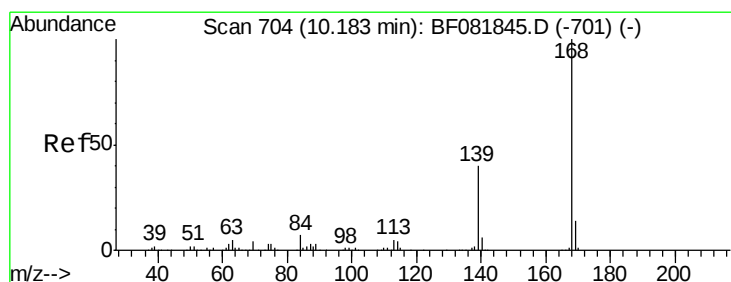
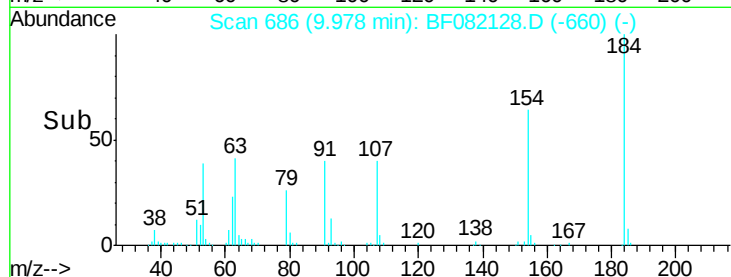
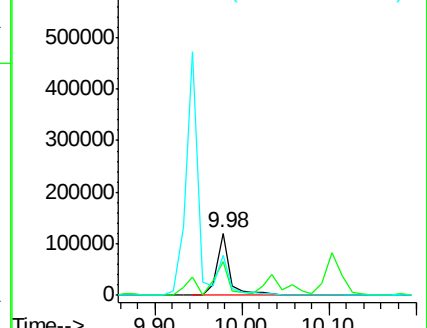
154 64.2 32.2 48.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 45.61 ng

RT: 10.11 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

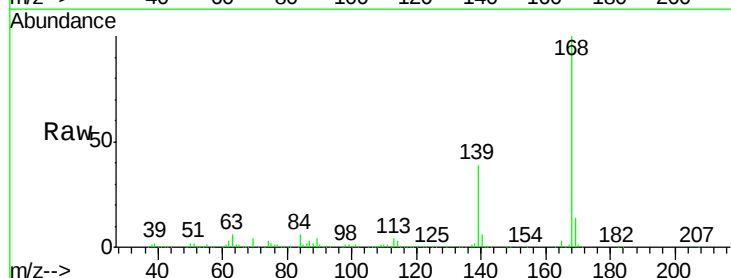
Tgt Ion:168 Resp: 645234

Ion Ratio Lower Upper

168 100

139 39.5 24.2 36.2#

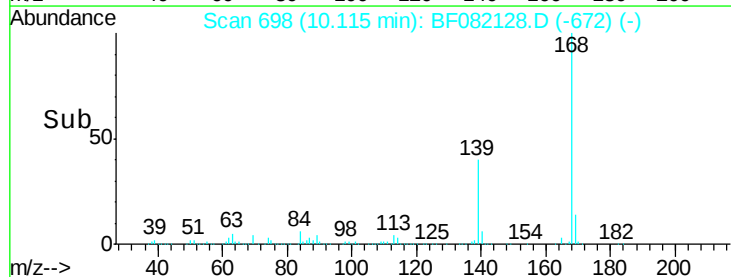
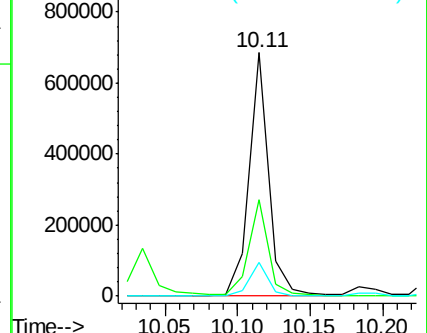
169 13.7 10.6 15.8

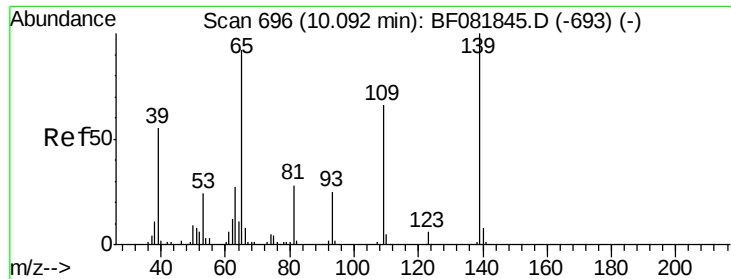


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

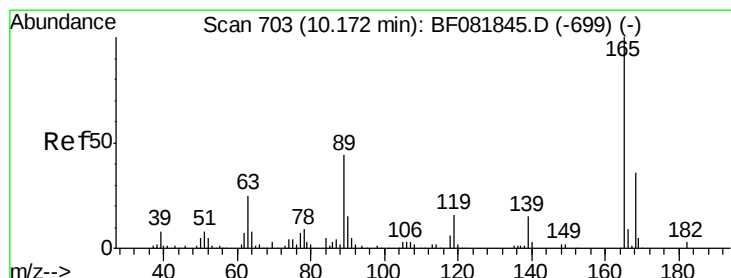
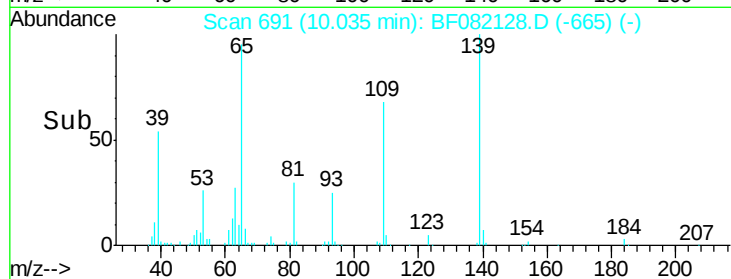
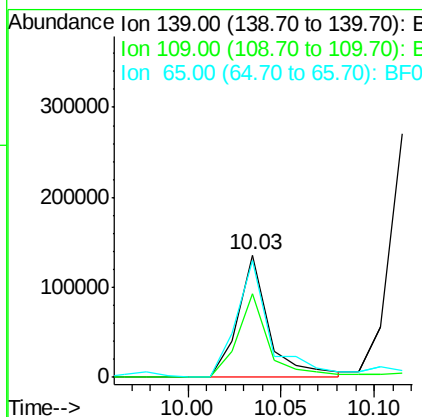
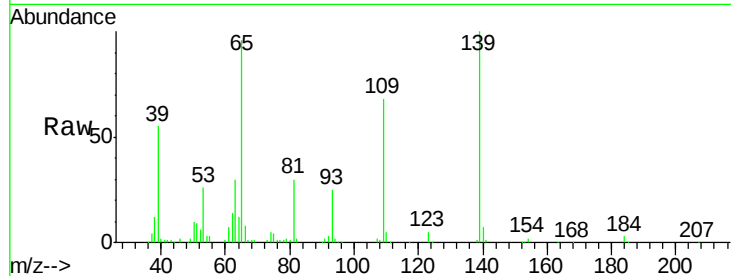




#55
4-Nitrophenol
Concen: 73.37 ng
RT: 10.03 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

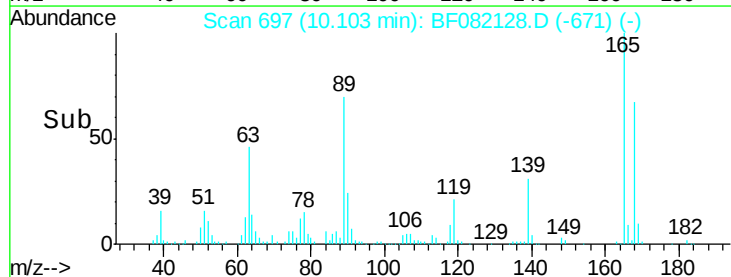
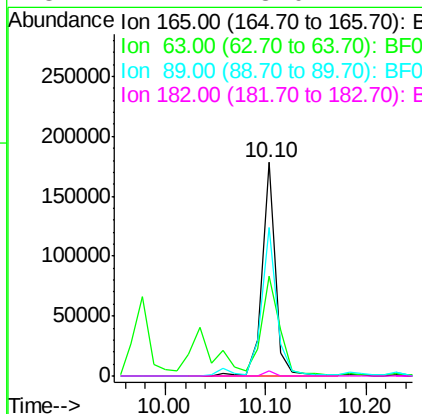
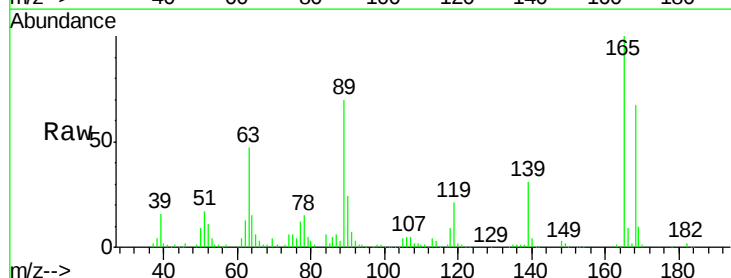
Instrument :
BNA_F
ClientSampleId :
WC100515MSD

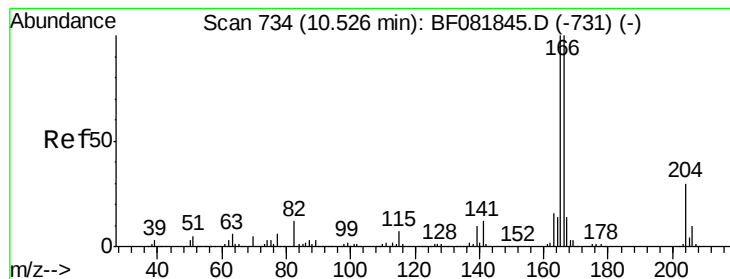
Tot Ion:139 Resp: 159812
Ion Ratio Lower Upper
139 100
109 68.3 12.7 52.7#
65 95.8 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 49.55 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Tgt Ion:165 Resp: 164607
Ion Ratio Lower Upper
165 100
63 46.8 29.8 44.6#
89 69.6 44.5 66.7#
182 2.2 3.0 4.4#





#57

Fluorene

Concen: 51.05 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

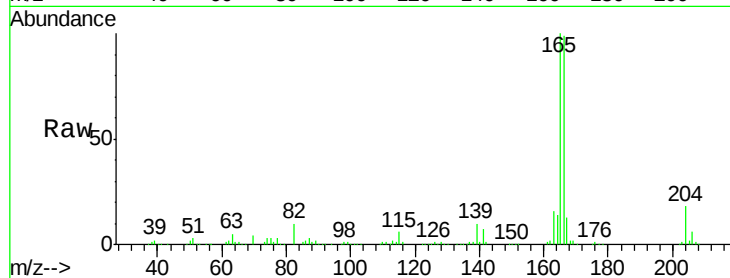
Tot Ion:166 Resp: 513666

Ion Ratio Lower Upper

166 100

165 100.9 72.6 109.0

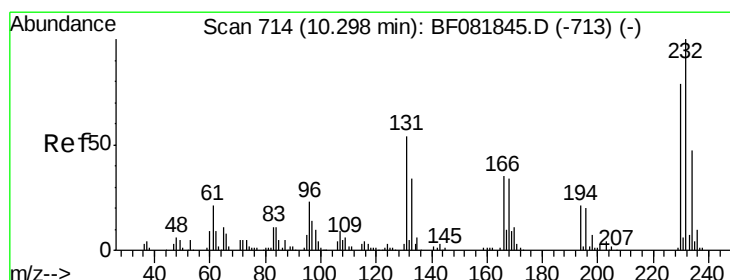
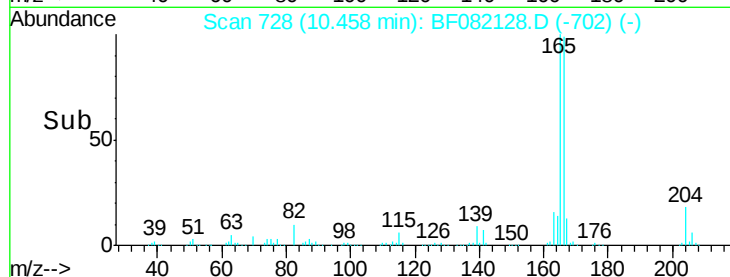
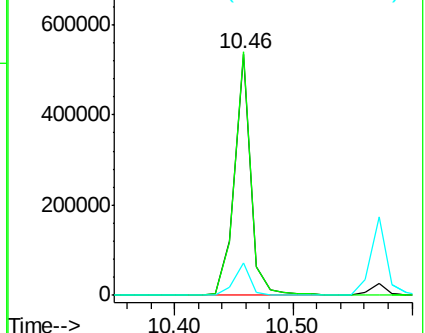
167 13.4 10.6 16.0



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: 47.36 ng

RT: 10.23 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Tgt Ion:232 Resp: 141396

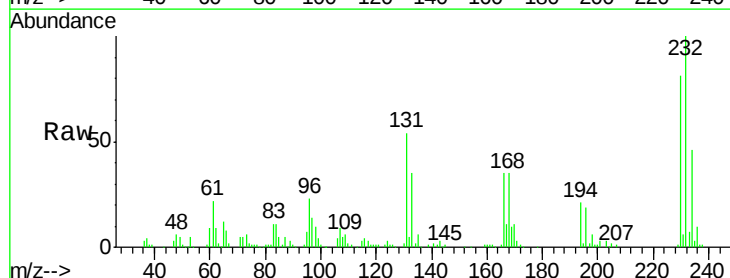
Ion Ratio Lower Upper

232 100

131 45.3 38.5 57.7

130 1.9 1.8 2.6

166 29.8 25.0 37.6

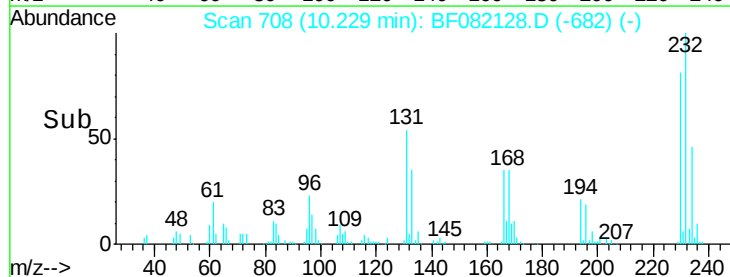
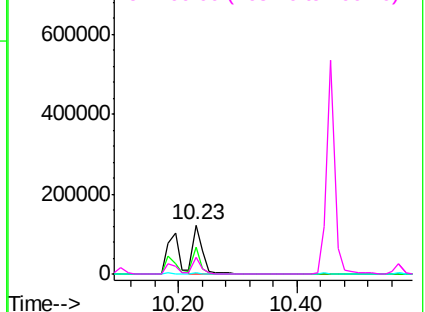


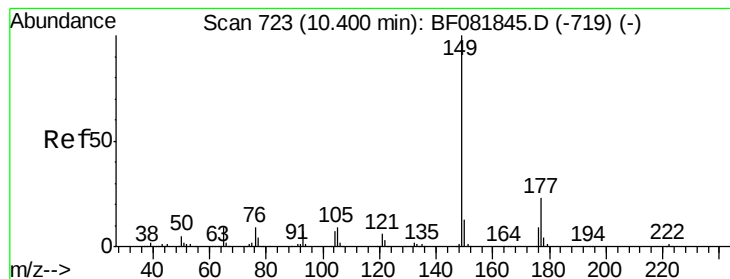
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.00 ng

RT: 10.33 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

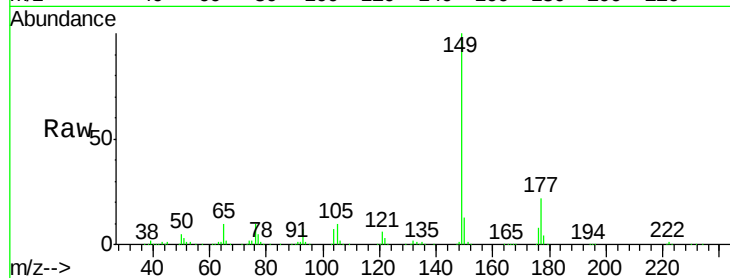
Tot Ion:149 Resp: 526950

Ion Ratio Lower Upper

149 100

177 21.5 17.5 26.3

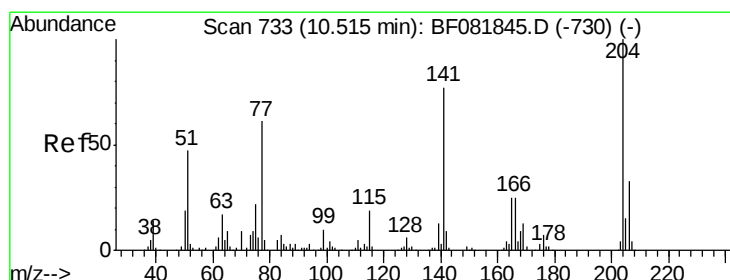
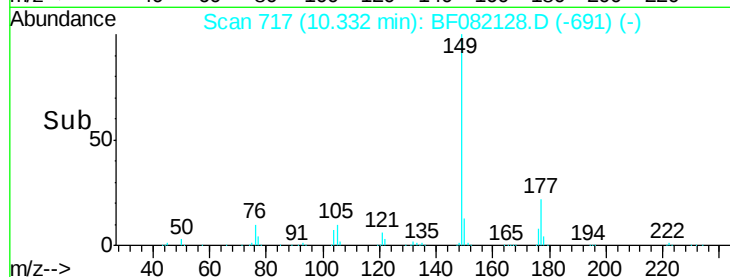
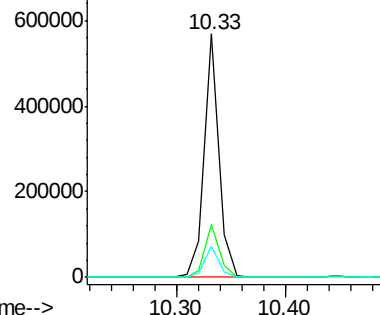
150 12.9 9.4 14.2



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: 44.71 ng

RT: 10.45 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

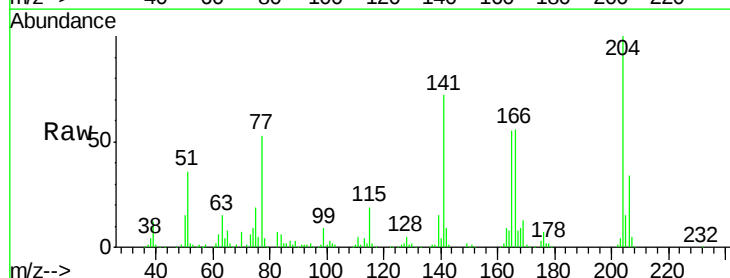
Tgt Ion:204 Resp: 231577

Ion Ratio Lower Upper

204 100

206 34.1 24.8 37.2

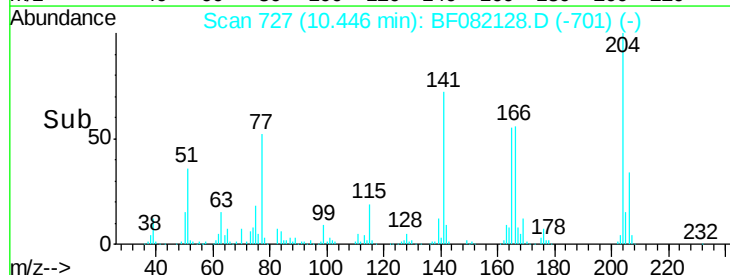
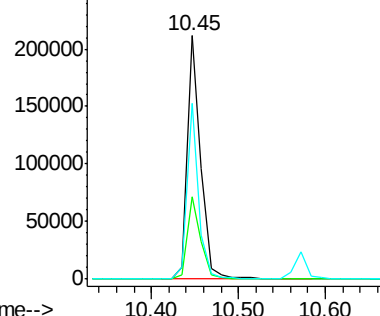
141 72.0 42.2 63.4#

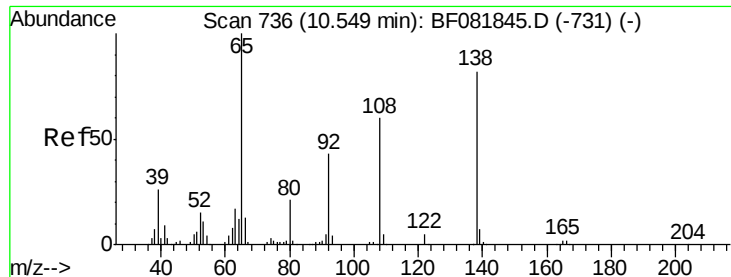


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

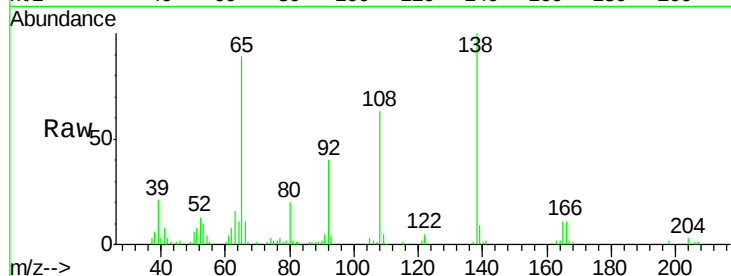




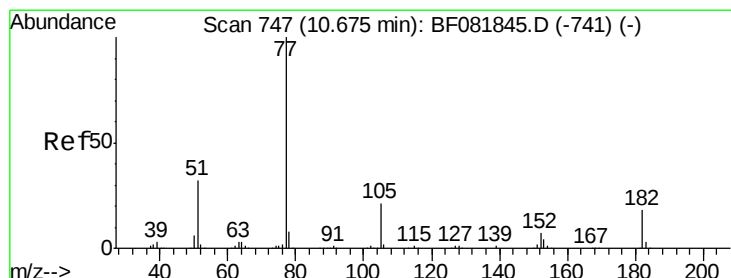
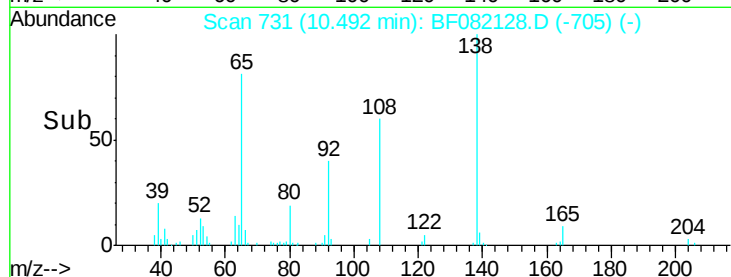
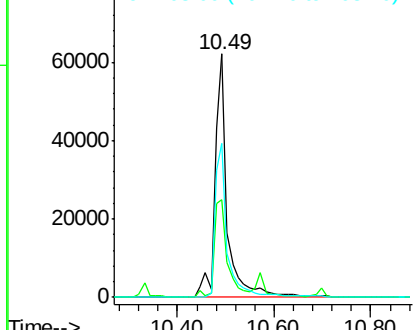
#61
4-Nitroaniline
Concen: 37.23 ng
RT: 10.49 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Instrument :
BNA_F
ClientSampleId :
WC100515MSD

Tot Ion:138 Resp: 112536
Ion Ratio Lower Upper
138 100
92 40.2 12.6 52.6
108 63.1 12.4 52.4#

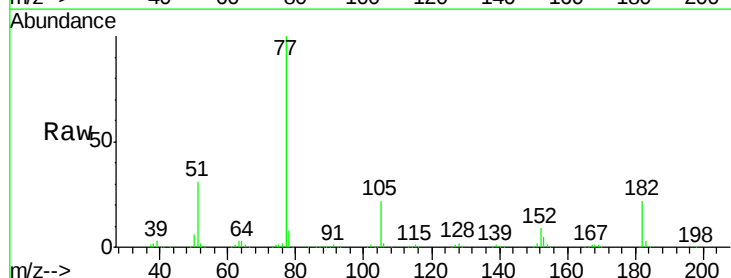


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

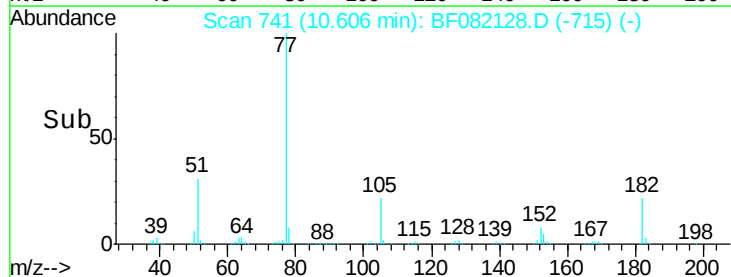
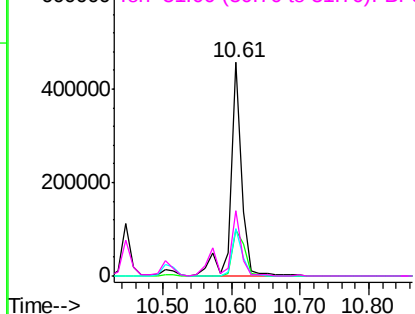


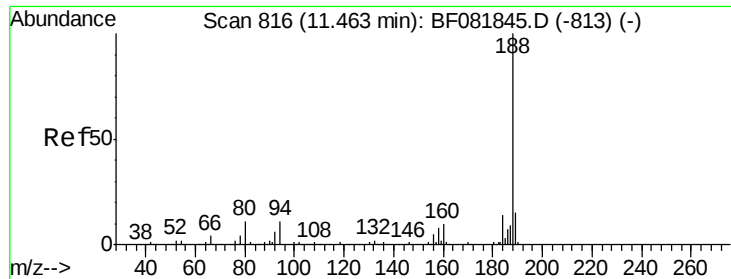
#62
Azobenzene
Concen: 46.51 ng
RT: 10.61 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Tgt Ion: 77 Resp: 508863
Ion Ratio Lower Upper
77 100
182 21.8 15.1 55.1
105 21.9 3.4 43.4
51 30.9 12.0 52.0



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

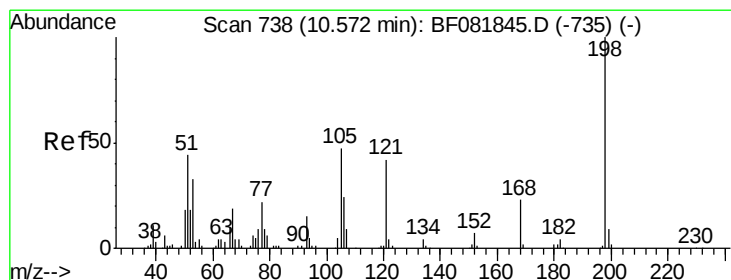
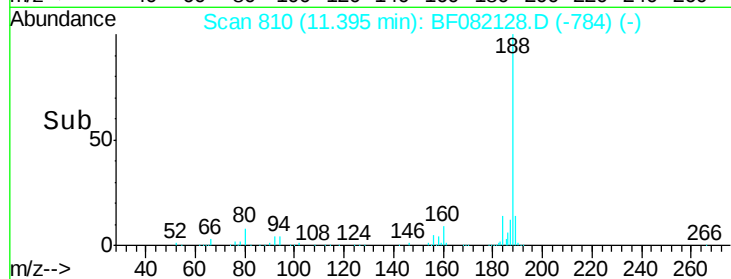
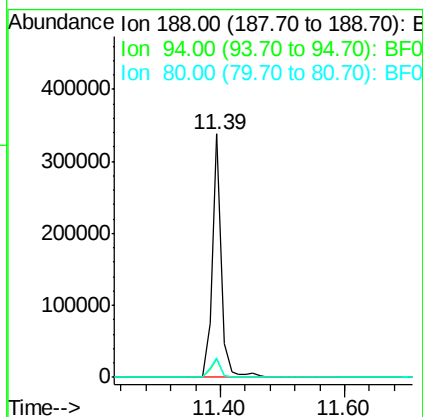
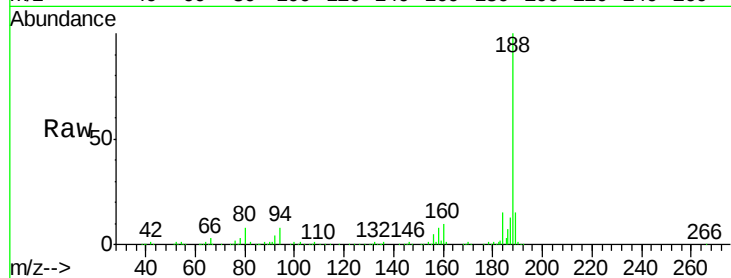




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

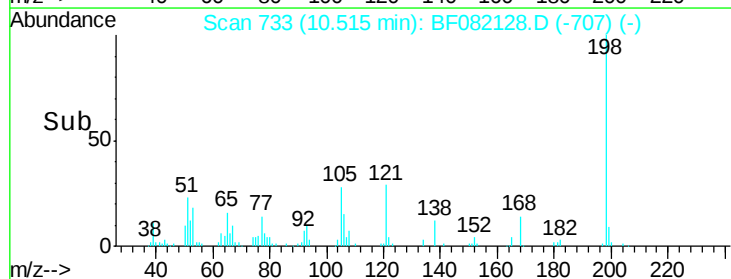
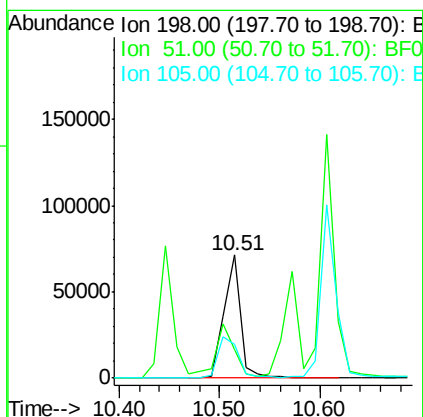
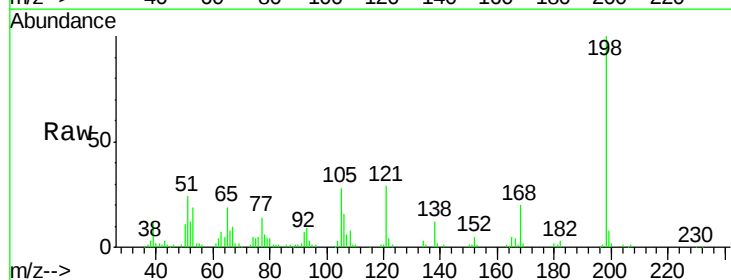
Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

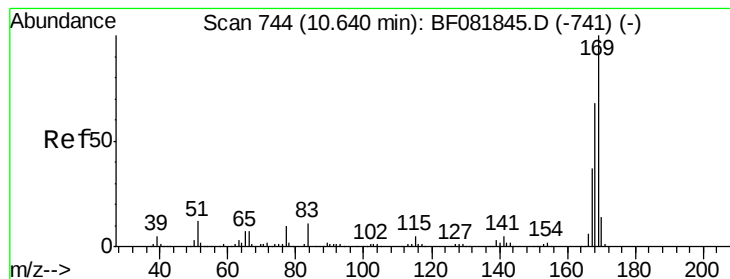
Tot Ion:188 Resp: 335779
 Ion Ratio Lower Upper
 188 100
 94 7.5 11.1 16.7#
 80 8.3 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 53.14 ng
 RT: 10.51 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Tgt Ion:198 Resp: 83026
 Ion Ratio Lower Upper
 198 100
 51 23.6 39.6 79.6#
 105 27.9 28.5 68.5#





#65

n-Nitrosodiphenylamine

Concen: 43.61 ng

RT: 10.57 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

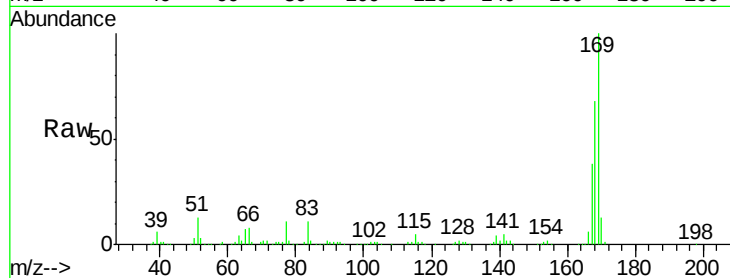
Tot Ion:169 Resp: 443092

Ion Ratio Lower Upper

169 100

168 67.5 48.9 73.3

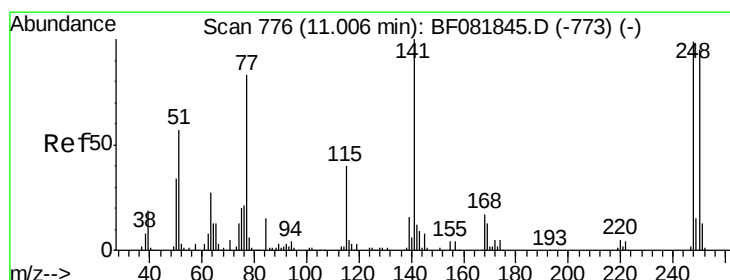
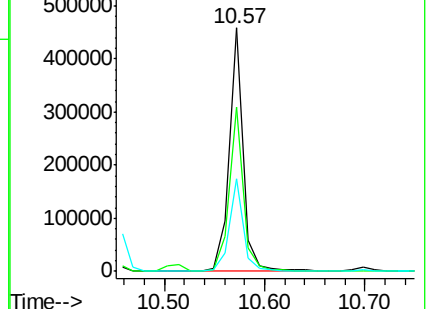
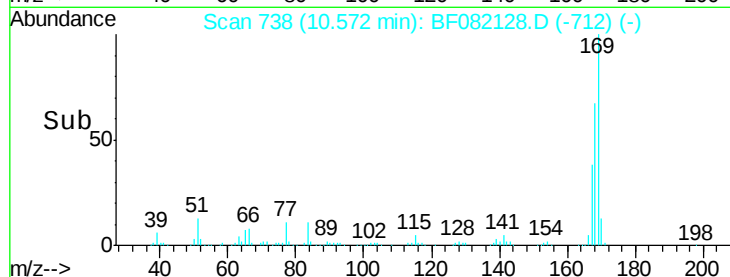
167 37.8 26.2 39.4



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: 47.48 ng

RT: 10.94 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

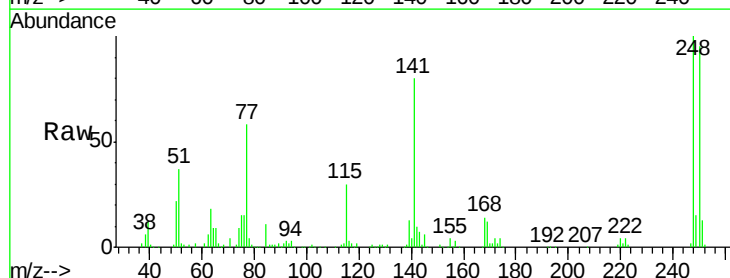
Tgt Ion:248 Resp: 160736

Ion Ratio Lower Upper

248 100

250 95.5 78.5 117.7

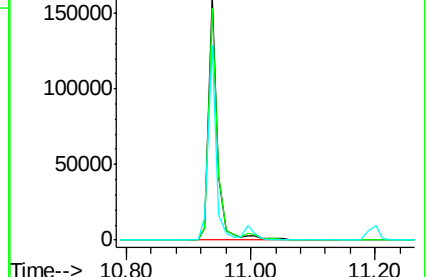
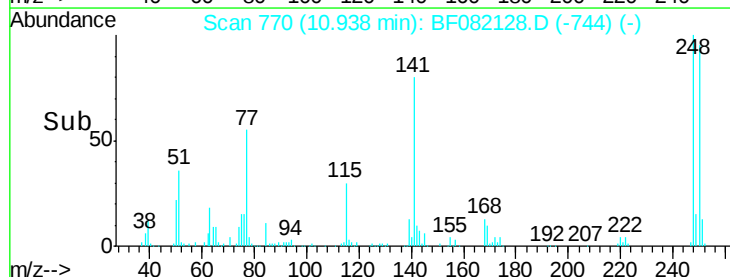
141 80.0 59.0 88.6

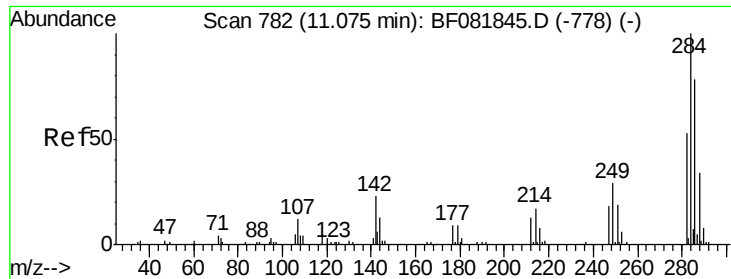


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

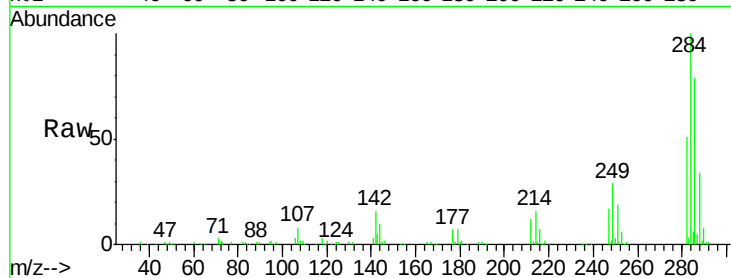




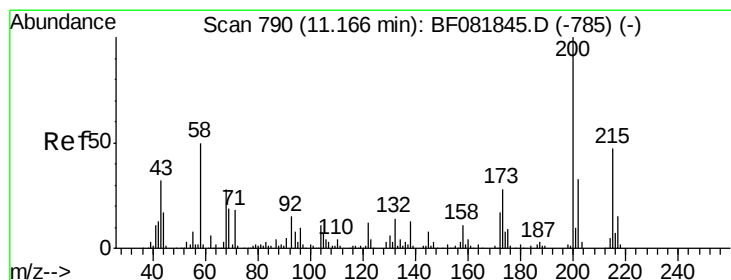
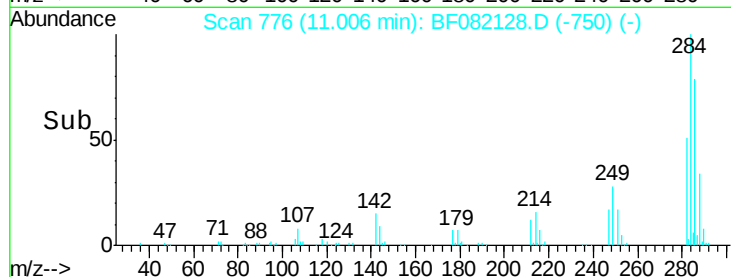
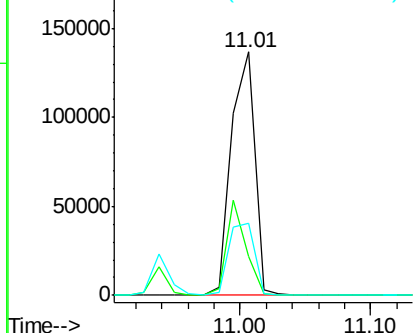
#67
Hexachlorobenzene
Concen: 44.51 ng
RT: 11.01 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Instrument :
BNA_F
ClientSampleId :
WC100515MSD

Tot Ion:284 Resp: 170067
Ion Ratio Lower Upper
284 100
142 16.2 29.5 44.3#
249 29.4 19.5 29.3#

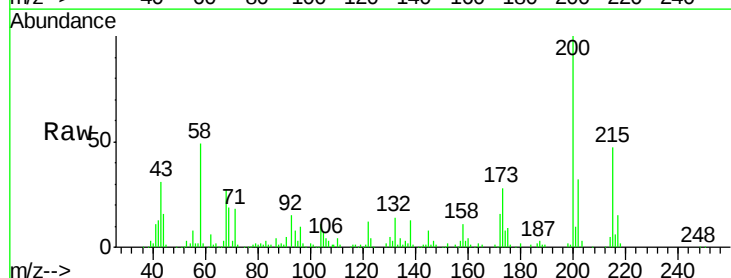


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

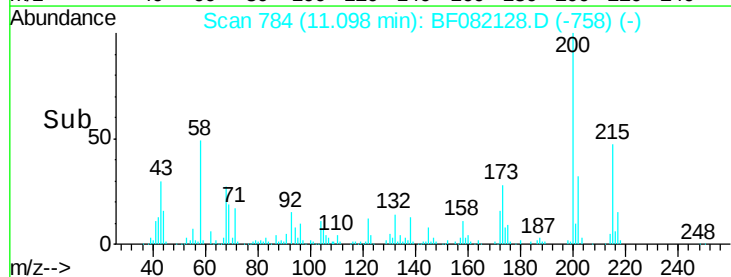
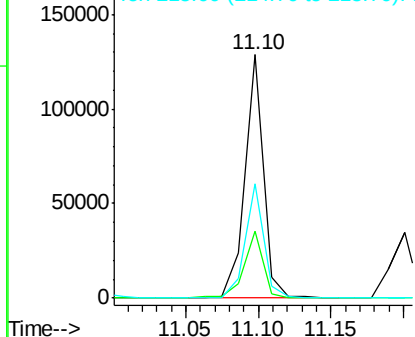


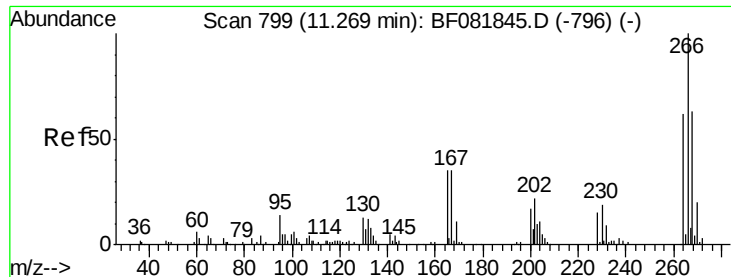
#68
Atrazine
Concen: 36.27 ng
RT: 11.10 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Tgt Ion:200 Resp: 114319
Ion Ratio Lower Upper
200 100
173 27.5 13.2 53.2
215 46.9 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

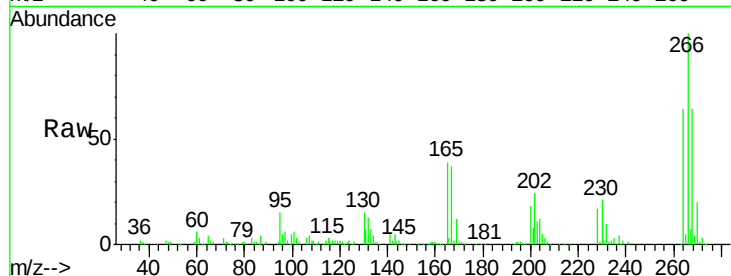




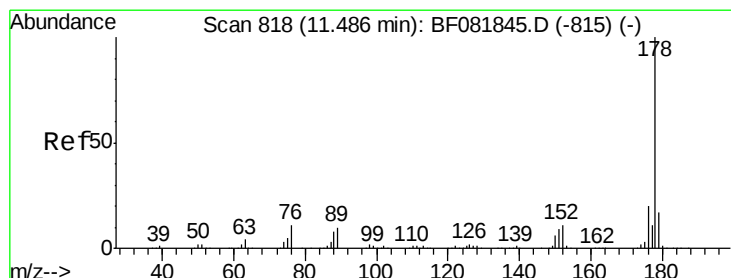
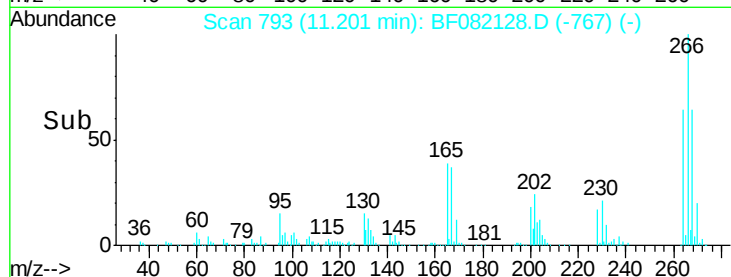
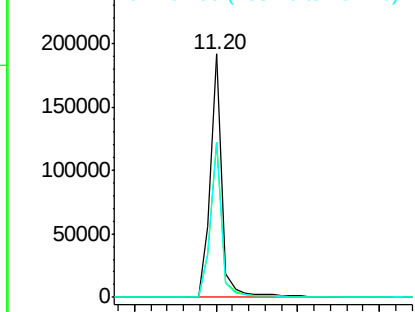
#69
 Pentachlorophenol
 Concen: 90.64 ng
 RT: 11.20 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

Tot Ion:266 Resp: 197341
 Ion Ratio Lower Upper
 266 100
 268 63.8 49.8 74.6
 264 63.5 50.2 75.2

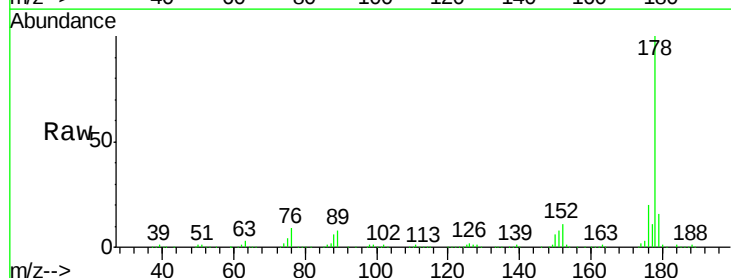


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

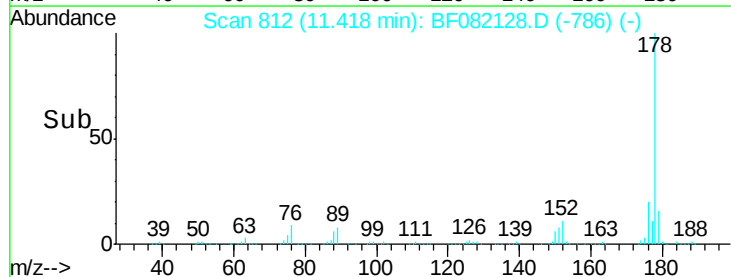
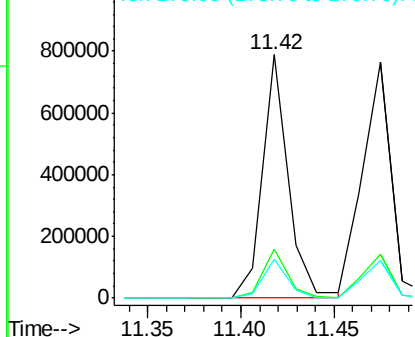


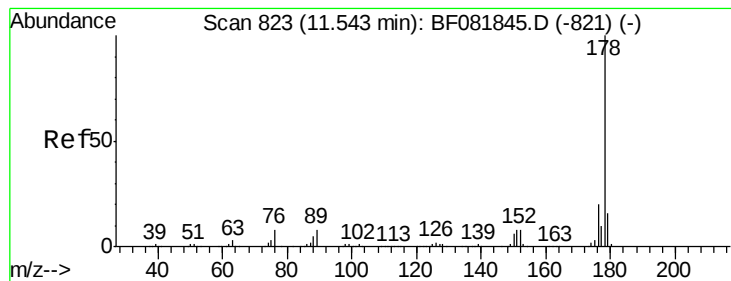
#70
 Phenanthrene
 Concen: 46.65 ng
 RT: 11.42 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Tgt Ion:178 Resp: 752868
 Ion Ratio Lower Upper
 178 100
 176 20.1 13.8 20.8
 179 15.9 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

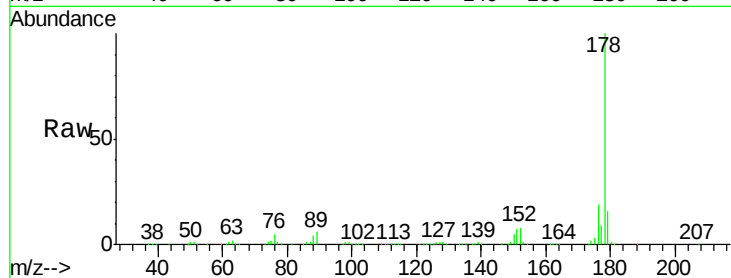




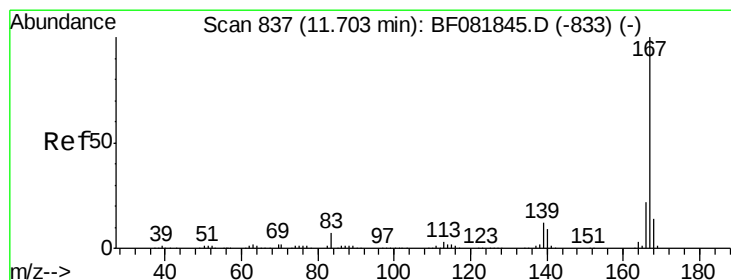
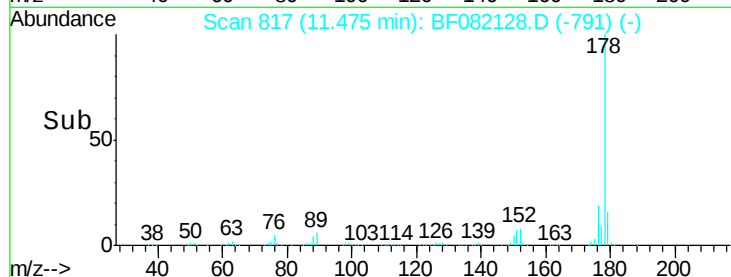
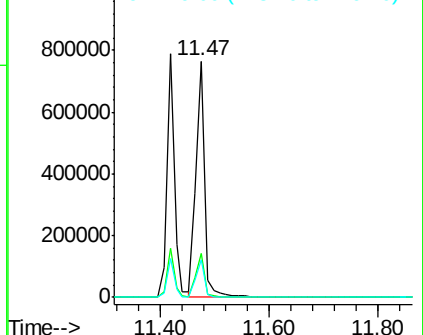
#71
 Anthracene
 Concen: 49.66 ng
 RT: 11.47 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

Tot Ion:178 Resp: 847492
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 15.8 12.2 18.2

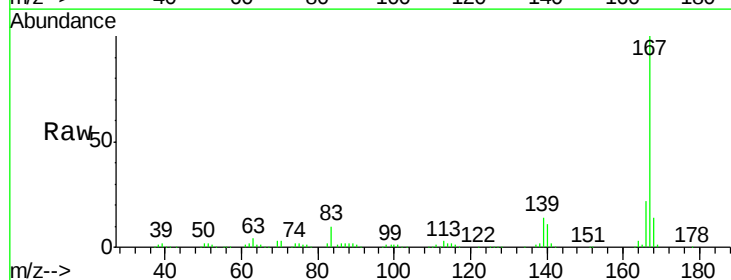


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

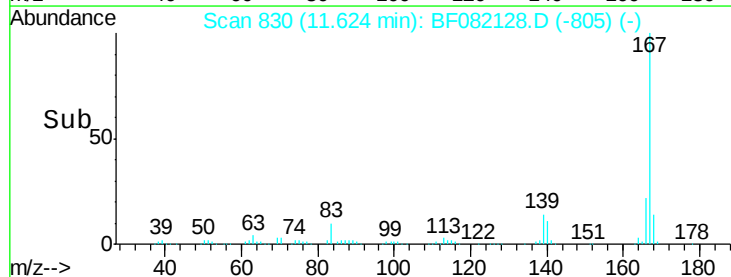
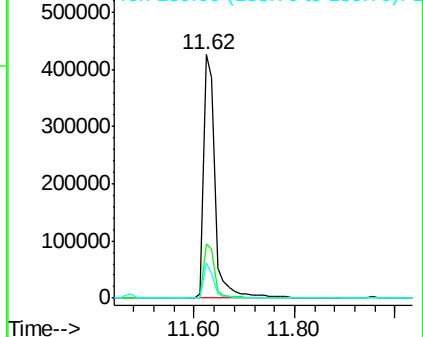


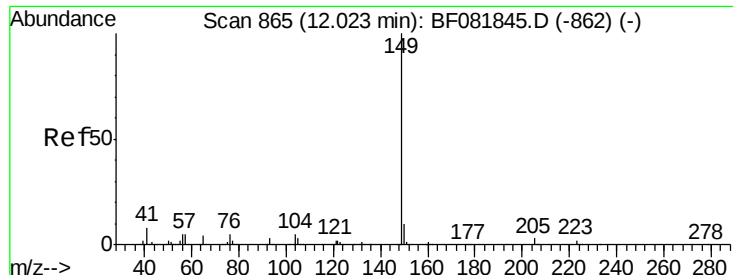
#72
 Carbazole
 Concen: 43.70 ng
 RT: 11.62 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Tgt Ion:167 Resp: 675045
 Ion Ratio Lower Upper
 167 100
 166 22.3 15.7 23.5
 139 14.1 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: 56.34 ng

RT: 11.96 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

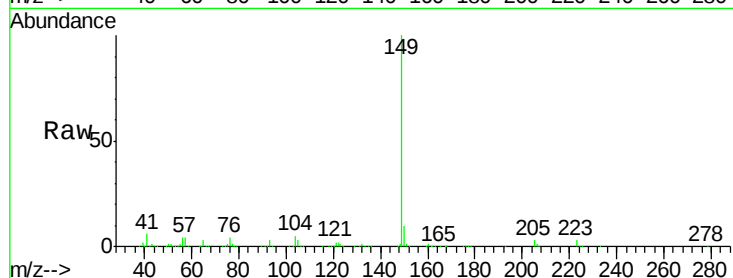
Tot Ion:149 Resp: 880973

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

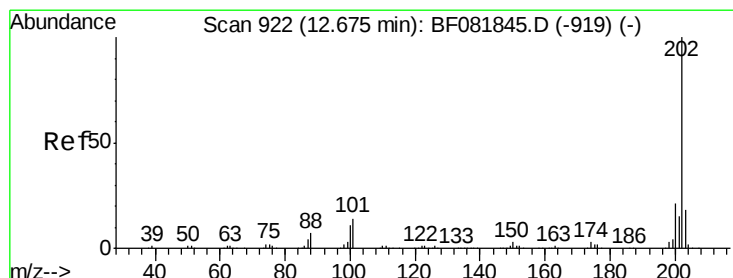
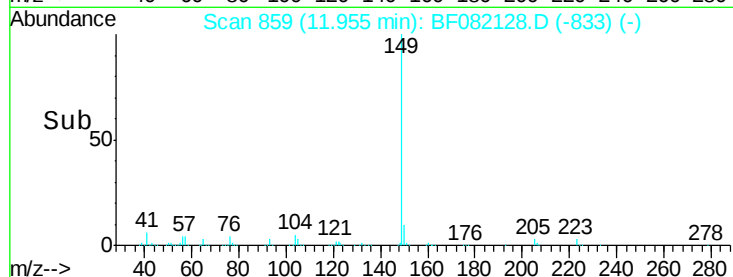
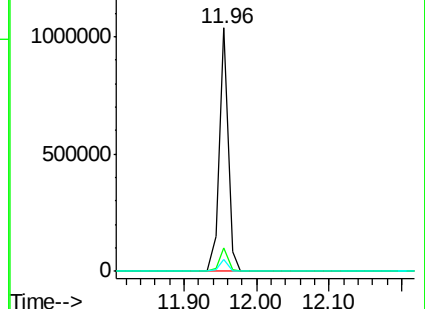
104 4.7 2.4 3.6#



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: 46.55 ng

RT: 12.61 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

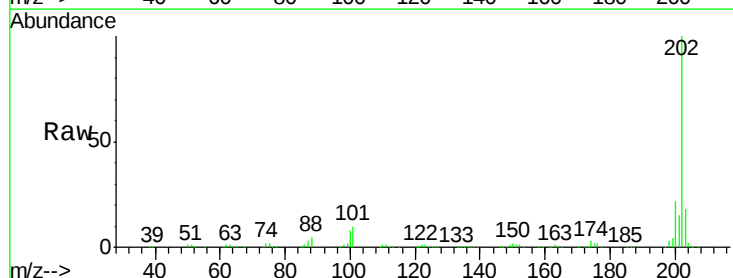
Tgt Ion:202 Resp: 837304

Ion Ratio Lower Upper

202 100

101 10.3 0.0 38.3

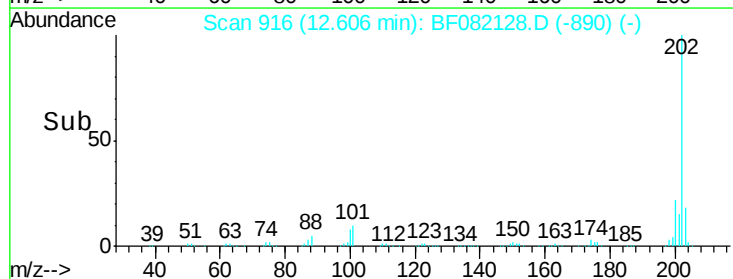
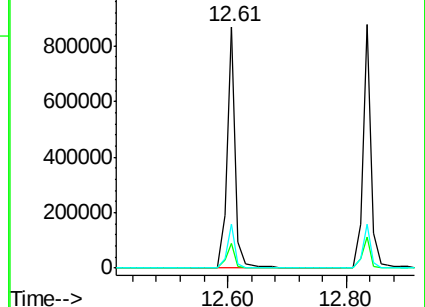
203 18.0 0.0 37.3

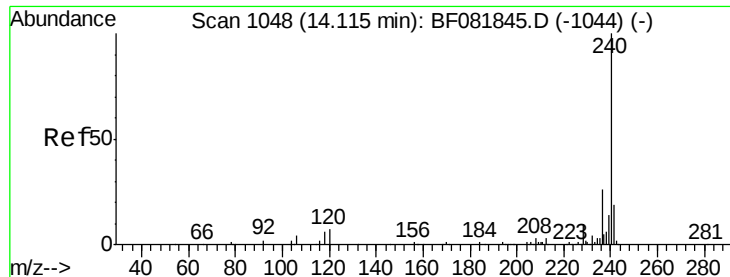


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.04 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

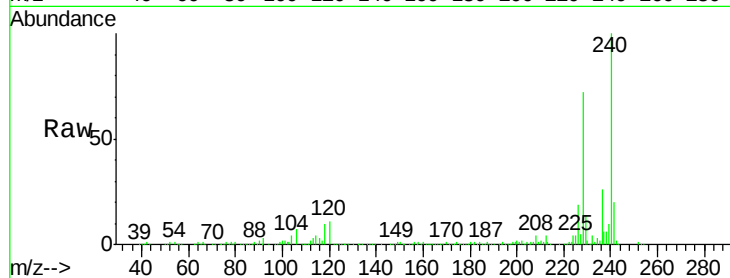
Tot Ion:240 Resp: 313002

Ion Ratio Lower Upper

240 100

120 10.6 16.2 24.2#

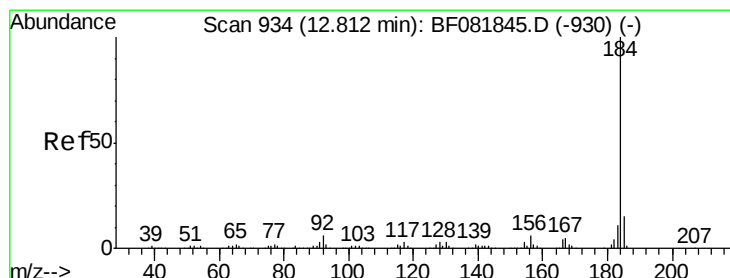
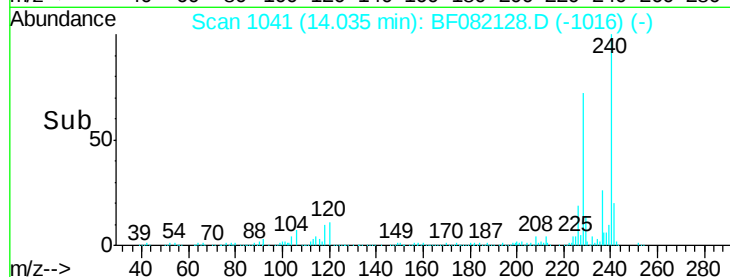
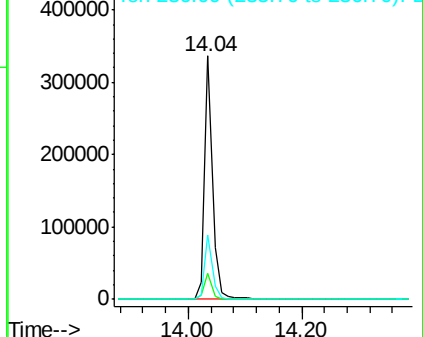
236 26.4 18.4 27.6



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: 3.03 ng

RT: 12.74 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

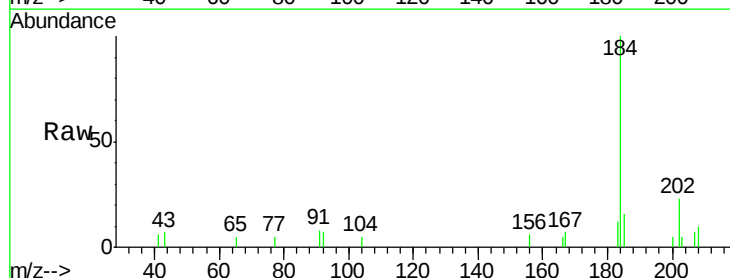
Tgt Ion:184 Resp: 28615

Ion Ratio Lower Upper

184 100

185 15.7 11.8 17.6

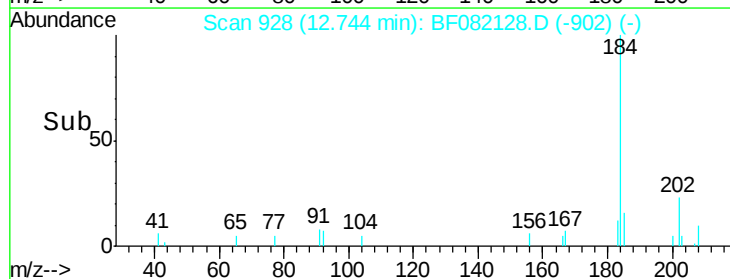
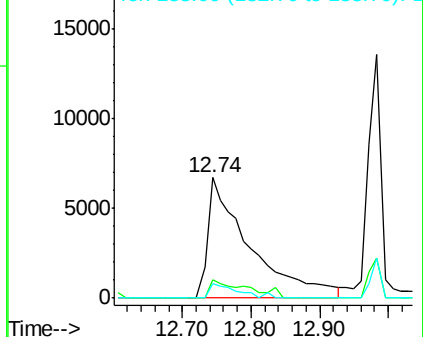
183 11.7 7.6 11.4#

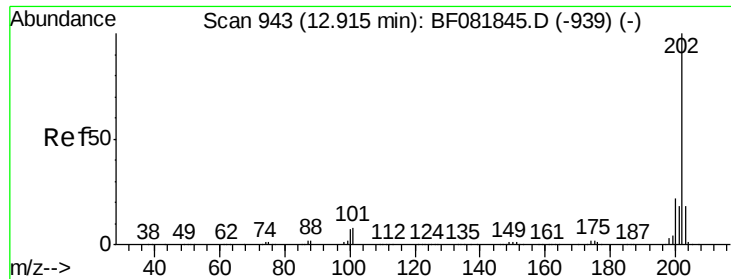


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

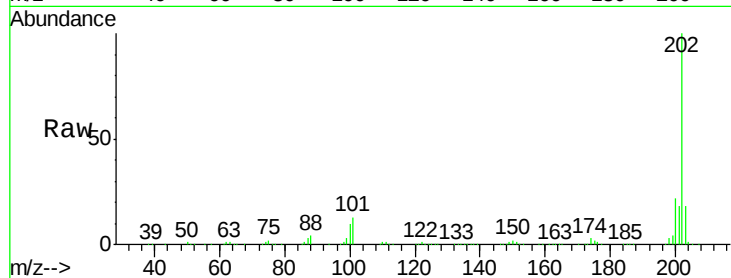




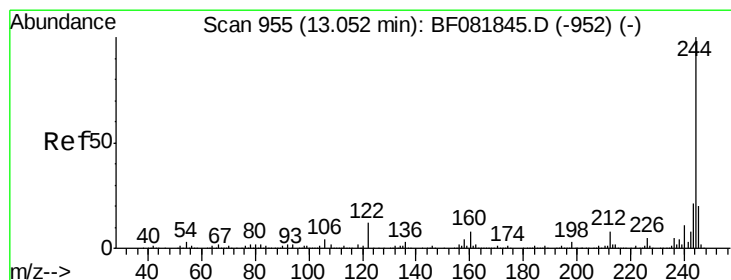
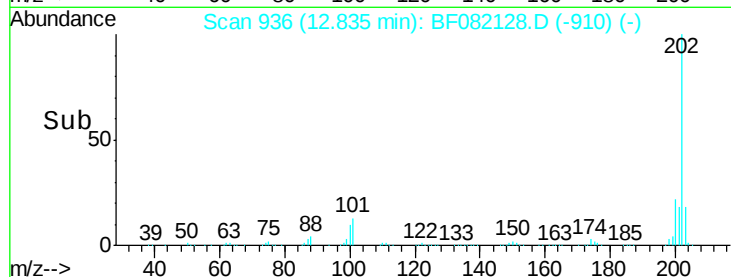
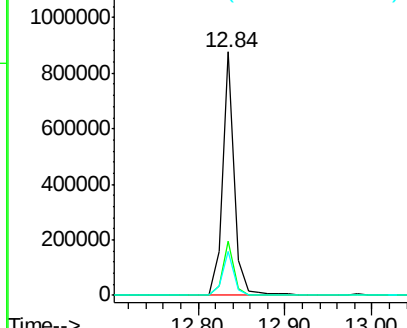
#77
Pvrene
Concen: 44.33 ng
RT: 12.84 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Instrument :
BNA_F
ClientSampleId :
WC100515MSD

Tot Ion:202 Resp: 828877
Ion Ratio Lower Upper
202 100
200 22.3 15.0 22.4
203 18.2 14.1 21.1

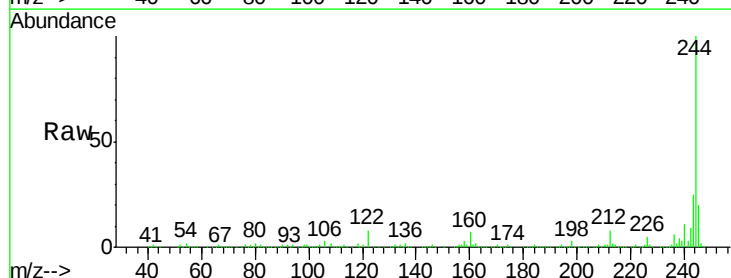


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

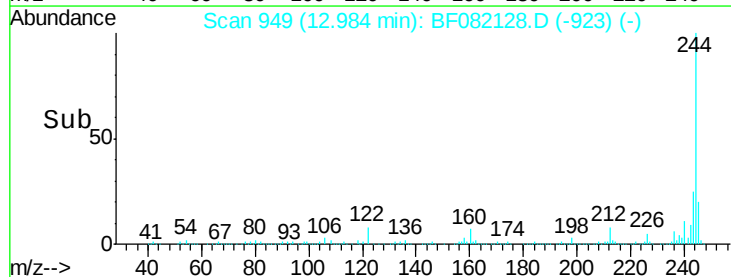
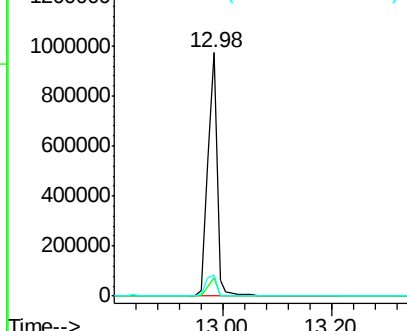


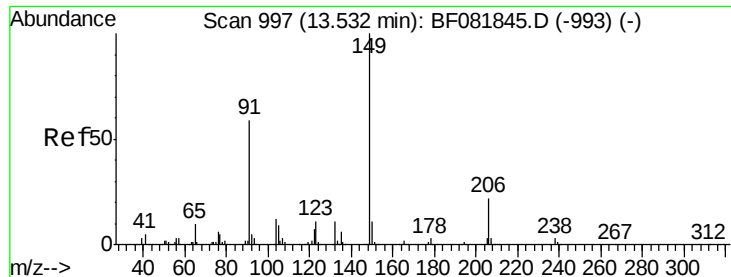
#78
Terphenyl-d14
Concen: 143.92 ng
RT: 12.98 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Tgt Ion:244 Resp: 1138160
Ion Ratio Lower Upper
244 100
212 7.6 4.3 6.5#
122 8.4 17.4 26.2#



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

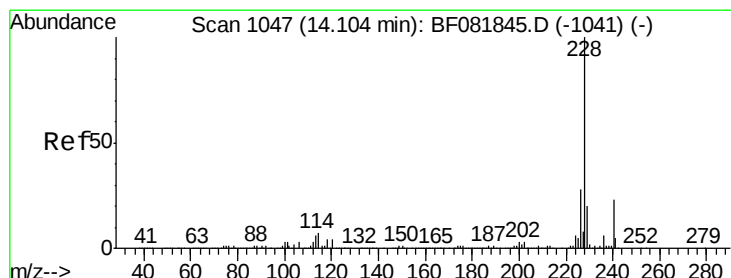
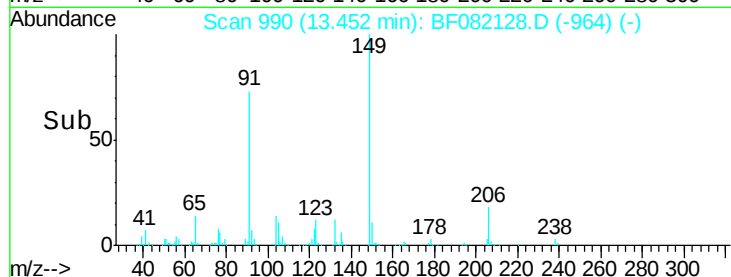
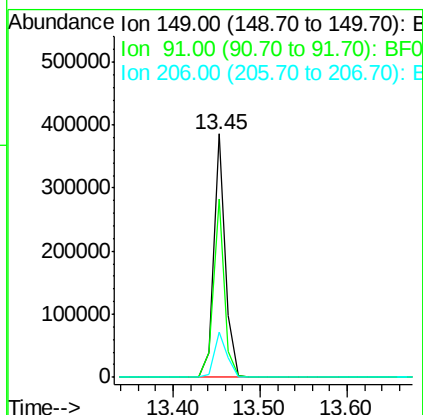
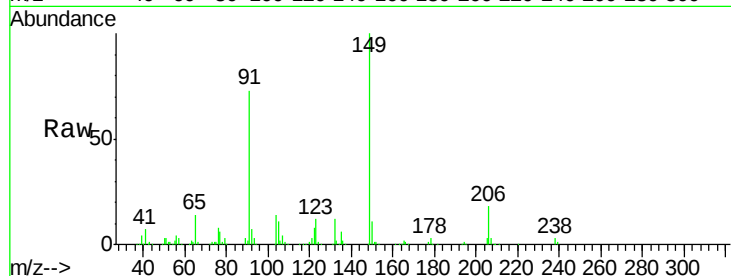




#79
Butylbenzylphthalate
Concen: 52.11 ng
RT: 13.45 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

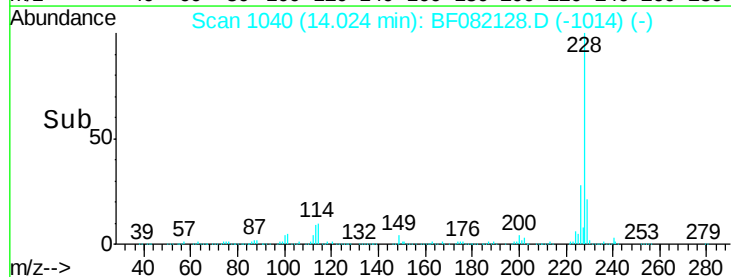
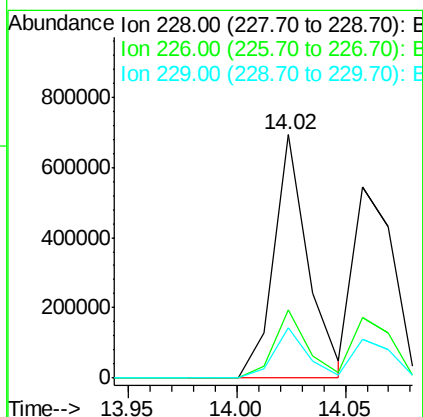
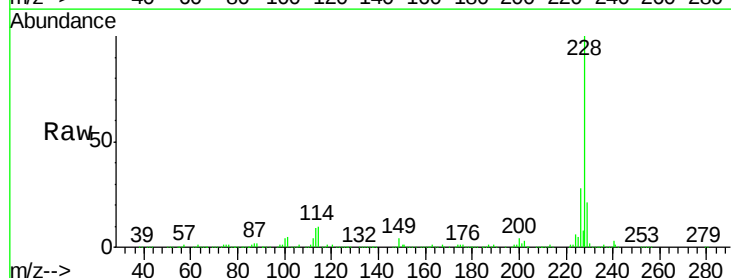
Instrument :
BNA_F
ClientSampleId :
WC100515MSD

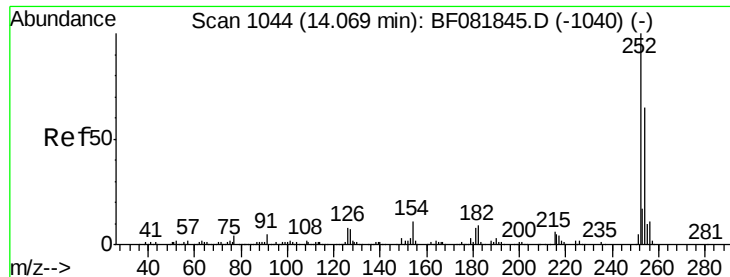
Tot Ion:149 Resp: 366642
Ion Ratio Lower Upper
149 100
91 73.4 48.6 72.8#
206 18.5 14.9 22.3



#80
Benzo(a)anthracene
Concen: 45.33 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Tgt Ion:228 Resp: 764092
Ion Ratio Lower Upper
228 100
226 28.1 20.0 30.0
229 20.5 15.4 23.2

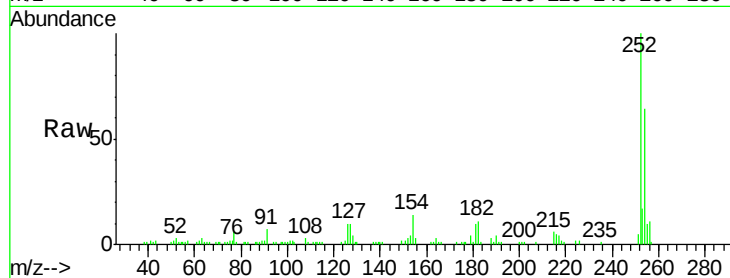




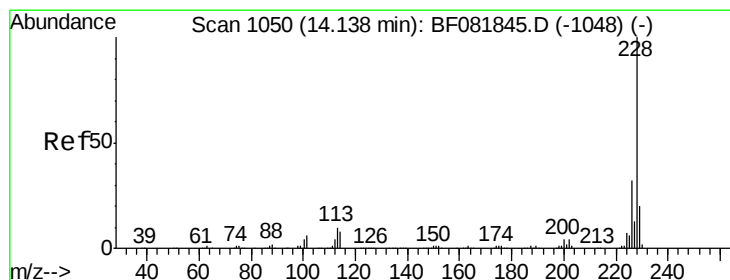
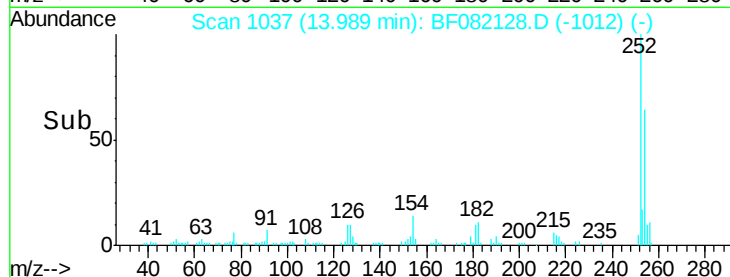
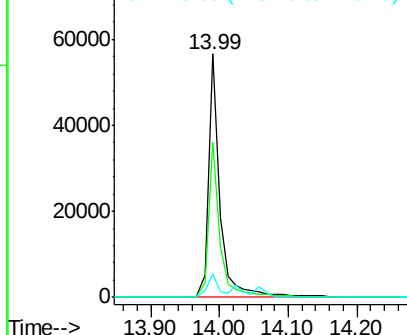
#81
 3,3'-Dichlorobenzidine
 Concen: 11.66 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

Tot Ion:252 Resp: 66354
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.4 77.2
 126 9.5 16.4 24.6#

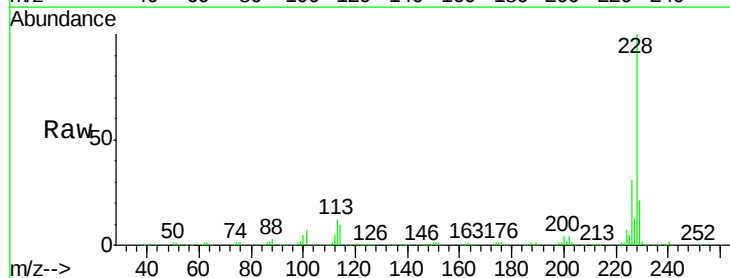


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

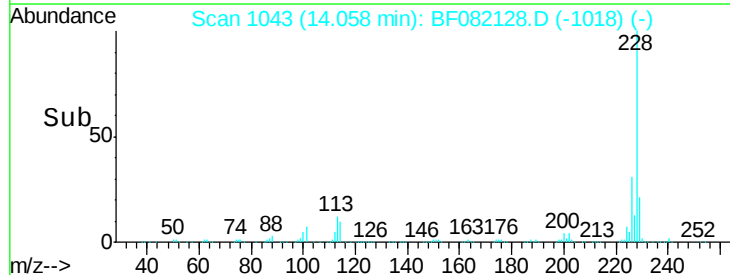
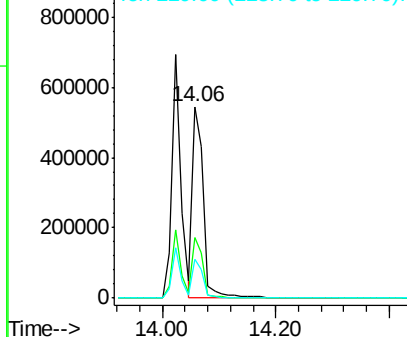


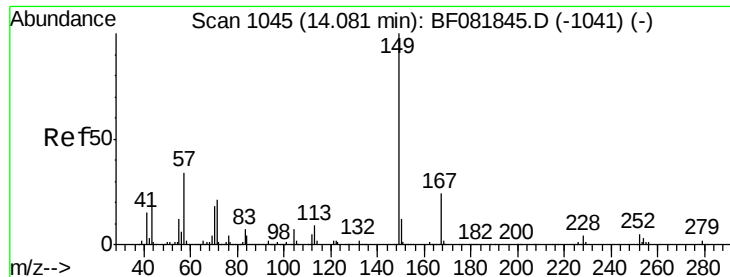
#82
 Chrysene
 Concen: Below Cal
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Tgt Ion:228 Resp: 742648
 Ion Ratio Lower Upper
 228 100
 226 31.3 21.0 31.4
 229 20.6 15.6 23.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 62.31 ng

RT: 14.01 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

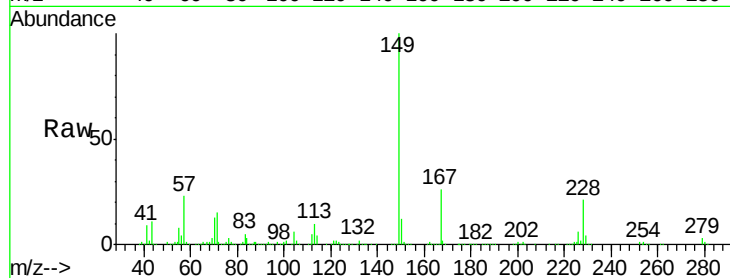
Tot Ion:149 Resp: 549998

Ion Ratio Lower Upper

149 100

167 26.5 24.2 36.2

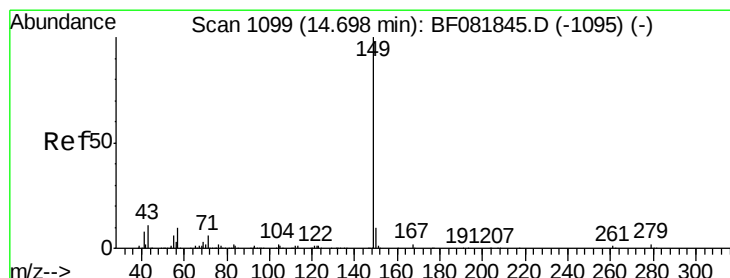
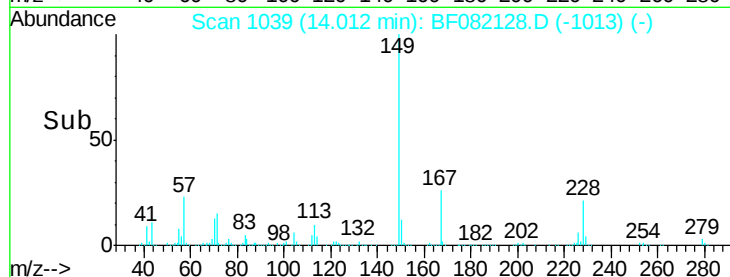
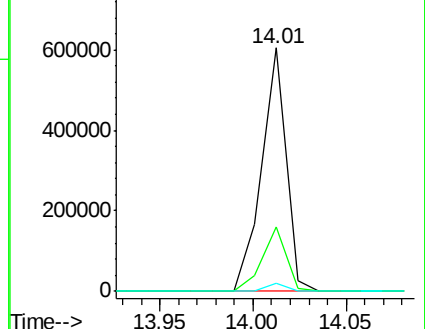
279 3.4 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 62.31 ng

RT: 14.63 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

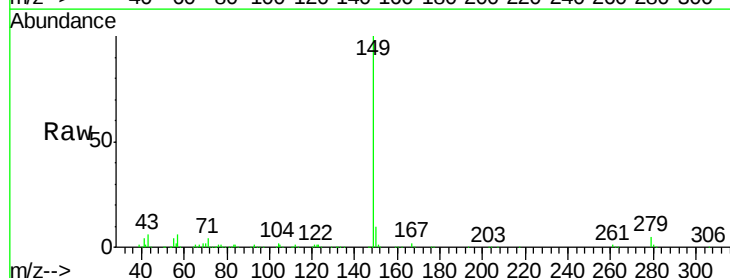
Tgt Ion:149 Resp: 895061

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

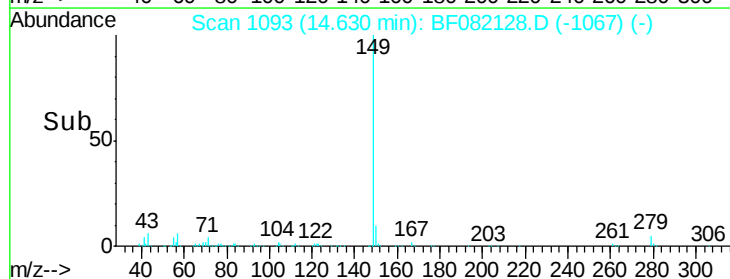
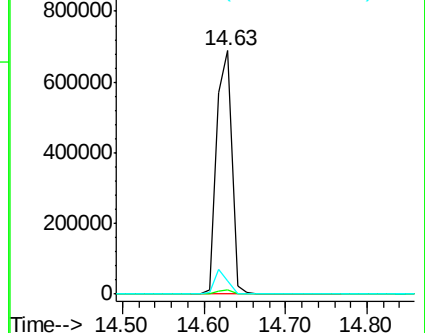
43 8.8 10.2 15.2#

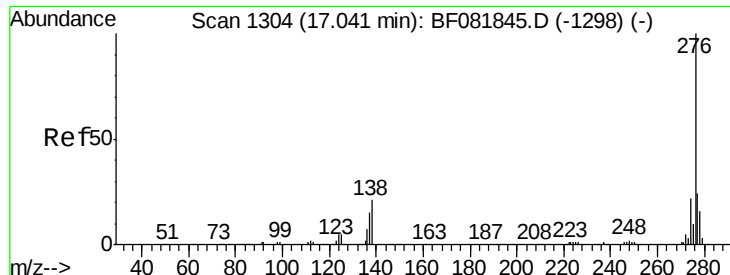


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

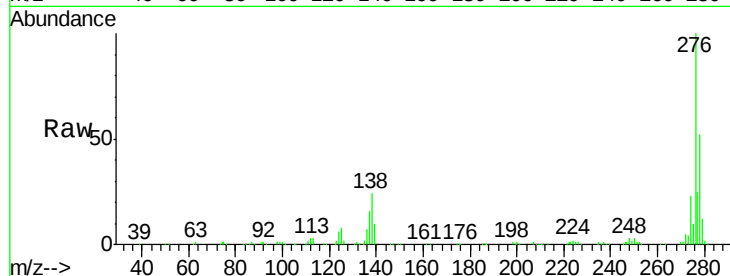




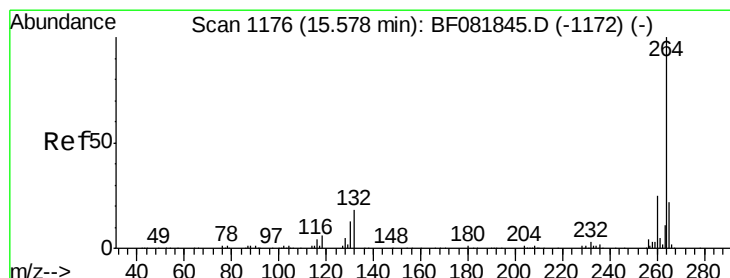
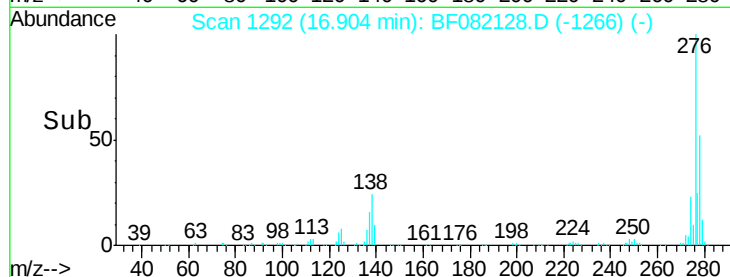
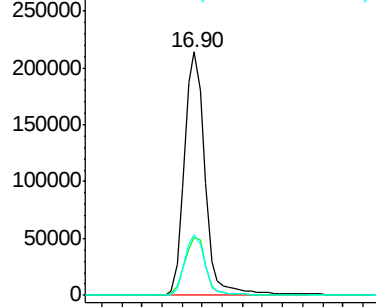
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.83 ng
 RT: 16.90 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

Tot Ion:276 Resp: 617489
 Ion Ratio Lower Upper
 276 100
 138 24.7 25.7 38.5#
 277 25.0 15.6 23.4#

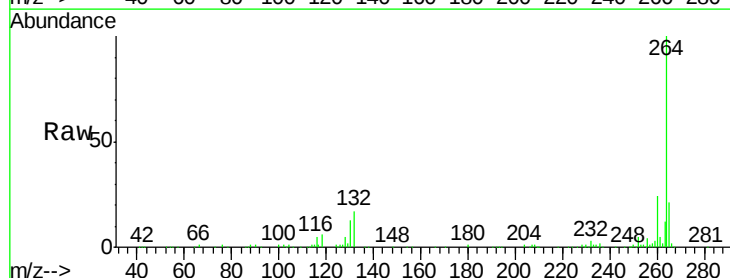


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

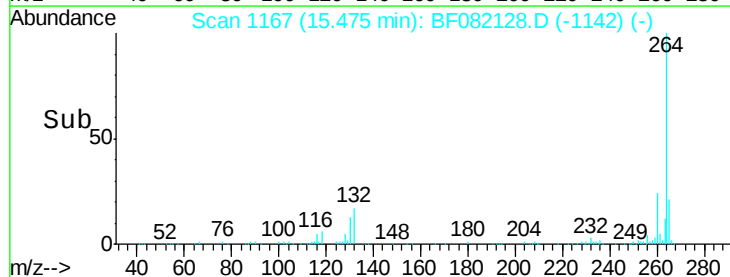
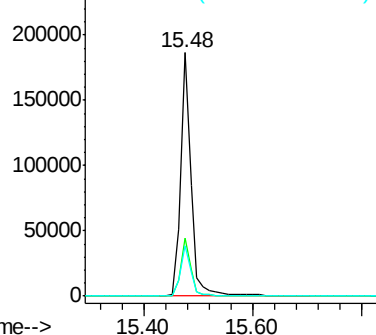


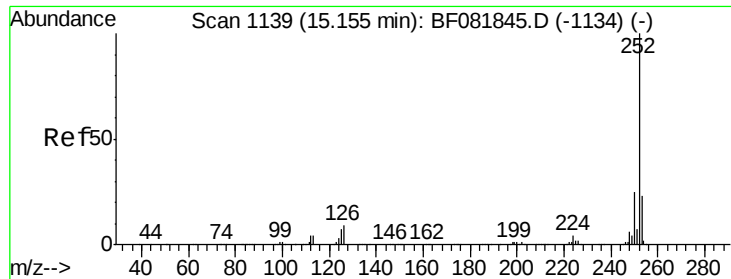
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Tgt Ion:264 Resp: 249780
 Ion Ratio Lower Upper
 264 100
 260 23.8 16.7 25.1
 265 20.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.72 ng

RT: 15.06 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

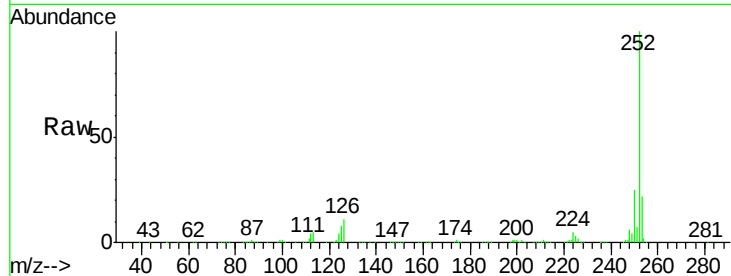
Tot Ion:252 Resp: 694759

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

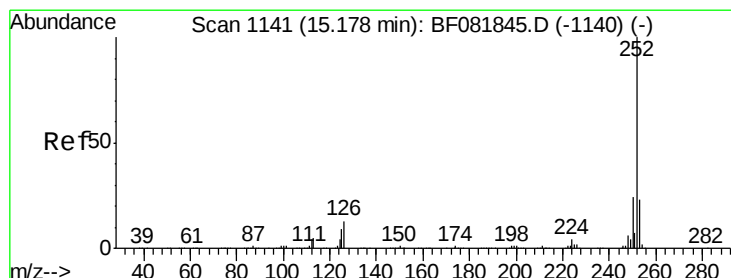
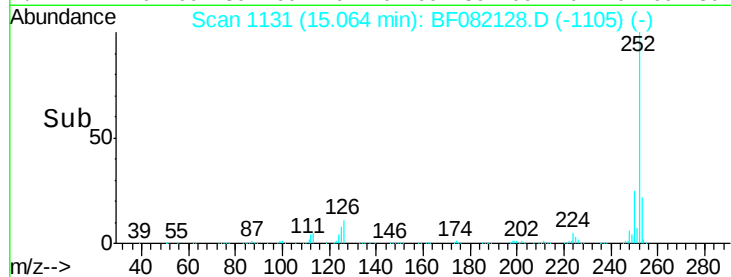
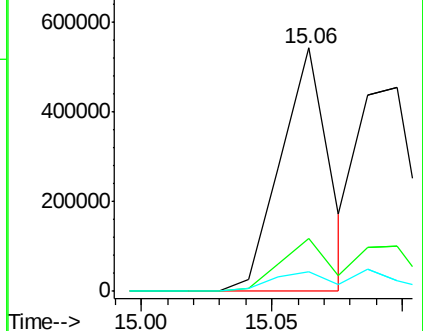
125 8.2 17.1 25.7#



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: 53.15 ng

RT: 15.06 min Scan# 1131

Delta R.T. -0.03 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

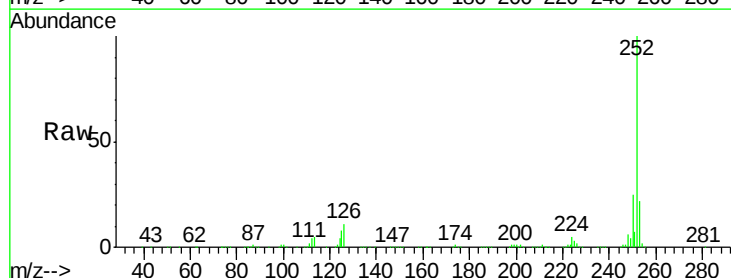
Tgt Ion:252 Resp: 694759

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

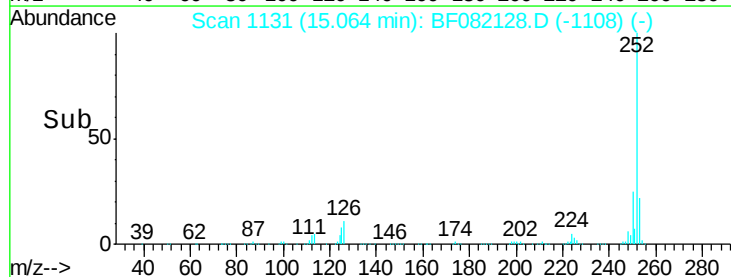
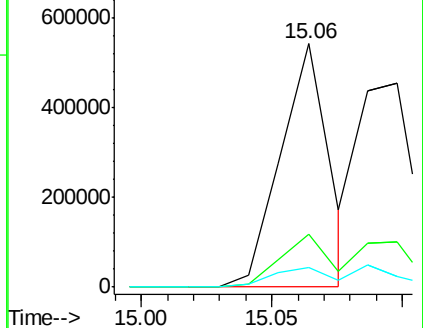
125 8.2 16.0 24.0#

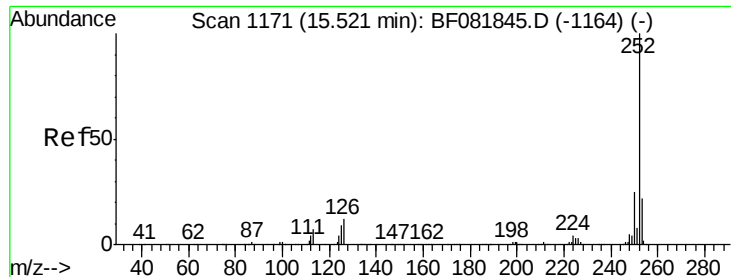


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

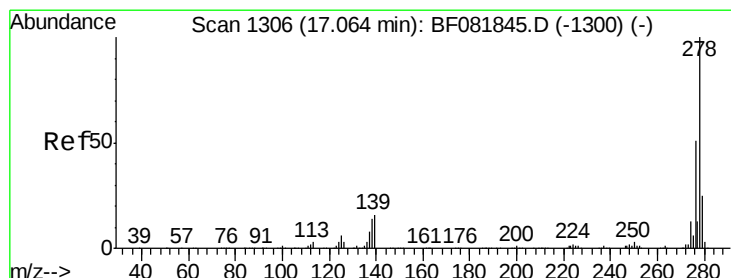
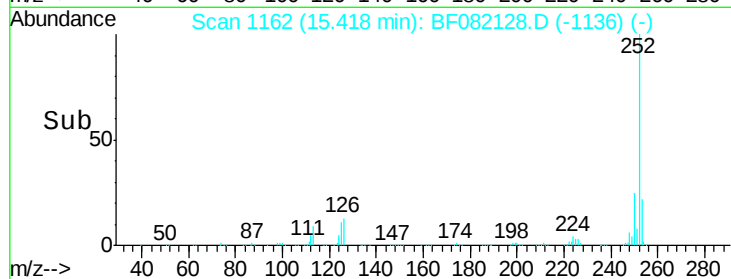
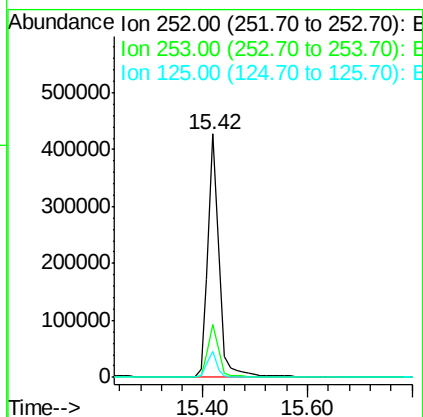
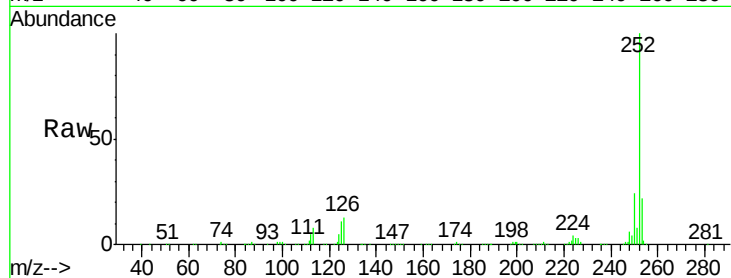




#89
Benzo(a)pyrene
Concen: 50.87 ng
RT: 15.42 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

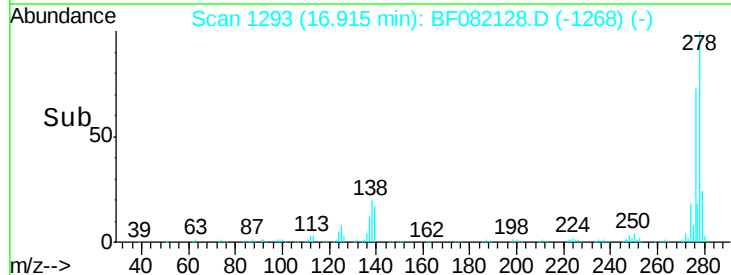
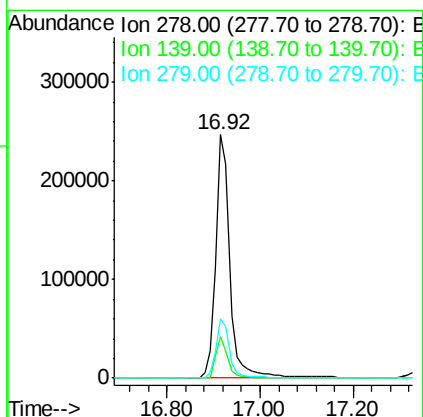
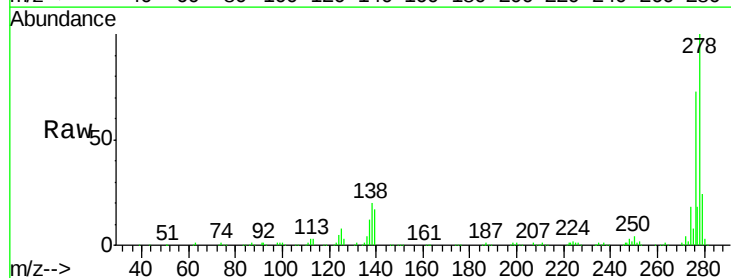
Instrument :
BNA_F
ClientSampleId :
WC100515MSD

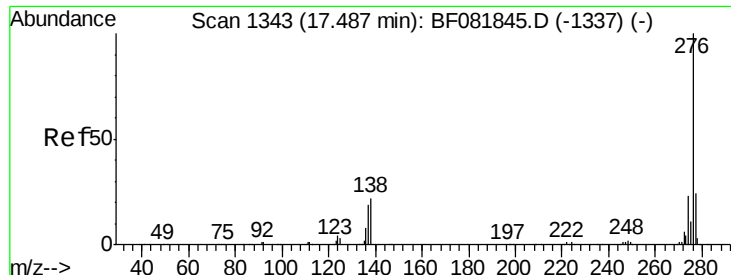
Tot Ion:252 Resp: 629295
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.8 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 49.97 ng
RT: 16.92 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Tgt Ion:278 Resp: 518665
Ion Ratio Lower Upper
278 100
139 17.1 26.3 39.5#
279 24.5 18.2 27.4





#91

Benzo(a,h,i)perylene

Concen: 47.40 ng

RT: 17.34 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

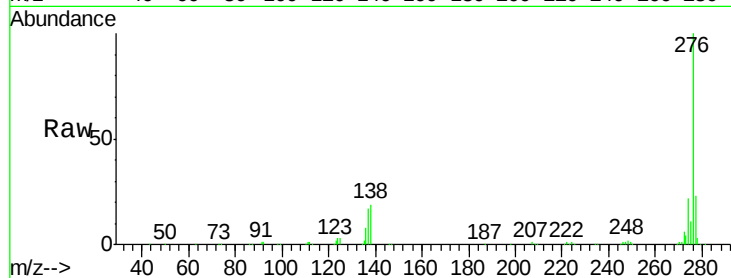
Tot Ion:276 Resp: 504160

Ion Ratio Lower Upper

276 100

277 23.5 17.8 26.6

138 18.8 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

