

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 08:09:08 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	114539m	21.59	ng	
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	6.80	146	260021m	42.55	ng	
13) 1,4-Dichlorobenzene	6.88	146	279710m	43.84	ng	
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	47396m	38.39	ng	
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

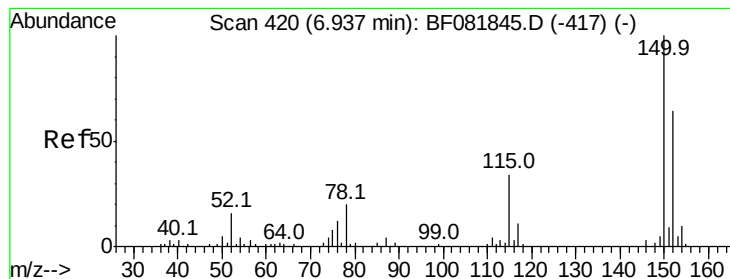
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	155149	42.39	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	177117	47.06	nq	97
45) 1,1'-Biphenyl	9.33	154	574818	42.85	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	15.10	252	690525m	52.83	nq	
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

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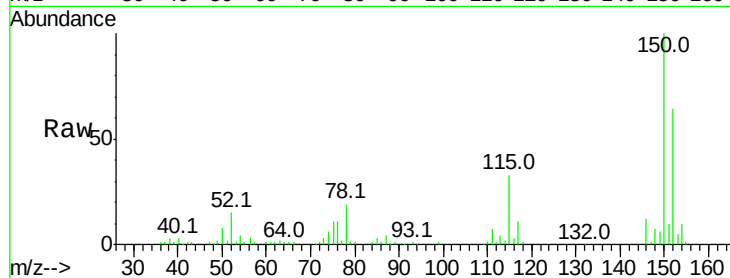
Tot Ion:152 Resp: 85043

Ion Ratio Lower Upper

152 100

150 156.7 124.7 187.1

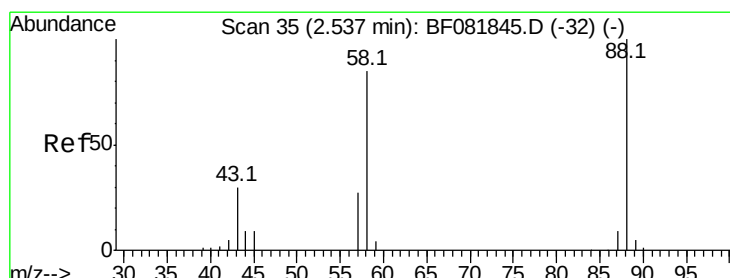
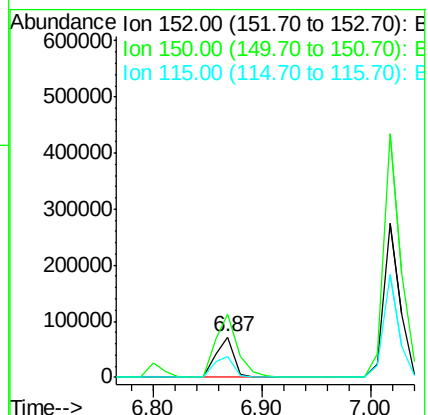
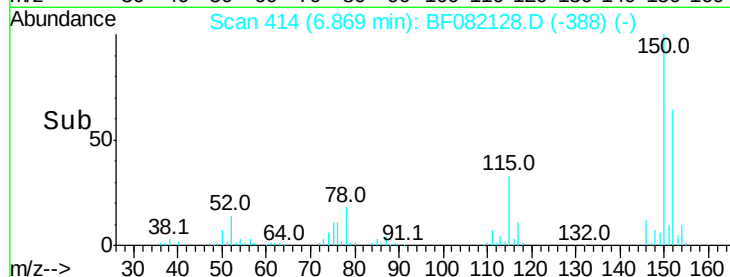
115 51.0 39.0 58.4



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

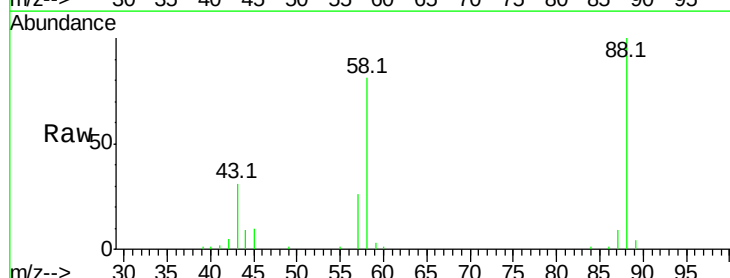
Tgt Ion: 88 Resp: 78205

Ion Ratio Lower Upper

88 100

58 82.6 77.7 116.5

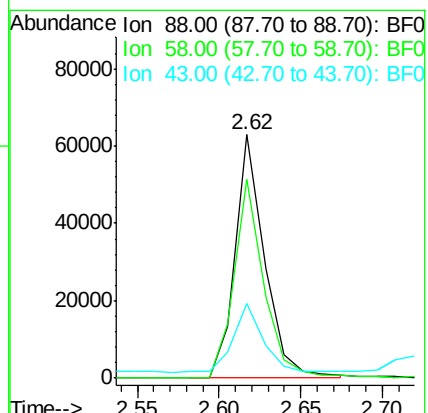
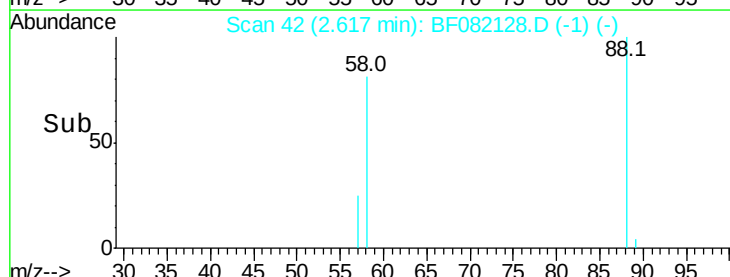
43 0.0 26.6 40.0#

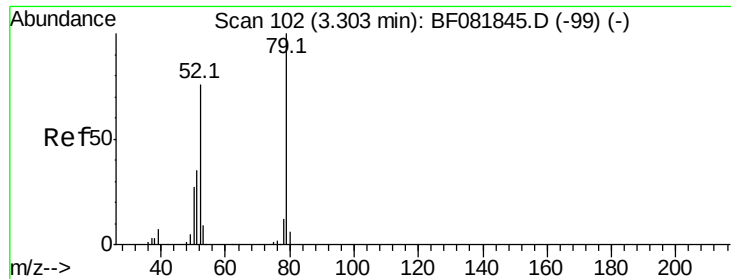


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

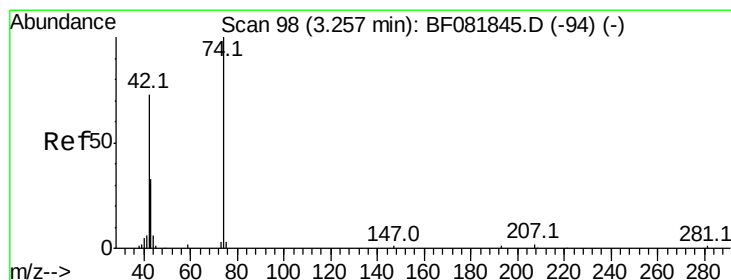
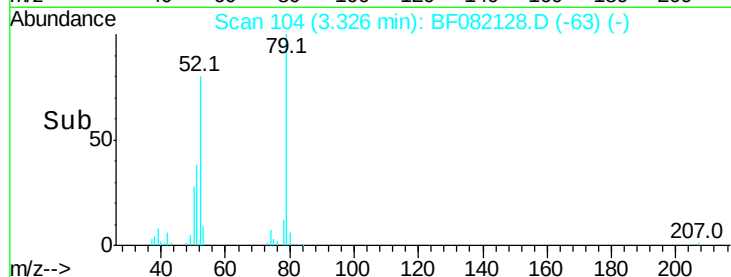
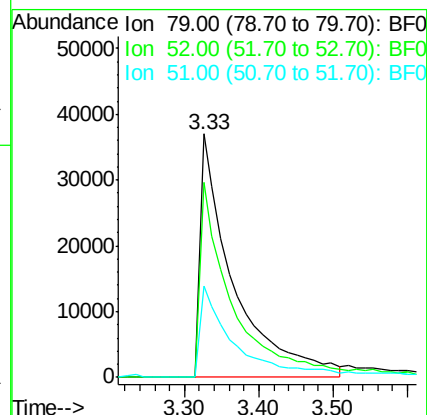
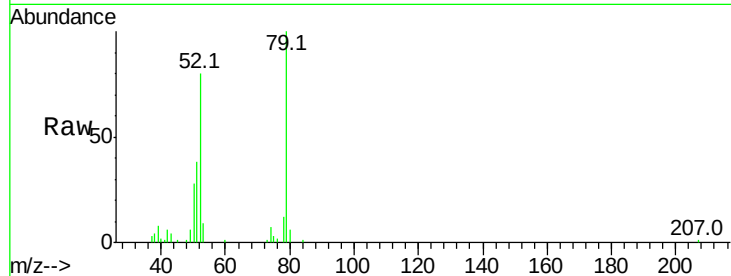




#3
 Pvridine
 Concen: 21.59 ng/ml
 RT: 3.33 min Scan# 104
 Delta R.T. 0.17 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

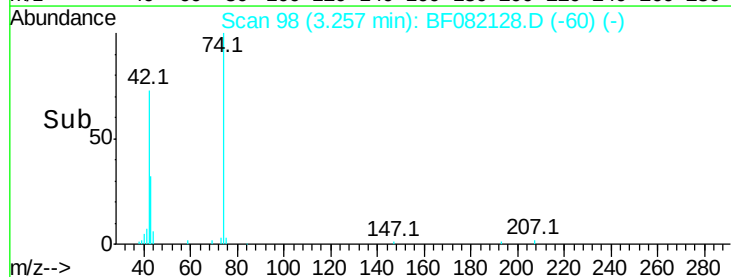
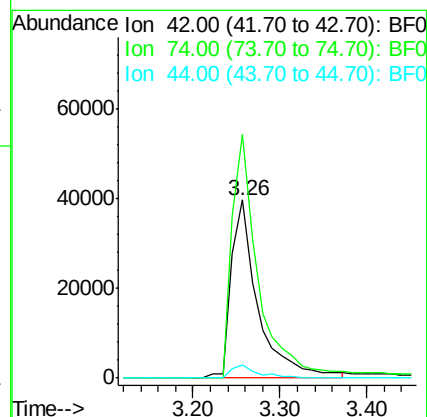
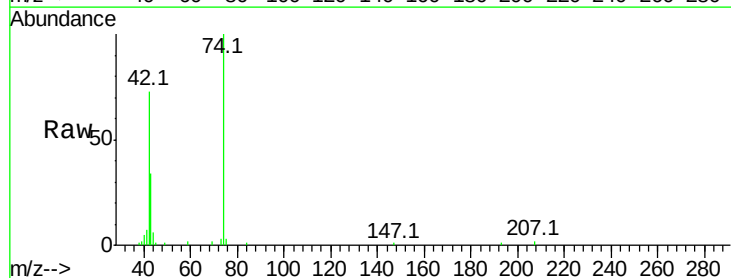
Instrument :
 BNA_F
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 WC100515MSD

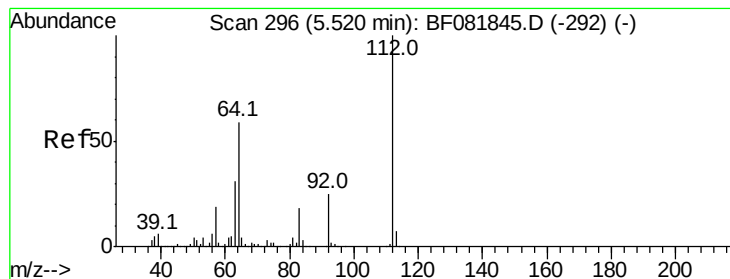
Tot Ion: 79 Resp: 114539
 Ion Ratio Lower Upper
 79 100
 52 79.9 76.8 115.2
 51 37.6 32.2 48.4



#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

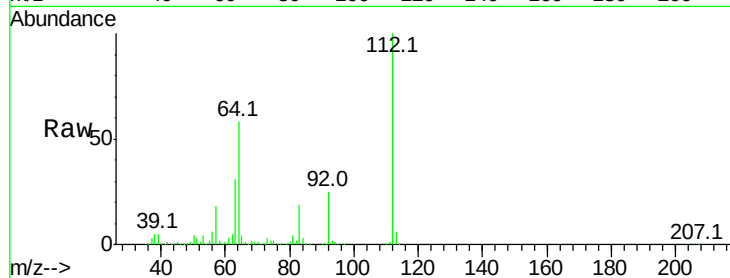
Tot Ion:112 Resp: 588720

Ion Ratio Lower Upper

112 100

64 58.2 39.7 59.5

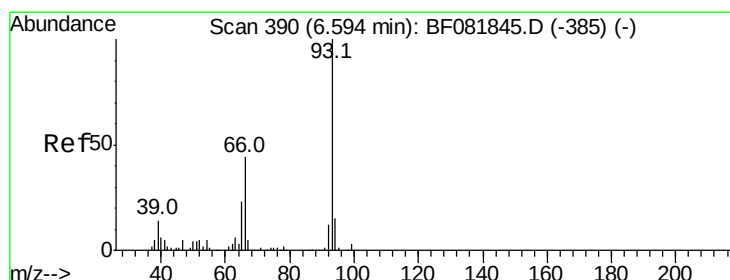
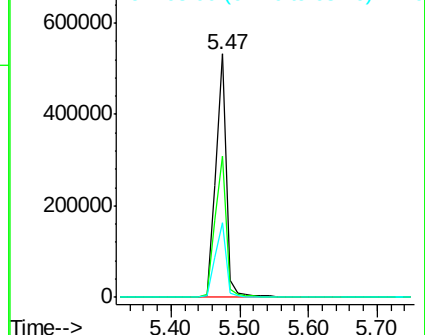
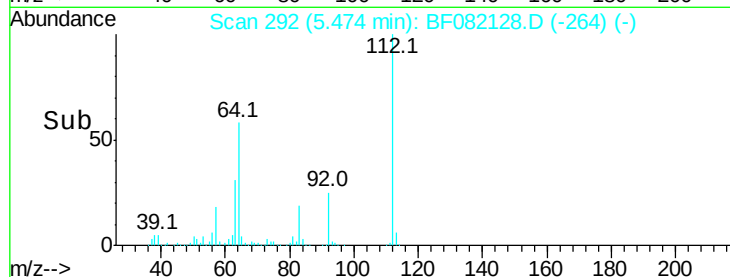
63 30.5 17.4 26.0#



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

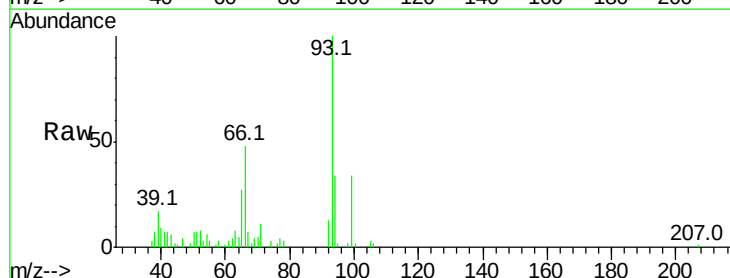
Tgt Ion: 93 Resp: 55775

Ion Ratio Lower Upper

93 100

66 47.7 27.2 40.8#

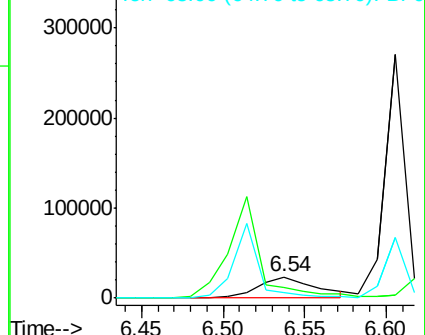
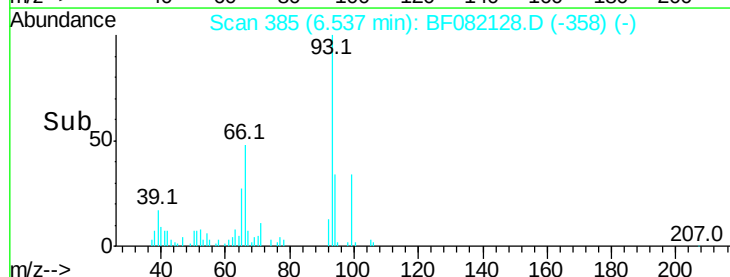
65 26.9 14.7 22.1#

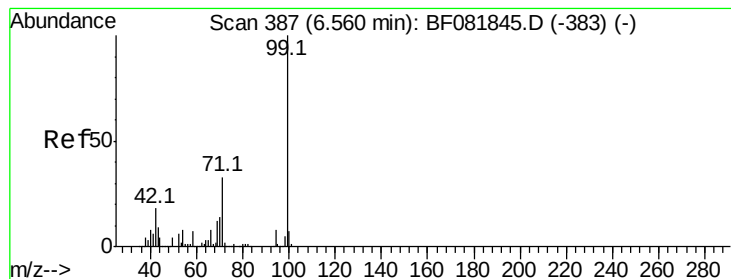


Abundance Ion 93.00 (92.70 to 93.70): BF0

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

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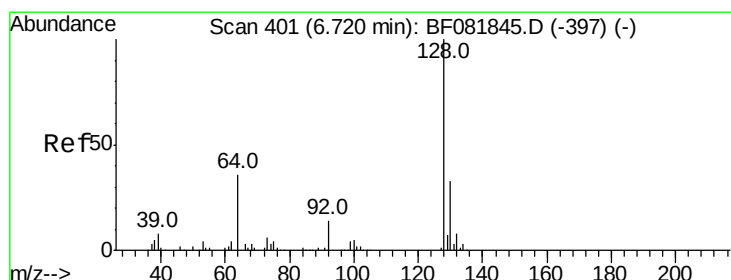
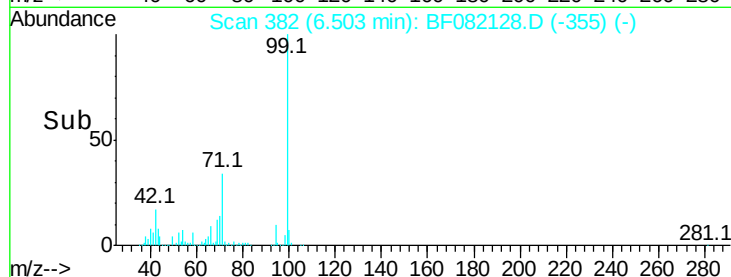
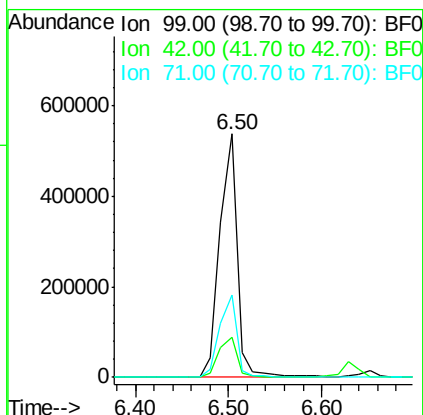
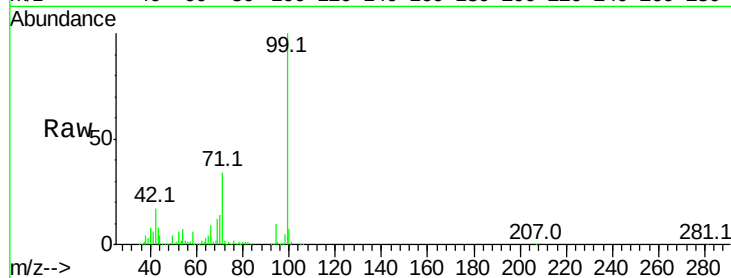
Tot Ion: 99 Resp: 700479

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

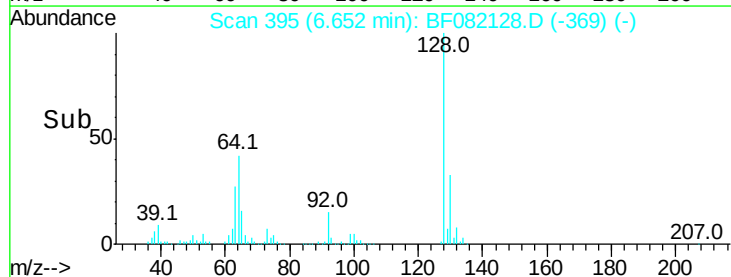
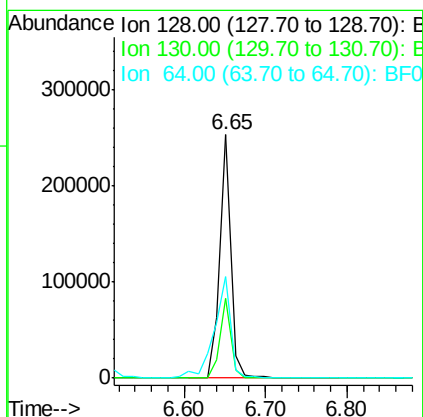
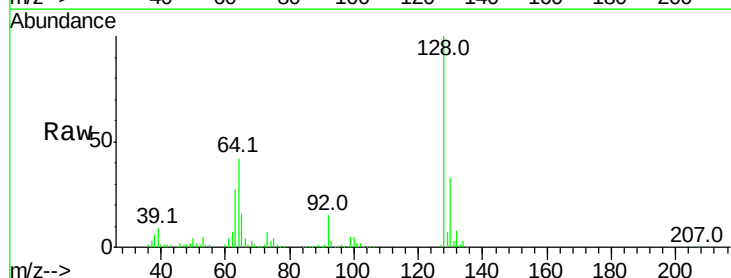
Tgt Ion: 128 Resp: 238293

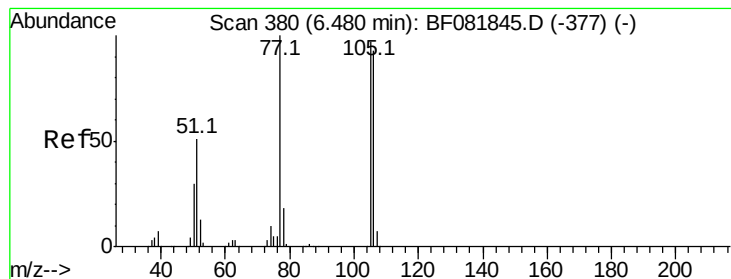
Ion Ratio Lower Upper

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

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

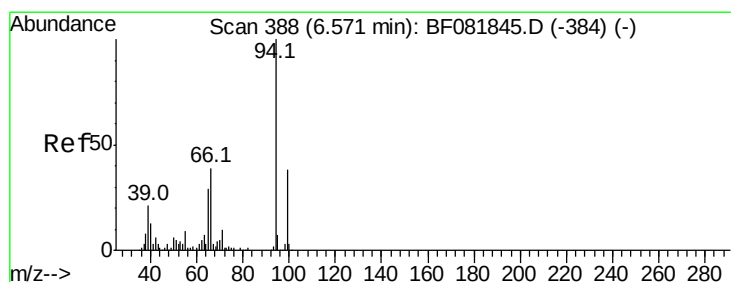
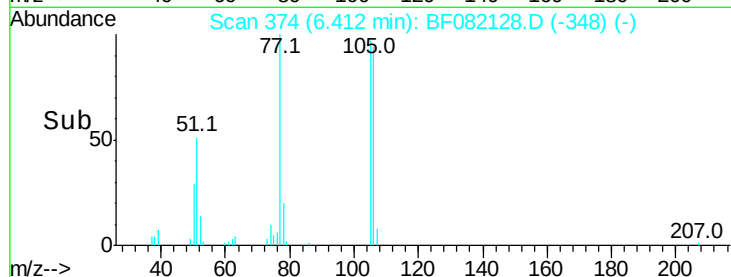
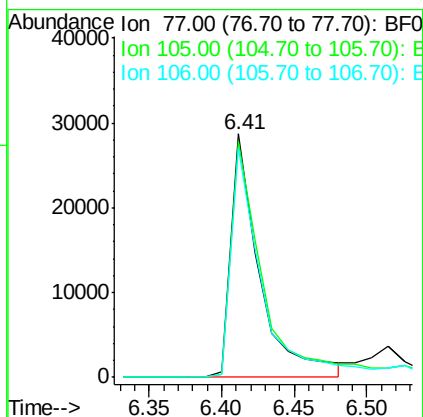
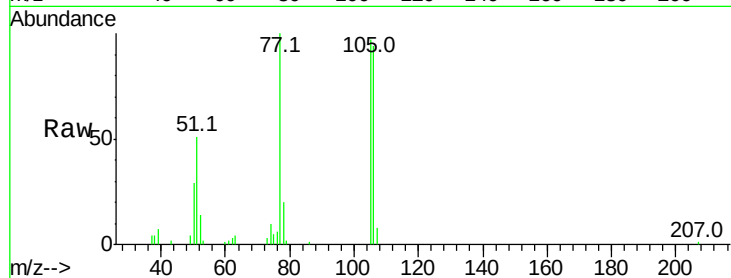
Tot Ion: 77 Resp: 39799

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

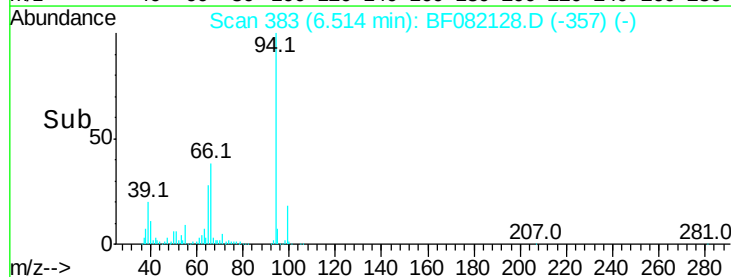
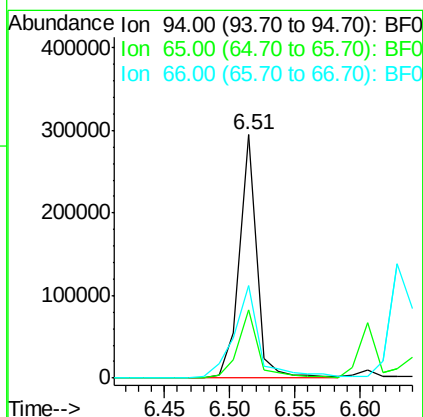
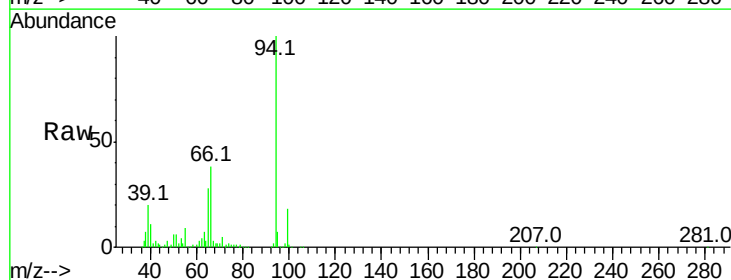
Tgt Ion: 94 Resp: 271475

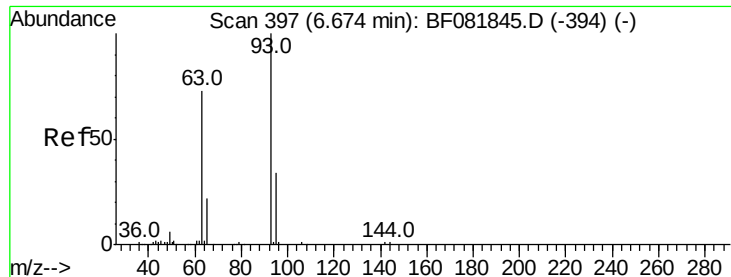
Ion Ratio Lower Upper

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

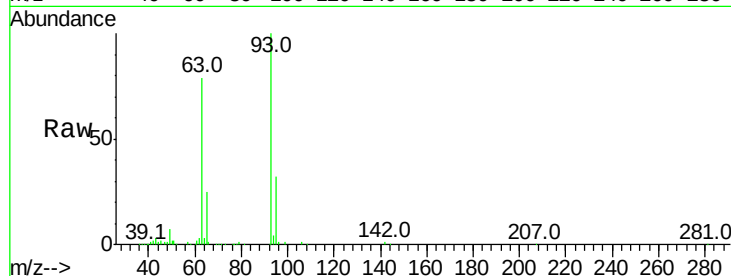
Tot Ion: 93 Resp: 249654

Ion Ratio Lower Upper

93 100

63 78.9 65.6 105.6

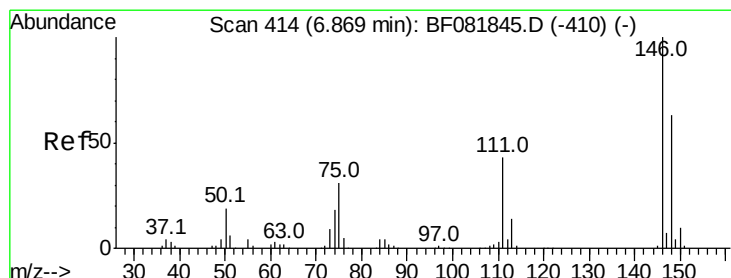
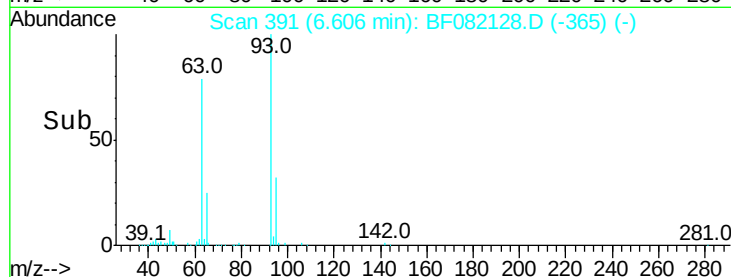
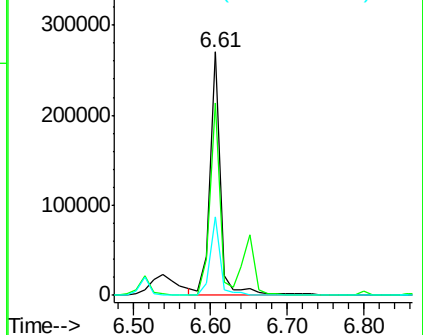
95 32.4 13.6 53.6



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: 42.55 ng m

RT: 6.80 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

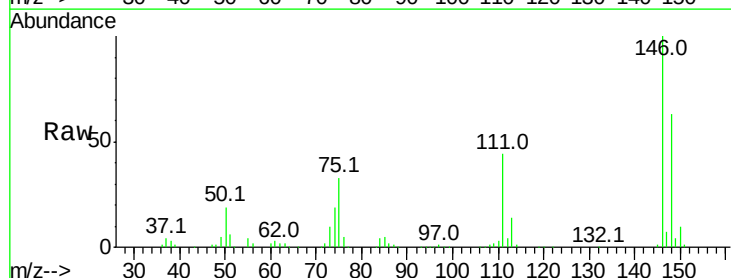
Tgt Ion: 146 Resp: 260021

Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.4

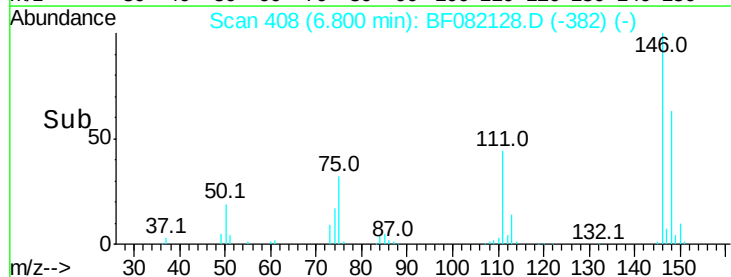
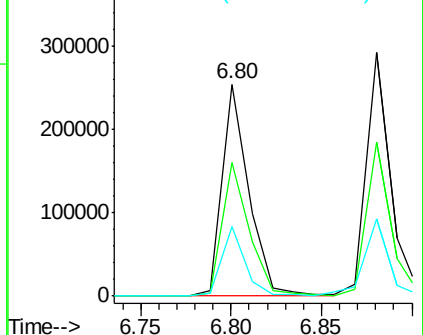
75 32.8 15.0 22.6#

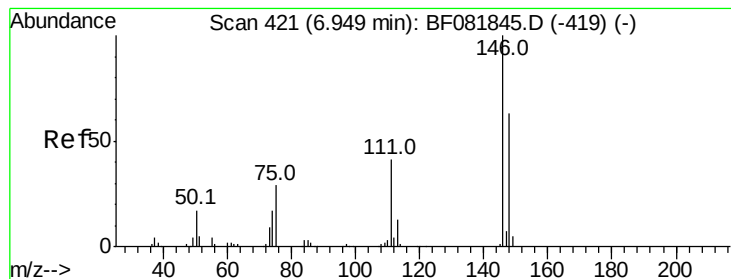


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 43.84 ng/mL

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Instrument :

BNA_F

ClientSampleId :

WC100515MSD

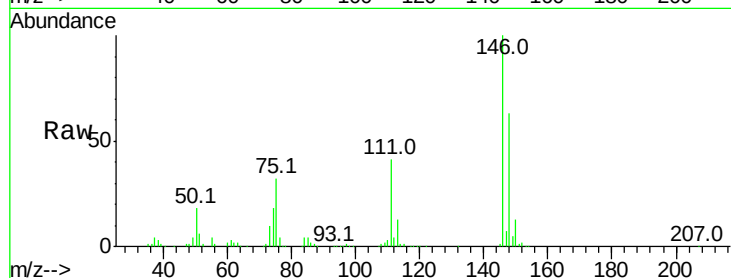
Tot Ion:146 Resp: 279710

Ion Ratio Lower Upper

146 100

148 63.0 51.8 77.6

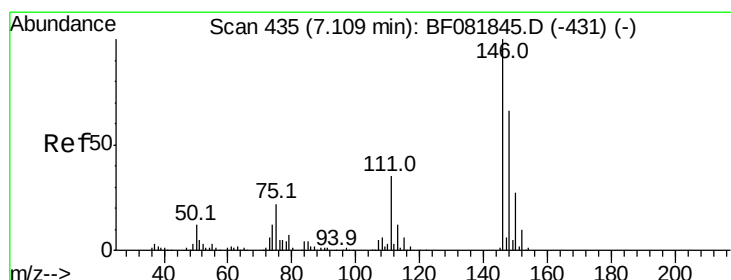
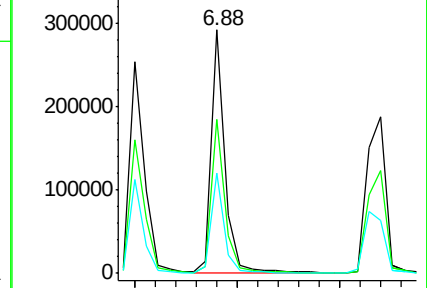
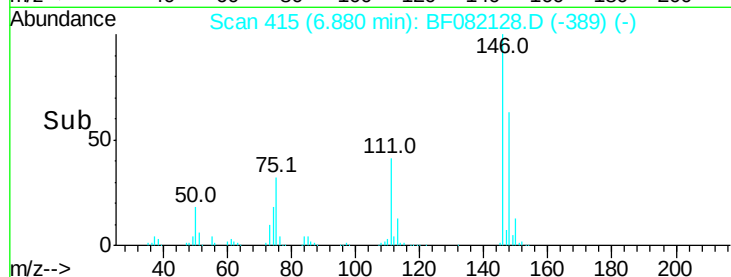
111 41.4 24.9 37.3#



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/mL

RT: 7.04 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

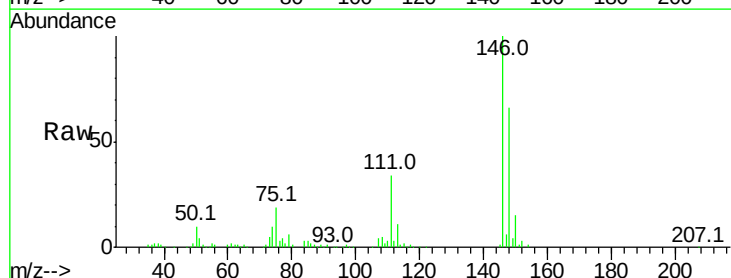
Tgt Ion:146 Resp: 251708

Ion Ratio Lower Upper

146 100

148 65.8 52.7 79.1

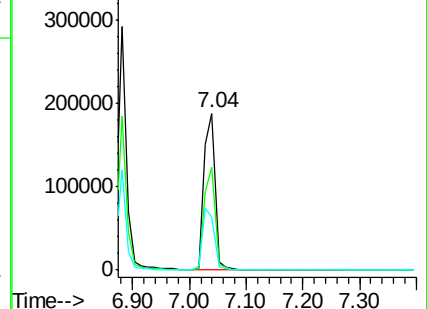
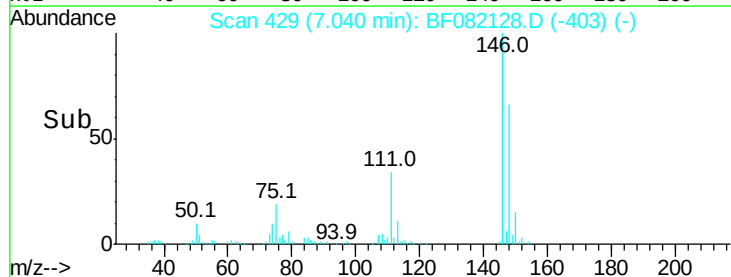
111 34.0 28.8 43.2

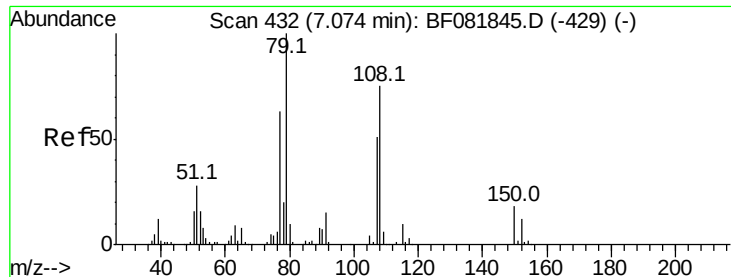


Abundance Ion 146.00 (145.70 to 146.70): E

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

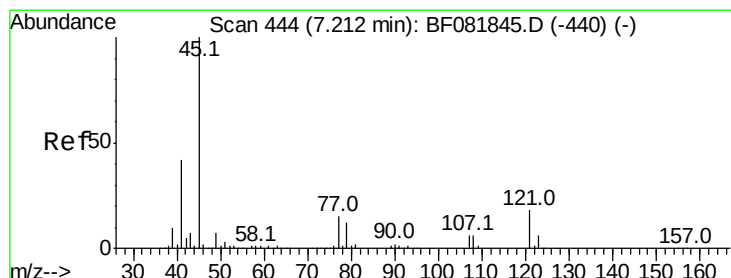
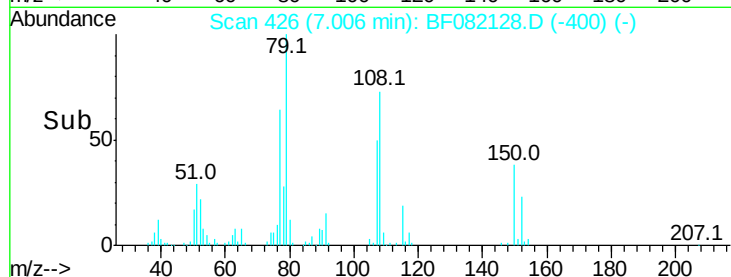
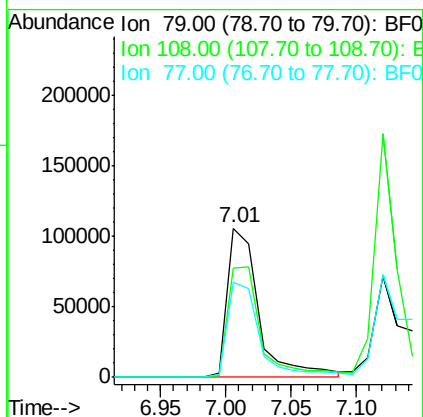
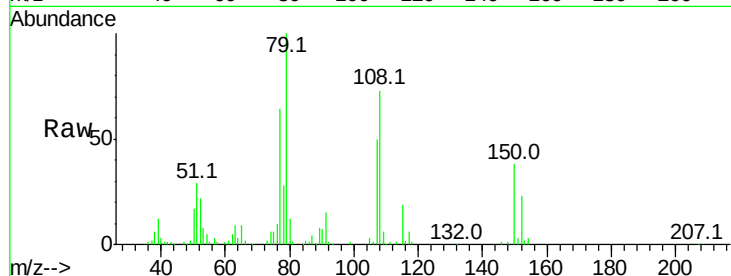
Tot Ion: 79 Resp: 177980

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

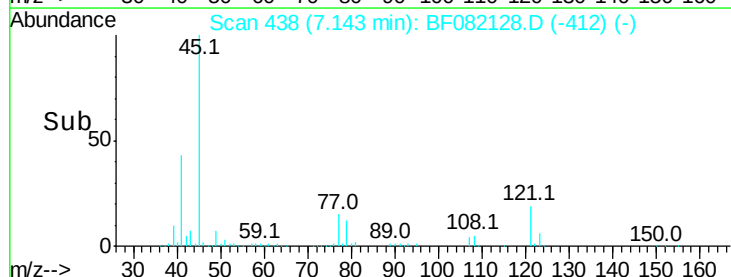
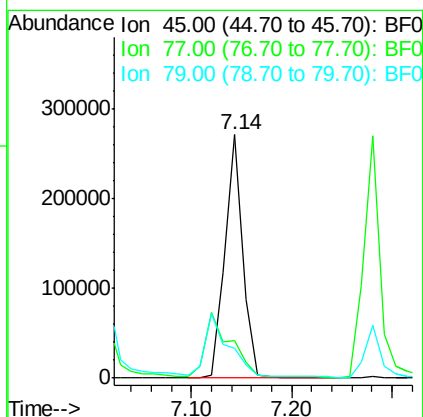
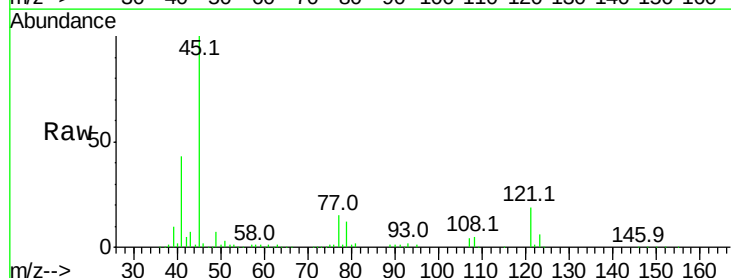
Tgt Ion: 45 Resp: 334051

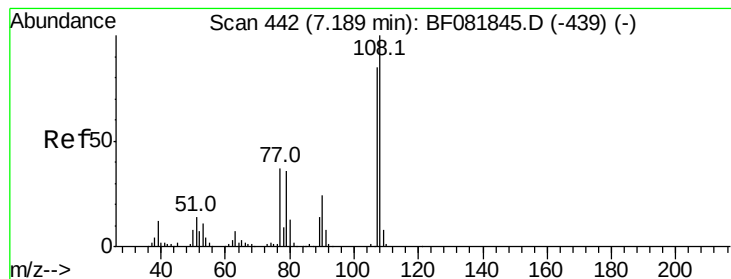
Ion Ratio Lower Upper

45 100

77 15.2 0.0 28.1

79 12.2 0.0 26.0

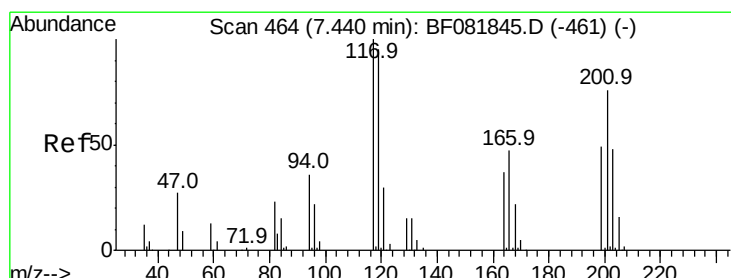
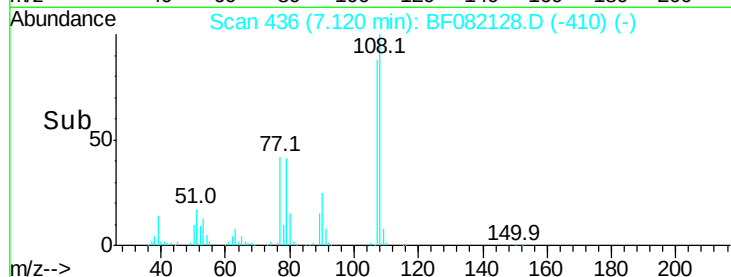
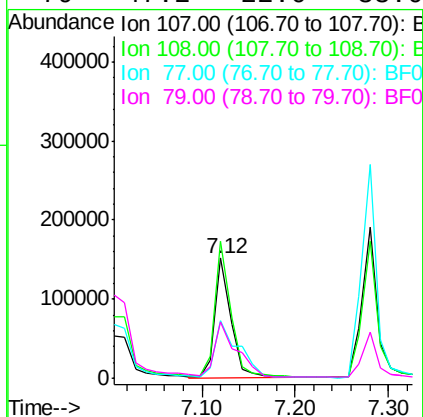
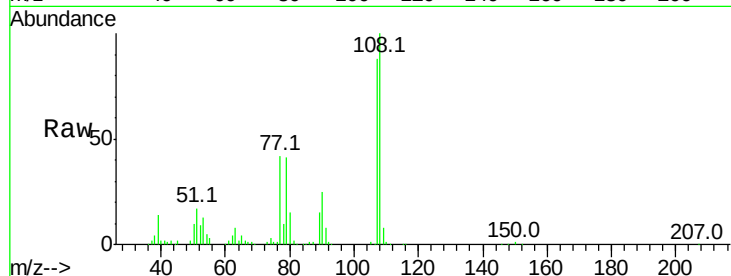




#17
2-Methylphenol
Concen: 43.69 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

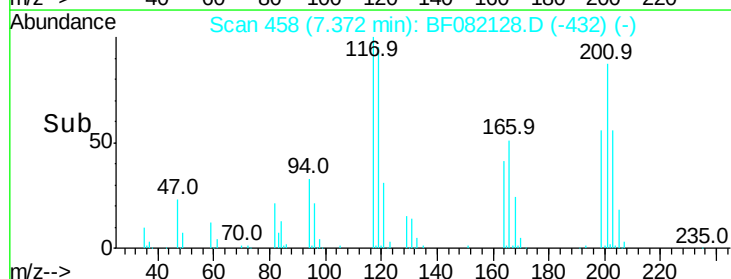
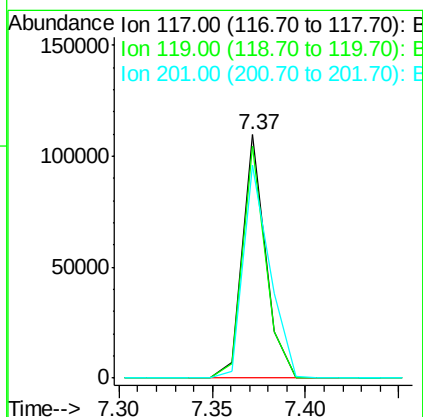
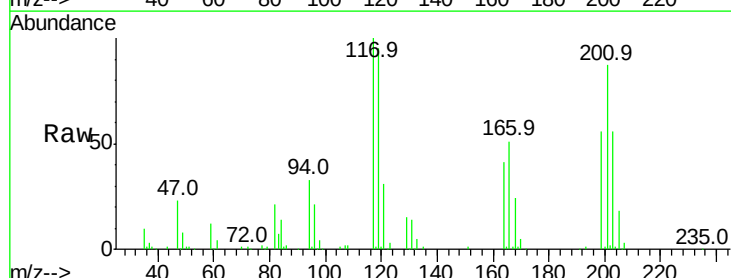
Instrument :
BNA_F
ClientSampleId :
WC100515MSD

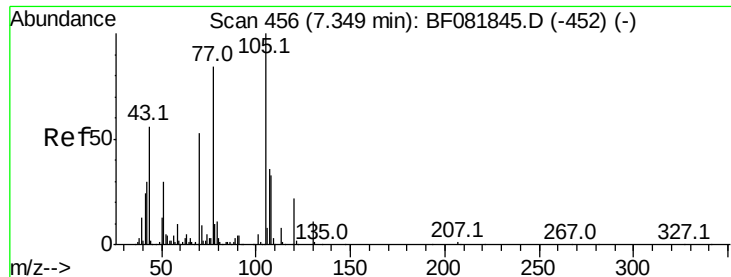
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	96.6	145.0
77	48.1	23.3	34.9#
79	47.2	22.0	33.0#



#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	Ratio	Lower	Upper
117	100		
119	95.3	83.8	125.6
201	87.2	55.1	82.7#

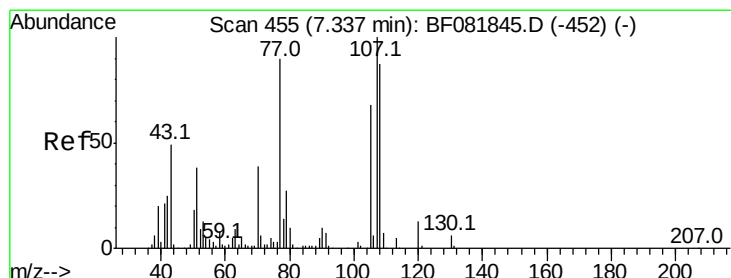
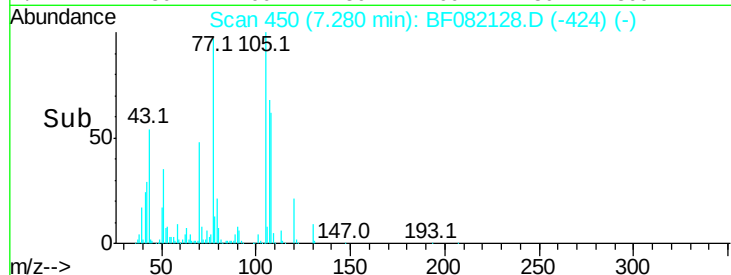
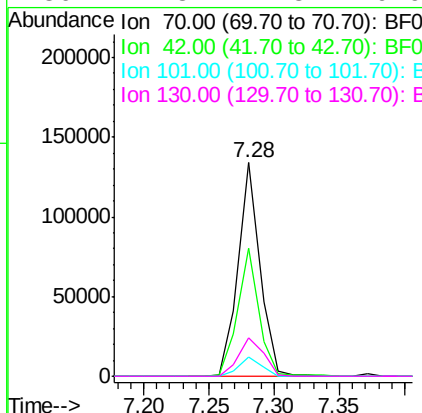
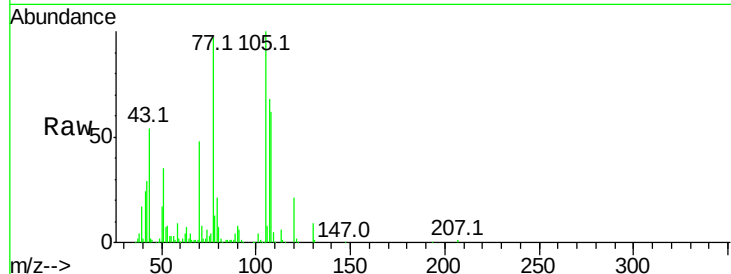




#19
n-Nitroso-di-n-propylamine
Concen: 43.57 ng
RT: 7.28 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

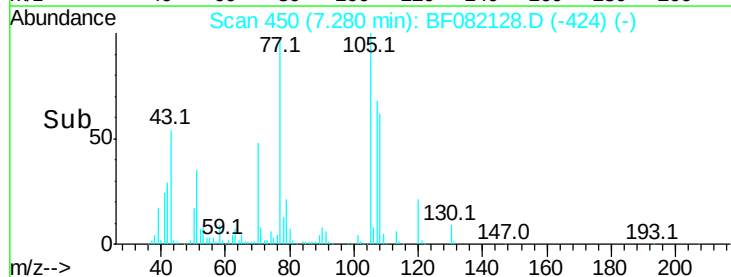
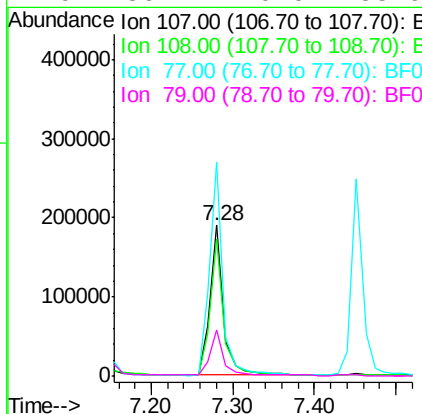
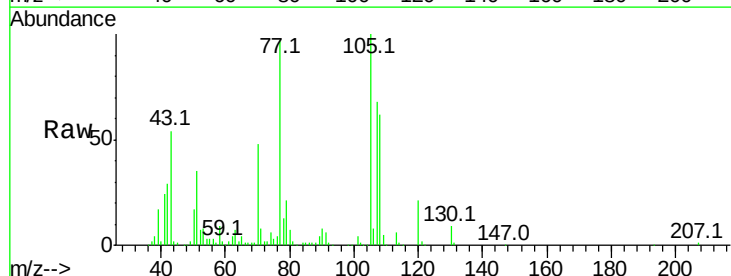
Instrument :
BNA_F
ClientSampleId :
WC100515MSD

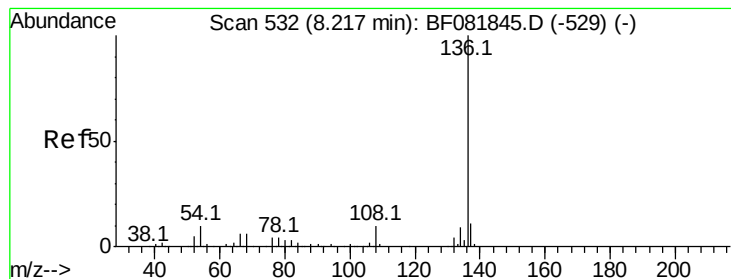
Tot Ion: 70 Resp: 156115
Ion Ratio Lower Upper
70 100
42 60.0 63.8 95.6#
101 9.0 9.2 13.8#
130 17.8 27.3 40.9#



#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

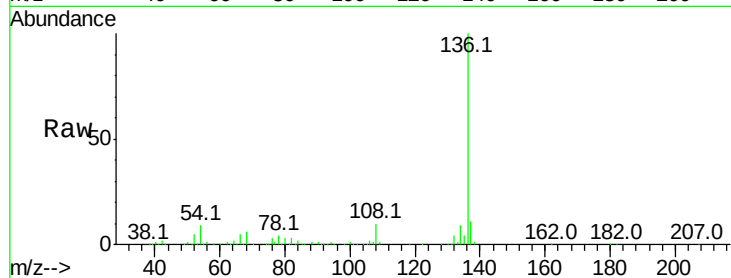
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.6 8.2 12.2

68 5.5 5.8 8.6#

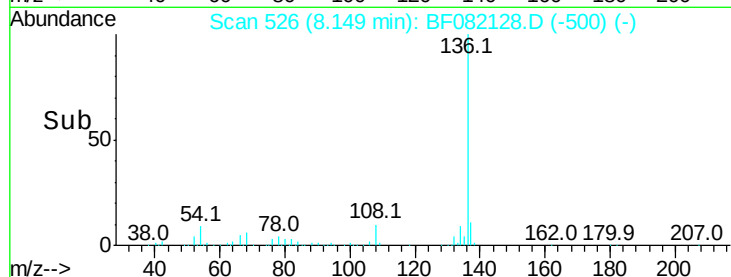


Abundance Ion 136.00 (135.70 to 136.70): E

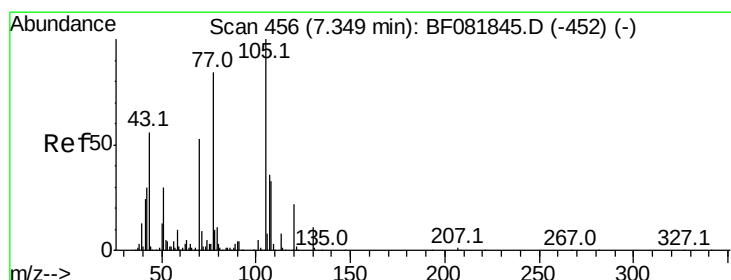
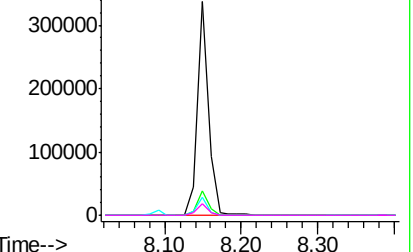
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#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

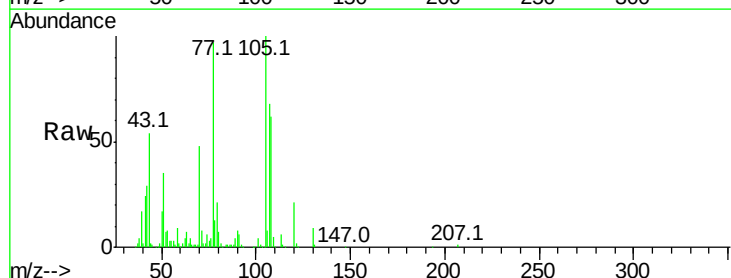
Ion Ratio Lower Upper

105 100

71 8.0 4.7 7.1#

51 35.4 22.0 33.0#

120 20.9 30.1 45.1#

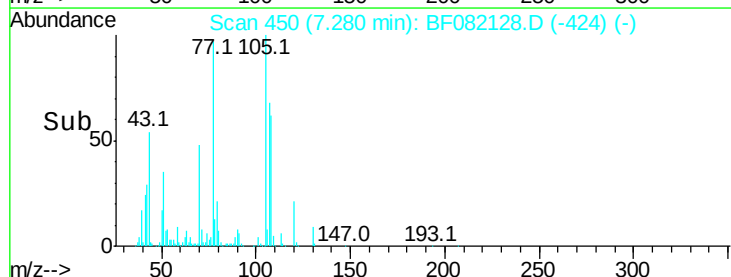


Abundance Ion 105.00 (104.70 to 105.70): E

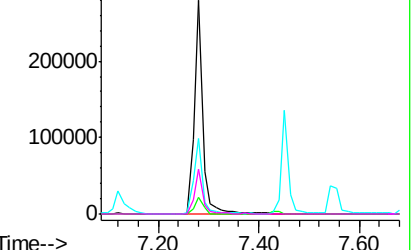
Ion 71.00 (70.70 to 71.70): BF0

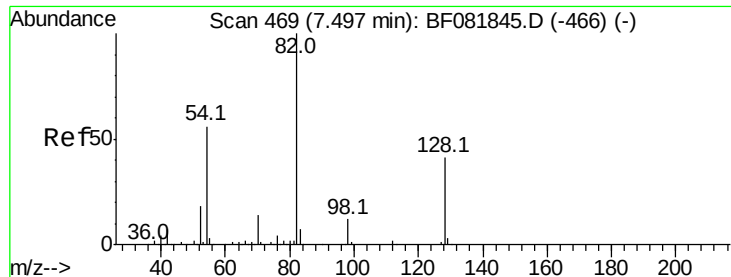
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#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

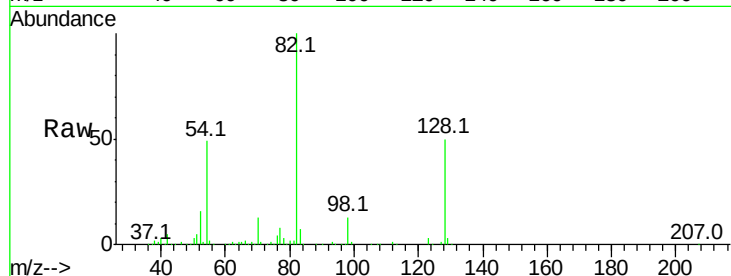
Tot Ion: 82 Resp: 525229

Ion Ratio Lower Upper

82 100

128 50.1 51.0 76.6#

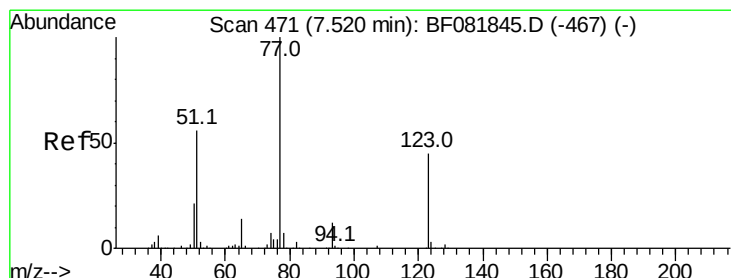
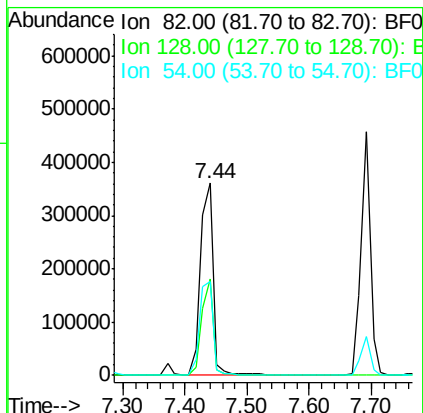
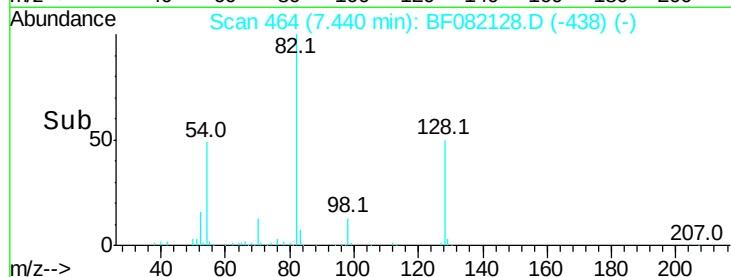
54 49.1 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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

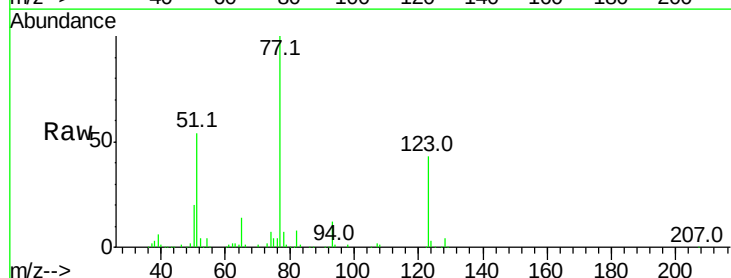
Tgt Ion: 77 Resp: 236529

Ion Ratio Lower Upper

77 100

123 43.0 59.8 89.8#

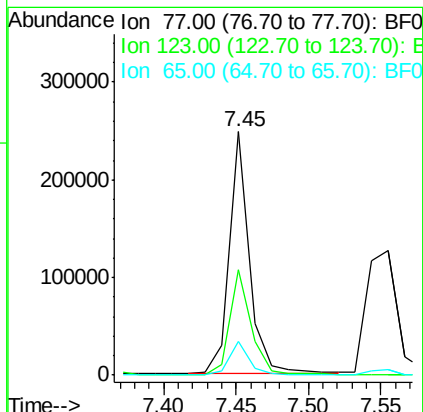
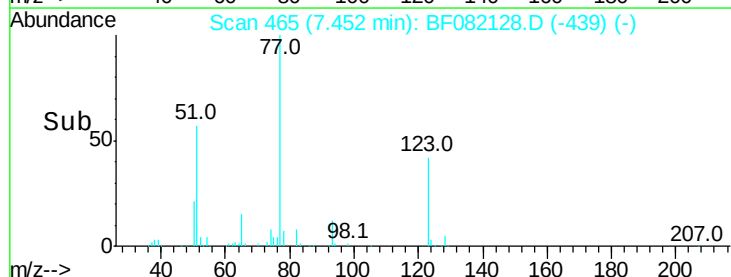
65 13.8 10.2 15.4

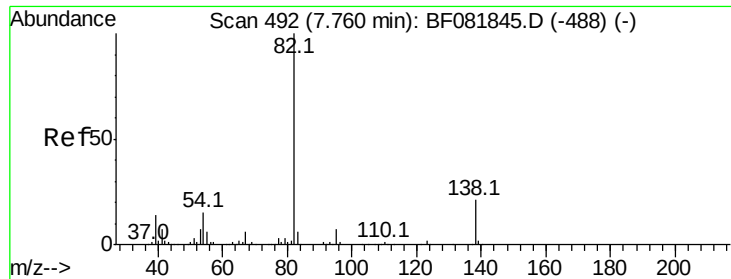


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

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

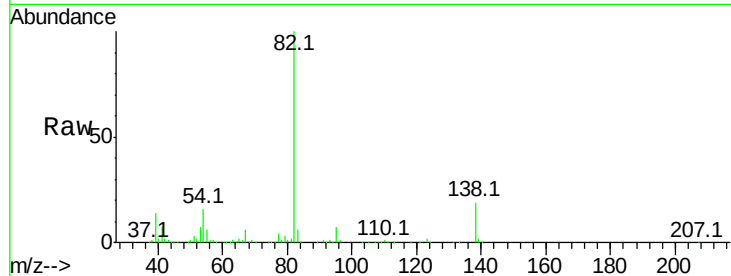
Tot Ion: 82 Resp: 468477

Ion Ratio Lower Upper

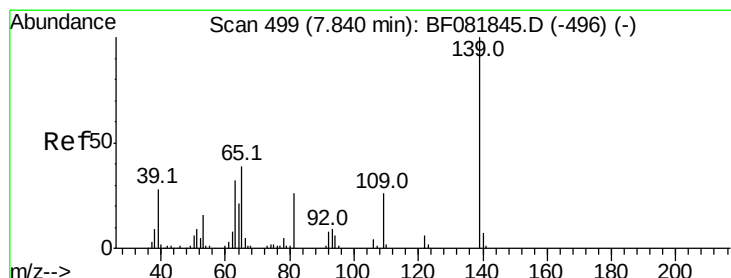
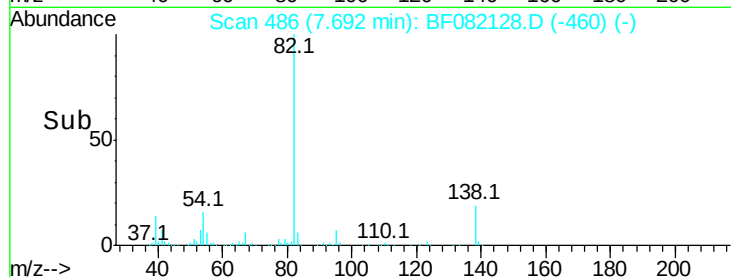
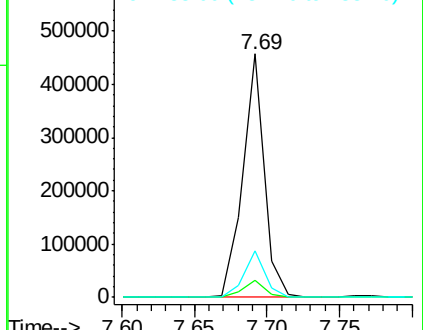
82 100

95 7.1 4.0 6.0#

138 18.9 18.3 27.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 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

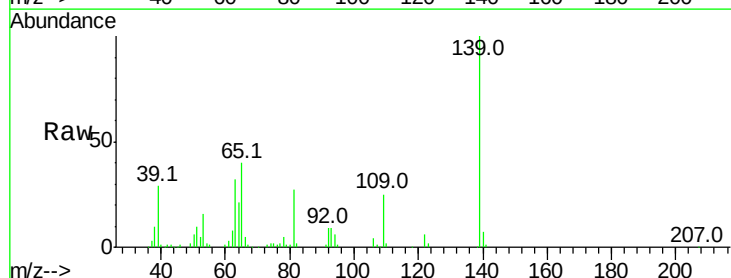
Tgt Ion: 139 Resp: 136447

Ion Ratio Lower Upper

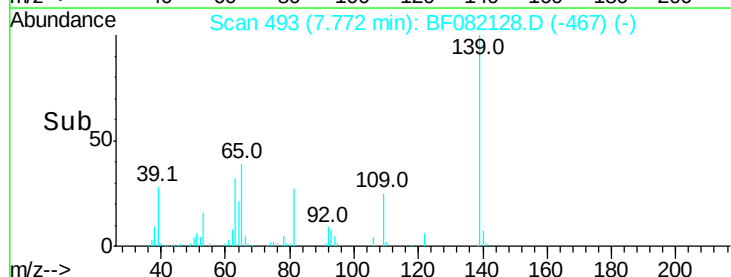
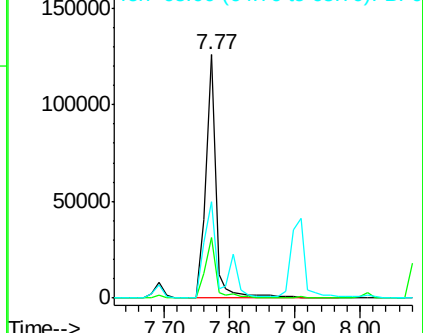
139 100

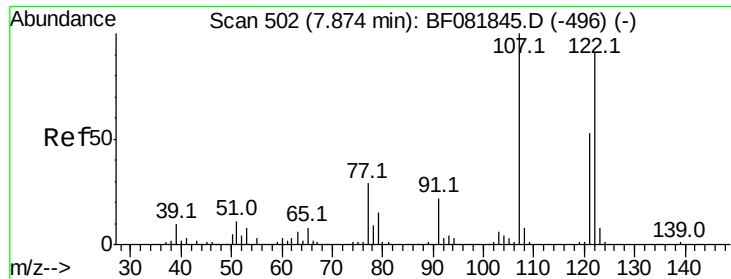
109 24.9 11.0 16.4#

65 39.7 24.7 37.1#



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

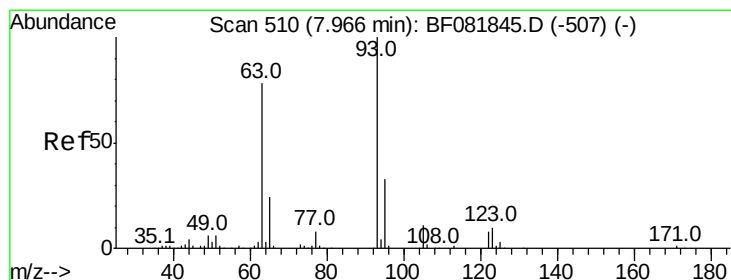
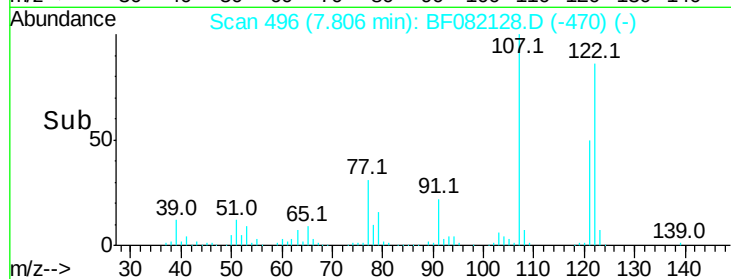
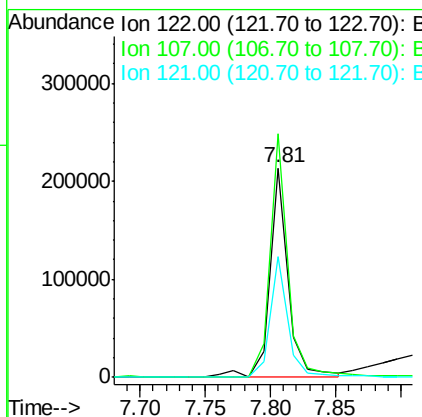
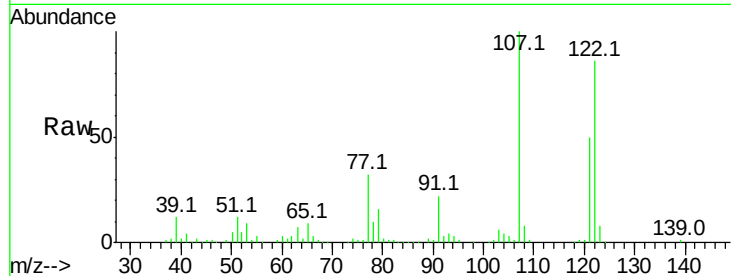




#27
 2,4-Dimethylphenol
 Concen: 46.23 ng
 RT: 7.81 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

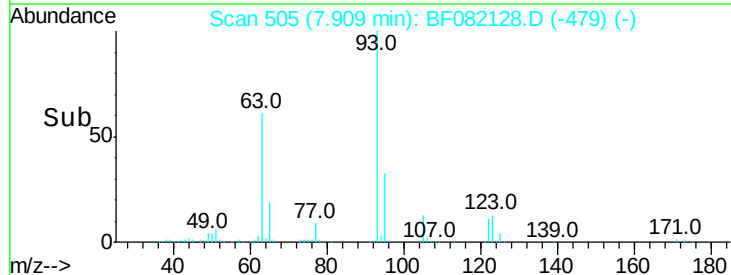
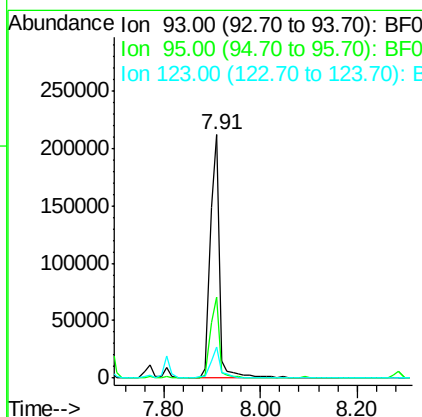
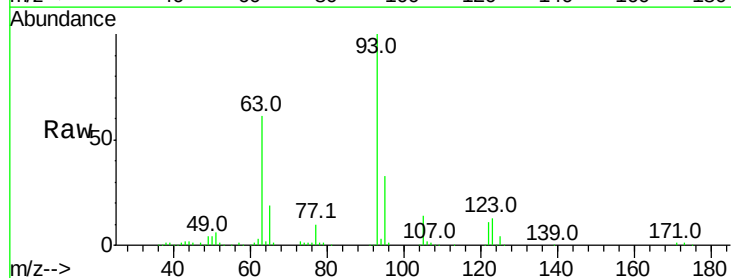
Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

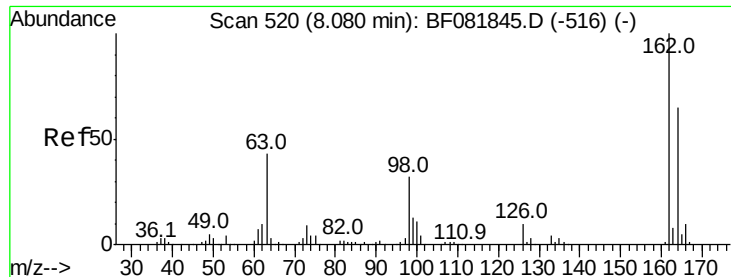
Tot Ion:122 Resp: 212623
 Ion Ratio Lower Upper
 122 100
 107 116.5 71.8 107.6#
 121 57.9 42.3 63.5



#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#

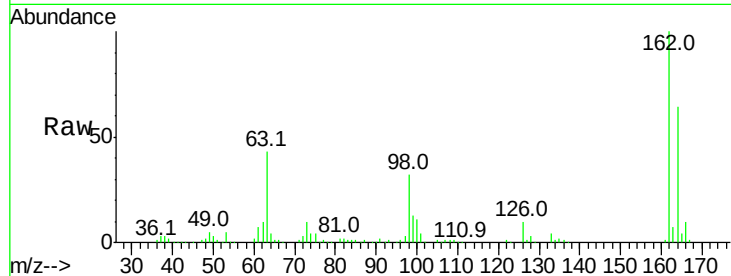




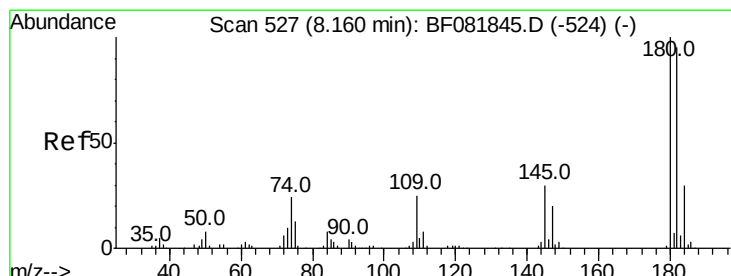
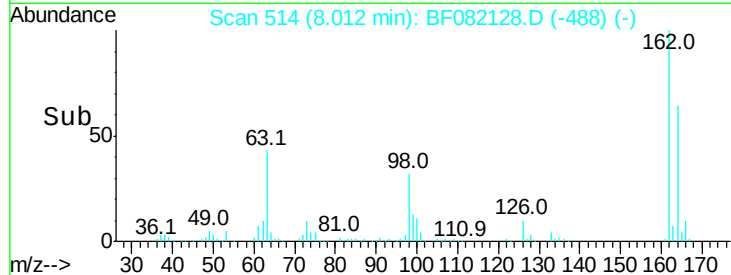
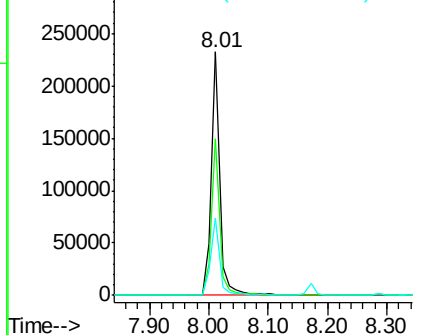
#29
 2,4-Dichlorophenol
 Concen: 51.97 ng
 RT: 8.01 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

Tot Ion:	162	Resp:	231735
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.9	84.9
98	31.6	13.0	53.0

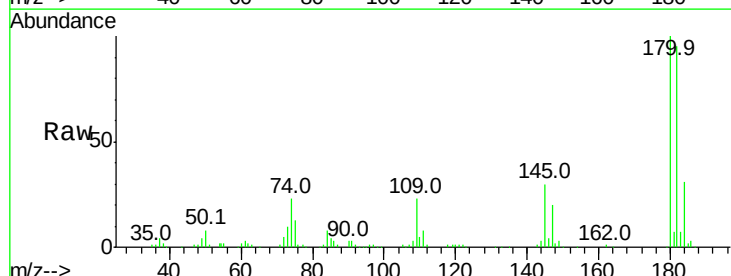


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

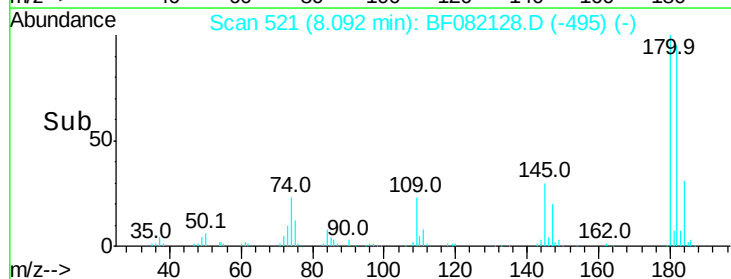
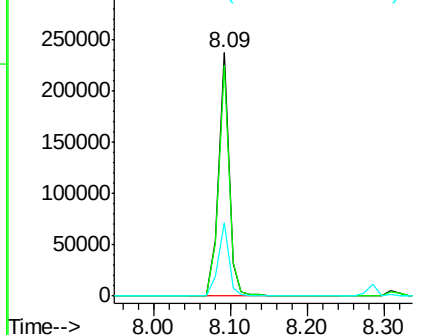


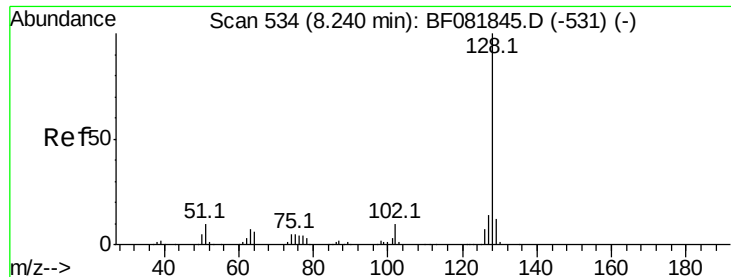
#30
 1,2,4-Trichlorobenzene
 Concen: 46.07 ng
 RT: 8.09 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

Tgt Ion:	180	Resp:	229350
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

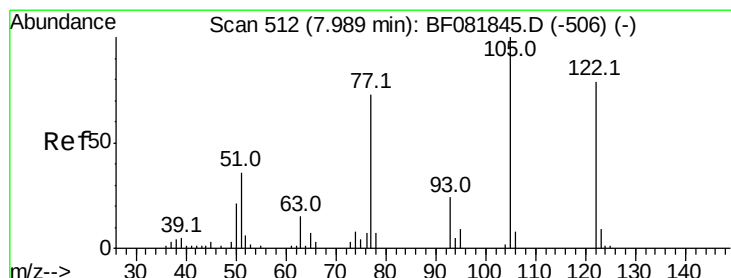
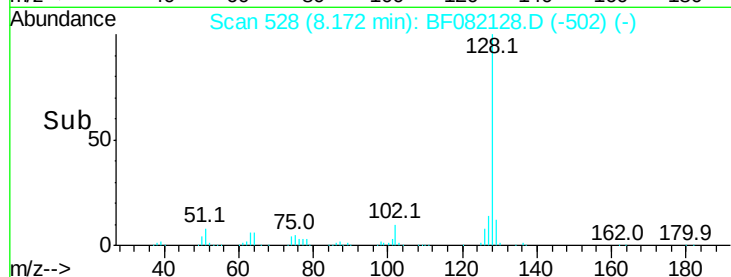
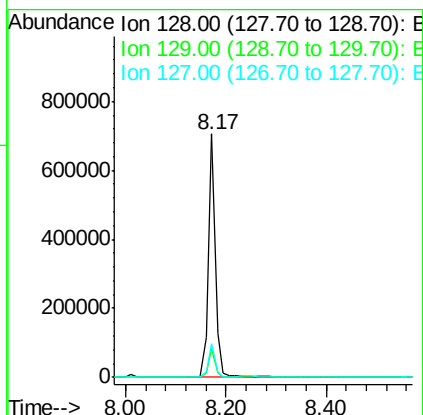
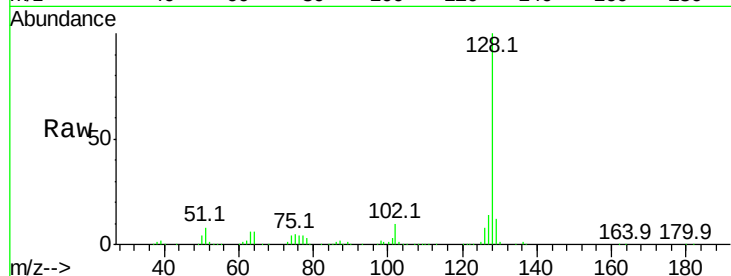




#31
Naphthalene
Concen: 45.92 ng
RT: 8.17 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

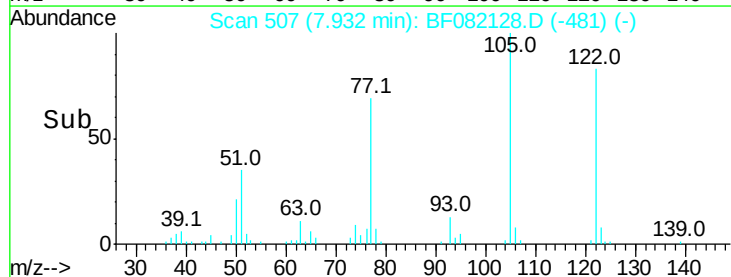
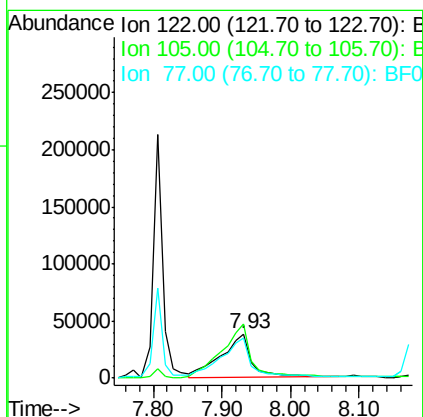
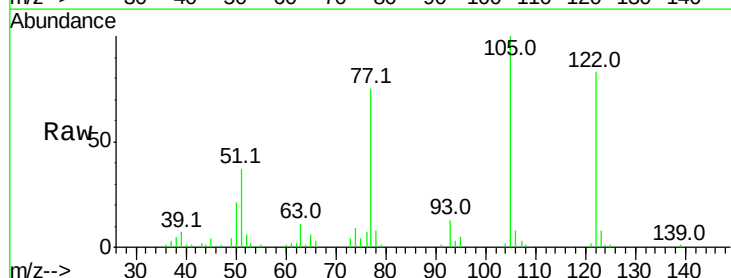
Instrument :
BNA_F
ClientSampleId :
WC100515MSD

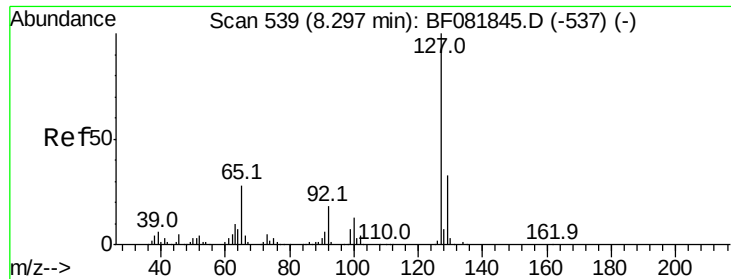
Tot Ion:128 Resp: 680246
Ion Ratio Lower Upper
128 100
129 11.8 8.4 12.6
127 13.7 9.9 14.9



#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#

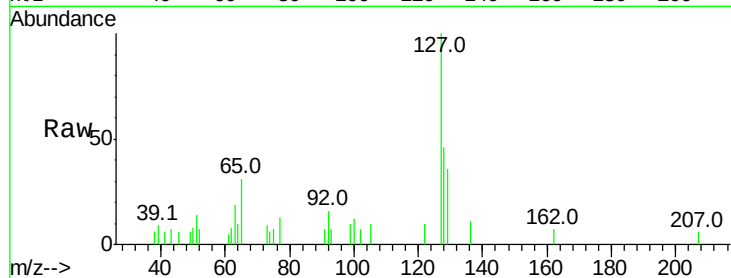




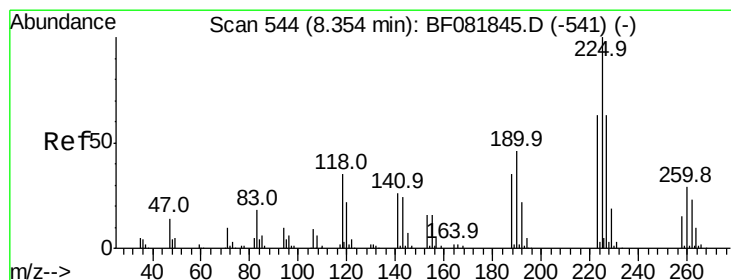
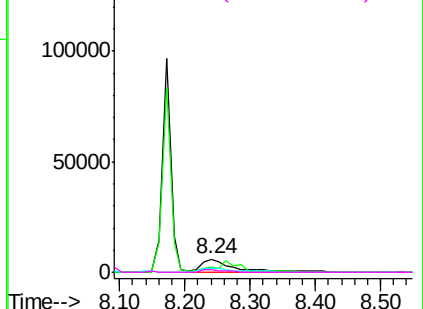
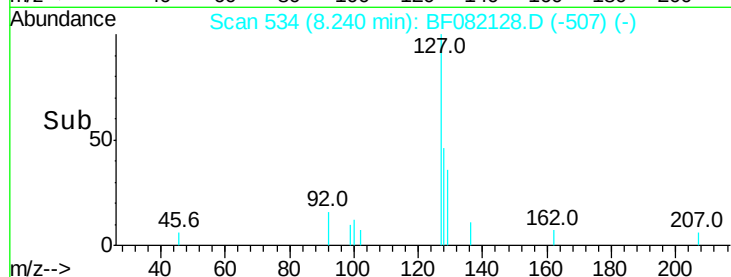
#33
4-Chloroaniline
Concen: 3.31 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.01 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

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#

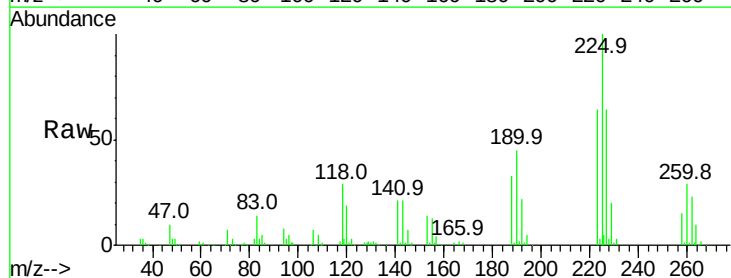


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

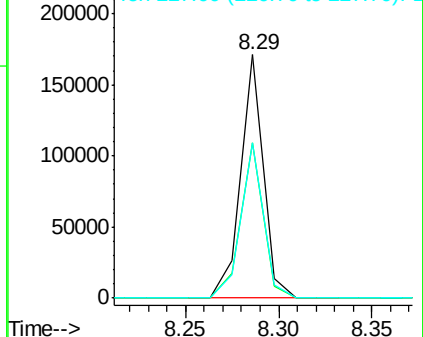
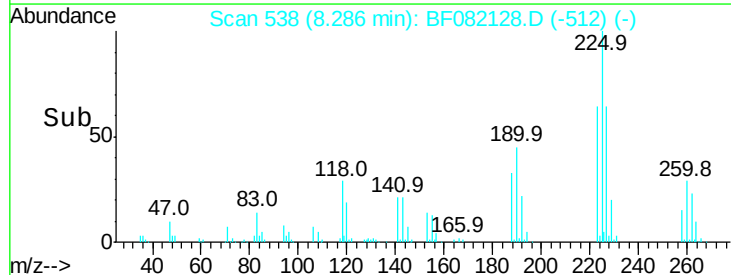


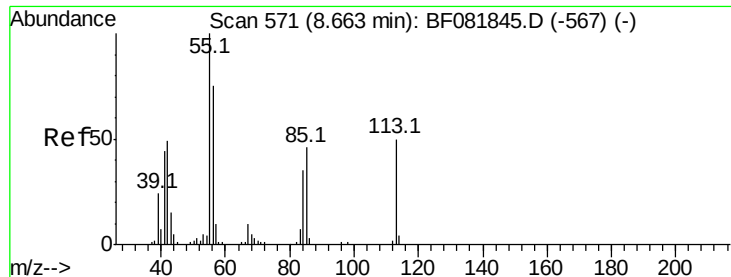
#34
Hexachlorobutadiene
Concen: 49.52 ng
RT: 8.29 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

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: 38.39 ng/ml

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

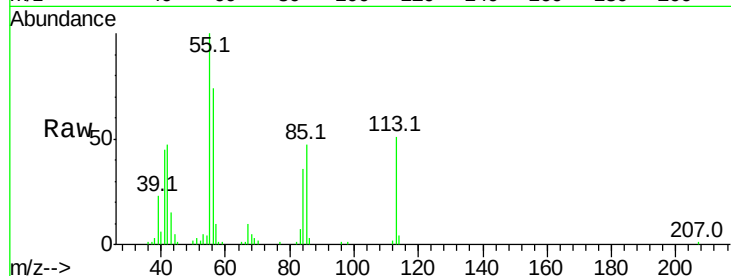
Tot Ion:113 Resp: 47396

Ion Ratio Lower Upper

113 100

55 197.3 152.4 192.4#

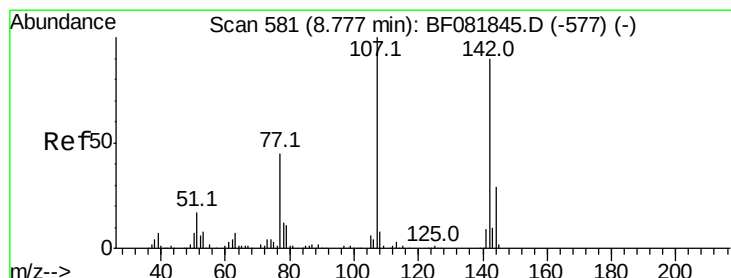
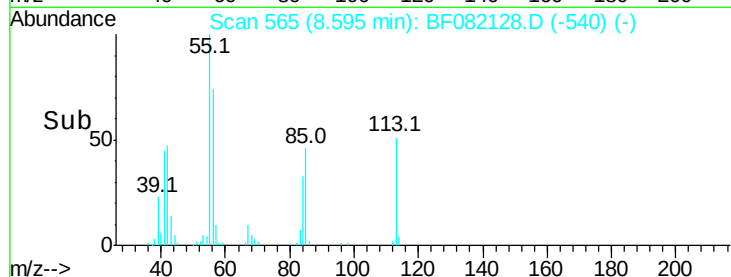
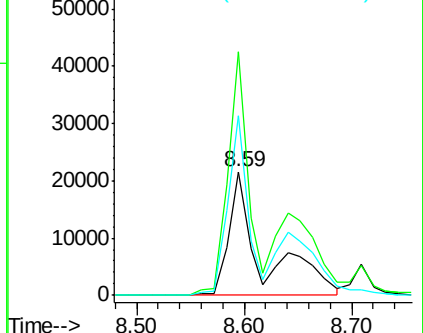
56 145.8 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.08 ng/ml

RT: 8.71 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

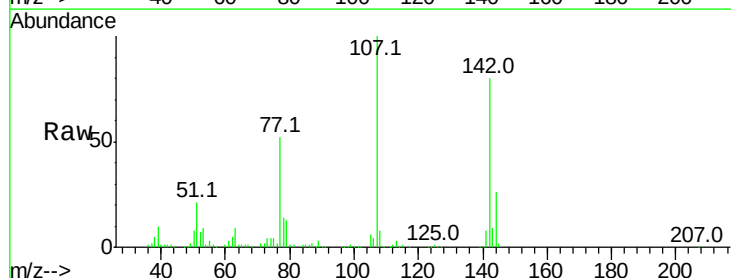
Tgt Ion:107 Resp: 209643

Ion Ratio Lower Upper

107 100

144 25.6 25.4 38.0

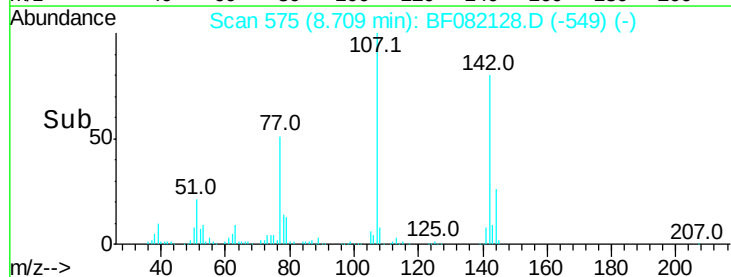
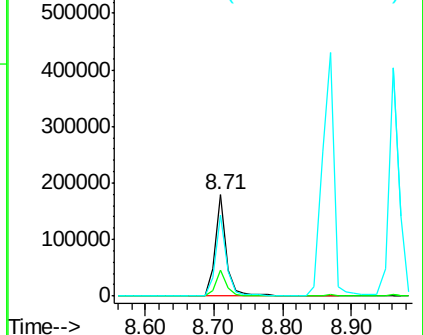
142 79.8 77.3 115.9

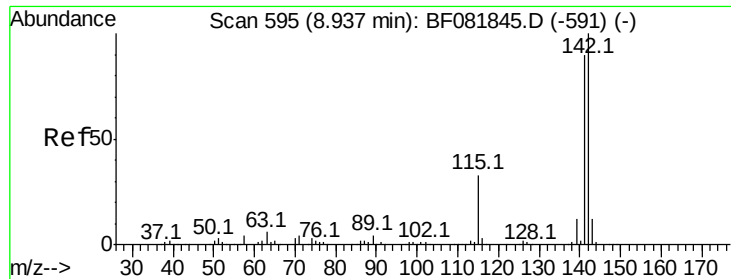


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

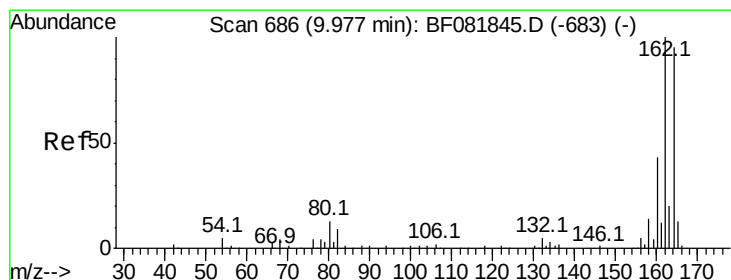
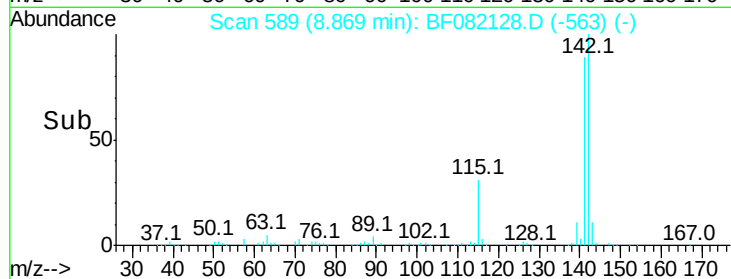
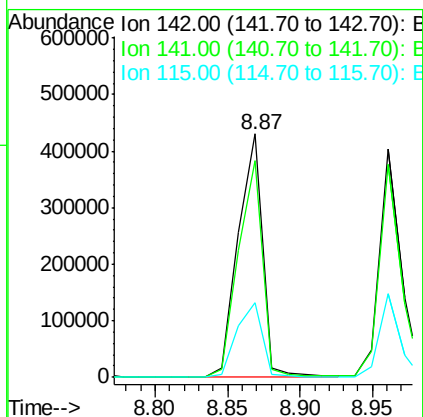
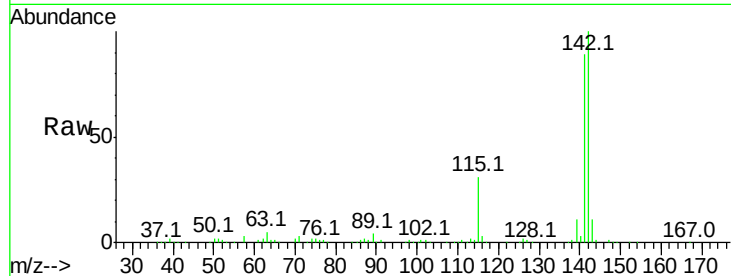




#37
 2-Methylnaphthalene
 Concen: 49.73 ng
 RT: 8.87 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

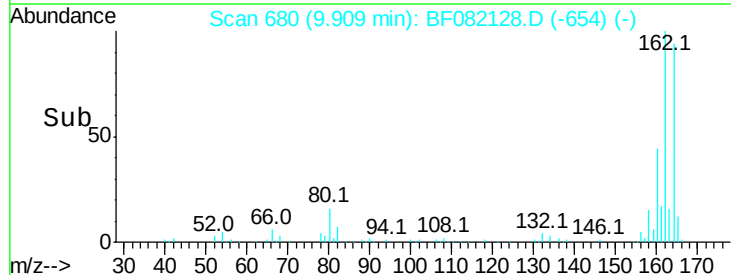
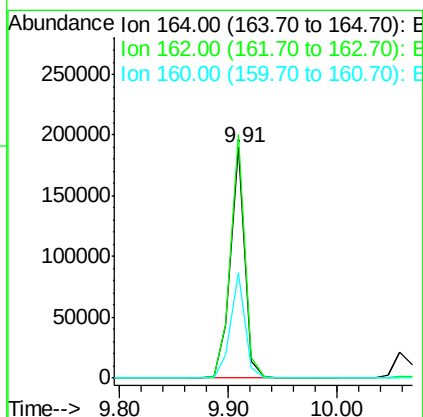
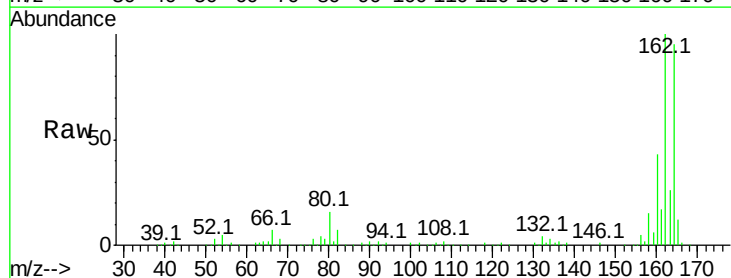
Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

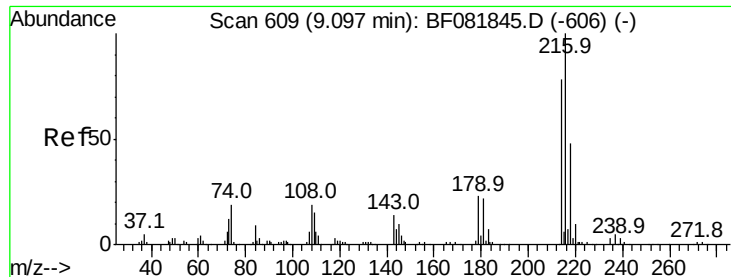
Tot Ion:142 Resp: 502897
 Ion Ratio Lower Upper
 142 100
 141 88.8 67.5 101.3
 115 30.6 18.2 27.2#



#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

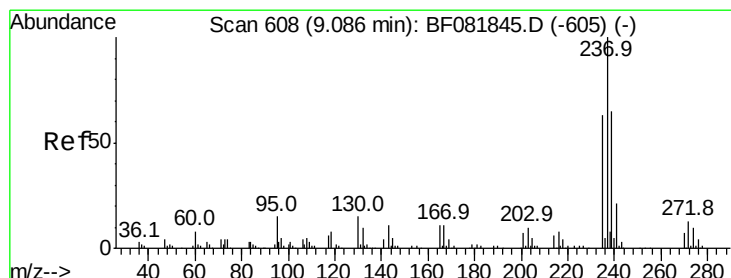
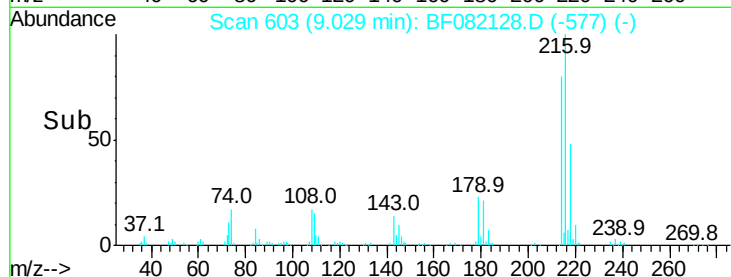
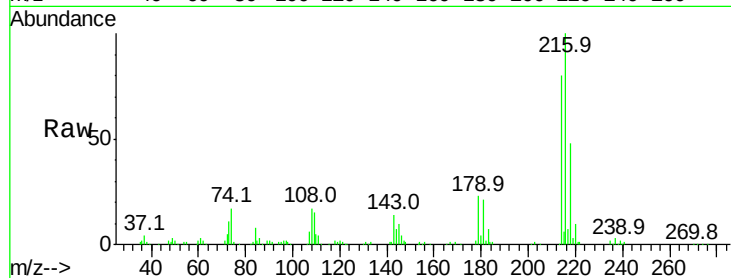
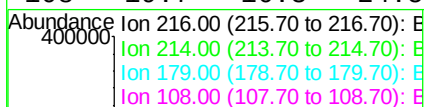
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.5	95.3
179	21.8	16.6	24.8
108	19.7	16.3	24.5

216 100

214 79.4 63.5 95.3

179 21.8 16.6 24.8

108 19.7 16.3 24.5



#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

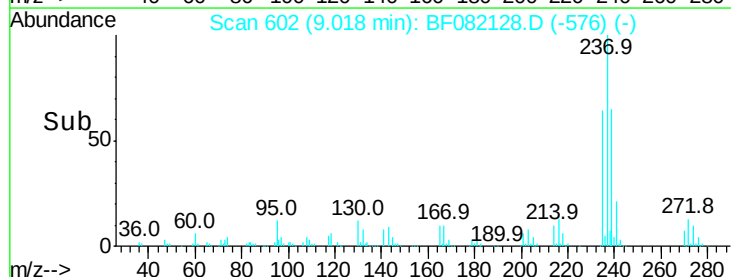
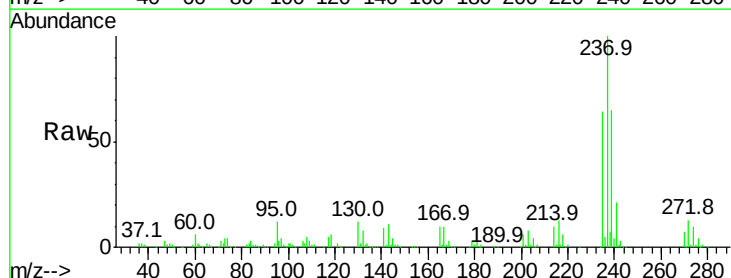
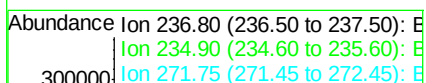
Tgt Ion:237 Resp: 247714

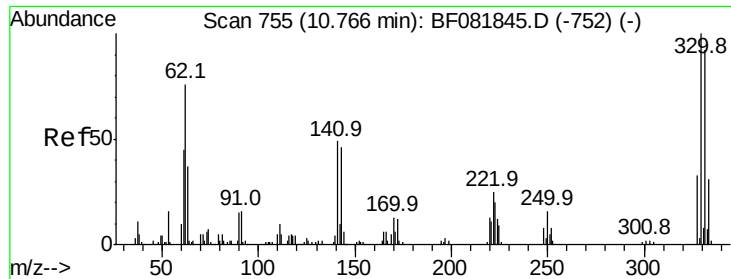
Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.0	82.0
272	12.5	0.0	36.1

237 100

235 63.7 42.0 82.0

272 12.5 0.0 36.1

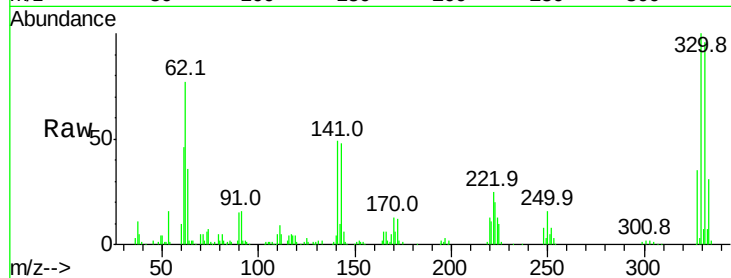




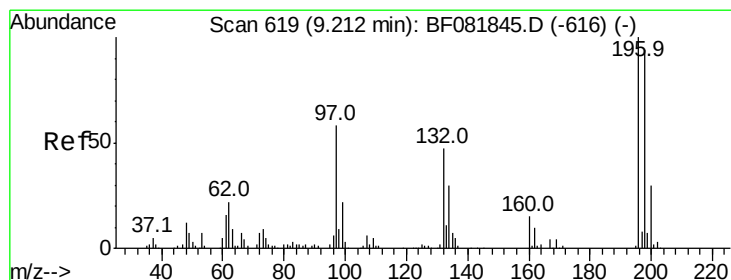
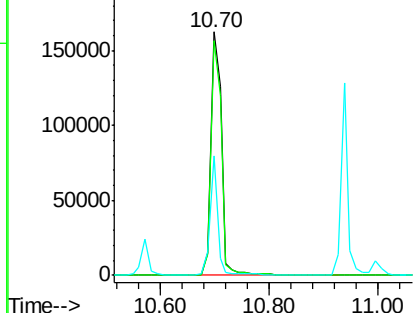
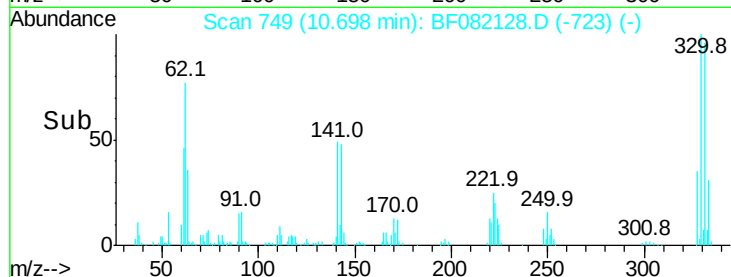
#41
2,4,6-Tribromophenol
Concen: 127.72 ng
RT: 10.70 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

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

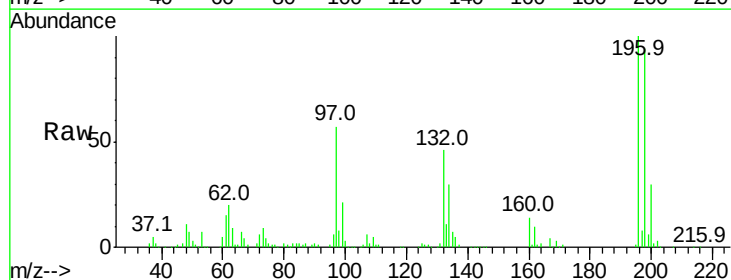


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

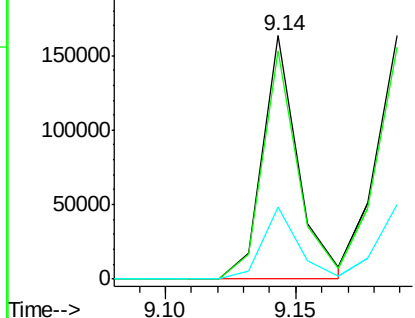
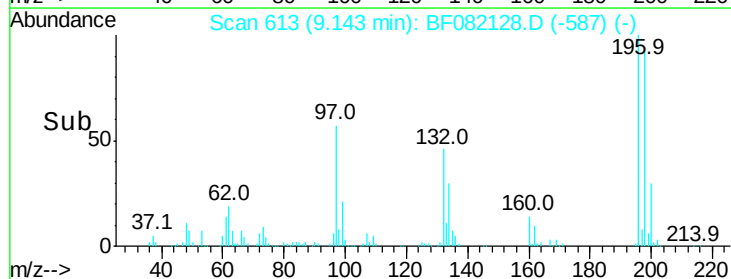


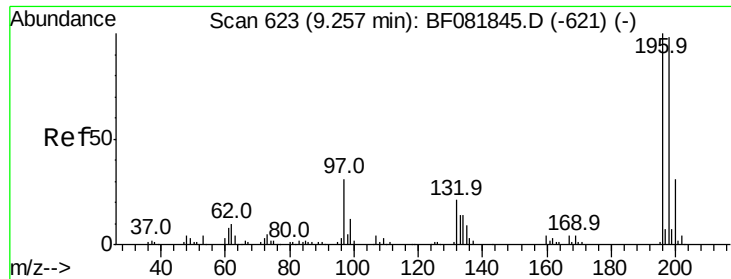
#42
2,4,6-Trichlorophenol
Concen: 42.39 ng
RT: 9.14 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

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



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

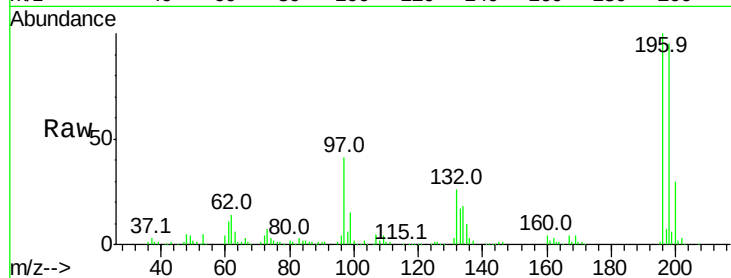




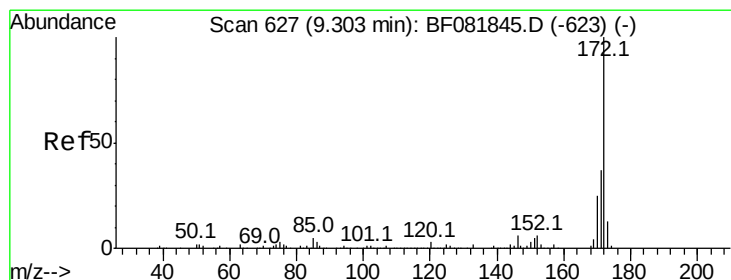
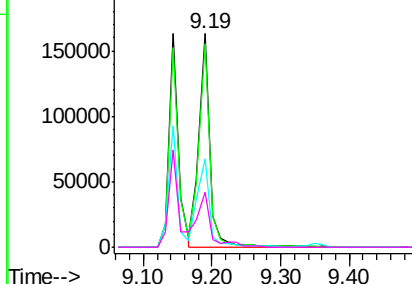
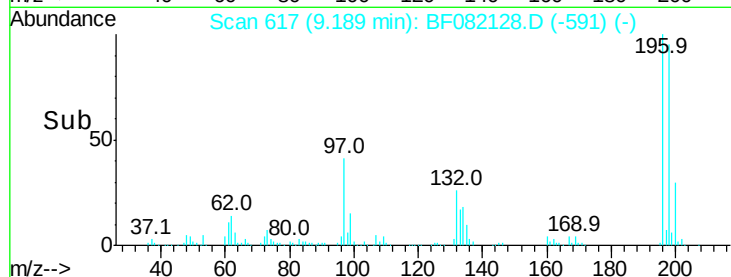
#43
 2,4,5-Trichlorophenol
 Concen: 47.06 ng
 RT: 9.19 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

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

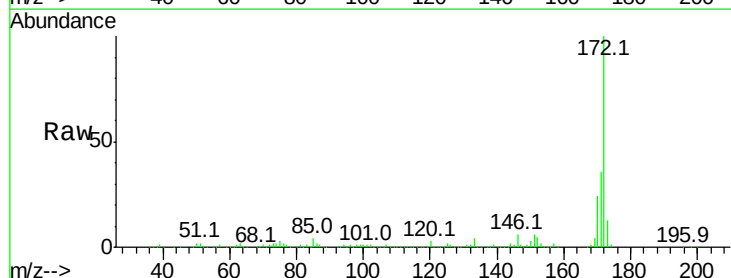


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

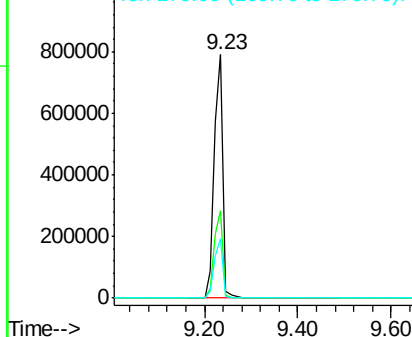
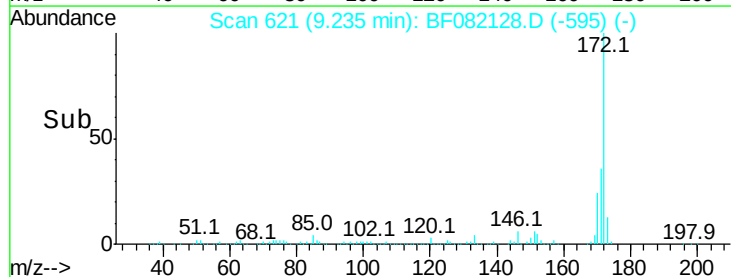


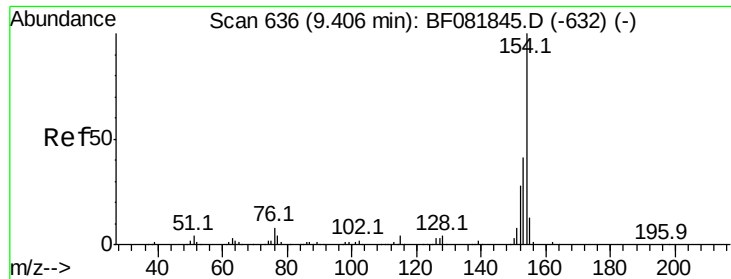
#44
 2-Fluorobiphenyl
 Concen: 104.16 ng
 RT: 9.23 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

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

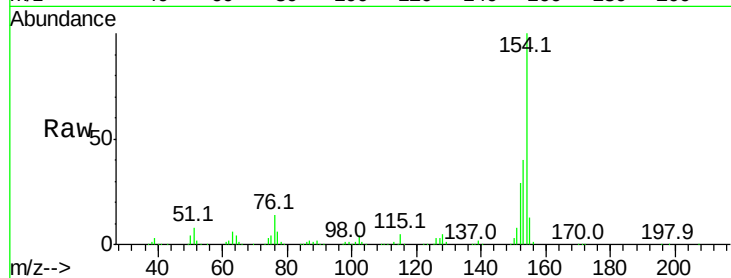




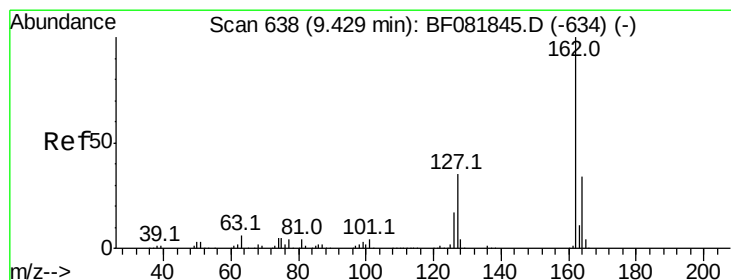
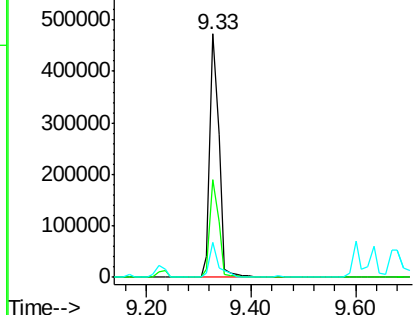
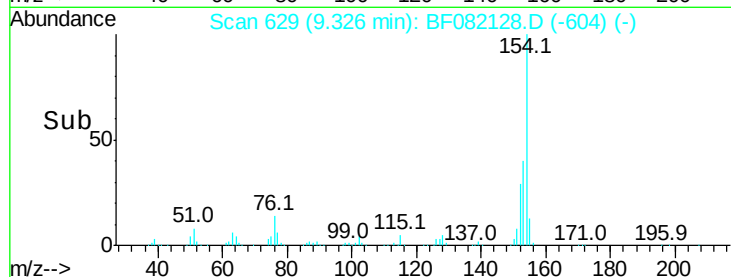
#45
 1,1'-Biphenyl
 Concen: 42.85 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

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

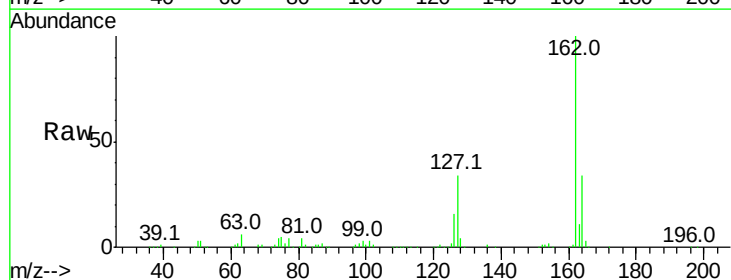


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

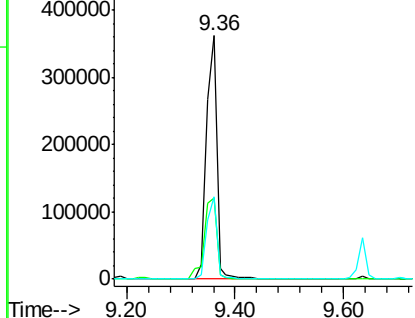
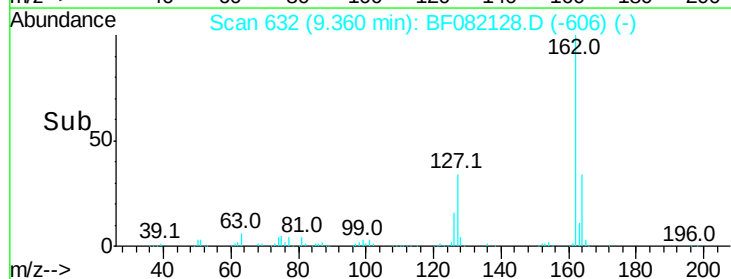


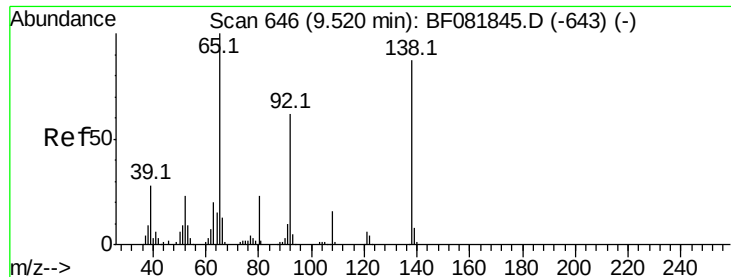
#46
 2-Chloronaphthalene
 Concen: 45.18 ng
 RT: 9.36 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

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

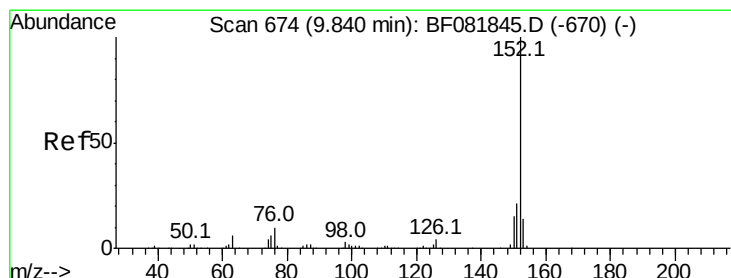
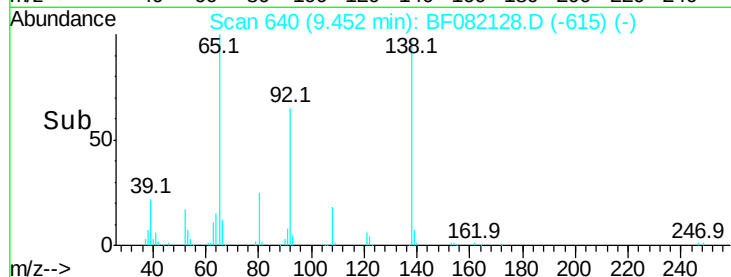
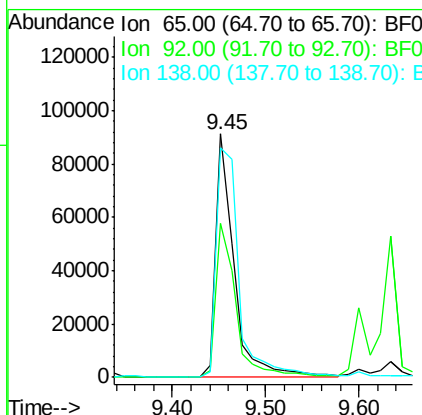
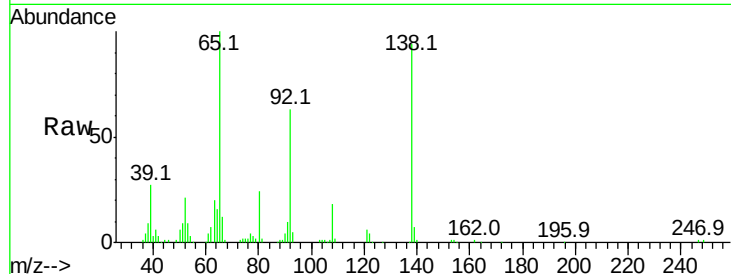




#47
2-Nitroaniline
Concen: 40.42 ng
RT: 9.45 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

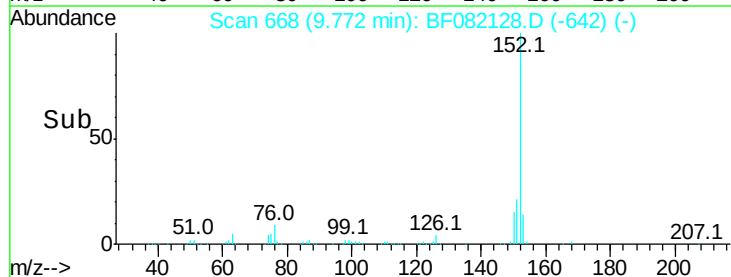
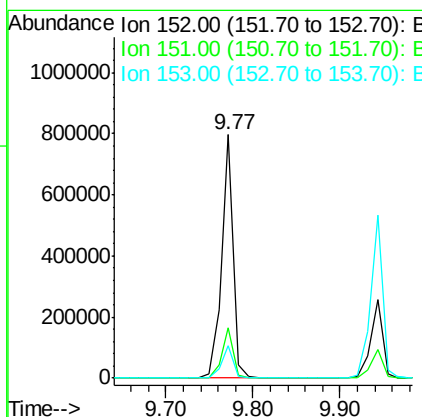
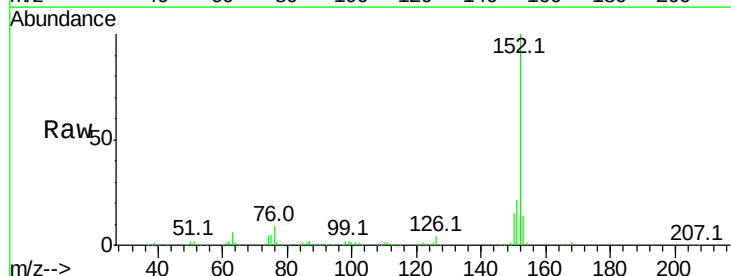
Instrument :
BNA_F
ClientSampleId :
WC100515MSD

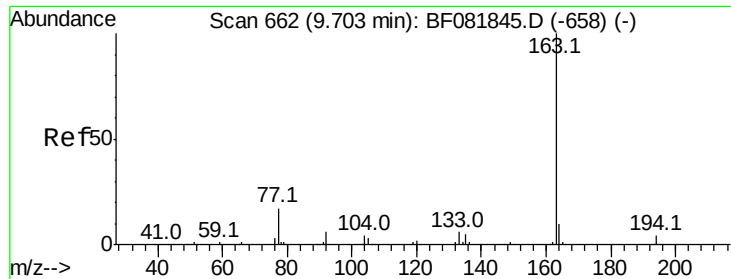
Tot Ion: 65 Resp: 124984
Ion Ratio Lower Upper
65 100
92 63.4 55.4 83.0
138 94.2 115.5 173.3#



#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

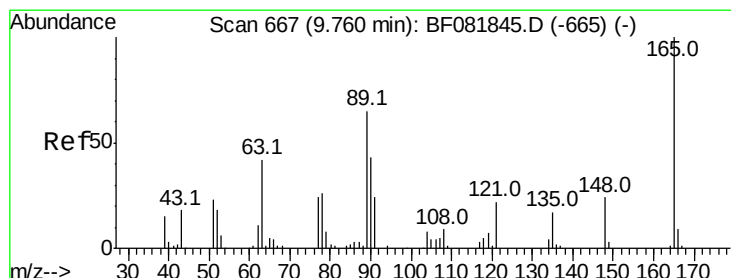
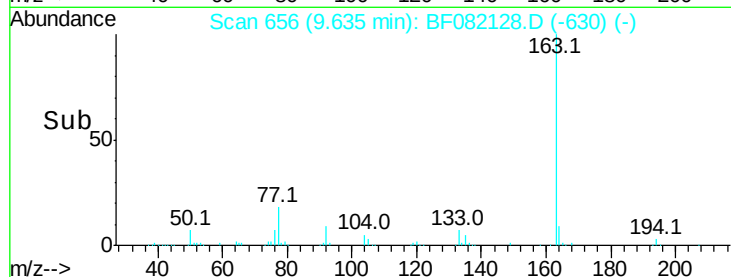
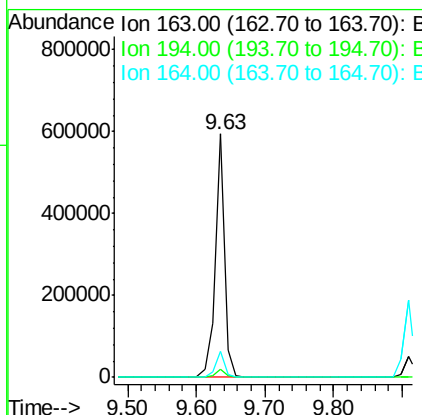
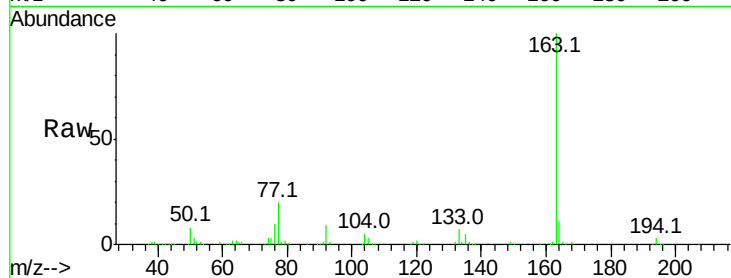




#49
Dimethylphthalate
Concen: 47.24 ng
RT: 9.63 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

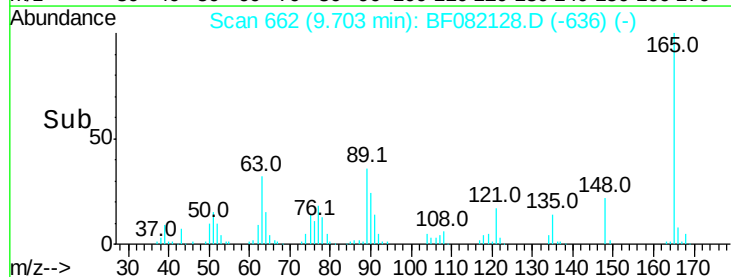
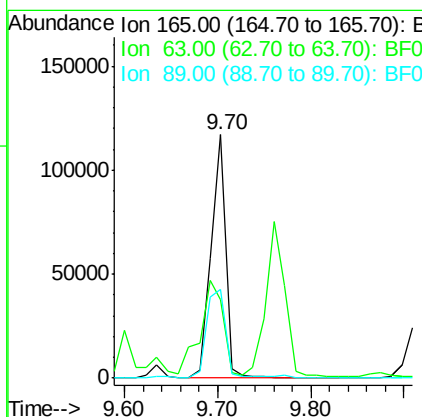
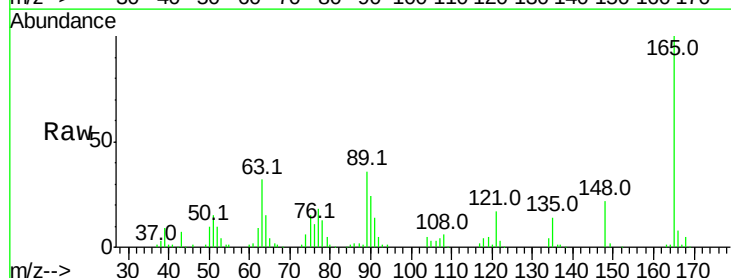
Instrument :
BNA_F
ClientSampleId :
WC100515MSD

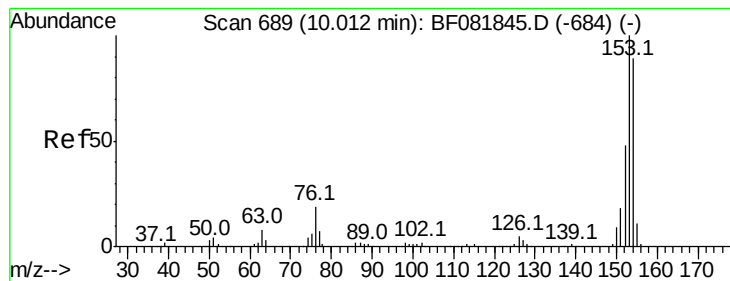
Tot Ion:163 Resp: 567038
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 10.5 8.3 12.5



#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





#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

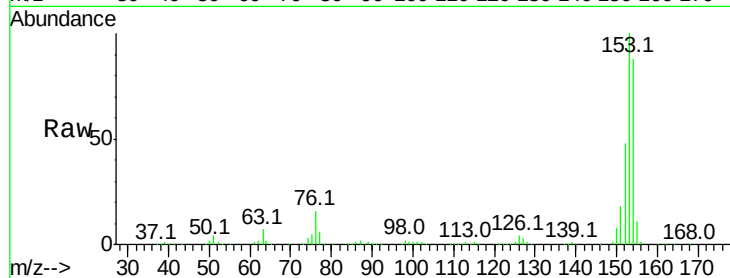
Tot Ion:154 Resp: 450834

Ion Ratio Lower Upper

154 100

153 113.0 82.1 123.1

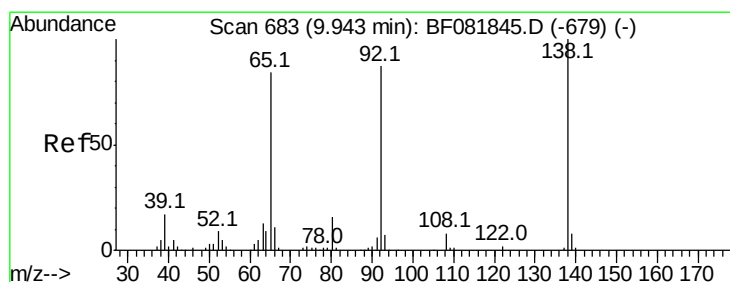
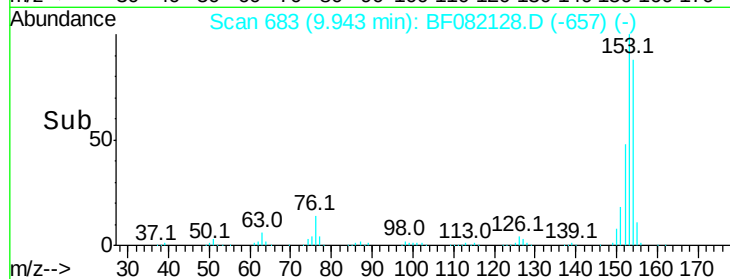
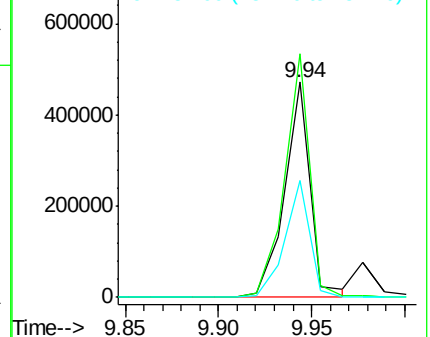
152 54.4 37.9 56.9



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

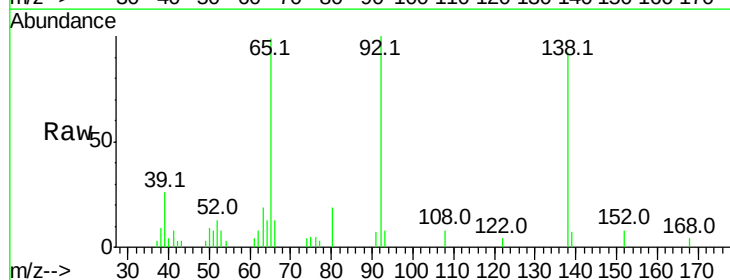
Tgt Ion:138 Resp: 25524

Ion Ratio Lower Upper

138 100

108 8.8 5.7 8.5#

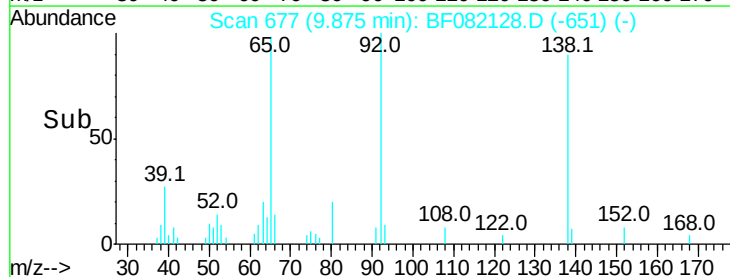
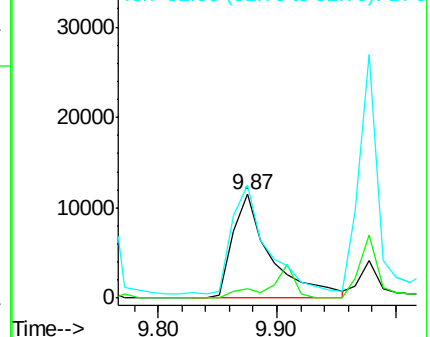
92 109.0 67.7 101.5#

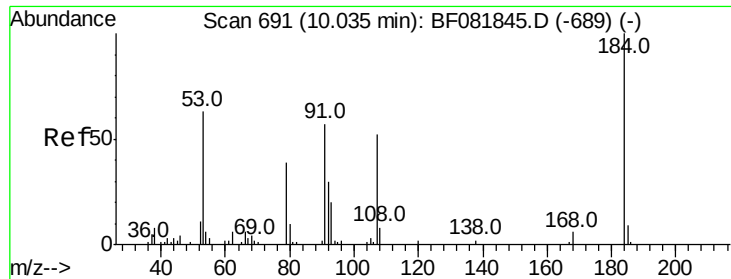


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

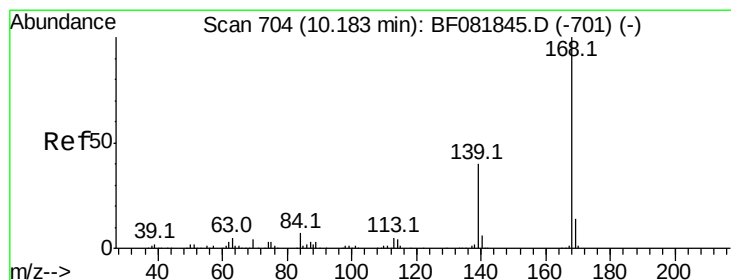
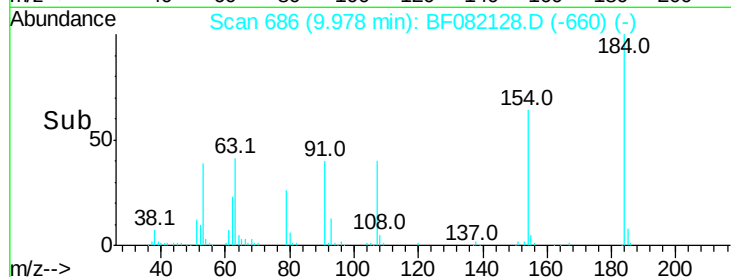
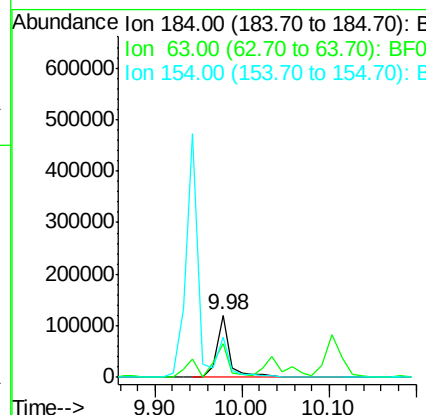
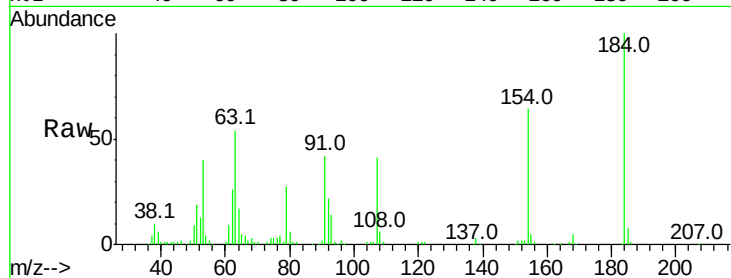




#53
2,4-Dinitrophenol
Concen: 92.05 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

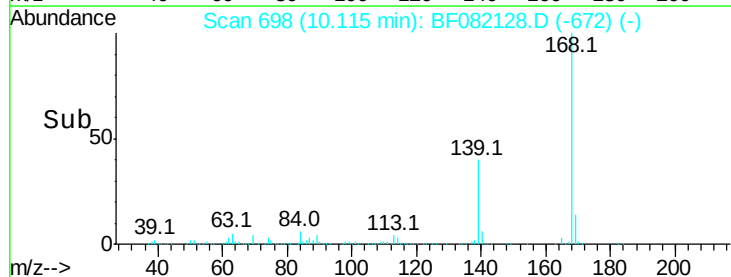
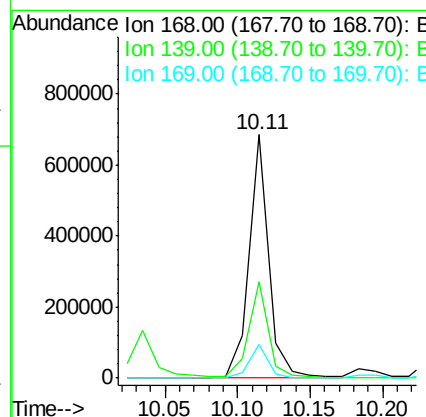
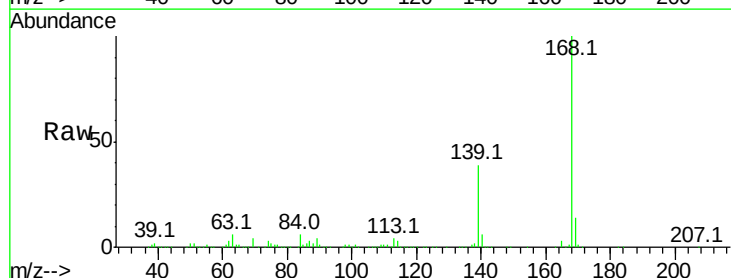
Instrument :
BNA_F
ClientSampleId :
WC100515MSD

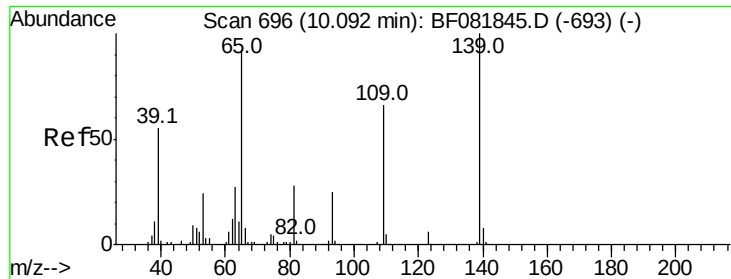
Tot Ion:184 Resp: 129216
Ion Ratio Lower Upper
184 100
63 54.5 35.4 53.2#
154 64.2 32.2 48.4#



#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

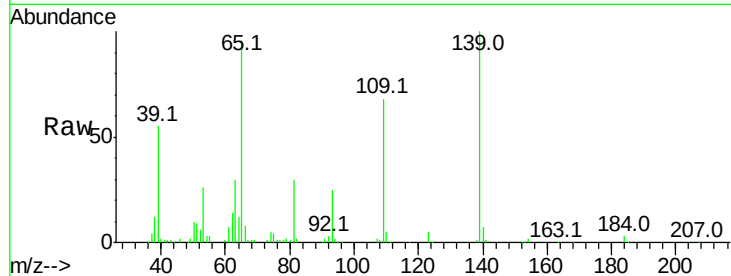




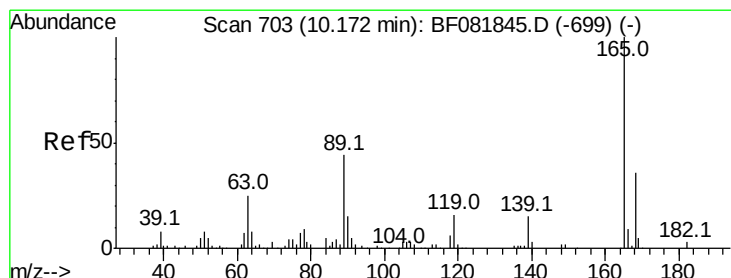
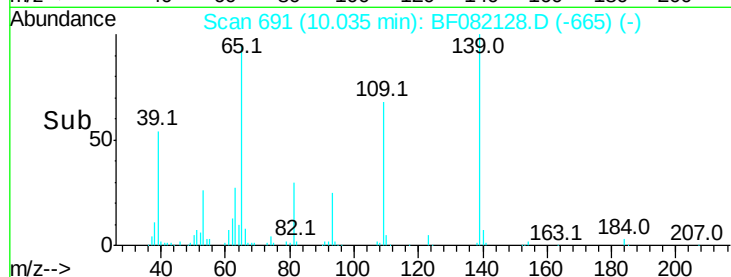
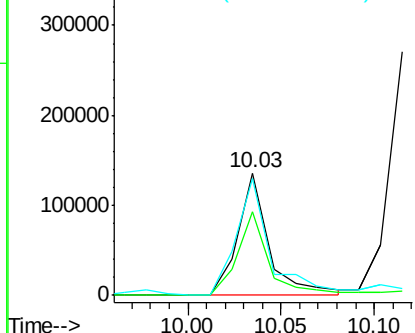
#55
4-Nitrophenol
Concen: 73.37 ng
RT: 10.03 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

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#

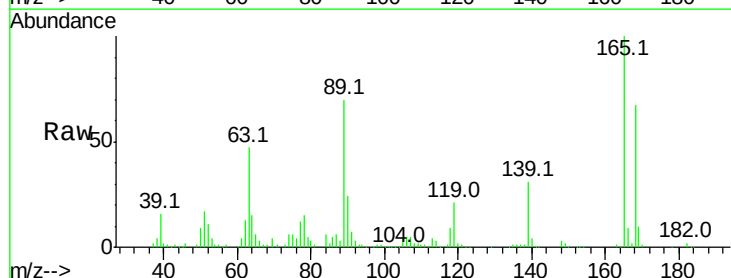


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

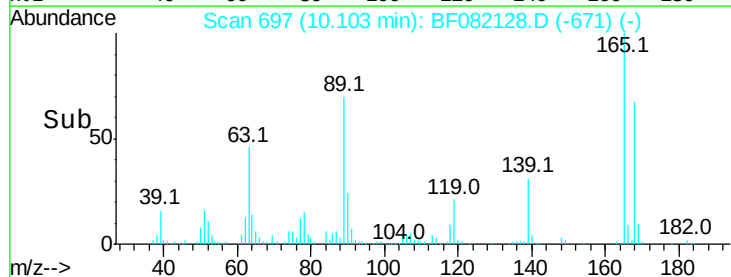
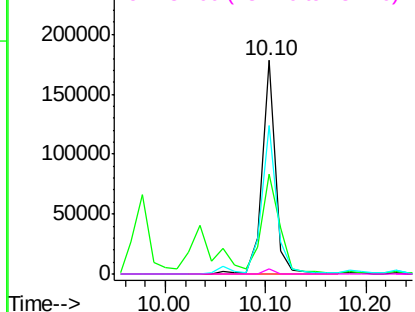


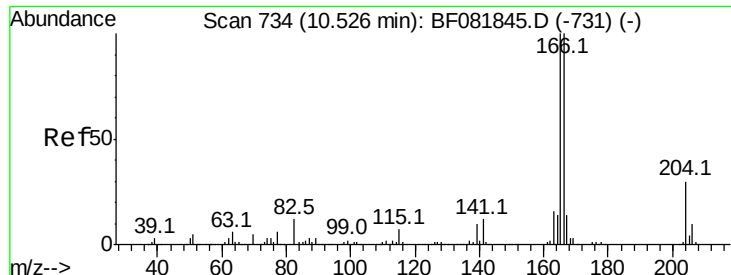
#56
2,4-Dinitrotoluene
Concen: 49.55 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

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#



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

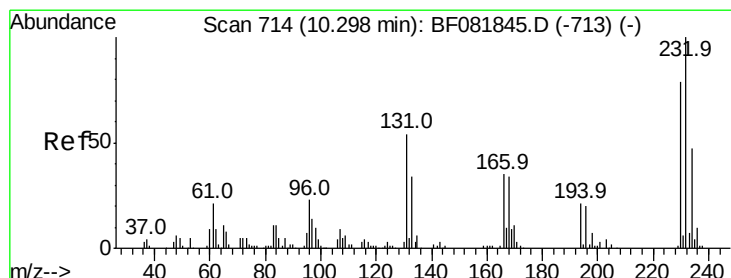
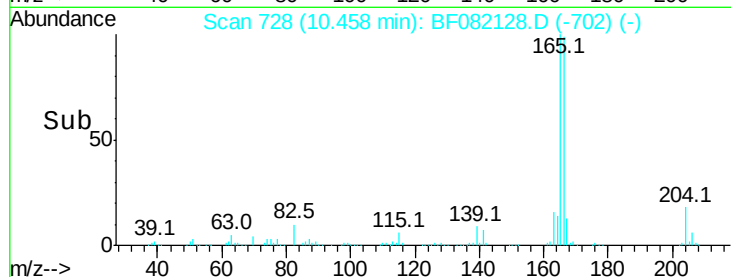
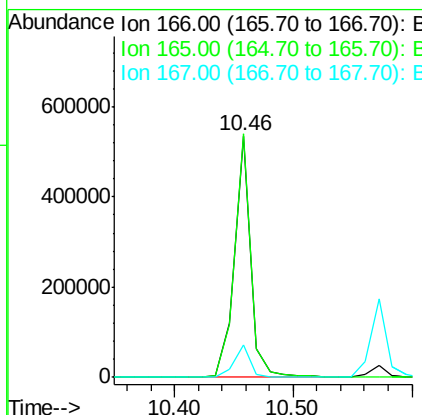
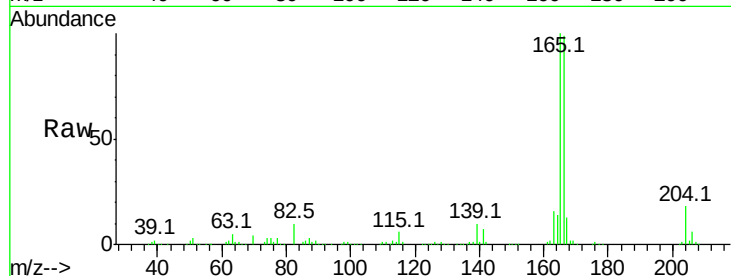




#57
Fluorene
 Concen: 51.05 ng
 RT: 10.46 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

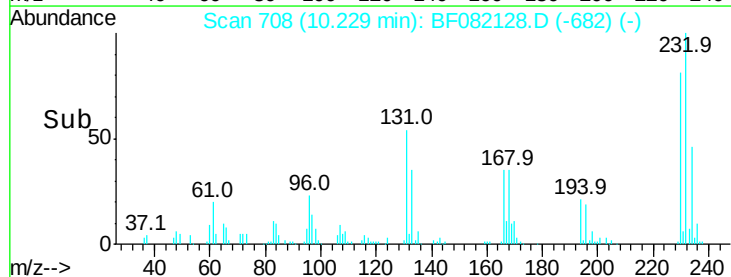
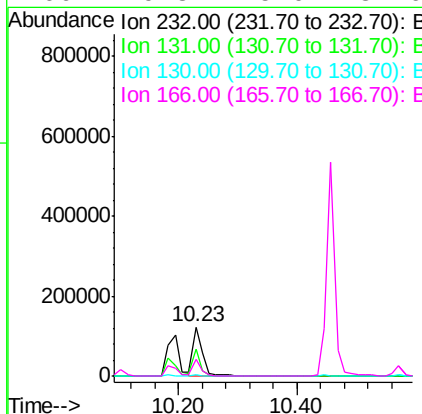
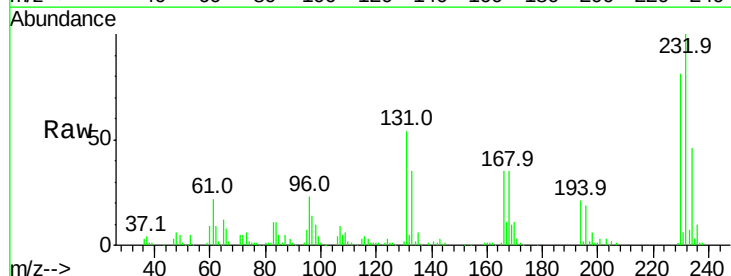
Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

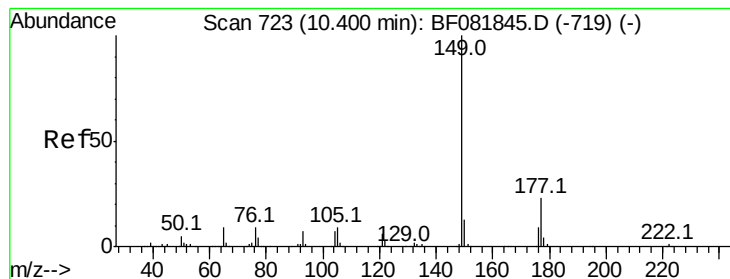
Tot Ion:166 Resp: 513666
 Ion Ratio Lower Upper
 166 100
 165 100.9 72.6 109.0
 167 13.4 10.6 16.0



#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





#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

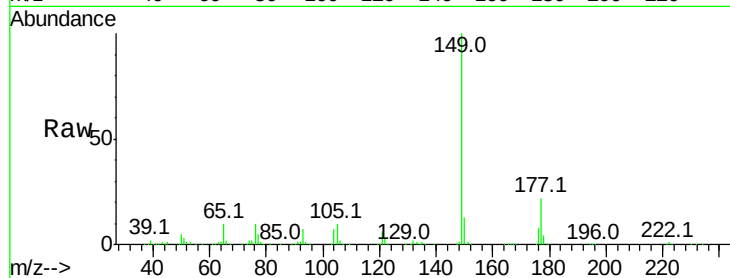
Tot Ion:149 Resp: 526950

Ion Ratio Lower Upper

149 100

177 21.5 17.5 26.3

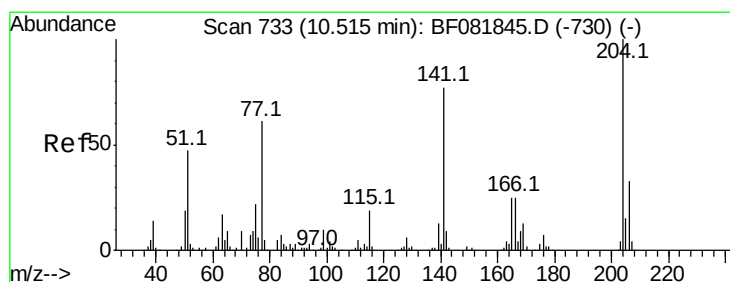
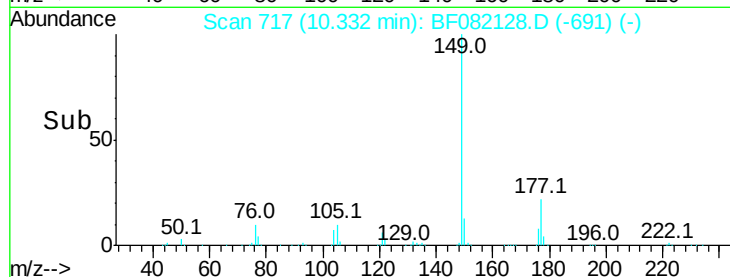
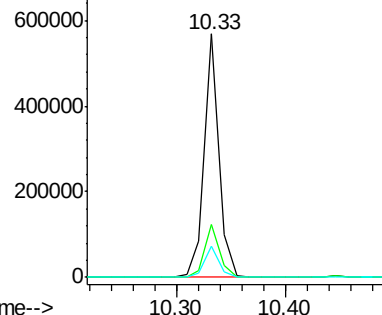
150 12.9 9.4 14.2



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

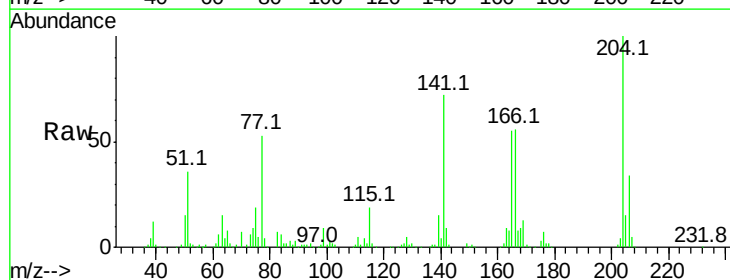
Tgt Ion:204 Resp: 231577

Ion Ratio Lower Upper

204 100

206 34.1 24.8 37.2

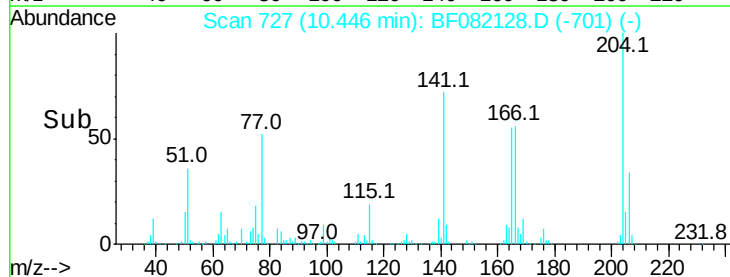
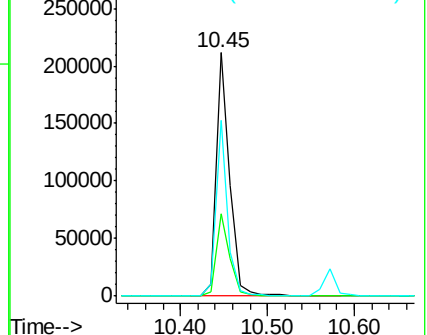
141 72.0 42.2 63.4#

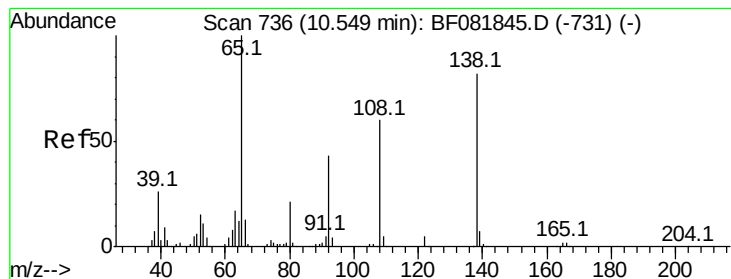


Abundance Ion 204.00 (203.70 to 204.70): E

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

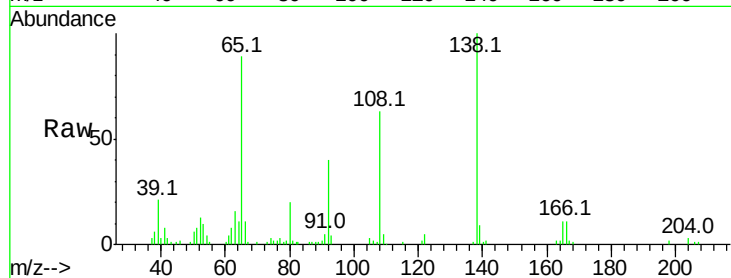
Tot Ion:138 Resp: 112536

Ion Ratio Lower Upper

138 100

92 40.2 12.6 52.6

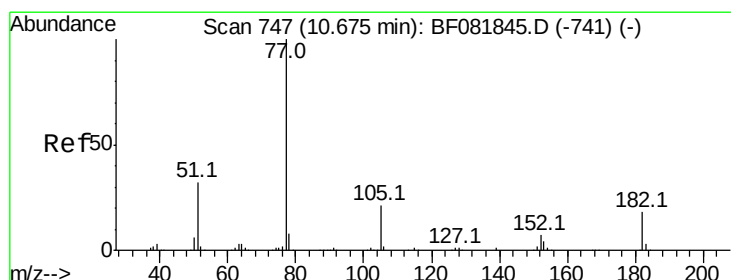
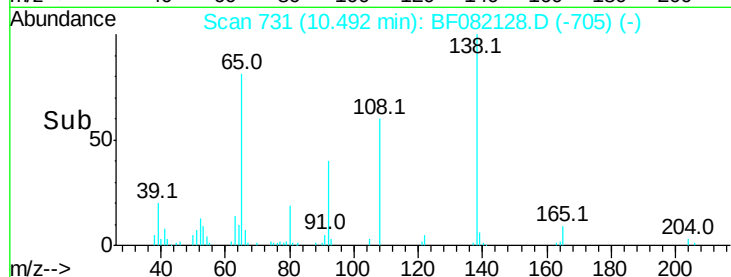
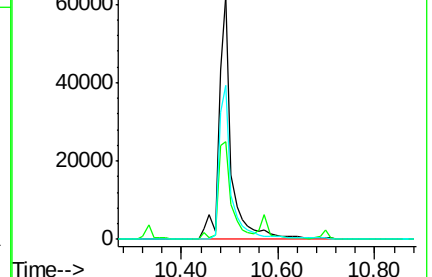
108 63.1 12.4 52.4#



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

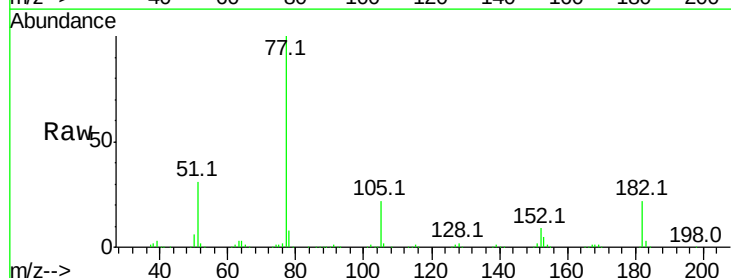
Ion Ratio Lower Upper

77 100

182 21.8 15.1 55.1

105 21.9 3.4 43.4

51 30.9 12.0 52.0

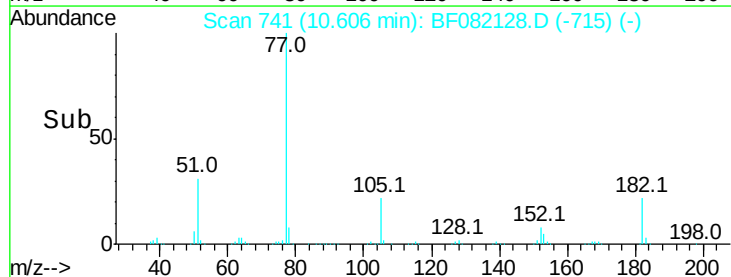
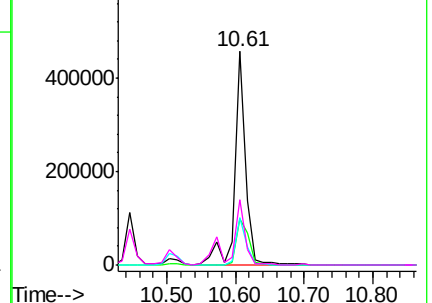


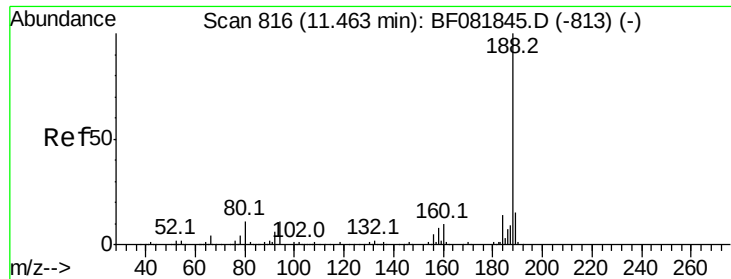
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

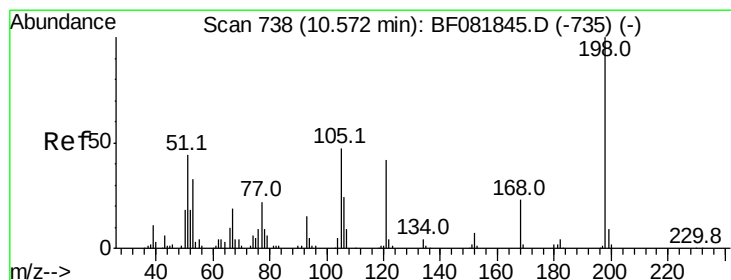
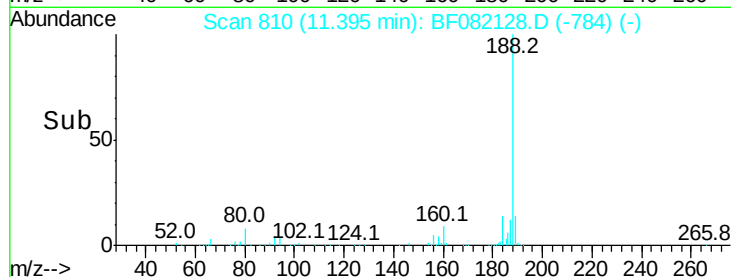
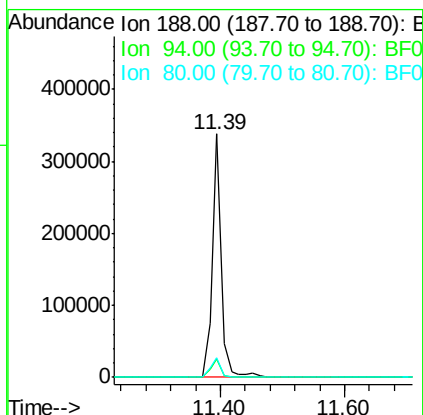
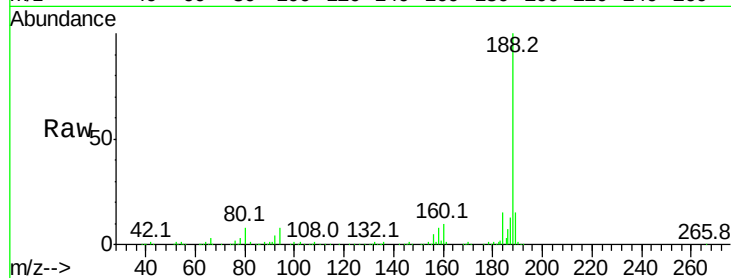




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

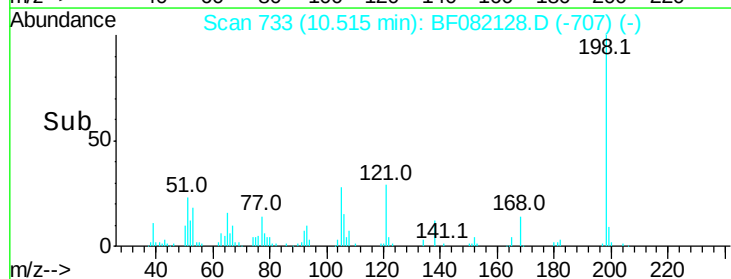
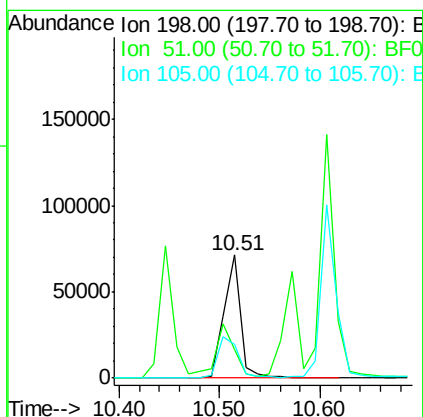
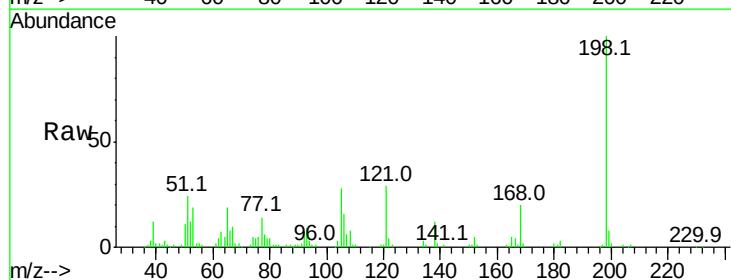
Instrument :
BNA_F
ClientSampleId :
WC100515MSD

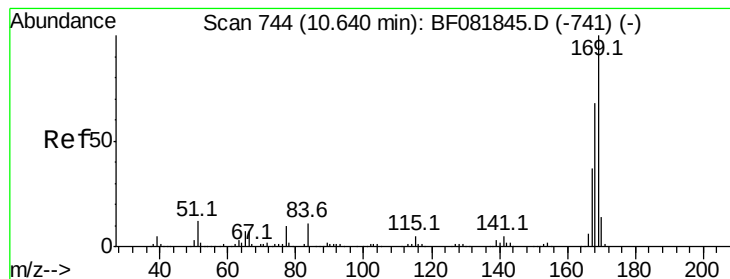
Tot Ion:188 Resp: 335779
Ion Ratio Lower Upper
188 100
94 7.5 11.1 16.7#
80 8.3 11.0 16.4#



#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

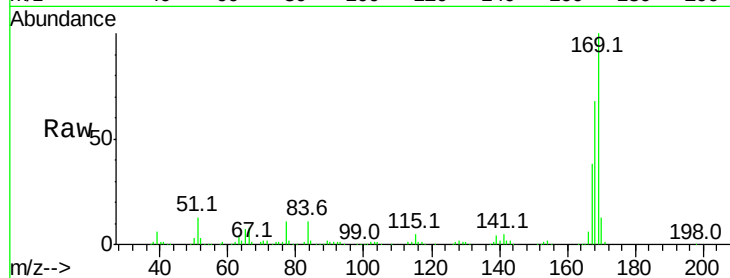
Tot Ion:169 Resp: 443092

Ion Ratio Lower Upper

169 100

168 67.5 48.9 73.3

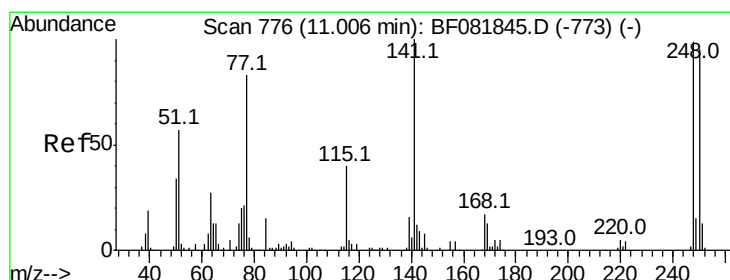
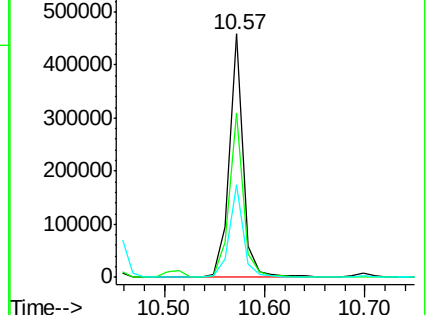
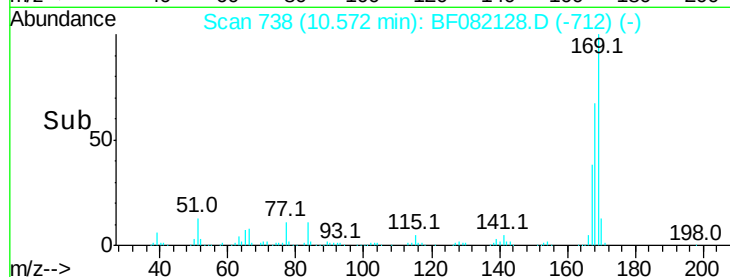
167 37.8 26.2 39.4



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

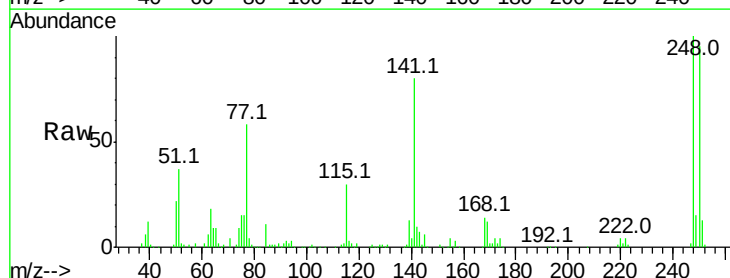
Tgt Ion:248 Resp: 160736

Ion Ratio Lower Upper

248 100

250 95.5 78.5 117.7

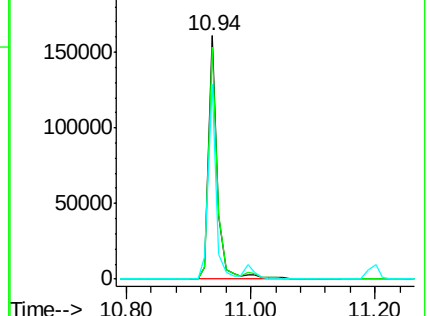
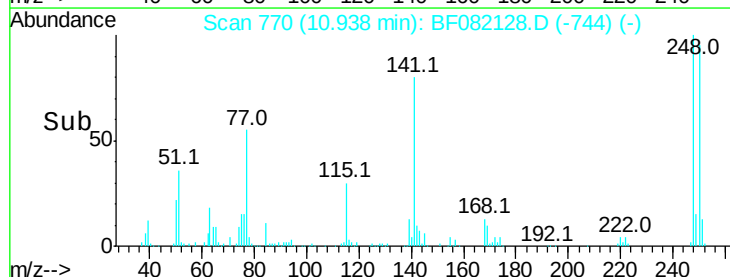
141 80.0 59.0 88.6

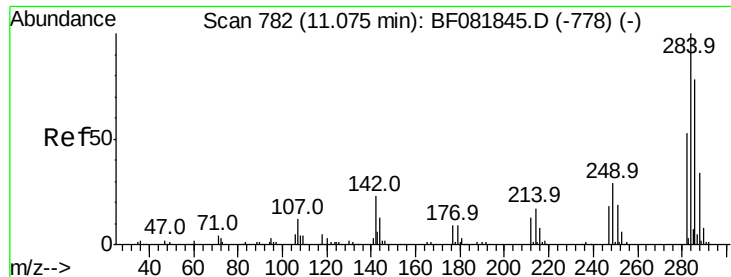


Abundance Ion 248.00 (247.70 to 248.70): E

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

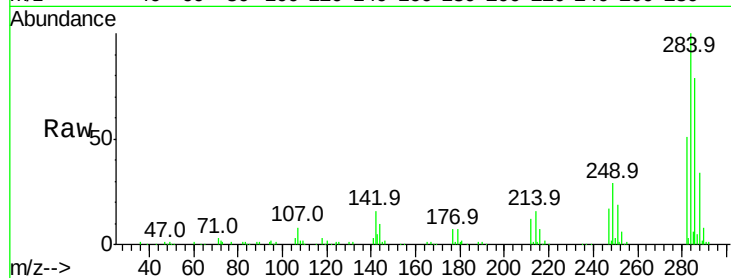
Tot Ion:284 Resp: 170067

Ion Ratio Lower Upper

284 100

142 16.2 29.5 44.3#

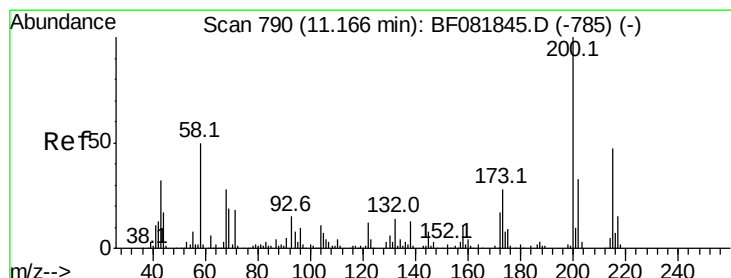
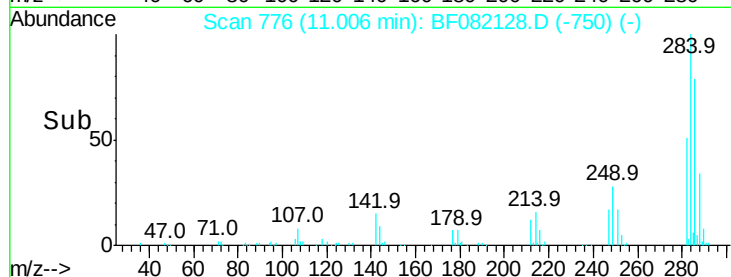
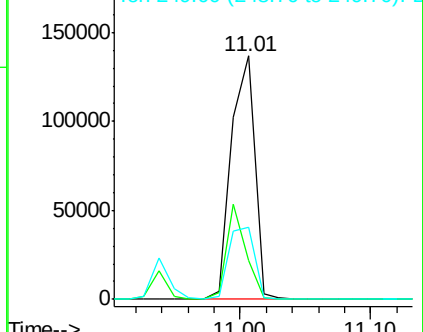
249 29.4 19.5 29.3#



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

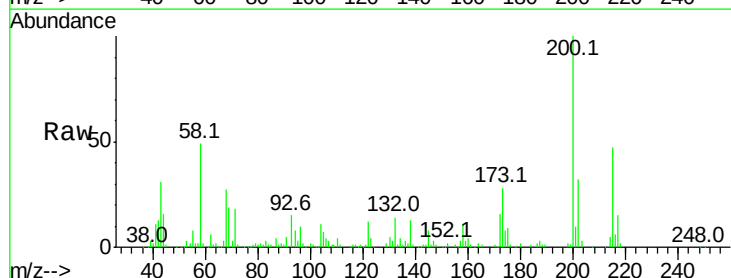
Tgt Ion:200 Resp: 114319

Ion Ratio Lower Upper

200 100

173 27.5 13.2 53.2

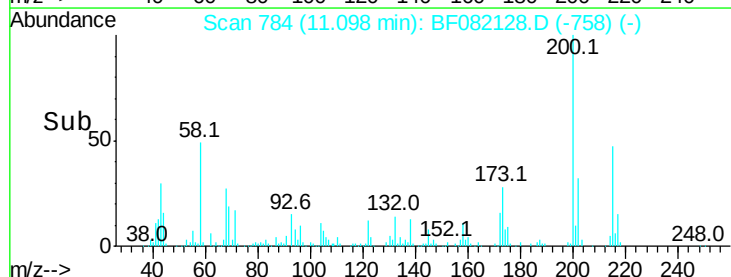
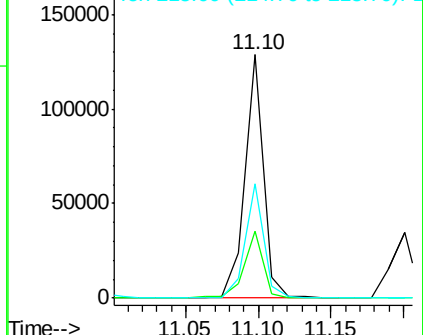
215 46.9 41.8 81.8

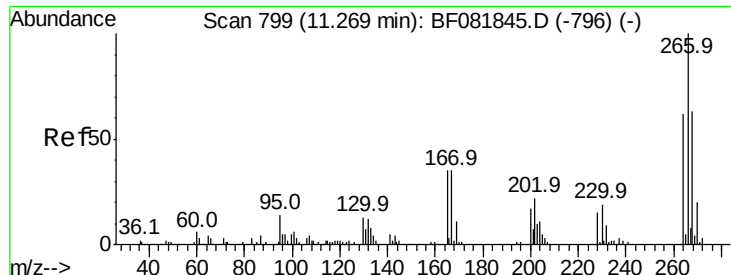


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

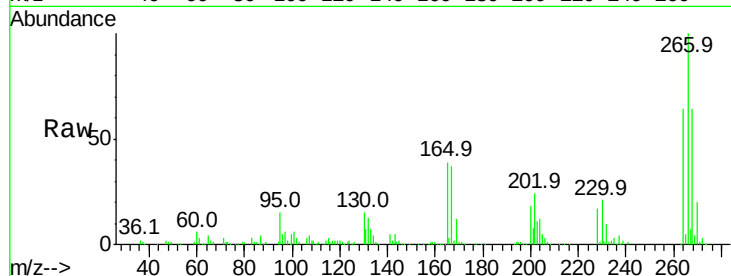




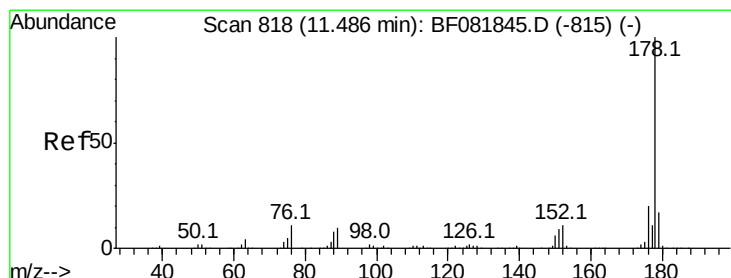
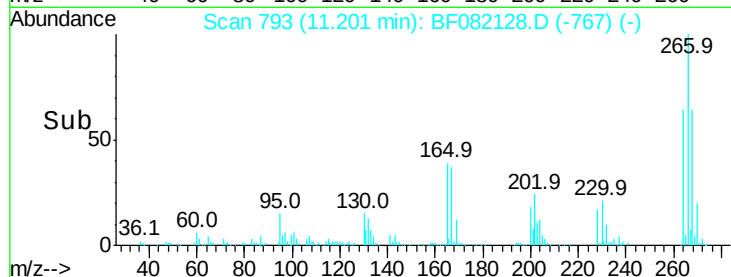
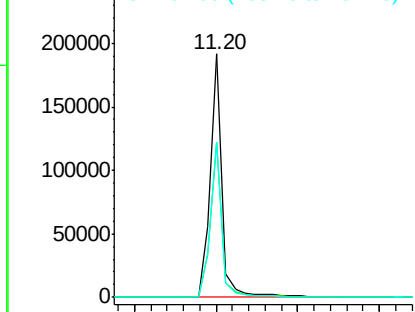
#69
 Pentachlorophenol
 Concen: 90.64 ng
 RT: 11.20 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

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

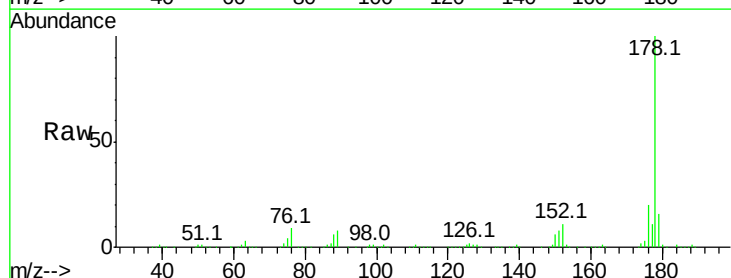


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

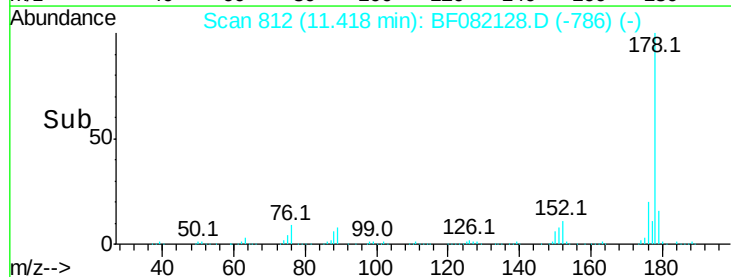
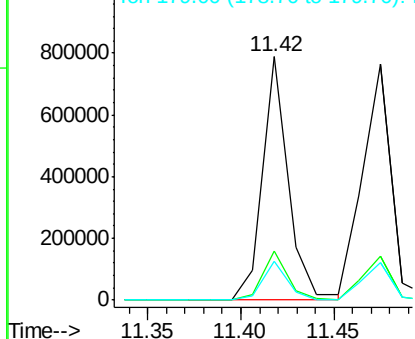


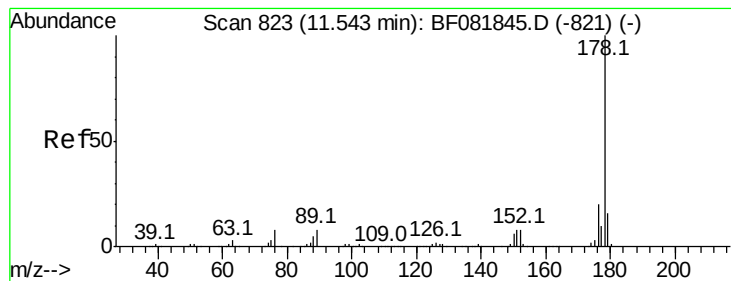
#70
 Phenanthrene
 Concen: 46.65 ng
 RT: 11.42 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

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 :

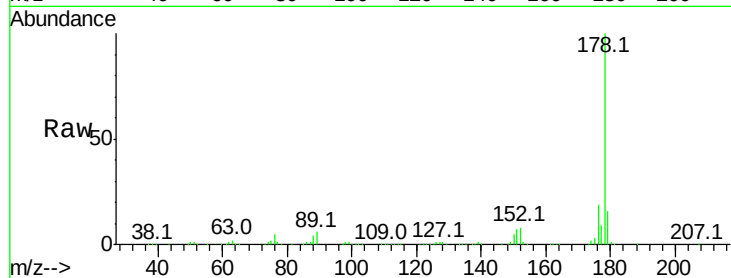
BNA_F

ClientSampleId :

WC100515MSD

Tot Ion:178 Resp: 847492

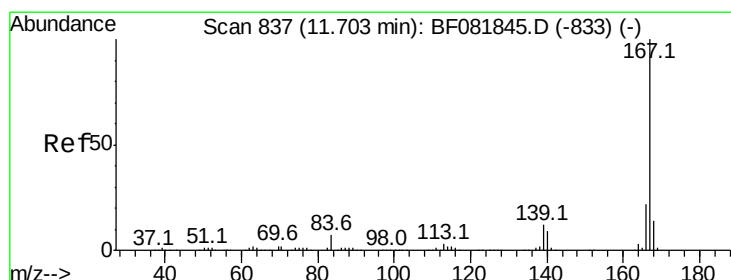
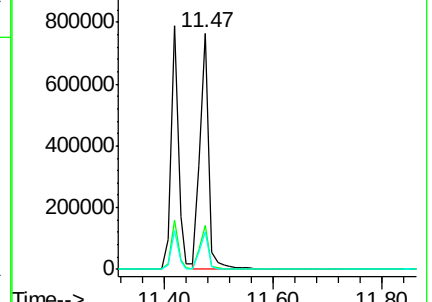
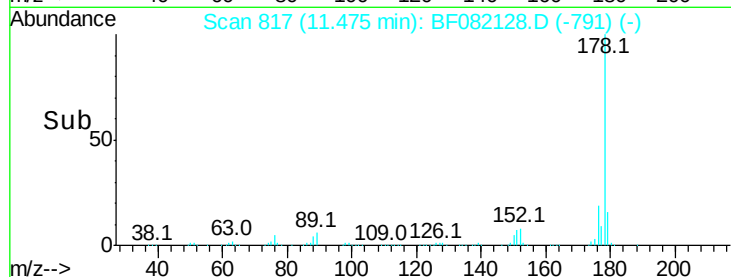
Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.1	21.1
179	15.8	12.2	18.2



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

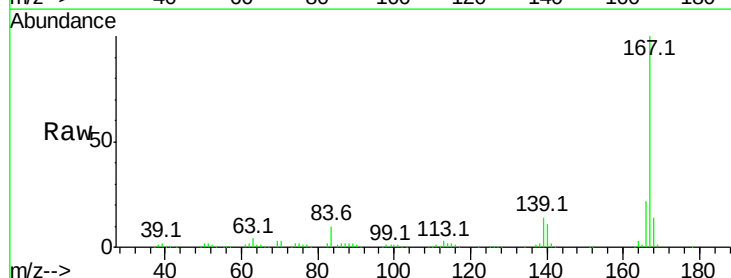
Delta R.T. -0.01 min

Lab File: BF082128.D

Acq: 8 Oct 2015 15:33

Tgt Ion:167 Resp: 675045

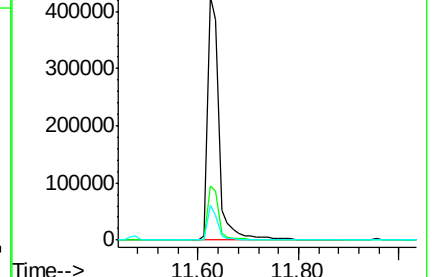
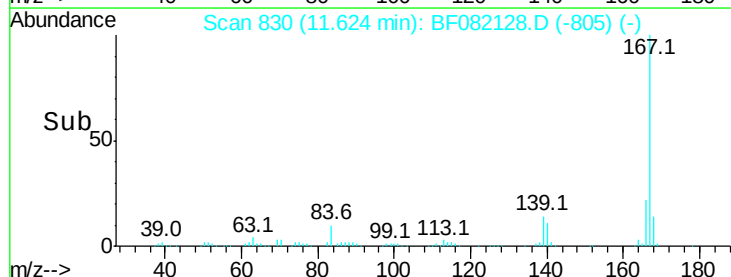
Ion	Ratio	Lower	Upper
167	100		
166	22.3	15.7	23.5
139	14.1	9.5	14.3

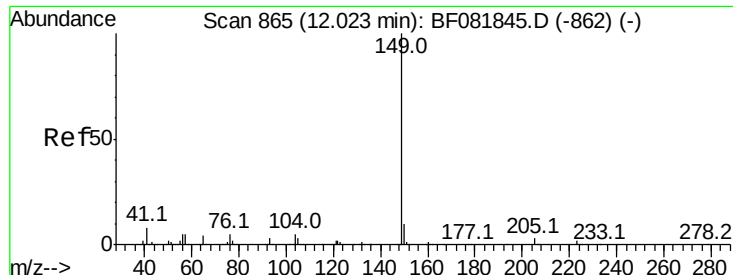


Abundance Ion 167.00 (166.70 to 167.70): E

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

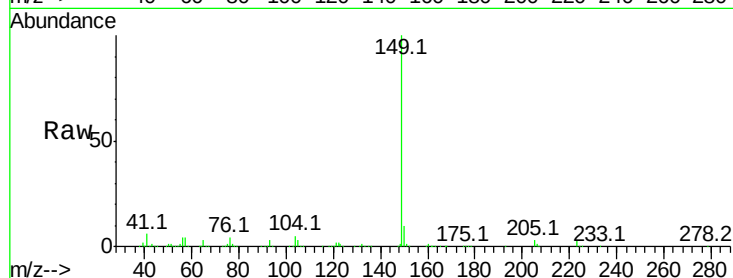
Tot Ion:149 Resp: 880973

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

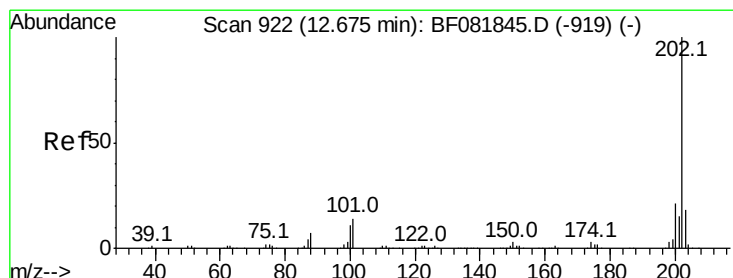
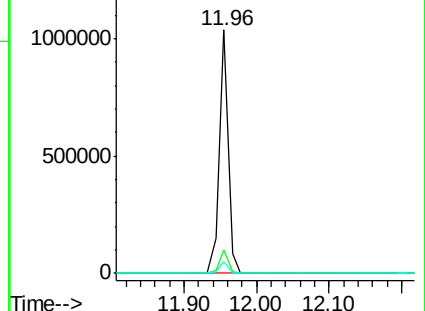
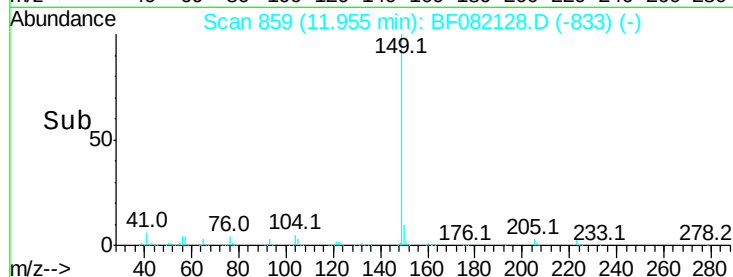
104 4.7 2.4 3.6#



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

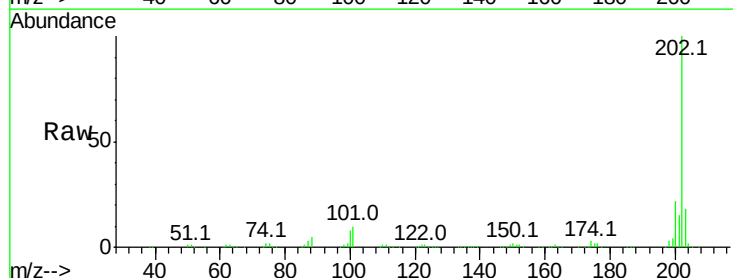
Tgt Ion:202 Resp: 837304

Ion Ratio Lower Upper

202 100

101 10.3 0.0 38.3

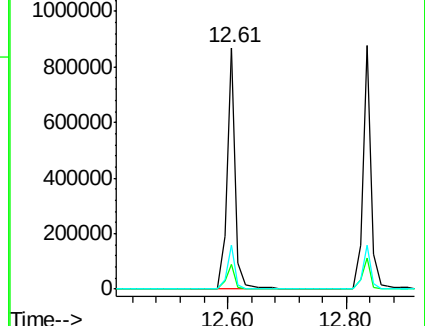
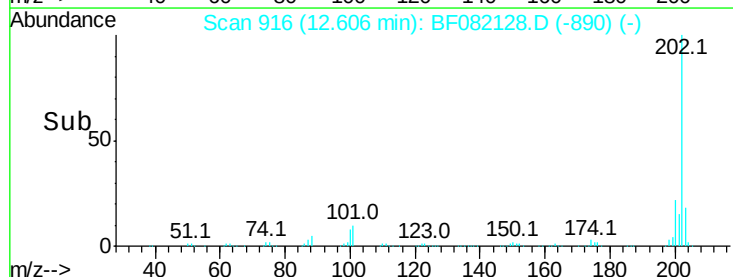
203 18.0 0.0 37.3

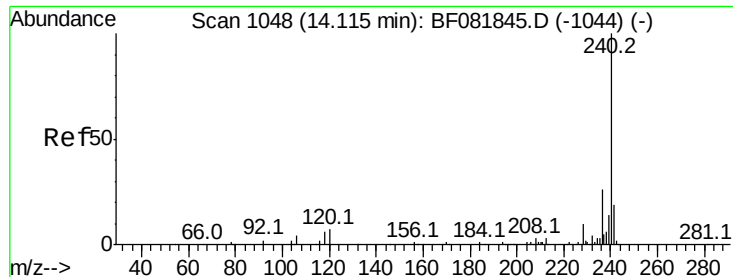


Abundance Ion 202.00 (201.70 to 202.70): E

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

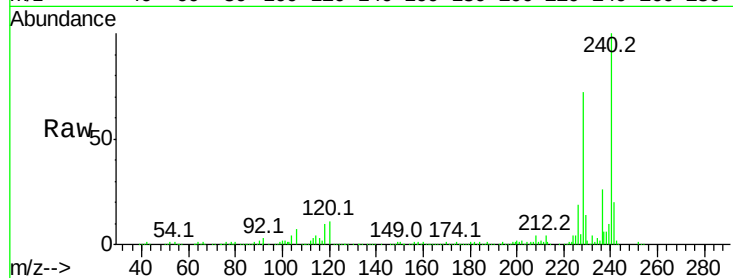
Tot Ion:240 Resp: 313002

Ion Ratio Lower Upper

240 100

120 10.6 16.2 24.2#

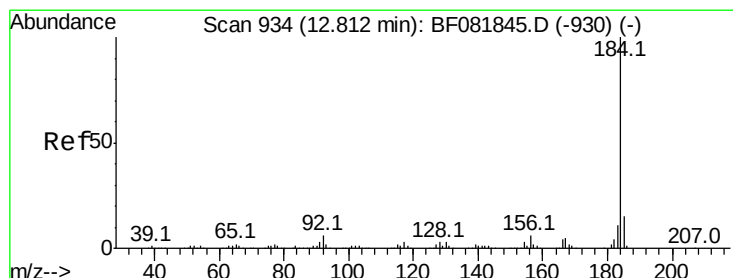
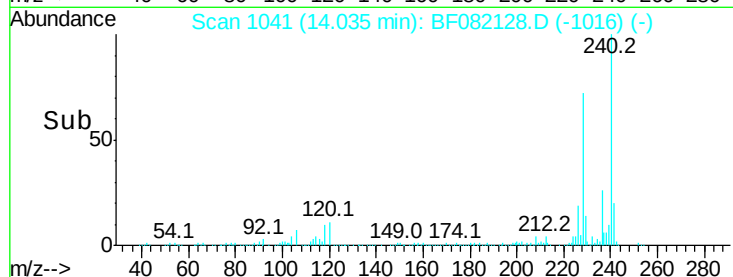
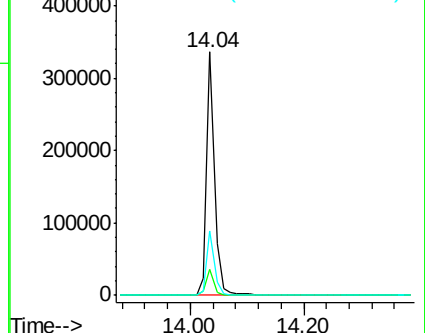
236 26.4 18.4 27.6



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

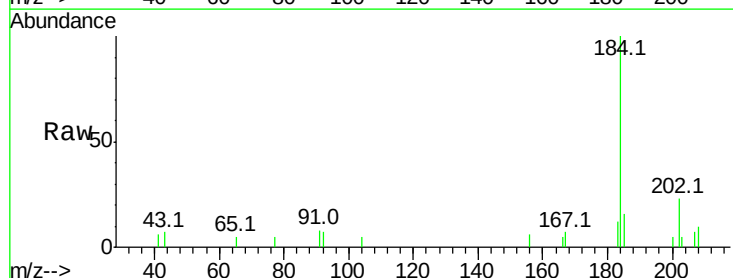
Tgt Ion:184 Resp: 28615

Ion Ratio Lower Upper

184 100

185 15.7 11.8 17.6

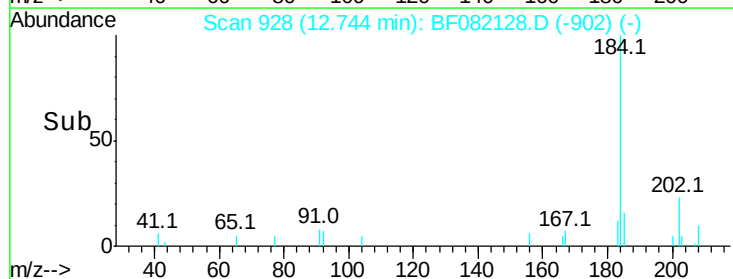
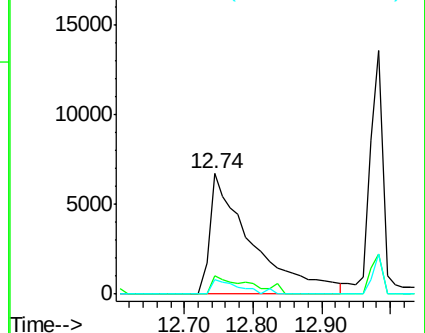
183 11.7 7.6 11.4#

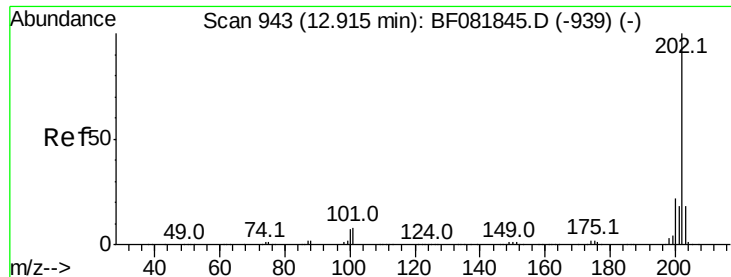


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

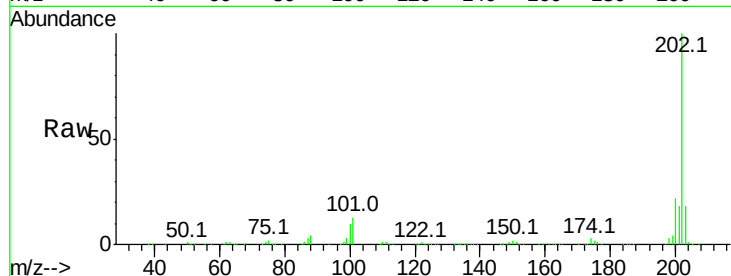




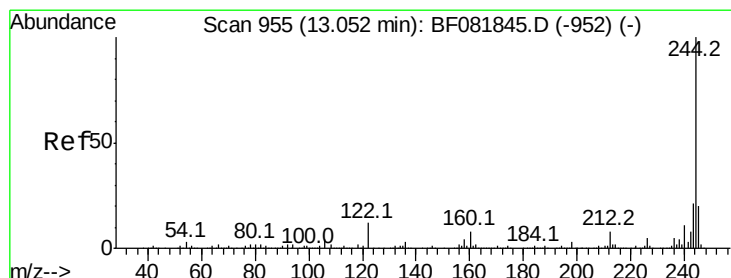
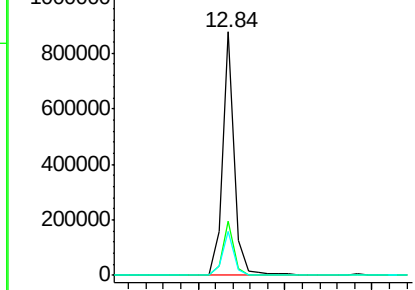
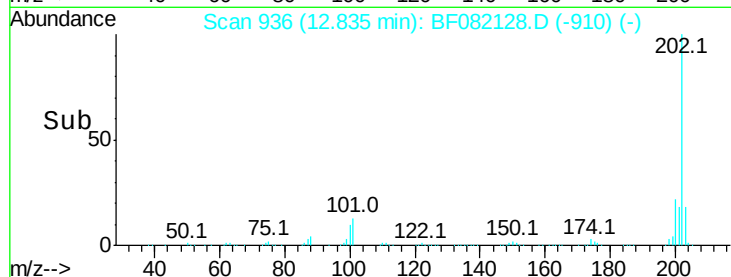
#77
 Pvrene
 Concen: 44.33 ng
 RT: 12.84 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

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

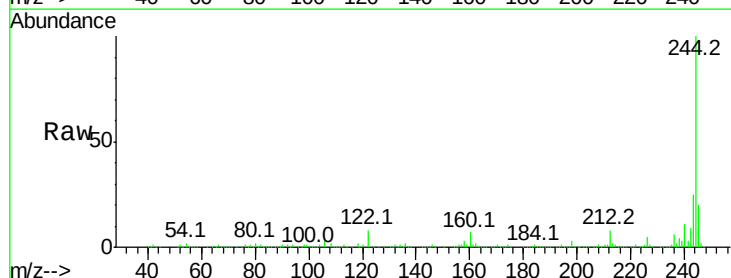


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

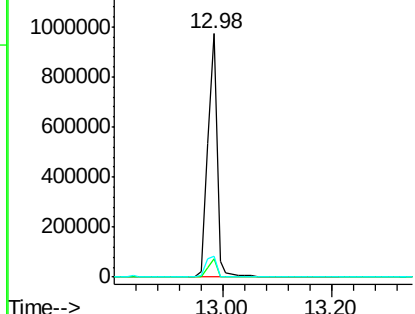
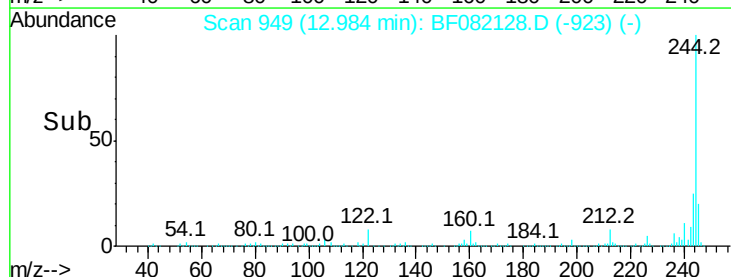


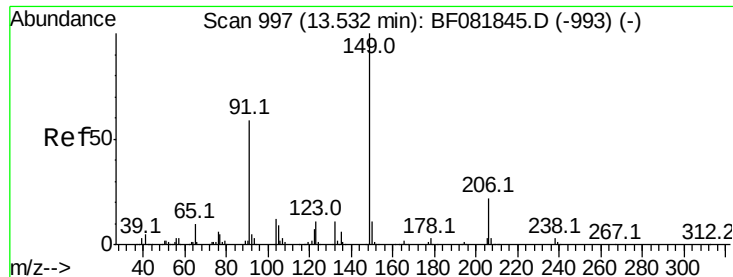
#78
 Terphenyl-d14
 Concen: 143.92 ng
 RT: 12.98 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

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

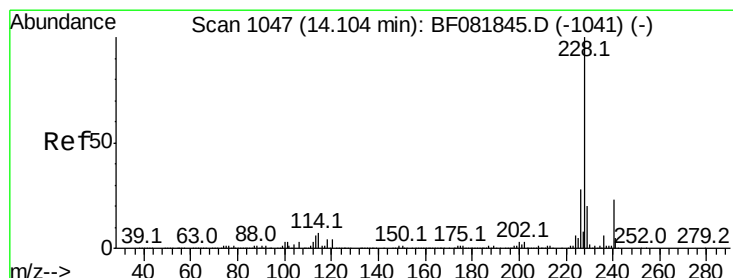
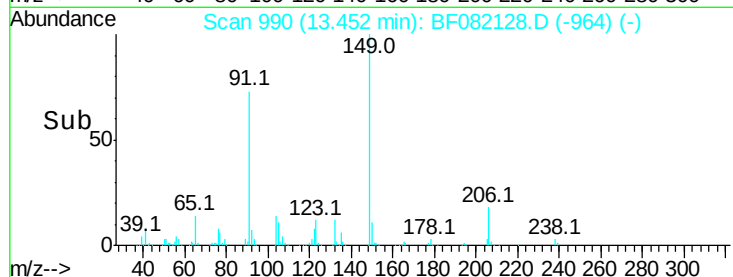
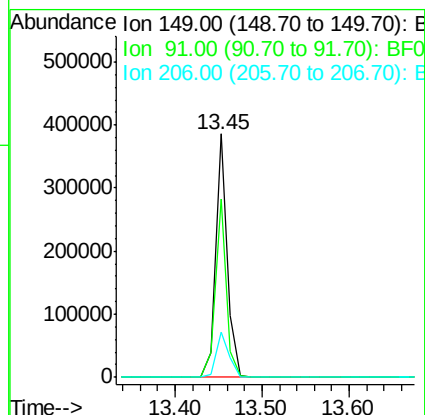
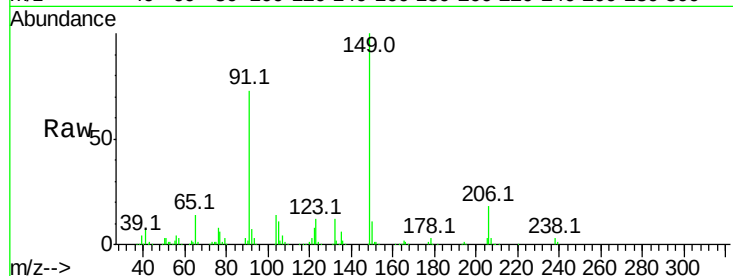




#79
Butylbenzylphthalate
Concen: 52.11 ng
RT: 13.45 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

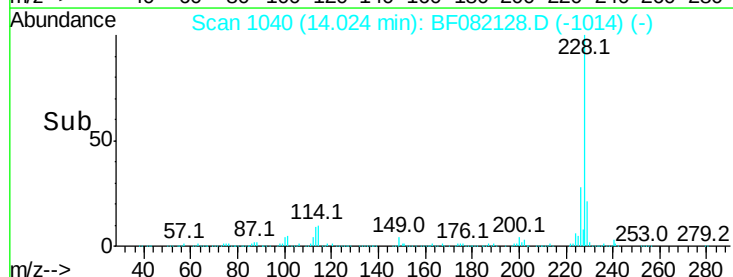
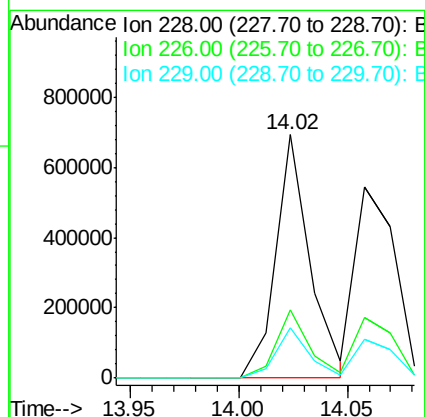
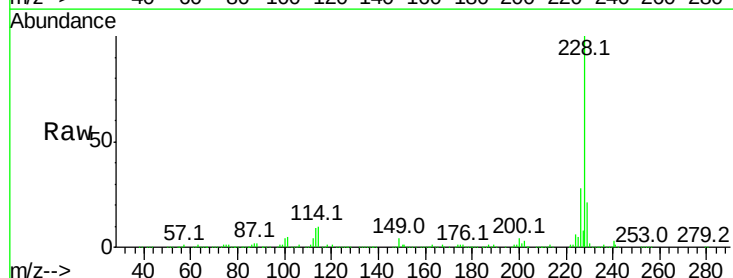
Instrument :
BNA_F
ClientSampleId :
WC100515MSD

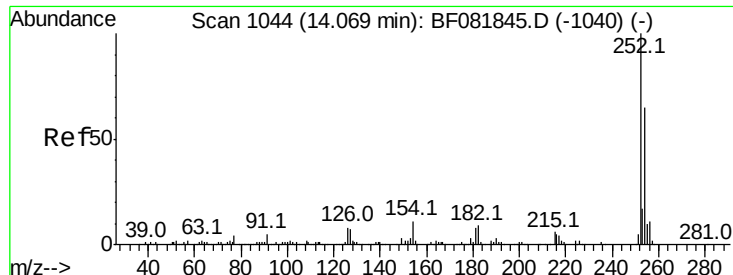
Tot Ion:149 Resp: 366642
Ion Ratio Lower Upper
149 100
91 73.4 48.6 72.8#
206 18.5 14.9 22.3



#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

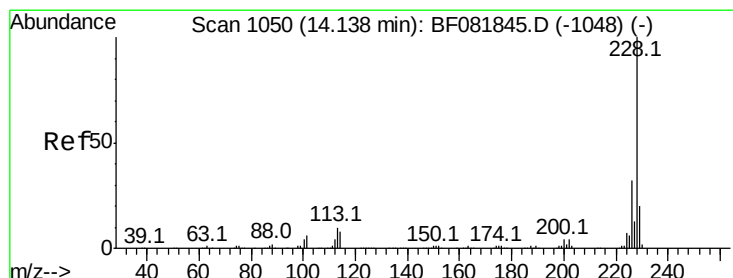
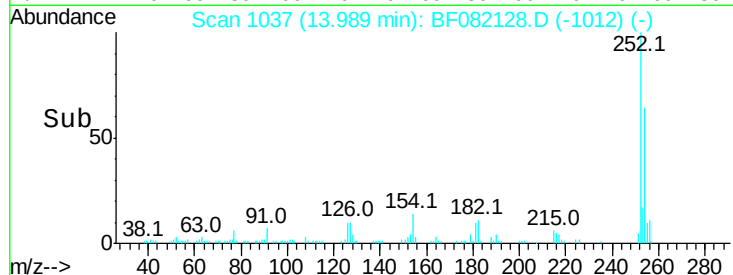
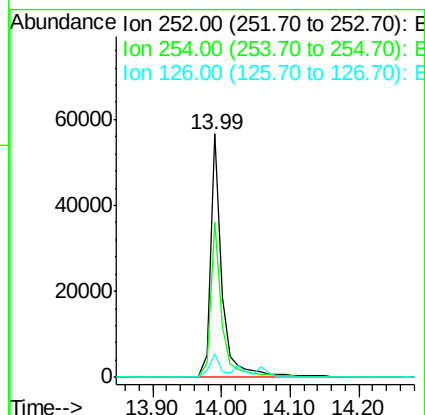
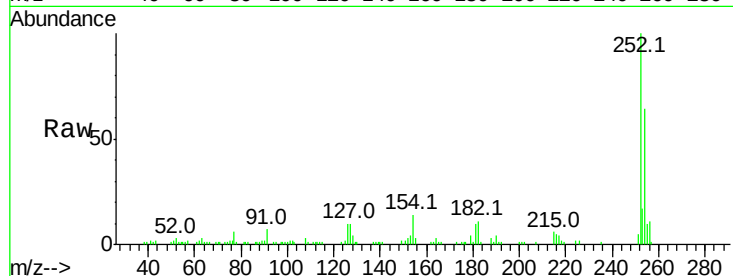




#81
 3,3'-Dichlorobenzidine
 Concen: 11.66 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

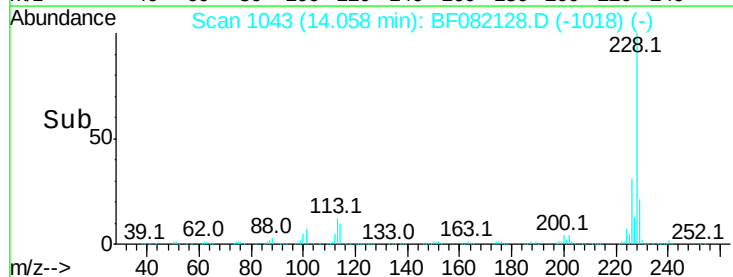
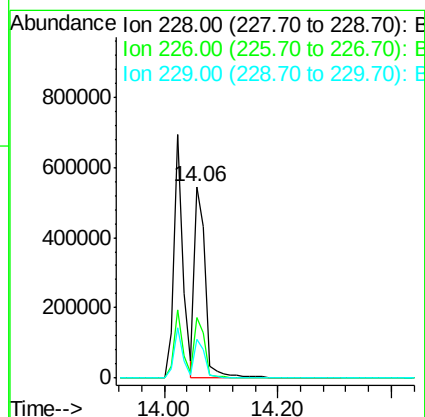
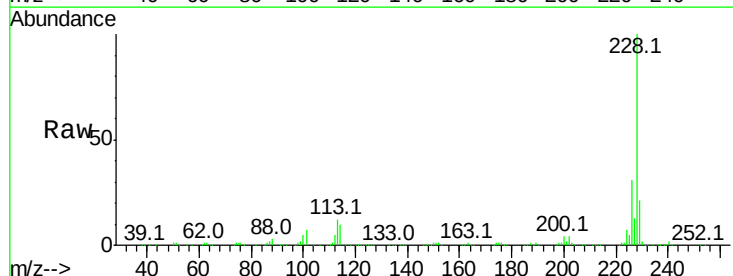
Instrument :
 BNA_F
 ClientSampleId :
 WC100515MSD

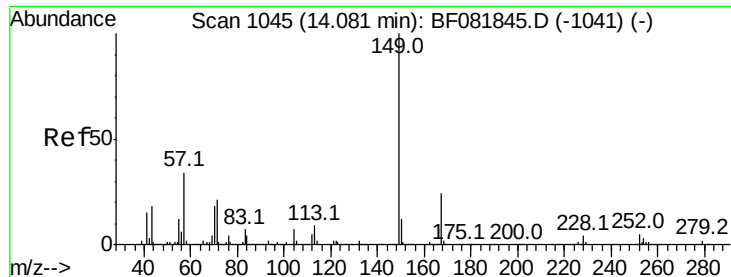
Tot Ion:252 Resp: 66354
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.4 77.2
 126 9.5 16.4 24.6#



#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





#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

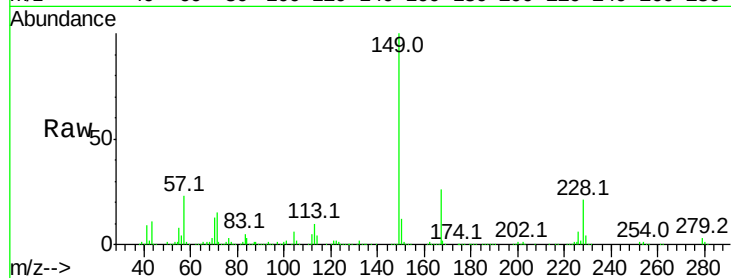
Tot Ion:149 Resp: 549998

Ion Ratio Lower Upper

149 100

167 26.5 24.2 36.2

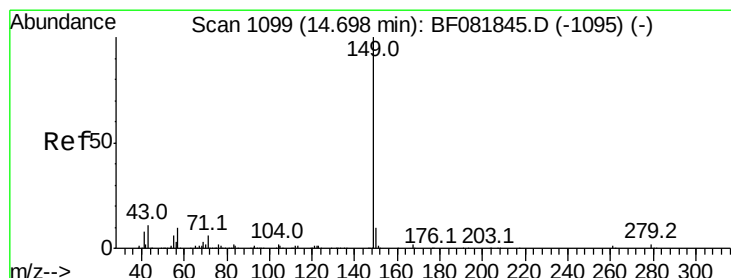
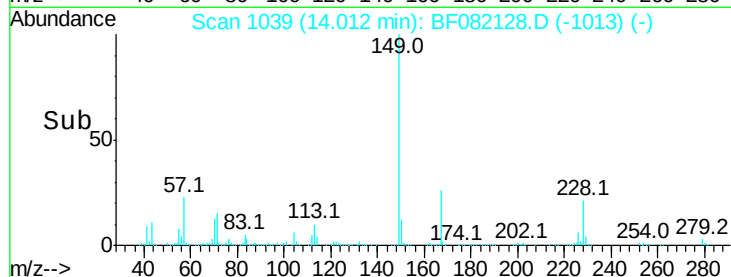
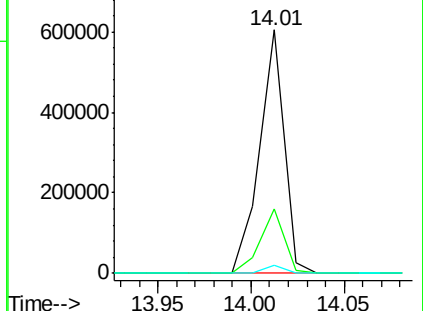
279 3.4 3.8 5.6#



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

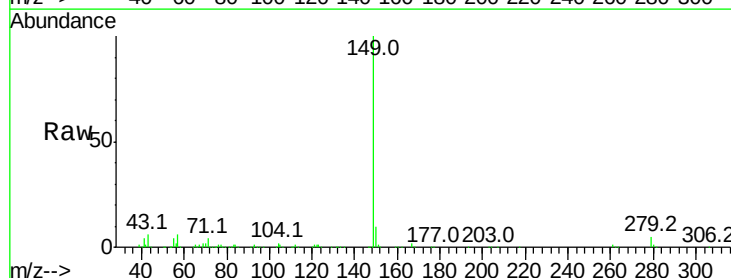
Tgt Ion:149 Resp: 895061

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

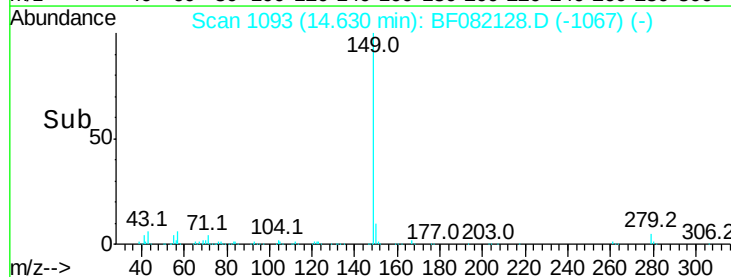
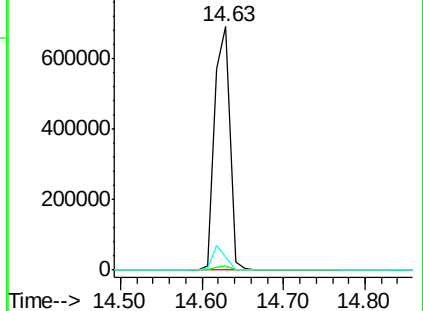
43 8.8 10.2 15.2#

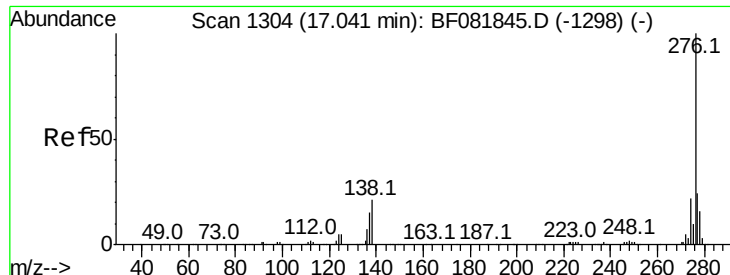


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

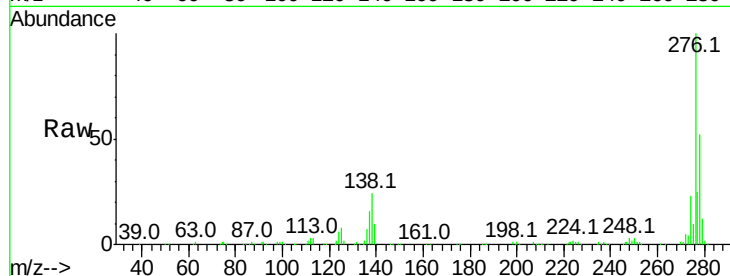




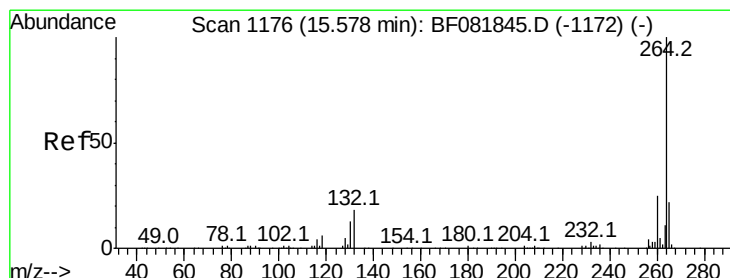
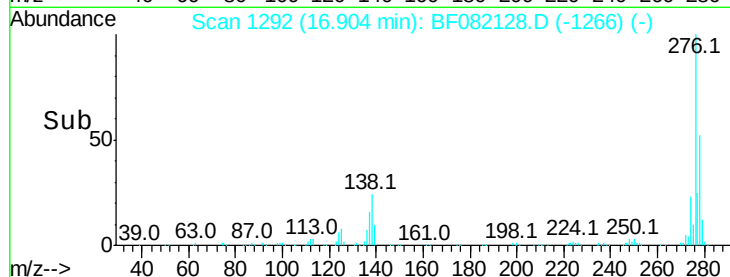
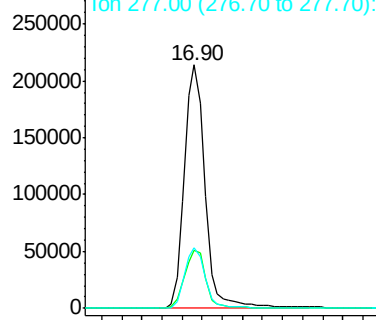
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.83 ng
 RT: 16.90 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

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#

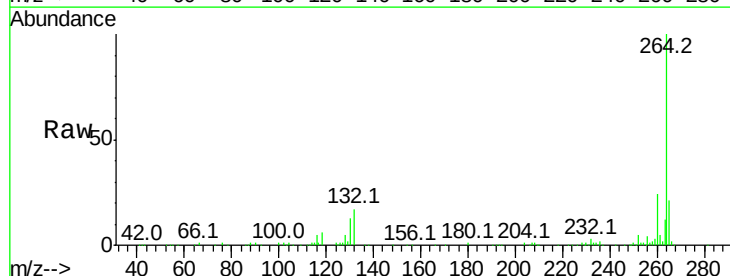


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

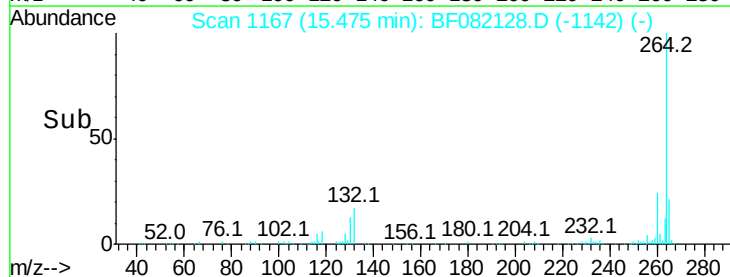
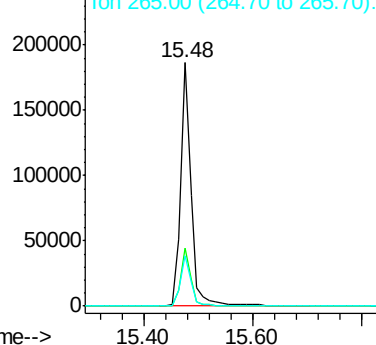


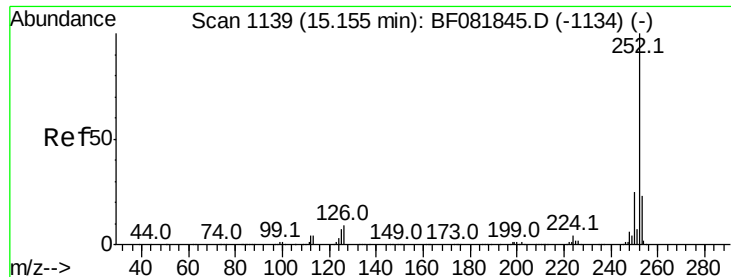
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF082128.D
 Acq: 8 Oct 2015 15:33

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

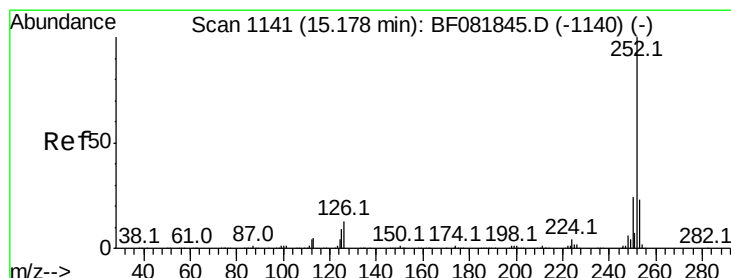
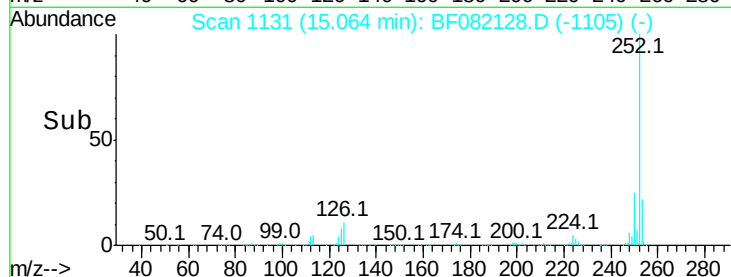
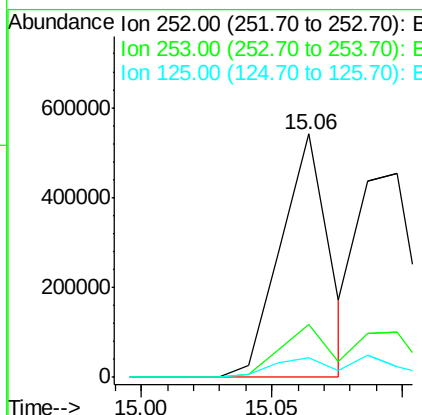
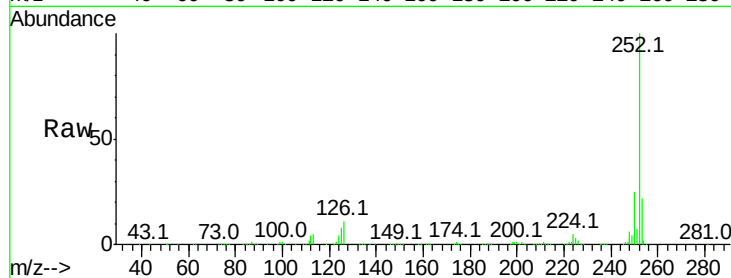




#87
Benzo(b)fluoranthene
Concen: 48.72 ng
RT: 15.06 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

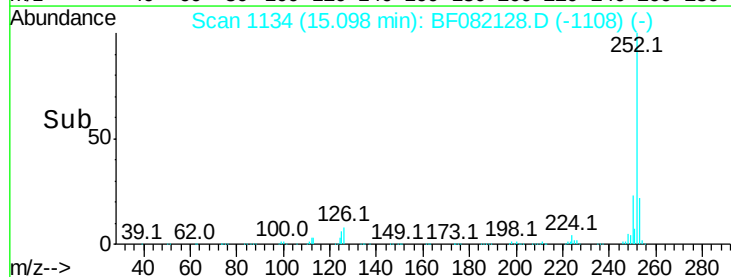
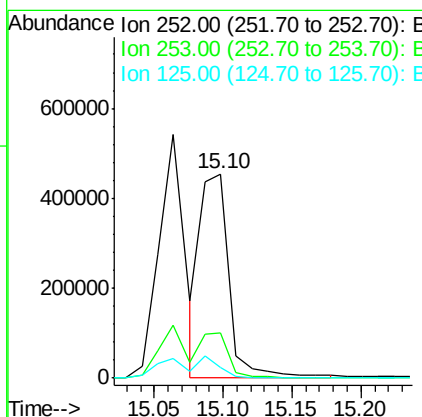
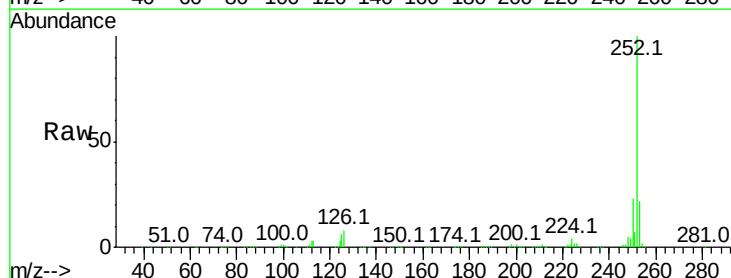
Instrument :
BNA_F
ClientSampleId :
WC100515MSD

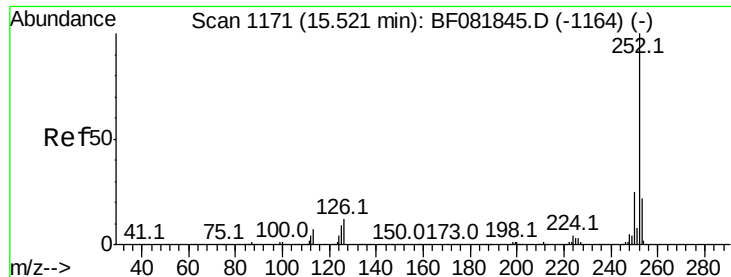
Tot Ion:252 Resp: 694759
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.2 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 52.83 ng m
RT: 15.10 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF082128.D
Acq: 8 Oct 2015 15:33

Tgt Ion:252 Resp: 690525
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 5.5 16.0 24.0#





#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

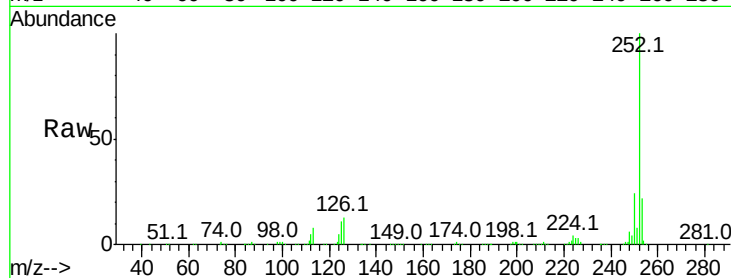
Tot Ion:252 Resp: 629295

Ion Ratio Lower Upper

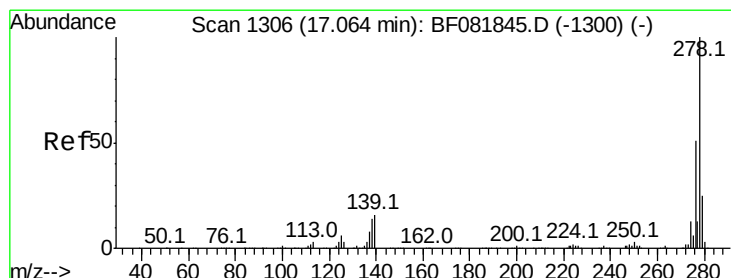
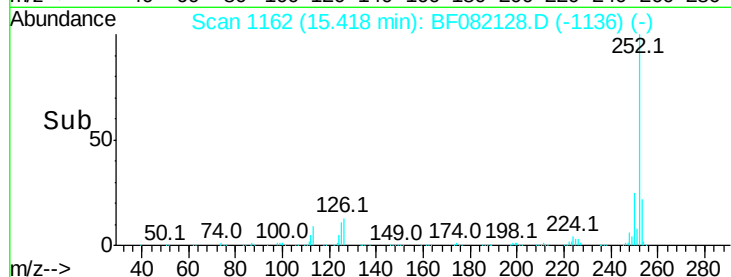
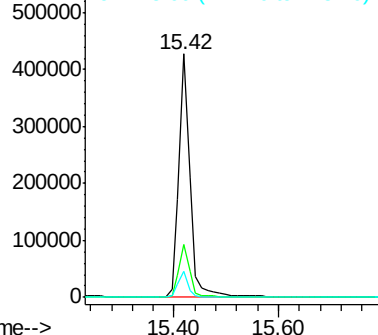
252 100

253 21.9 17.2 25.8

125 10.8 18.0 27.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 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

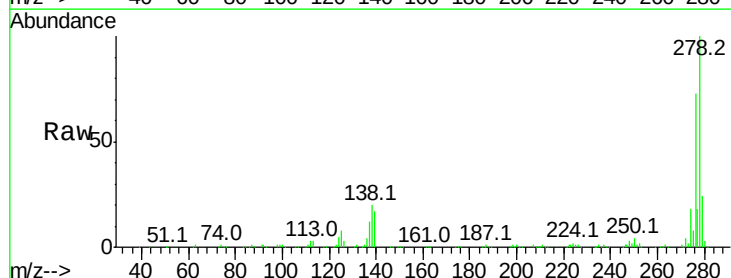
Tgt Ion:278 Resp: 518665

Ion Ratio Lower Upper

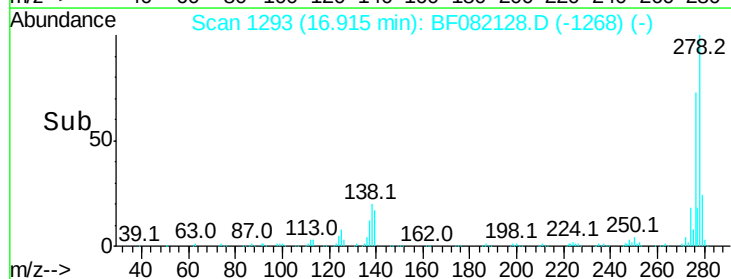
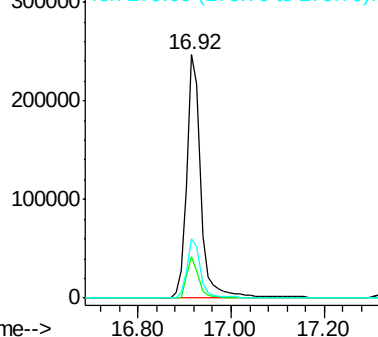
278 100

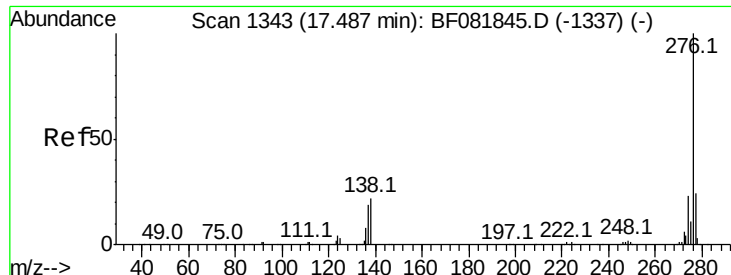
139 17.1 26.3 39.5#

279 24.5 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(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#

