

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081112.D
 Acq On : 20 Aug 2015 7:15
 Operator : UM/IZ
 Sample : G3318-02MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 08:05:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	64944	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	266449	20.00	ng	-0.03
38) Acenaphthene-d10	9.62	164	120879	20.00	ng	-0.03
63) Phenanthrene-d10	11.09	188	234392	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	176354	20.00	ng	-0.04
86) Perylene-d12	15.04	264	165649	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	530536	122.87	ng	0.00
7) Phenol-d6	6.24	99	686243	121.81	ng	-0.02
23) Nitrobenzene-d5	7.17	82	542978	93.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	159828	152.53	ng	-0.03
44) 2-Fluorobiphenyl	8.96	172	880820	95.48	ng	-0.03
78) Terphenyl-d14	12.68	244	768071	93.37	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.16	88	74252	36.49	ng	# 89
3) Pyridine	2.76	79	210549	36.66	ng	# 87
4) n-Nitrosodimethylamine	2.70	42	127959	40.02	ng	# 78
6) Aniline	6.25	93	171015	20.88	ng	# 1
8) 2-Chlorophenol	6.38	128	209102	44.24	ng	# 85
9) Benzaldehyde	6.13	77	62275	17.15	ng	# 97
10) Phenol	6.25	94	226309	34.01	ng	# 97
11) bis(2-Chloroethyl)ether	6.33	93	228303	44.72	ng	# 88
12) 1,3-Dichlorobenzene	6.53	146	206367	40.64	ng	# 94
13) 1,4-Dichlorobenzene	6.61	146	214781	42.71	ng	# 96
14) 1,2-Dichlorobenzene	6.76	146	176706	37.55	ng	# 98
15) Benzyl Alcohol	6.74	79	191991	42.12	ng	# 95
16) 2,2'-oxybis(1-Chloropropan	6.88	45	412737	41.14	ng	# 95
17) 2-Methylphenol	6.87	107	186147	45.90	ng	# 95
18) Hexachloroethane	7.10	117	80120	39.43	ng	# 98
19) n-Nitroso-di-n-propylamine	7.02	70	186405	47.77	ng	# 91
20) 3+4-Methylphenols	7.02	107	211184	41.03	ng	# 75
22) Acetophenone	7.01	105	320218	45.78	ng	# 87
24) Nitrobenzene	7.18	77	237033	38.87	ng	# 97
25) Isophorone	7.43	82	471409	43.34	ng	# 94
26) 2-Nitrophenol	7.50	139	119585	47.15	ng	# 72
27) 2,4-Dimethylphenol	7.54	122	191346	42.65	ng	# 98
28) bis(2-Chloroethoxy)methane	7.65	93	297012	46.22	ng	# 99
29) 2,4-Dichlorophenol	7.74	162	166235	44.01	ng	# 87
30) 1,2,4-Trichlorobenzene	7.82	180	173330	41.28	ng	# 98
31) Naphthalene	7.90	128	660845	44.49	ng	# 99
32) Benzoic acid	7.66	122	42404	16.80	ng	# 96
33) 4-Chloroaniline	7.96	127	101957	16.27	ng	# 85
34) Hexachlorobutadiene	8.02	225	102400	43.13	ng	# 98
35) Caprolactam	8.33	113	32846	24.88	ng	# 84
36) 4-Chloro-3-methylphenol	8.45	107	208714	46.36	ng	# 99
37) 2-Methylnaphthalene	8.58	142	390930	41.67	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	175018	44.88	ng	# 97
40) Hexachlorocyclopentadiene	8.74	237	178402	88.38	ng	# 98

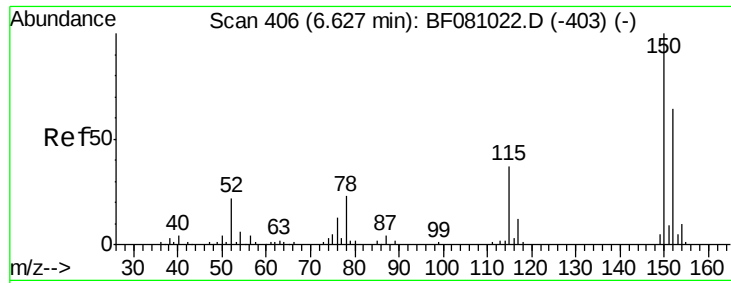
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	123391	44.78	nq	99
43) 2,4,5-Trichlorophenol	8.92	196	123398	44.81	nq	95
45) 1,1'-Biphenyl	9.05	154	478961	44.98	nq	96
46) 2-Chloronaphthalene	9.08	162	389657	45.55	nq	95
47) 2-Nitroaniline	9.18	65	179524	51.29	nq	# 80
48) Acenaphthylene	9.49	152	669233	43.74	nq	99
49) Dimethylphthalate	9.37	163	477627	47.98	nq	99
50) 2,6-Dinitrotoluene	9.42	165	88858	41.57	nq	# 66
51) Acenaphthene	9.66	154	395821	43.21	nq	99
52) 3-Nitroaniline	9.59	138	75687	28.30	nq	# 63
53) 2,4-Dinitrophenol	9.69	184	57023	52.30	nq	# 62
54) Dibenzofuran	9.83	168	569193	46.37	nq	97
55) 4-Nitrophenol	9.76	139	138089	73.51	nq	86
56) 2,4-Dinitrotoluene	9.82	165	117151	41.35	nq	# 58
57) Fluorene	10.16	166	401367	42.50	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.94	232	99635	46.75	nq	92
59) Diethylphthalate	10.06	149	446739	42.40	nq	99
60) 4-Chlorophenyl-phenylether	10.16	204	170811	42.75	nq	95
61) 4-Nitroaniline	10.20	138	101640	37.18	nq	91
62) Azobenzene	10.32	77	544993	44.88	nq	97
64) 4,6-Dinitro-2-methylphenol	10.23	198	47200	33.72	nq	# 53
65) n-Nitrosodiphenylamine	10.29	169	362052	43.27	nq	100
66) 4-Bromophenyl-phenylether	10.65	248	115813	50.30	nq	# 90
67) Hexachlorobenzene	10.71	284	115834	49.67	nq	94
68) Atrazine	10.82	200	133079	57.09	nq	98
69) Pentachlorophenol	10.90	266	117303	83.84	nq	98
70) Phenanthrene	11.12	178	655899	47.22	nq	100
71) Anthracene	11.17	178	574148	42.47	nq	100
72) Carbazole	11.33	167	626791	48.16	nq	99
73) Di-n-butylphthalate	11.67	149	710266	45.10	nq	98
74) Fluoranthene	12.29	202	664645	44.34	nq	91
76) Benzidine	12.43	184	129422	19.43	nq	98
77) Pyrene	12.52	202	648968	45.27	nq	99
79) Butylbenzylphthalate	13.16	149	349615	56.73	nq	# 81
80) Benzo(a)anthracene	13.69	228	611505	51.70	nq	100
81) 3,3'-Dichlorobenzidine	13.67	252	129853	33.90	nq	99
82) Chrysene	13.74	228	595550	55.88	nq	100
83) Bis(2-ethylhexyl)phthalate	13.72	149	441584	55.94	nq	# 97
84) Di-n-octyl phthalate	14.32	149	742873	61.92	nq	98
85) Indeno(1,2,3-cd)pyrene	16.27	276	467200	62.43	nq	# 94
87) Benzo(b)fluoranthene	14.72	252	1076684	91.89	nq	98
88) Benzo(k)fluoranthene	14.72	252	1076699	98.62	nq	# 96
89) Benzo(a)pyrene	15.00	252	489960	47.99	nq	# 95
90) Dibenzo(a,h)anthracene	16.28	278	389815	49.00	nq	# 95
91) Benzo(g,h,i)perylene	16.62	276	387393	48.00	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

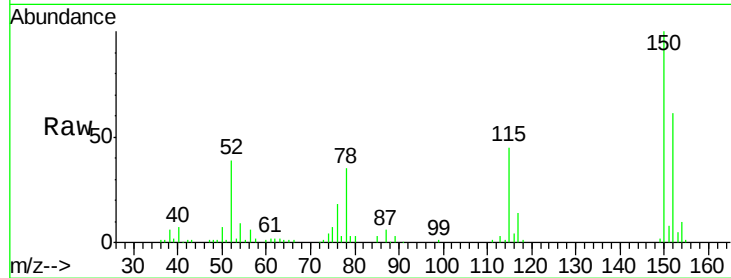
Tot Ion:152 Resp: 64944

Ion Ratio Lower Upper

152 100

150 163.1 123.8 185.6

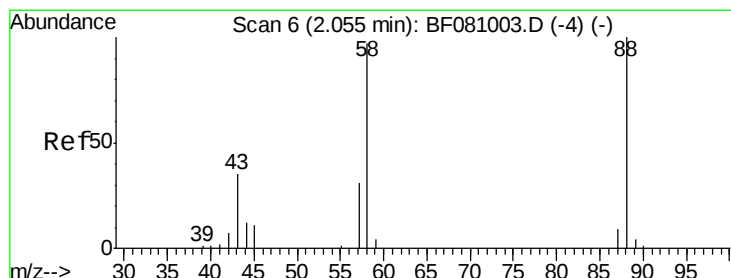
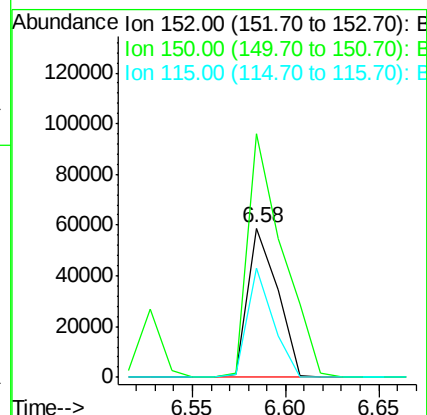
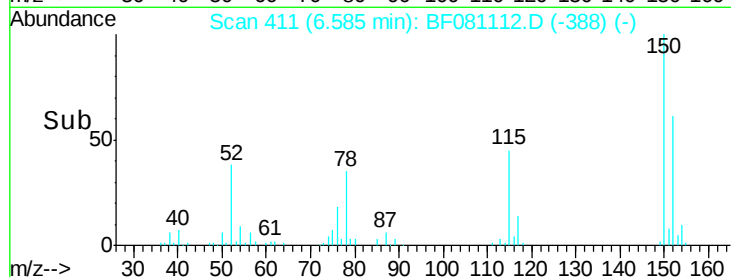
115 73.0 52.1 78.1



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: 36.49 ng

RT: 2.16 min Scan# 24

Delta R.T. 0.11 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

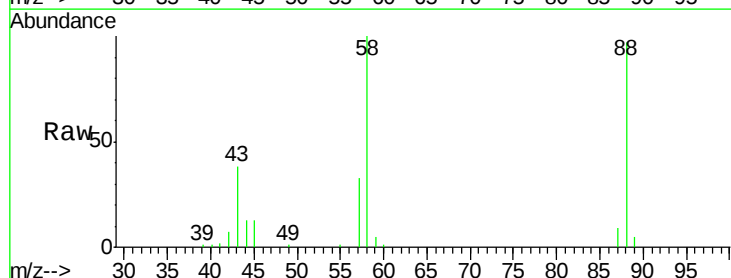
Tgt Ion: 88 Resp: 74252

Ion Ratio Lower Upper

88 100

58 97.1 83.7 125.5

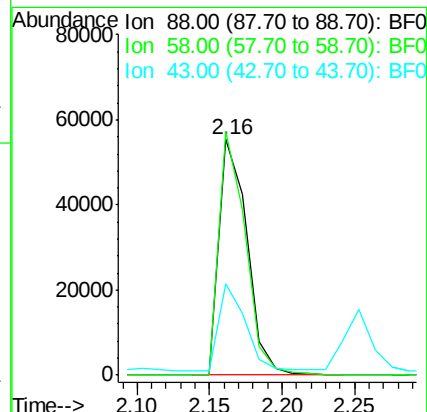
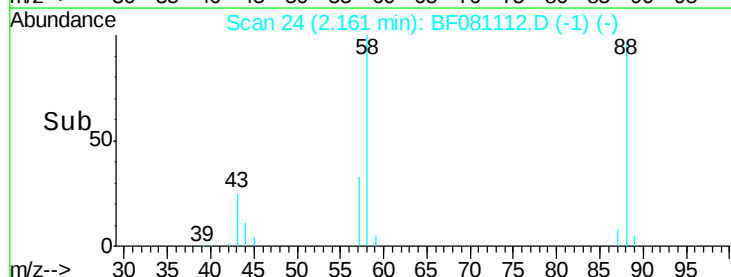
43 34.7 37.5 56.3#

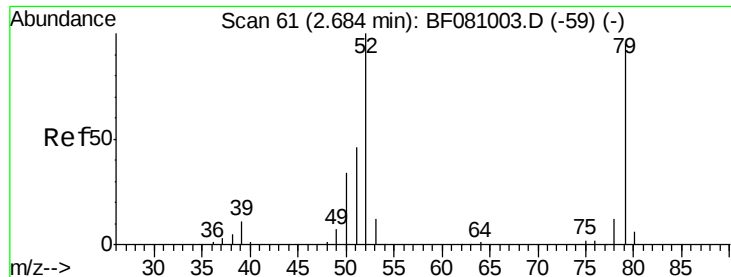


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.66 ng

RT: 2.76 min Scan# 76

Delta R.T. 0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampled :

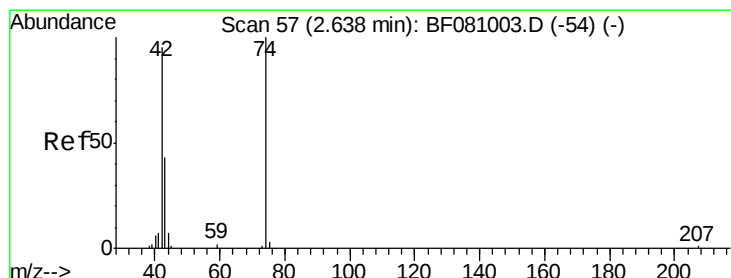
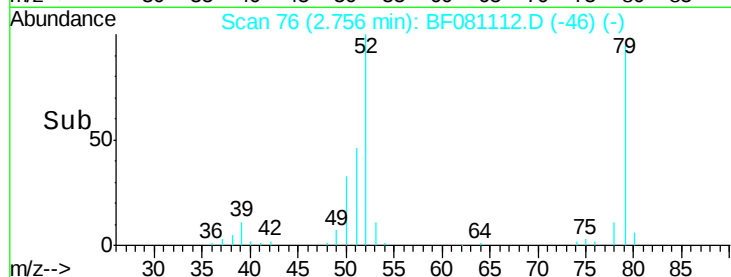
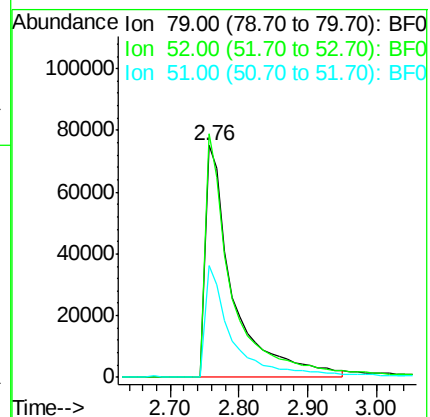
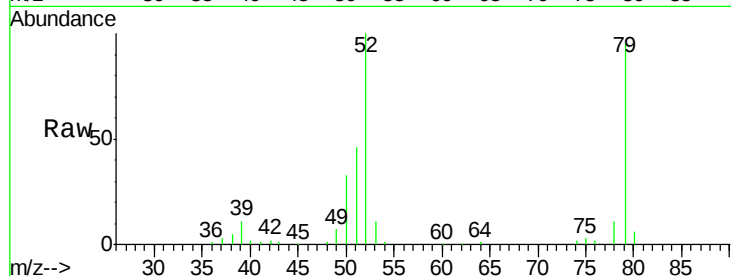
Tot Ion: 79 Resp: 210549

Ion Ratio Lower Upper

79 100

52 105.0 95.1 142.7

51 47.9 46.6 70.0



#4

n-Nitrosodimethylamine

Concen: 40.02 ng

RT: 2.70 min Scan# 71

Delta R.T. 0.07 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

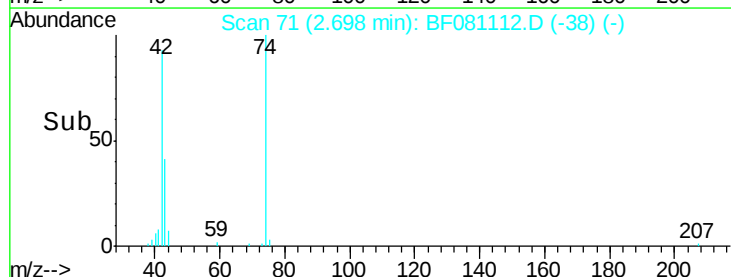
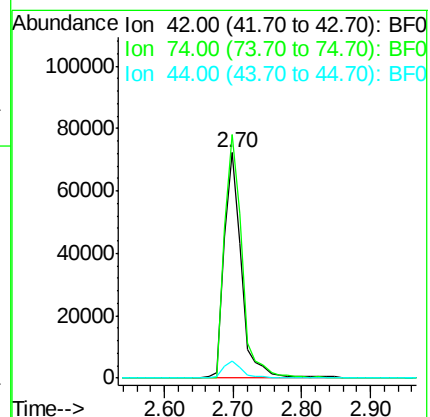
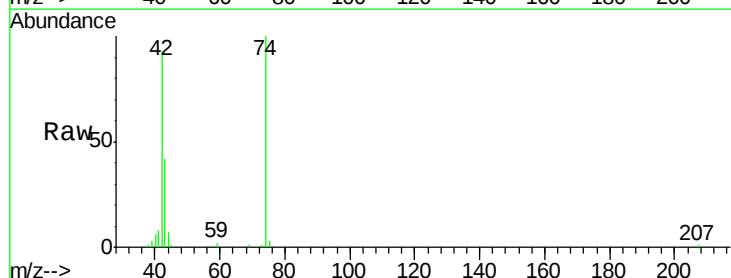
Tgt Ion: 42 Resp: 127959

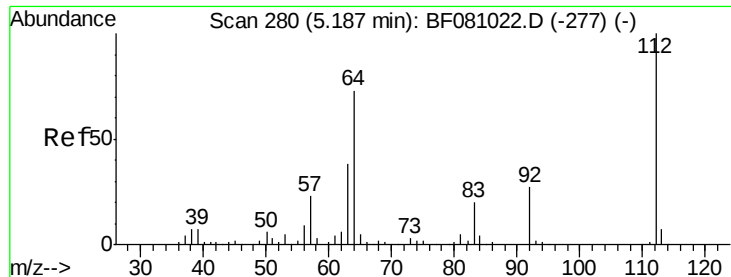
Ion Ratio Lower Upper

42 100

74 108.0 69.3 103.9#

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 122.87 ng

RT: 5.18 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

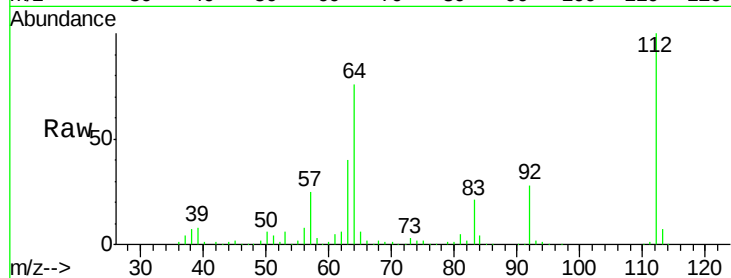
Tot Ion:112 Resp: 530536

Ion Ratio Lower Upper

112 100

64 76.1 66.9 100.3

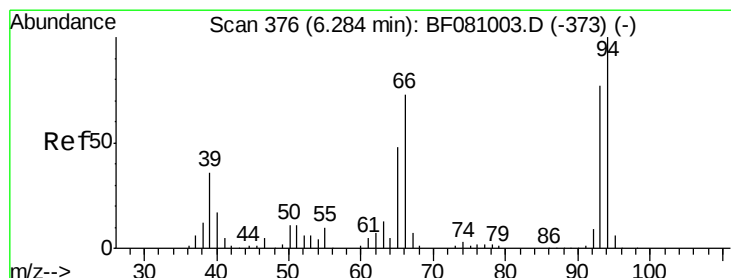
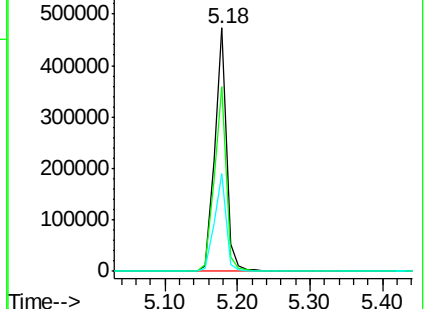
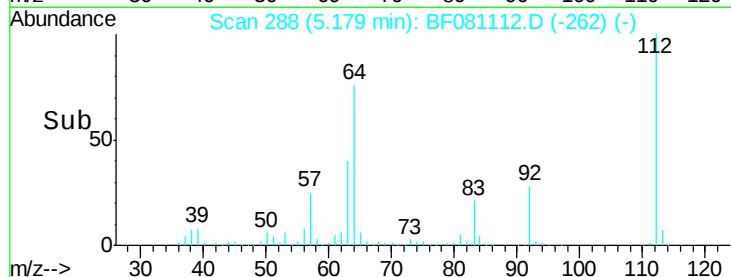
63 40.1 38.1 57.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.88 ng

RT: 6.25 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

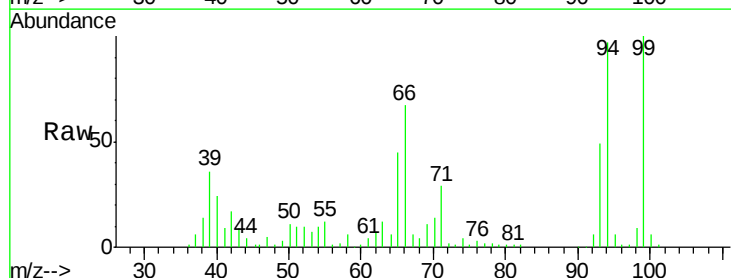
Tgt Ion: 93 Resp: 171015

Ion Ratio Lower Upper

93 100

66 136.2 35.6 53.4#

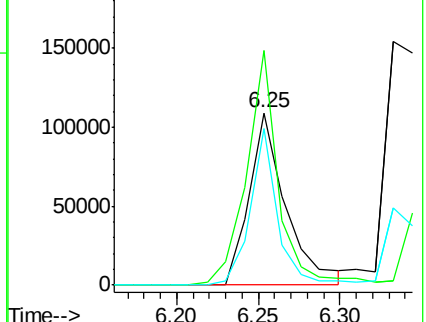
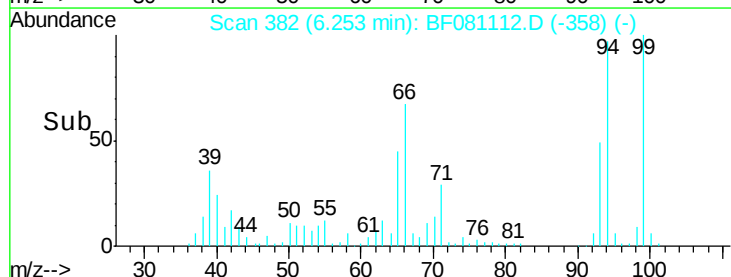
65 90.9 18.7 28.1#

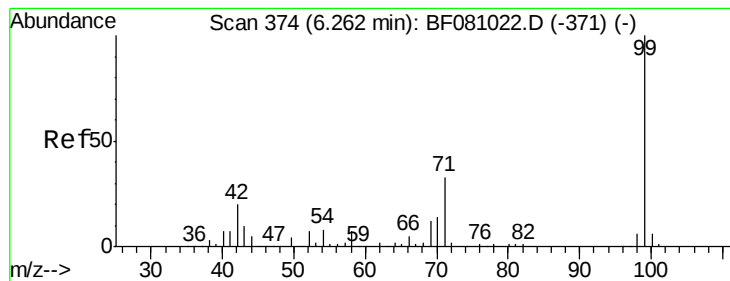


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.81 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

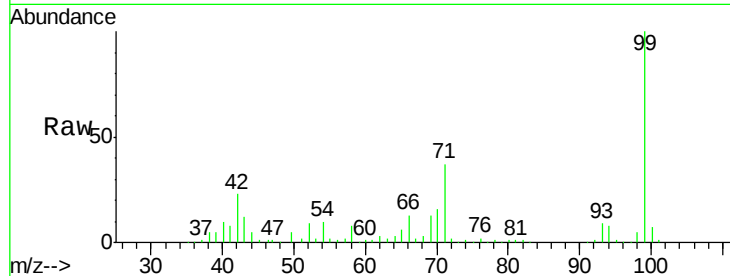
Tot Ion: 99 Resp: 686243

Ion Ratio Lower Upper

99 100

42 23.0 19.6 29.4

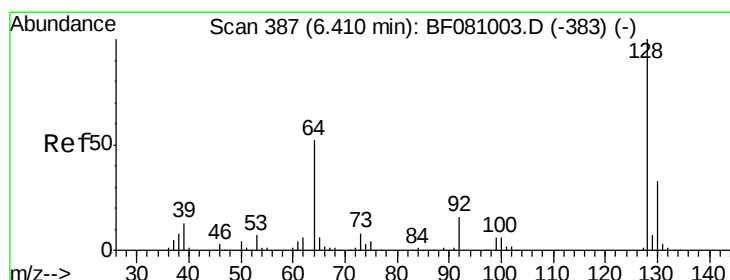
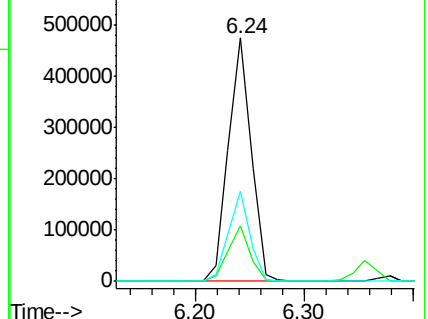
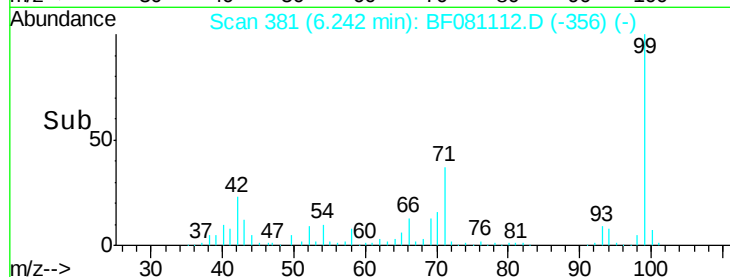
71 36.7 31.2 46.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.24 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

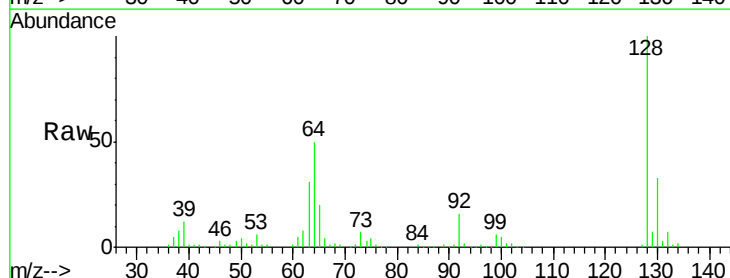
Tgt Ion:128 Resp: 209102

Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

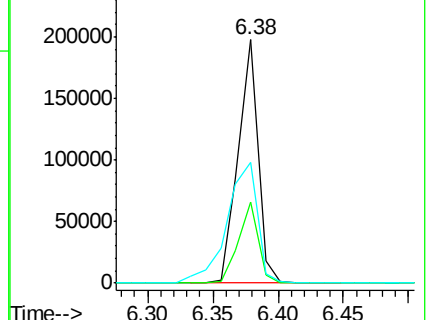
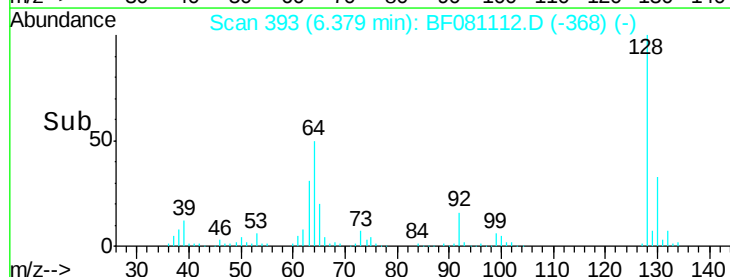
64 49.8 46.8 86.8

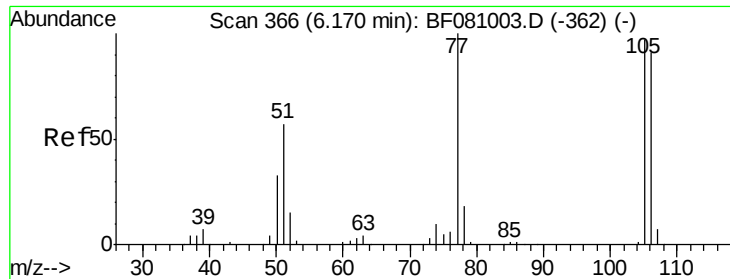


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.15 ng

RT: 6.13 min Scan# 371

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

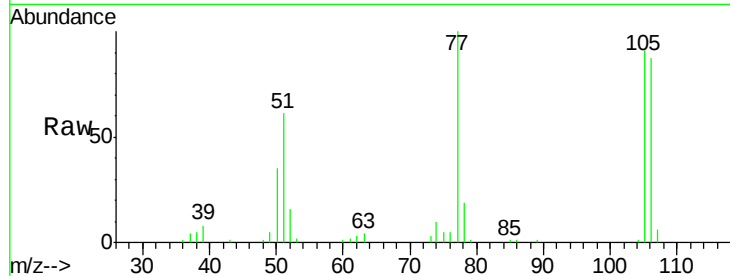
Tot Ion: 77 Resp: 62275

Ion Ratio Lower Upper

77 100

105 91.3 69.6 109.6

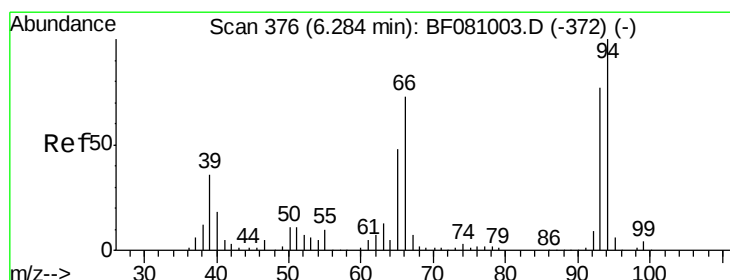
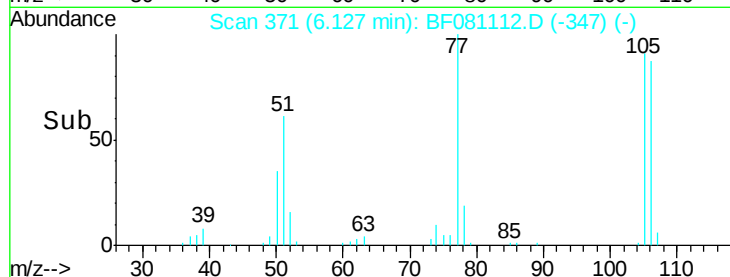
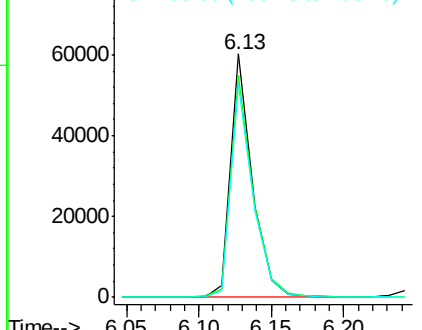
106 87.3 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.01 ng

RT: 6.25 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

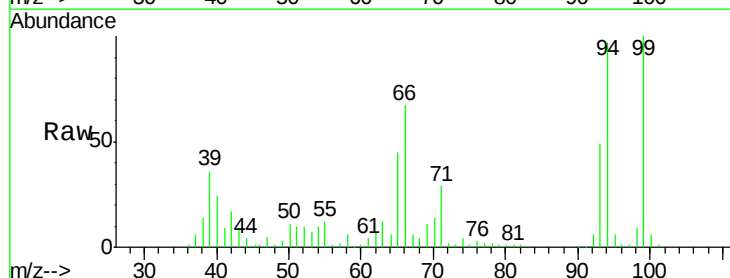
Tgt Ion: 94 Resp: 226309

Ion Ratio Lower Upper

94 100

65 46.4 28.4 68.4

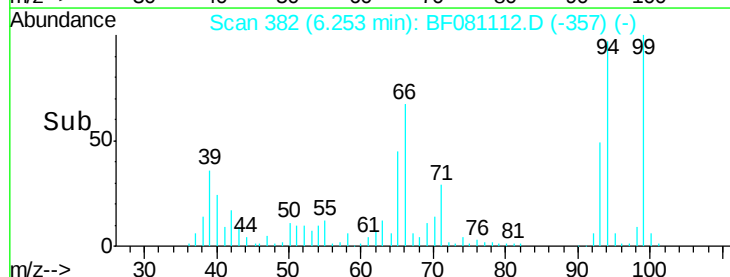
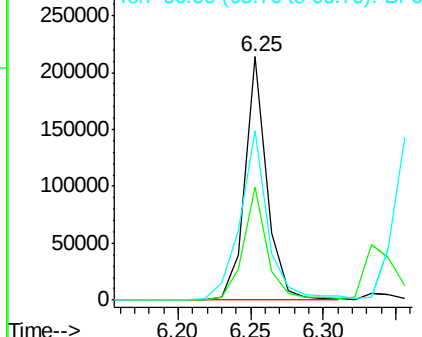
66 69.5 52.3 92.3

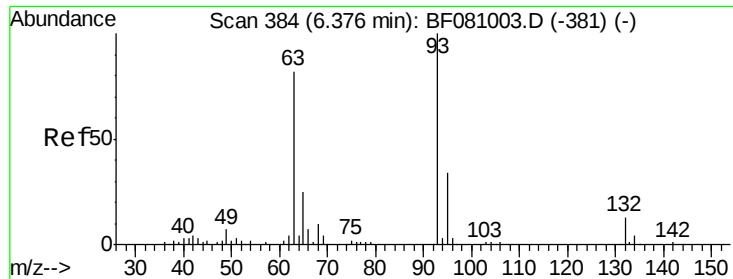


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.72 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

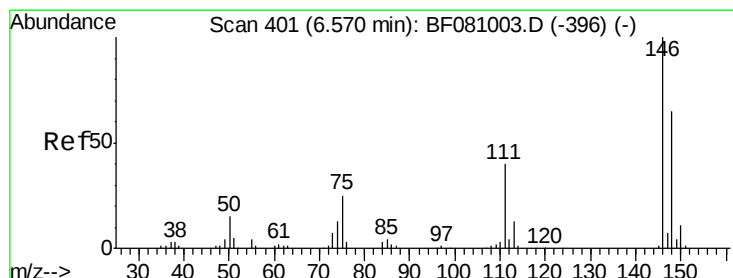
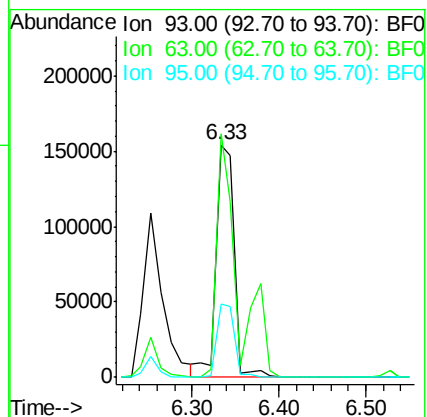
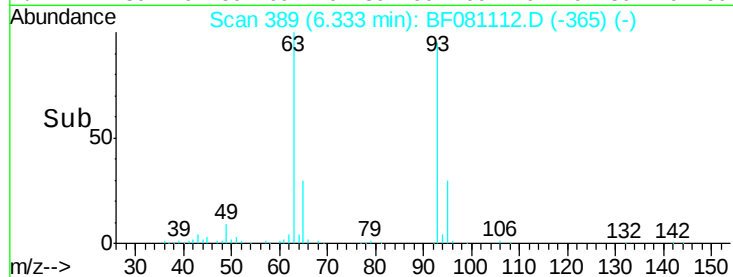
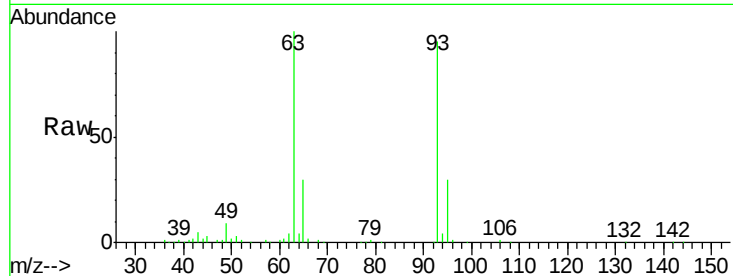
Tot Ion: 93 Resp: 228303

Ion Ratio Lower Upper

93 100

63 104.7 69.6 109.6

95 31.8 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 40.64 ng

RT: 6.53 min Scan# 406

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

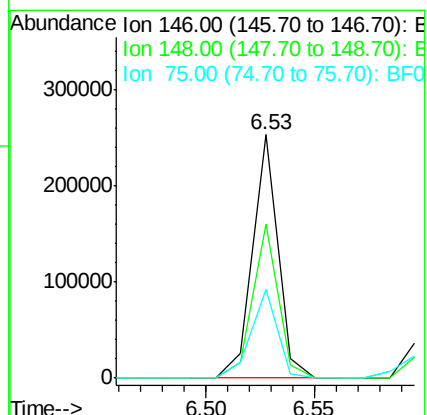
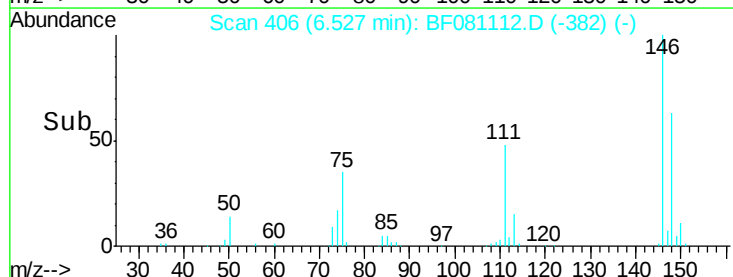
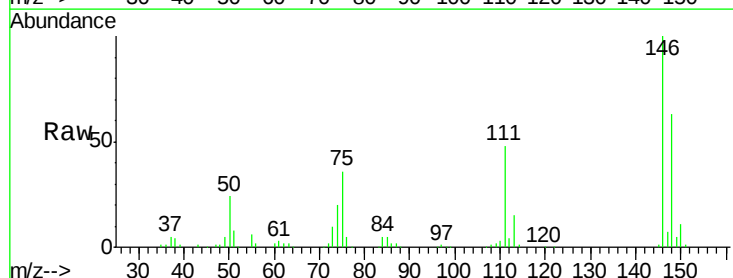
Tgt Ion: 146 Resp: 206367

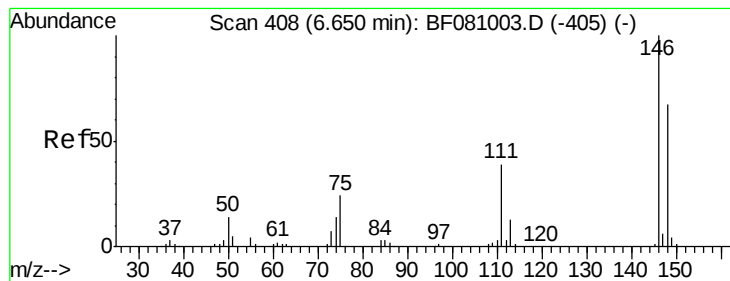
Ion Ratio Lower Upper

146 100

148 63.5 53.3 79.9

75 36.4 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 42.71 ng

RT: 6.61 min Scan# 413

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

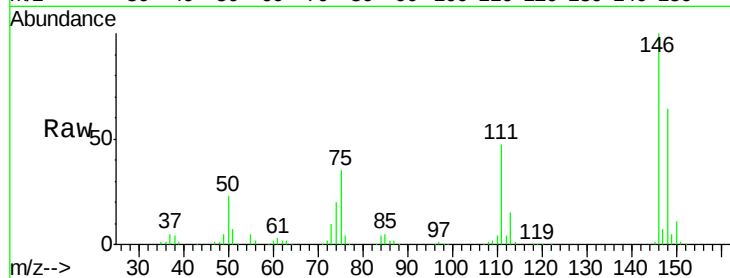
Tot Ion:146 Resp: 214781

Ion Ratio Lower Upper

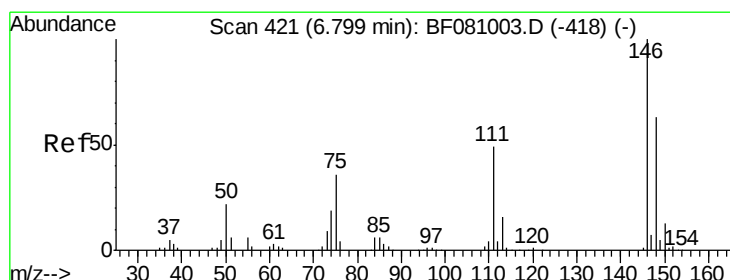
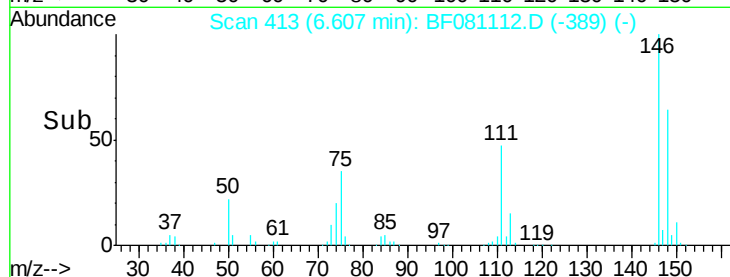
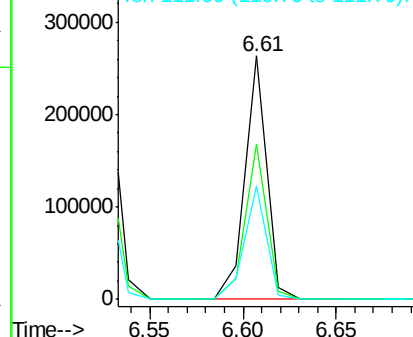
146 100

148 63.7 52.3 78.5

111 46.7 34.4 51.6



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: 37.55 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

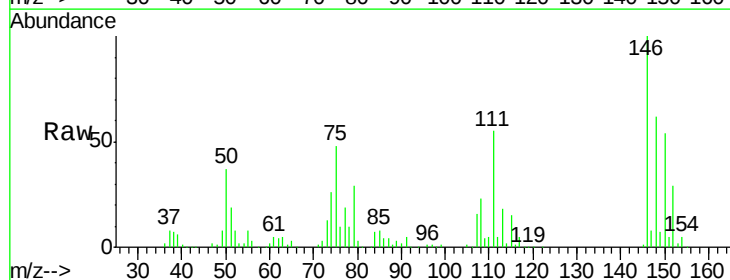
Tgt Ion:146 Resp: 176706

Ion Ratio Lower Upper

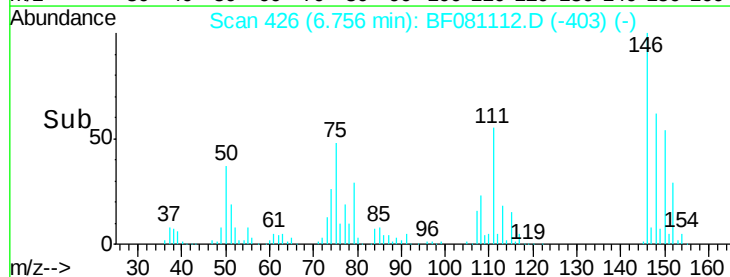
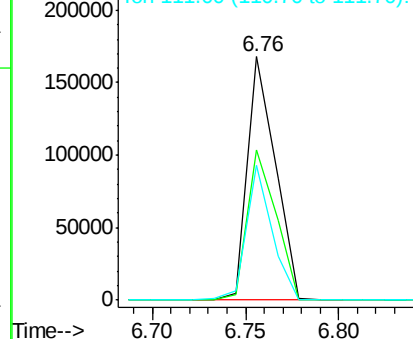
146 100

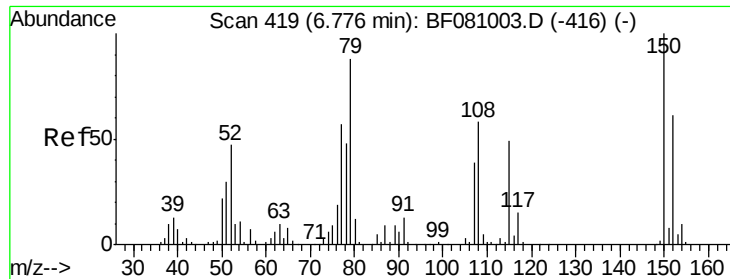
148 61.8 48.7 73.1

111 55.4 42.3 63.5



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

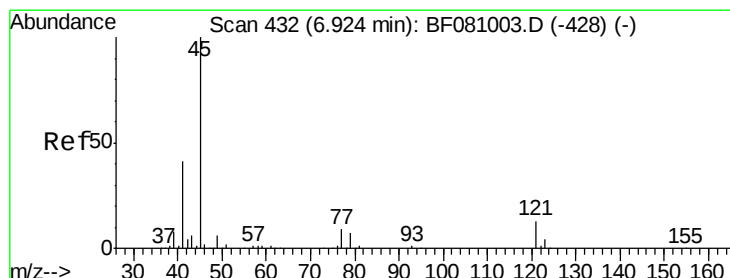
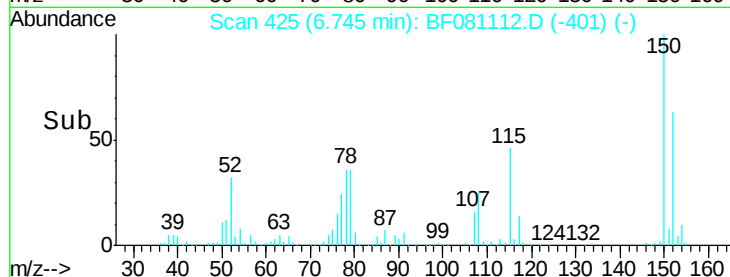
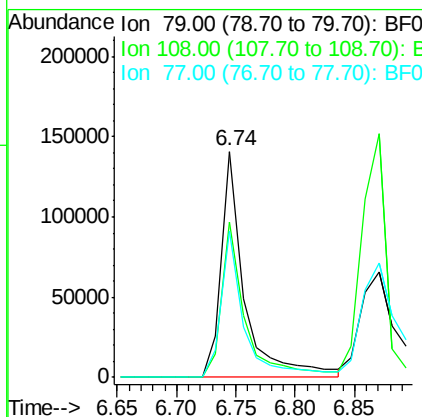
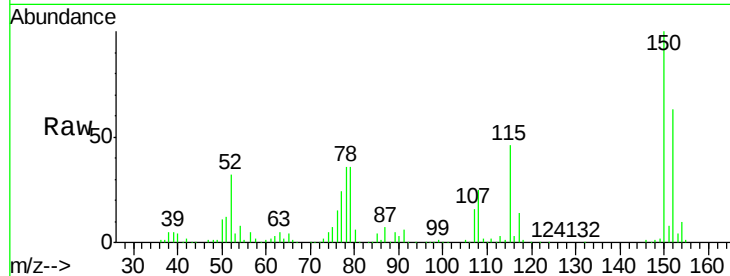




#15
Benzyl Alcohol
Concen: 42.12 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

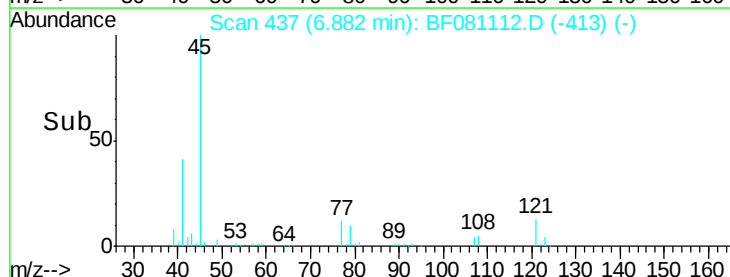
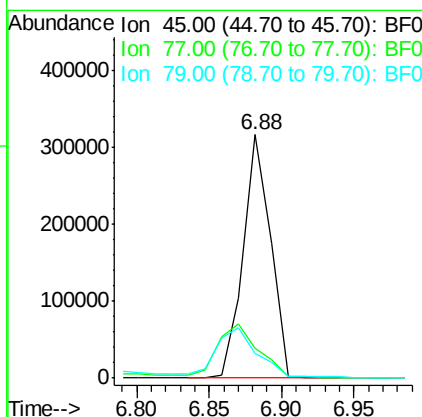
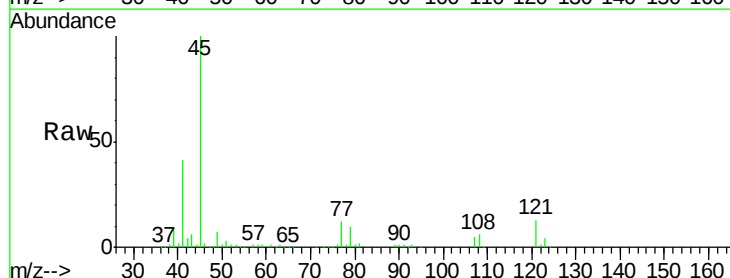
Instrument :
BNA_F
ClientSampleId :

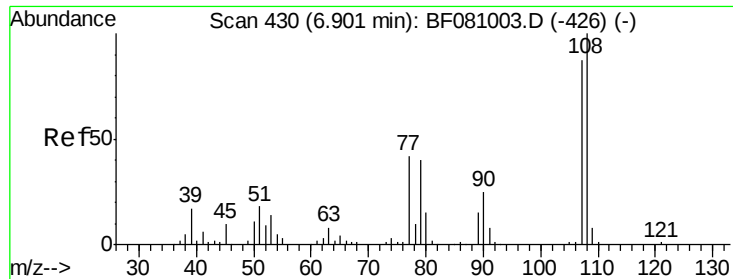
Tot Ion: 79 Resp: 191991
Ion Ratio Lower Upper
79 100
108 68.5 49.4 74.2
77 64.6 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.14 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.03 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Tgt Ion: 45 Resp: 412737
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.2
79 10.1 0.0 28.0

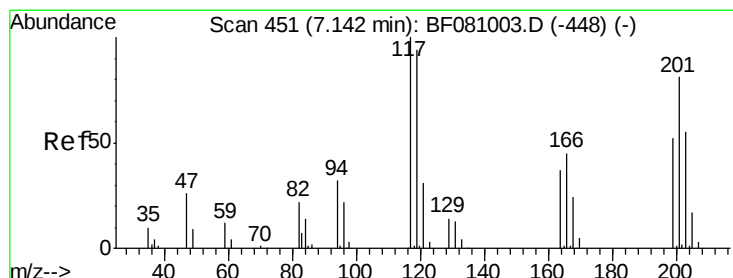
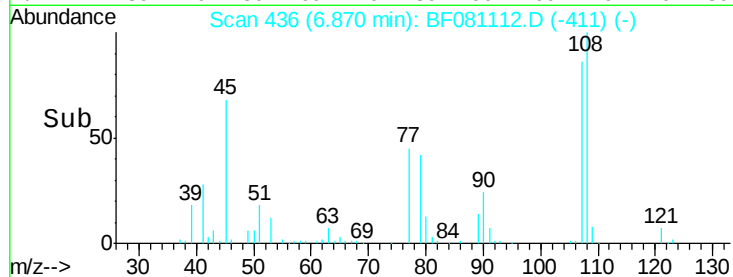
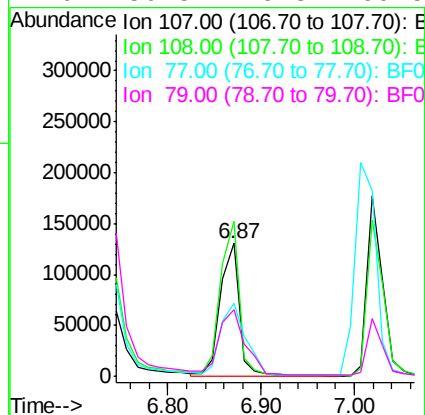
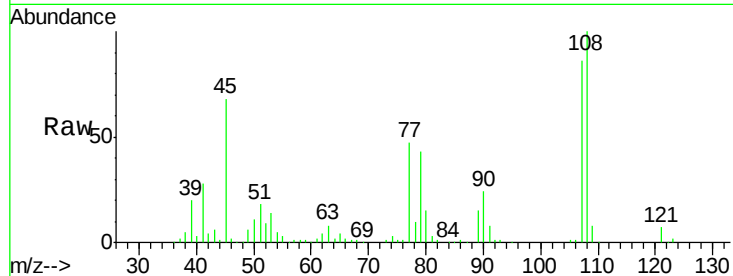




#17
2-Methylphenol
Concen: 45.90 ng
RT: 6.87 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

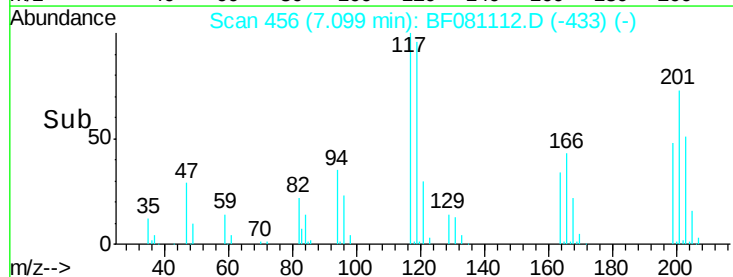
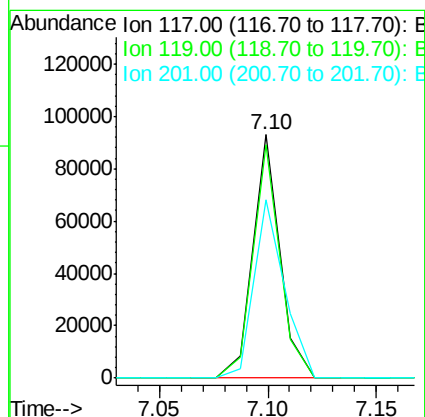
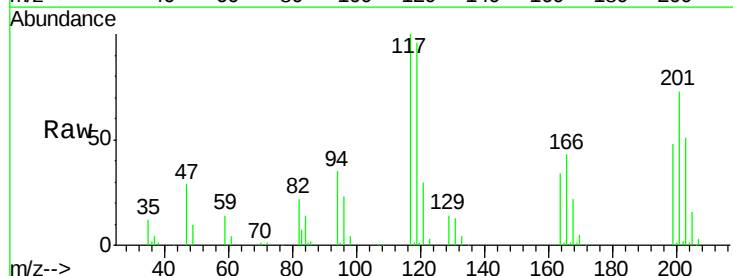
Instrument :
BNA_F
ClientSampled :

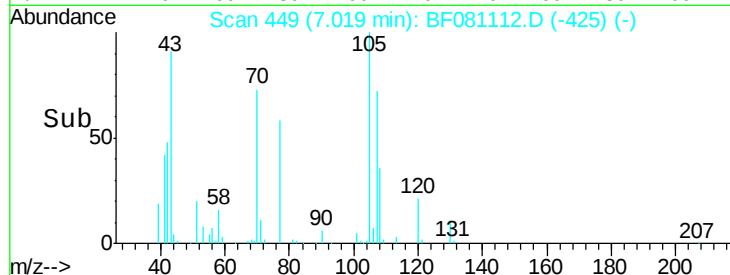
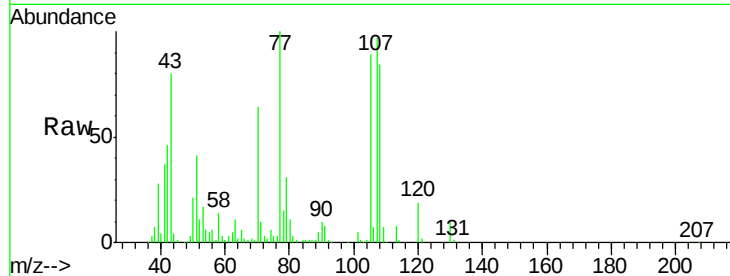
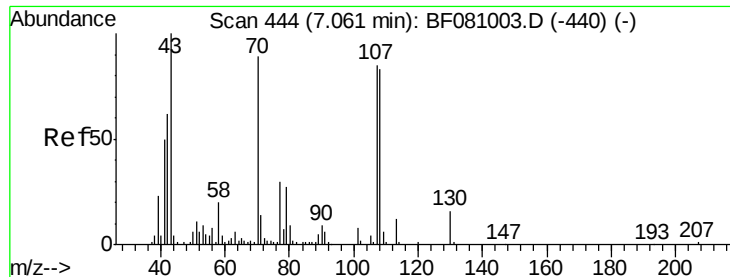
Tot Ion:	107	Resp:	186147
Ion	Ratio	Lower	Upper
107	100		
108	116.5	90.4	135.6
77	54.6	46.5	69.7
79	50.5	46.3	69.5



#18
Hexachloroethane
Concen: 39.43 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Tgt Ion:	117	Resp:	80120
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.9	116.9
201	73.5	61.3	91.9

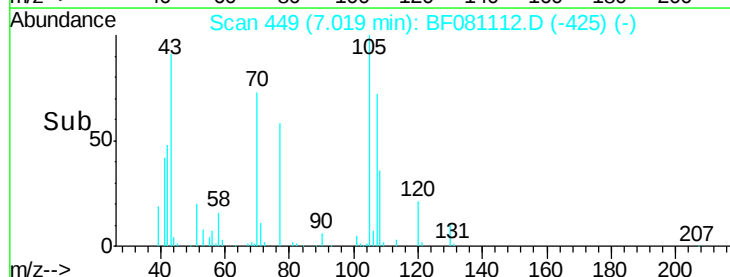
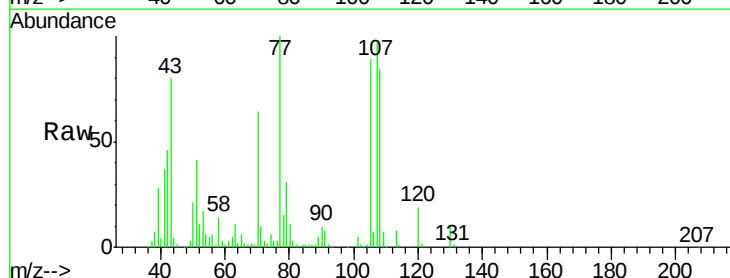
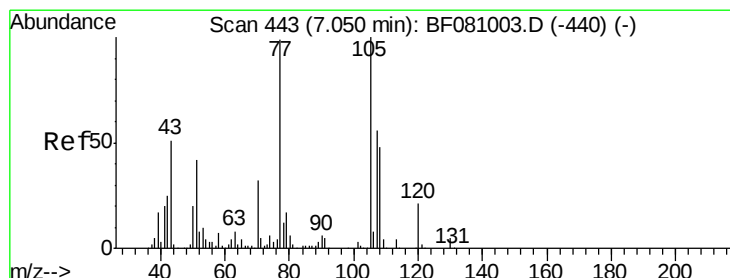
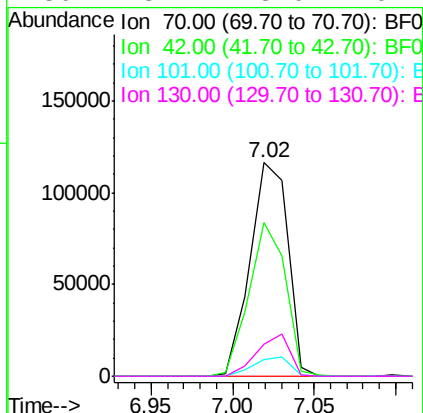




#19
n-Nitroso-di-n-propylamine
Concen: 47.77 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

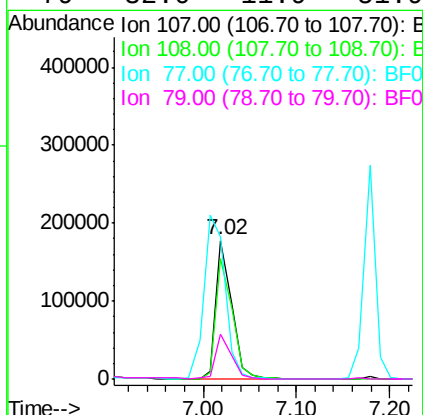
Instrument :
BNA_F
ClientSampleId :

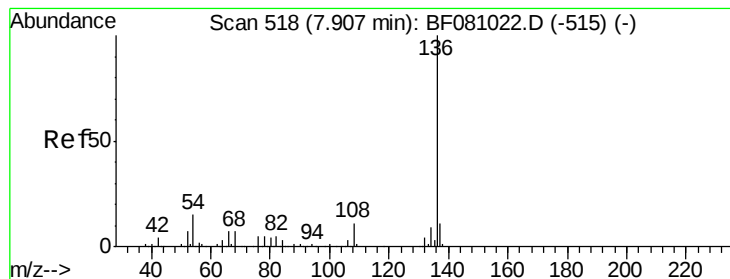
Tot Ion:	70	Resp:	186405
Ion	Ratio	Lower	Upper
70	100		
42	71.8	65.0	97.4
101	7.8	7.4	11.2
130	15.2	13.0	19.4



#20
3+4-Methylphenols
Concen: 41.03 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Tgt Ion:	107	Resp:	211184
Ion	Ratio	Lower	Upper
107	100		
108	86.7	66.1	106.1
77	103.0	139.3	179.3#
79	32.0	11.9	51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 266449

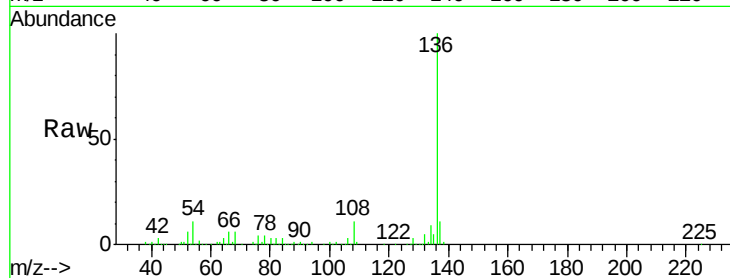
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.2

54 10.9 7.7 11.5

68 5.8 3.4 5.2#

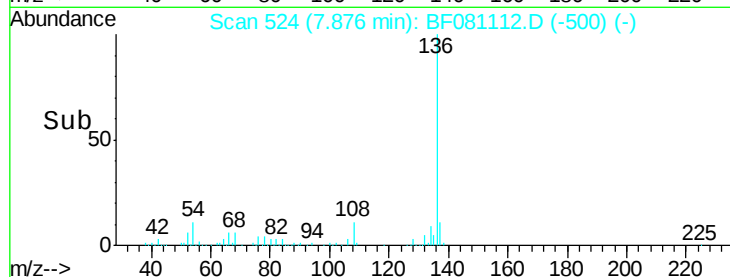


Abundance Ion 136.00 (135.70 to 136.70): E

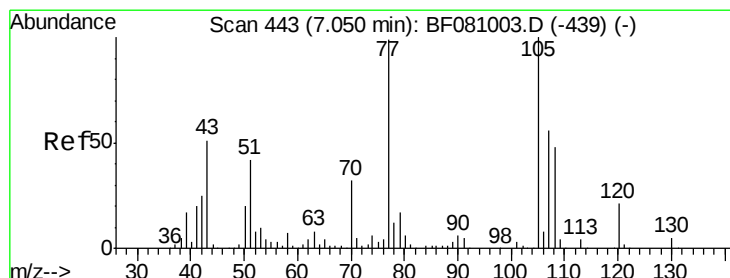
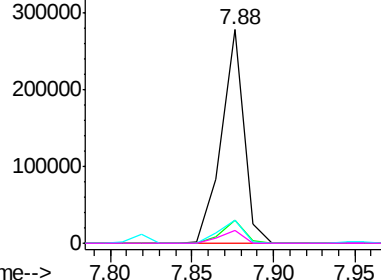
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 45.78 ng

RT: 7.01 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Tgt Ion:105 Resp: 320218

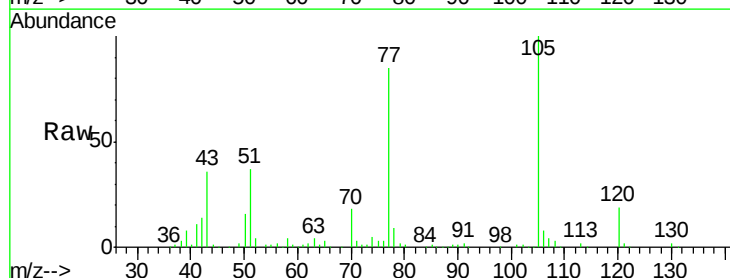
Ion Ratio Lower Upper

105 100

71 2.9 3.0 4.6#

51 37.5 39.8 59.8#

120 19.3 15.8 23.8

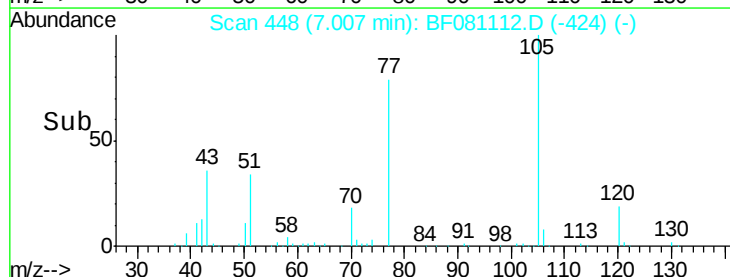


Abundance Ion 105.00 (104.70 to 105.70): E

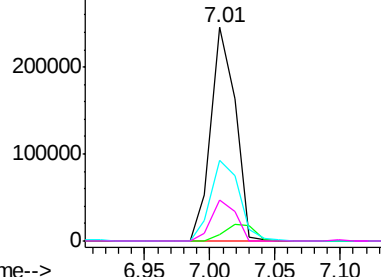
Ion 71.00 (70.70 to 71.70): BF0

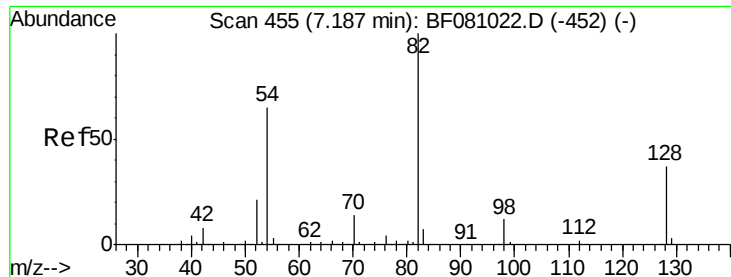
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

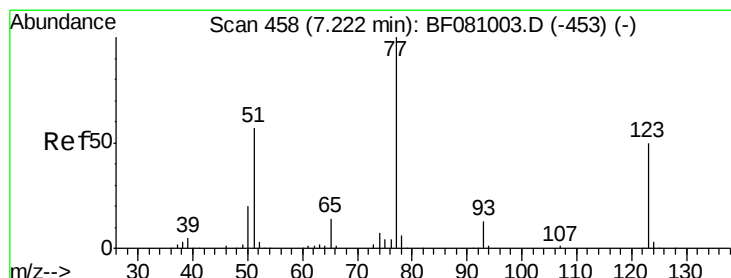
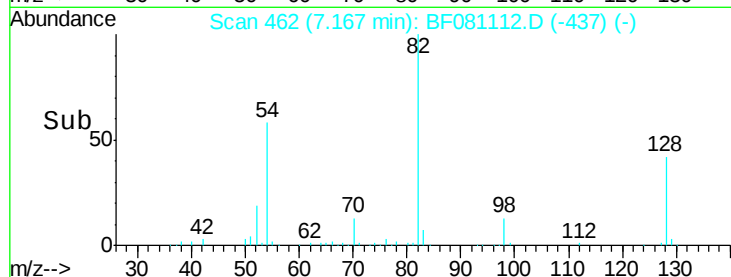
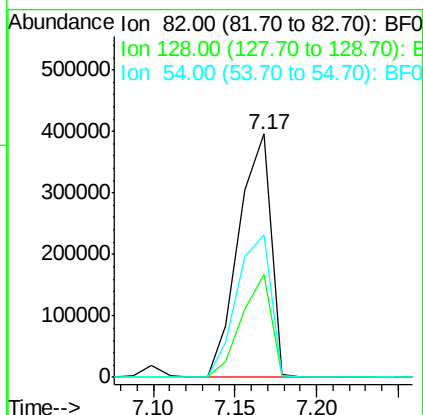
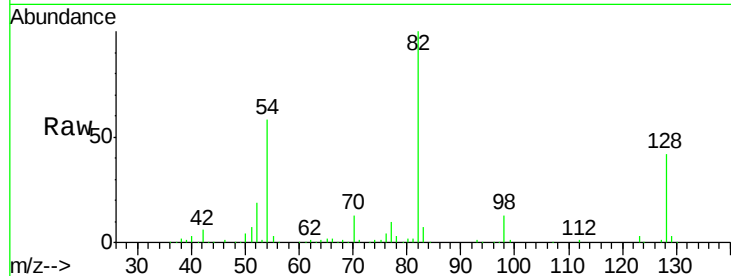




#23
 Nitrobenzene-d5
 Concen: 93.09 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

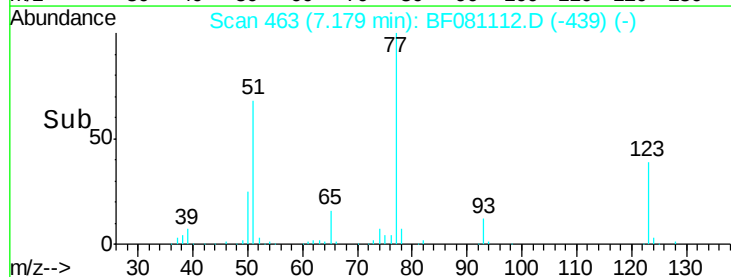
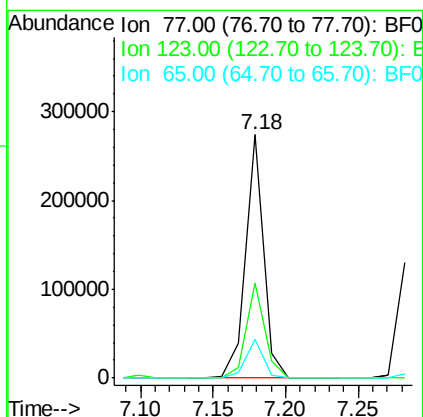
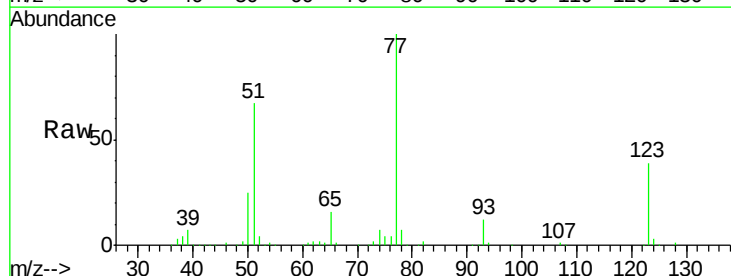
Instrument :
 BNA_F
 ClientSampleId :

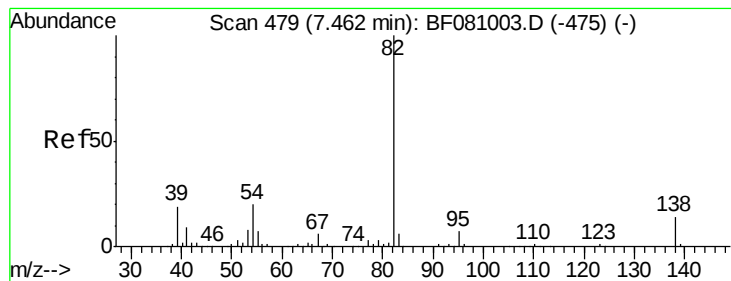
Tot Ion	82	Resp	542978
Ion	Ratio	Lower	Upper
82	100		
128	42.4	28.6	42.8
54	58.4	55.1	82.7



#24
 Nitrobenzene
 Concen: 38.87 ng
 RT: 7.18 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

Tgt Ion	77	Resp	237033
Ion	Ratio	Lower	Upper
77	100		
123	38.8	32.9	49.3
65	15.7	12.5	18.7





#25

Isophorone

Concen: 43.34 ng

RT: 7.43 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

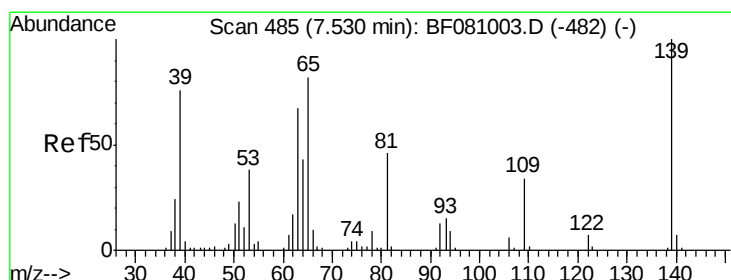
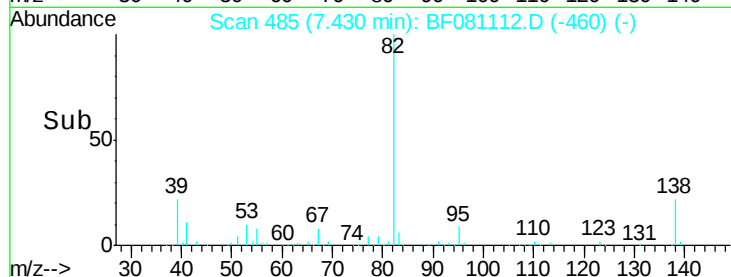
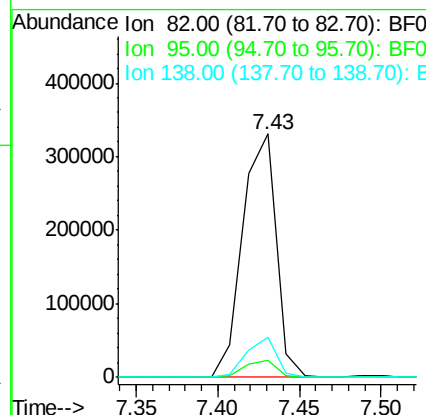
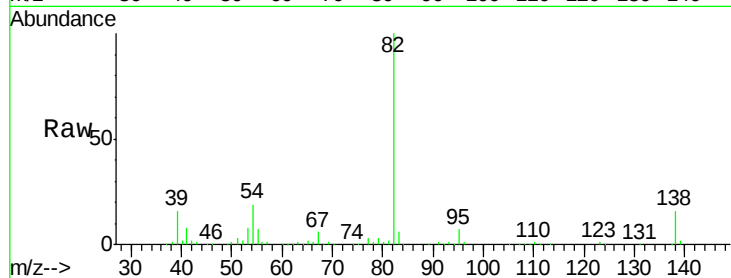
Tot Ion: 82 Resp: 471409

Ion Ratio Lower Upper

82 100

95 6.9 6.2 9.2

138 16.4 10.5 15.7#



#26

2-Nitrophenol

Concen: 47.15 ng

RT: 7.50 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

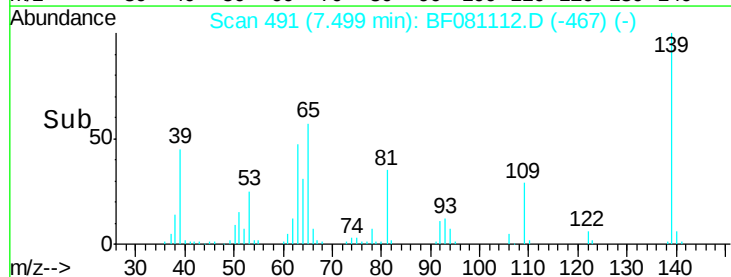
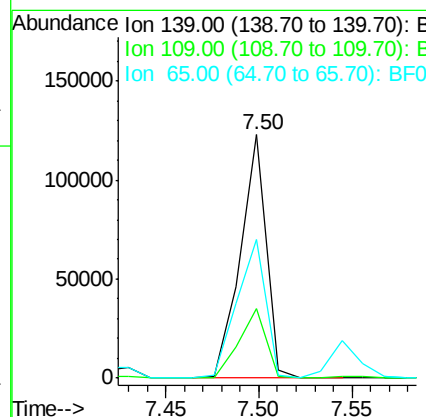
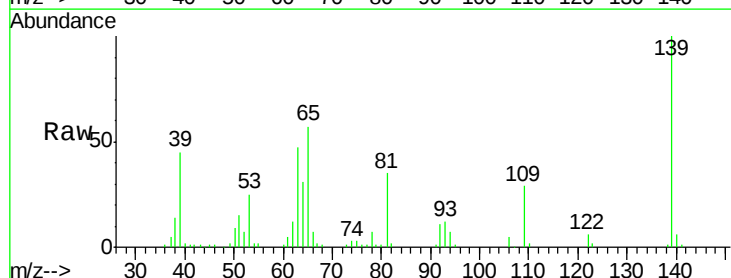
Tgt Ion: 139 Resp: 119585

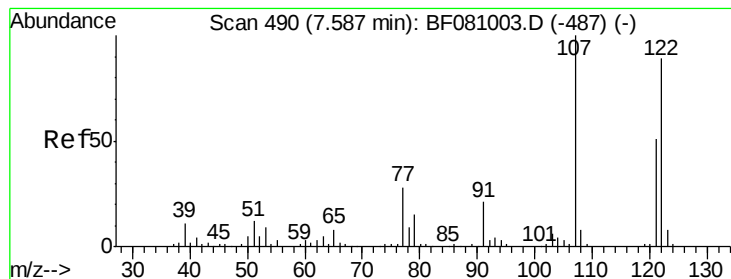
Ion Ratio Lower Upper

139 100

109 28.8 32.1 48.1#

65 57.2 69.9 104.9#





#27

2,4-Dimethylphenol

Concen: 42.65 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

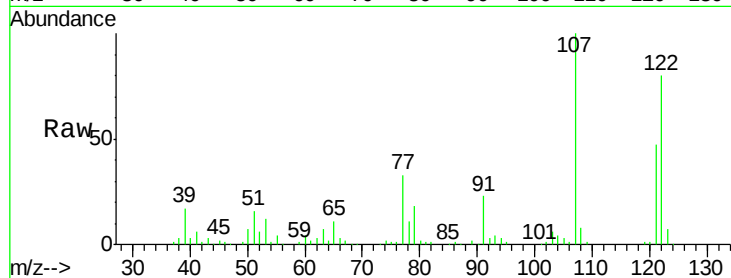
Tot Ion:122 Resp: 191346

Ion Ratio Lower Upper

122 100

107 125.7 103.8 155.6

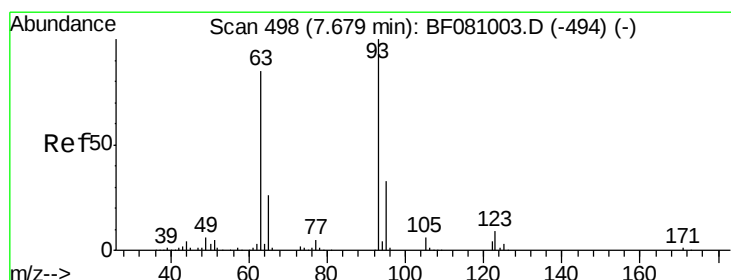
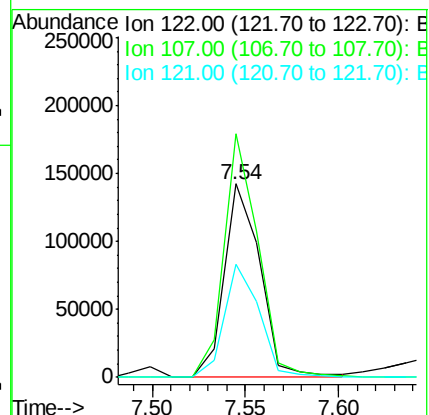
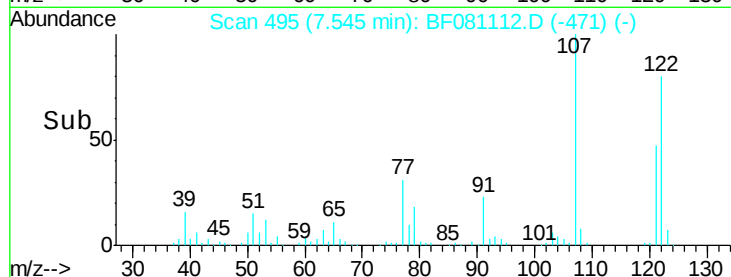
121 58.6 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.22 ng

RT: 7.65 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

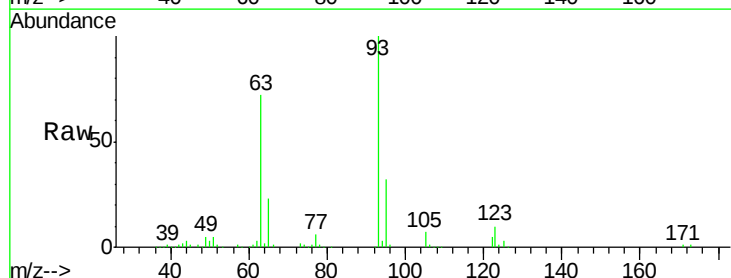
Tgt Ion: 93 Resp: 297012

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

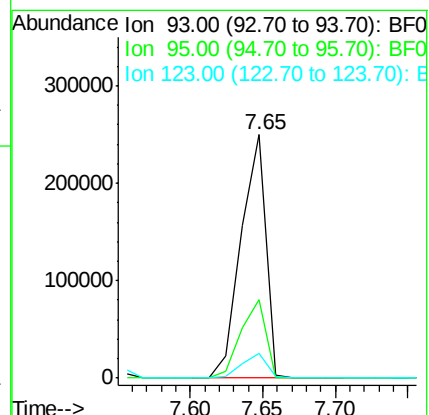
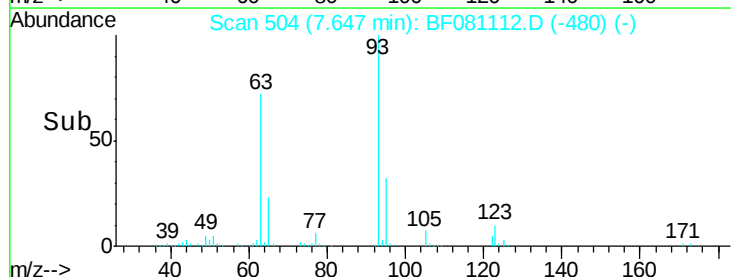
123 10.4 7.4 11.0

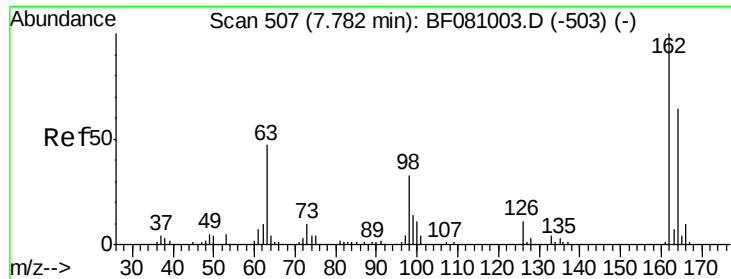


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

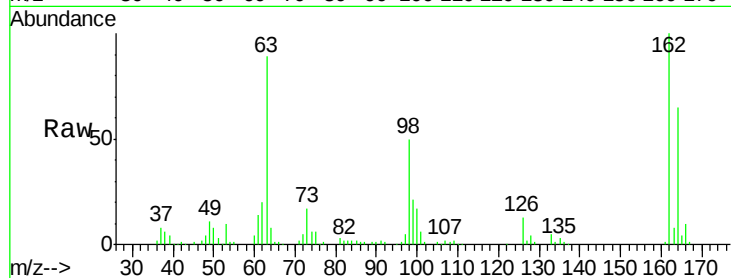




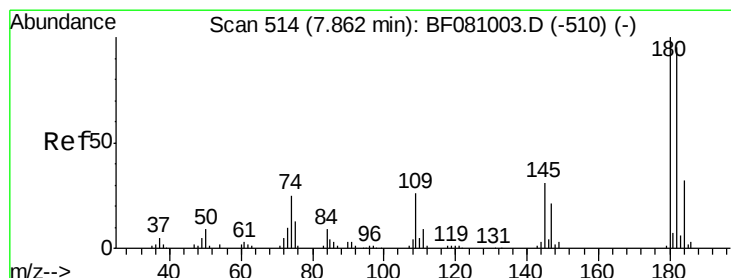
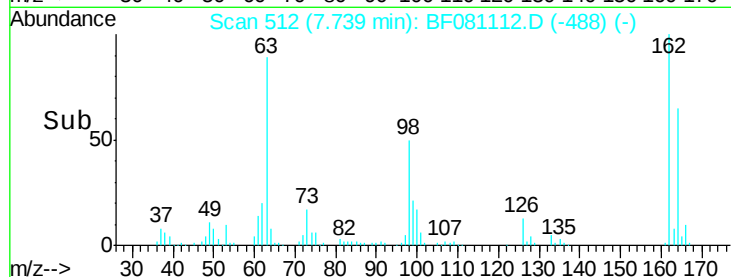
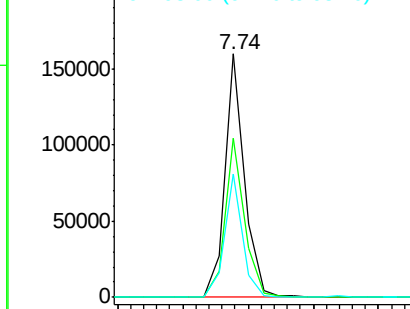
#29
2,4-Dichlorophenol
Concen: 44.01 ng
RT: 7.74 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.2	83.2
98	50.4	12.3	52.3

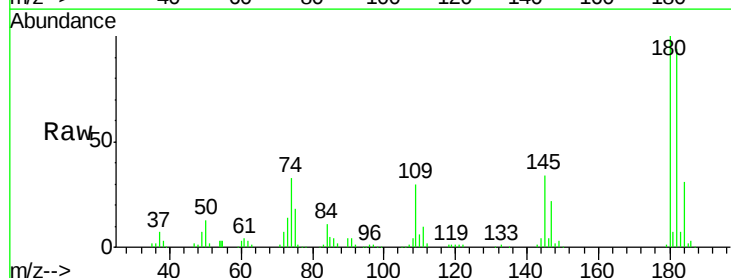


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): E

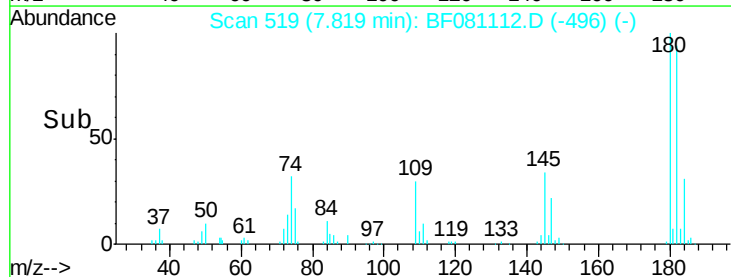
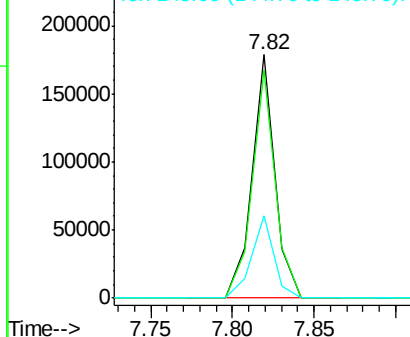


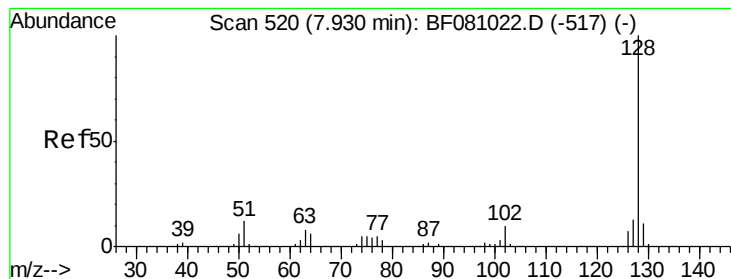
#30
1,2,4-Trichlorobenzene
Concen: 41.28 ng
RT: 7.82 min Scan# 519
Delta R.T. -0.04 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.4	114.6
145	33.6	25.4	38.2



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: 44.49 ng

RT: 7.90 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

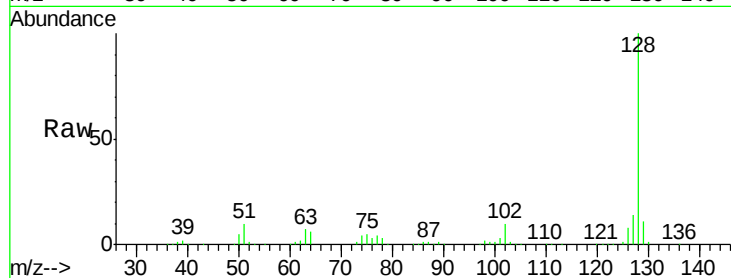
Tot Ion:128 Resp: 660845

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

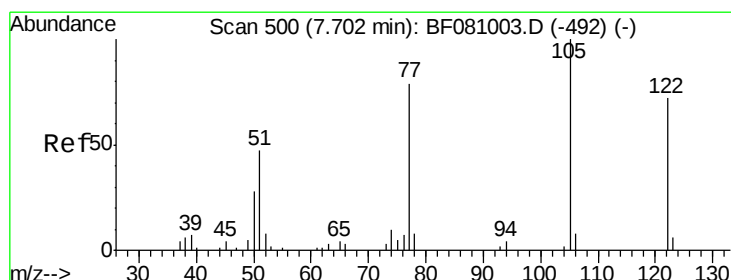
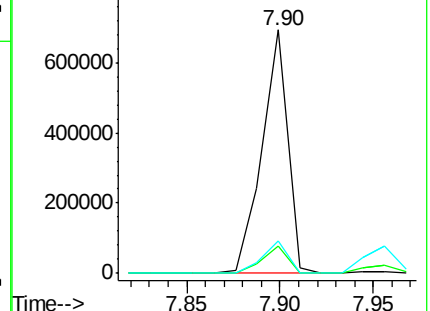
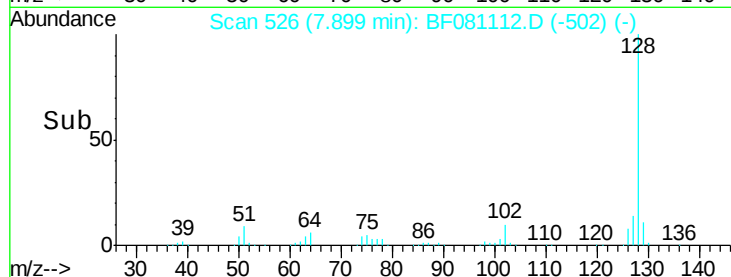
127 13.5 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.80 ng

RT: 7.66 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

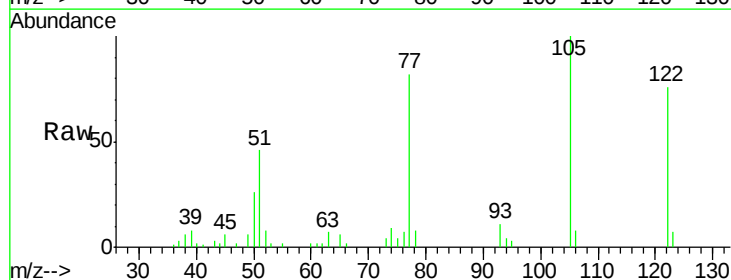
Tgt Ion:122 Resp: 42404

Ion Ratio Lower Upper

122 100

105 130.8 113.8 153.8

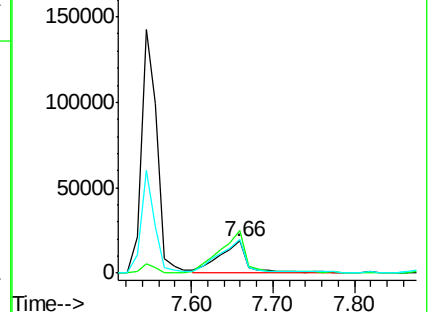
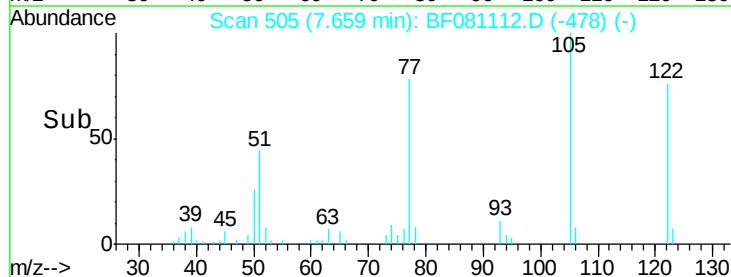
77 106.6 93.8 133.8

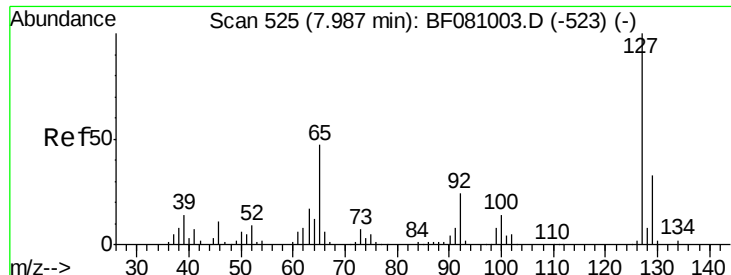


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

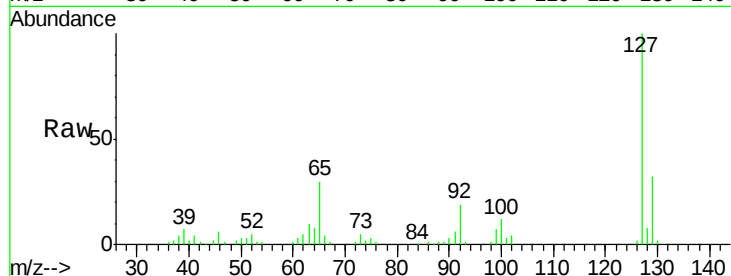




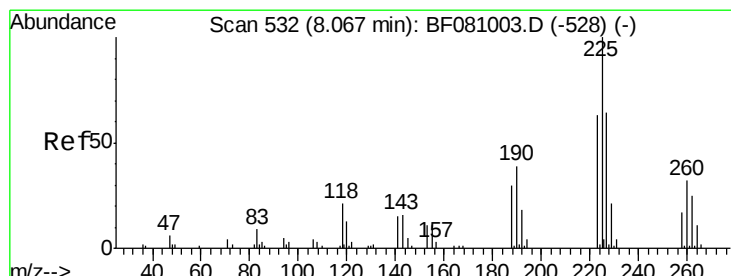
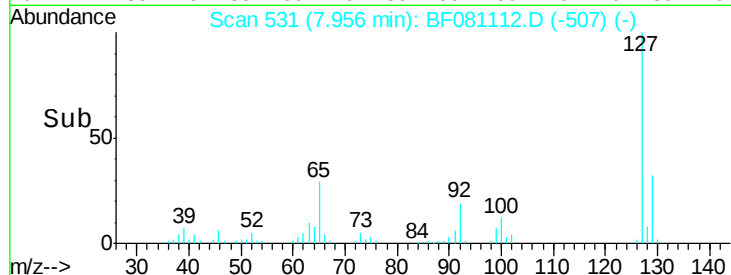
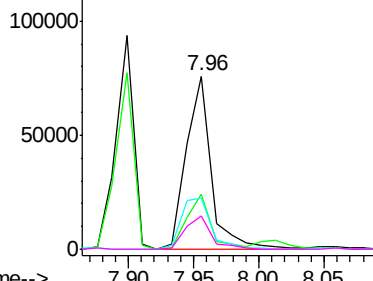
#33
4-Chloroaniline
Concen: 16.27 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	101957
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.2	37.8
65	29.6	37.8	56.6#
92	19.0	19.5	29.3#

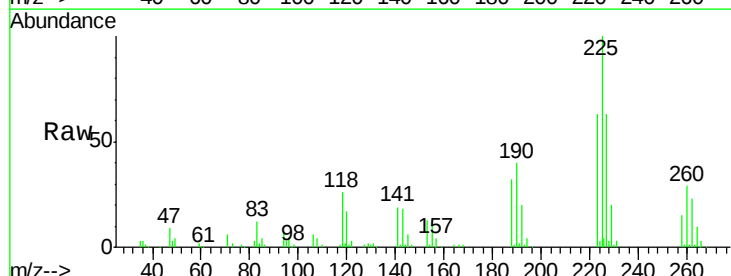


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

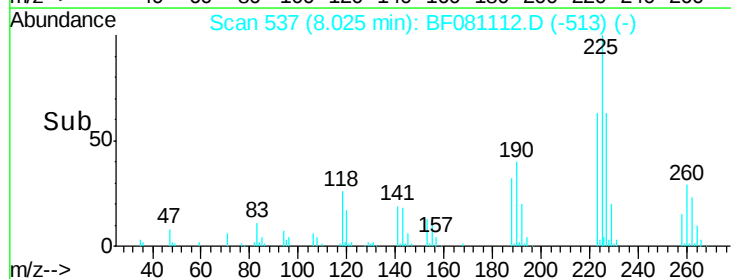
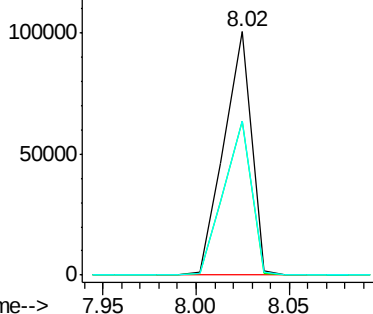


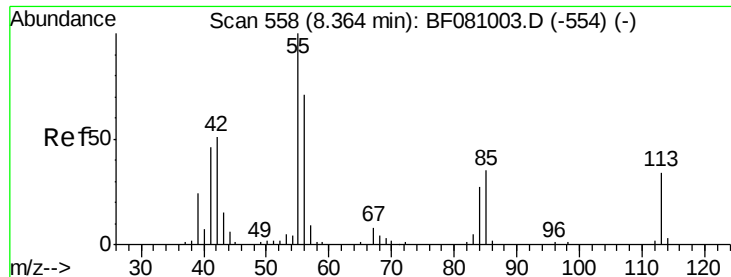
#34
Hexachlorobutadiene
Concen: 43.13 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Tgt Ion:	225	Resp:	102400
Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.6	79.0
227	63.2	51.1	76.7



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

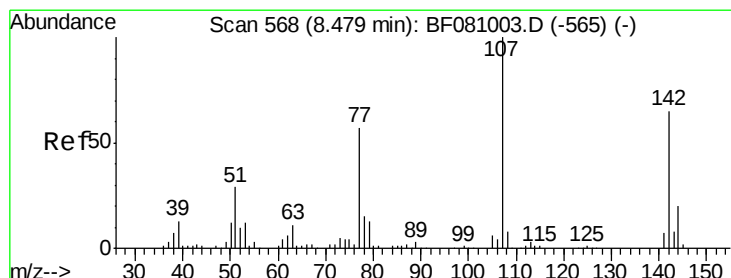
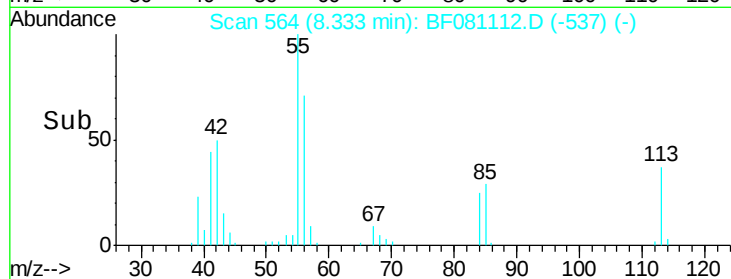
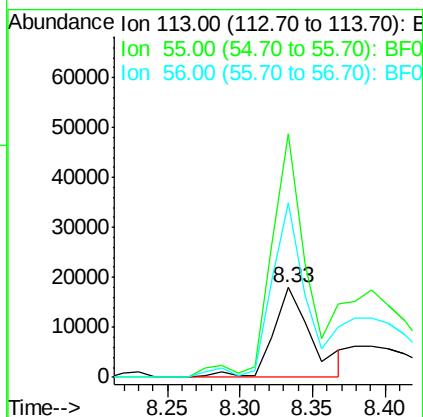
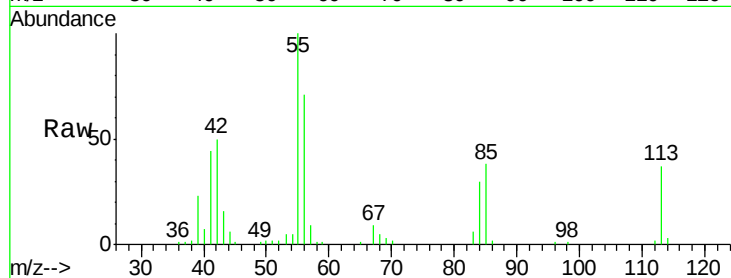




#35
Caprolactam
Concen: 24.88 ng
RT: 8.33 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

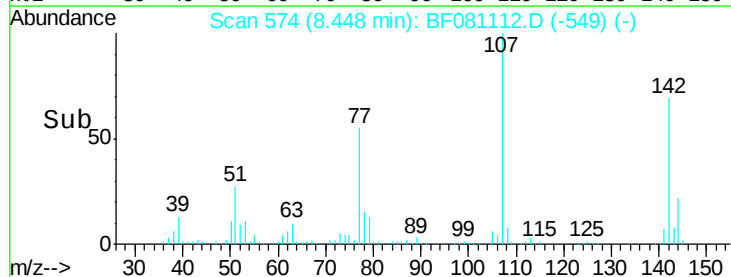
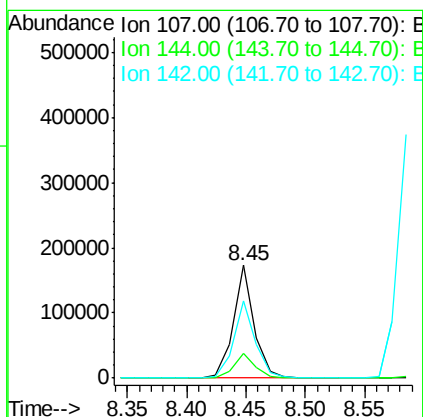
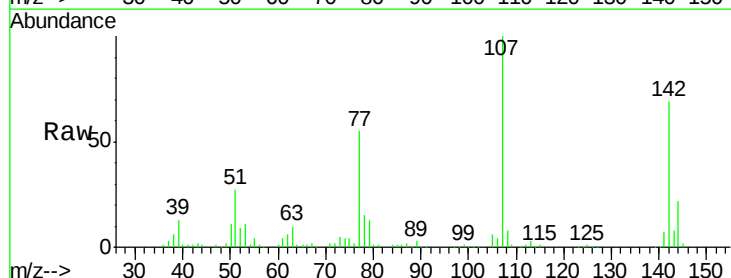
Instrument :
BNA_F
ClientSampleId :

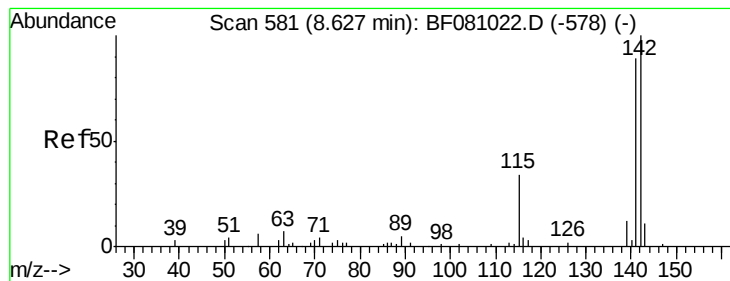
Tot Ion:113 Resp: 32846
Ion Ratio Lower Upper
113 100
55 272.3 280.4 320.4#
56 194.5 205.9 245.9#



#36
4-Chloro-3-methylphenol
Concen: 46.36 ng
RT: 8.45 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Tgt Ion:107 Resp: 208714
Ion Ratio Lower Upper
107 100
144 22.1 17.2 25.8
142 68.9 54.9 82.3

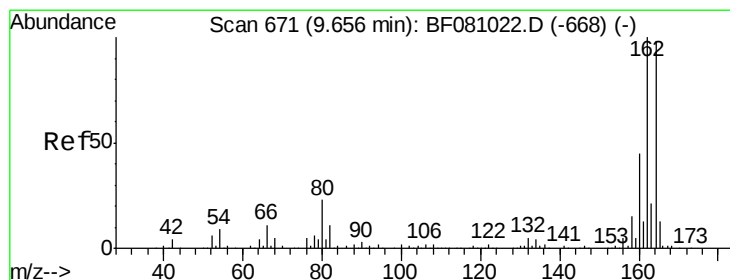
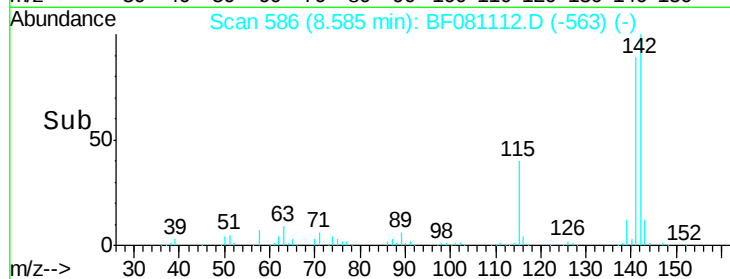
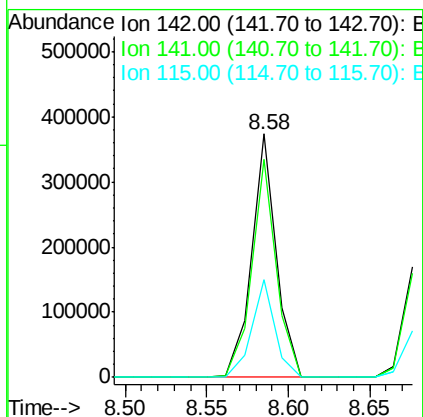
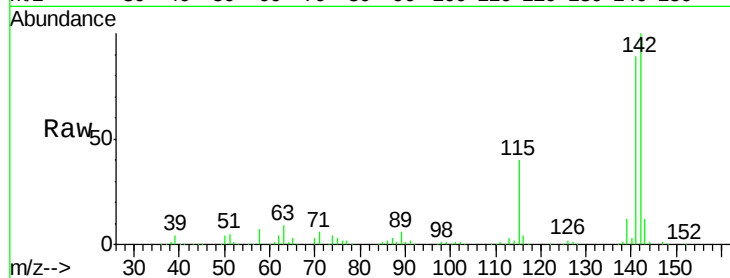




#37
 2-Methylnaphthalene
 Concen: 41.67 ng
 RT: 8.58 min Scan# 586
 Delta R.T. -0.04 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

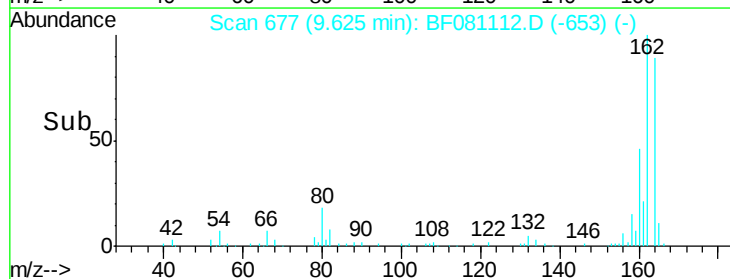
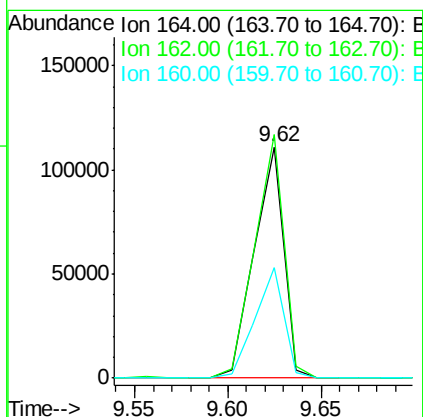
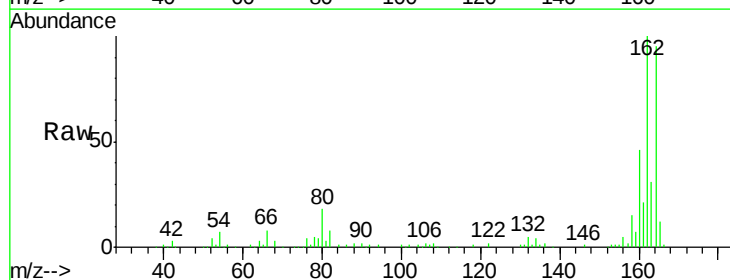
Instrument :
 BNA_F
 ClientSampleId :

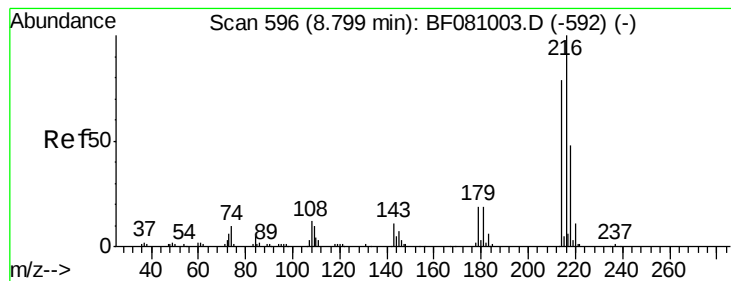
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	40.1	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.8	125.8
160	48.0	39.8	59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.88 ng

RT: 8.76 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF081112.D

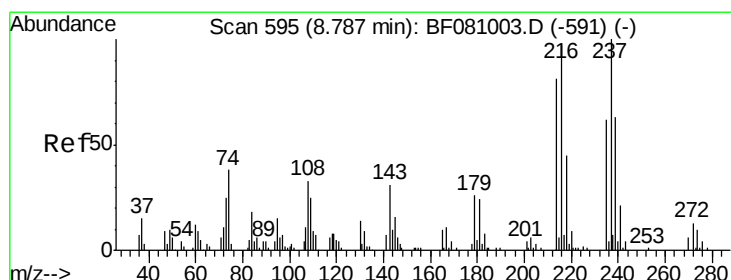
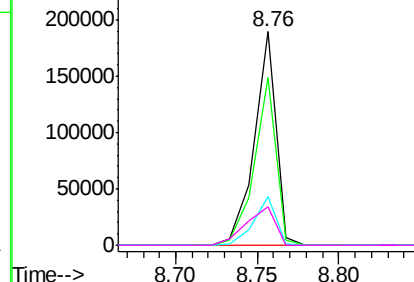
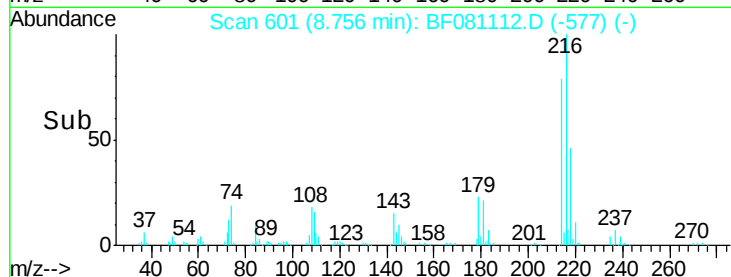
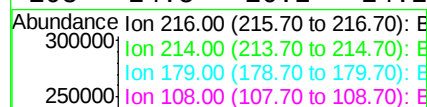
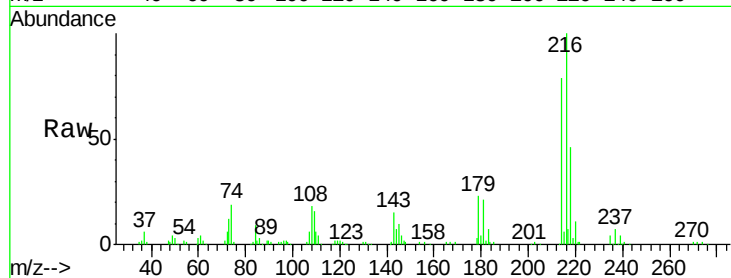
Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	175018
Ion Ratio	Lower	Upper
216	100	
214	78.6	63.8 95.8
179	23.1	17.8 26.8
108	24.5	16.2 24.2#



#40

Hexachlorocyclopentadiene

Concen: 88.38 ng

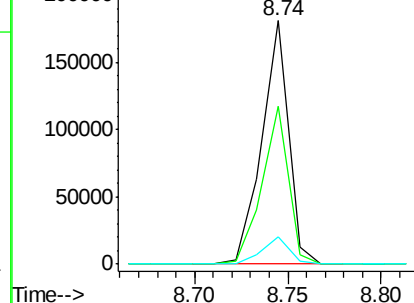
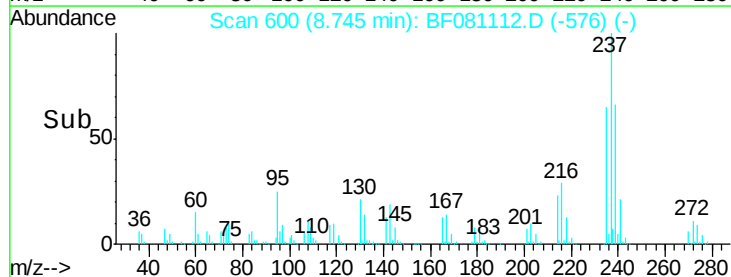
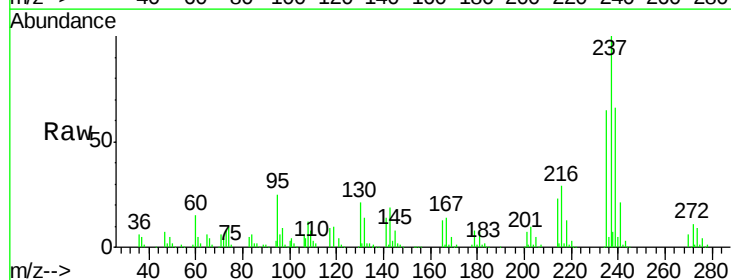
RT: 8.74 min Scan# 600

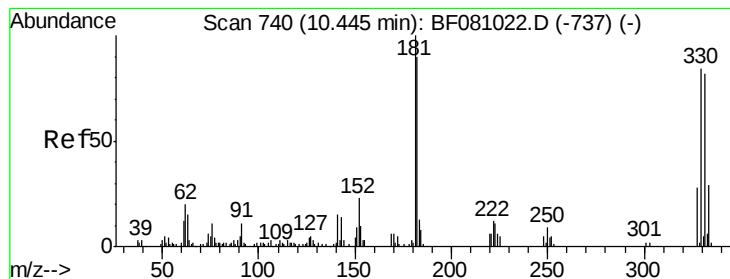
Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Tgt Ion:237	Resp:	178402
Ion Ratio	Lower	Upper
237	100	
235	64.8	43.6 83.6
272	11.2	0.0 32.2





#41

2,4,6-Tribromophenol

Concen: 152.53 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

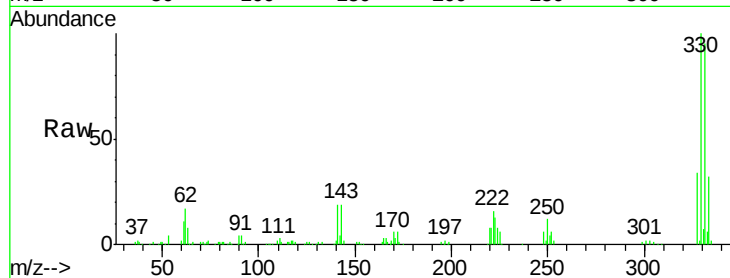
Tot Ion:330 Resp: 159828

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

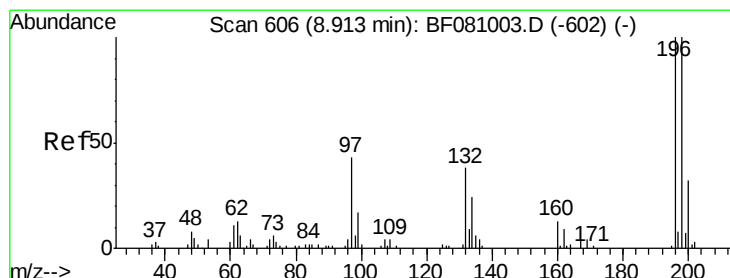
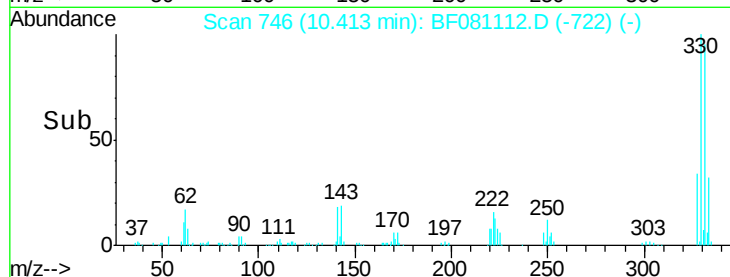
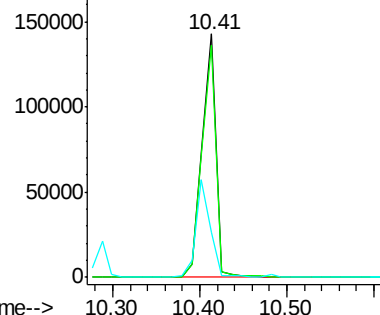
141 42.0 44.9 67.3#



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: 44.78 ng

RT: 8.87 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

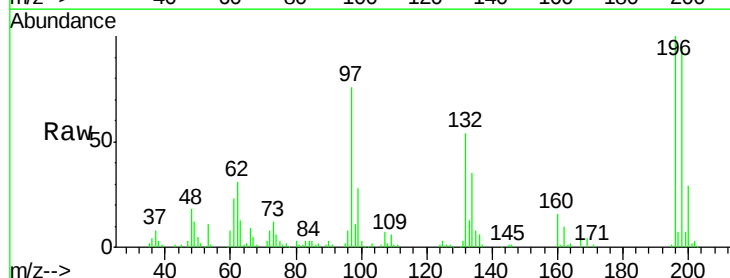
Tgt Ion:196 Resp: 123391

Ion Ratio Lower Upper

196 100

198 94.5 74.6 111.8

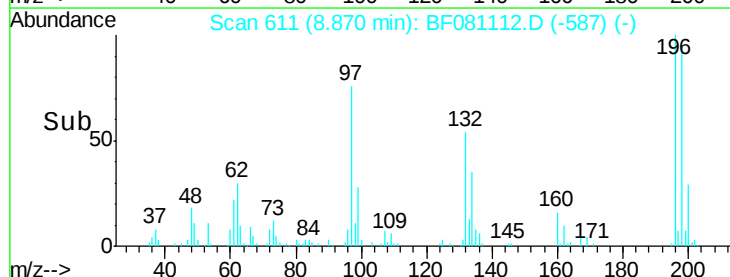
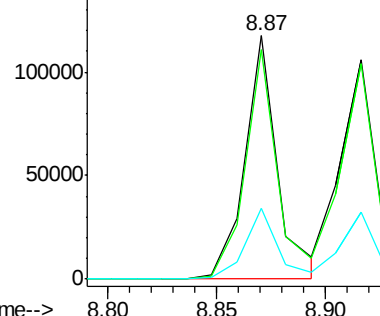
200 29.0 22.7 34.1

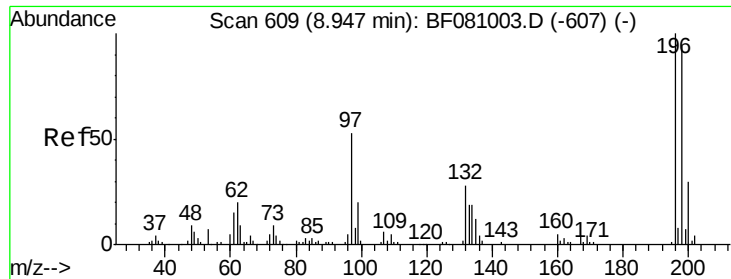


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

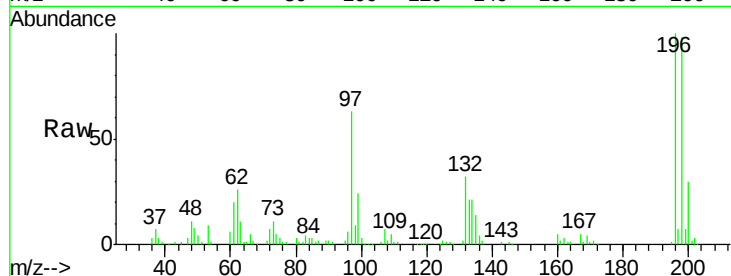




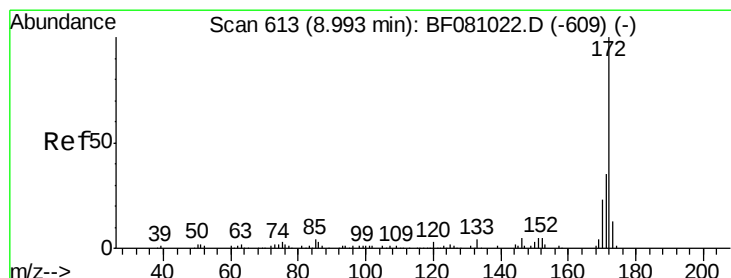
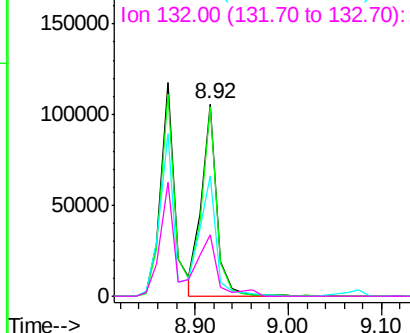
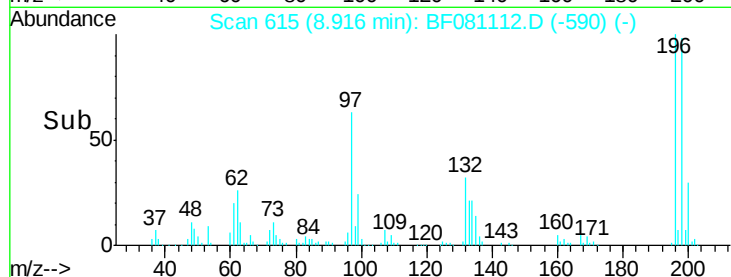
#43
 2,4,5-Trichlorophenol
 Concen: 44.81 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	123398
Ion Ratio	Lower	Upper
196	100	
198	98.1	78.3 117.5
97	62.8	42.7 64.1
132	31.8	23.3 34.9

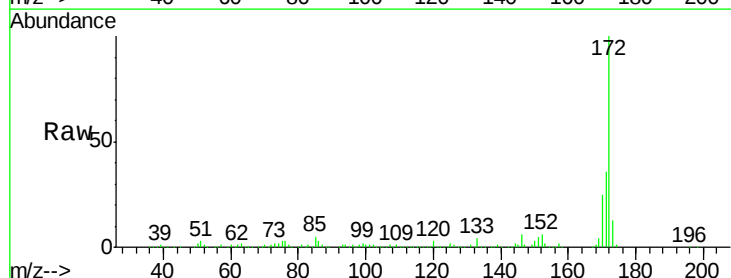


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

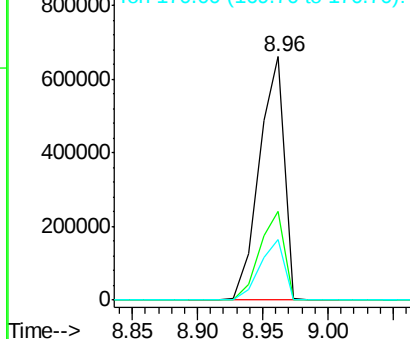
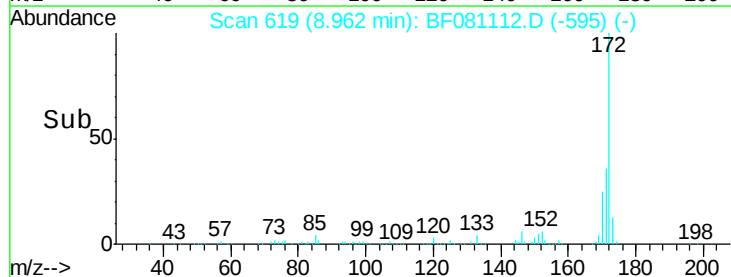


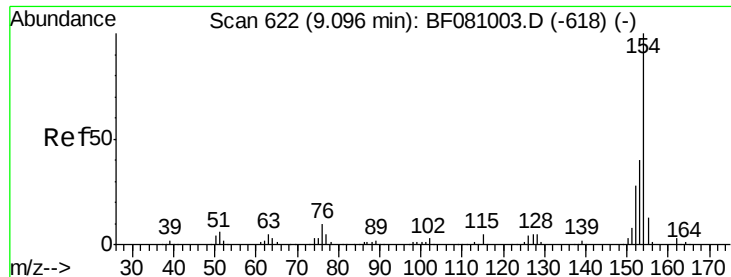
#44
 2-Fluorobiphenyl
 Concen: 95.48 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

Tgt Ion:172	Resp:	880820
Ion Ratio	Lower	Upper
172	100	
171	36.3	28.9 43.3
170	24.7	19.4 29.2



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

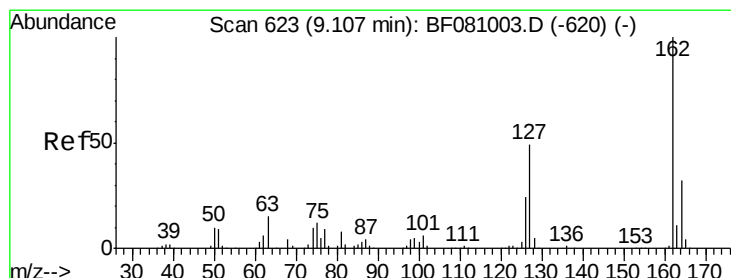
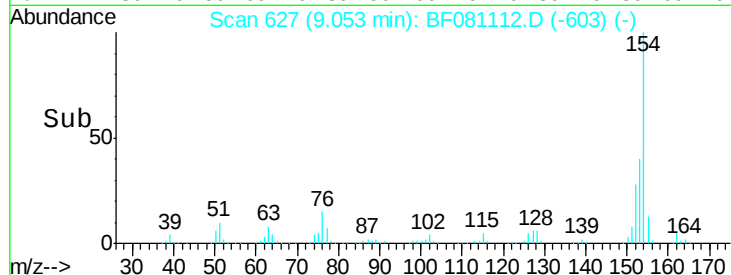
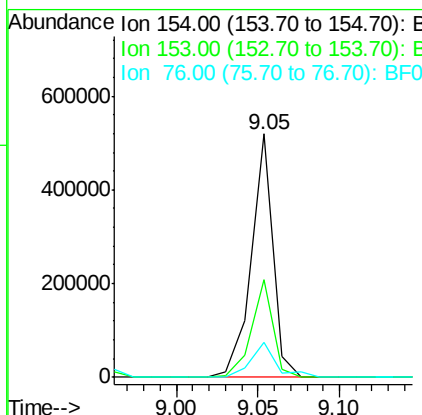
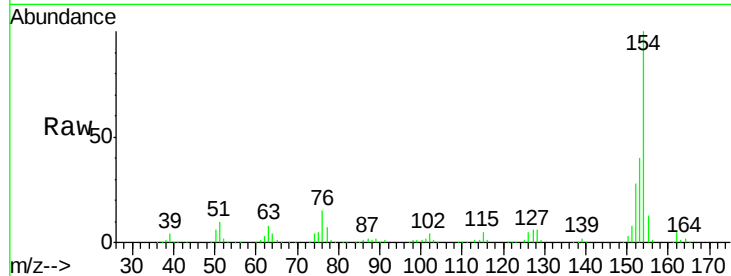




#45
 1,1'-Biphenyl
 Concen: 44.98 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

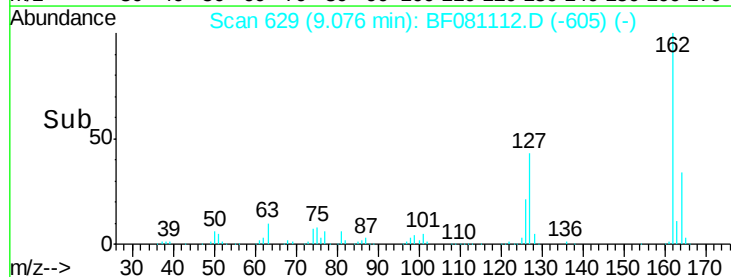
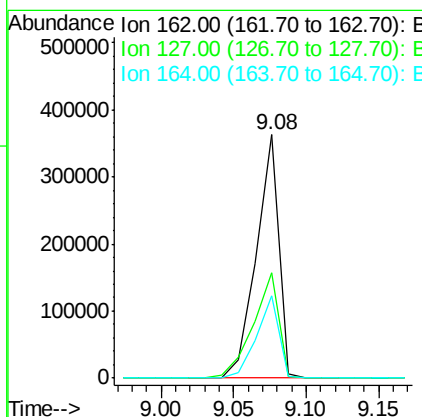
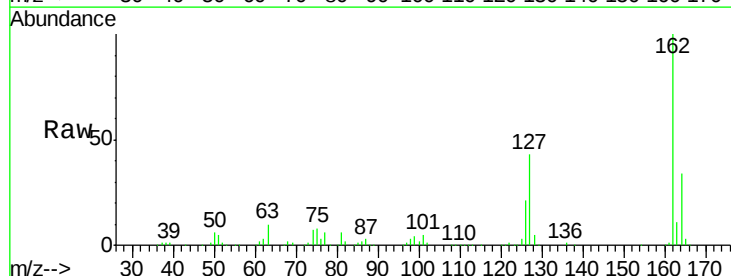
Instrument :
 BNA_F
 ClientSampleId :

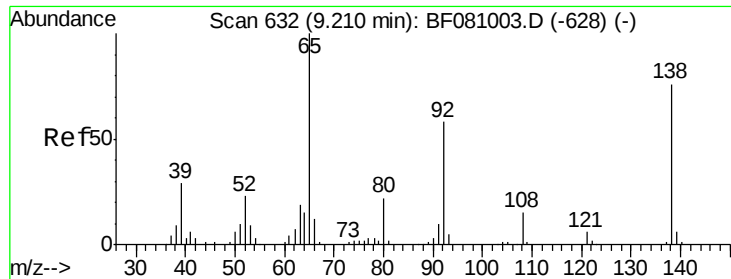
Tot Ion:154 Resp: 478961
 Ion Ratio Lower Upper
 154 100
 153 40.3 19.5 59.5
 76 14.5 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 45.55 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.03 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

Tgt Ion:162 Resp: 389657
 Ion Ratio Lower Upper
 162 100
 127 43.4 31.3 46.9
 164 33.8 26.3 39.5

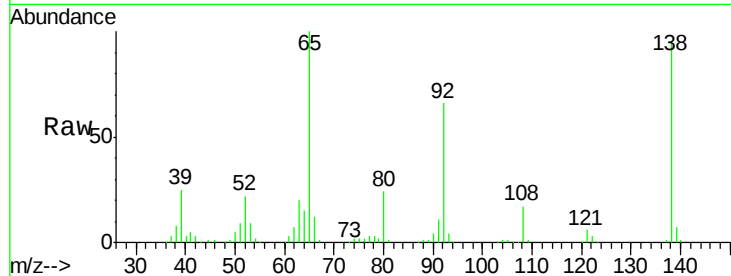




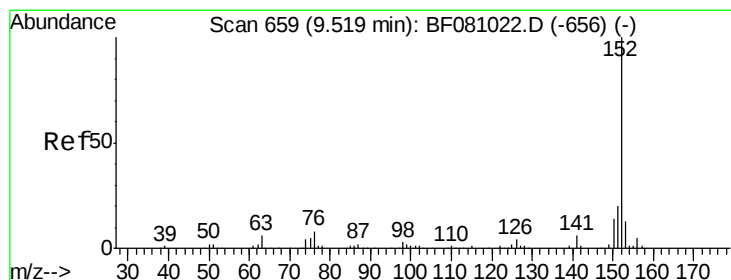
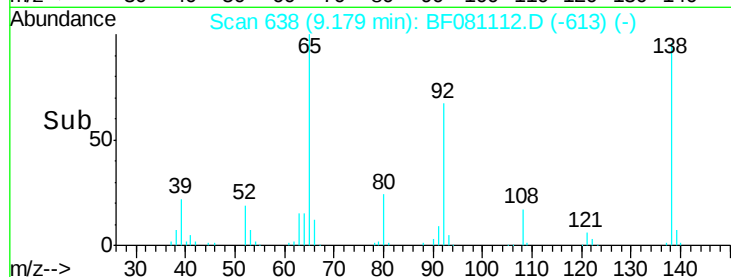
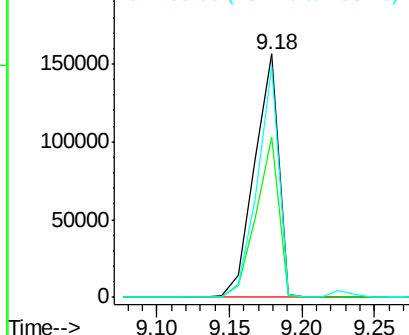
#47
2-Nitroaniline
Concen: 51.29 ng
RT: 9.18 min Scan# 638
Delta R.T. -0.02 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 179524
Ion Ratio Lower Upper
65 100
92 65.8 45.6 68.4
138 94.6 57.9 86.9#

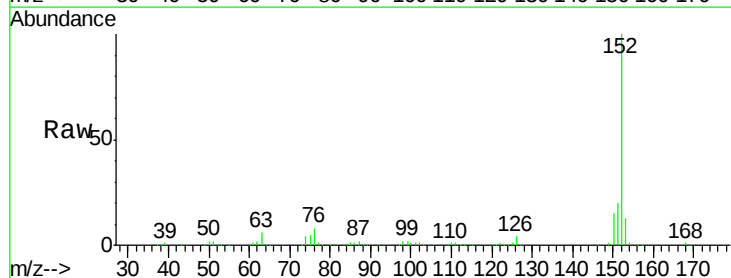


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

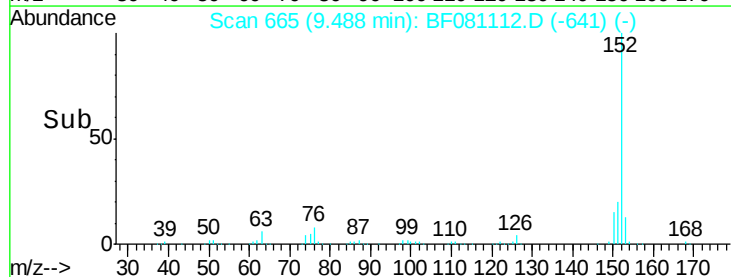
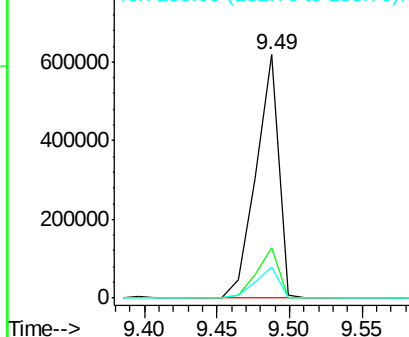


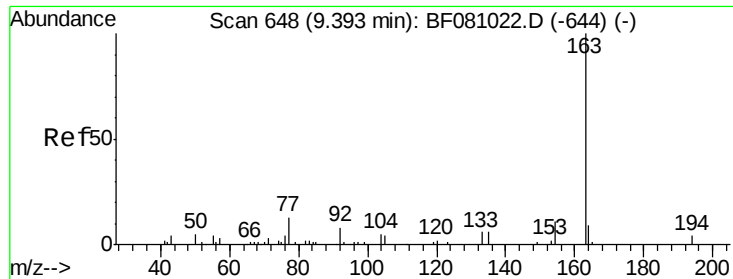
#48
Acenaphthylene
Concen: 43.74 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Tgt Ion:152 Resp: 669233
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 12.9 9.8 14.6



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

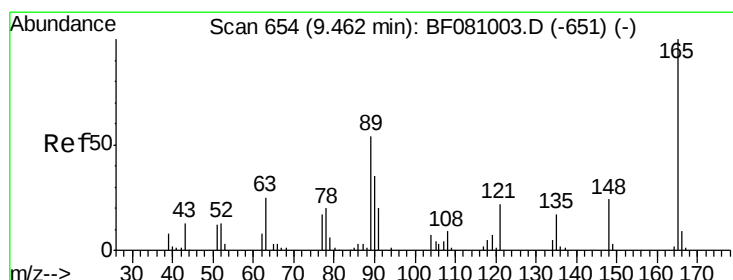
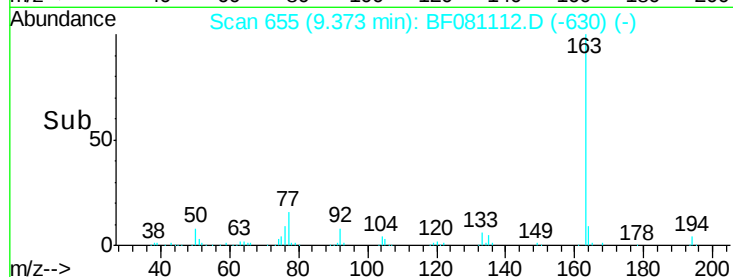
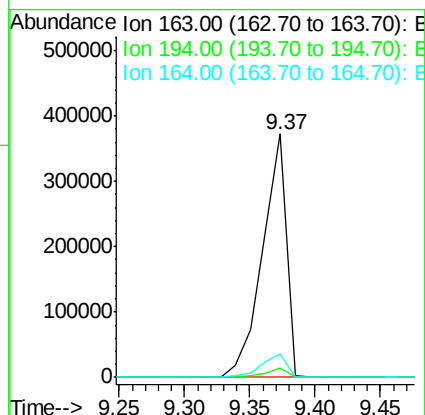
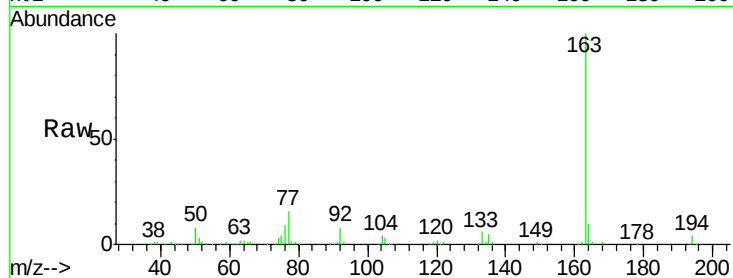




#49
Dimethylphthalate
Concen: 47.98 ng
RT: 9.37 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

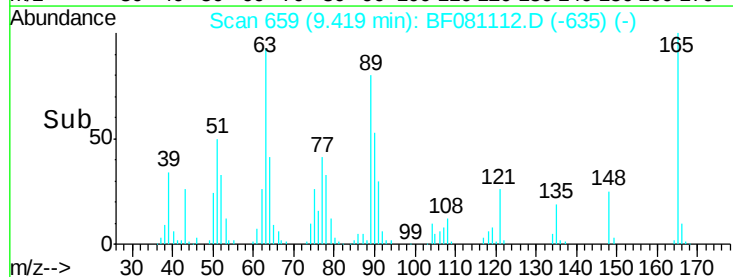
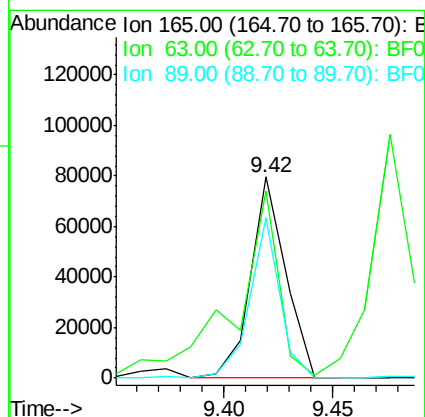
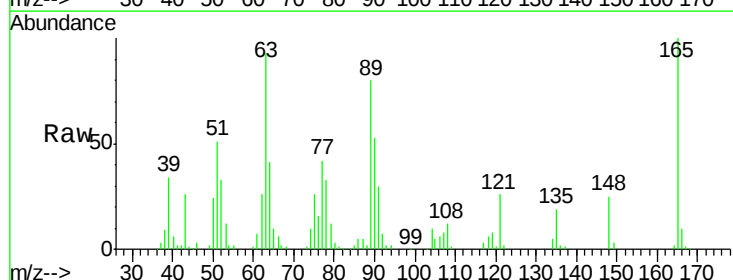
Instrument :
BNA_F
ClientSampled :

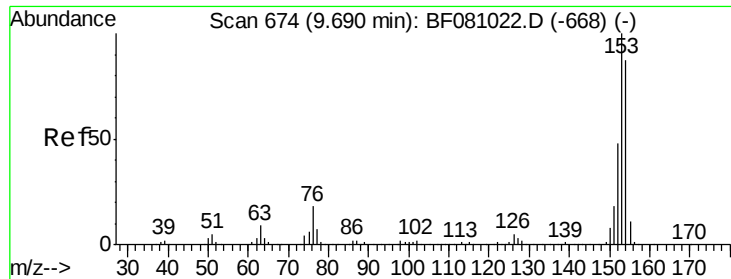
Tot Ion:163 Resp: 477627
Ion Ratio Lower Upper
163 100
194 3.6 2.5 3.7
164 9.6 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 41.57 ng
RT: 9.42 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Tgt Ion:165 Resp: 88858
Ion Ratio Lower Upper
165 100
63 93.0 49.5 74.3#
89 79.5 47.6 71.4#





#51

Acenaphthene

Concen: 43.21 ng

RT: 9.66 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

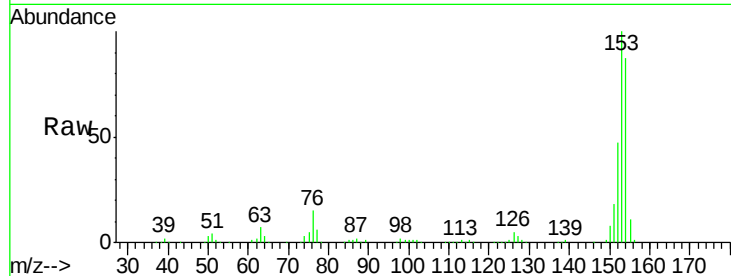
Tot Ion:154 Resp: 395821

Ion Ratio Lower Upper

154 100

153 115.0 91.4 137.2

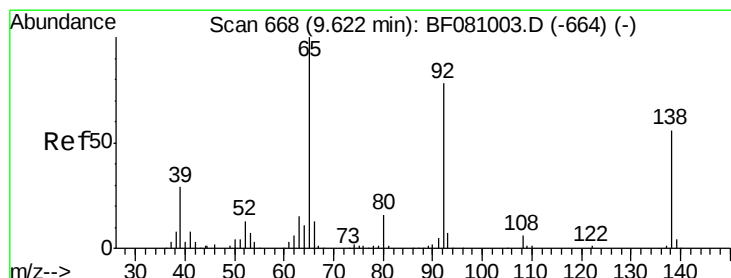
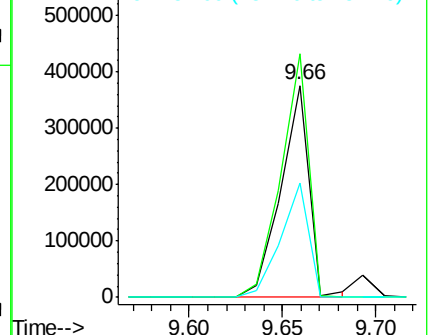
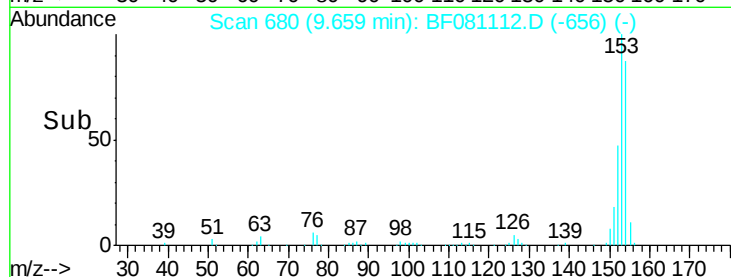
152 54.3 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.30 ng

RT: 9.59 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

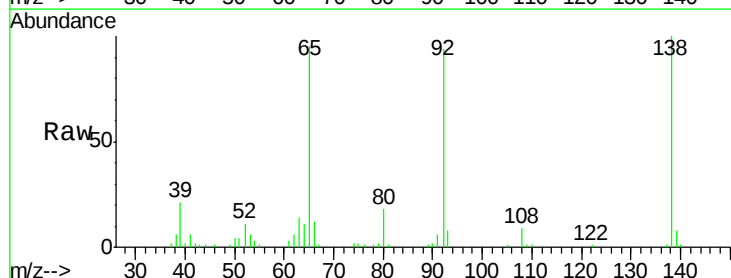
Tgt Ion:138 Resp: 75687

Ion Ratio Lower Upper

138 100

108 9.2 9.4 14.2#

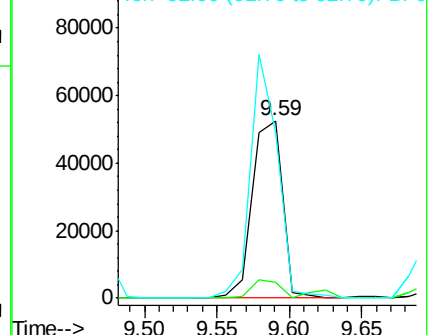
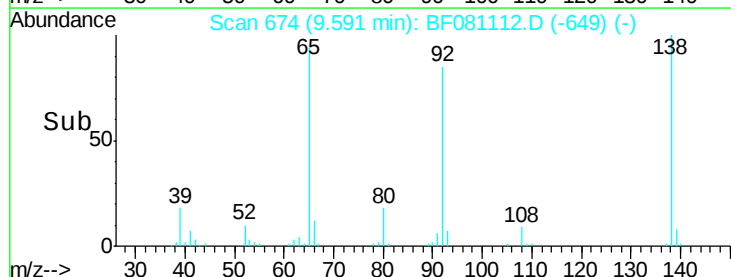
92 93.7 113.2 169.8#

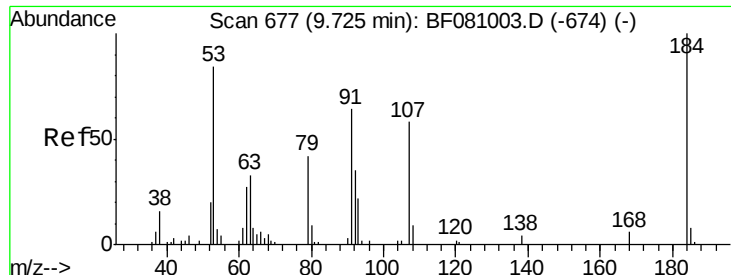


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

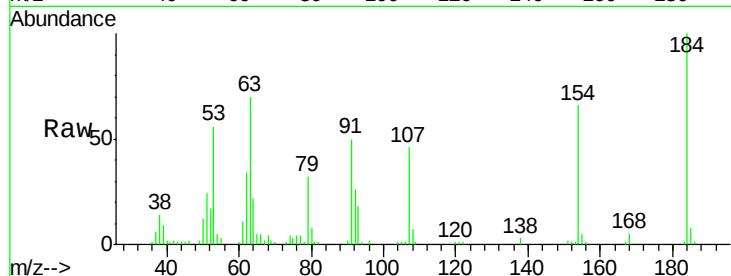




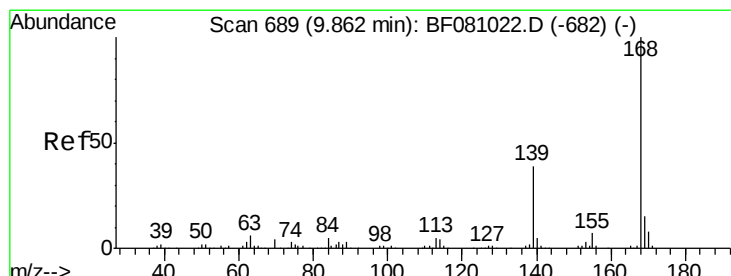
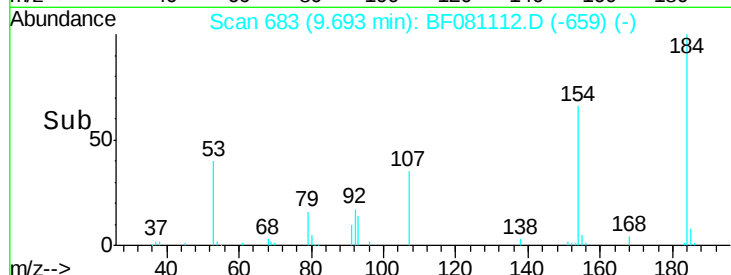
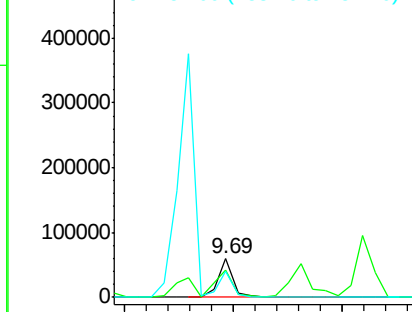
#53
2,4-Dinitrophenol
Concen: 52.30 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 57023
Ion Ratio Lower Upper
184 100
63 69.9 101.7 152.5#
154 66.5 67.4 101.0#

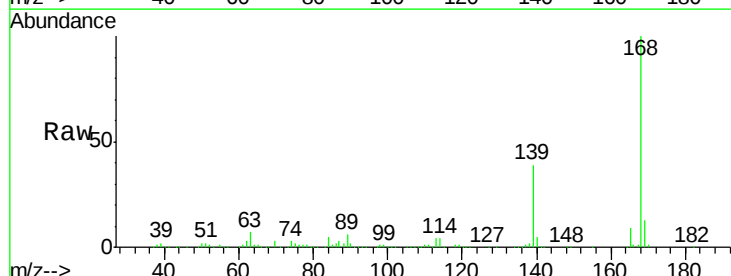


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

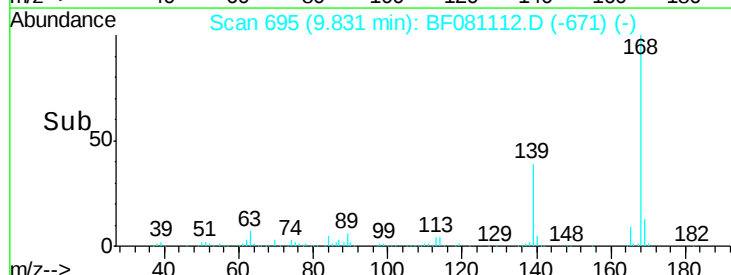
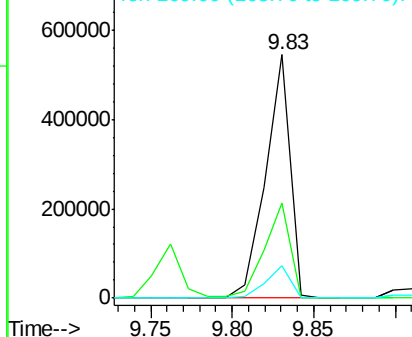


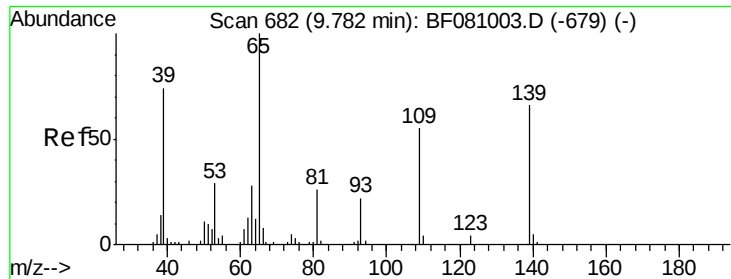
#54
Dibenzofuran
Concen: 46.37 ng
RT: 9.83 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Tgt Ion:168 Resp: 569193
Ion Ratio Lower Upper
168 100
139 39.1 29.3 43.9
169 13.1 10.3 15.5



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





#55

4-Nitrophenol

Concen: 73.51 ng

RT: 9.76 min Scan# 689

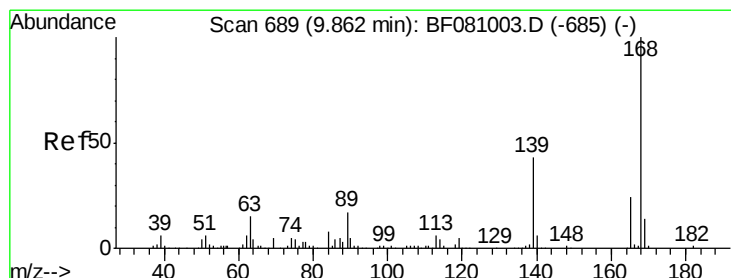
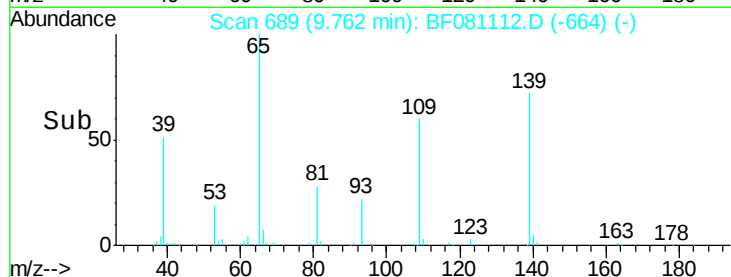
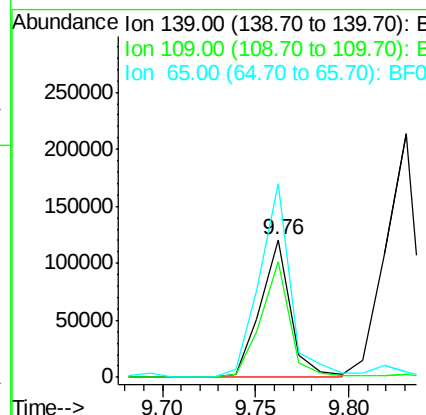
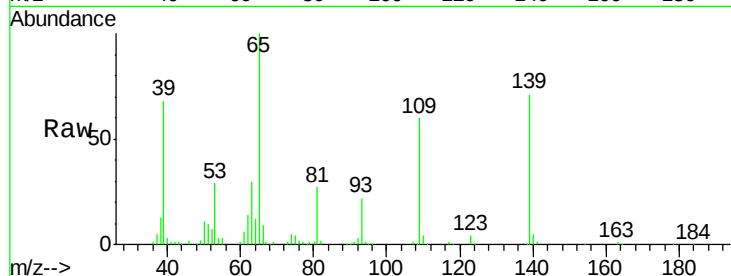
Delta R.T. -0.02 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 138089
Ion Ratio Lower Upper
139 100
109 84.1 80.0 120.0
65 141.1 138.3 178.3



#56

2,4-Dinitrotoluene

Concen: 41.35 ng

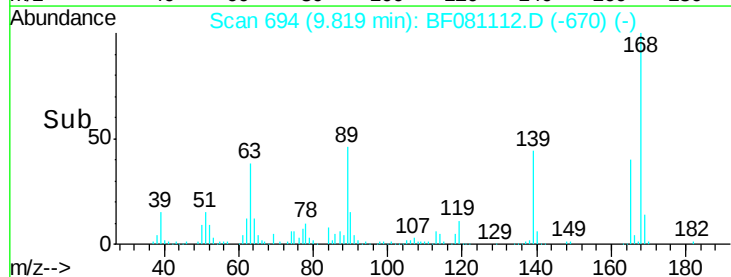
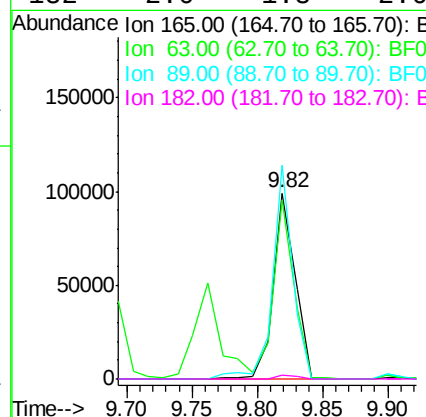
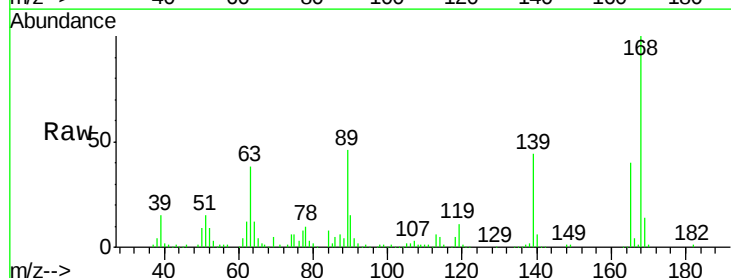
RT: 9.82 min Scan# 694

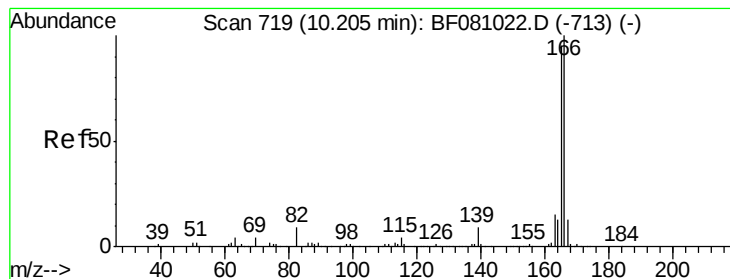
Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Tgt Ion:165 Resp: 117151
Ion Ratio Lower Upper
165 100
63 96.1 52.2 78.4#
89 114.8 60.1 90.1#
182 2.0 1.8 2.6





#57

Fluorene

Concen: 42.50 ng

RT: 10.16 min Scan# 724

Delta R.T. -0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

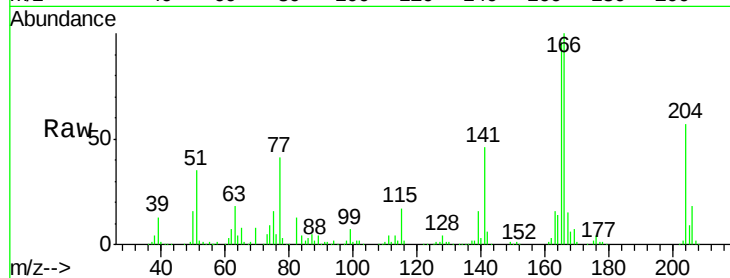
Tot Ion:166 Resp: 401367

Ion Ratio Lower Upper

166 100

165 96.4 75.8 113.8

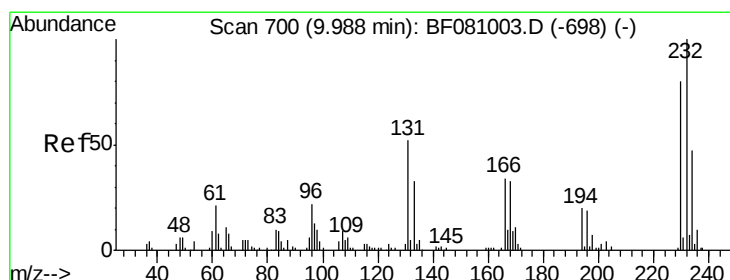
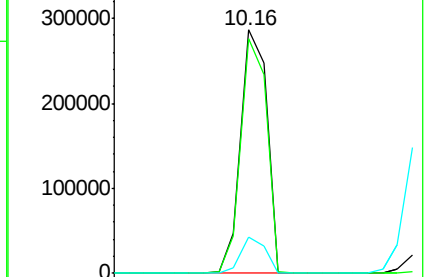
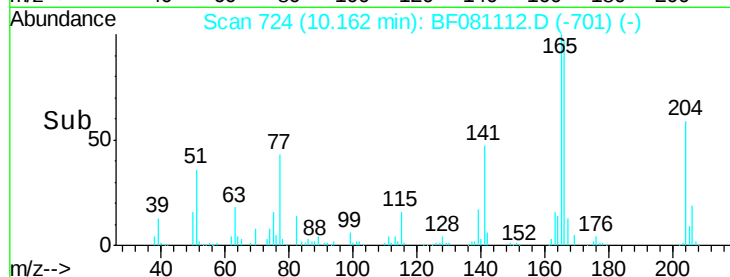
167 14.7 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.75 ng

RT: 9.94 min Scan# 705

Delta R.T. -0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Tgt Ion:232 Resp: 99635

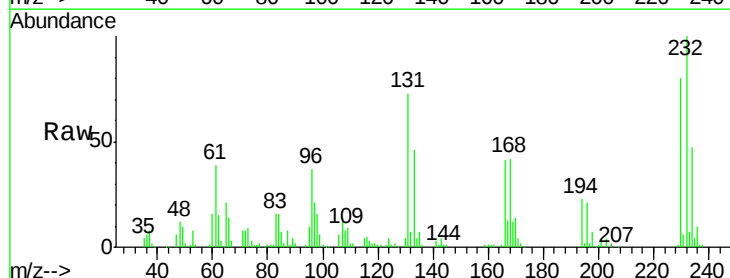
Ion Ratio Lower Upper

232 100

131 57.4 42.2 63.4

130 2.7 2.1 3.1

166 33.4 22.4 33.6

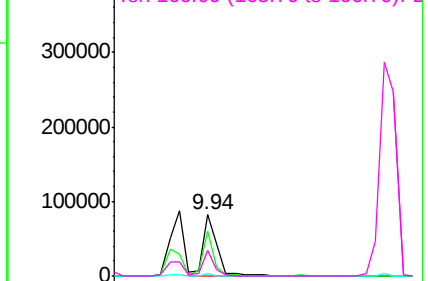
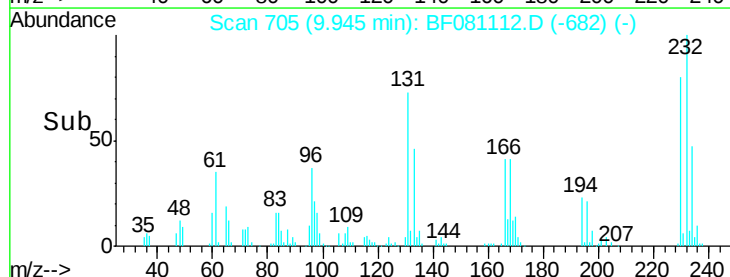


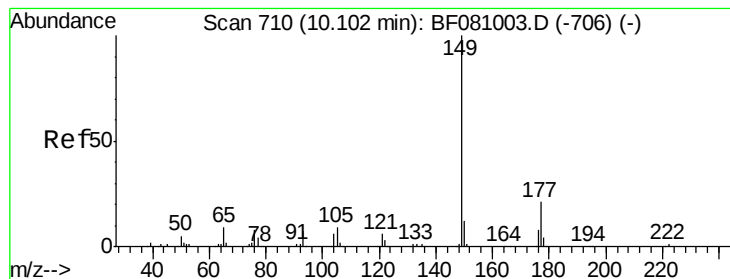
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.40 ng

RT: 10.06 min Scan# 715

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

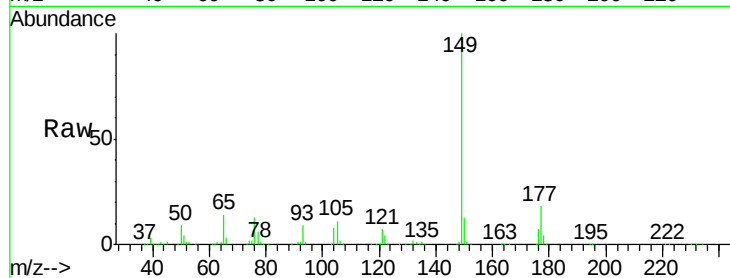
Tot Ion:149 Resp: 446739

Ion Ratio Lower Upper

149 100

177 18.1 14.1 21.1

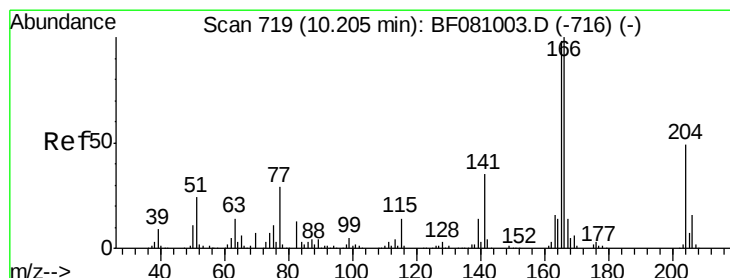
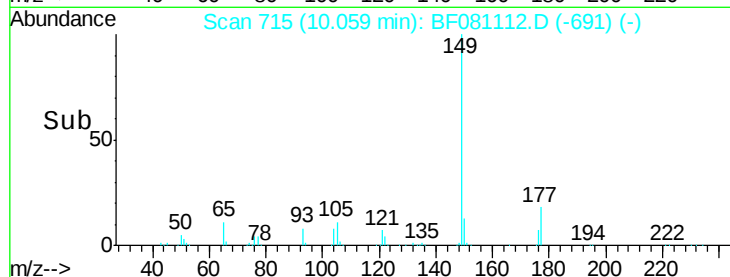
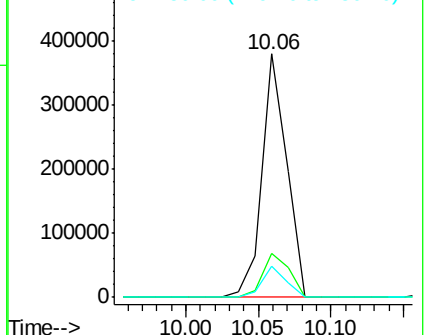
150 12.9 10.3 15.5



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: 42.75 ng

RT: 10.16 min Scan# 724

Delta R.T. -0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

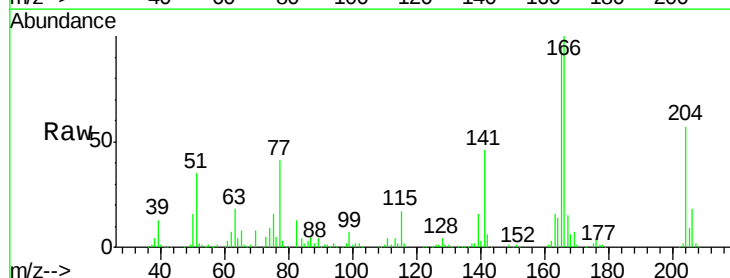
Tgt Ion:204 Resp: 170811

Ion Ratio Lower Upper

204 100

206 31.9 26.2 39.2

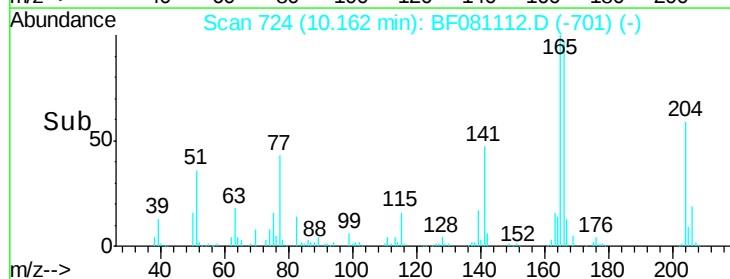
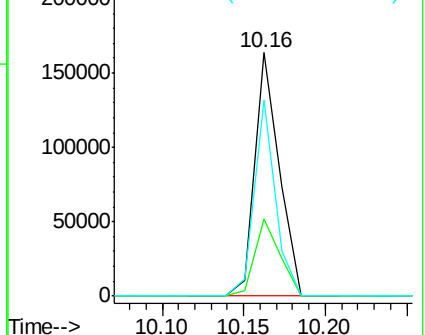
141 80.5 59.6 89.4

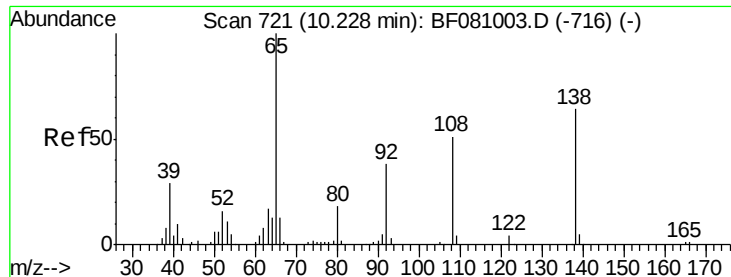


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

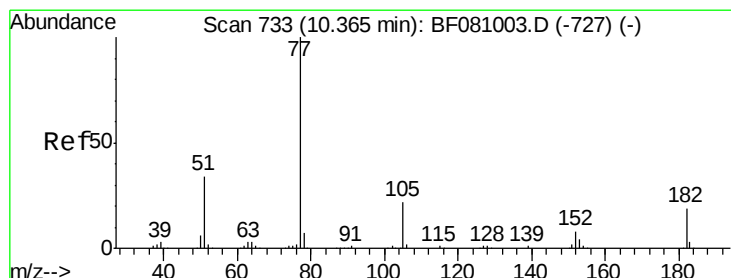
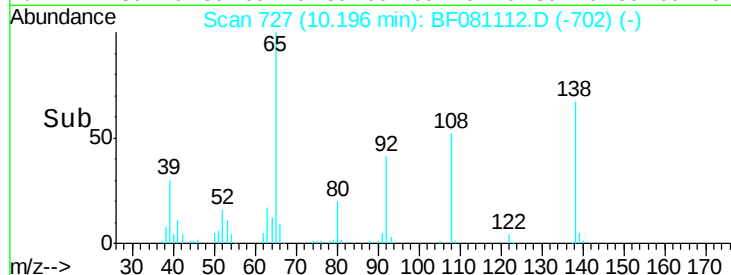
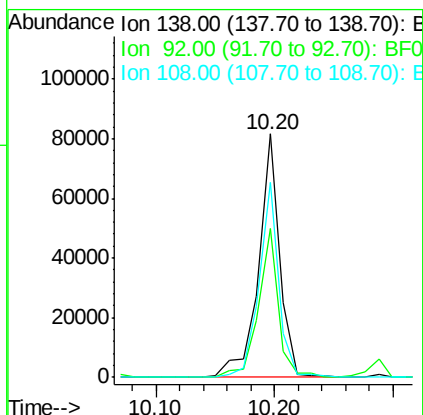
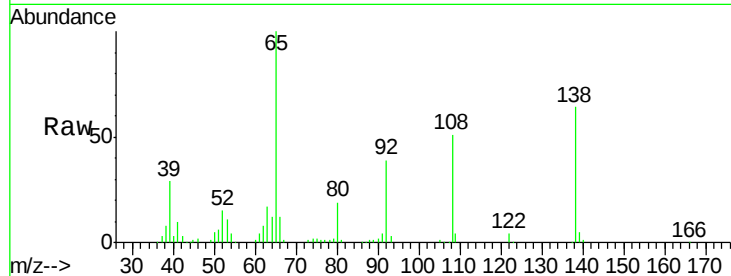




#61
4-Nitroaniline
Concen: 37.18 ng
RT: 10.20 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

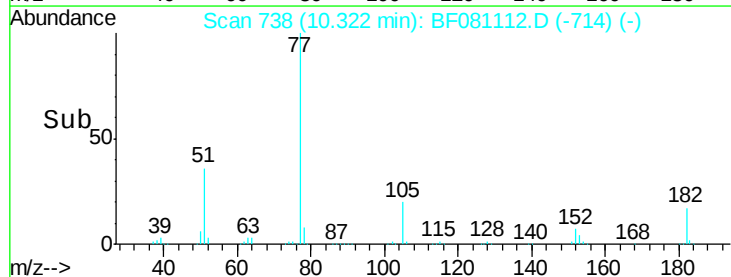
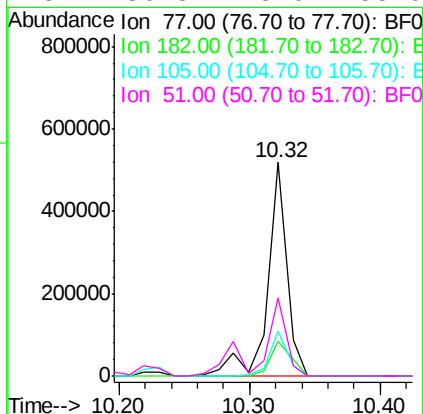
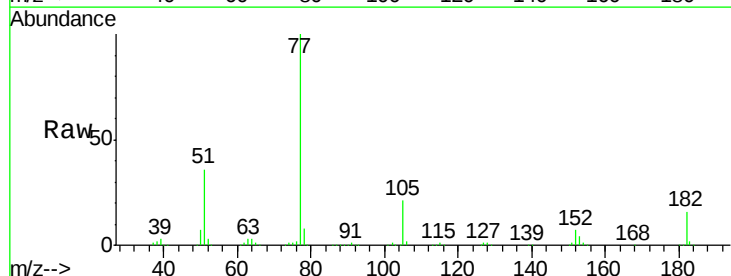
Instrument :
BNA_F
ClientSampleId :

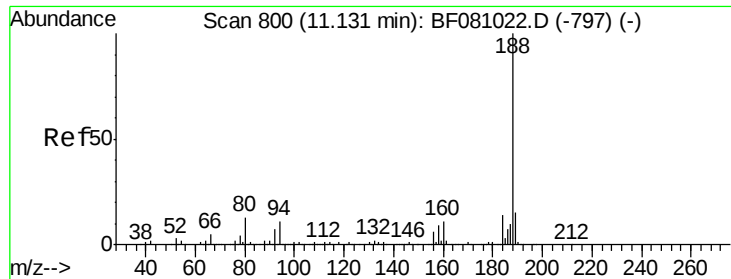
Tot Ion:138 Resp: 101640
Ion Ratio Lower Upper
138 100
92 61.1 34.7 74.7
108 80.3 68.9 108.9



#62
Azobenzene
Concen: 44.88 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Tgt Ion: 77 Resp: 544993
Ion Ratio Lower Upper
77 100
182 16.4 0.0 39.0
105 20.8 0.2 40.2
51 36.3 18.0 58.0

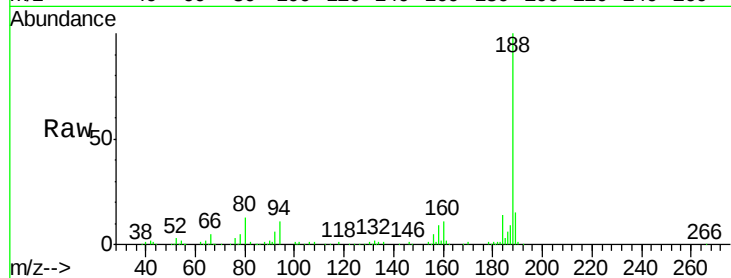




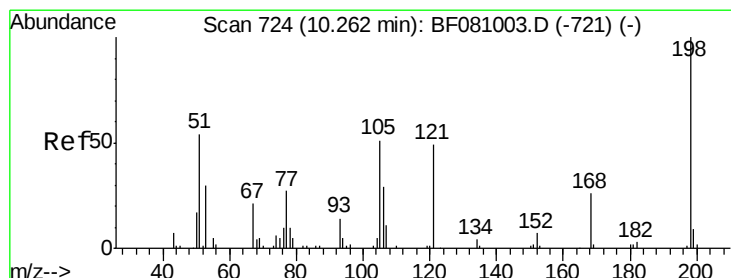
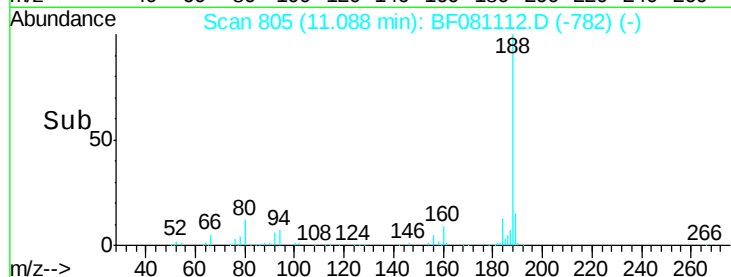
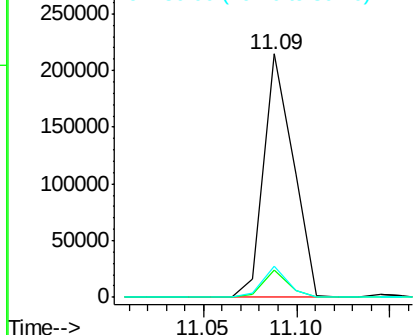
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.04 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 234392
Ion Ratio Lower Upper
188 100
94 11.1 8.2 12.2
80 12.6 9.5 14.3

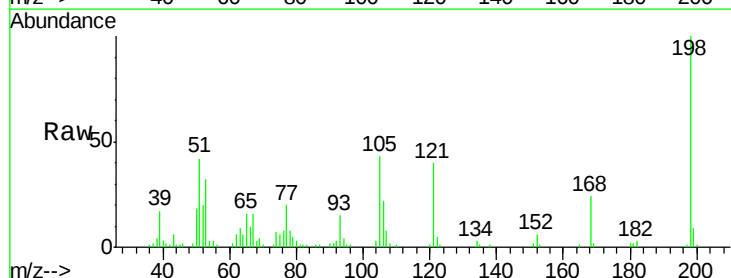


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

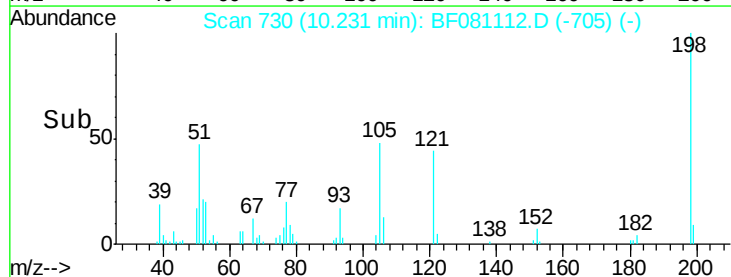
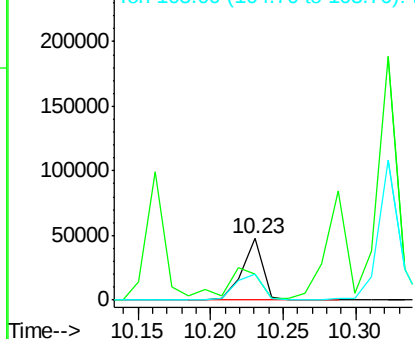


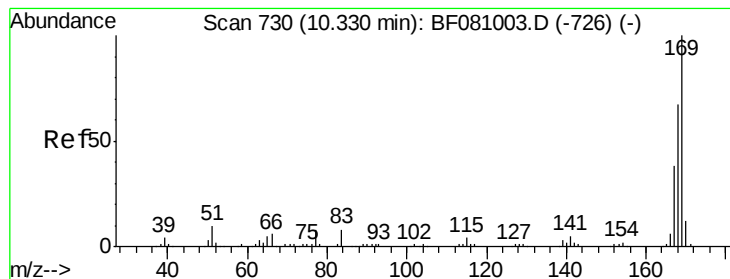
#64
4,6-Dinitro-2-methylphenol
Concen: 33.72 ng
RT: 10.23 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Tgt Ion:198 Resp: 47200
Ion Ratio Lower Upper
198 100
51 41.8 79.7 119.7#
105 42.8 47.0 87.0#



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

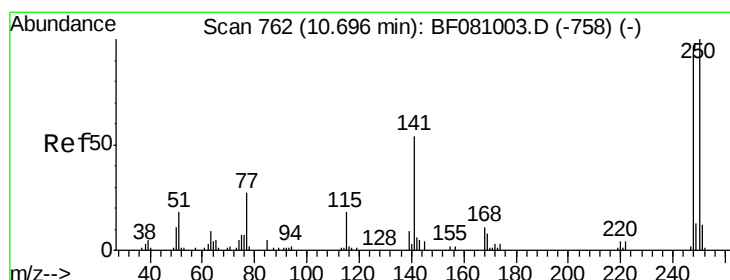
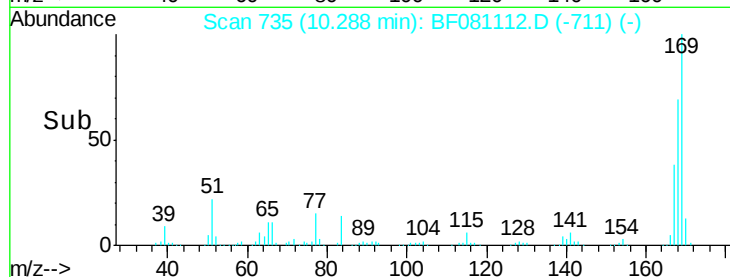
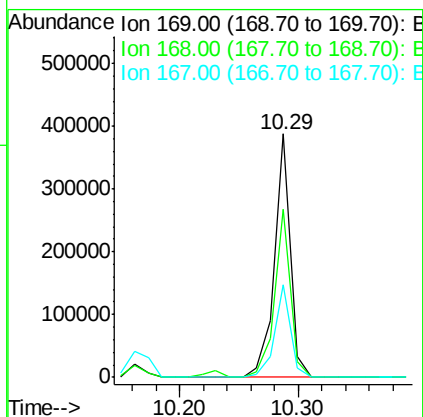
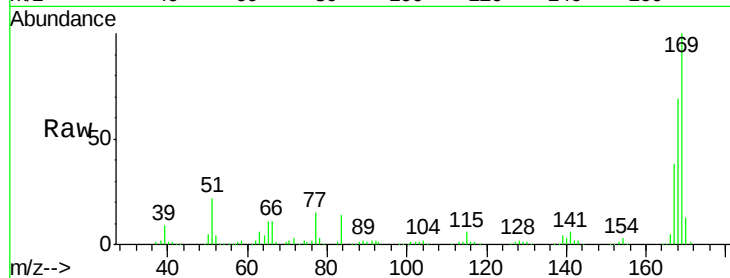




#65
 n-Nitrosodiphenylamine
 Concen: 43.27 ng
 RT: 10.29 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

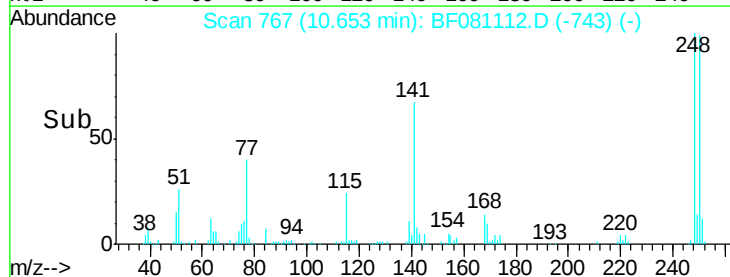
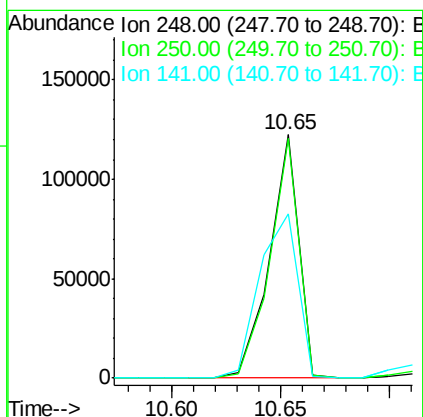
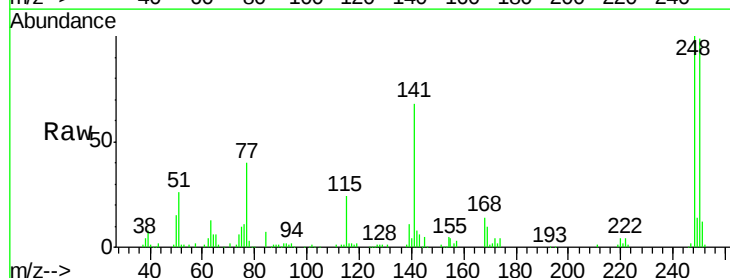
Instrument :
 BNA_F
 ClientSampleId :

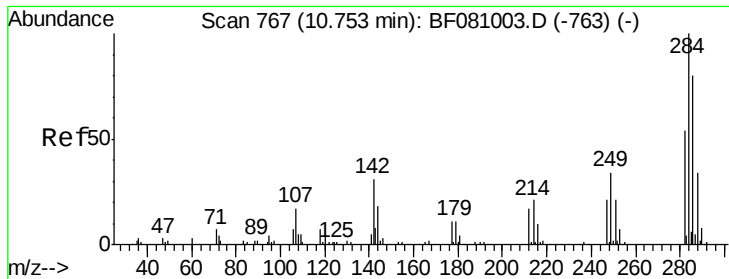
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.9	55.3	82.9
167	38.2	30.8	46.2



#66
 4-Bromophenyl-phenylether
 Concen: 50.30 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.8	116.6
141	67.6	39.8	59.6

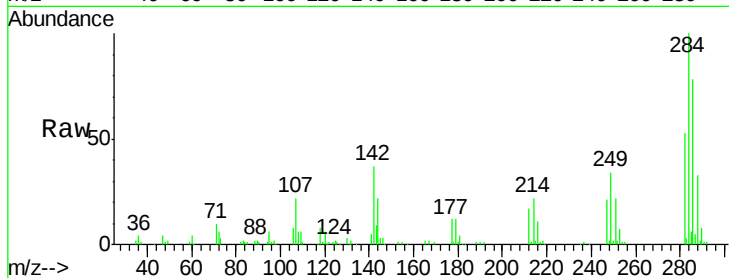




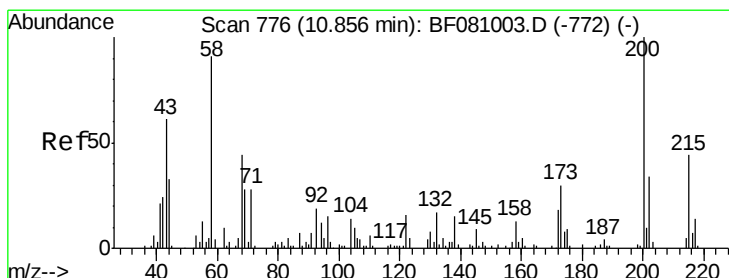
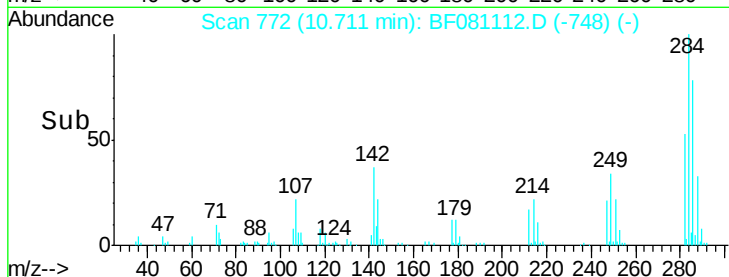
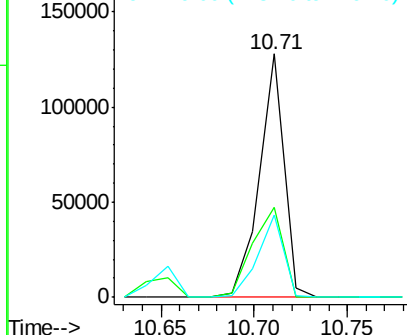
#67
Hexachlorobenzene
Concen: 49.67 ng
RT: 10.71 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 115834
Ion Ratio Lower Upper
284 100
142 36.9 25.4 38.0
249 33.8 28.5 42.7

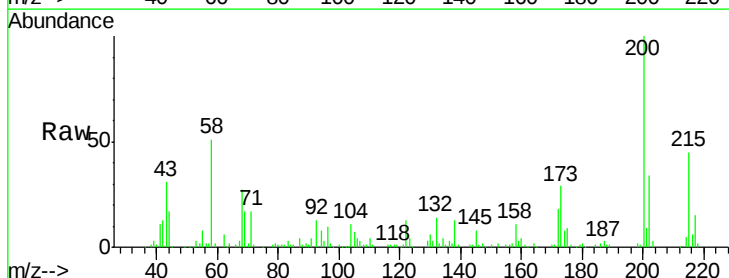


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

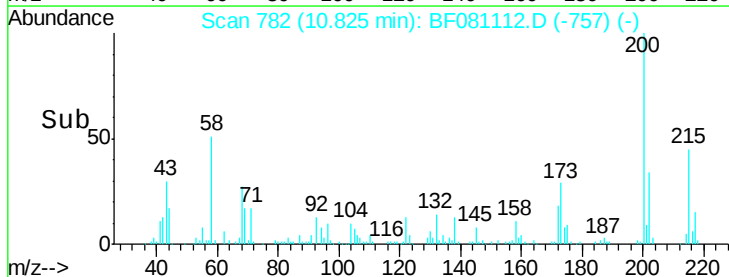
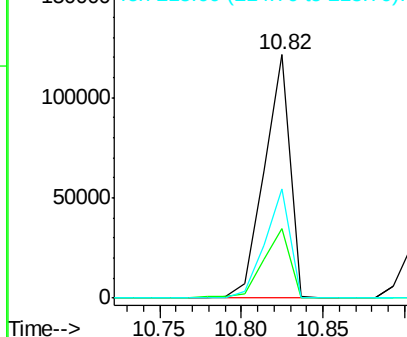


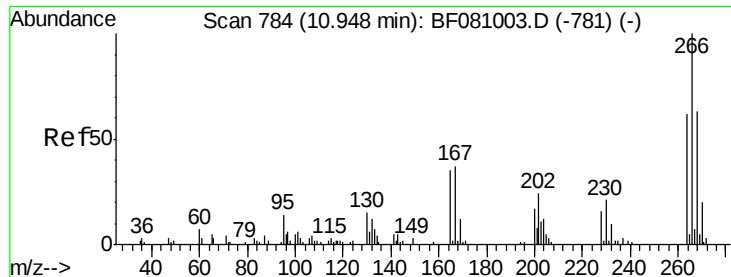
#68
Atrazine
Concen: 57.09 ng
RT: 10.82 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Tgt Ion:200 Resp: 133079
Ion Ratio Lower Upper
200 100
173 28.5 8.1 48.1
215 45.0 23.3 63.3



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

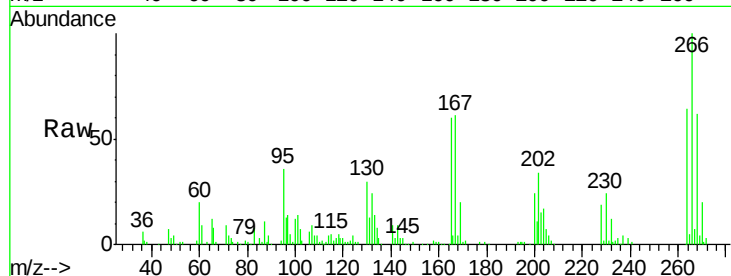




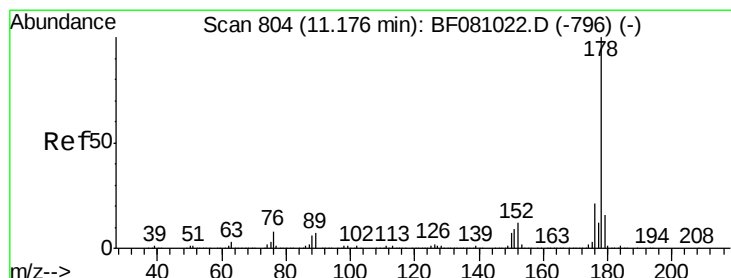
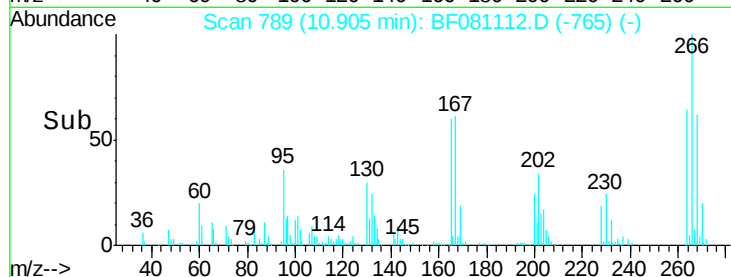
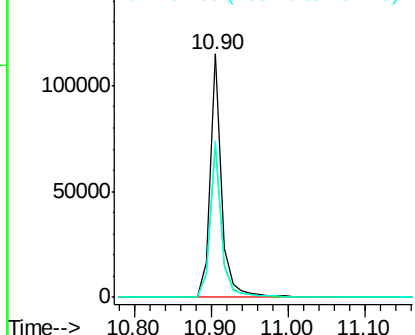
#69
 Pentachlorophenol
 Concen: 83.84 ng
 RT: 10.90 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 117303
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.2 76.8
 264 64.1 50.6 75.8

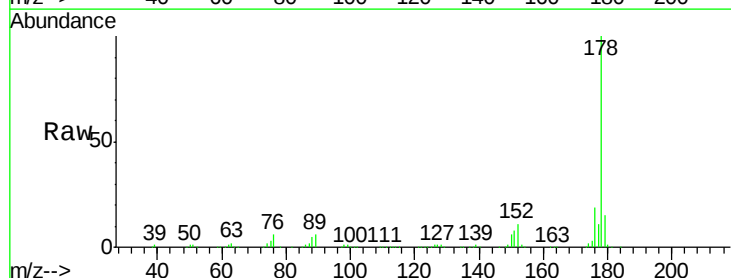


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

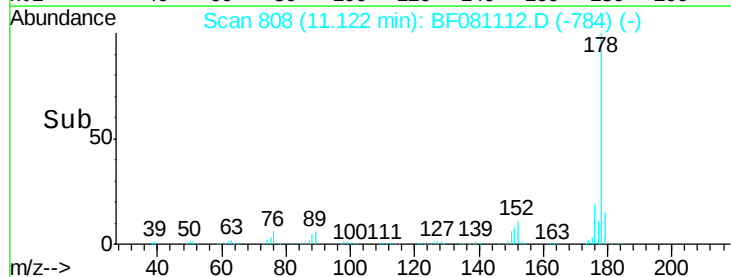
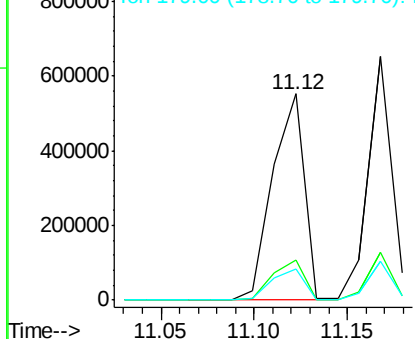


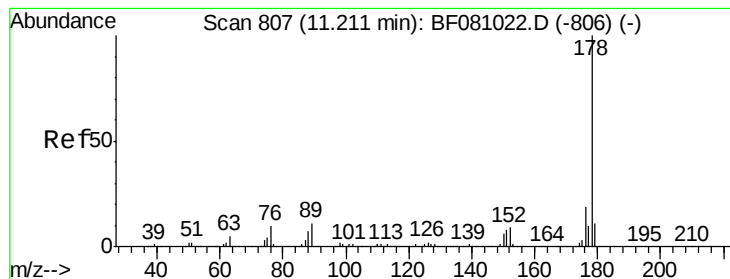
#70
 Phenanthrene
 Concen: 47.22 ng
 RT: 11.12 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

Tgt Ion:178 Resp: 655899
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 15.2 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: 42.47 ng

RT: 11.17 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

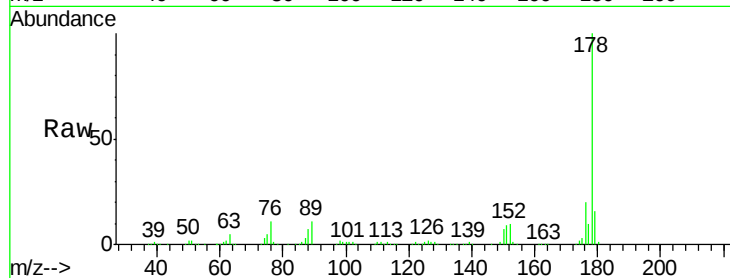
Tot Ion:178 Resp: 574148

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

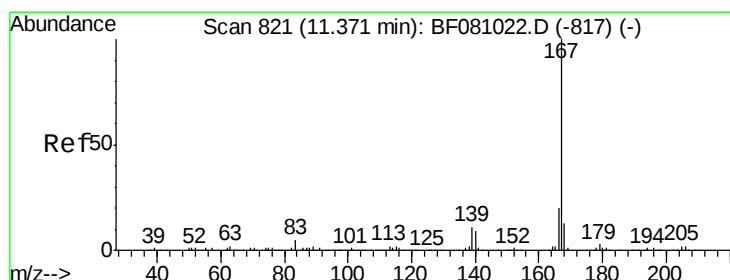
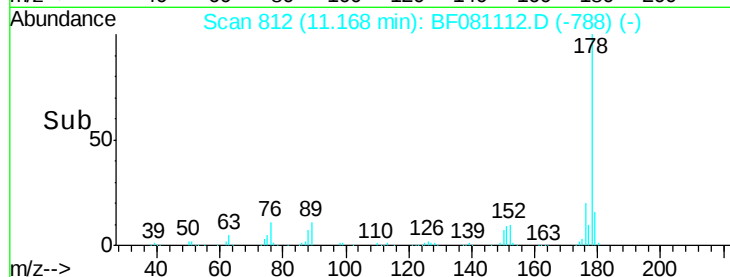
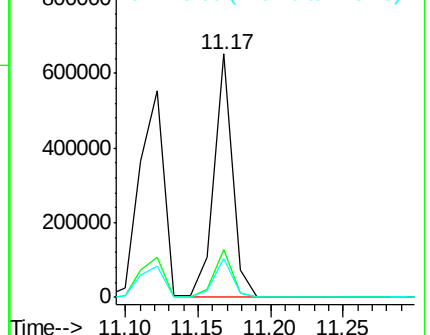
179 15.7 12.7 19.1



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: 48.16 ng

RT: 11.33 min Scan# 826

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

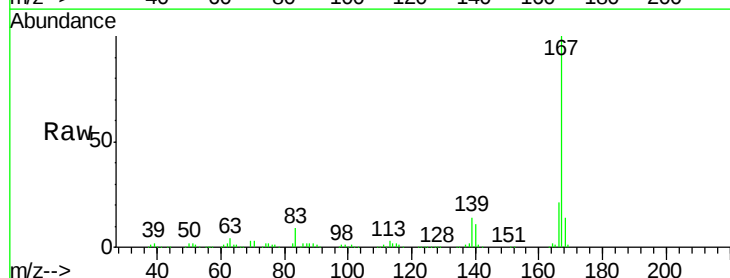
Tgt Ion:167 Resp: 626791

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

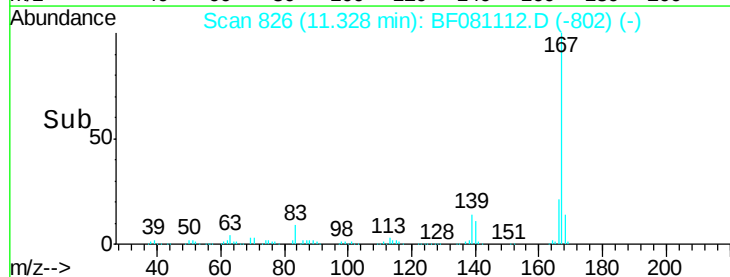
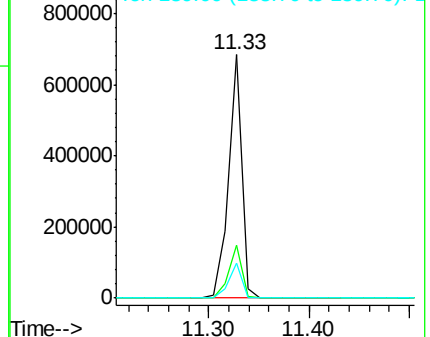
139 14.1 10.6 16.0

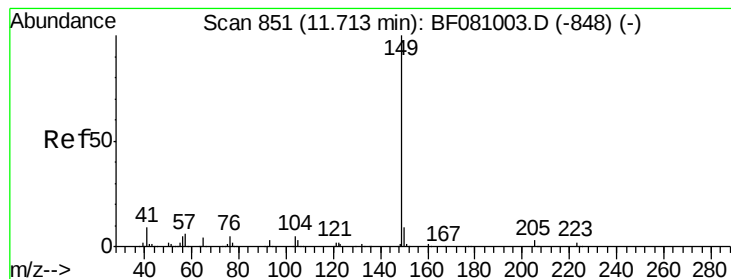


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.10 ng

RT: 11.67 min Scan# 856

Delta R.T. -0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampled :

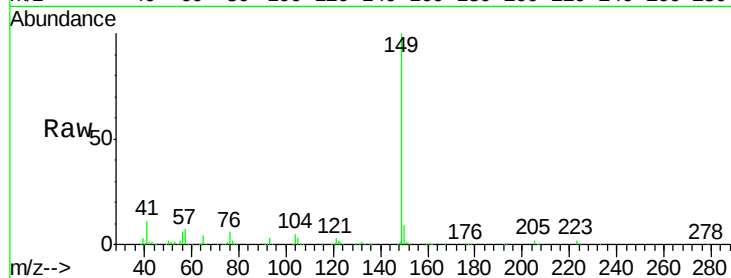
Tot Ion:149 Resp: 710266

Ion Ratio Lower Upper

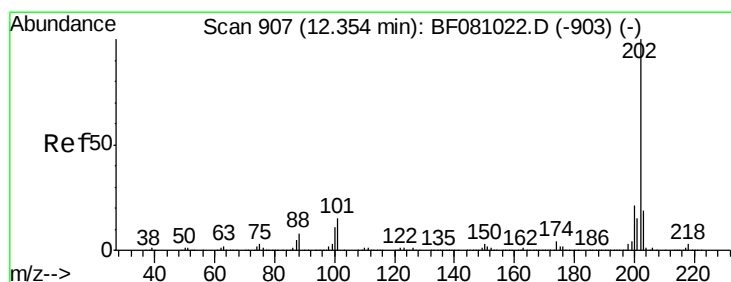
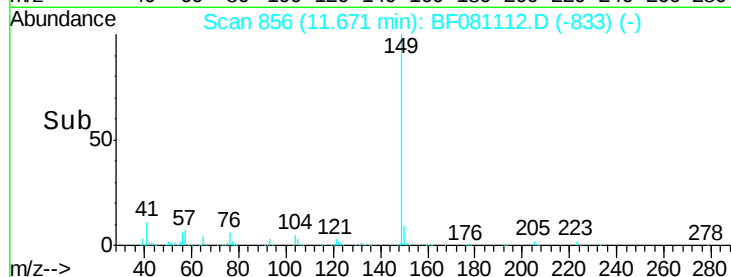
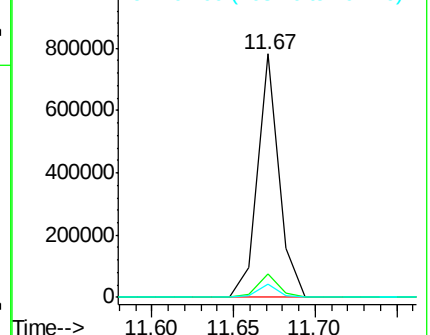
149 100

150 9.5 7.1 10.7

104 5.5 3.9 5.9



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: 44.34 ng

RT: 12.29 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

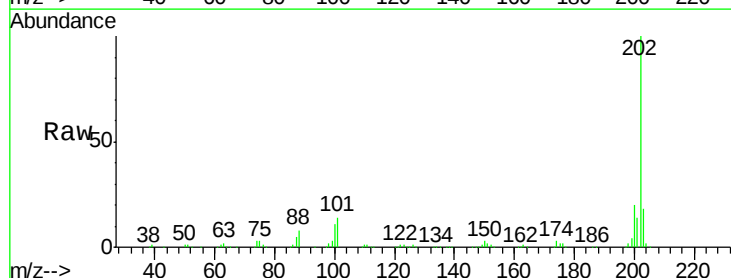
Tgt Ion:202 Resp: 664645

Ion Ratio Lower Upper

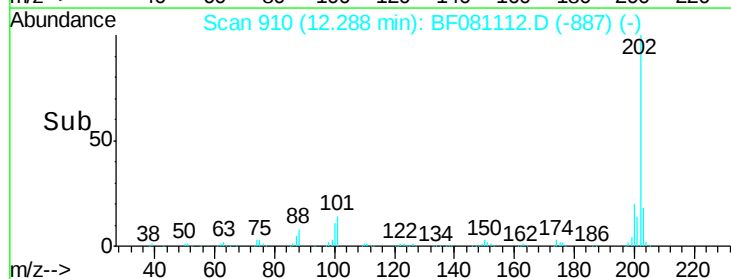
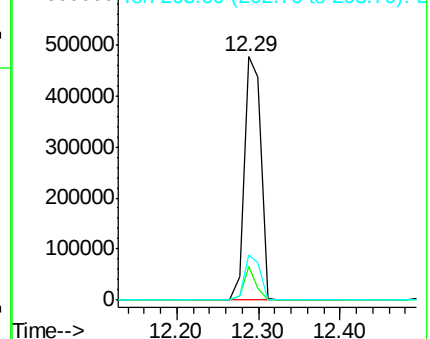
202 100

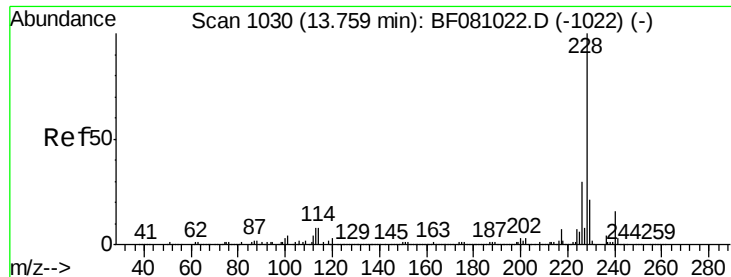
101 13.9 0.0 24.8

203 18.3 0.0 36.9



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: 13.71 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

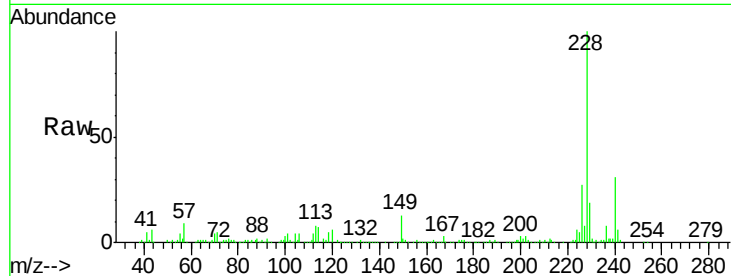
Tot Ion:240 Resp: 176354

Ion Ratio Lower Upper

240 100

120 18.3 5.6 8.4#

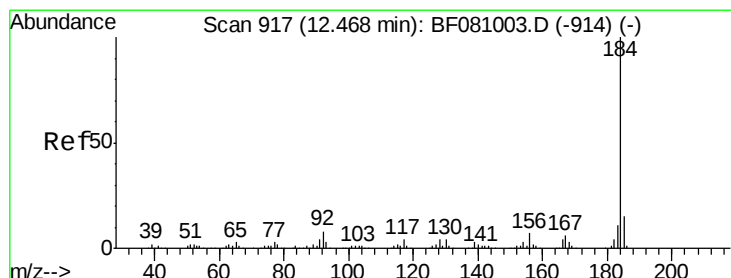
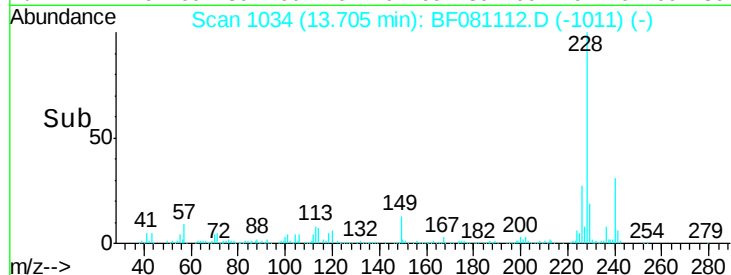
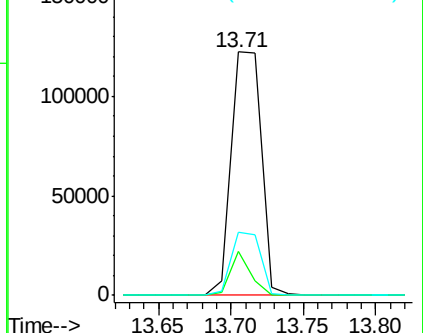
236 25.9 20.6 30.8



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: 19.43 ng

RT: 12.43 min Scan# 922

Delta R.T. -0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

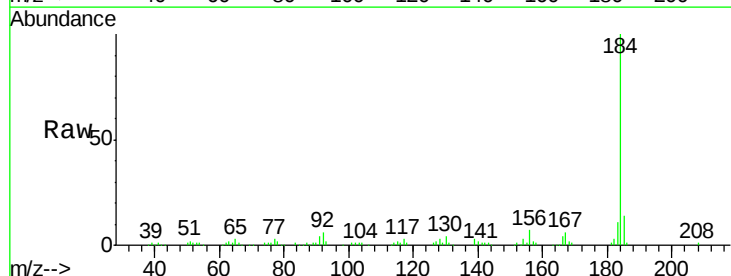
Tgt Ion:184 Resp: 129422

Ion Ratio Lower Upper

184 100

185 14.1 12.0 18.0

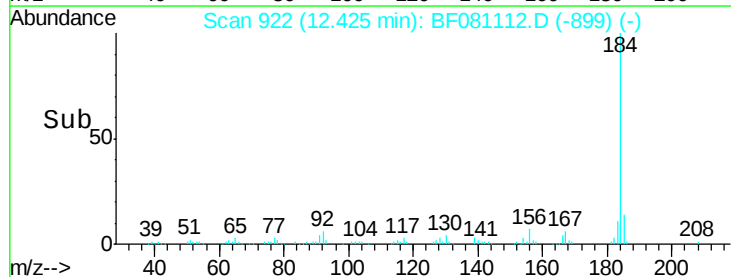
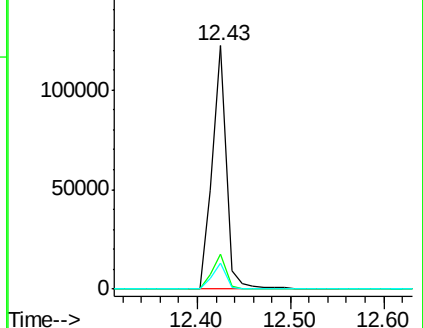
183 10.7 8.9 13.3

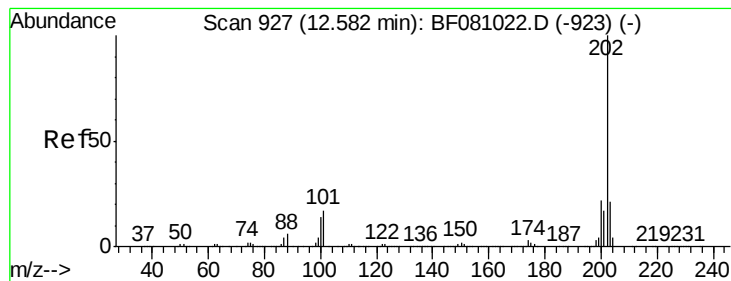


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.27 ng

RT: 12.52 min Scan# 930

Delta R.T. -0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

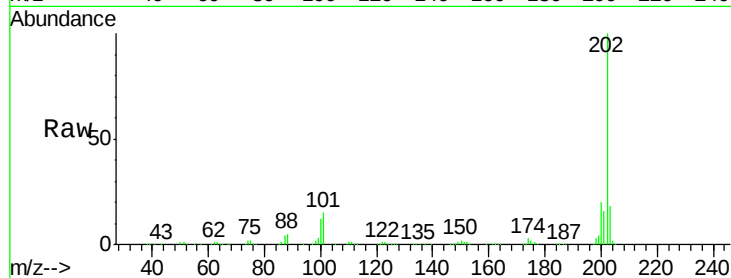
Tot Ion:202 Resp: 648968

Ion Ratio Lower Upper

202 100

200 20.1 16.6 24.8

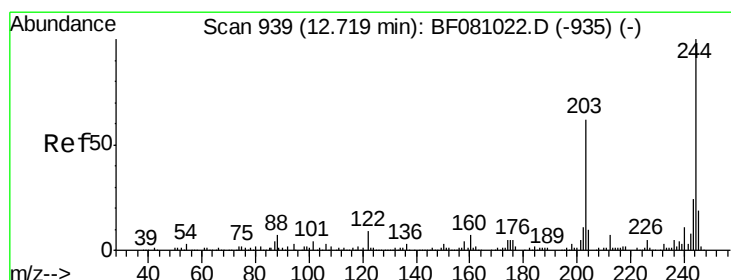
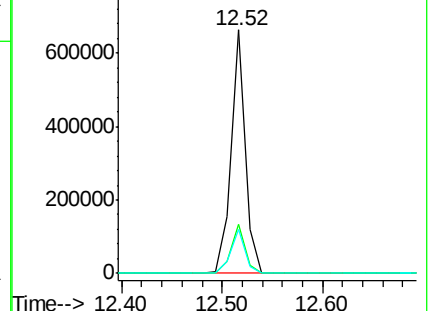
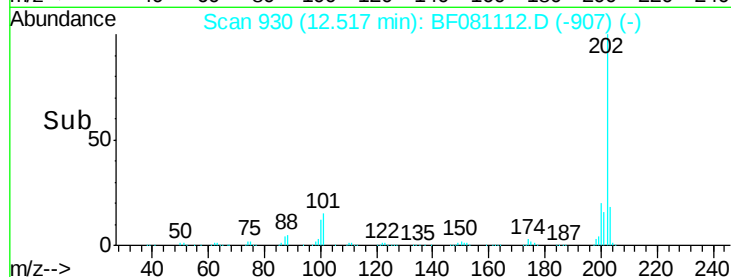
203 18.3 14.1 21.1



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: 93.37 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

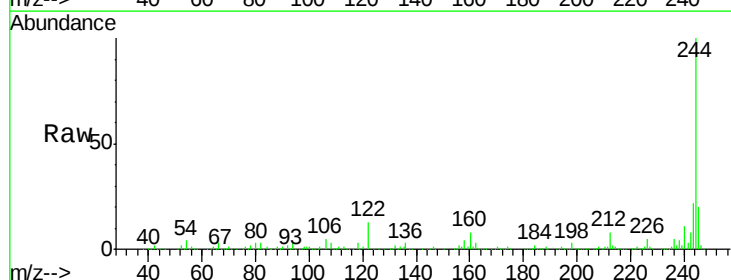
Tgt Ion:244 Resp: 768071

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

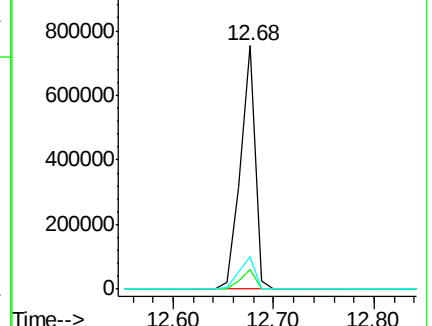
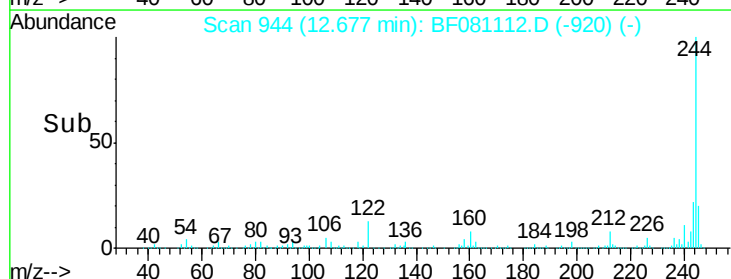
122 13.4 8.2 12.4#

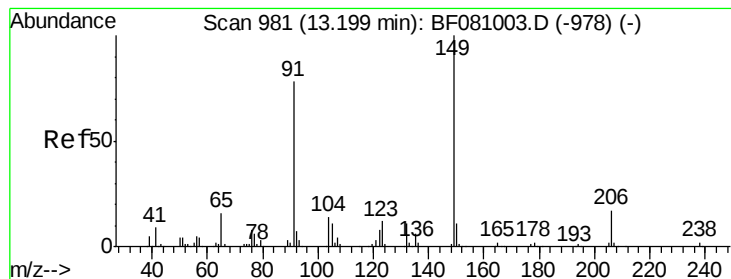


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 56.73 ng

RT: 13.16 min Scan# 986

Delta R.T. -0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampled :

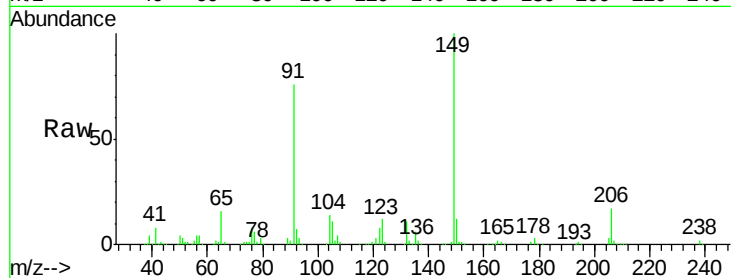
Tot Ion:149 Resp: 349615

Ion Ratio Lower Upper

149 100

91 76.1 46.9 70.3#

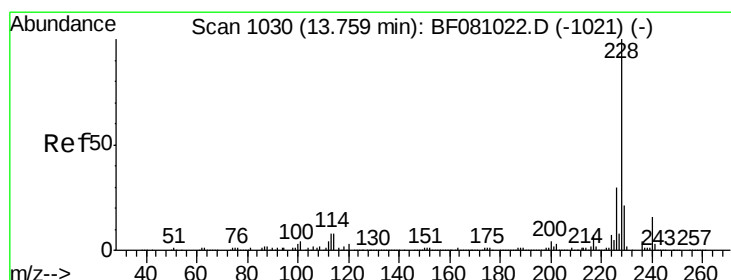
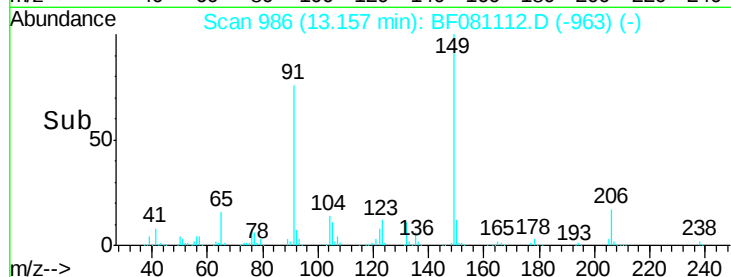
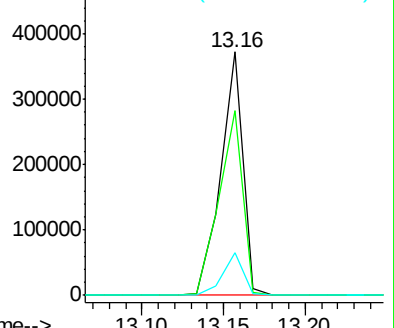
206 17.3 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 51.70 ng

RT: 13.69 min Scan# 1033

Delta R.T. -0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

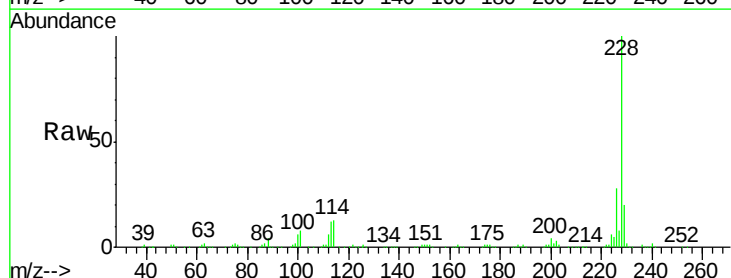
Tgt Ion:228 Resp: 611505

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

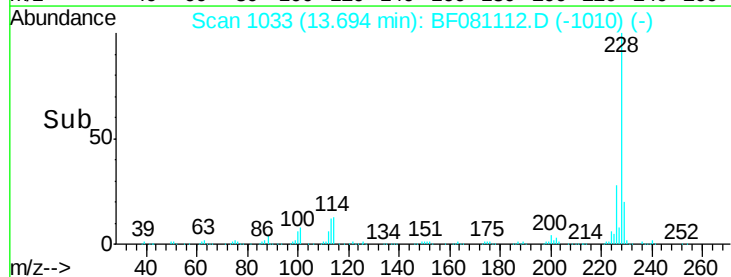
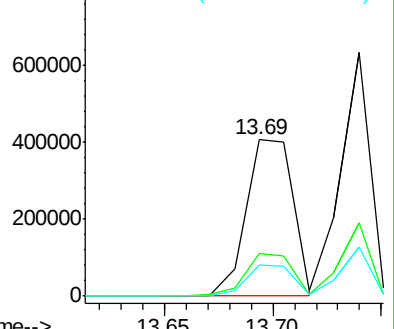
229 19.7 15.9 23.9

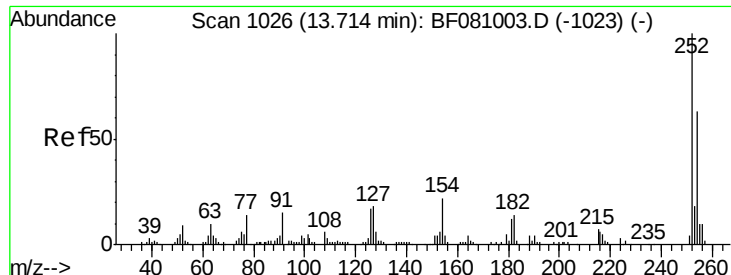


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

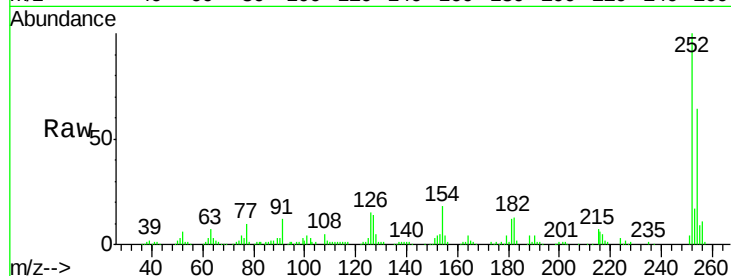




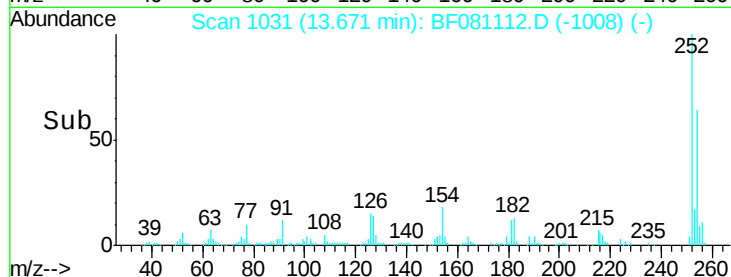
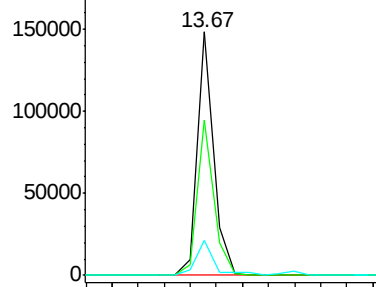
#81
 3,3'-Dichlorobenzidine
 Concen: 33.90 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.04 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

Instrument :
 BNA_F
 ClientSampleId :

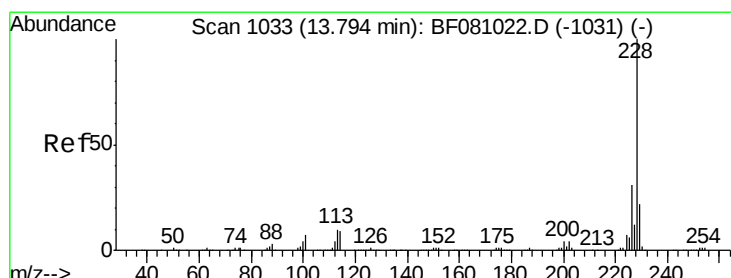
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	14.5	12.5	18.7



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

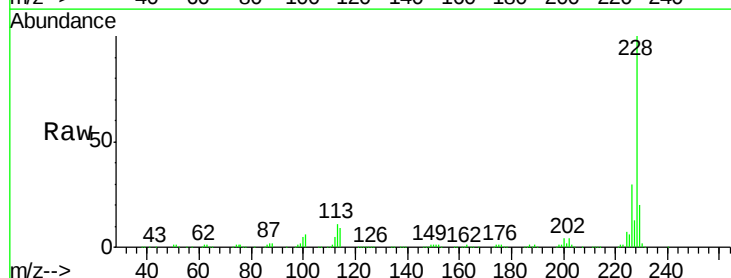


Time-->

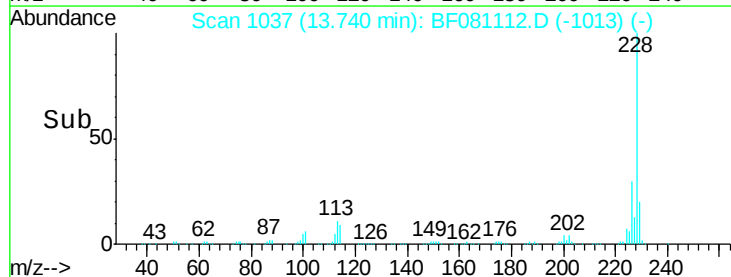
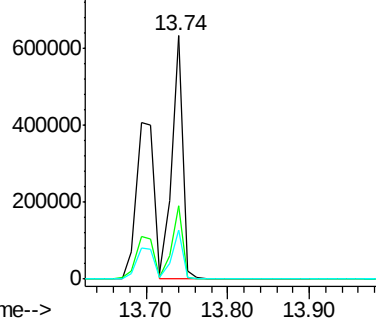


#82
 Chrysene
 Concen: 55.88 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

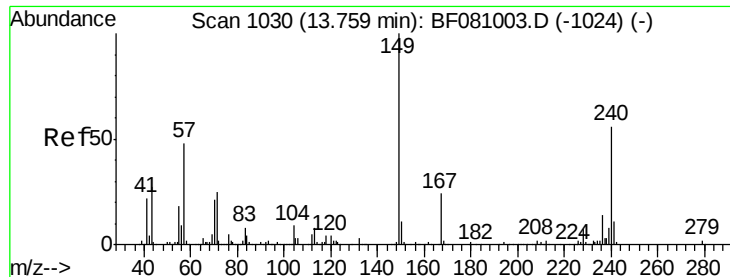
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	20.0	16.0	24.0



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



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 55.94 ng

RT: 13.72 min Scan# 1035

Delta R.T. -0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

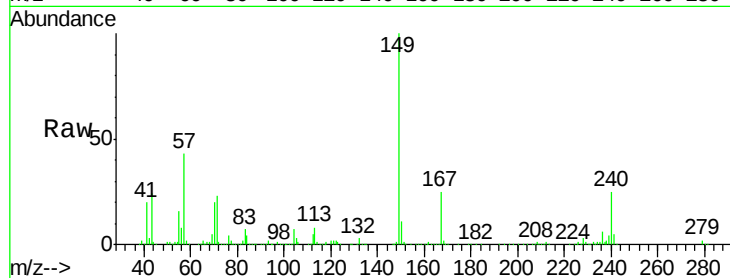
Tot Ion:149 Resp: 441584

Ion Ratio Lower Upper

149 100

167 24.5 20.7 31.1

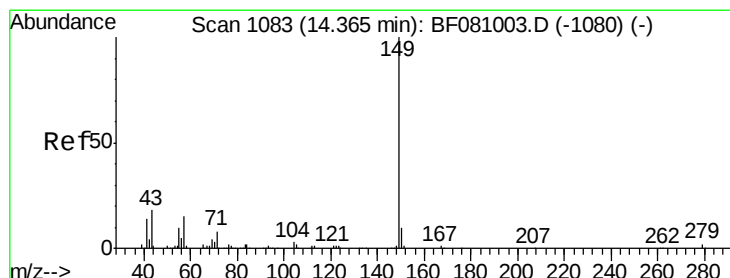
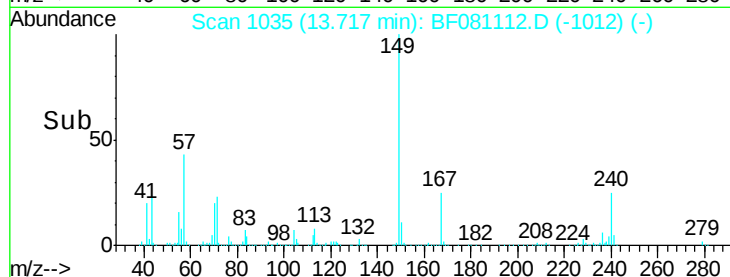
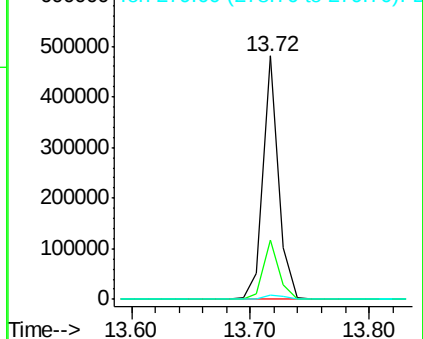
279 1.7 2.2 3.4#



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: 61.92 ng

RT: 14.32 min Scan# 1088

Delta R.T. -0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

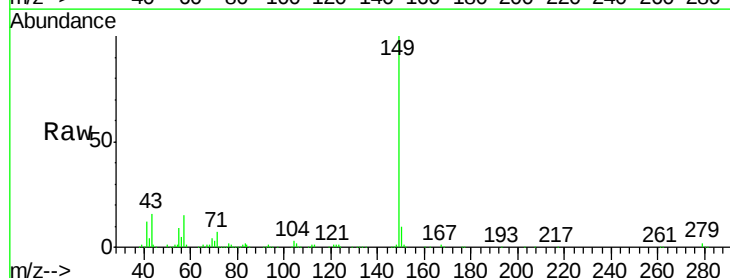
Tgt Ion:149 Resp: 742873

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

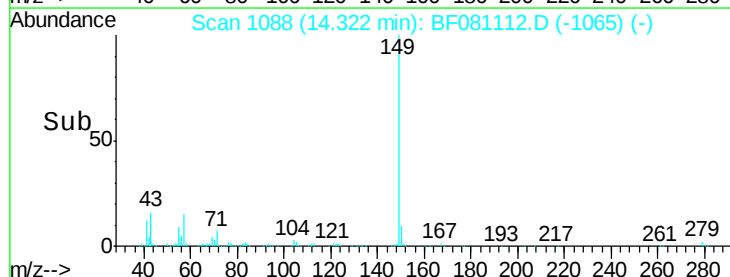
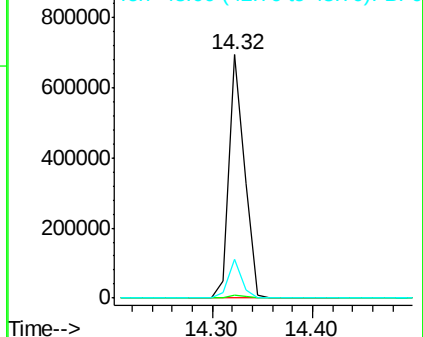
43 13.8 11.6 17.4

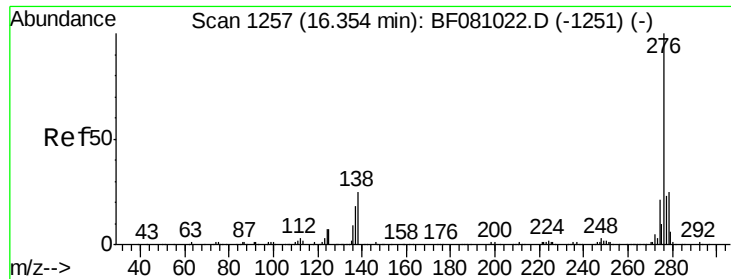


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

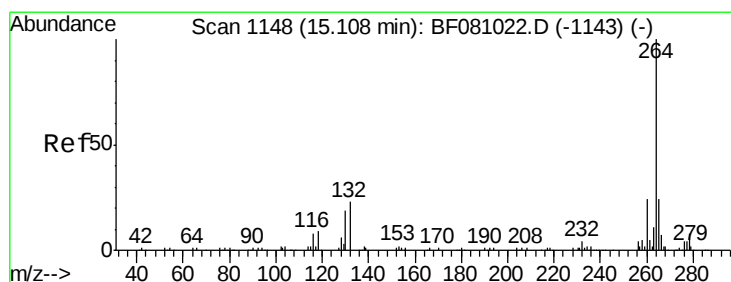
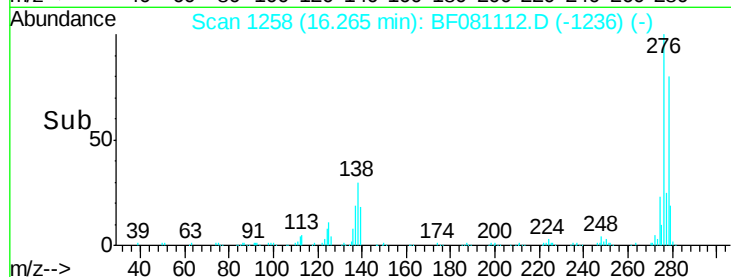
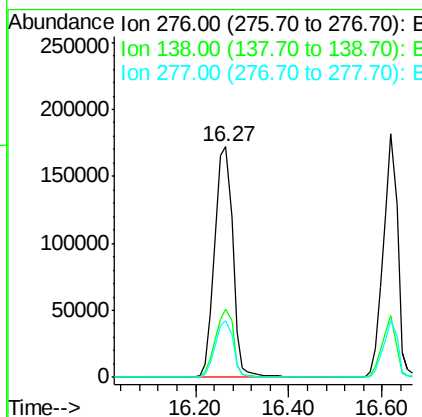
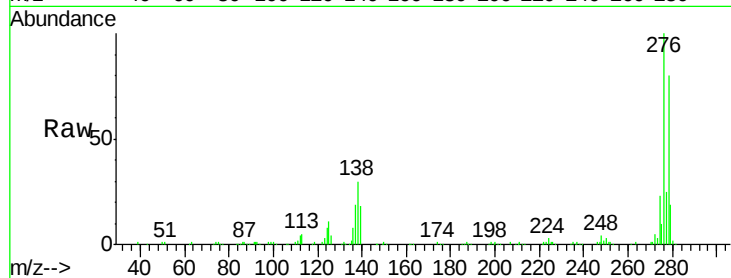




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 62.43 ng
 RT: 16.27 min Scan# 1258
 Delta R.T. -0.05 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

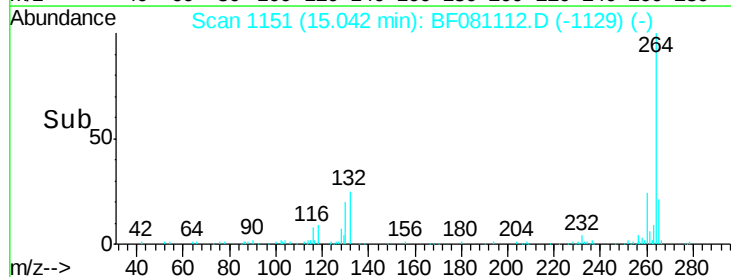
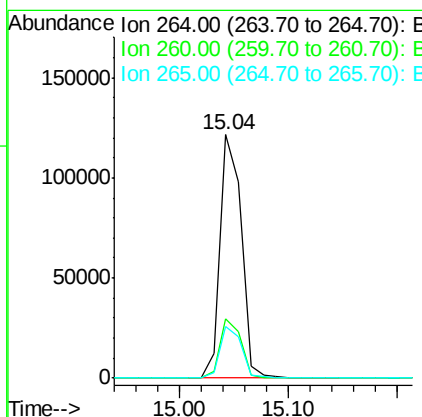
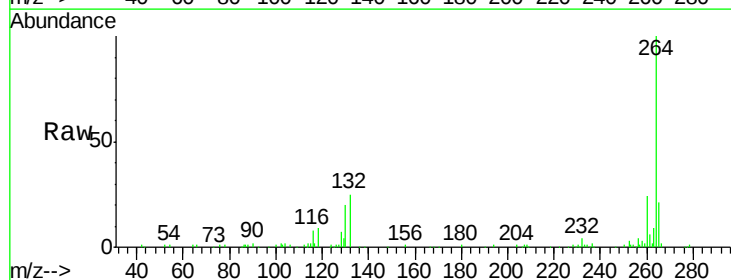
Instrument :
 BNA_F
 ClientSampleId :

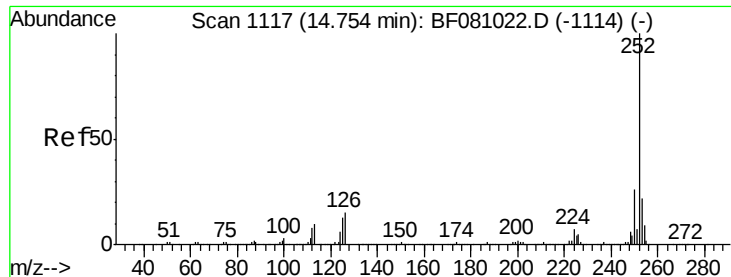
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	18.6	28.0#
277	24.3	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081112.D
 Acq: 20 Aug 2015 7:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 91.89 ng

RT: 14.72 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

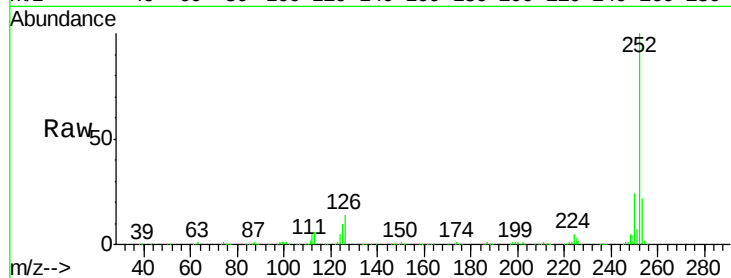
Tot Ion:252 Resp: 1076684

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

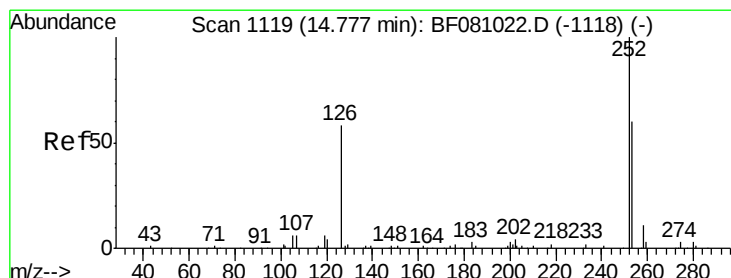
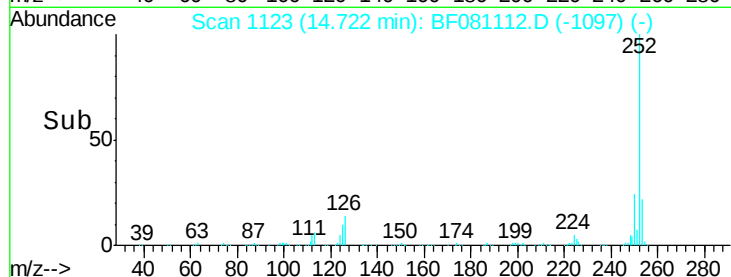
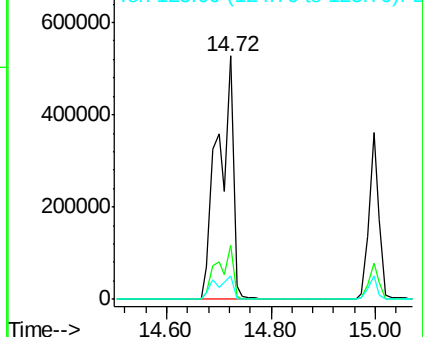
125 9.6 8.0 12.0



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



#88

Benzo(k)fluoranthene

Concen: 98.62 ng

RT: 14.72 min Scan# 1123

Delta R.T. -0.04 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

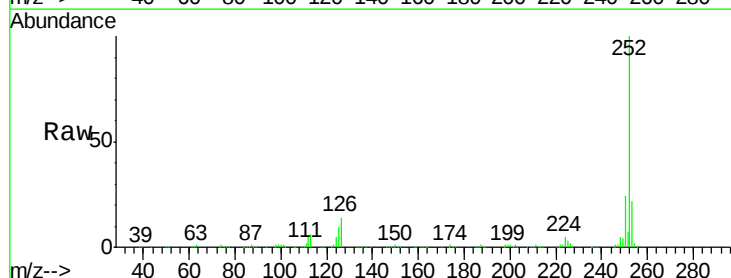
Tgt Ion:252 Resp: 1076699

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

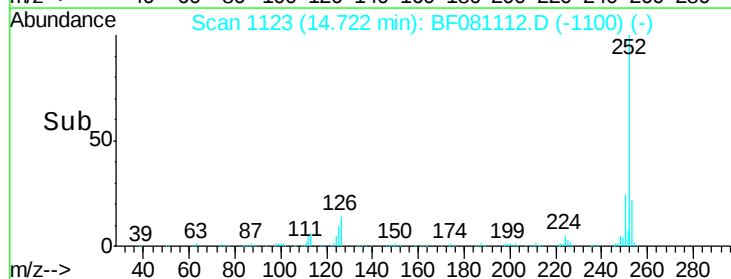
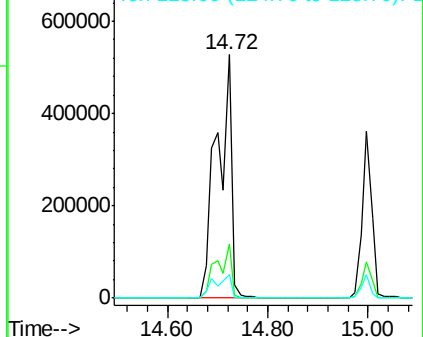
125 9.6 10.3 15.5#

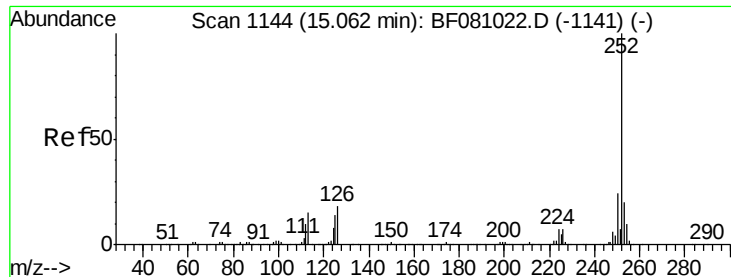


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

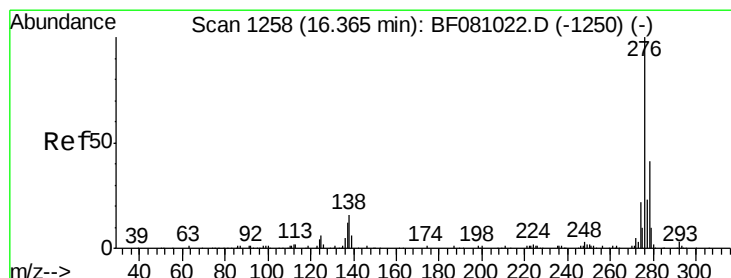
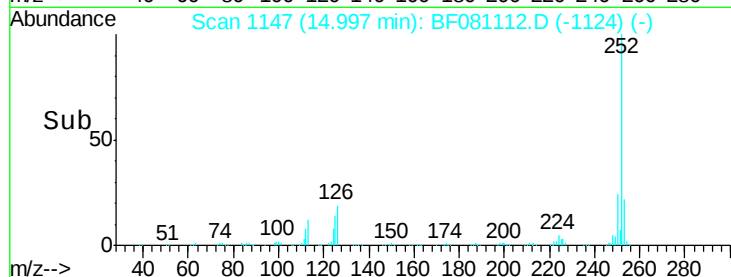
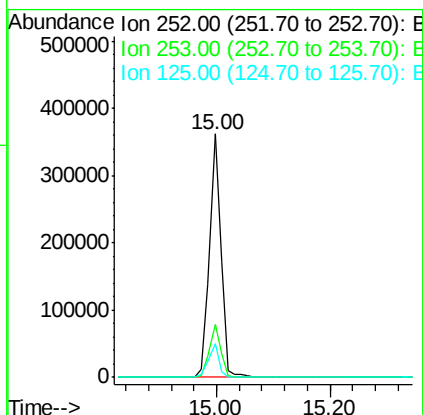
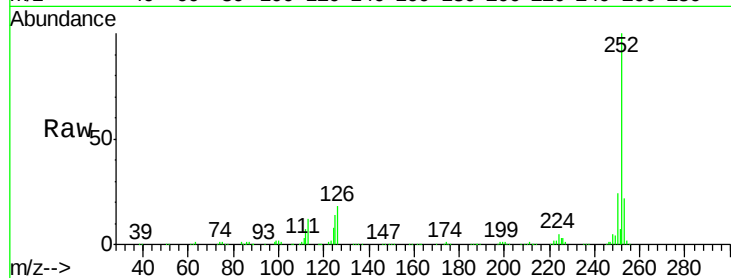




#89
Benzo(a)pyrene
Concen: 47.99 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.04 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

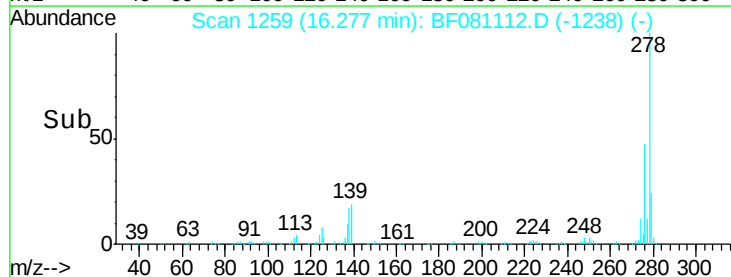
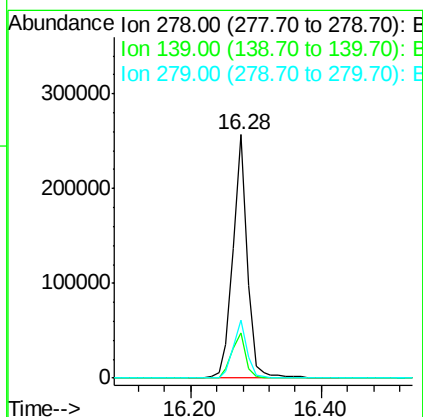
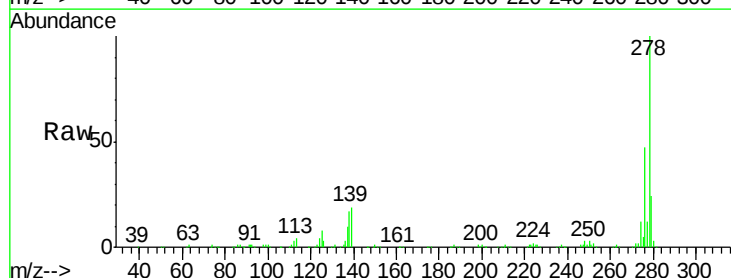
Instrument :
BNA_F
ClientSampleId :

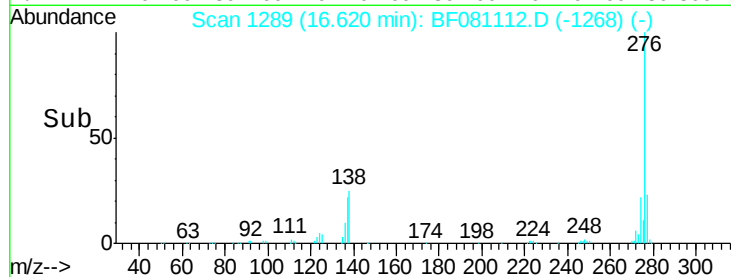
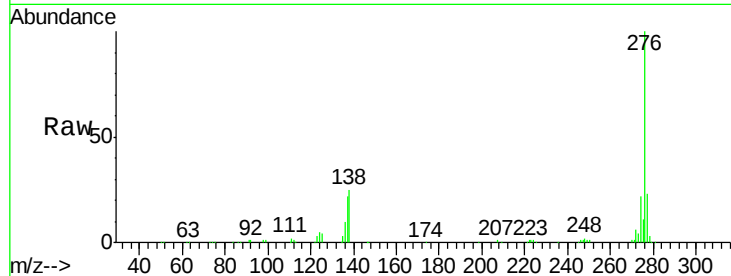
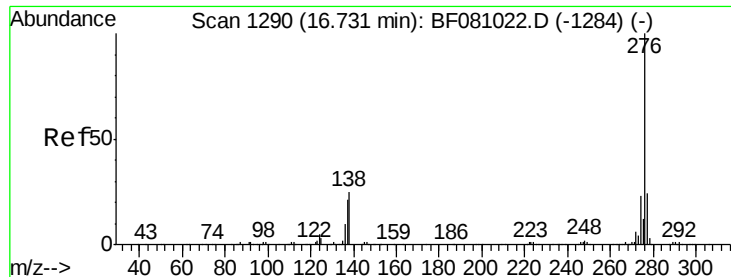
Tot Ion:252 Resp: 489960
Ion Ratio Lower Upper
252 100
253 21.9 16.6 25.0
125 13.7 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 49.00 ng
RT: 16.28 min Scan# 1259
Delta R.T. -0.07 min
Lab File: BF081112.D
Acq: 20 Aug 2015 7:15

Tgt Ion:278 Resp: 389815
Ion Ratio Lower Upper
278 100
139 18.6 10.8 16.2#
279 23.6 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 48.00 ng

RT: 16.62 min Scan# 1289

Delta R.T. -0.07 min

Lab File: BF081112.D

Acq: 20 Aug 2015 7:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 387393

Ion Ratio Lower Upper

276 100

277 23.1 18.2 27.2

138 25.3 13.7 20.5#

