

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081221.D
 Acq On : 26 Aug 2015 19:45
 Operator : UM/IZ
 Sample : PB85191BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 00:40:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	46802	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	185241	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	82415	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	169237	20.00	ng	-0.02
75) Chrysene-d12	13.64	240	126368	20.00	ng	-0.02
86) Perylene-d12	14.95	264	109473	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.09	112	258766	83.16	ng	-0.01
7) Phenol-d6	6.17	99	338504	83.38	ng	-0.02
23) Nitrobenzene-d5	7.09	82	294959	72.74	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	57151	80.00	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	473250	75.24	ng	-0.02
78) Terphenyl-d14	12.59	244	413900	70.22	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.97	88	44962	30.66	ng	94
3) Pyridine	2.56	79	132154	31.93	ng	# 81
4) n-Nitrosodimethylamine	2.51	42	80170	34.79	ng	# 74
6) Aniline	6.17	93	125527	21.26	ng	# 53
8) 2-Chlorophenol	6.30	128	132812	38.99	ng	97
9) Benzaldehyde	6.06	77	27156	10.38	ng	83
10) Phenol	6.18	94	192822	40.21	ng	81
11) bis(2-Chloroethyl)ether	6.26	93	139299	37.86	ng	93
12) 1,3-Dichlorobenzene	6.46	146	132514	36.21	ng	96
13) 1,4-Dichlorobenzene	6.54	146	136841	37.76	ng	99
14) 1,2-Dichlorobenzene	6.69	146	126398	37.27	ng	96
15) Benzyl Alcohol	6.67	79	122095	37.17	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.81	45	254988	35.27	ng	98
17) 2-Methylphenol	6.80	107	114237	39.09	ng	94
18) Hexachloroethane	7.03	117	53709	36.68	ng	96
19) n-Nitroso-di-n-propylamine	6.95	70	98788	35.13	ng	92
20) 3+4-Methylphenols	6.96	107	145539	39.24	ng	# 42
22) Acetophenone	6.94	105	192057	39.49	ng	# 86
24) Nitrobenzene	7.11	77	162924	38.43	ng	98
25) Isophorone	7.35	82	264416	34.97	ng	99
26) 2-Nitrophenol	7.43	139	71853	40.75	ng	# 67
27) 2,4-Dimethylphenol	7.49	122	120146	38.52	ng	88
28) bis(2-Chloroethoxy)methane	7.58	93	178088	39.86	ng	98
29) 2,4-Dichlorophenol	7.67	162	100604	38.31	ng	90
30) 1,2,4-Trichlorobenzene	7.75	180	106192	36.38	ng	98
31) Naphthalene	7.83	128	384874	37.27	ng	99
32) Benzoic acid	7.61	122	69183	39.43	ng	93
33) 4-Chloroaniline	7.89	127	57491	13.20	ng	# 87
34) Hexachlorobutadiene	7.95	225	62063	37.60	ng	97
35) Caprolactam	8.26	113	29491	32.13	ng	# 54
36) 4-Chloro-3-methylphenol	8.38	107	122167	39.03	ng	99
37) 2-Methylnaphthalene	8.51	142	237486	36.41	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	101906	38.32	ng	98
40) Hexachlorocyclopentadiene	8.67	237	108533	78.86	ng	97

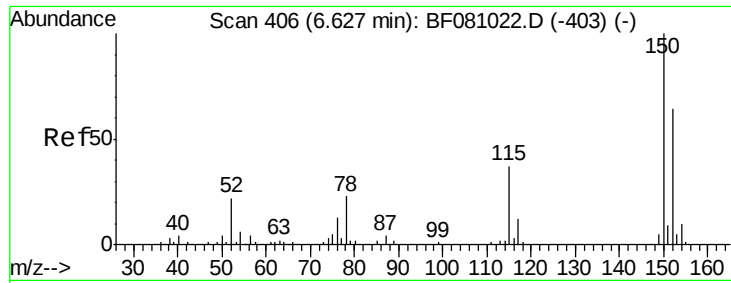
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	74801	39.82	nq	99
43) 2,4,5-Trichlorophenol	8.85	196	75496	40.21	nq	97
45) 1,1'-Biphenyl	8.98	154	317970	43.80	nq	98
46) 2-Chloronaphthalene	8.99	162	215058	36.88	nq	# 90
47) 2-Nitroaniline	9.10	65	90758	38.03	nq	97
48) Acenaphthylene	9.41	152	336432	32.25	nq	98
49) Dimethylphthalate	9.29	163	244575	36.03	nq	99
50) 2,6-Dinitrotoluene	9.35	165	54380	37.32	nq	# 73
51) Acenaphthene	9.58	154	198044	31.71	nq	99
52) 3-Nitroaniline	9.51	138	38296	21.00	nq	99
53) 2,4-Dinitrophenol	9.62	184	57139	71.93	nq	# 70
54) Dibenzofuran	9.75	168	290111	34.66	nq	92
55) 4-Nitrophenol	9.69	139	87165	68.06	nq	# 82
56) 2,4-Dinitrotoluene	9.75	165	70497	36.50	nq	# 63
57) Fluorene	10.09	166	248083	38.53	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.83	232	55405	38.13	nq	97
59) Diethylphthalate	9.99	149	278845	38.81	nq	97
60) 4-Chlorophenyl-phenylether	10.09	204	112478	41.29	nq	95
61) 4-Nitroaniline	10.13	138	73710	39.55	nq	89
62) Azobenzene	10.25	77	341041	41.20	nq	92
64) 4,6-Dinitro-2-methylphenol	10.15	198	33755	33.40	nq	87
65) n-Nitrosodiphenylamine	10.22	169	228165	37.77	nq	97
66) 4-Bromophenyl-phenylether	10.57	248	59985	36.08	nq	# 69
67) Hexachlorobenzene	10.63	284	61702	36.65	nq	# 77
68) Atrazine	10.74	200	62702	37.25	nq	99
69) Pentachlorophenol	10.83	266	72538	71.80	nq	97
70) Phenanthrene	11.04	178	371269	37.02	nq	99
71) Anthracene	11.09	178	359344	36.82	nq	99
72) Carbazole	11.25	167	348715	37.11	nq	98
73) Di-n-butylphthalate	11.60	149	455980	40.10	nq	99
74) Fluoranthene	12.22	202	420565	38.86	nq	97
76) Benzidine	12.34	184	164870	34.54	nq	98
77) Pyrene	12.43	202	386186	37.59	nq	99
79) Butylbenzylphthalate	13.07	149	175996	39.86	nq	# 66
80) Benzo(a)anthracene	13.62	228	351324	41.46	nq	98
81) 3,3'-Dichlorobenzidine	13.59	252	59684	21.74	nq	98
82) Chrysene	13.66	228	347280	45.47	nq	100
83) Bis(2-ethylhexyl)phthalate	13.65	149	250303	44.25	nq	100
84) Di-n-octyl phthalate	14.25	149	417429	48.56	nq	97
85) Indeno(1,2,3-cd)pyrene	16.12	276	259431	48.38	nq	# 93
87) Benzo(b)fluoranthene	14.64	252	576653	74.47	nq	# 95
88) Benzo(k)fluoranthene	14.64	252	576653	79.92	nq	# 93
89) Benzo(a)pyrene	14.90	252	264476	39.20	nq	# 95
90) Dibenzo(a,h)anthracene	16.14	278	210282	40.00	nq	99
91) Benzo(g,h,i)perylene	16.47	276	209622	39.30	nq	# 95

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

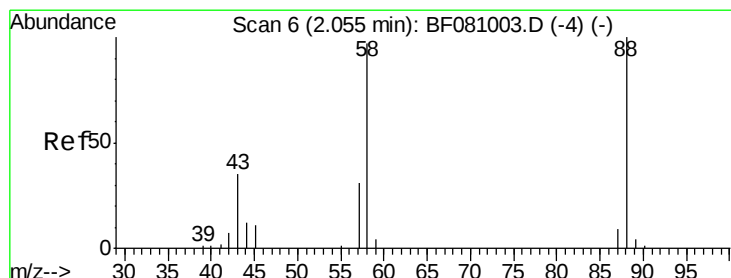
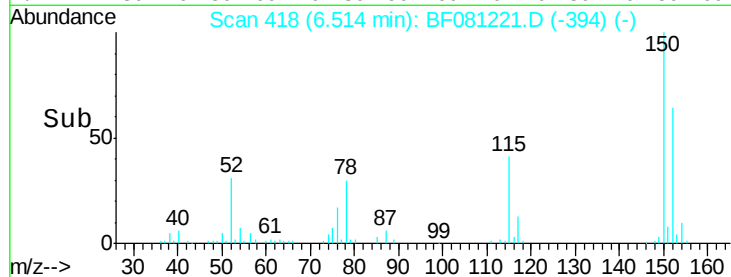
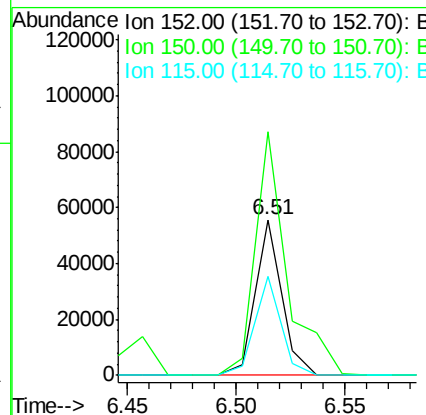
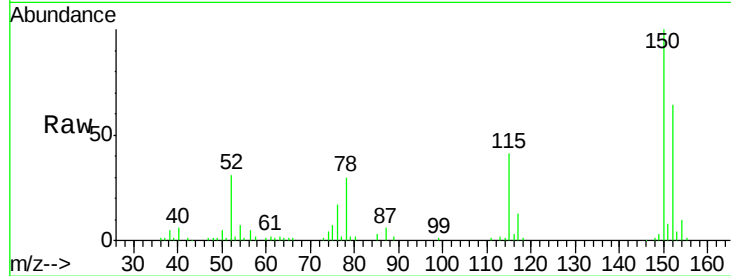


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Instrument :
BNA_F
ClientSampled :

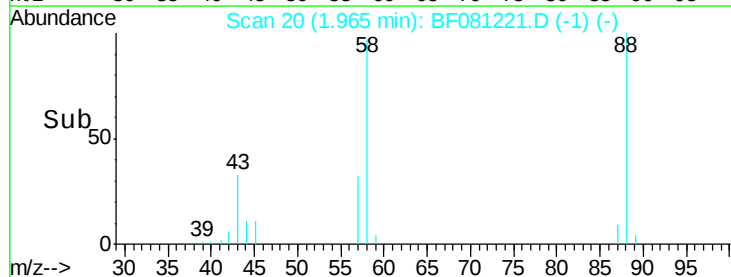
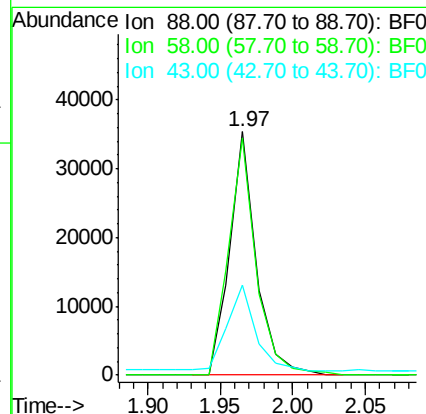
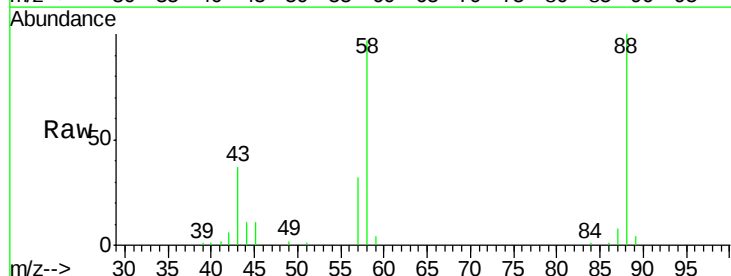
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.8	185.6
115	63.5	52.1	78.1

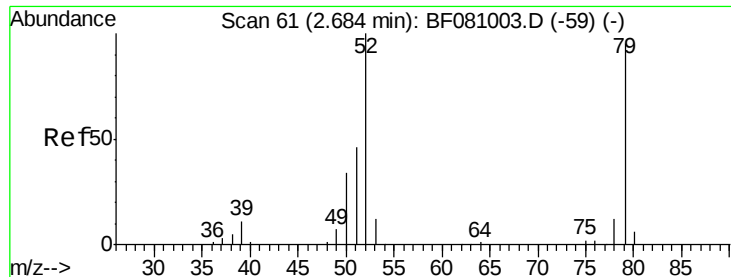


#2

1,4-Dioxane
Concen: 30.66 ng
RT: 1.97 min Scan# 20
Delta R.T. 0.03 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.1	83.7	125.5
43	38.5	37.5	56.3





#3

Pvridine

Concen: 31.93 ng

RT: 2.56 min Scan# 72

Delta R.T. 0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampled :

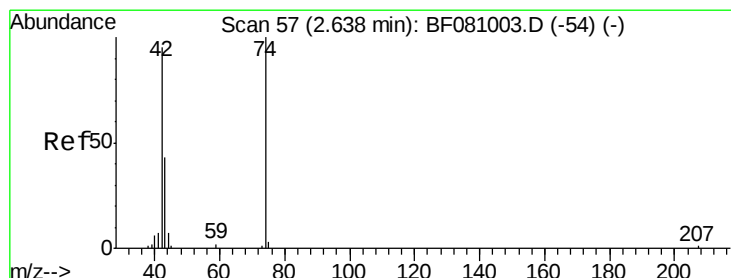
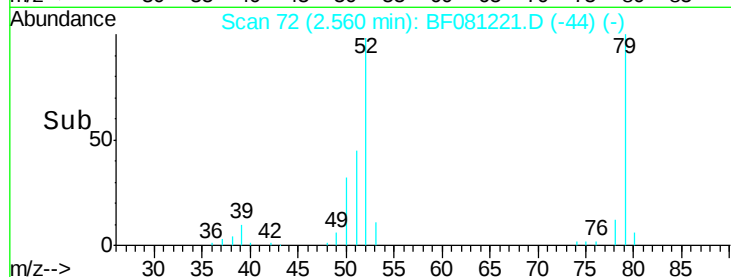
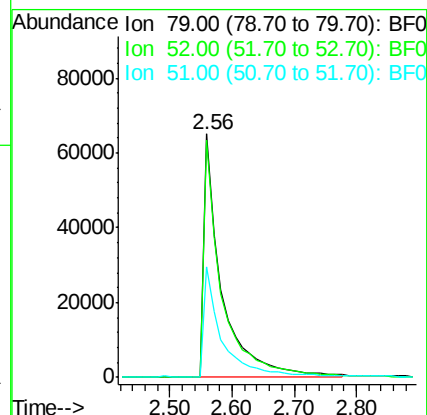
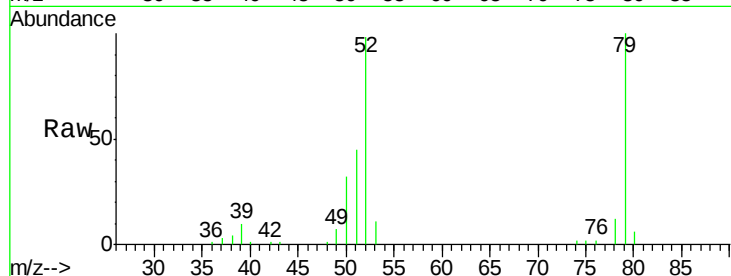
Tot Ion: 79 Resp: 132154

Ion Ratio Lower Upper

79 100

52 97.6 95.1 142.7

51 45.3 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 34.79 ng

RT: 2.51 min Scan# 68

Delta R.T. 0.01 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

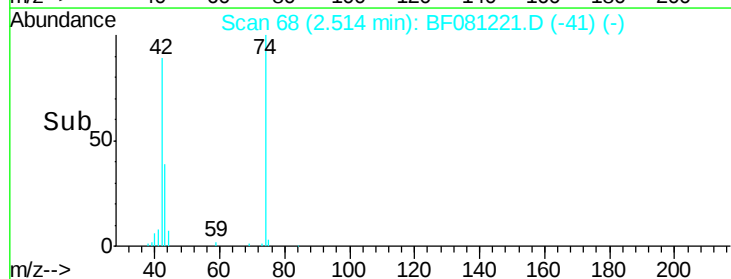
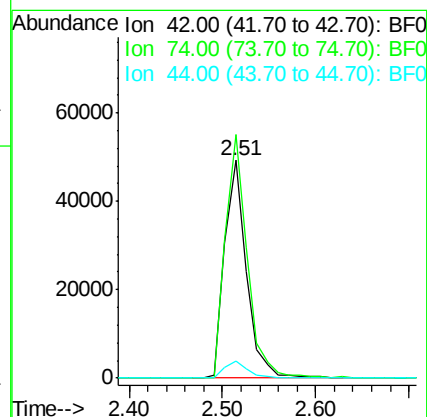
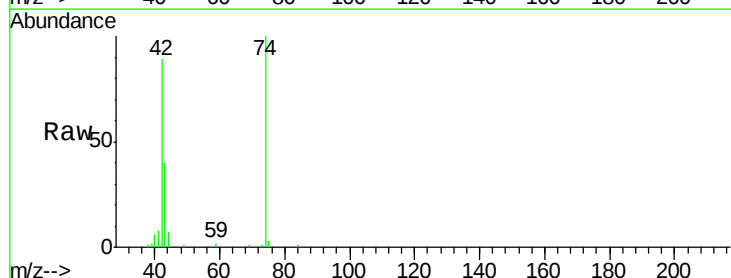
Tgt Ion: 42 Resp: 80170

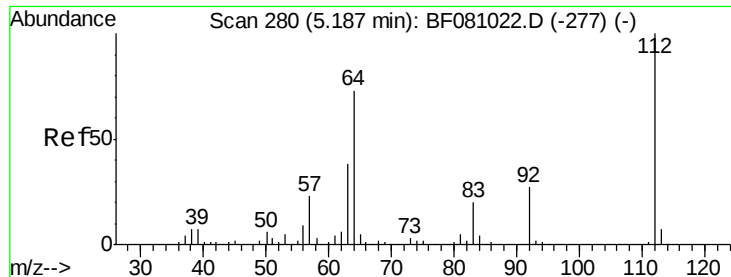
Ion Ratio Lower Upper

42 100

74 111.9 69.3 103.9#

44 7.6 5.5 8.3

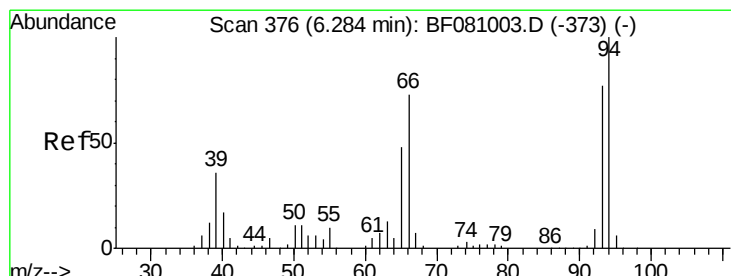
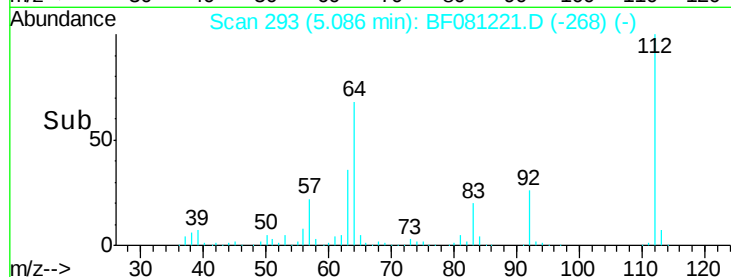
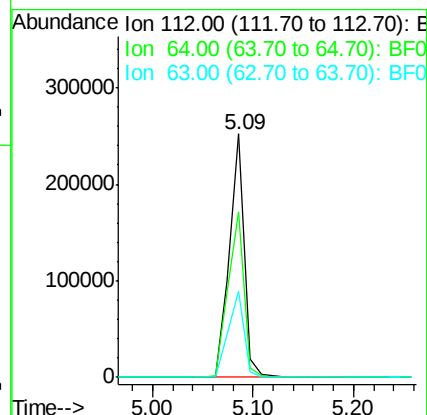
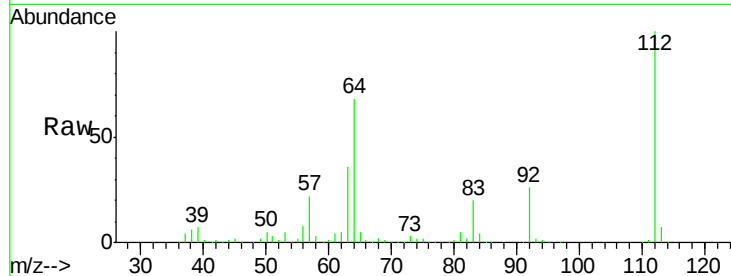




#5
2-Fluorophenol
Concen: 83.16 ng
RT: 5.09 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

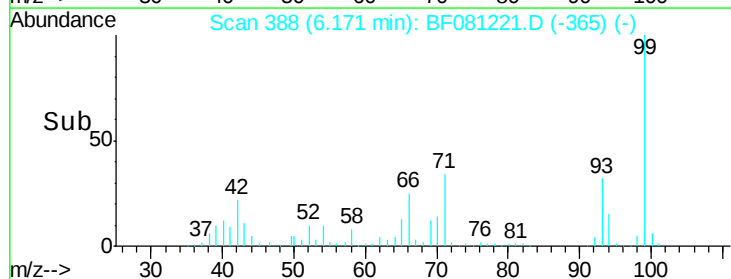
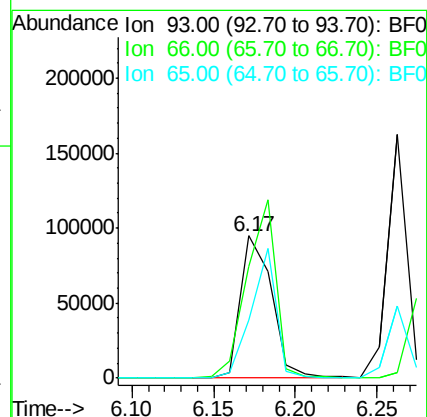
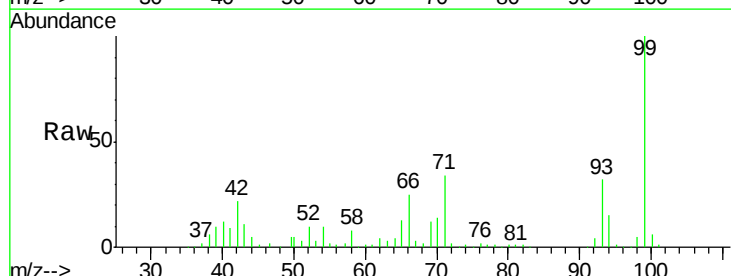
Instrument :
BNA_F
ClientSampleId :

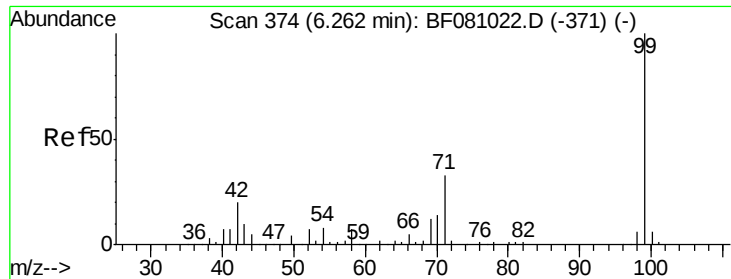
Tot Ion:112 Resp: 258766
Ion Ratio Lower Upper
112 100
64 68.3 66.9 100.3
63 35.6 38.1 57.1#



#6
Aniline
Concen: 21.26 ng
RT: 6.17 min Scan# 388
Delta R.T. -0.04 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Tgt Ion: 93 Resp: 125527
Ion Ratio Lower Upper
93 100
66 78.3 35.6 53.4#
65 41.1 18.7 28.1#





#7

Phenol-d6

Concen: 83.38 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

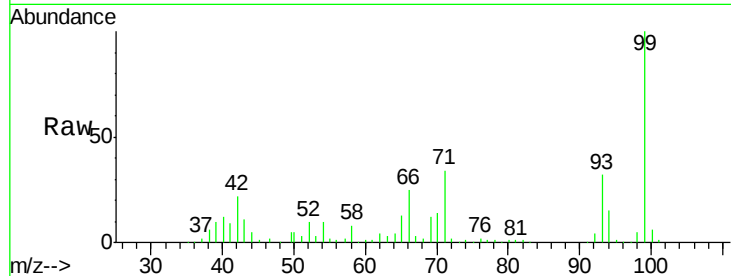
Tot Ion: 99 Resp: 338504

Ion Ratio Lower Upper

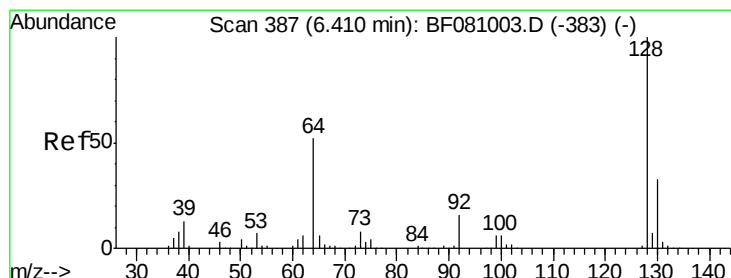
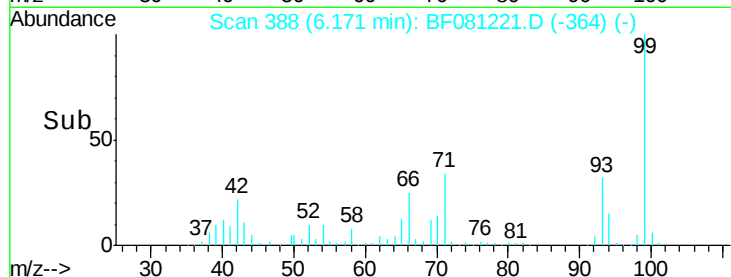
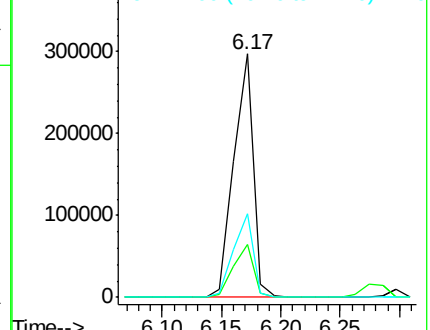
99 100

42 21.8 19.6 29.4

71 34.3 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: 38.99 ng

RT: 6.30 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

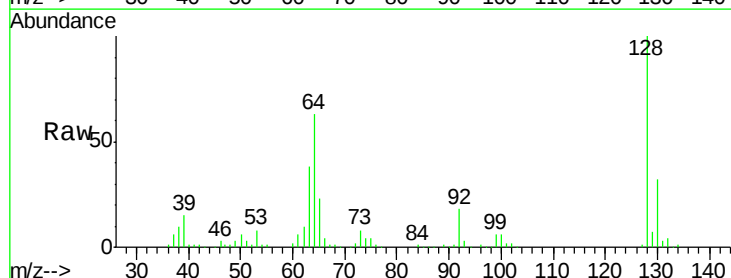
Tgt Ion: 128 Resp: 132812

Ion Ratio Lower Upper

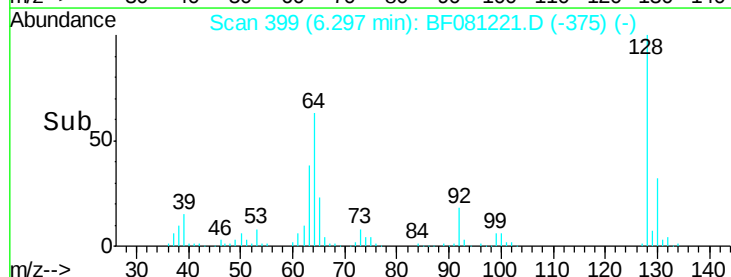
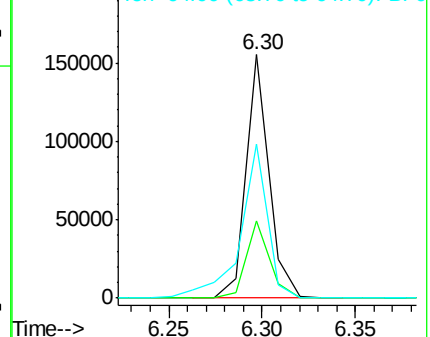
128 100

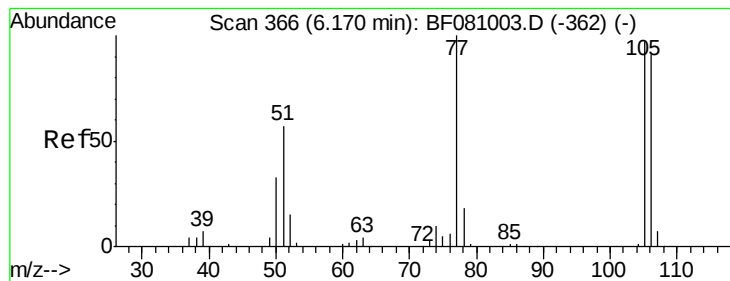
130 31.8 12.5 52.5

64 63.1 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: 10.38 ng

RT: 6.06 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

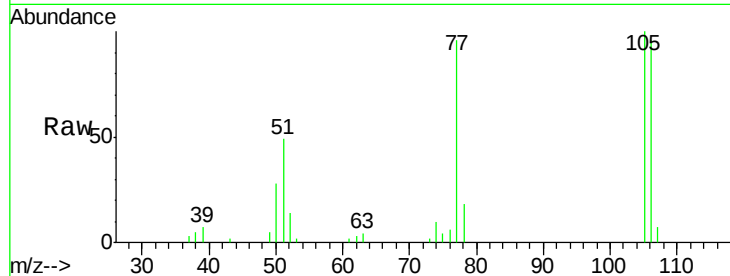
Tot Ion: 77 Resp: 27156

Ion Ratio Lower Upper

77 100

105 104.1 69.6 109.6

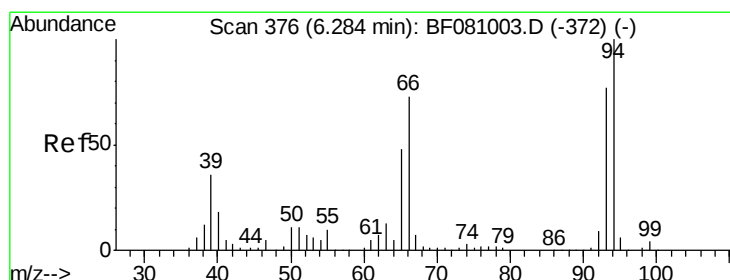
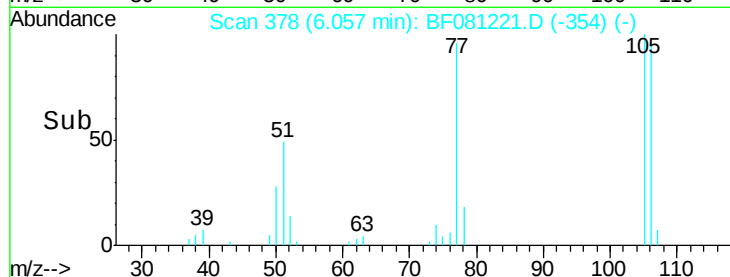
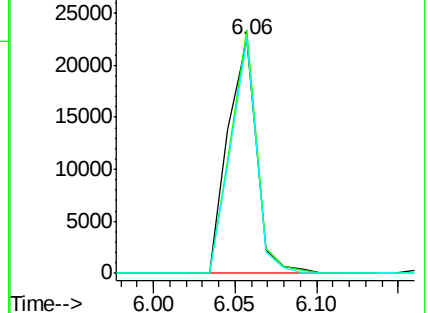
106 100.2 64.0 104.0



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: 40.21 ng

RT: 6.18 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

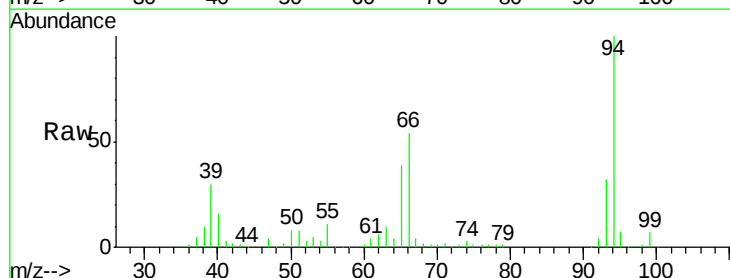
Tgt Ion: 94 Resp: 192822

Ion Ratio Lower Upper

94 100

65 38.9 28.4 68.4

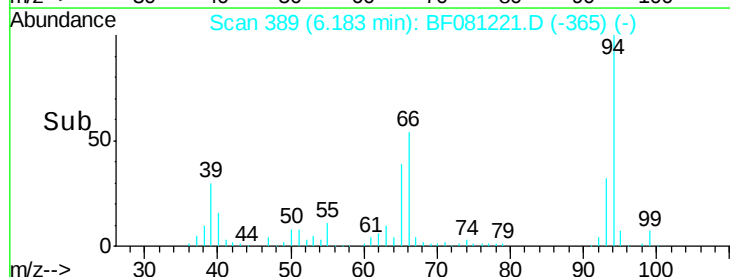
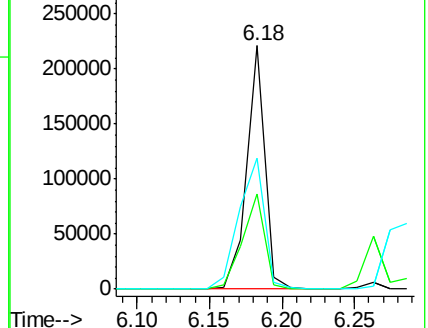
66 53.6 52.3 92.3

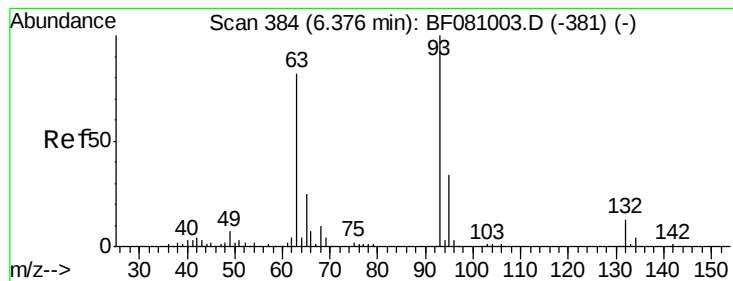


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.86 ng

RT: 6.26 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

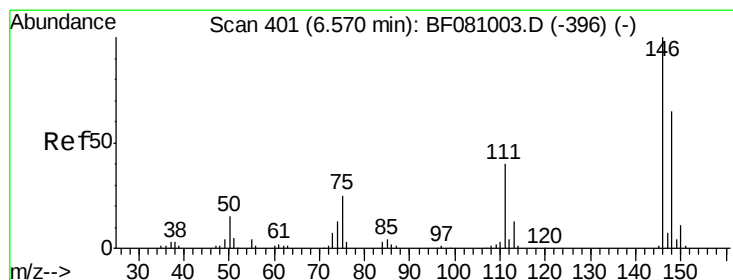
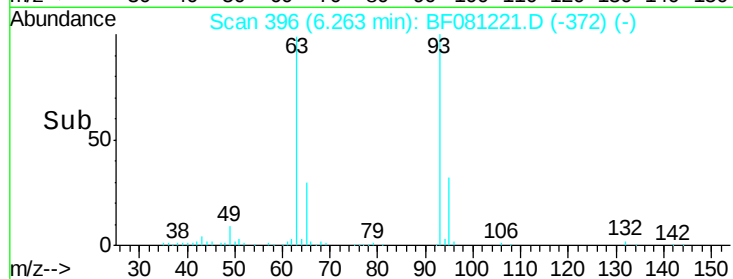
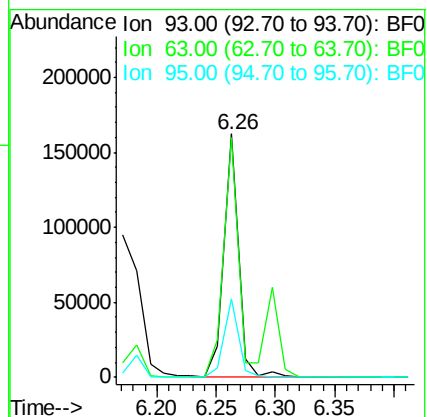
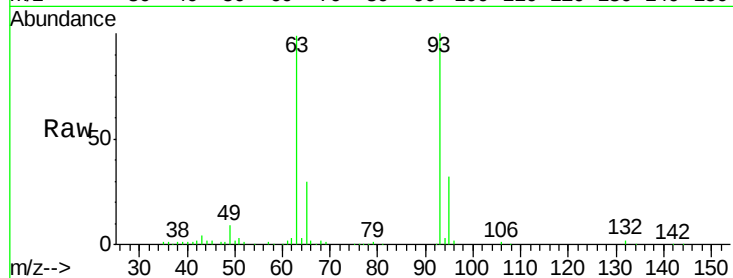
Tot Ion: 93 Resp: 139299

Ion Ratio Lower Upper

93 100

63 98.7 69.6 109.6

95 32.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 36.21 ng

RT: 6.46 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

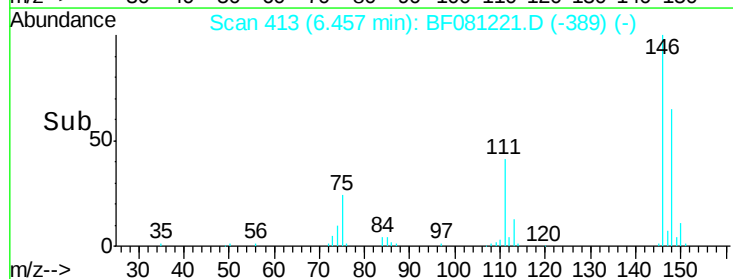
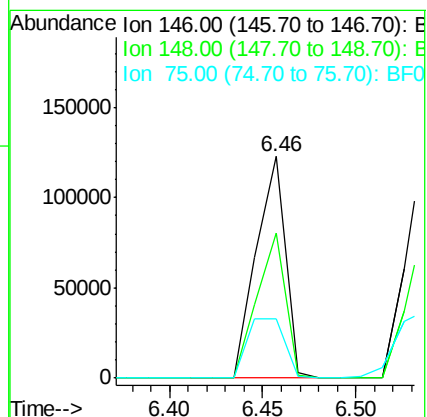
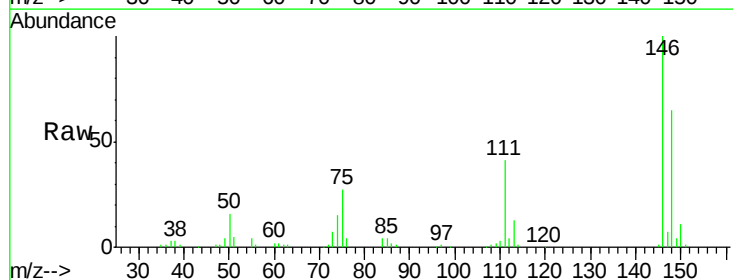
Tgt Ion: 146 Resp: 132514

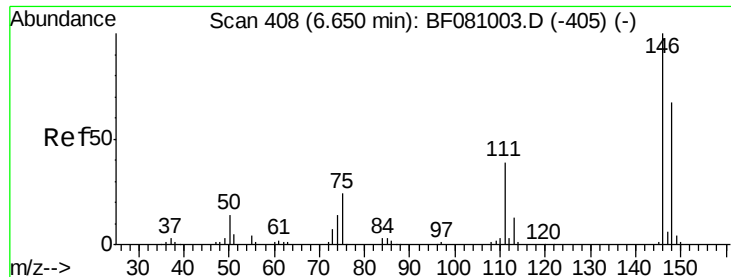
Ion Ratio Lower Upper

146 100

148 65.2 53.3 79.9

75 26.7 25.0 37.6

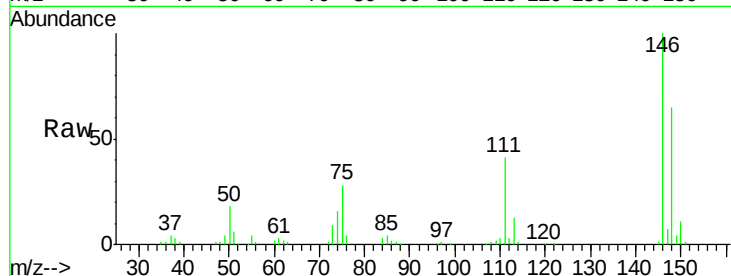




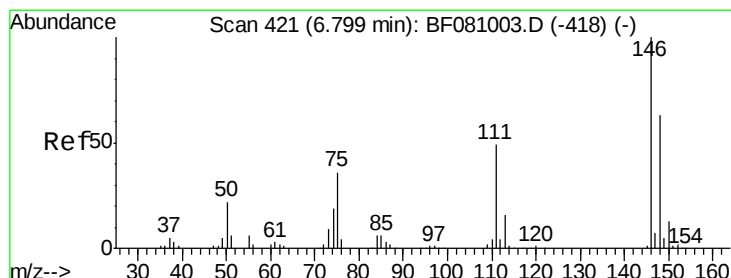
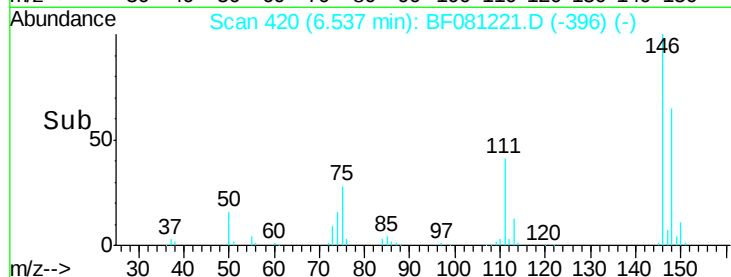
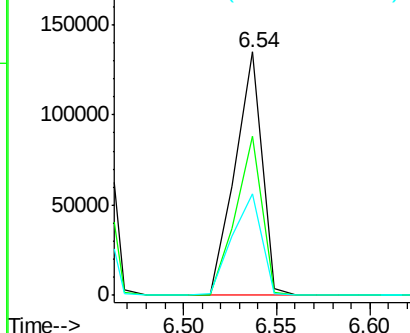
#13
 1,4-Dichlorobenzene
 Concen: 37.76 ng
 RT: 6.54 min Scan# 420
 Delta R.T. -0.02 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 136841
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.3 78.5
 111 41.5 34.4 51.6

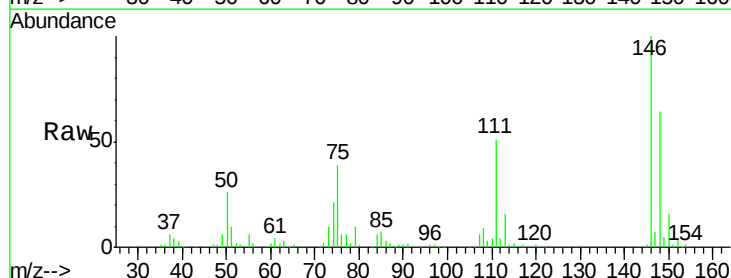


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

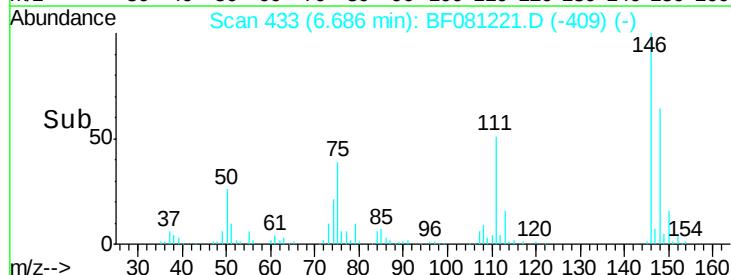
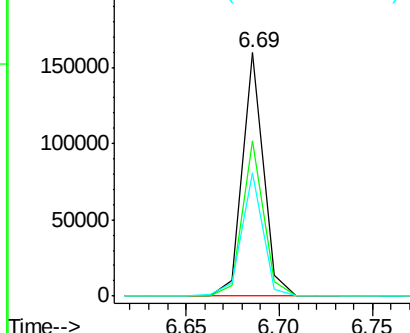


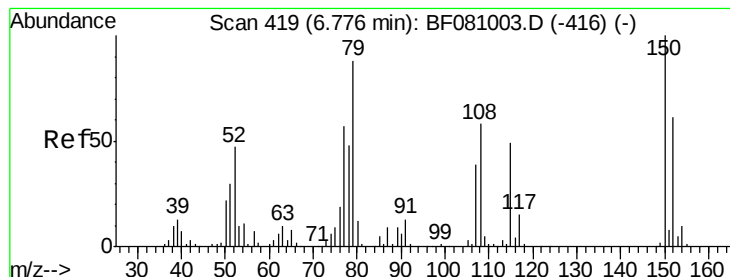
#14
 1,2-Dichlorobenzene
 Concen: 37.27 ng
 RT: 6.69 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

Tgt Ion:146 Resp: 126398
 Ion Ratio Lower Upper
 146 100
 148 64.0 48.7 73.1
 111 50.8 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: 37.17 ng

RT: 6.67 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

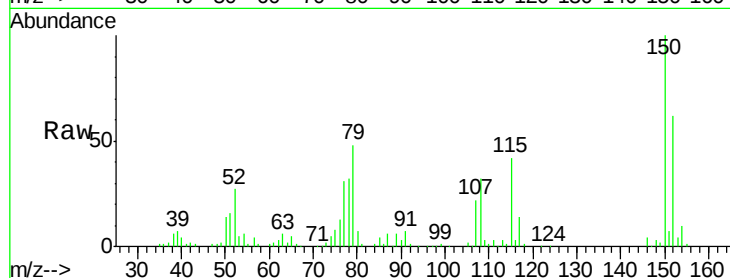
Tot Ion: 79 Resp: 122095

Ion Ratio Lower Upper

79 100

108 67.0 49.4 74.2

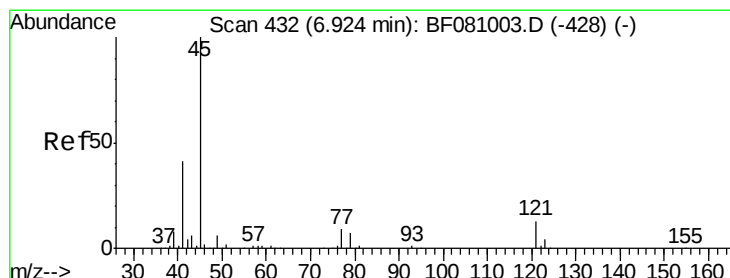
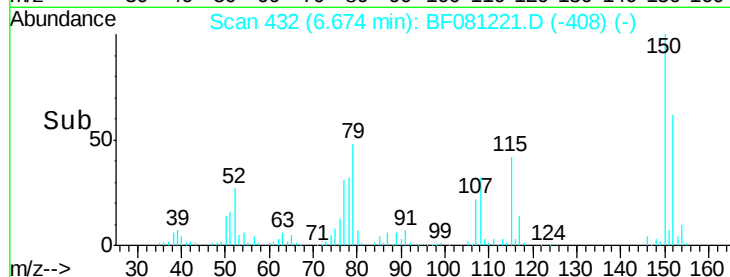
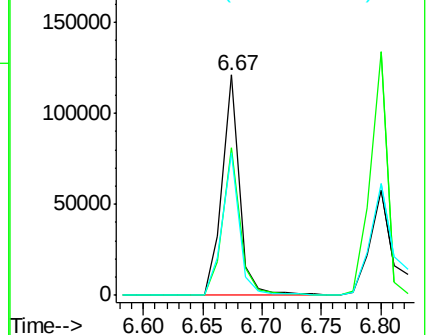
77 64.7 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.27 ng

RT: 6.81 min Scan# 444

Delta R.T. -0.04 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

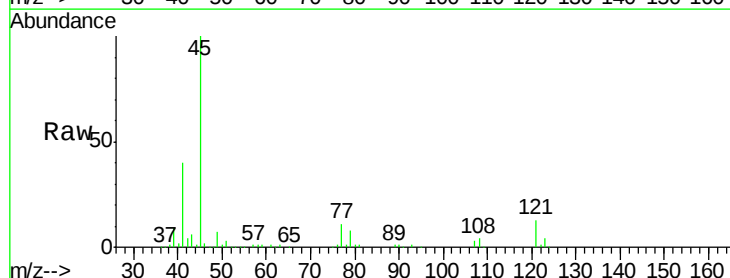
Tgt Ion: 45 Resp: 254988

Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.2

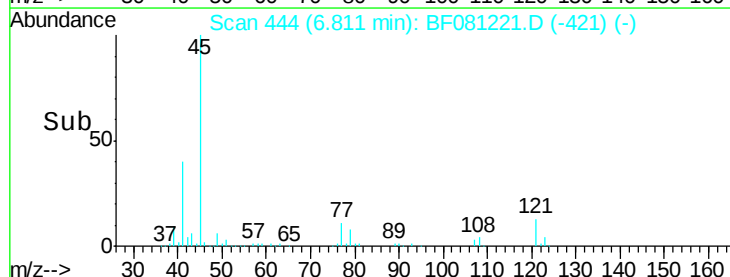
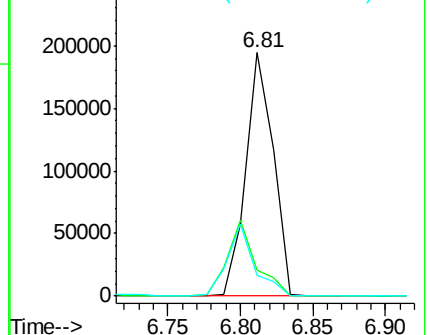
79 8.5 0.0 28.0

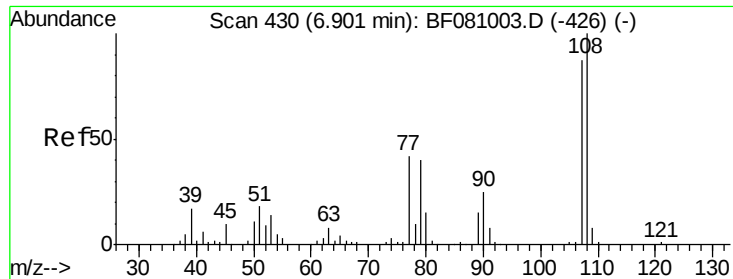


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.09 ng

RT: 6.80 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 114237

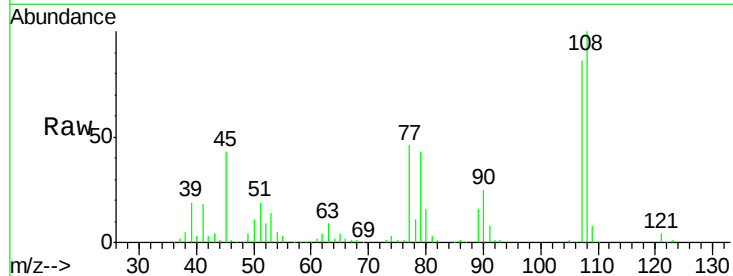
Ion Ratio Lower Upper

107 100

108 116.9 90.4 135.6

77 53.4 46.5 69.7

79 50.7 46.3 69.5

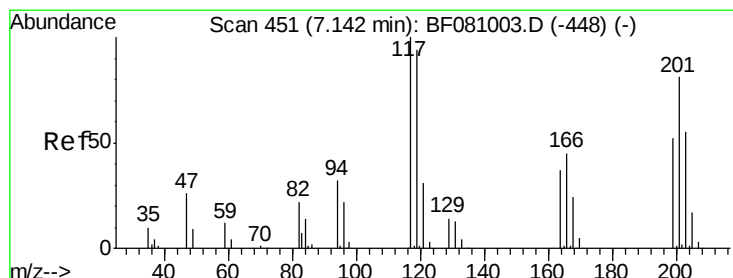
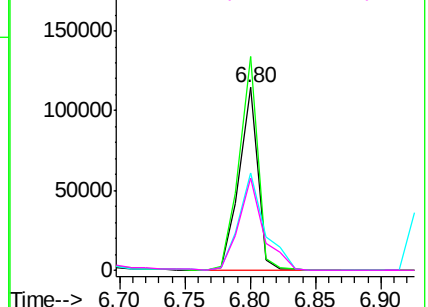
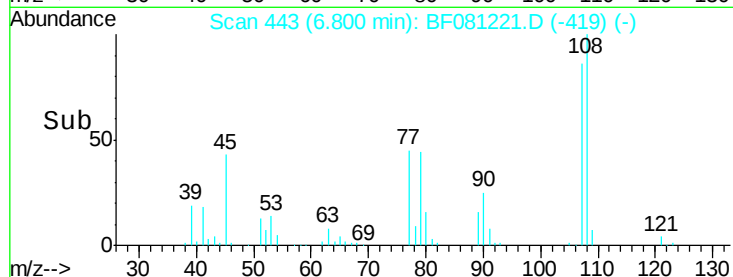


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.68 ng

RT: 7.03 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

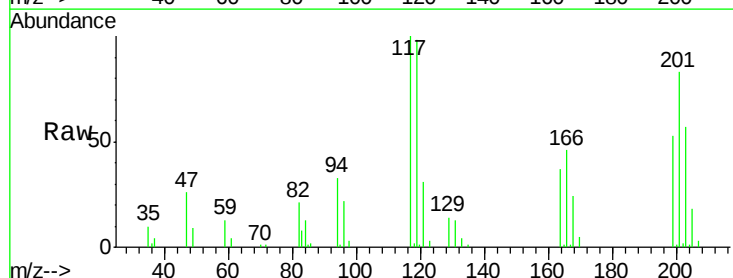
Tgt Ion:117 Resp: 53709

Ion Ratio Lower Upper

117 100

119 97.7 77.9 116.9

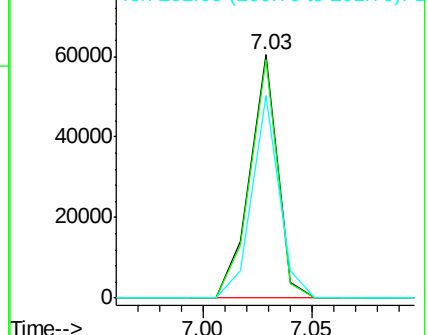
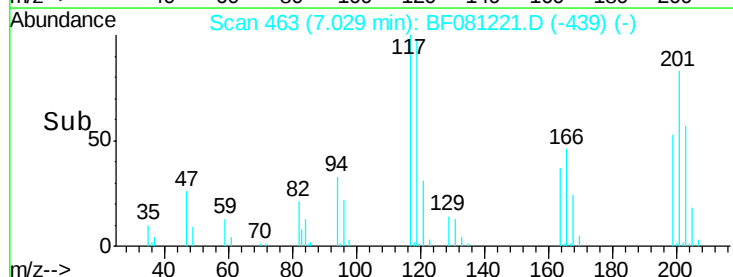
201 83.3 61.3 91.9

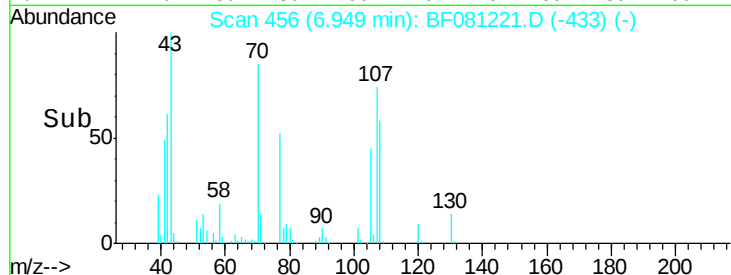
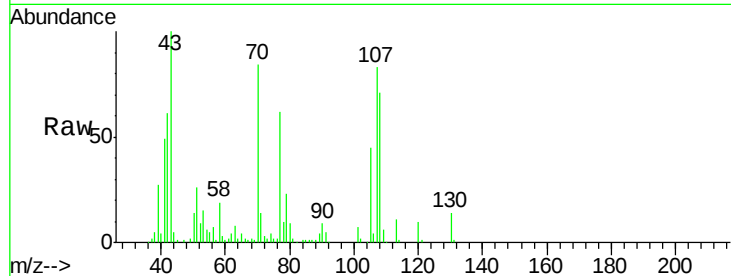
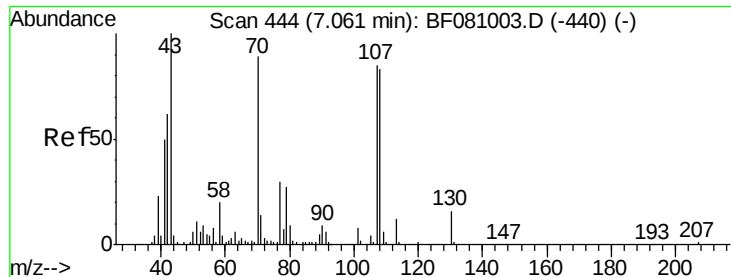


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

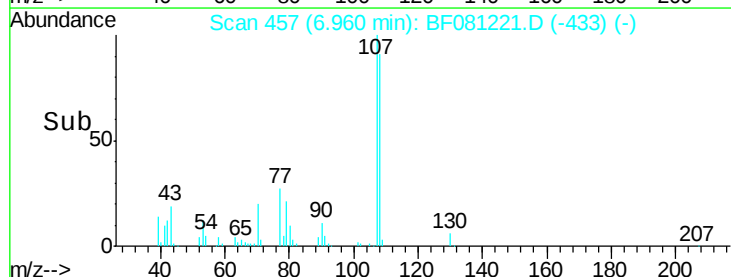
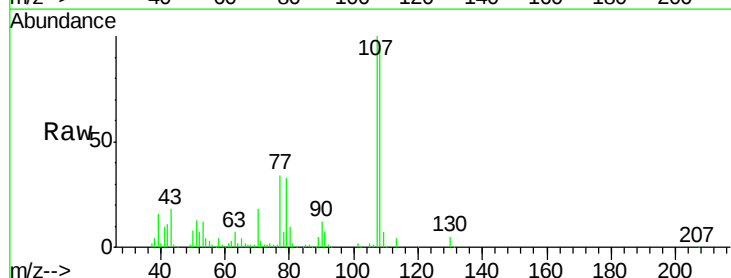
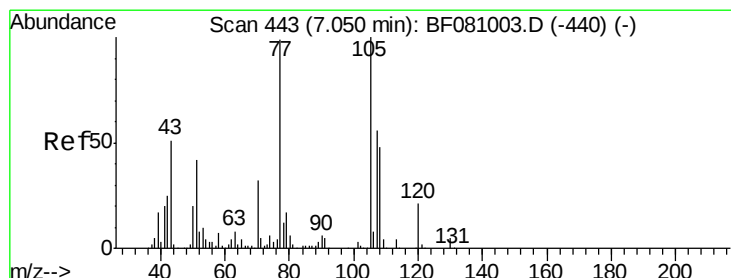
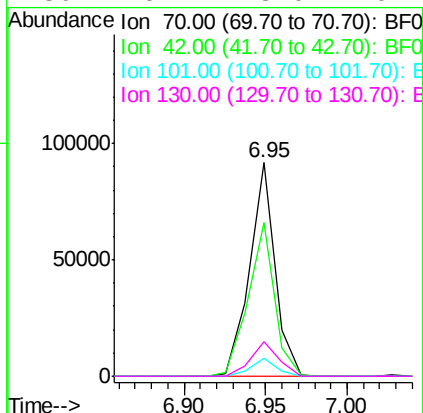




#19
n-Nitroso-di-n-propylamine
Concen: 35.13 ng
RT: 6.95 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

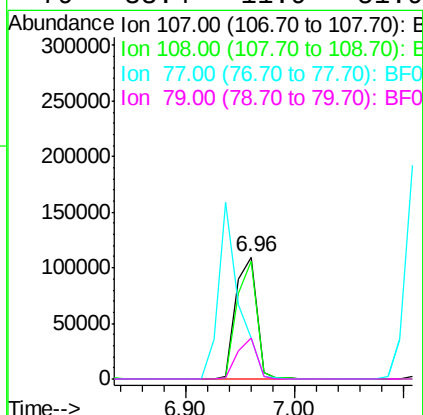
Instrument :
BNA_F
ClientSampled :

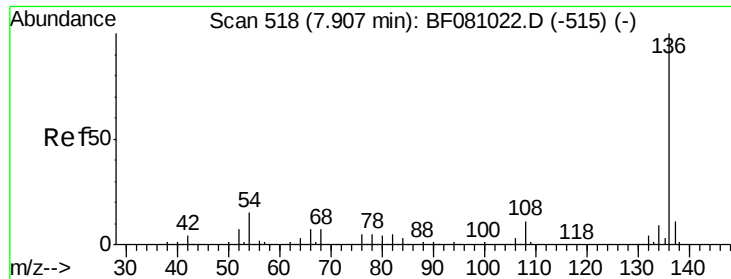
Tot Ion	Ratio	Lower	Upper
70	100		
42	71.9	65.0	97.4
101	8.2	7.4	11.2
130	16.1	13.0	19.4



#20
3+4-Methylphenols
Concen: 39.24 ng
RT: 6.96 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.2	66.1	106.1
77	33.9	139.3	179.3#
79	33.4	11.9	51.9

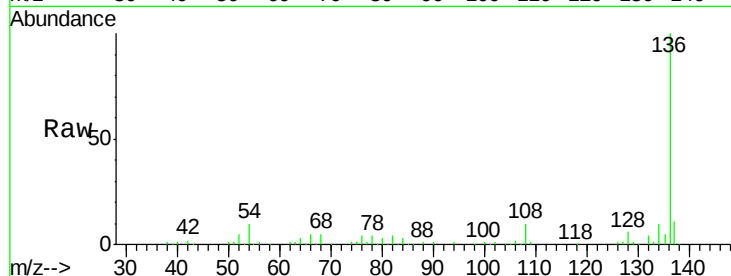




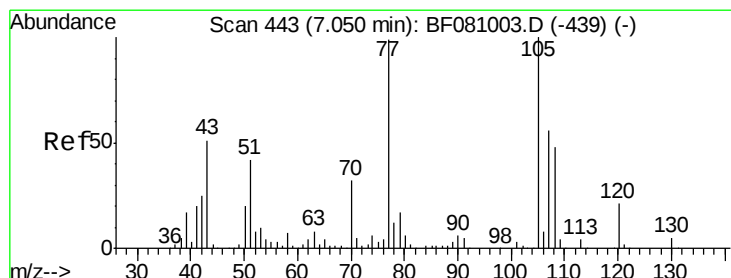
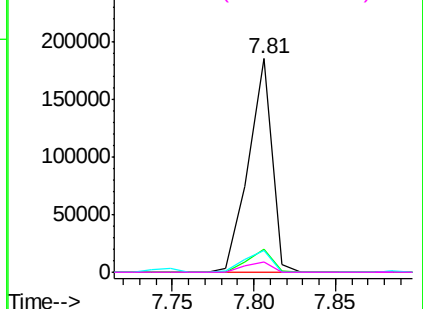
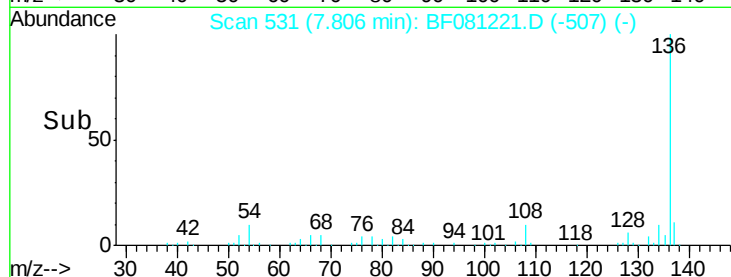
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	185241
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.2 12.2
54	10.0	7.7 11.5
68	5.1	3.4 5.2

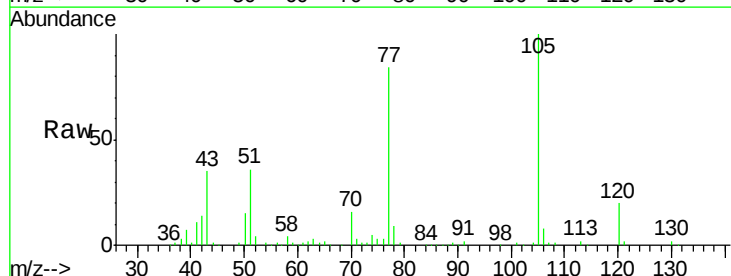


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

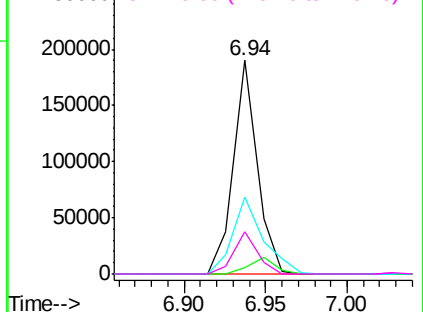
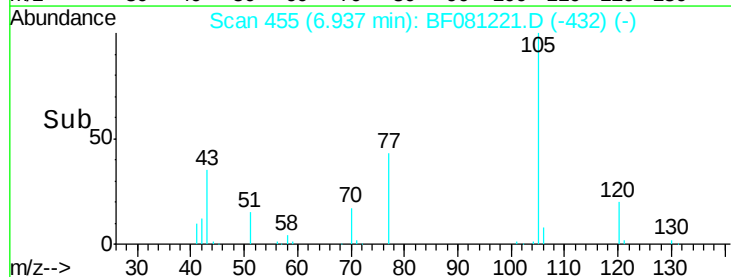


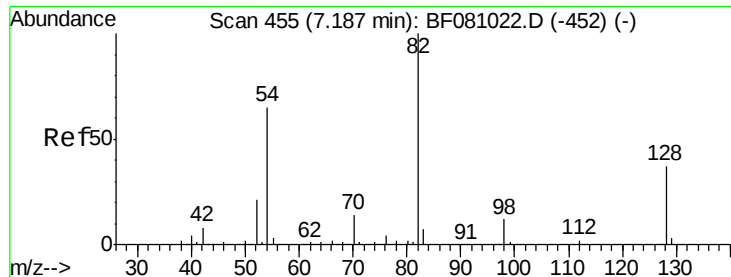
#22
Acetophenone
Concen: 39.49 ng
RT: 6.94 min Scan# 455
Delta R.T. -0.04 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Tgt Ion:105	Resp:	192057
Ion Ratio	Lower	Upper
105	100	
71	2.7	3.0 4.6#
51	36.1	39.8 59.8#
120	19.7	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





#23

Nitrobenzene-d5

Concen: 72.74 ng

RT: 7.09 min Scan# 468

Delta R.T. -0.04 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

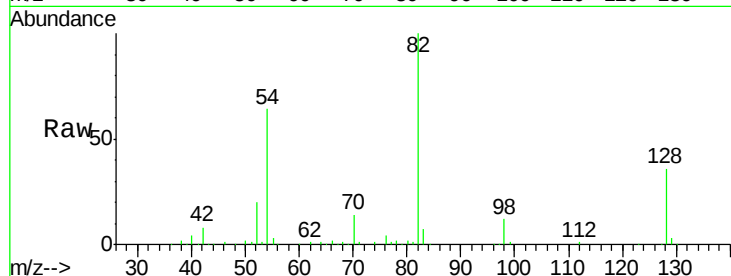
Tot Ion: 82 Resp: 294959

Ion Ratio Lower Upper

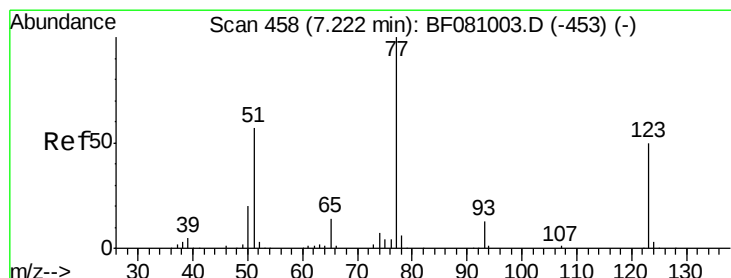
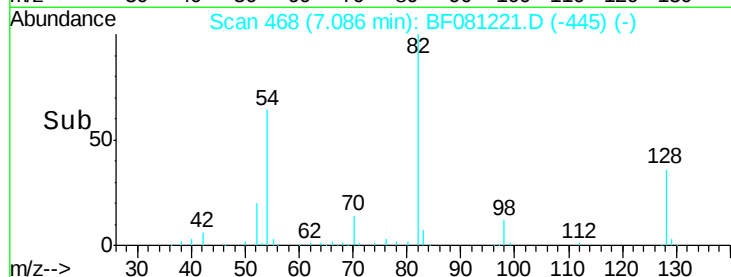
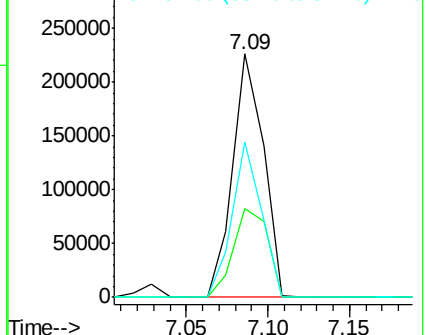
82 100

128 36.5 28.6 42.8

54 63.8 55.1 82.7



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



#24

Nitrobenzene

Concen: 38.43 ng

RT: 7.11 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

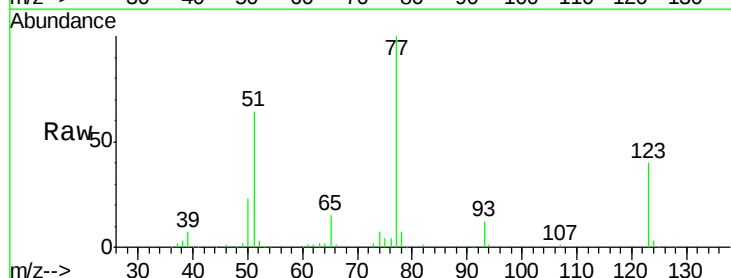
Tgt Ion: 77 Resp: 162924

Ion Ratio Lower Upper

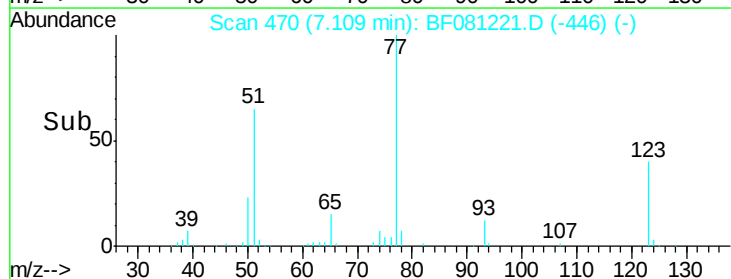
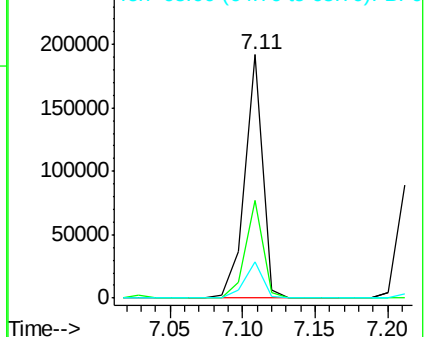
77 100

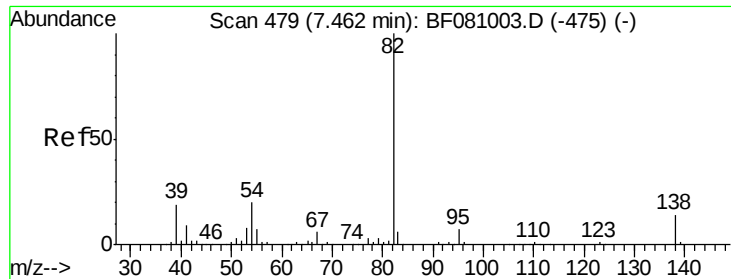
123 40.1 32.9 49.3

65 15.0 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.97 ng

RT: 7.35 min Scan# 491

Delta R.T. -0.04 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

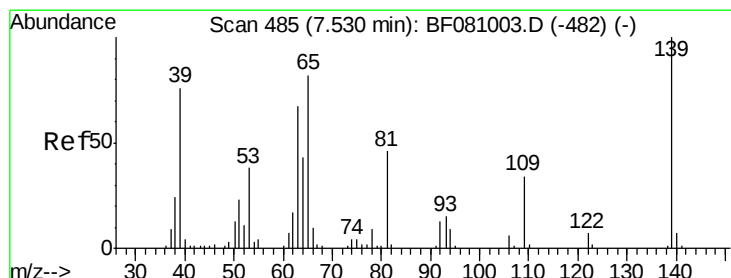
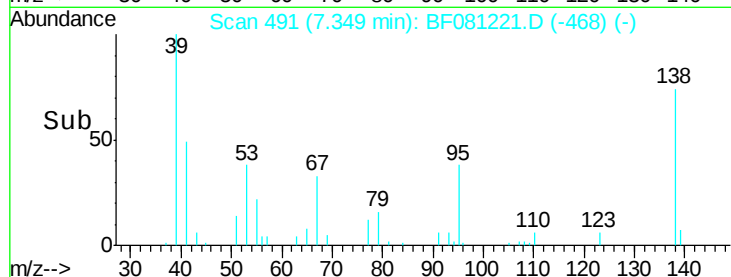
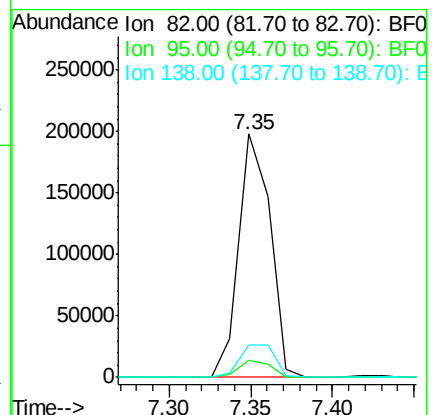
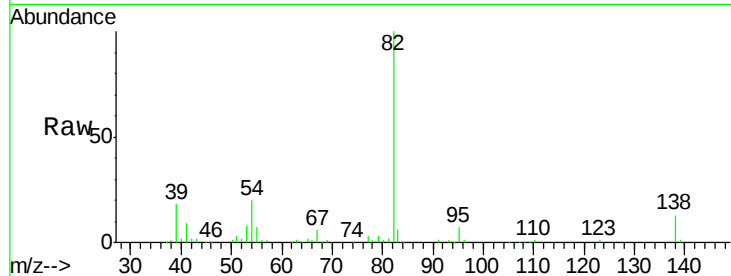
Tot Ion: 82 Resp: 264416

Ion Ratio Lower Upper

82 100

95 6.8 6.2 9.2

138 13.4 10.5 15.7



#26

2-Nitrophenol

Concen: 40.75 ng

RT: 7.43 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

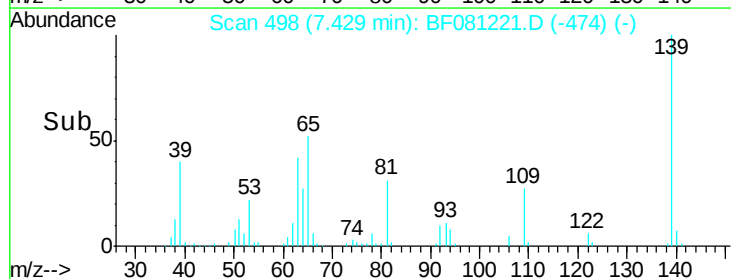
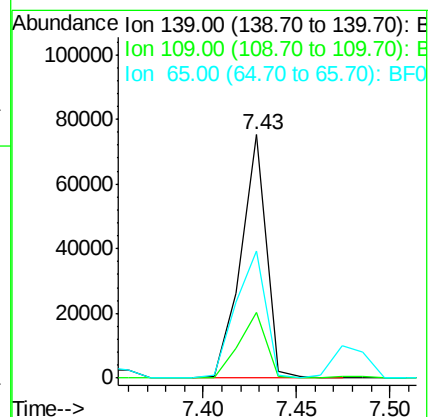
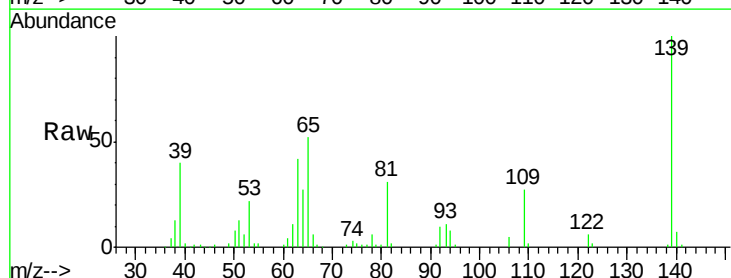
Tgt Ion: 139 Resp: 71853

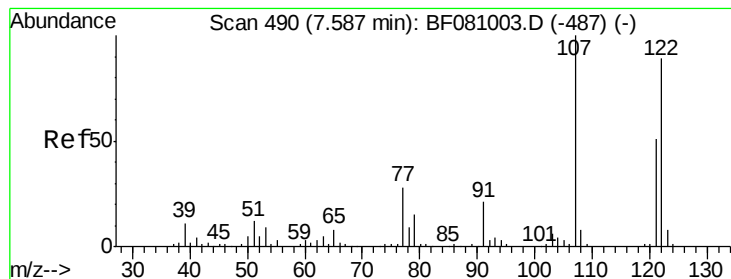
Ion Ratio Lower Upper

139 100

109 26.9 32.1 48.1#

65 52.1 69.9 104.9#





#27

2,4-Dimethylphenol

Concen: 38.52 ng

RT: 7.49 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

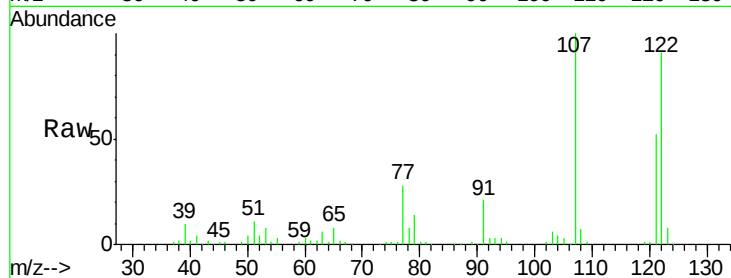
Tot Ion:122 Resp: 120146

Ion Ratio Lower Upper

122 100

107 110.1 103.8 155.6

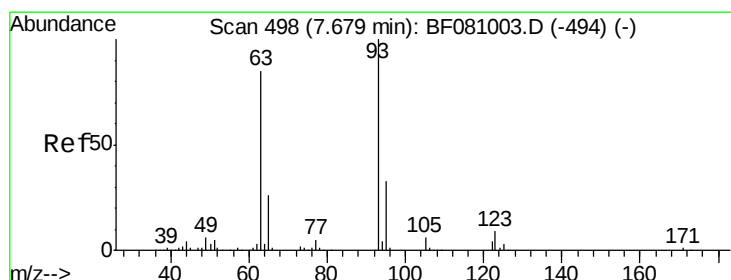
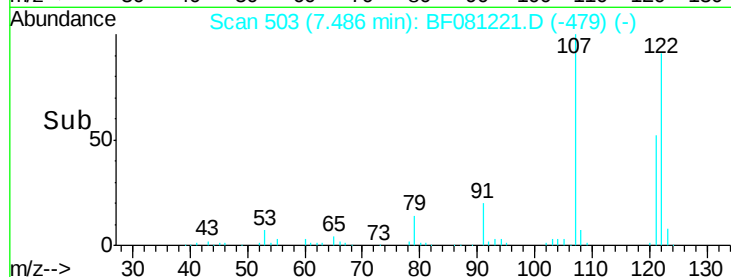
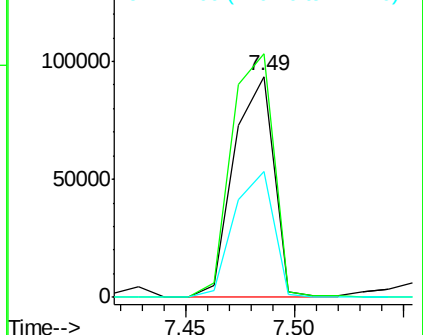
121 56.9 47.0 70.4



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: 39.86 ng

RT: 7.58 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

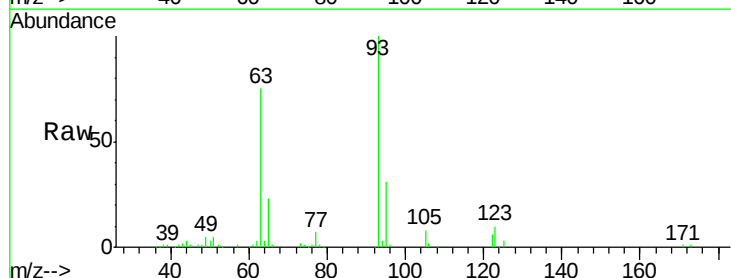
Tgt Ion: 93 Resp: 178088

Ion Ratio Lower Upper

93 100

95 31.0 25.8 38.8

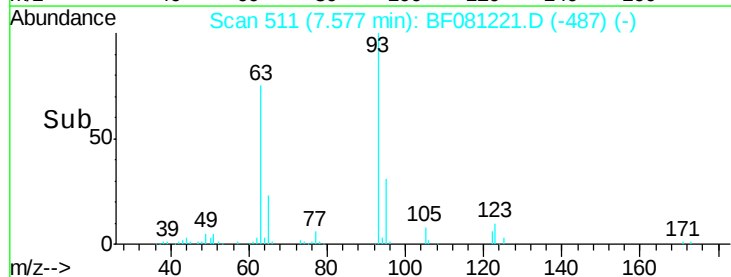
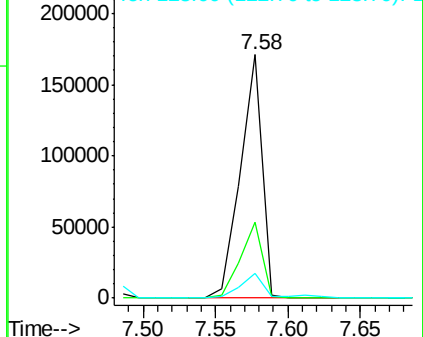
123 10.1 7.4 11.0

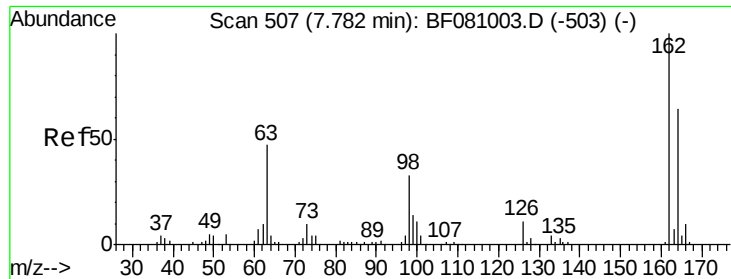


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

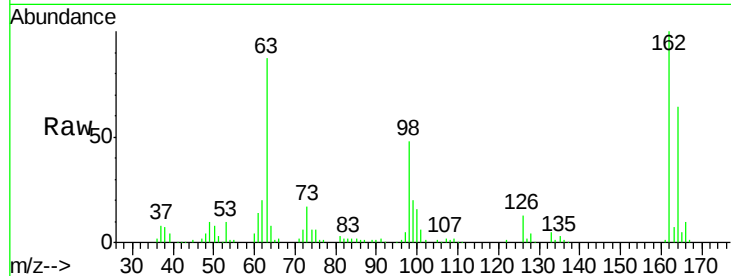




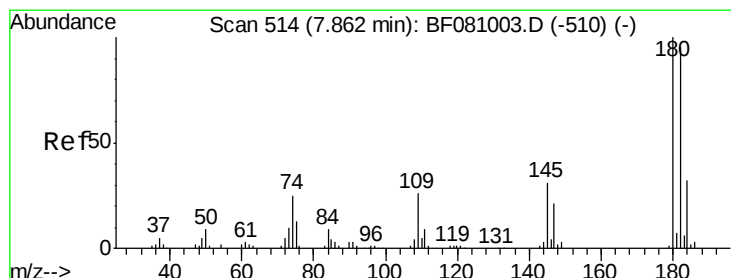
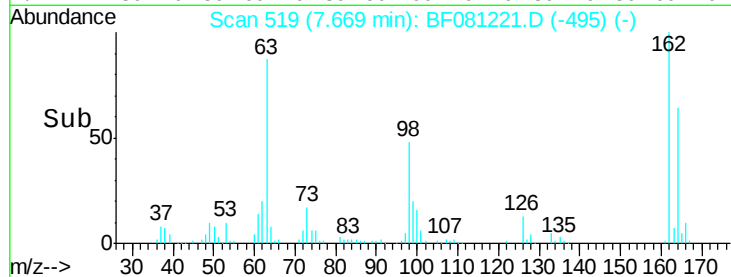
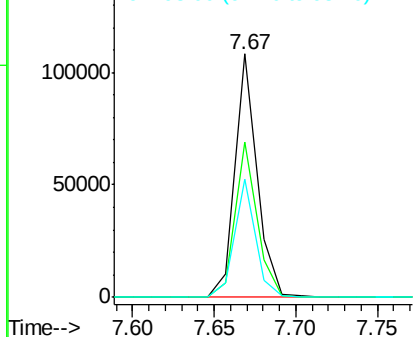
#29
 2,4-Dichlorophenol
 Concen: 38.31 ng
 RT: 7.67 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.2	83.2
98	48.3	12.3	52.3

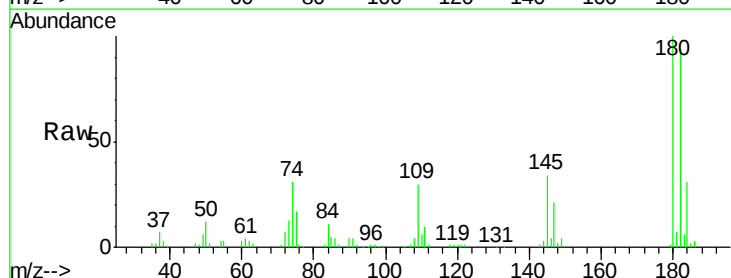


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

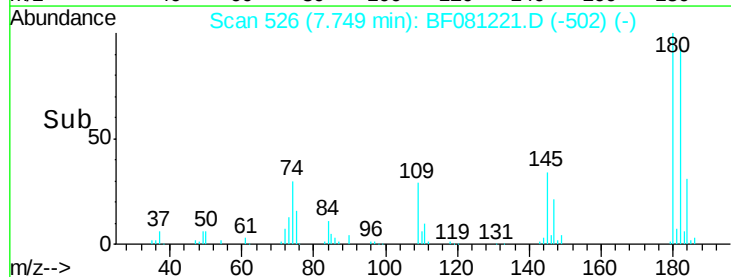
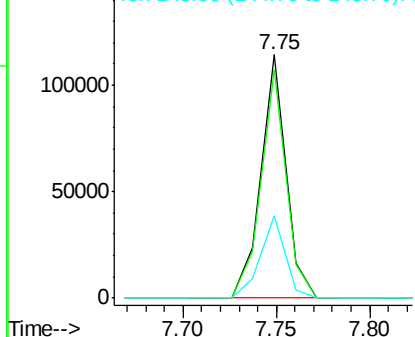


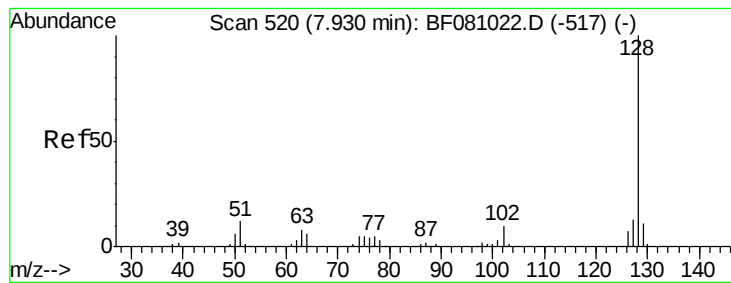
#30
 1,2,4-Trichlorobenzene
 Concen: 36.38 ng
 RT: 7.75 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	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: 37.27 ng

RT: 7.83 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampled :

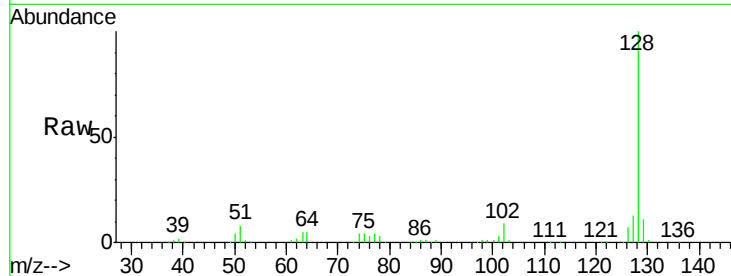
Tot Ion:128 Resp: 384874

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

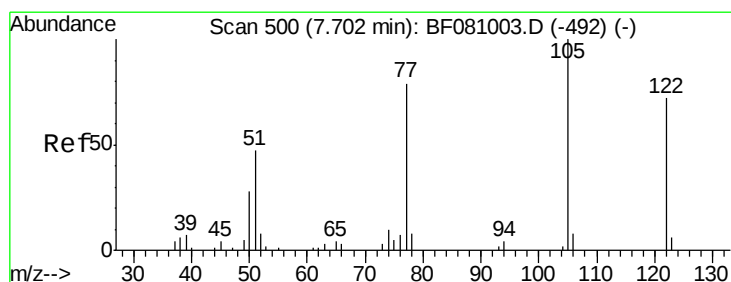
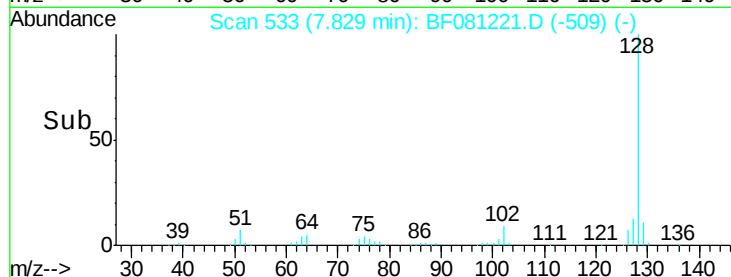
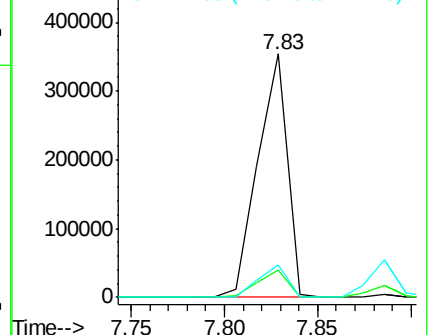
127 13.2 10.6 16.0



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: 39.43 ng

RT: 7.61 min Scan# 514

Delta R.T. -0.04 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

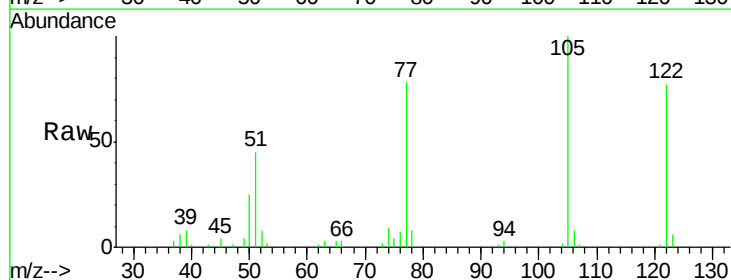
Tgt Ion:122 Resp: 69183

Ion Ratio Lower Upper

122 100

105 130.4 113.8 153.8

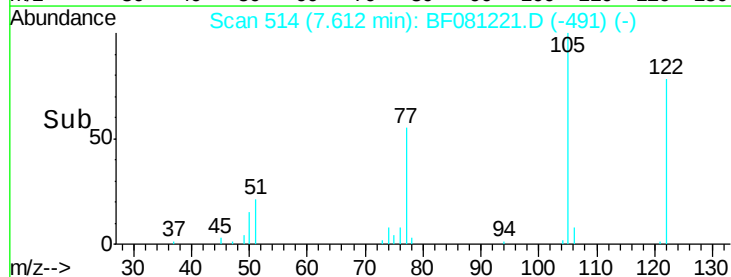
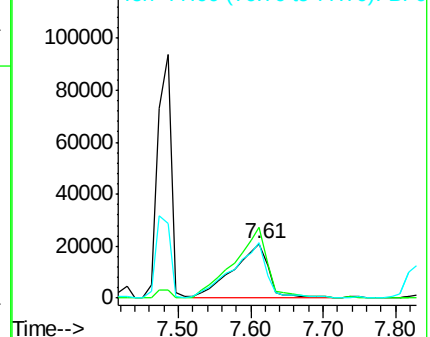
77 101.9 93.8 133.8

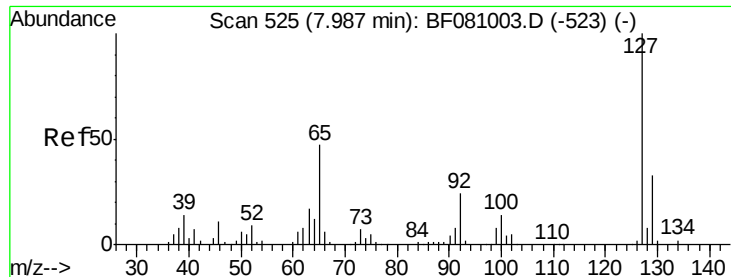


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

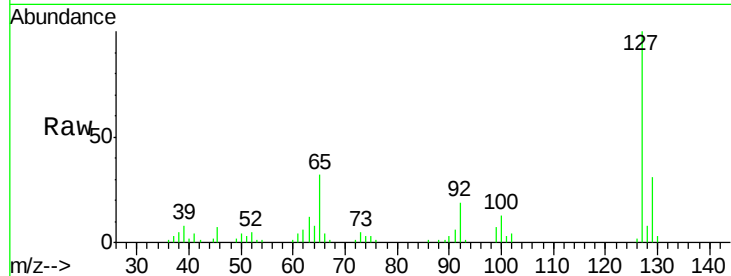




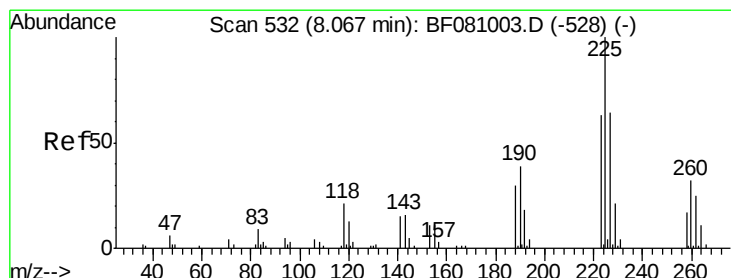
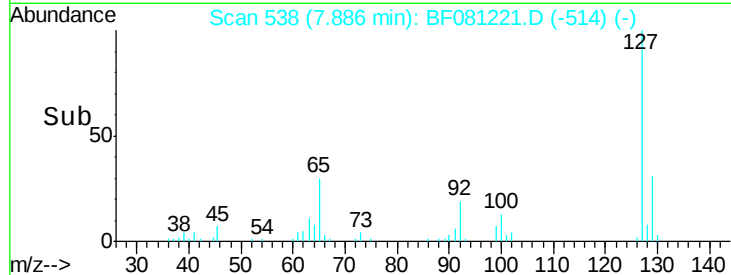
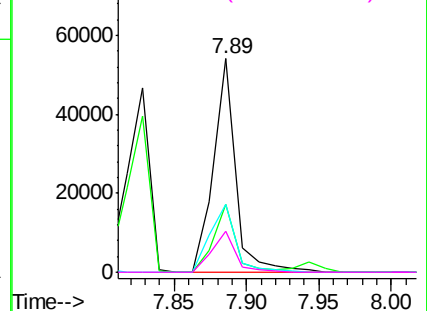
#33
4-Chloroaniline
Concen: 13.20 ng
RT: 7.89 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	57491
Ion Ratio	Lower	Upper
127	100	
129	31.5	25.2 37.8
65	31.9	37.8 56.6#
92	19.2	19.5 29.3#

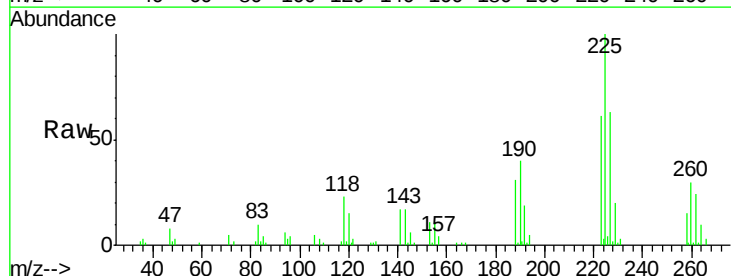


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

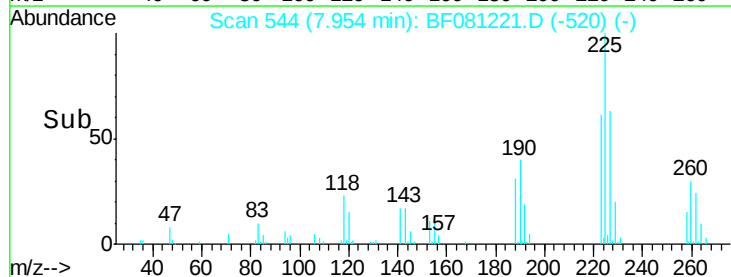
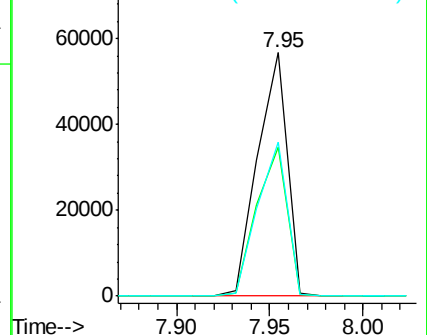


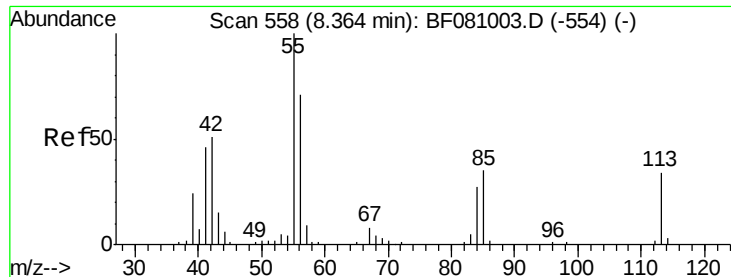
#34
Hexachlorobutadiene
Concen: 37.60 ng
RT: 7.95 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Tgt Ion:225	Resp:	62063
Ion Ratio	Lower	Upper
225	100	
223	61.0	52.6 79.0
227	63.4	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: 32.13 ng

RT: 8.26 min Scan# 571

Delta R.T. -0.04 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampled :

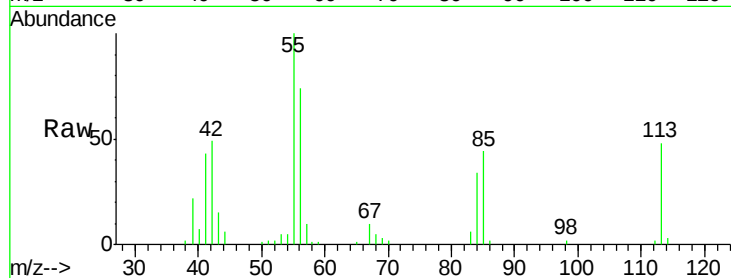
Tot Ion:113 Resp: 29491

Ion Ratio Lower Upper

113 100

55 208.6 280.4 320.4#

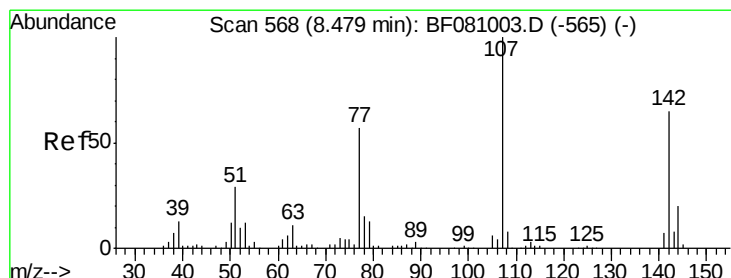
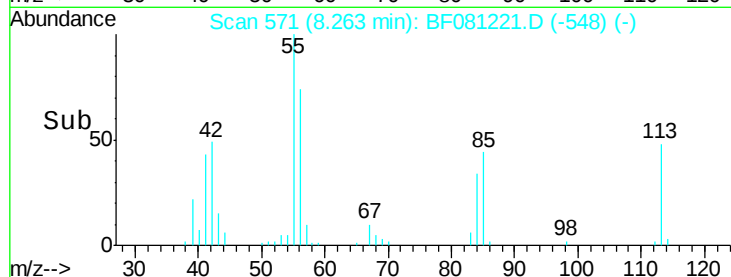
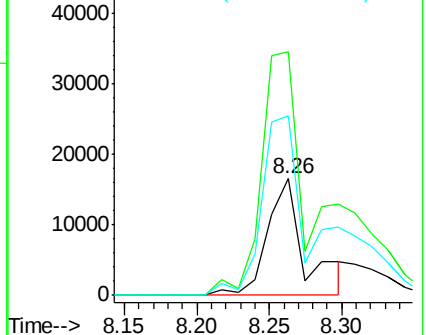
56 154.0 205.9 245.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.03 ng

RT: 8.38 min Scan# 581

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

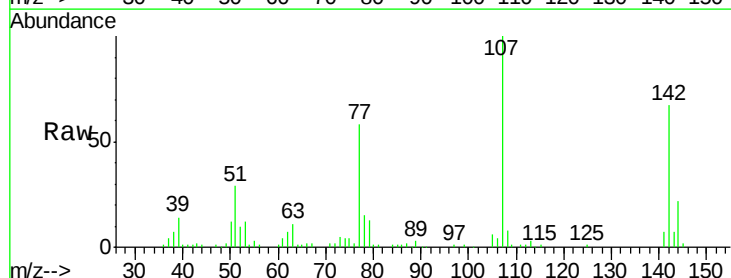
Tgt Ion:107 Resp: 122167

Ion Ratio Lower Upper

107 100

144 21.8 17.2 25.8

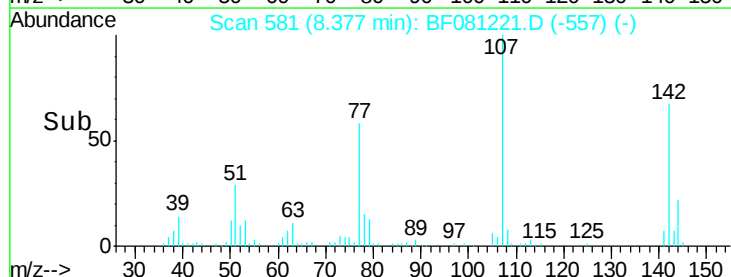
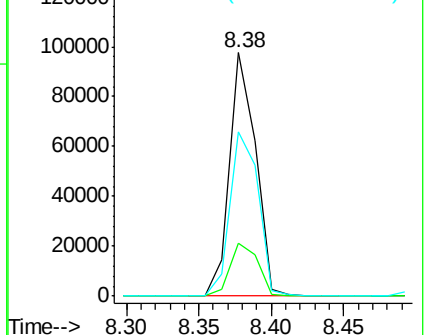
142 67.4 54.9 82.3

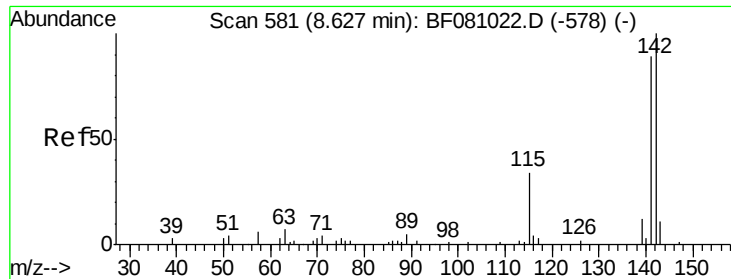


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

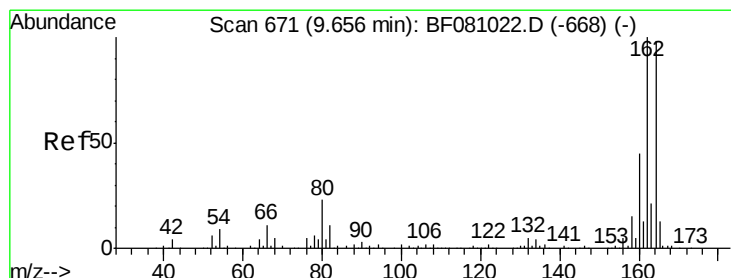
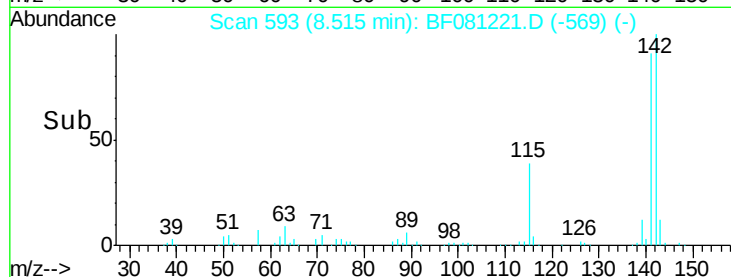
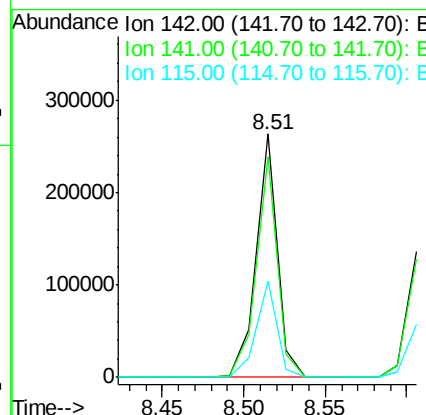
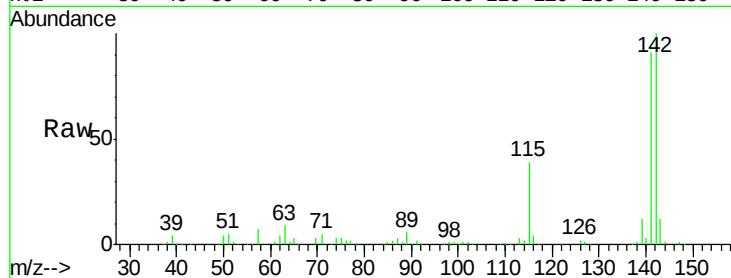




#37
 2-Methylnaphthalene
 Concen: 36.41 ng
 RT: 8.51 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

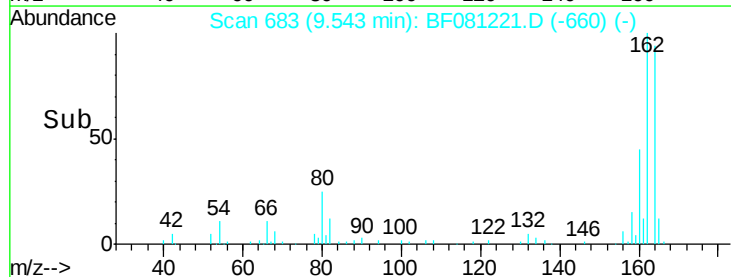
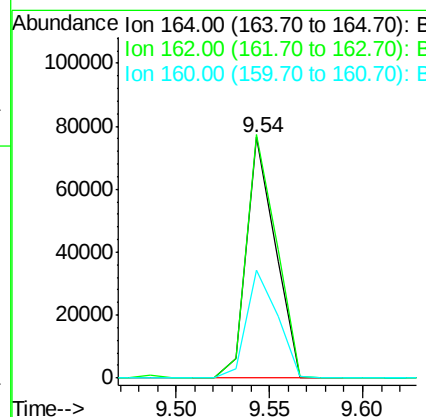
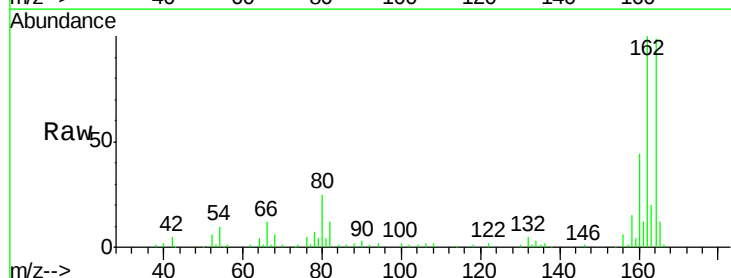
Instrument :
 BNA_F
 ClientSampleId :

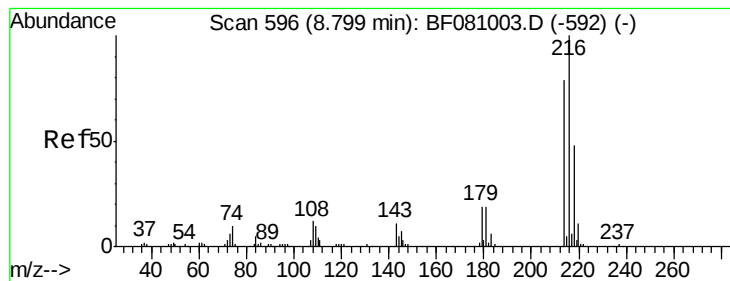
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.4	107.2
115	39.4	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.04 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.8	125.8
160	45.0	39.8	59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.32 ng

RT: 8.69 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 101906

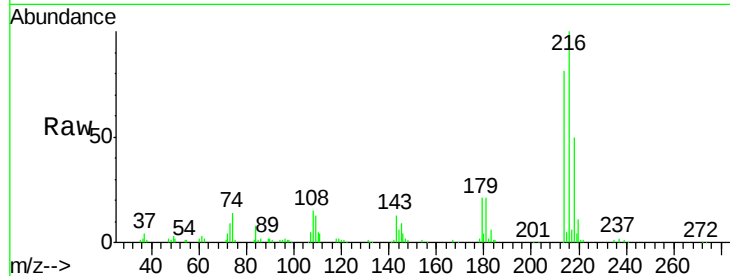
Ion Ratio Lower Upper

216 100

214 81.0 63.8 95.8

179 22.3 17.8 26.8

108 23.6 16.2 24.2

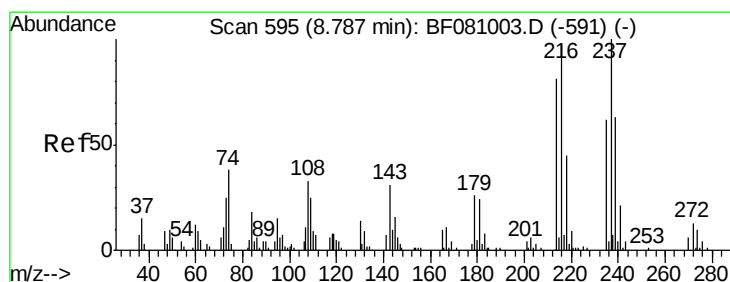
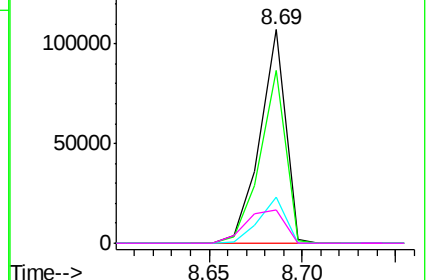
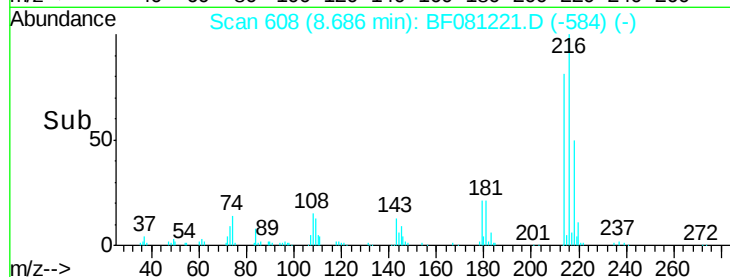


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.86 ng

RT: 8.67 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

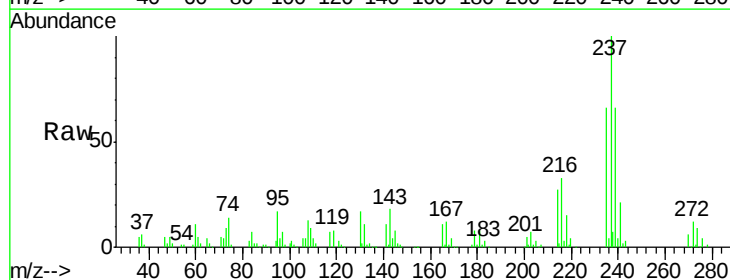
Tgt Ion:237 Resp: 108533

Ion Ratio Lower Upper

237 100

235 65.9 43.6 83.6

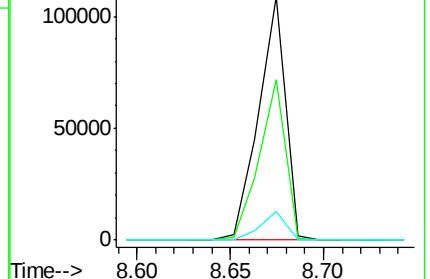
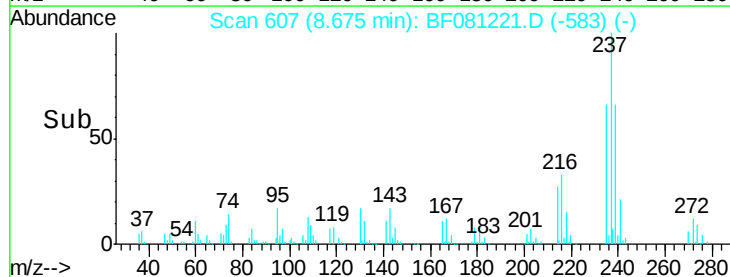
272 11.7 0.0 32.2

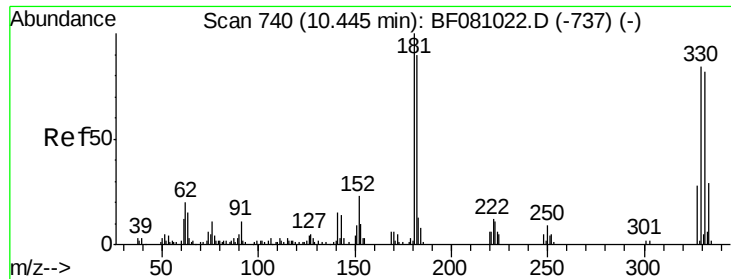


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 80.00 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

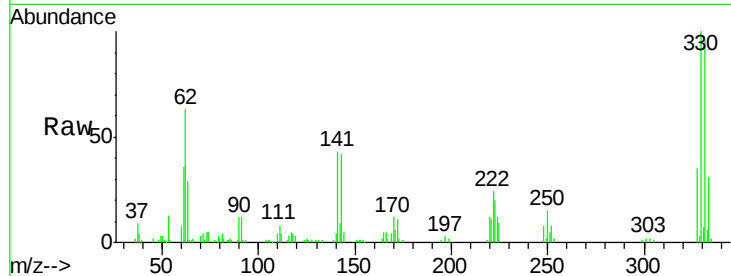
Tot Ion:330 Resp: 57151

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

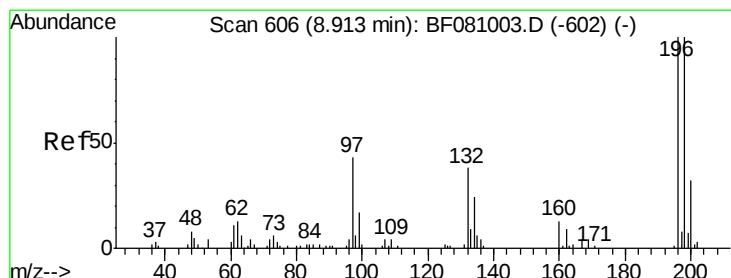
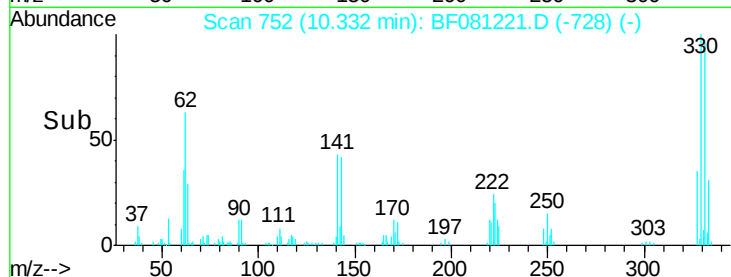
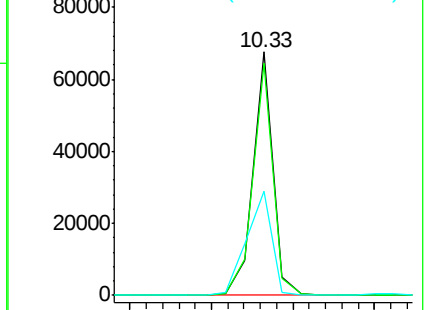
141 53.5 44.9 67.3



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: 39.82 ng

RT: 8.80 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

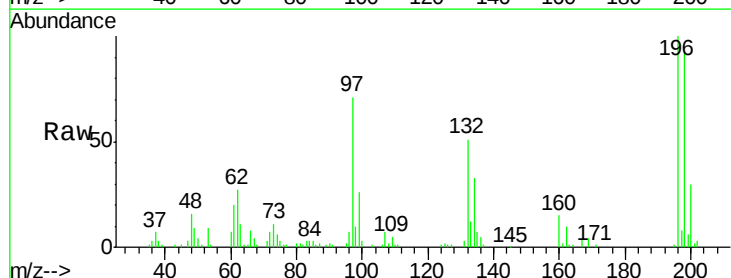
Tgt Ion:196 Resp: 74801

Ion Ratio Lower Upper

196 100

198 92.8 74.6 111.8

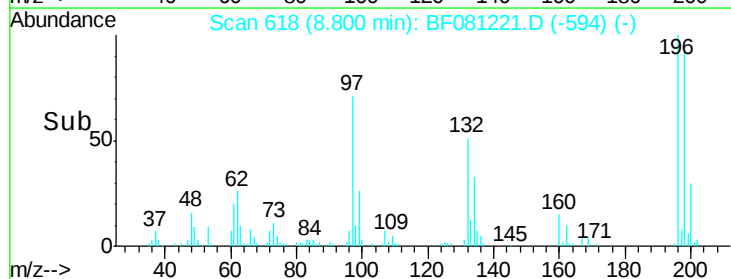
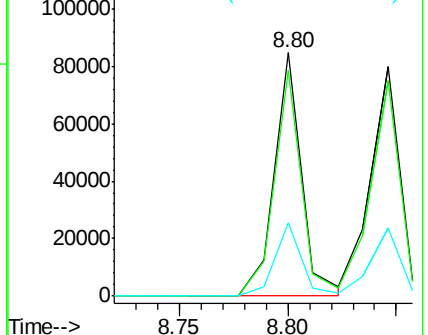
200 30.2 22.7 34.1

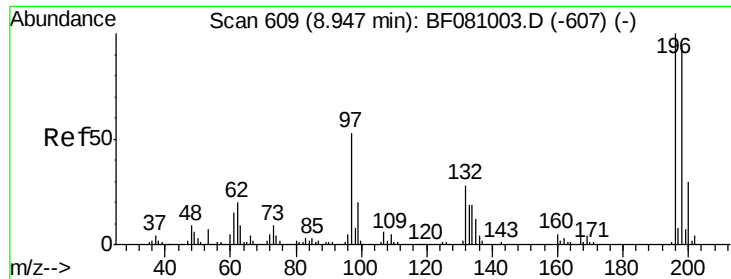


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

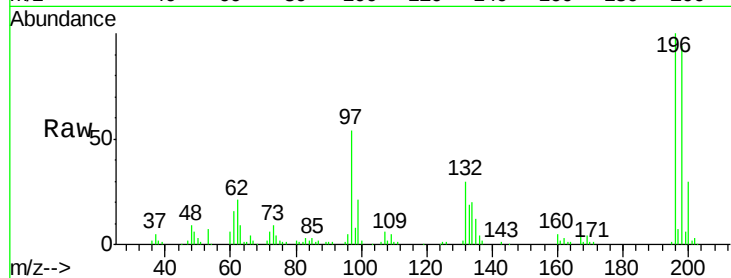




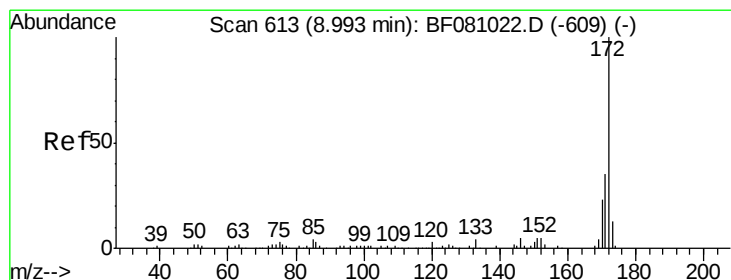
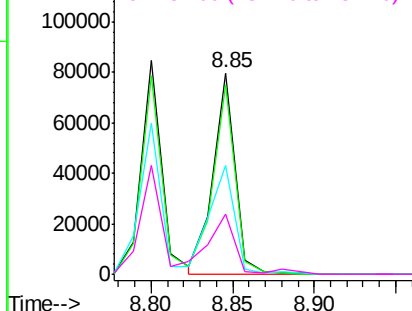
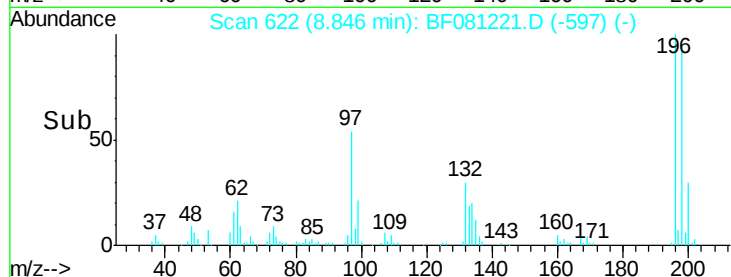
#43
 2,4,5-Trichlorophenol
 Concen: 40.21 ng
 RT: 8.85 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	75496
Ion Ratio	Lower	Upper
196 100		
198 94.1	78.3	117.5
97 54.3	42.7	64.1
132 29.7	23.3	34.9

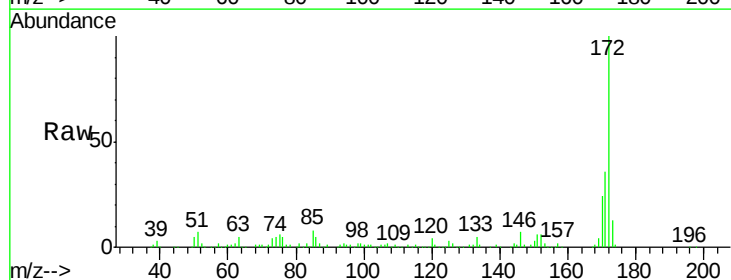


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

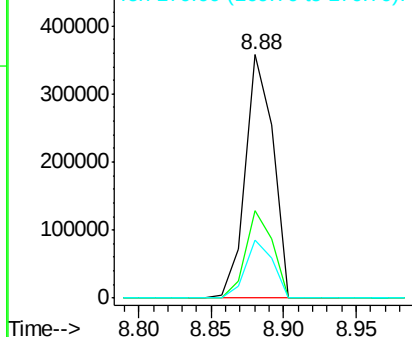
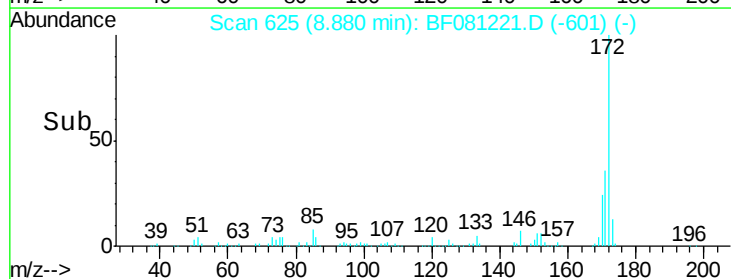


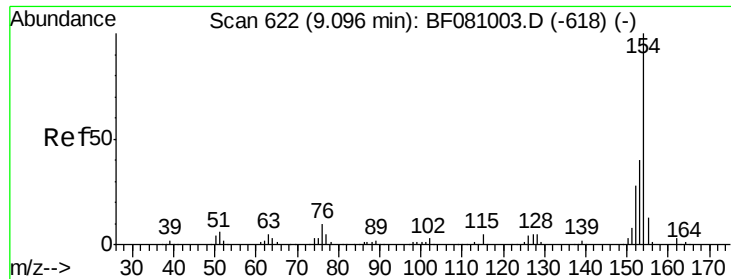
#44
 2-Fluorobiphenyl
 Concen: 75.24 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

Tgt Ion	172	Resp:	473250
	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.0	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: 43.80 ng

RT: 8.98 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampled :

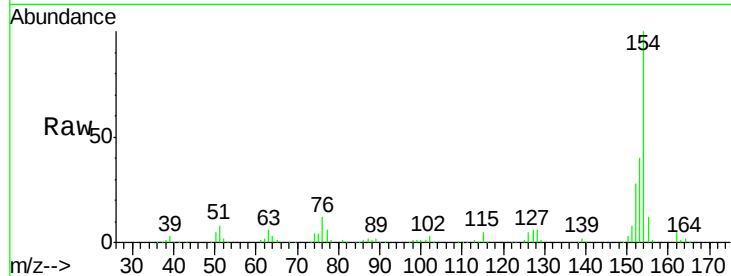
Tot Ion:154 Resp: 317970

Ion Ratio Lower Upper

154 100

153 40.1 19.5 59.5

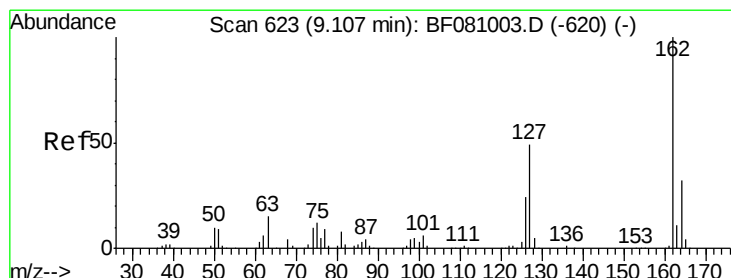
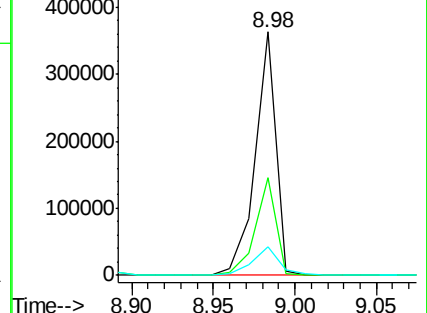
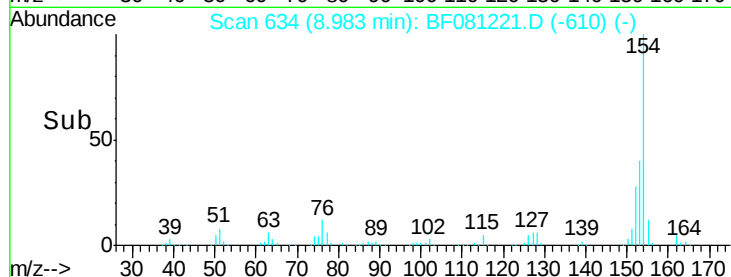
76 11.7 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.88 ng

RT: 8.99 min Scan# 635

Delta R.T. -0.04 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

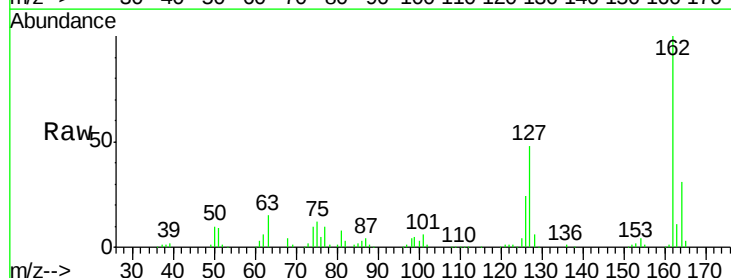
Tgt Ion:162 Resp: 215058

Ion Ratio Lower Upper

162 100

127 48.3 31.3 46.9#

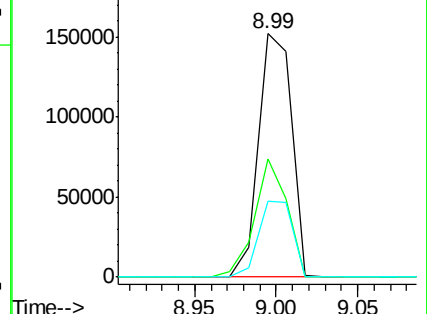
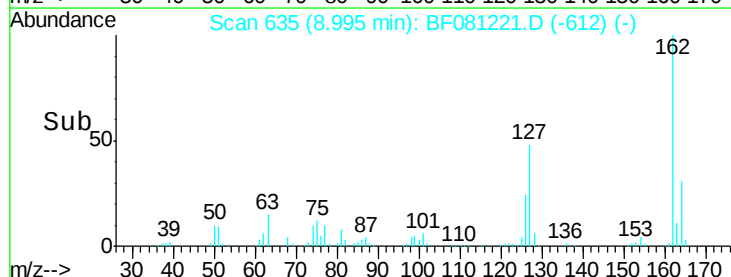
164 31.2 26.3 39.5

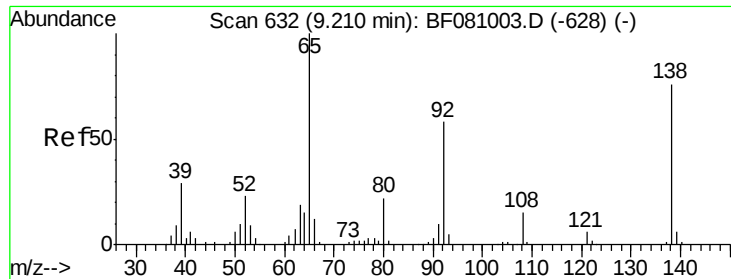


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

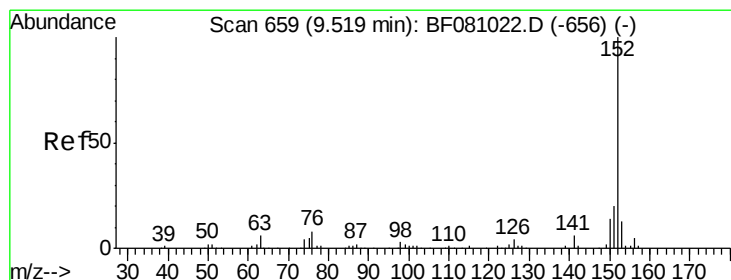
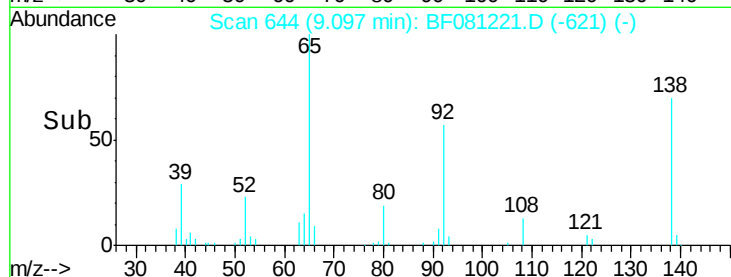
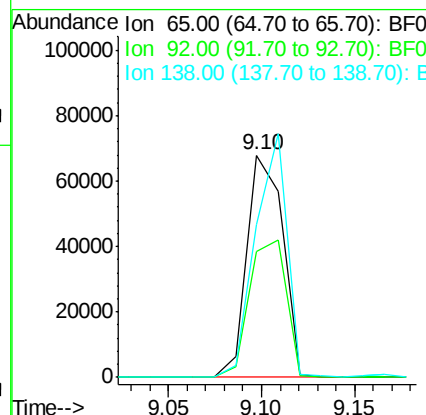
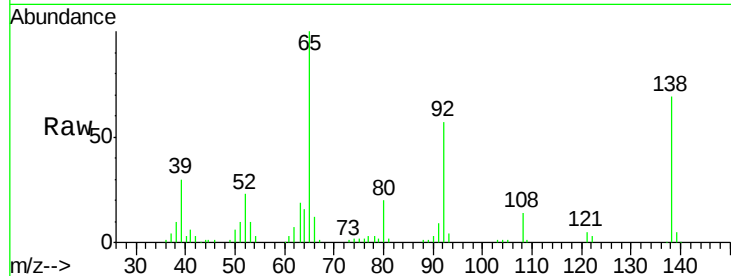




#47
2-Nitroaniline
Concen: 38.03 ng
RT: 9.10 min Scan# 644
Delta R.T. -0.04 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

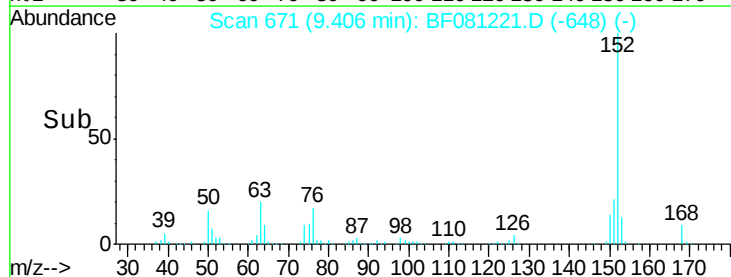
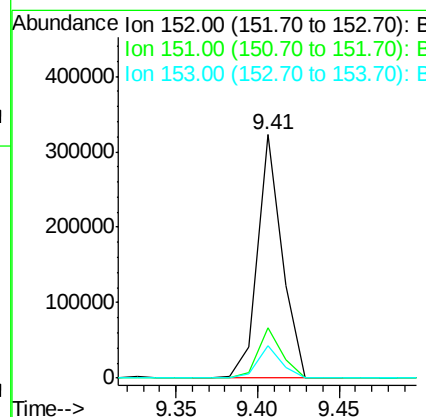
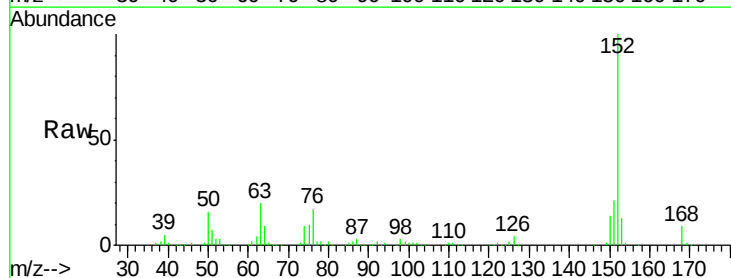
Instrument :
BNA_F
ClientSampled :

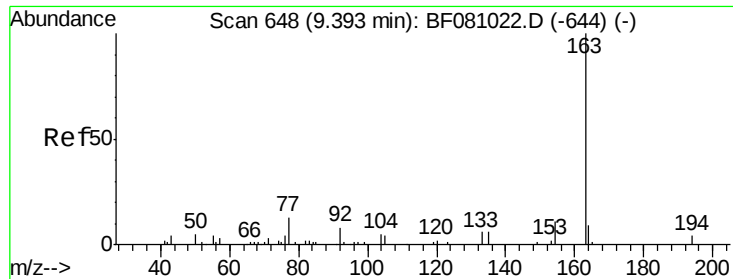
Tot Ion: 65 Resp: 90758
Ion Ratio Lower Upper
65 100
92 56.5 45.6 68.4
138 68.8 57.9 86.9



#48
Acenaphthylene
Concen: 32.25 ng
RT: 9.41 min Scan# 671
Delta R.T. -0.04 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Tgt Ion: 152 Resp: 336432
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 13.4 9.8 14.6





#49

Dimethylphthalate

Concen: 36.03 ng

RT: 9.29 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

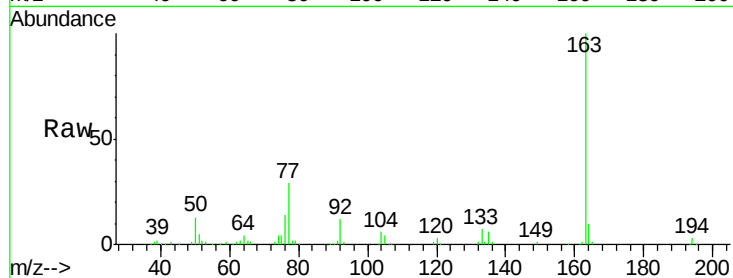
Tot Ion:163 Resp: 244575

Ion Ratio Lower Upper

163 100

194 3.0 2.5 3.7

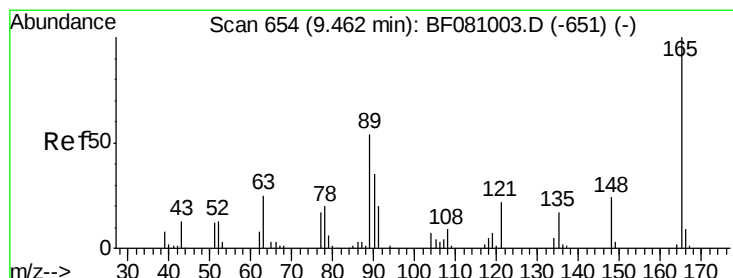
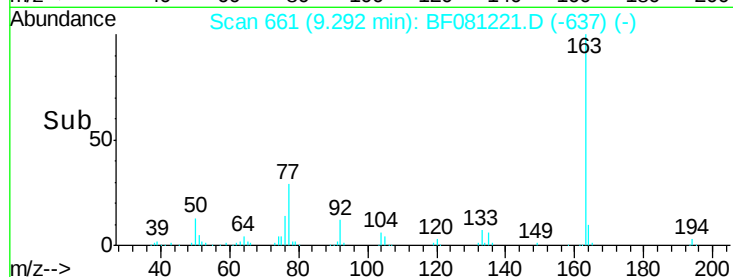
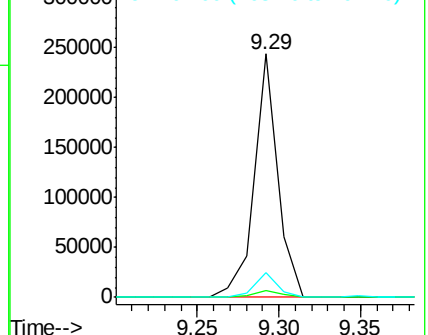
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.32 ng

RT: 9.35 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

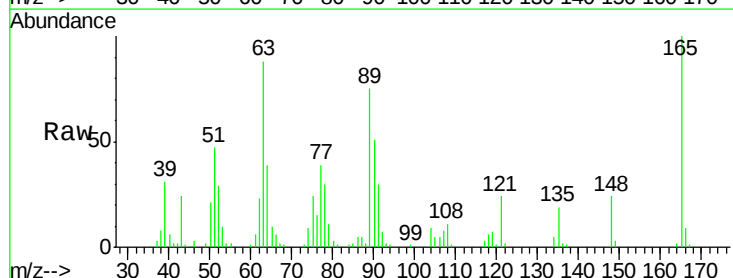
Tgt Ion:165 Resp: 54380

Ion Ratio Lower Upper

165 100

63 87.8 49.5 74.3#

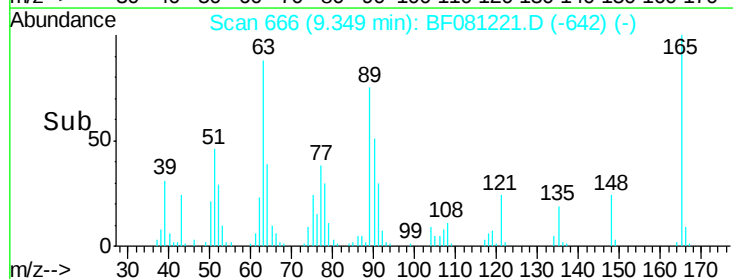
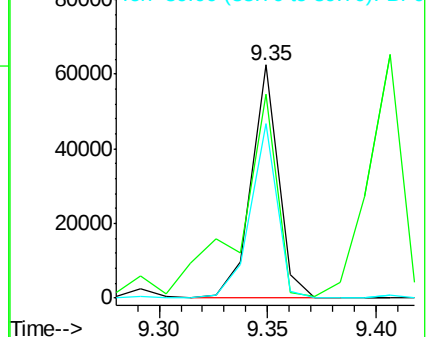
89 75.0 47.6 71.4#

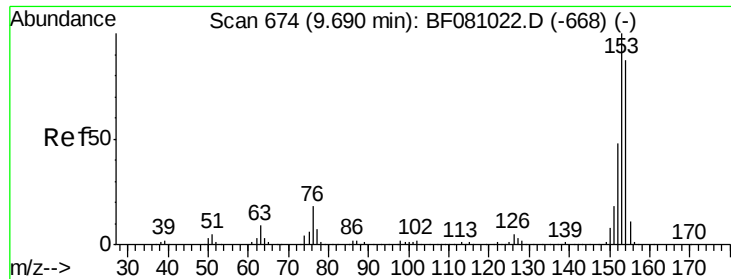


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 31.71 ng

RT: 9.58 min Scan# 686

Delta R.T. -0.04 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

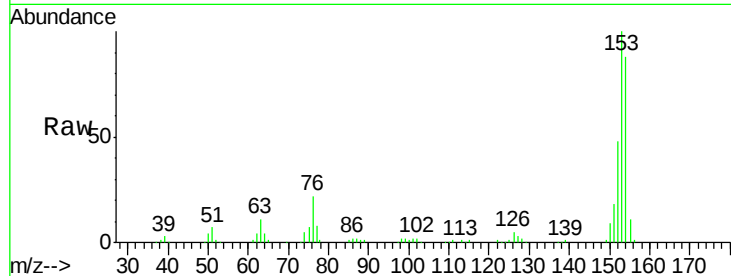
Tot Ion:154 Resp: 198044

Ion Ratio Lower Upper

154 100

153 113.5 91.4 137.2

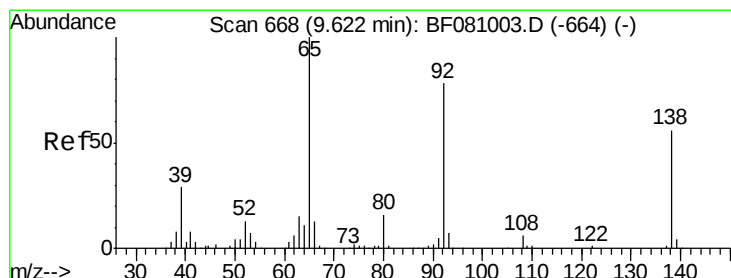
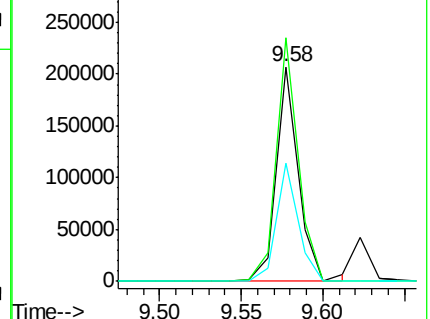
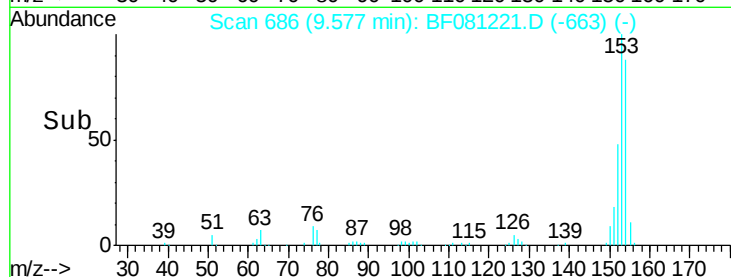
152 55.0 43.7 65.5



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: 21.00 ng

RT: 9.51 min Scan# 680

Delta R.T. -0.04 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

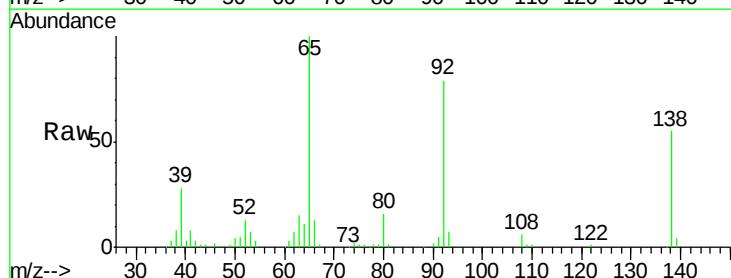
Tgt Ion:138 Resp: 38296

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.2

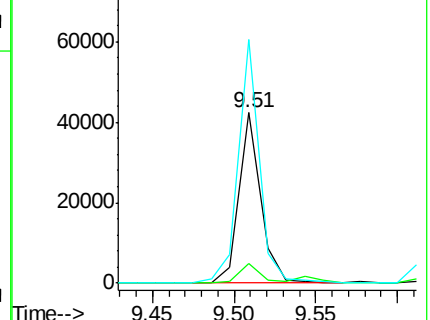
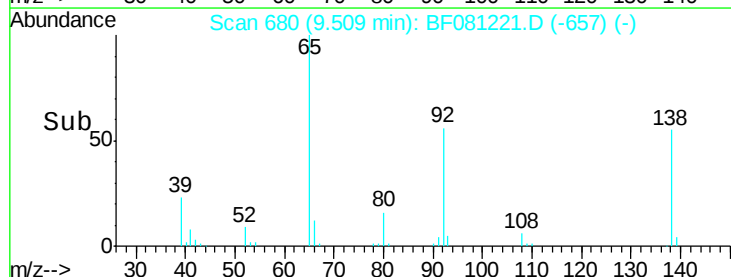
92 142.9 113.2 169.8

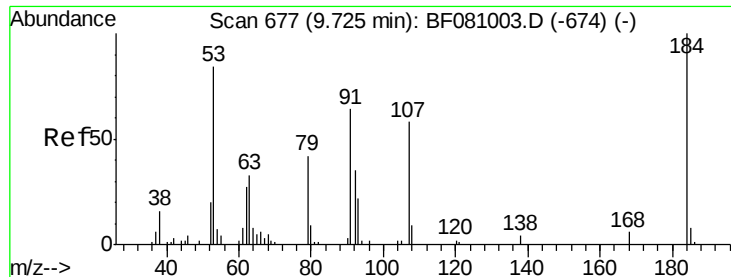


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

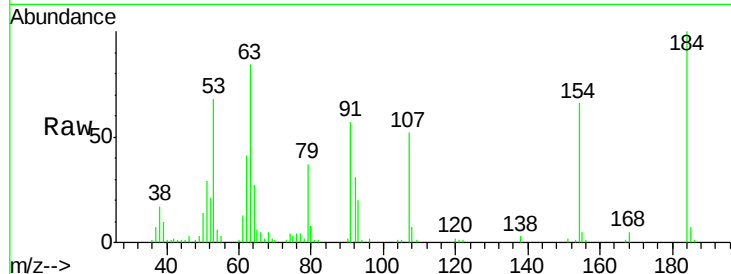




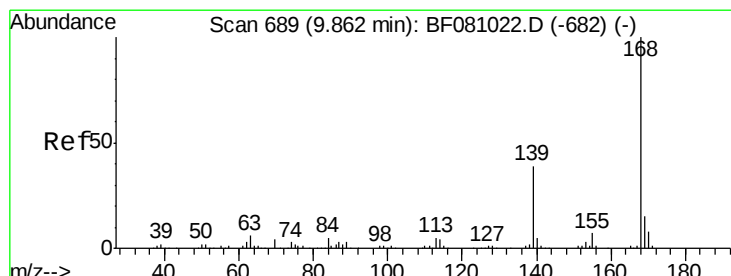
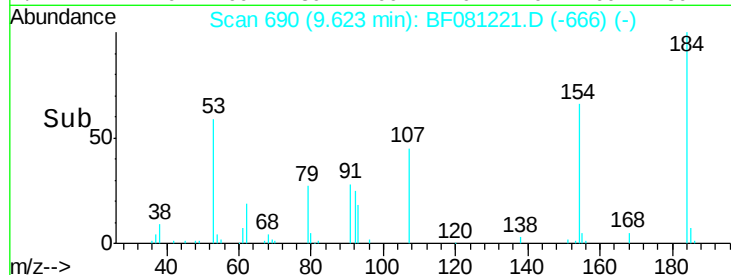
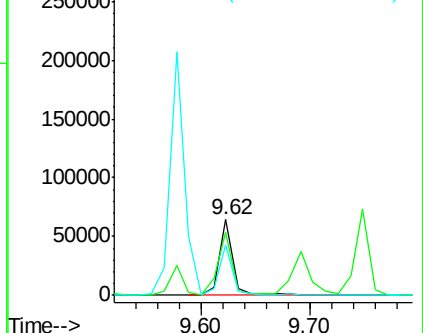
#53
2,4-Dinitrophenol
Concen: 71.93 ng
RT: 9.62 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 57139
Ion Ratio Lower Upper
184 100
63 84.4 101.7 152.5#
154 66.2 67.4 101.0#

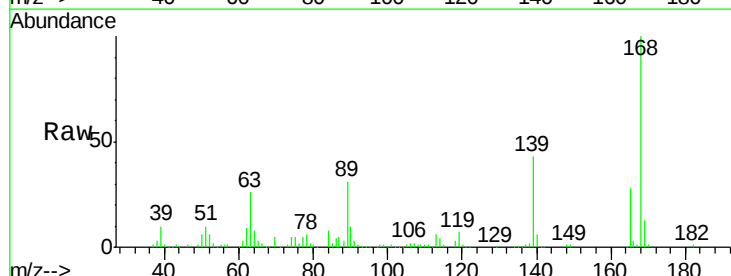


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

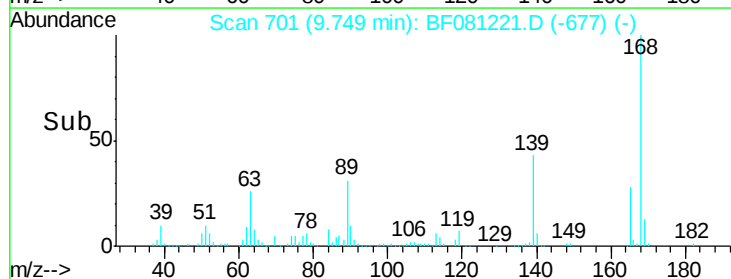
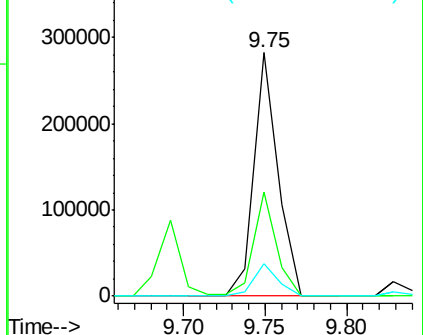


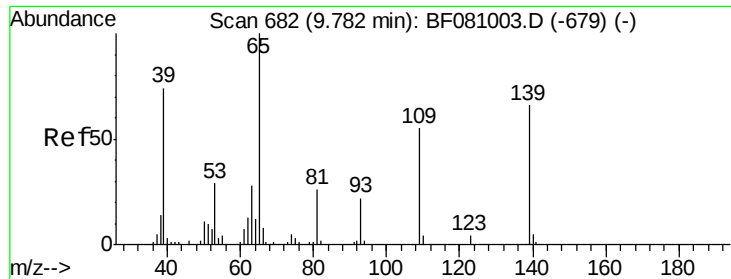
#54
Dibenzofuran
Concen: 34.66 ng
RT: 9.75 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Tgt Ion:168 Resp: 290111
Ion Ratio Lower Upper
168 100
139 42.6 29.3 43.9
169 13.3 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

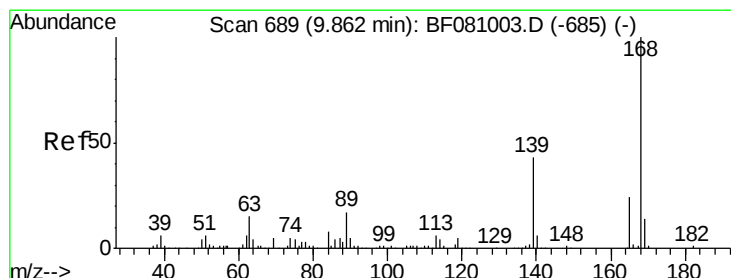
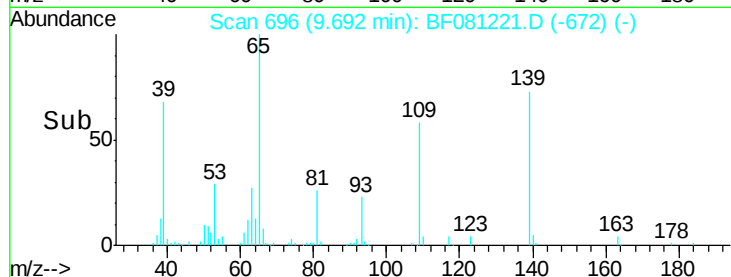
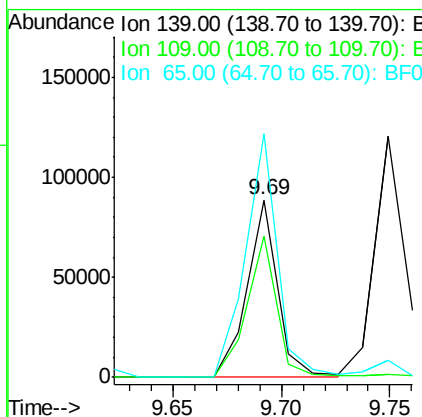
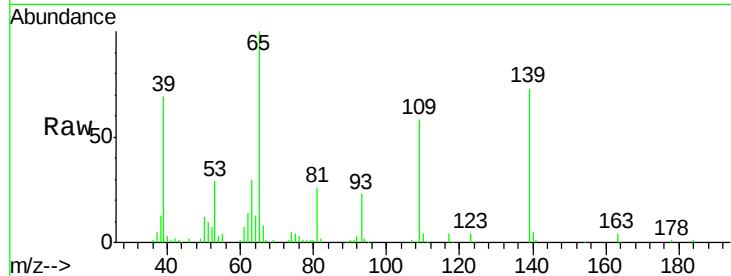




#55
4-Nitrophenol
Concen: 68.06 ng
RT: 9.69 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

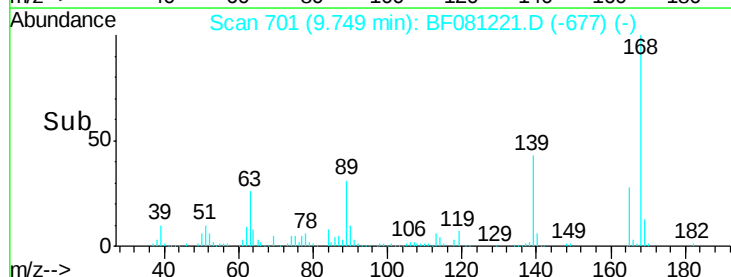
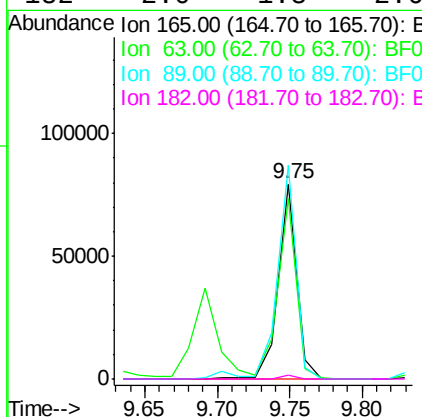
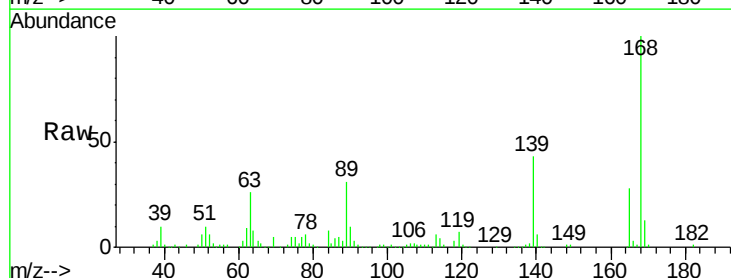
Instrument :
BNA_F
ClientSampleId :

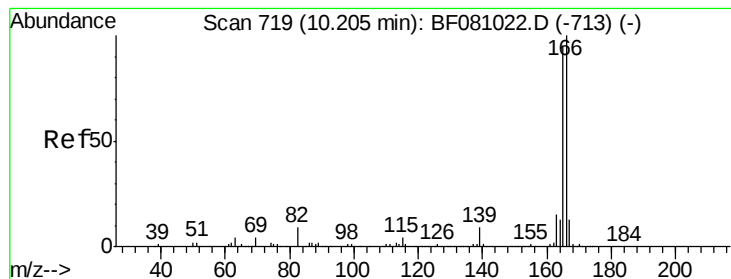
Tot Ion:139 Resp: 87165
Ion Ratio Lower Upper
139 100
109 79.4 80.0 120.0#
65 137.5 138.3 178.3#



#56
2,4-Dinitrotoluene
Concen: 36.50 ng
RT: 9.75 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Tgt Ion:165 Resp: 70497
Ion Ratio Lower Upper
165 100
63 92.7 52.2 78.4#
89 109.7 60.1 90.1#
182 2.0 1.8 2.6





#57

Fluorene

Concen: 38.53 ng

RT: 10.09 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

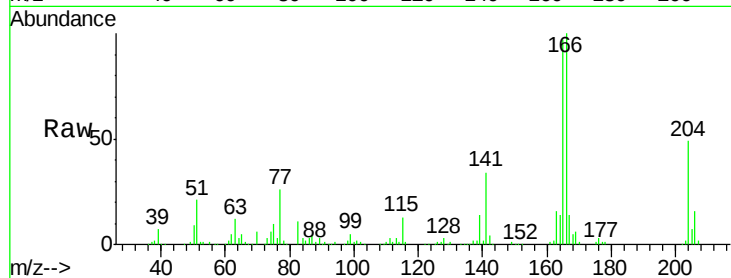
Tot Ion:166 Resp: 248083

Ion Ratio Lower Upper

166 100

165 96.8 75.8 113.8

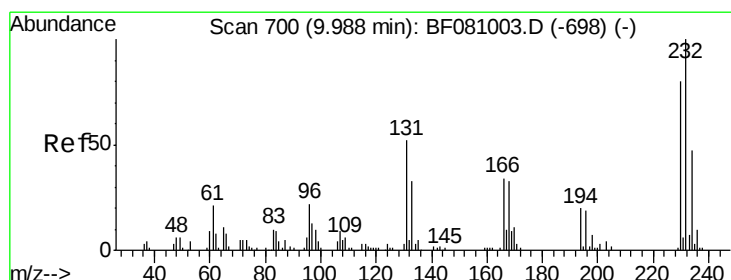
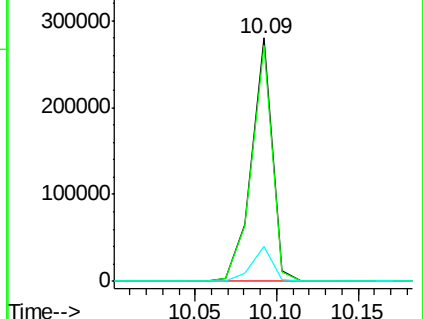
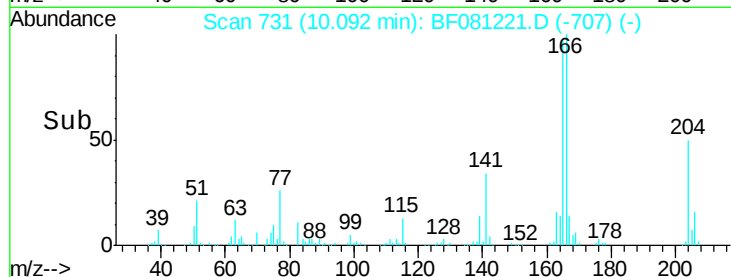
167 14.3 11.3 16.9



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: 38.13 ng

RT: 9.83 min Scan# 708

Delta R.T. -0.07 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Tgt Ion:232 Resp: 55405

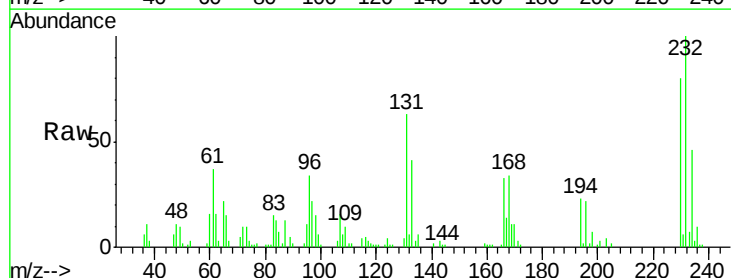
Ion Ratio Lower Upper

232 100

131 50.0 42.2 63.4

130 2.6 2.1 3.1

166 27.5 22.4 33.6

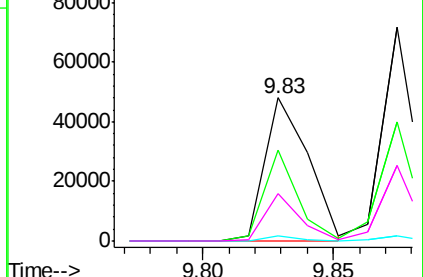
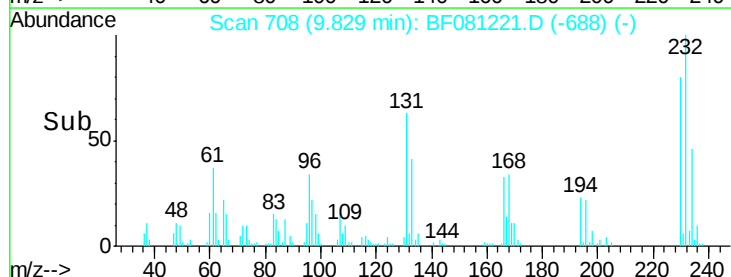


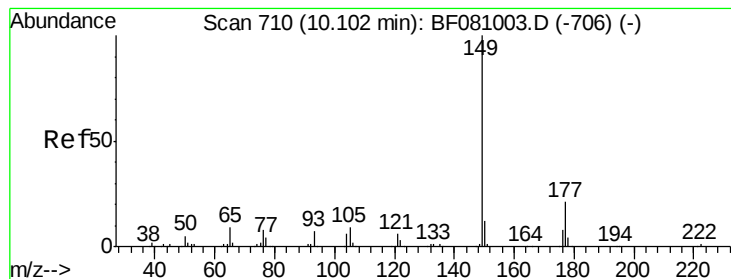
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.81 ng

RT: 9.99 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

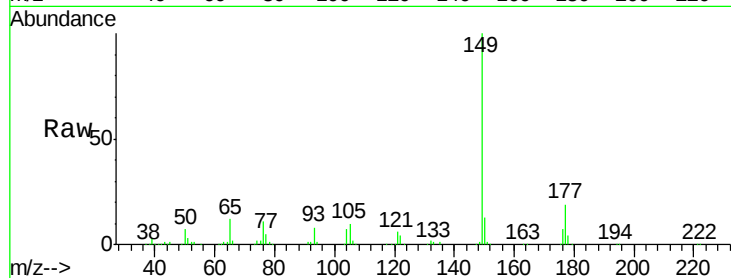
Tot Ion:149 Resp: 278845

Ion Ratio Lower Upper

149 100

177 19.5 14.1 21.1

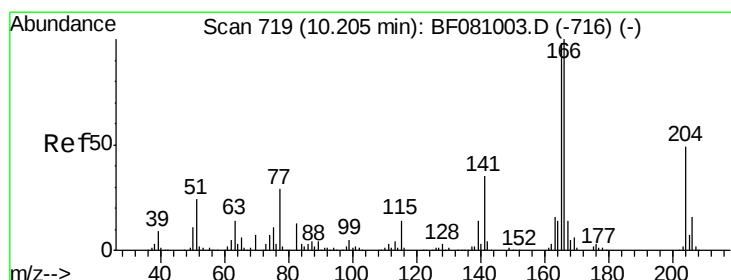
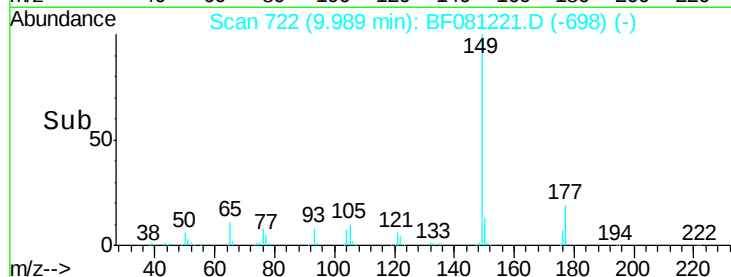
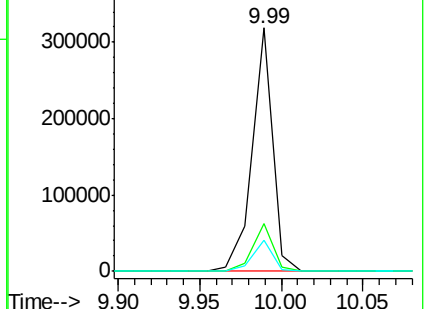
150 12.6 10.3 15.5



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: 41.29 ng

RT: 10.09 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

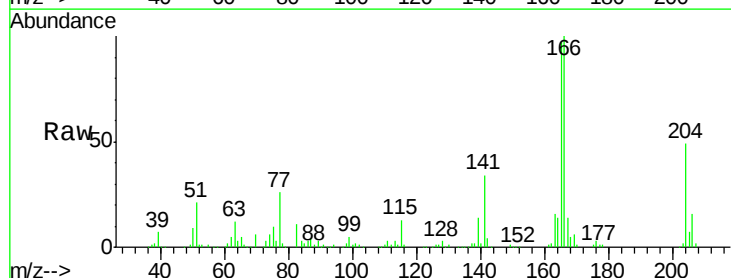
Tgt Ion:204 Resp: 112478

Ion Ratio Lower Upper

204 100

206 32.3 26.2 39.2

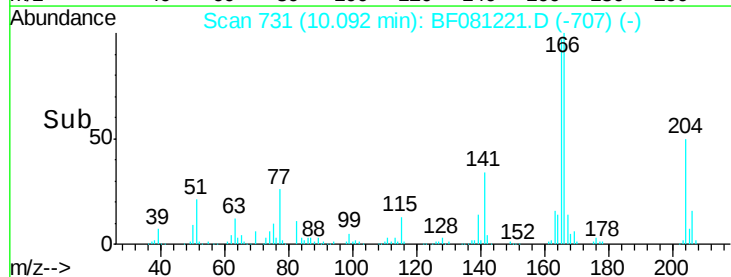
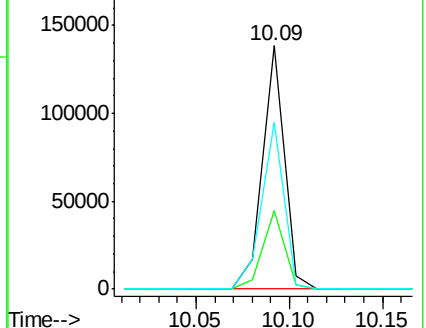
141 68.6 59.6 89.4

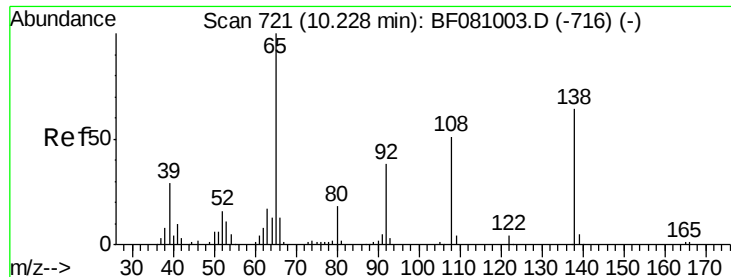


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

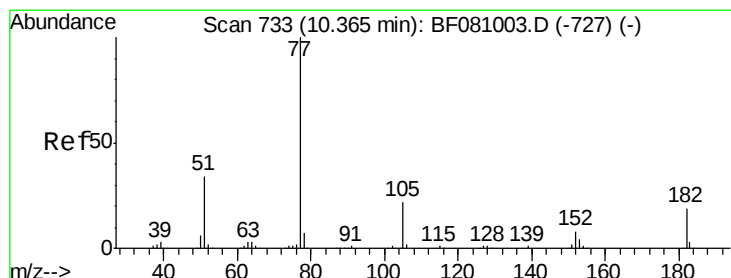
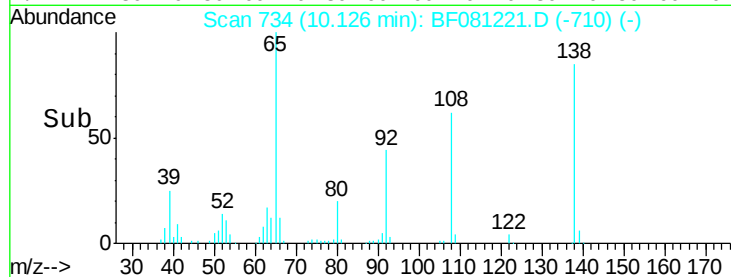
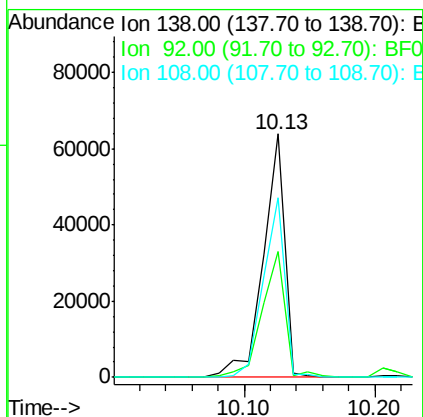
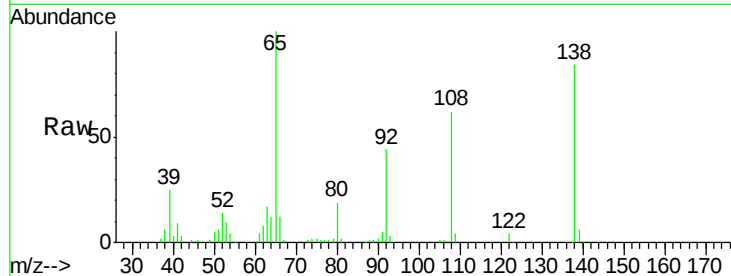




#61
4-Nitroaniline
Concen: 39.55 ng
RT: 10.13 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

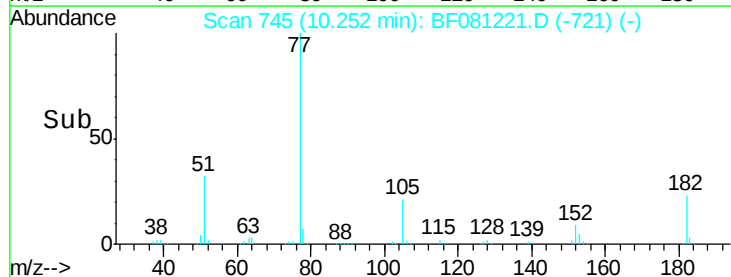
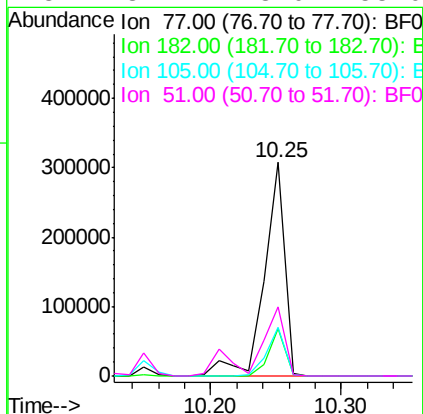
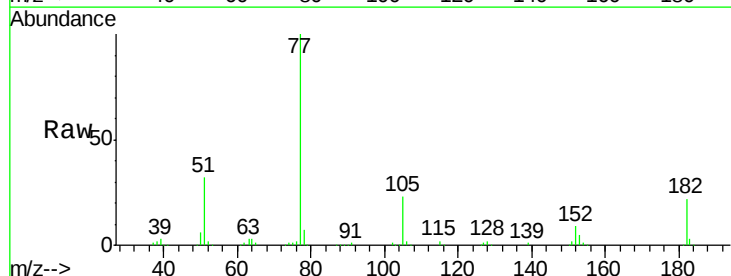
Instrument :
BNA_F
ClientSampleId :

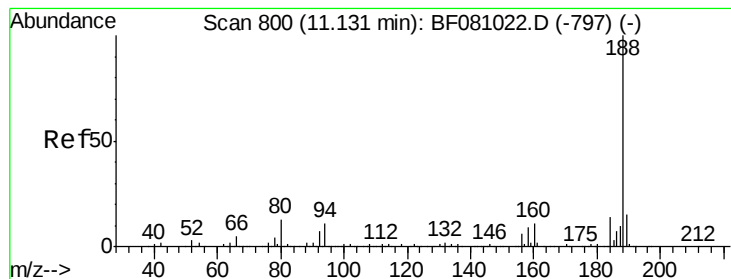
Tot Ion:138 Resp: 73710
Ion Ratio Lower Upper
138 100
92 51.9 34.7 74.7
108 73.8 68.9 108.9



#62
Azobenzene
Concen: 41.20 ng
RT: 10.25 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Tgt Ion: 77 Resp: 341041
Ion Ratio Lower Upper
77 100
182 22.3 0.0 39.0
105 22.9 0.2 40.2
51 32.2 18.0 58.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.02 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

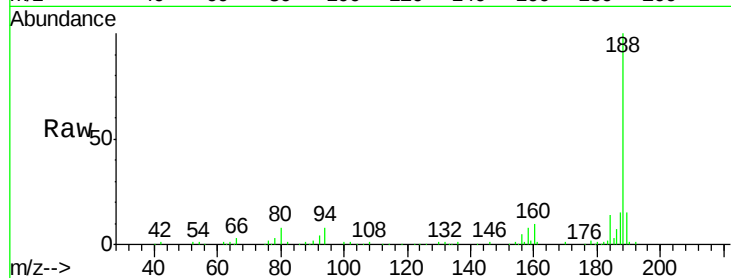
Tot Ion:188 Resp: 169237

Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.2#

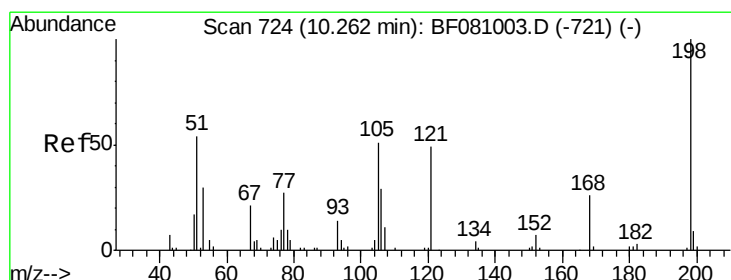
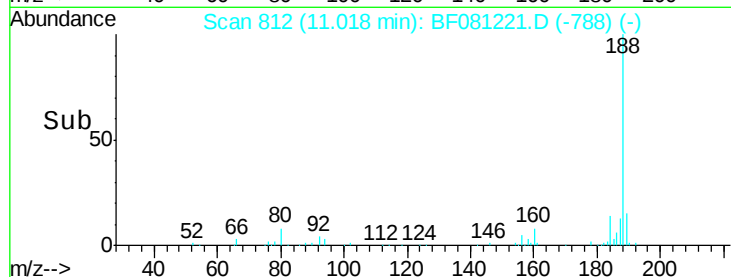
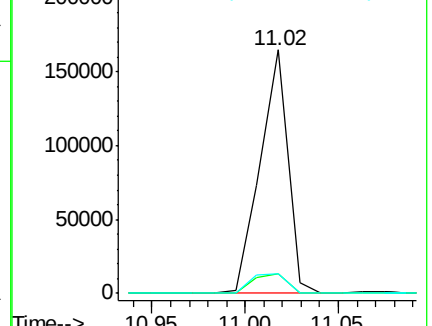
80 8.1 9.5 14.3#



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: 33.40 ng

RT: 10.15 min Scan# 736

Delta R.T. -0.04 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

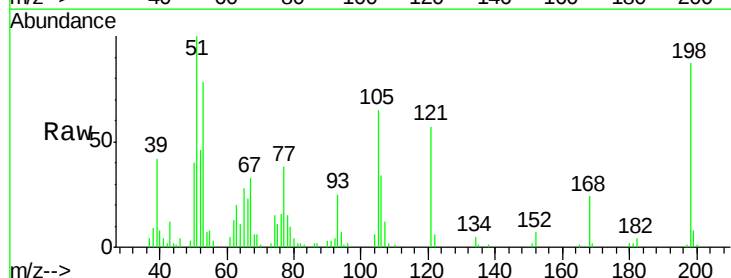
Tgt Ion:198 Resp: 33755

Ion Ratio Lower Upper

198 100

51 114.7 79.7 119.7

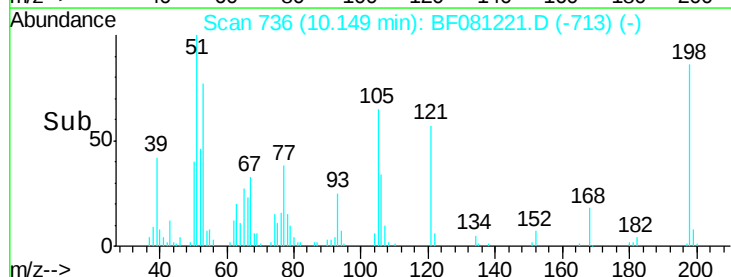
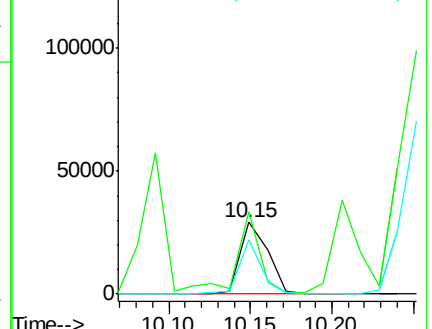
105 74.5 47.0 87.0

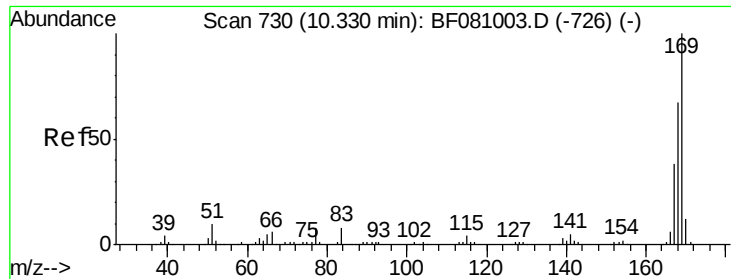


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

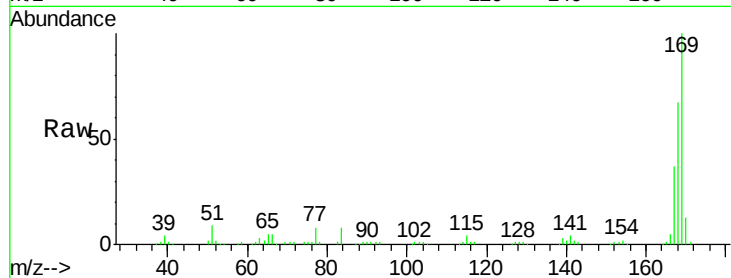




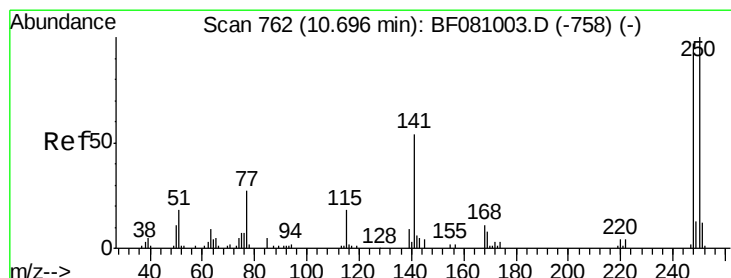
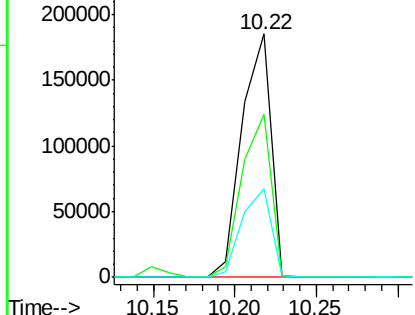
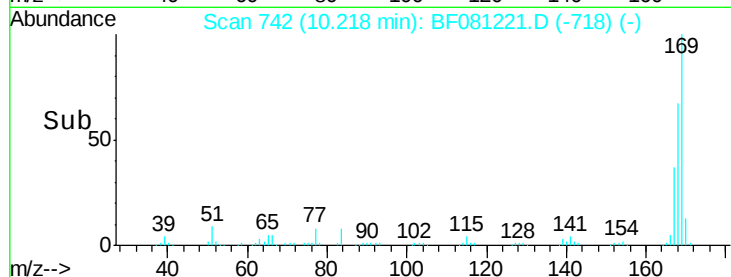
#65
 n-Nitrosodiphenylamine
 Concen: 37.77 ng
 RT: 10.22 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	55.3	82.9
167	36.6	30.8	46.2

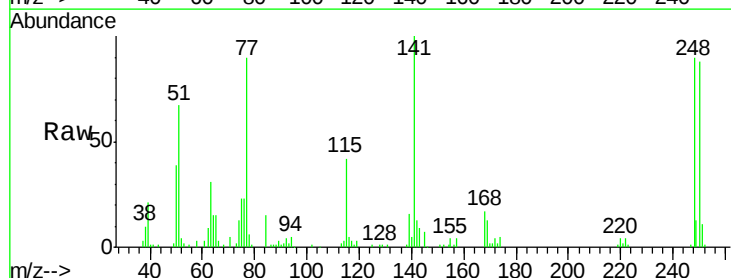


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

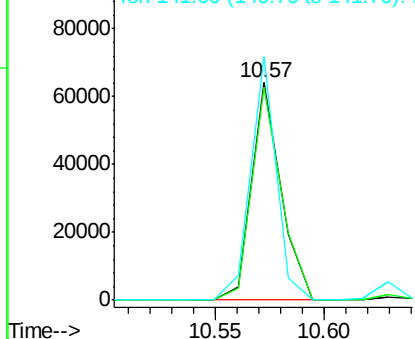
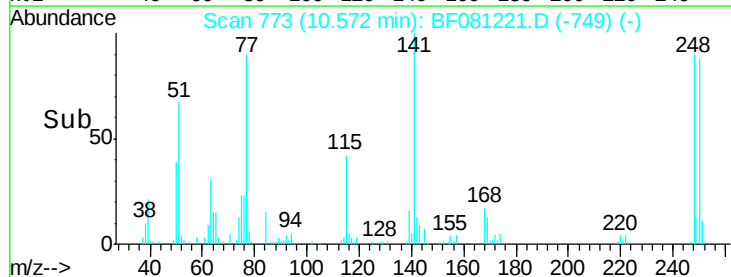


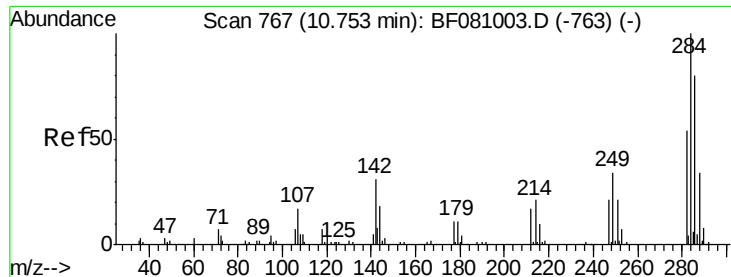
#66
 4-Bromophenyl-phenylether
 Concen: 36.08 ng
 RT: 10.57 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.8	116.6
141	111.7	39.8	59.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

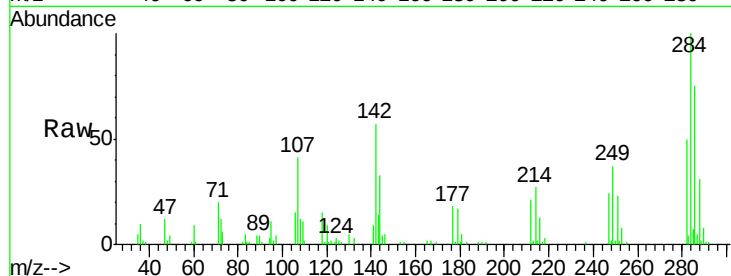




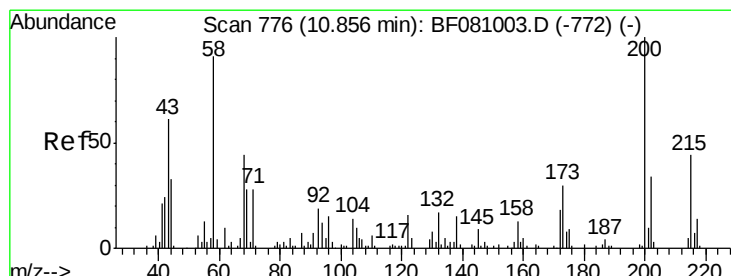
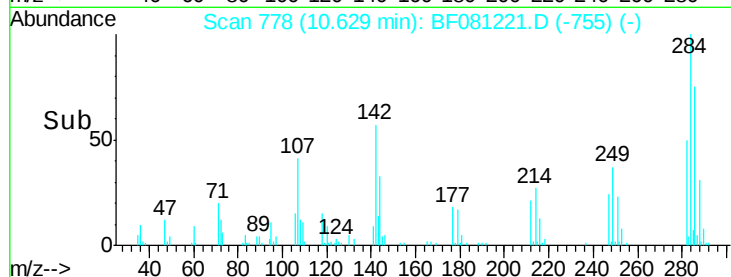
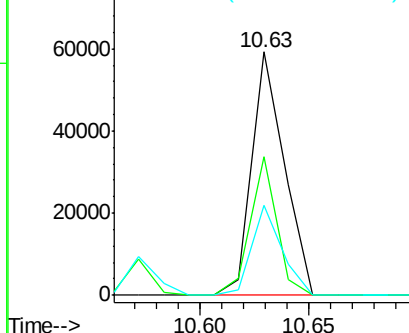
#67
Hexachlorobenzene
Concen: 36.65 ng
RT: 10.63 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 61702
Ion Ratio Lower Upper
284 100
142 57.2 25.4 38.0#
249 37.1 28.5 42.7

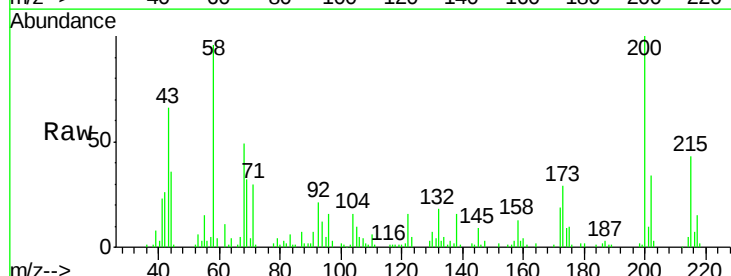


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

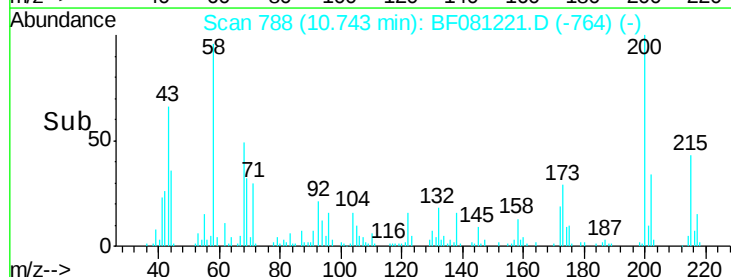
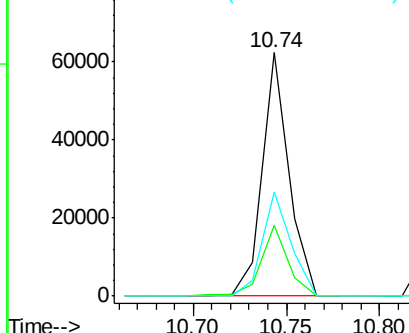


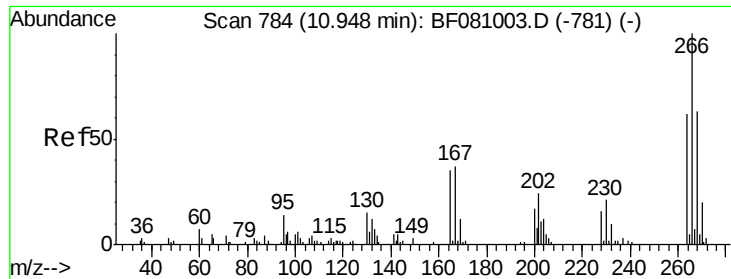
#68
Atrazine
Concen: 37.25 ng
RT: 10.74 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Tgt Ion:200 Resp: 62702
Ion Ratio Lower Upper
200 100
173 28.9 8.1 48.1
215 43.0 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

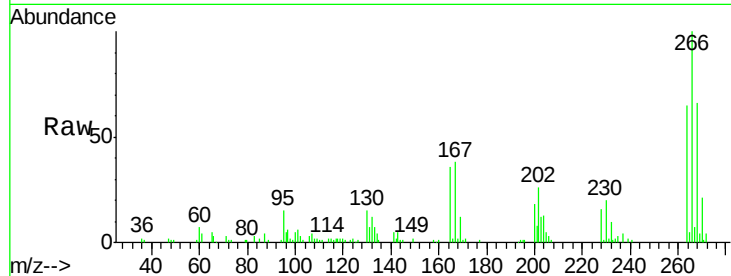




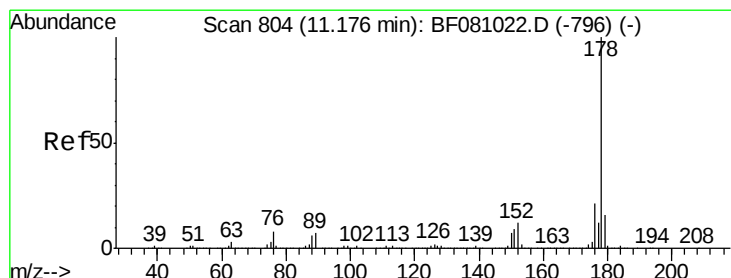
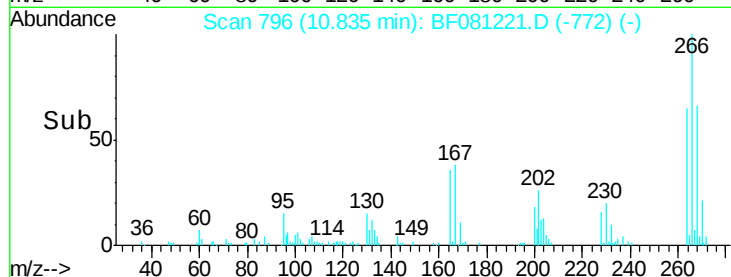
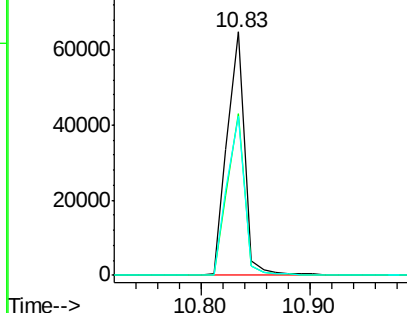
#69
 Pentachlorophenol
 Concen: 71.80 ng
 RT: 10.83 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:266 Resp: 72538
 Ion Ratio Lower Upper
 266 100
 268 66.3 51.2 76.8
 264 65.5 50.6 75.8

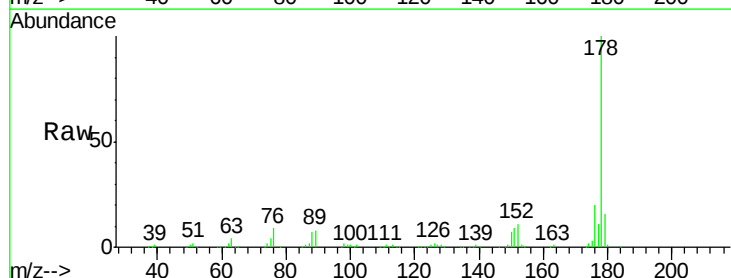


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

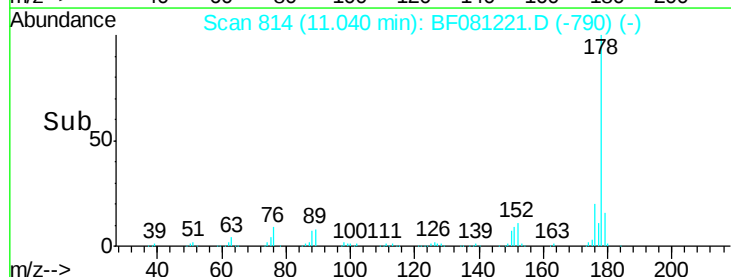
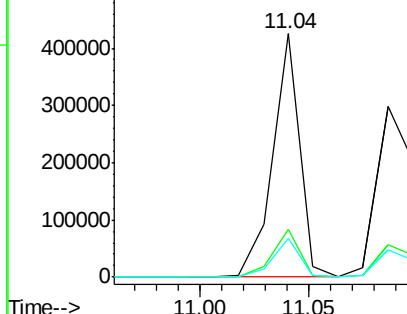


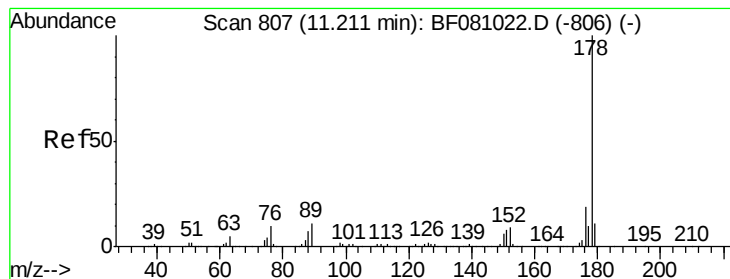
#70
 Phenanthrene
 Concen: 37.02 ng
 RT: 11.04 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

Tgt Ion:178 Resp: 371269
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.7 23.5
 179 15.9 12.2 18.2



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





#71

Anthracene

Concen: 36.82 ng

RT: 11.09 min Scan# 818

Delta R.T. -0.04 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :
BNA_F
ClientSampleId :

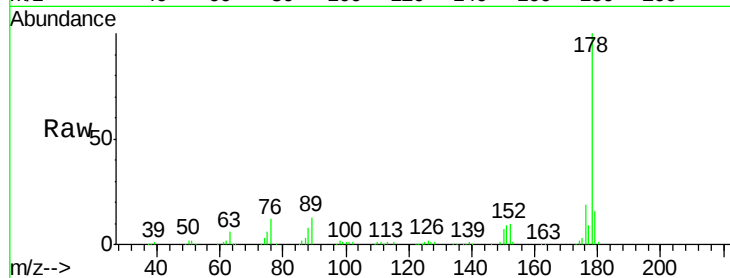
Tot Ion:178 Resp: 359344

Ion Ratio Lower Upper

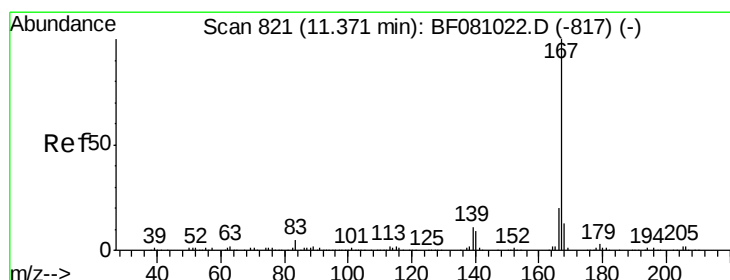
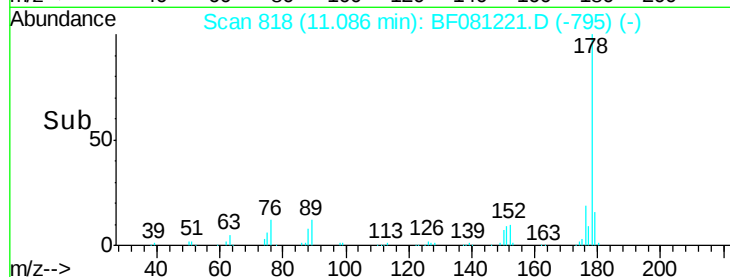
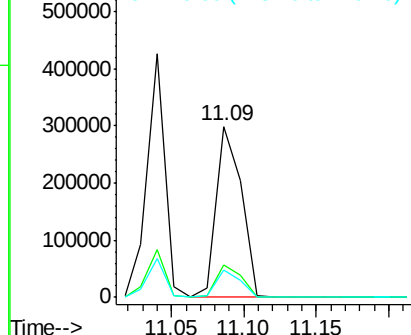
178 100

176 18.7 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: 37.11 ng

RT: 11.25 min Scan# 832

Delta R.T. -0.04 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

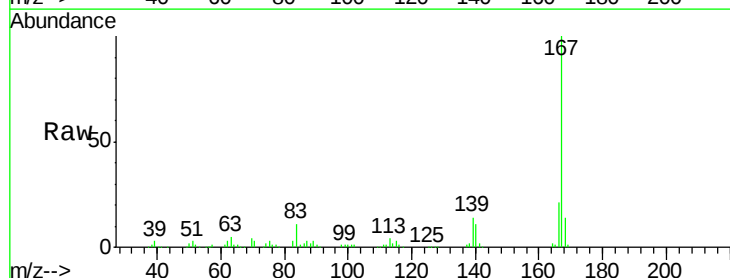
Tgt Ion:167 Resp: 348715

Ion Ratio Lower Upper

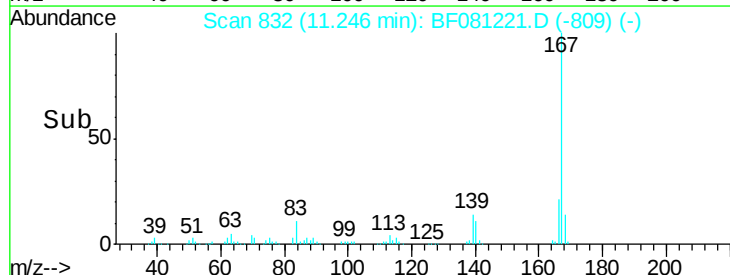
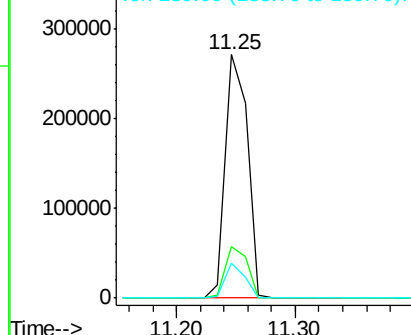
167 100

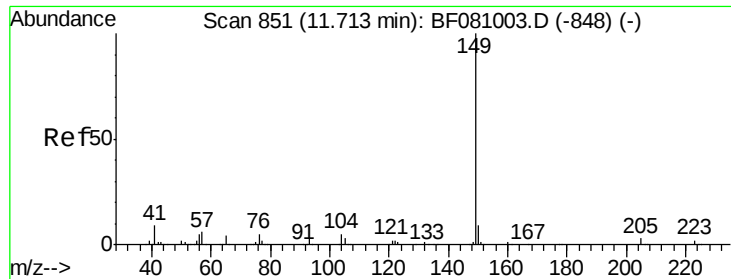
166 21.3 17.4 26.0

139 14.4 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

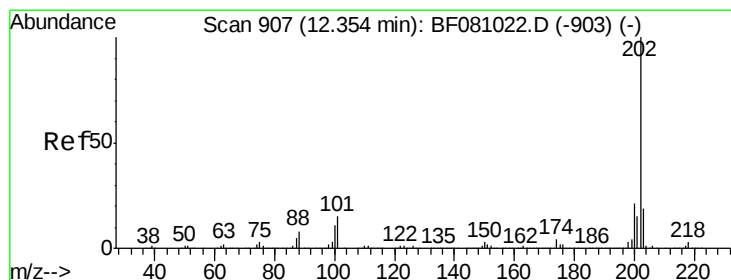
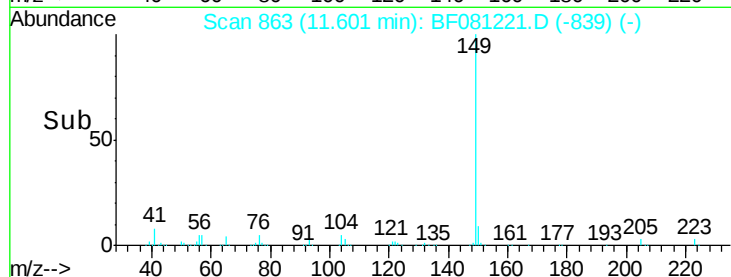
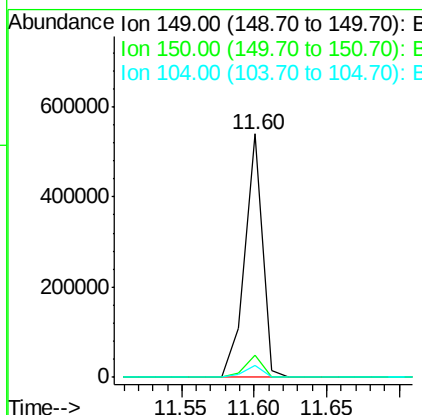
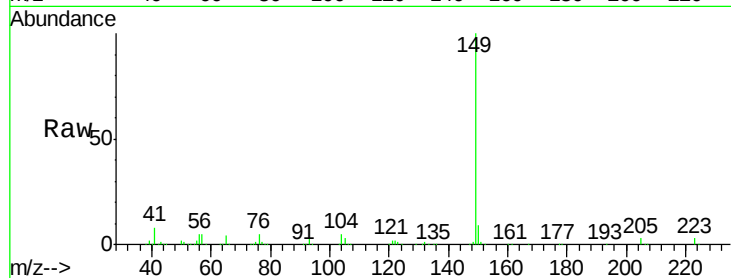




#73
Di-n-butylphthalate
Concen: 40.10 ng
RT: 11.60 min Scan# 863
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

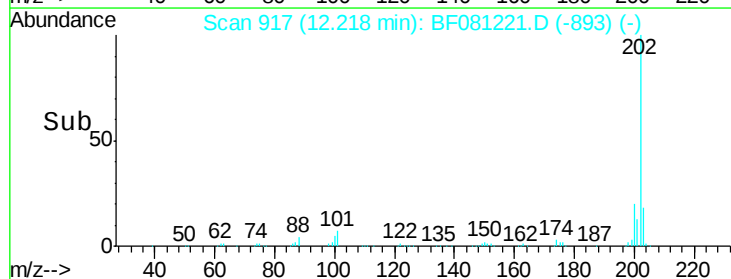
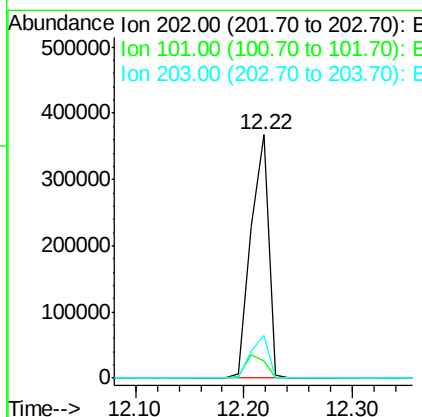
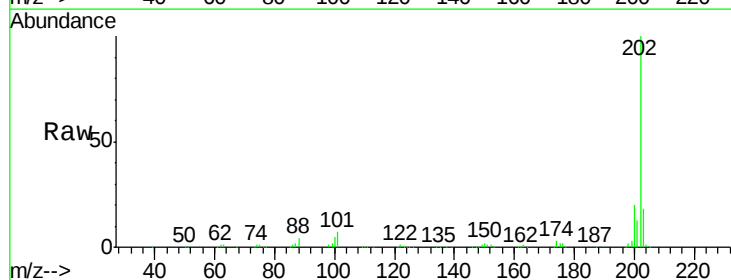
Instrument :
BNA_F
ClientSampleId :

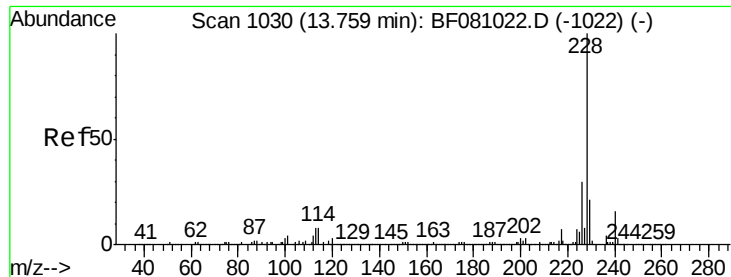
Tot Ion:149 Resp: 455980
Ion Ratio Lower Upper
149 100
150 9.3 7.1 10.7
104 4.9 3.9 5.9



#74
Fluoranthene
Concen: 38.86 ng
RT: 12.22 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Tgt Ion:202 Resp: 420565
Ion Ratio Lower Upper
202 100
101 7.2 0.0 24.8
203 17.6 0.0 36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.64 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

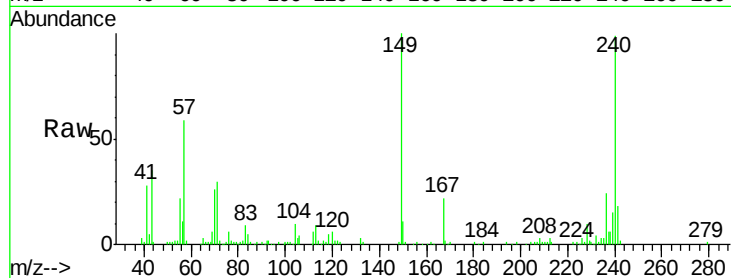
Tot Ion:240 Resp: 126368

Ion Ratio Lower Upper

240 100

120 5.7 5.6 8.4

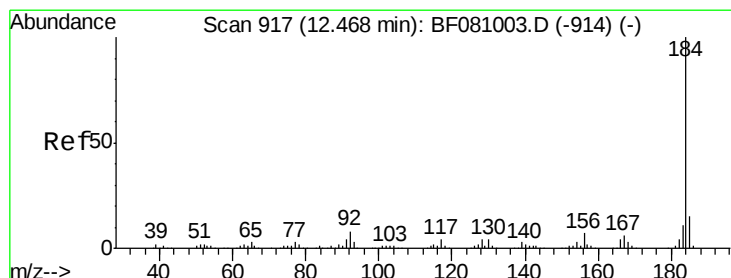
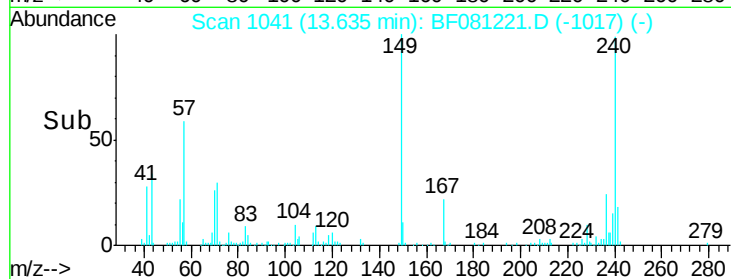
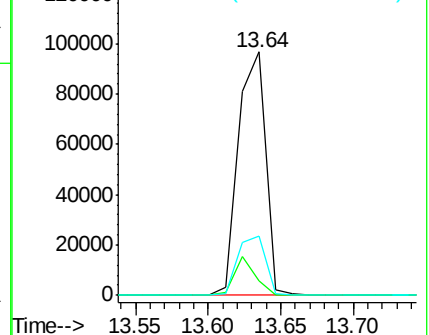
236 24.5 20.6 30.8



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: 34.54 ng

RT: 12.34 min Scan# 928

Delta R.T. -0.04 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

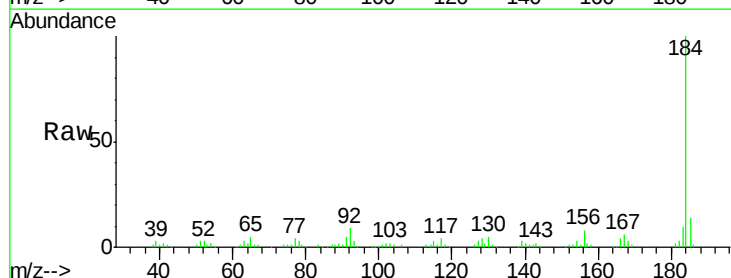
Tgt Ion:184 Resp: 164870

Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

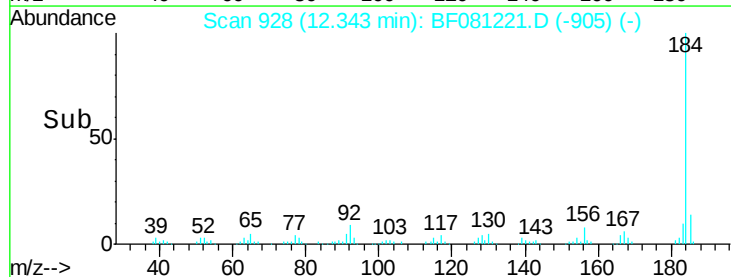
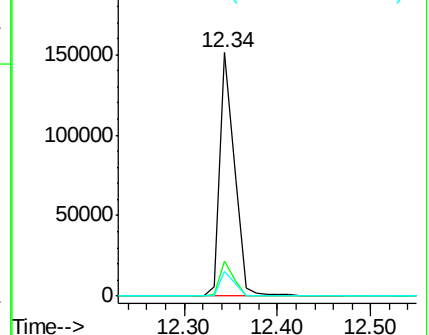
183 10.2 8.9 13.3

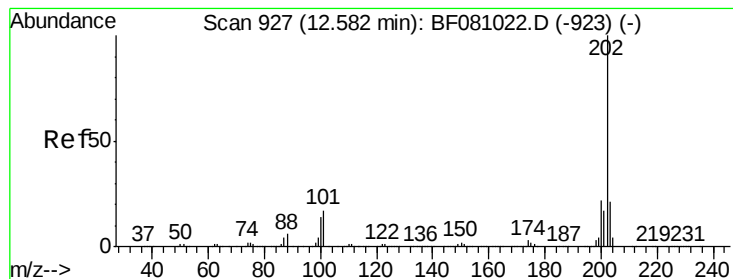


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.59 ng

RT: 12.43 min Scan# 936

Delta R.T. -0.04 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampled :

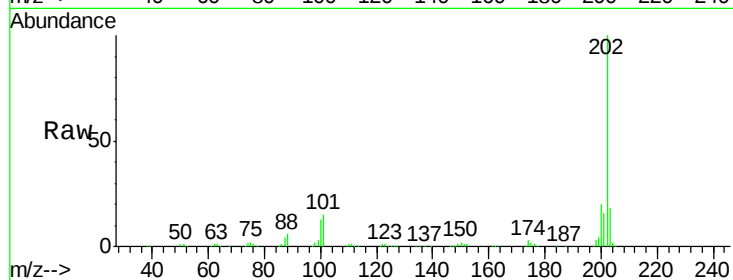
Tot Ion:202 Resp: 386186

Ion Ratio Lower Upper

202 100

200 19.9 16.6 24.8

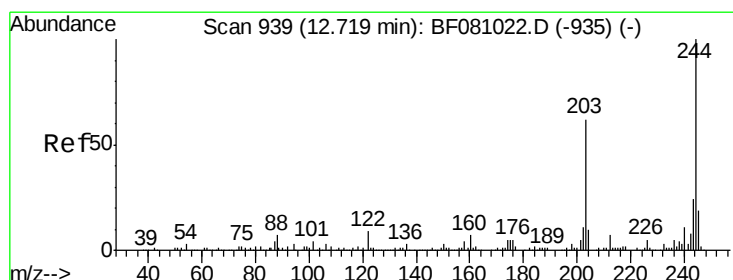
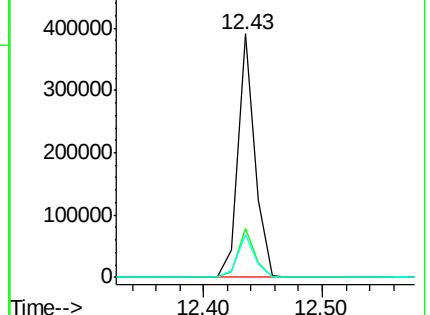
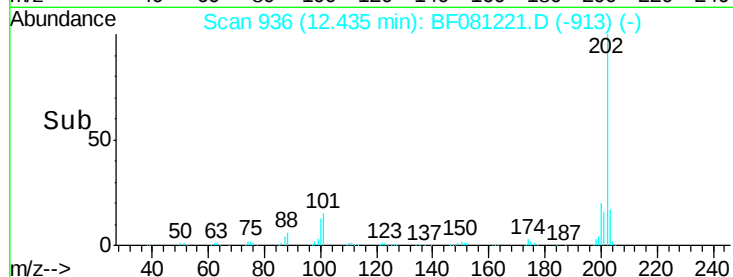
203 17.7 14.1 21.1



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: 70.22 ng

RT: 12.59 min Scan# 950

Delta R.T. -0.04 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

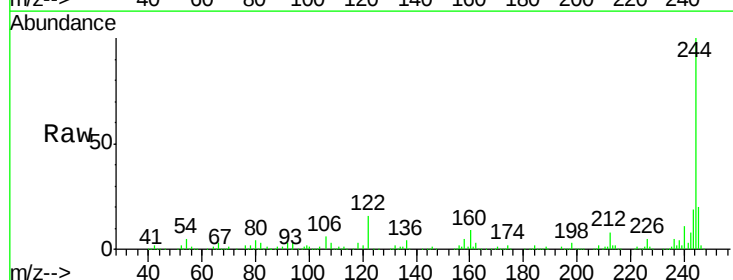
Tgt Ion:244 Resp: 413900

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

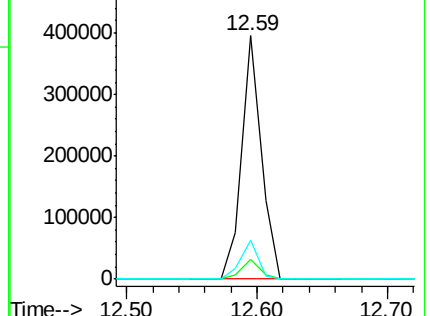
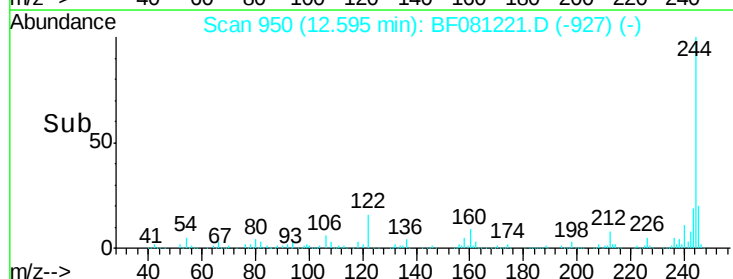
122 15.7 8.2 12.4#

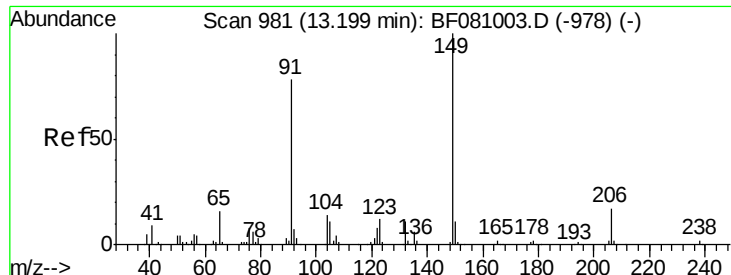


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

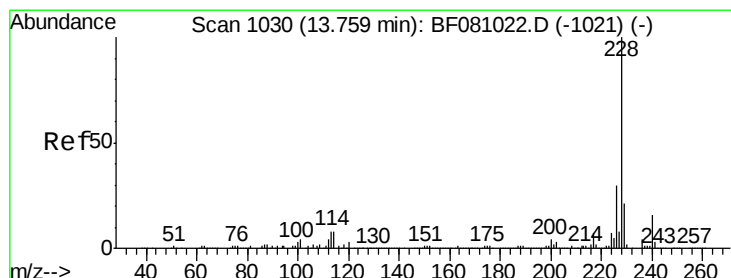
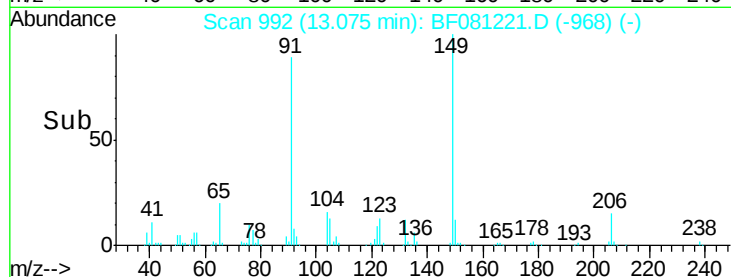
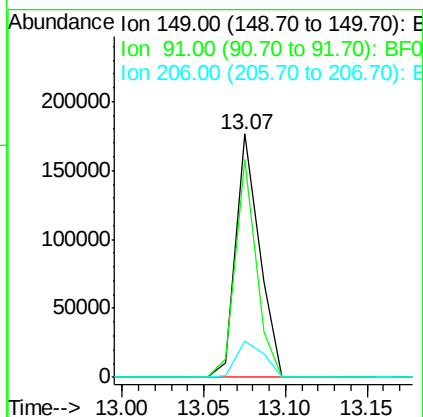
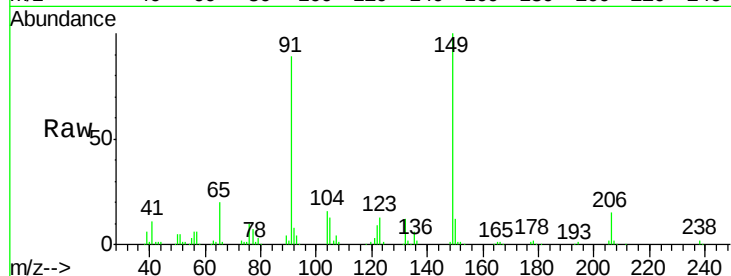




#79
Butylbenzylphthalate
Concen: 39.86 ng
RT: 13.07 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

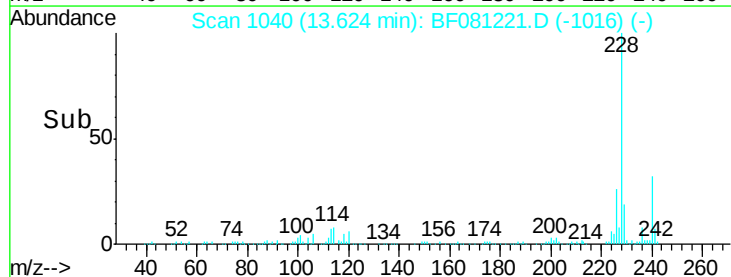
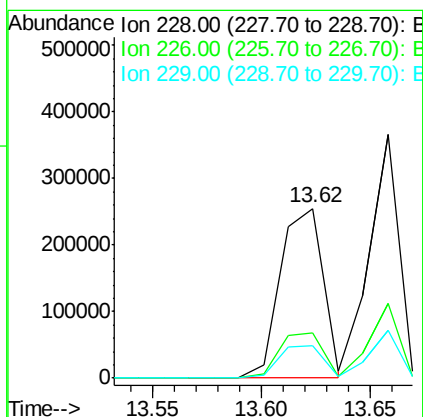
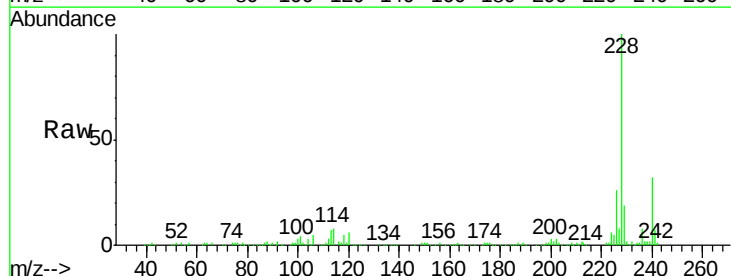
Instrument :
BNA_F
ClientSampleId :

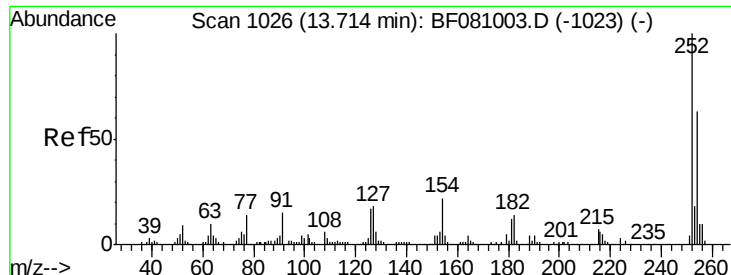
Tot Ion:149 Resp: 175996
Ion Ratio Lower Upper
149 100
91 89.4 46.9 70.3#
206 14.7 17.0 25.4#



#80
Benzo(a)anthracene
Concen: 41.46 ng
RT: 13.62 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Tgt Ion:228 Resp: 351324
Ion Ratio Lower Upper
228 100
226 26.4 22.3 33.5
229 19.3 15.9 23.9

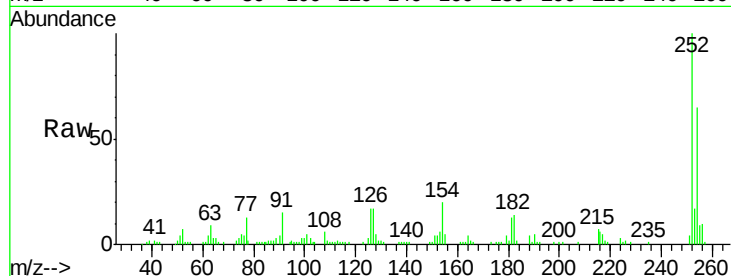




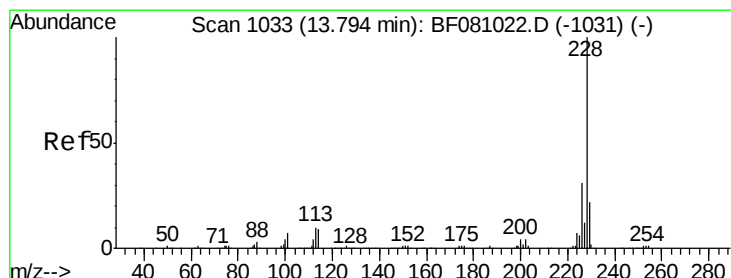
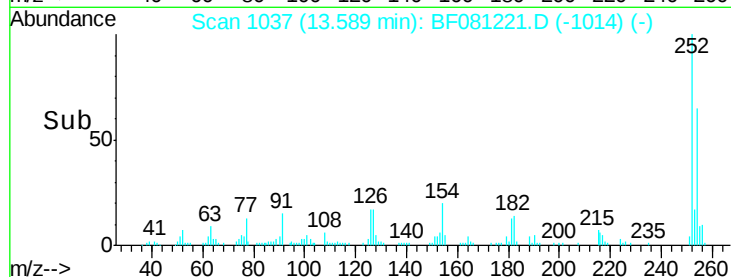
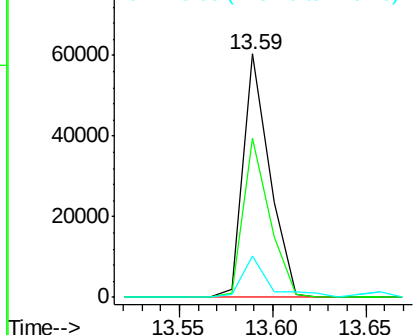
#81
 3,3'-Dichlorobenzidine
 Concen: 21.74 ng
 RT: 13.59 min Scan# 1037
 Delta R.T. -0.04 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.5	77.3
126	16.9	12.5	18.7

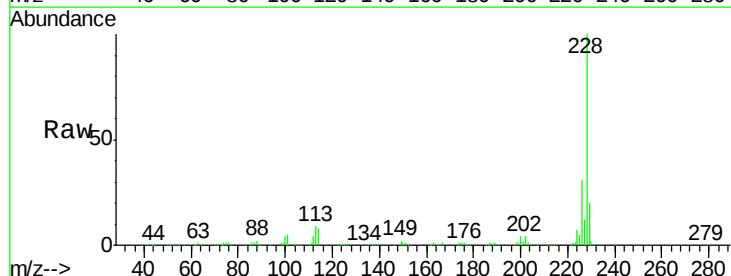


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

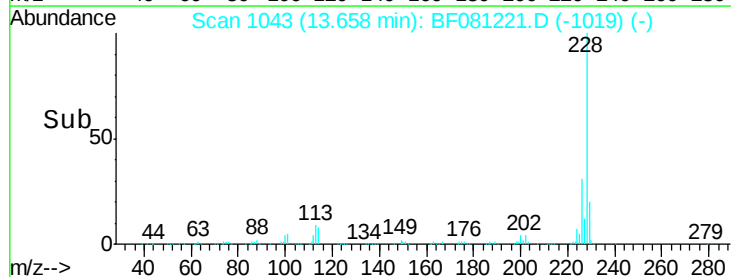
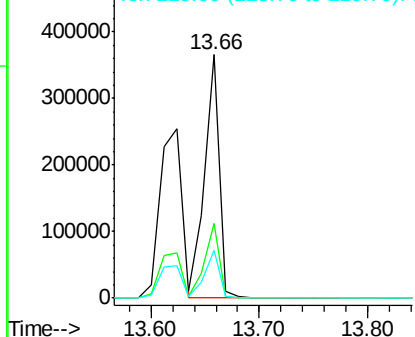


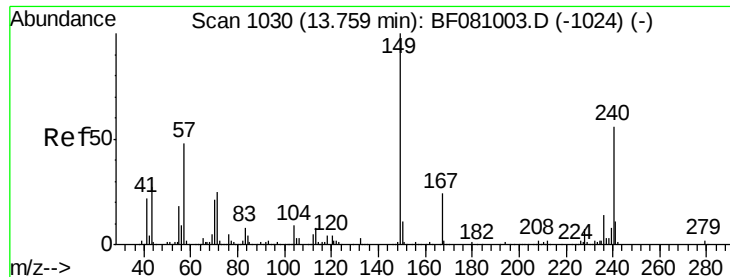
#82
 Chrysene
 Concen: 45.47 ng
 RT: 13.66 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.9	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

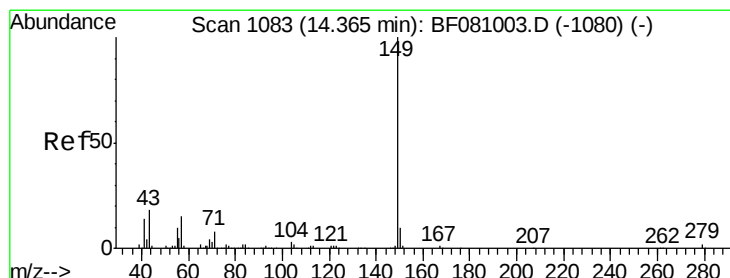
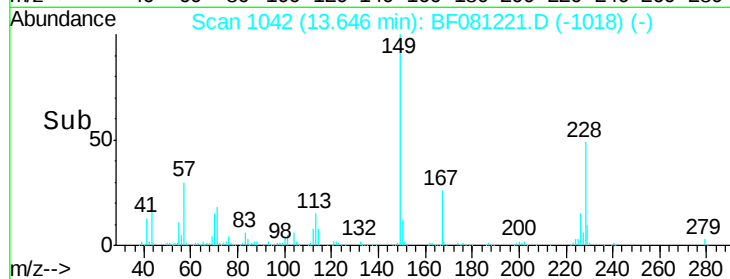
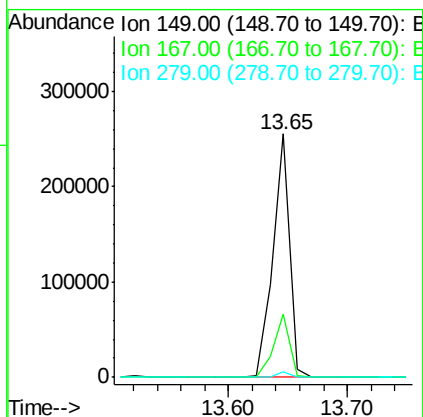
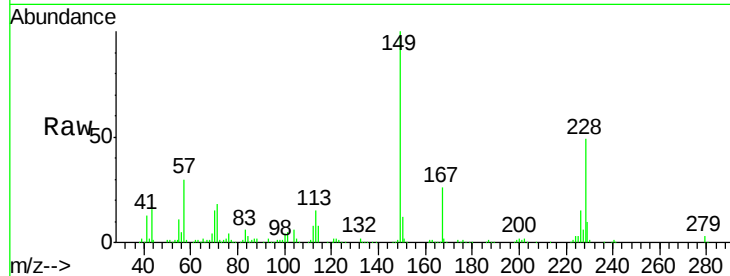




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.25 ng
 RT: 13.65 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

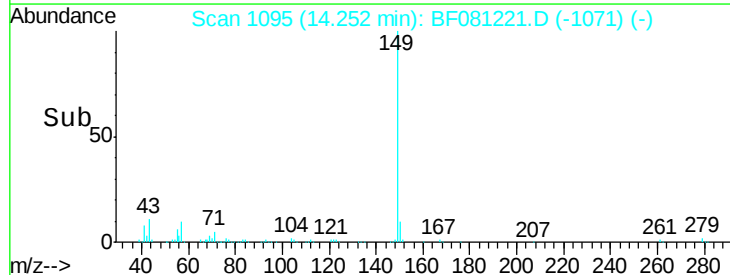
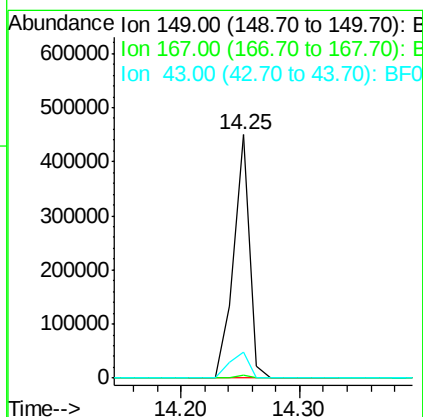
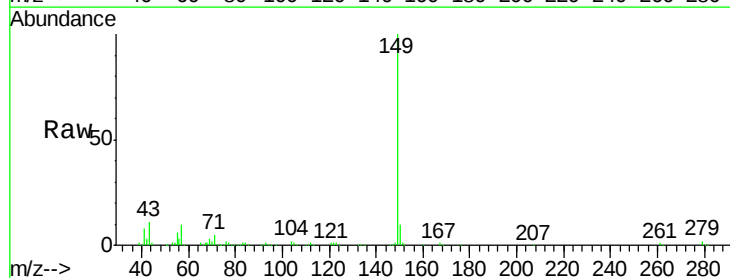
Instrument :
 BNA_F
 ClientSampleId :

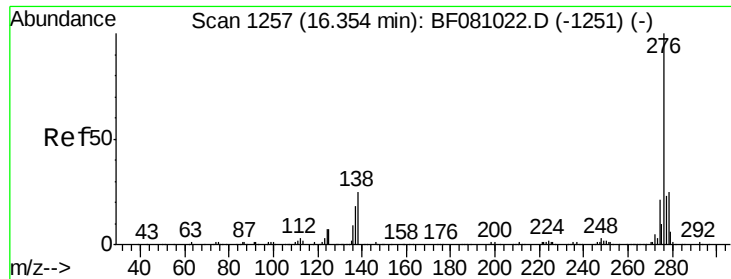
Tot Ion:149 Resp: 250303
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.7 31.1
 279 2.5 2.2 3.4



#84
 Di-n-octyl phthalate
 Concen: 48.56 ng
 RT: 14.25 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

Tgt Ion:149 Resp: 417429
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 13.1 11.6 17.4

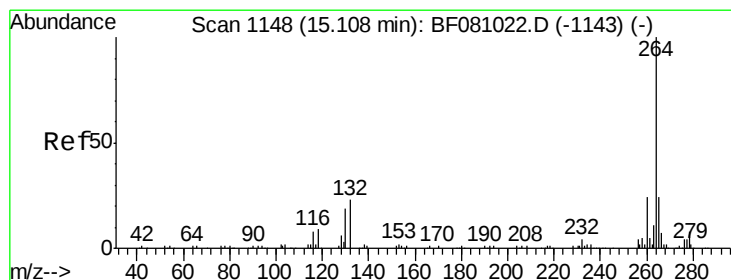
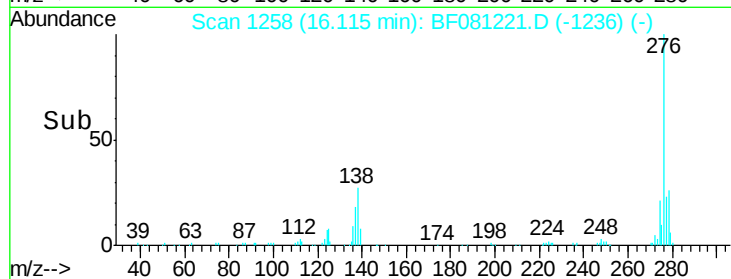
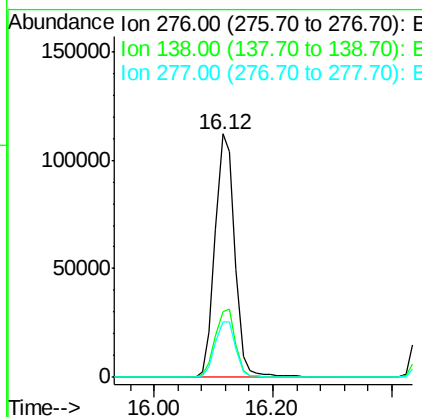
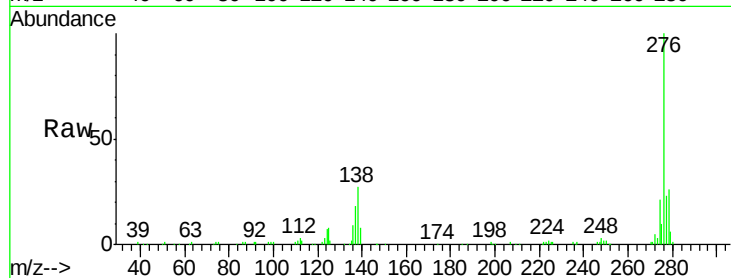




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.38 ng
RT: 16.12 min Scan# 1258
Delta R.T. -0.05 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

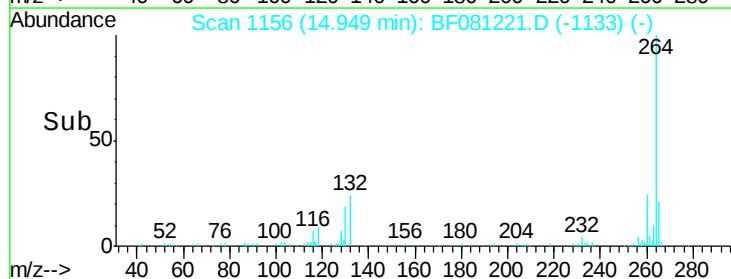
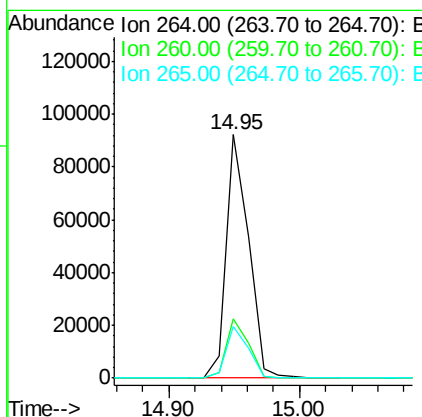
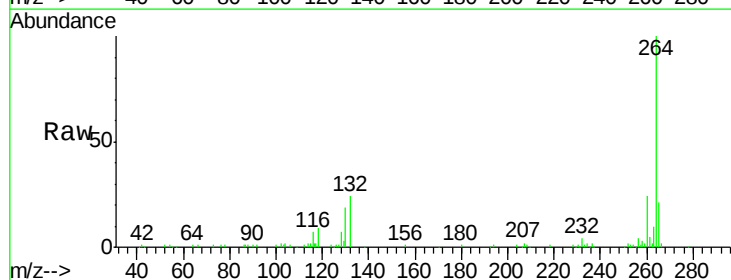
Instrument :
BNA_F
ClientSampled :

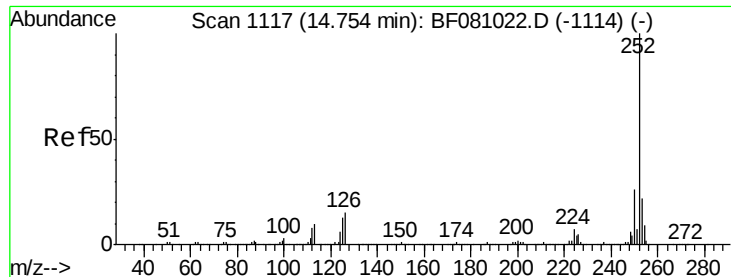
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	18.6	28.0#
277	23.7	19.8	29.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1156
Delta R.T. -0.04 min
Lab File: BF081221.D
Acq: 26 Aug 2015 19:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	20.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 74.47 ng

RT: 14.64 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

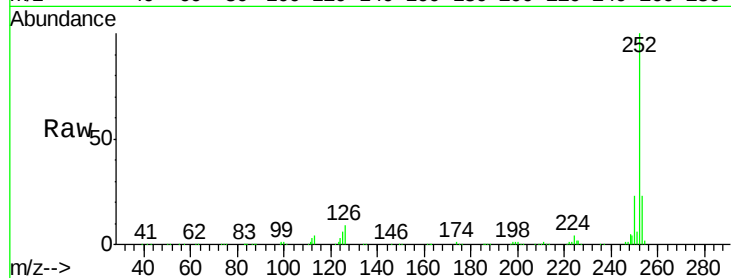
Tot Ion:252 Resp: 576653

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

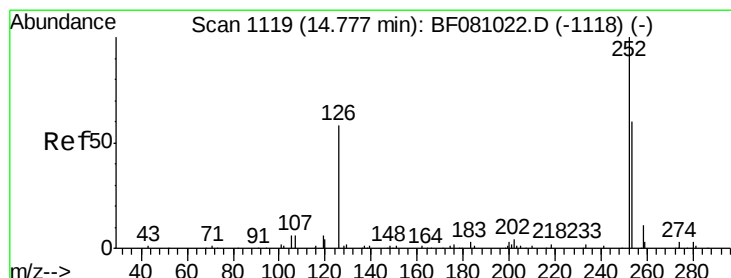
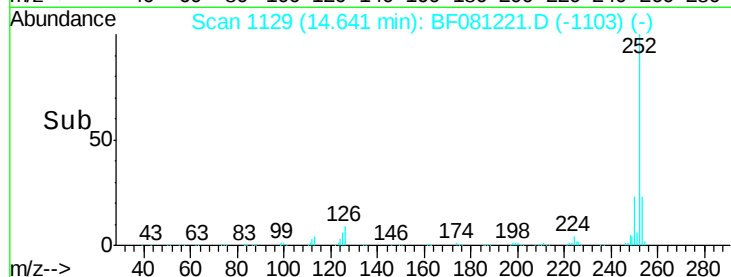
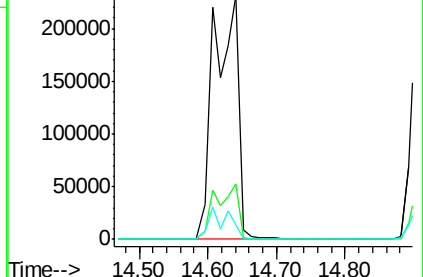
125 5.7 8.0 12.0#



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: 79.92 ng

RT: 14.64 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

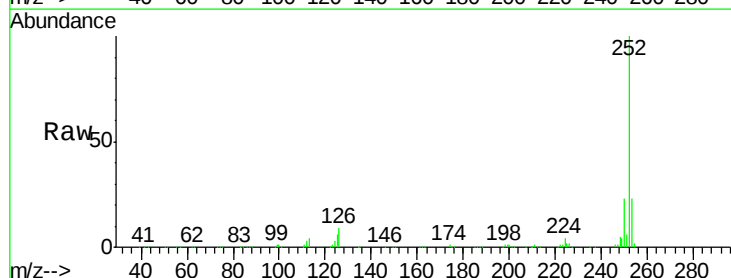
Tgt Ion:252 Resp: 576653

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

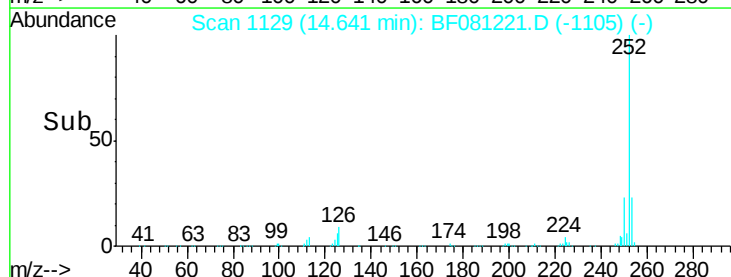
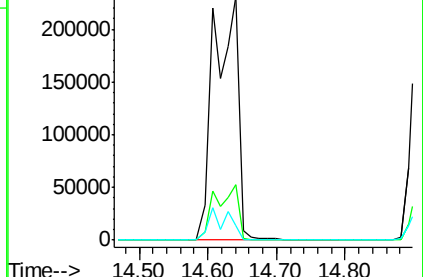
125 5.7 10.3 15.5#

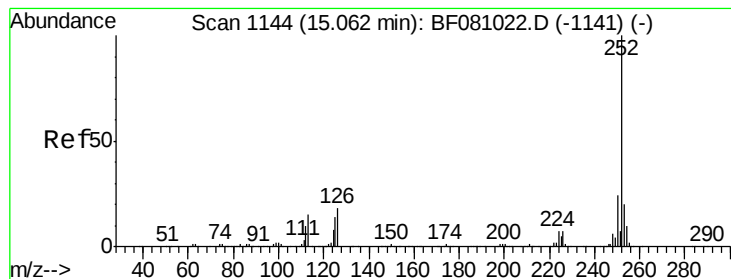


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.20 ng

RT: 14.90 min Scan# 1152

Delta R.T. -0.04 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

Instrument :

BNA_F

ClientSampleId :

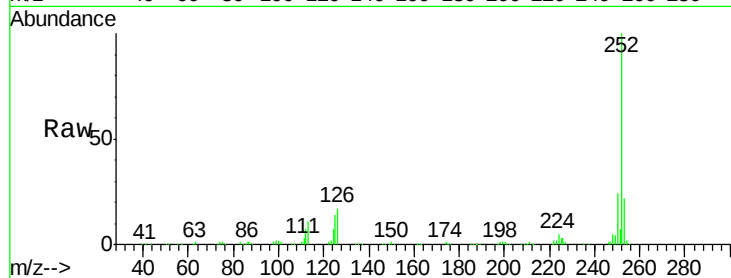
Tot Ion:252 Resp: 264476

Ion Ratio Lower Upper

252 100

253 21.9 16.6 25.0

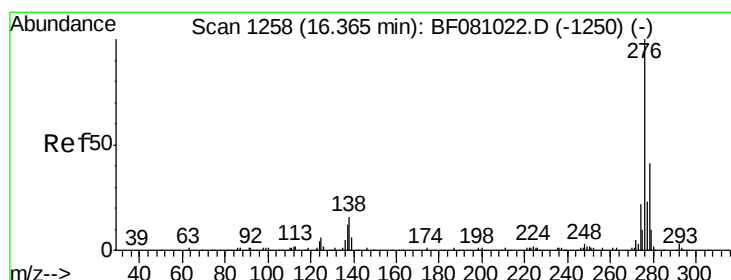
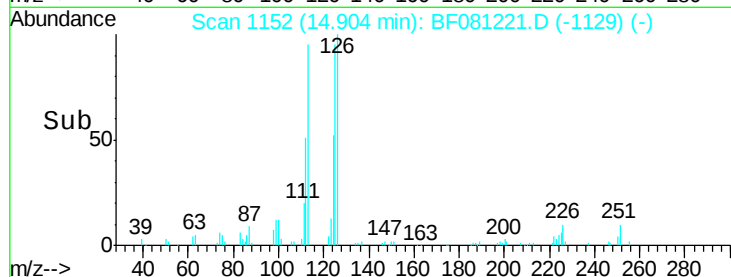
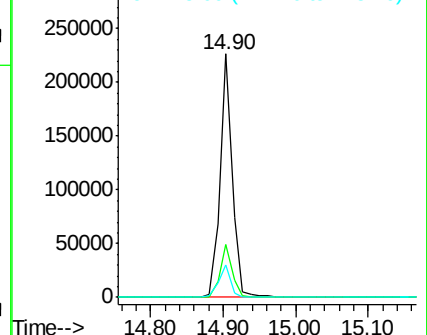
125 13.5 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.00 ng

RT: 16.14 min Scan# 1260

Delta R.T. -0.05 min

Lab File: BF081221.D

Acq: 26 Aug 2015 19:45

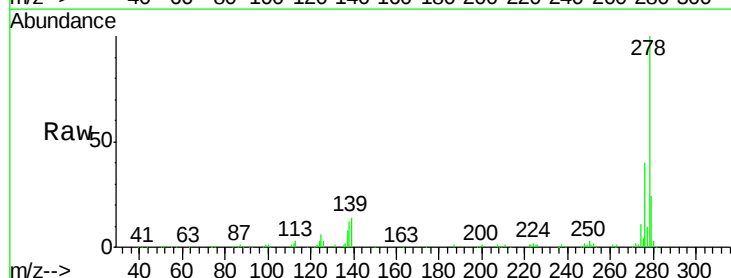
Tgt Ion:278 Resp: 210282

Ion Ratio Lower Upper

278 100

139 14.3 10.8 16.2

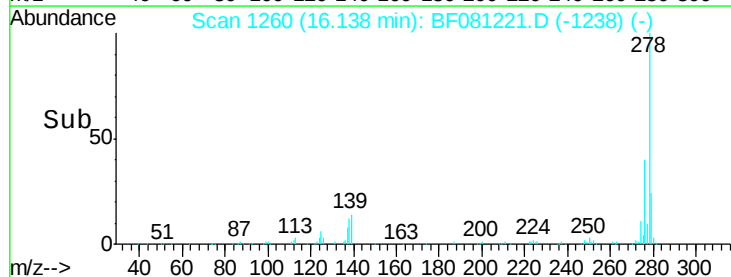
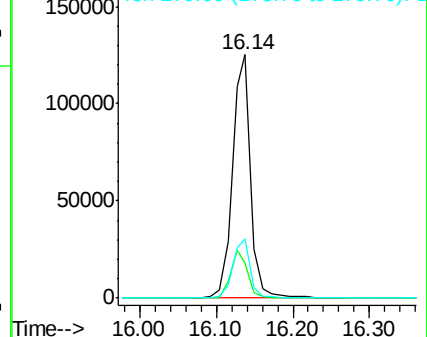
279 24.2 19.0 28.6

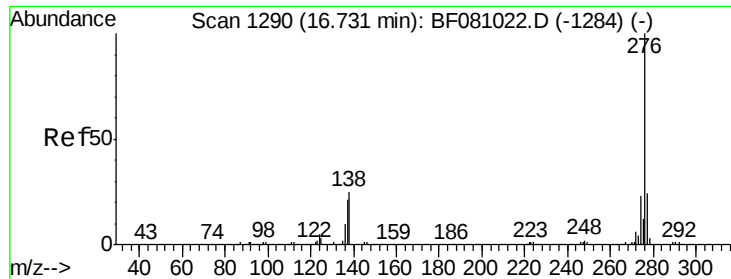


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

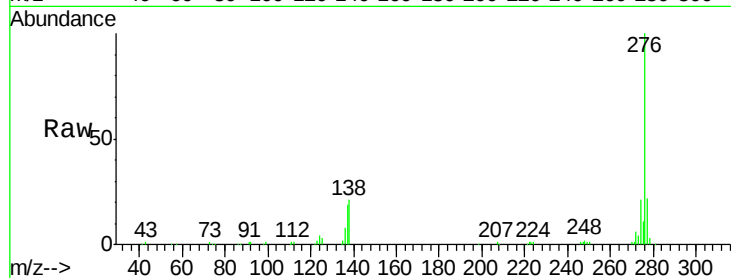




#91
 Benzo(a,h,i)perylene
 Concen: 39.30 ng
 RT: 16.47 min Scan# 1289
 Delta R.T. -0.05 min
 Lab File: BF081221.D
 Acq: 26 Aug 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.2	27.2
138	21.3	13.7	20.5



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

