

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082515\
 Data File : BF081214.D
 Acq On : 25 Aug 2015 23:12
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 00:10:36 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	6.53	152	77347	20.00	ng	-0.01
21) Naphthalene-d8	7.82	136	301586	20.00	ng	-0.01
38) Acenaphthene-d10	9.57	164	134916	20.00	ng	-0.01
63) Phenanthrene-d10	11.03	188	224588	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	142581	20.00	ng	-0.01
86) Perylene-d12	14.99	264	134355	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.10	112	440615	85.68	ng	0.00
7) Phenol-d6	6.20	99	550503	82.05	ng	0.00
23) Nitrobenzene-d5	7.11	82	517296	78.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	82210	70.29	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	793397	77.05	ng	0.00
78) Terphenyl-d14	12.62	244	596047	89.62	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.93	88	97516	40.24	ng	# 89
3) Pyridine	2.54	79	300002	43.86	ng	84
4) n-Nitrosodimethylamine	2.50	42	159395	41.86	ng	# 78
6) Aniline	6.20	93	368285	37.75	ng	# 74
8) 2-Chlorophenol	6.32	128	236555	42.03	ng	# 82
9) Benzaldehyde	6.07	77	174978	40.45	ng	99
10) Phenol	6.21	94	358003	45.18	ng	# 75
11) bis(2-Chloroethyl)ether	6.29	93	262041	43.10	ng	97
12) 1,3-Dichlorobenzene	6.47	146	246169	40.70	ng	# 94
13) 1,4-Dichlorobenzene	6.55	146	243820	40.71	ng	95
14) 1,2-Dichlorobenzene	6.55	146	243820	43.50	ng	95
15) Benzyl Alcohol	6.69	79	209500	38.59	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	469418	39.29	ng	96
17) 2-Methylphenol	6.81	107	183902	38.08	ng	97
18) Hexachloroethane	7.04	117	74714	30.88	ng	95
19) n-Nitroso-di-n-propylamine	6.97	70	189488	40.77	ng	87
20) 3+4-Methylphenols	6.97	107	227293	37.08	ng	# 46
22) Acetophenone	6.96	105	348153	43.97	ng	# 84
24) Nitrobenzene	7.13	77	291486	42.23	ng	# 89
25) Isophorone	7.37	82	496441	40.32	ng	97
26) 2-Nitrophenol	7.44	139	91500	31.87	ng	# 80
27) 2,4-Dimethylphenol	7.50	122	198154	39.02	ng	94
28) bis(2-Chloroethoxy)methane	7.59	93	281171	38.66	ng	100
29) 2,4-Dichlorophenol	7.69	162	179829	42.06	ng	96
30) 1,2,4-Trichlorobenzene	7.76	180	188261	39.62	ng	97
31) Naphthalene	7.84	128	647055	38.49	ng	99
32) Benzoic acid	7.64	122	98070	34.33	ng	94
33) 4-Chloroaniline	7.90	127	250098	35.26	ng	97
34) Hexachlorobutadiene	7.97	225	116603	43.39	ng	98
35) Caprolactam	8.30	113	56972	38.12	ng	# 82
36) 4-Chloro-3-methylphenol	8.40	107	215476	42.29	ng	95
37) 2-Methylnaphthalene	8.53	142	400125	37.68	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	163463	37.55	ng	99
40) Hexachlorocyclopentadiene	8.69	237	15972	7.09	ng	99

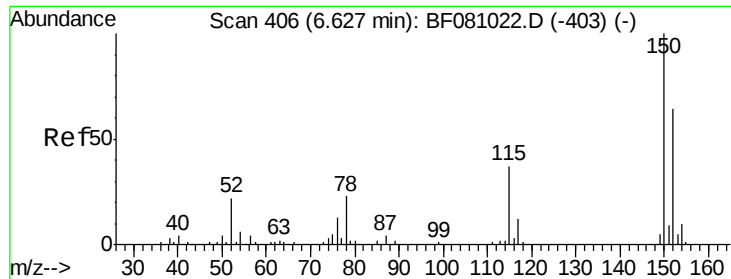
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082515\
 Data File : BF081214.D
 Acq On : 25 Aug 2015 23:12
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 00:10:36 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)
42) 2,4,6-Trichlorophenol	8.82	196	119695	38.92	nq	95
43) 2,4,5-Trichlorophenol	8.86	196	115395	37.55	nq	# 86
45) 1,1'-Biphenyl	9.00	154	425666	35.82	nq	95
46) 2-Chloronaphthalene	9.02	162	344542	36.09	nq	# 92
47) 2-Nitroaniline	9.12	65	155357	39.76	nq	94
48) Acenaphthylene	9.43	152	642836	37.64	nq	98
49) Dimethylphthalate	9.32	163	450764	40.57	nq	100
50) 2,6-Dinitrotoluene	9.37	165	89726	37.61	nq	93
51) Acenaphthene	9.60	154	358156	35.03	nq	100
52) 3-Nitroaniline	9.53	138	105894	35.47	nq	99
53) 2,4-Dinitrophenol	9.65	184	4781	6.90	nq	# 55
54) Dibenzofuran	9.77	168	525140	38.33	nq	97
55) 4-Nitrophenol	9.70	139	60912	29.05	nq	88
56) 2,4-Dinitrotoluene	9.77	165	96398	30.49	nq	97
57) Fluorene	10.12	166	377734	35.84	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.90	232	85338	35.87	nq	95
59) Diethylphthalate	10.00	149	428032	36.39	nq	98
60) 4-Chlorophenyl-phenylether	10.12	204	168535	37.79	nq	# 79
61) 4-Nitroaniline	10.15	138	127479	41.78	nq	# 78
62) Azobenzene	10.26	77	465820	34.37	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	8825	6.58	nq	# 79
65) n-Nitrosodiphenylamine	10.23	169	320951	40.03	nq	98
66) 4-Bromophenyl-phenylether	10.60	248	98187	44.50	nq	# 81
67) Hexachlorobenzene	10.65	284	92272	41.30	nq	# 87
68) Atrazine	10.77	200	83787	37.51	nq	98
69) Pentachlorophenol	10.85	266	45694	34.08	nq	97
70) Phenanthrene	11.06	178	529624	39.79	nq	100
71) Anthracene	11.11	178	481034	37.14	nq	99
72) Carbazole	11.27	167	456351	36.60	nq	99
73) Di-n-butylphthalate	11.62	149	651104	43.15	nq	# 98
74) Fluoranthene	12.23	202	465913	32.44	nq	92
76) Benzidine	12.37	184	261405	48.53	nq	99
77) Pyrene	12.46	202	476488	41.11	nq	99
79) Butylbenzylphthalate	13.10	149	236237	47.42	nq	# 75
80) Benzo(a)anthracene	13.64	228	400199	41.85	nq	99
81) 3,3'-Dichlorobenzidine	13.61	252	131134	42.34	nq	98
82) Chrysene	13.68	228	397732	46.15	nq	99
83) Bis(2-ethylhexyl)phthalate	13.66	149	307139	48.13	nq	# 96
84) Di-n-octyl phthalate	14.28	149	545822	56.27	nq	99
85) Indeno(1,2,3-cd)pyrene	16.16	276	292524	48.35	nq	# 93
87) Benzo(b)fluoranthene	14.67	252	701753	73.84	nq	# 96
88) Benzo(k)fluoranthene	14.67	252	701753	79.25	nq	# 93
89) Benzo(a)pyrene	14.93	252	323769	39.10	nq	# 94
90) Dibenzo(a,h)anthracene	16.17	278	247634	38.38	nq	# 93
91) Benzo(g,h,i)perylene	16.52	276	232745	35.56	nq	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.53 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

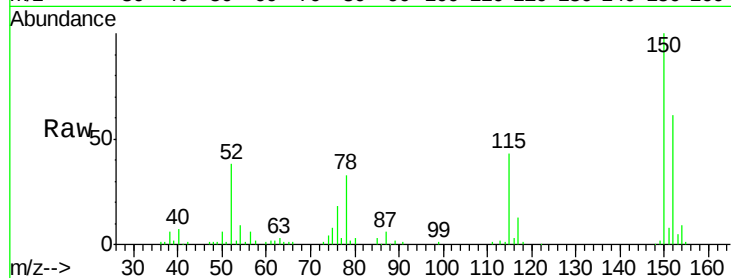
Tot Ion:152 Resp: 77347

Ion Ratio Lower Upper

152 100

150 163.2 123.8 185.6

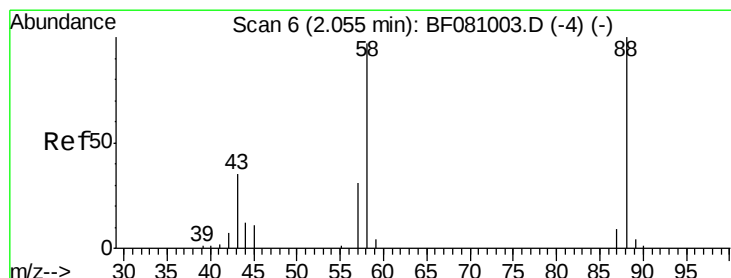
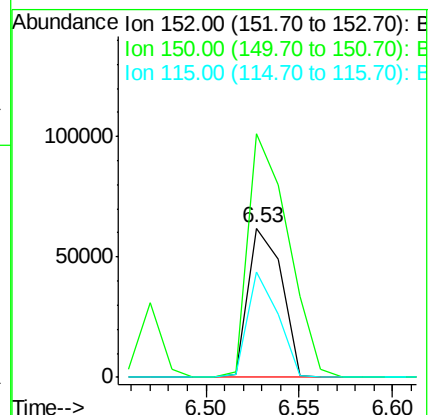
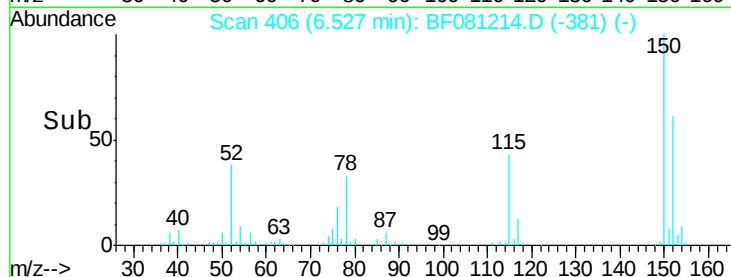
115 70.6 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.24 ng

RT: 1.93 min Scan# 4

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

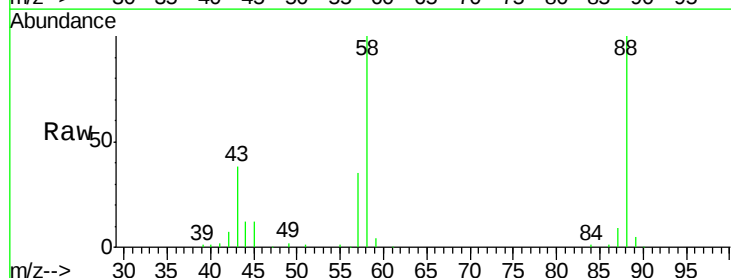
Tgt Ion: 88 Resp: 97516

Ion Ratio Lower Upper

88 100

58 95.7 83.7 125.5

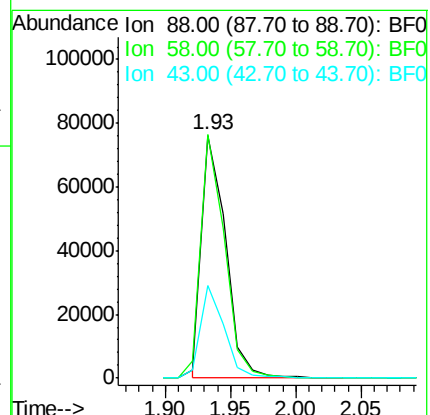
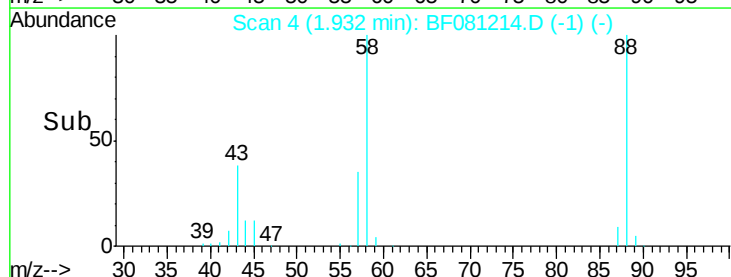
43 35.8 37.5 56.3#

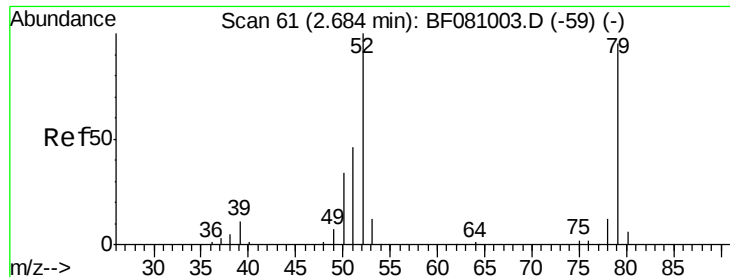


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 43.86 ng

RT: 2.54 min Scan# 57

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

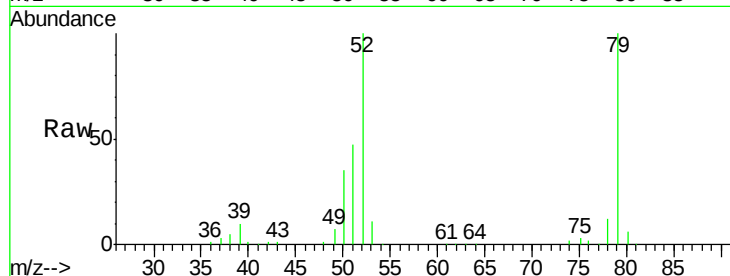
Tot Ion: 79 Resp: 300002

Ion Ratio Lower Upper

79 100

52 100.4 95.1 142.7

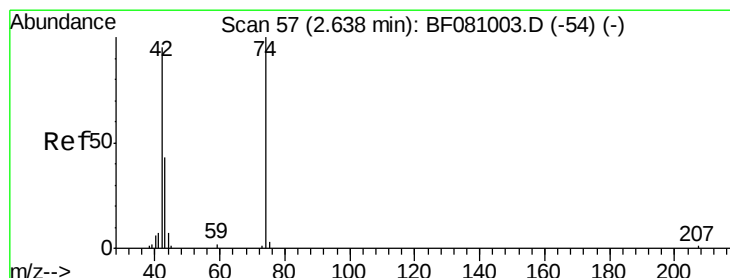
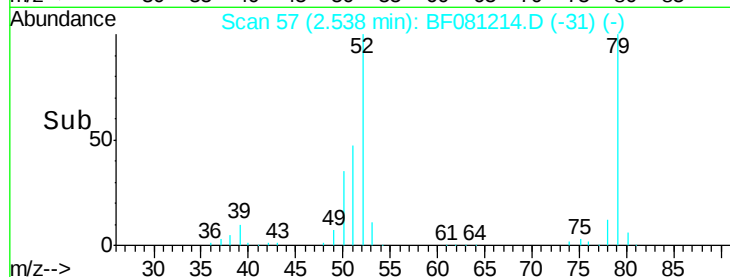
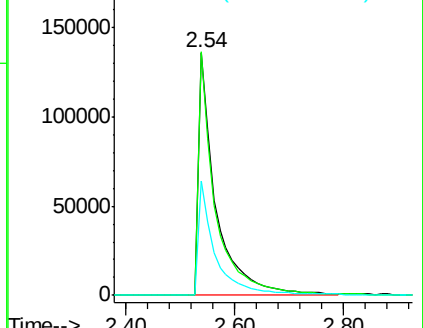
51 47.0 46.6 70.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.86 ng

RT: 2.50 min Scan# 54

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

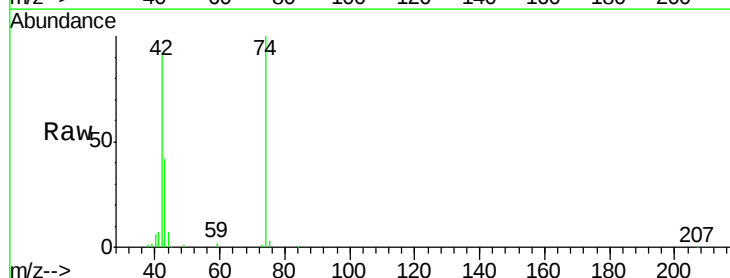
Tgt Ion: 42 Resp: 159395

Ion Ratio Lower Upper

42 100

74 108.5 69.3 103.9#

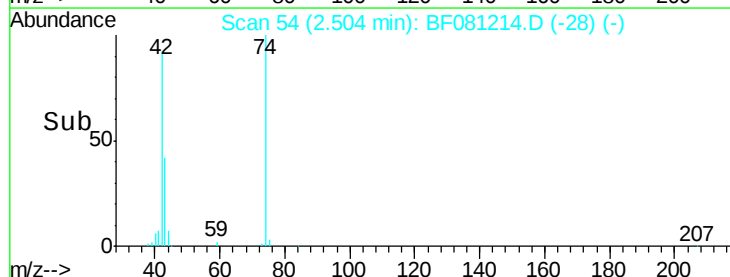
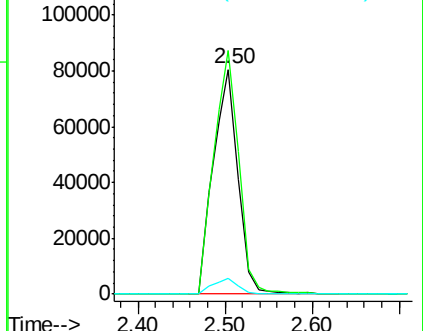
44 7.2 5.5 8.3

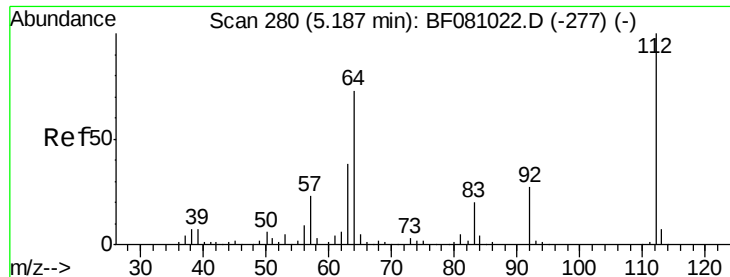


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 85.68 ng

RT: 5.10 min Scan# 281

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampled :

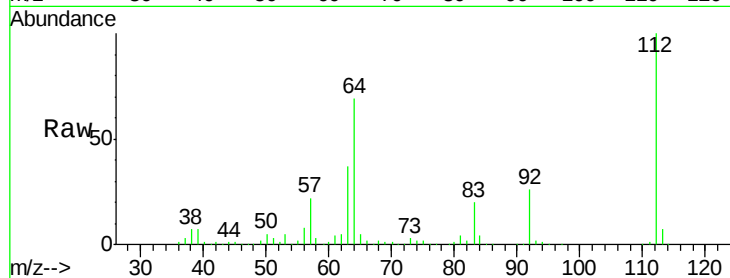
Tot Ion:112 Resp: 440615

Ion Ratio Lower Upper

112 100

64 69.2 66.9 100.3

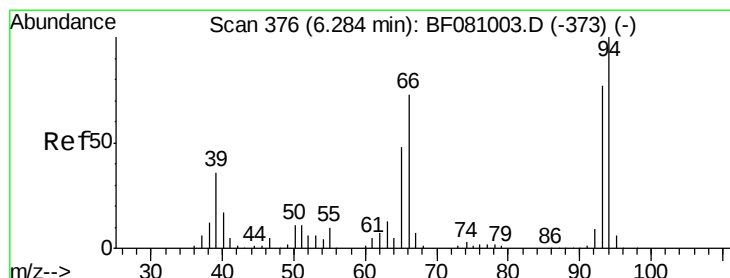
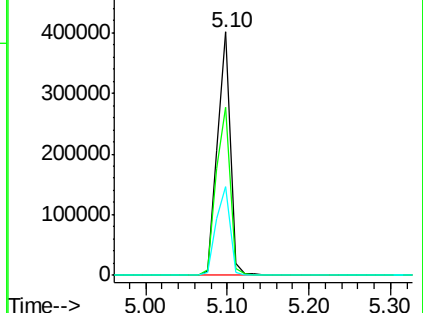
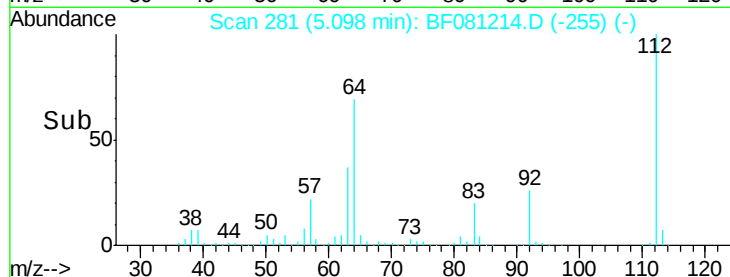
63 36.5 38.1 57.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.75 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

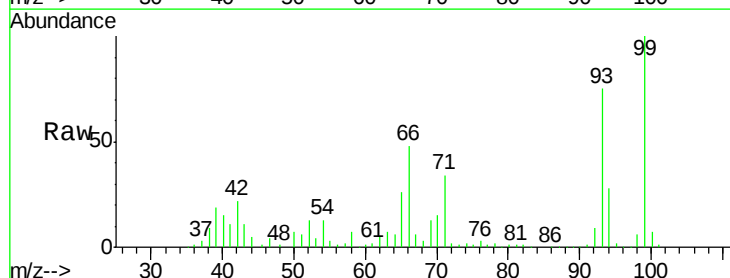
Tgt Ion: 93 Resp: 368285

Ion Ratio Lower Upper

93 100

66 63.3 35.6 53.4#

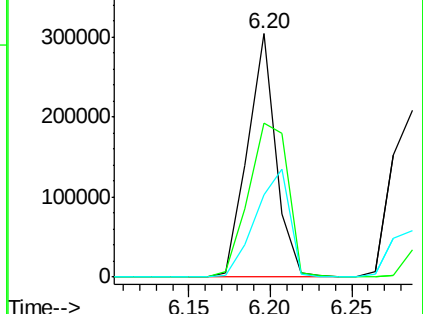
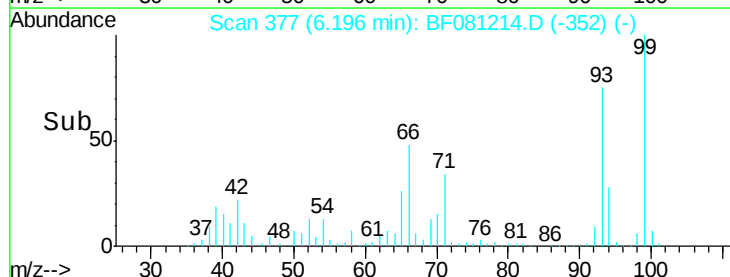
65 33.9 18.7 28.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.05 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

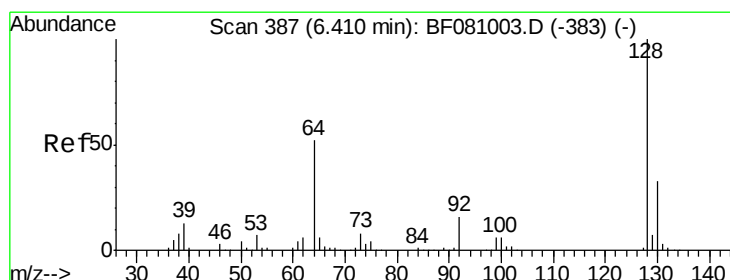
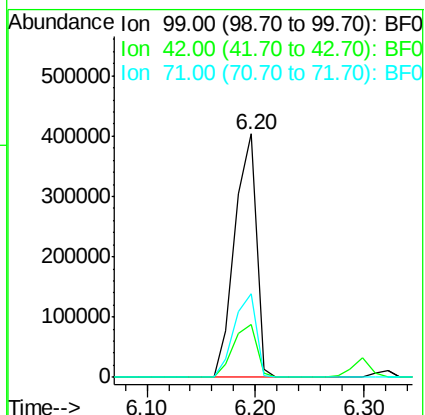
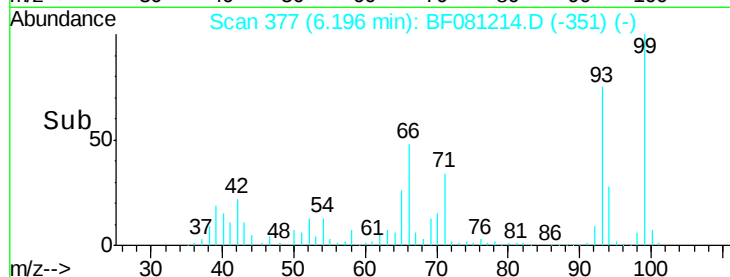
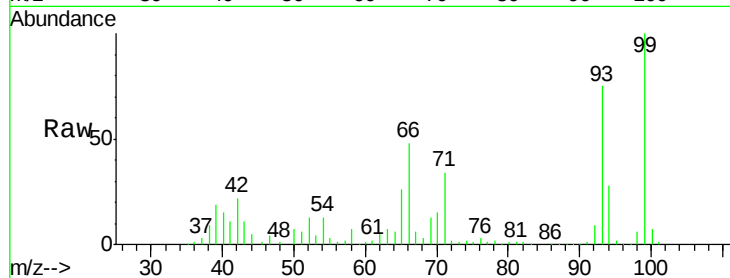
Tot Ion: 99 Resp: 550503

Ion Ratio Lower Upper

99 100

42 21.6 19.6 29.4

71 34.2 31.2 46.8



#8

2-Chlorophenol

Concen: 42.03 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

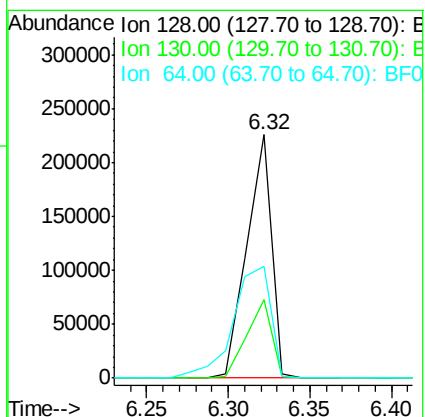
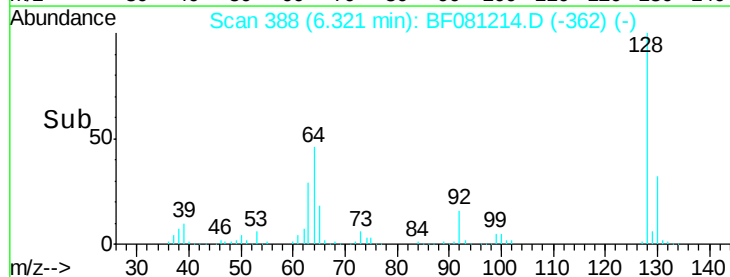
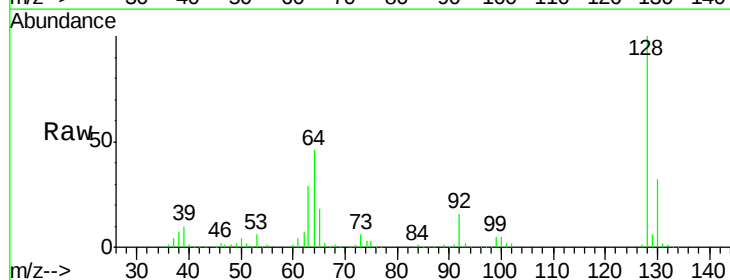
Tgt Ion: 128 Resp: 236555

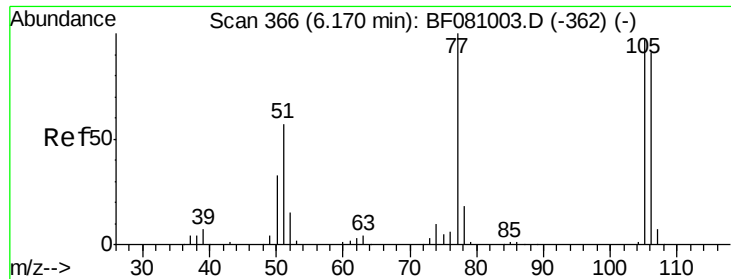
Ion Ratio Lower Upper

128 100

130 32.2 12.5 52.5

64 46.2 46.8 86.8#





#9

Benzaldehyde

Concen: 40.45 ng

RT: 6.07 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

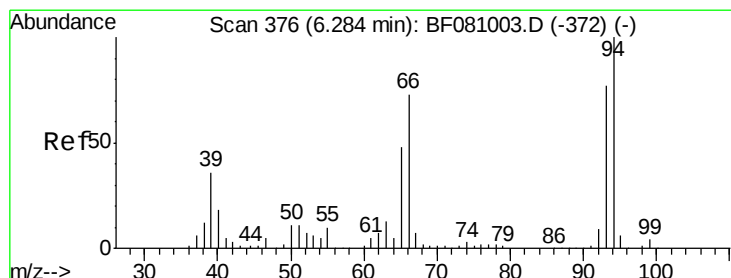
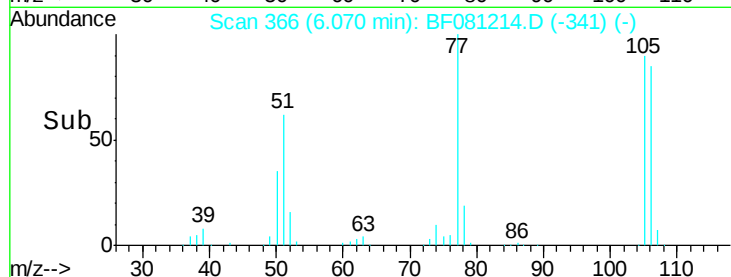
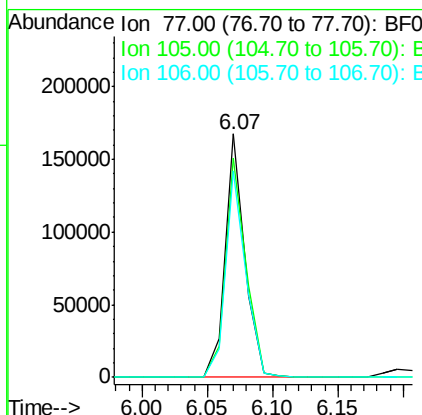
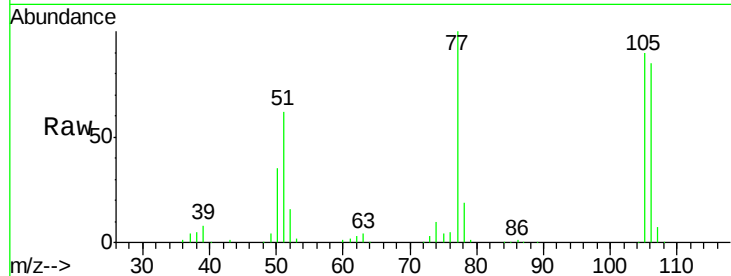
Tot Ion: 77 Resp: 174978

Ion Ratio Lower Upper

77 100

105 90.2 69.6 109.6

106 85.0 64.0 104.0



#10

Phenol

Concen: 45.18 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

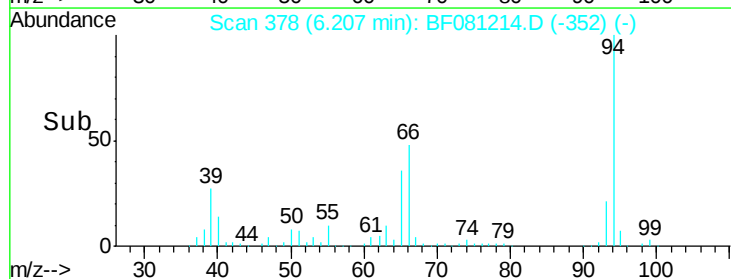
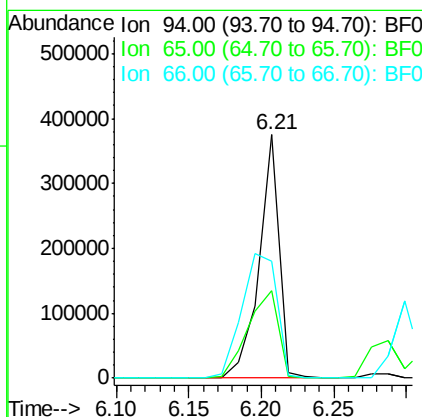
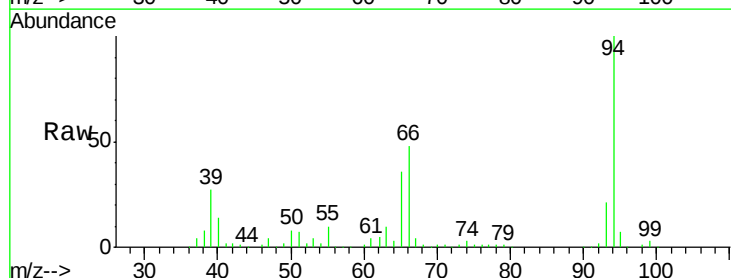
Tgt Ion: 94 Resp: 358003

Ion Ratio Lower Upper

94 100

65 35.7 28.4 68.4

66 47.9 52.3 92.3#

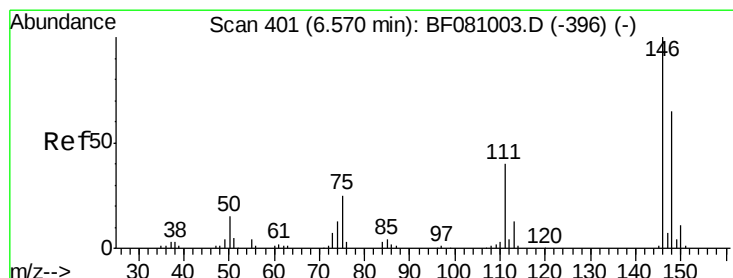
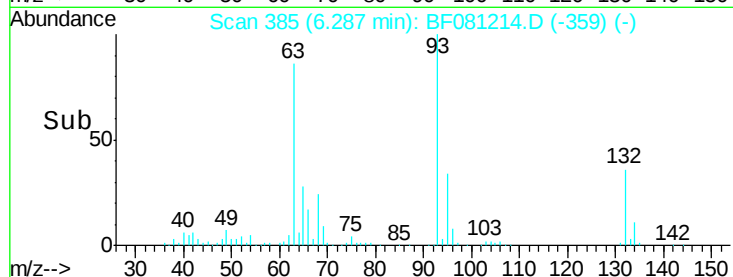
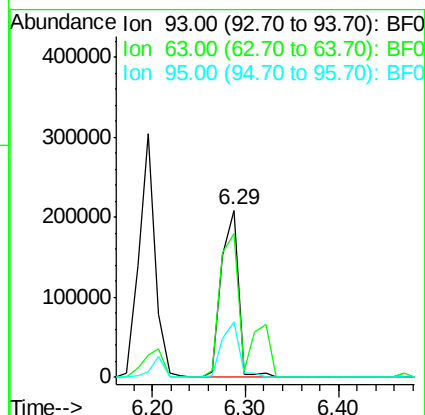
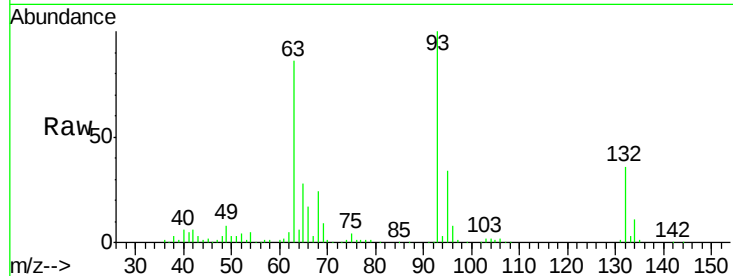




#11
bis(2-Chloroethyl)ether
Concen: 43.10 ng
RT: 6.29 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

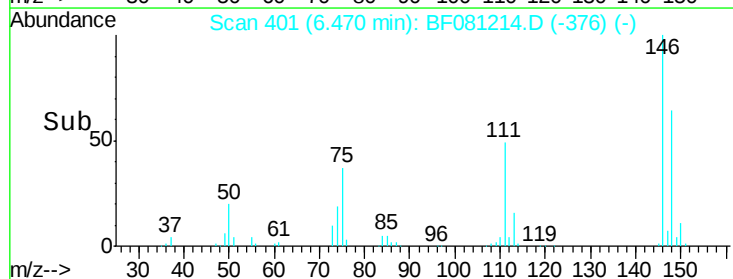
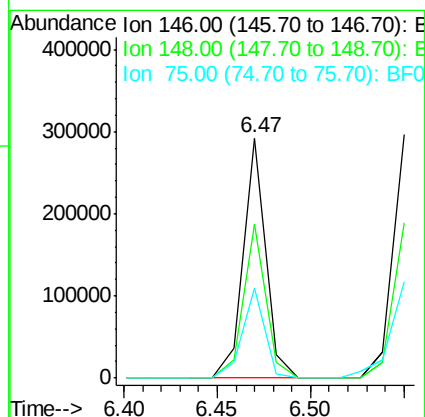
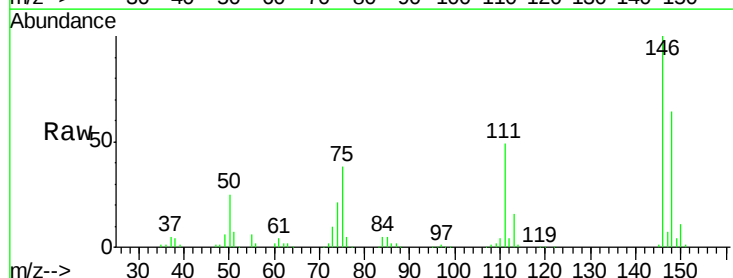
Instrument :
BNA_F
ClientSampleId :

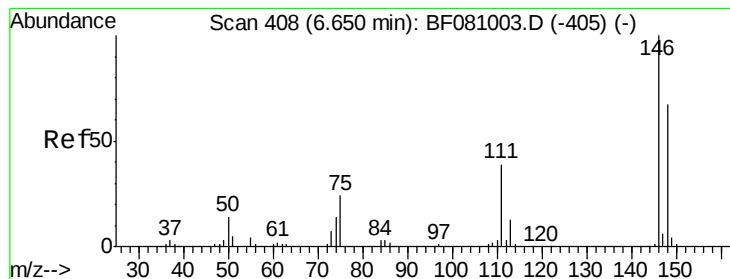
Tot Ion: 93 Resp: 262041
Ion Ratio Lower Upper
93 100
63 86.3 69.6 109.6
95 33.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.70 ng
RT: 6.47 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

Tgt Ion: 146 Resp: 246169
Ion Ratio Lower Upper
146 100
148 64.0 53.3 79.9
75 37.6 25.0 37.6#





#13

1,4-Dichlorobenzene

Concen: 40.71 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

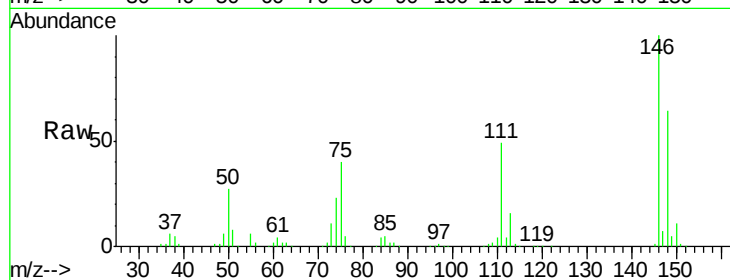
Tot Ion:146 Resp: 243820

Ion Ratio Lower Upper

146 100

148 63.7 52.3 78.5

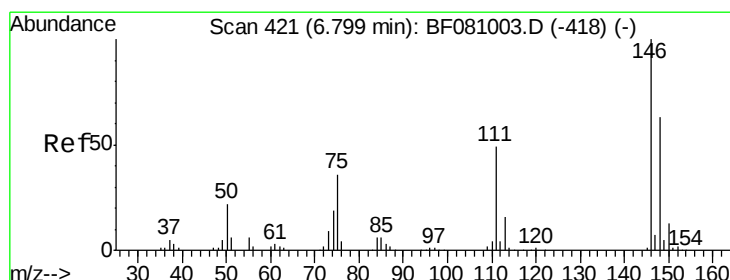
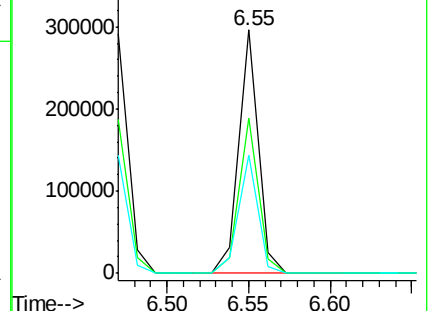
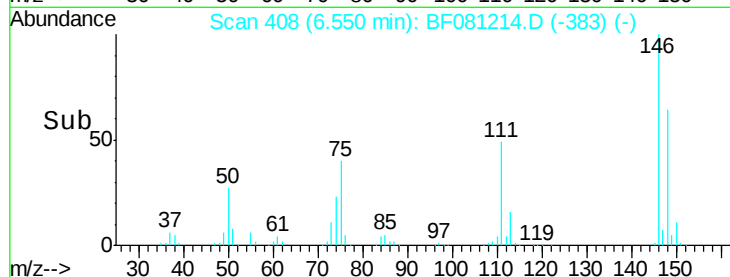
111 48.5 34.4 51.6



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: 43.50 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.16 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

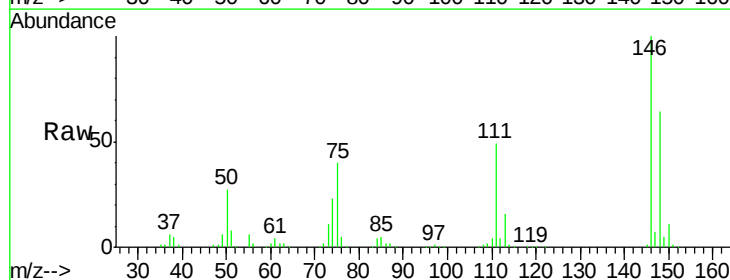
Tgt Ion:146 Resp: 243820

Ion Ratio Lower Upper

146 100

148 63.7 48.7 73.1

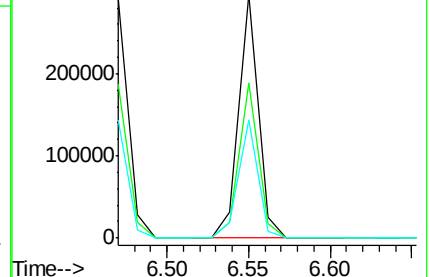
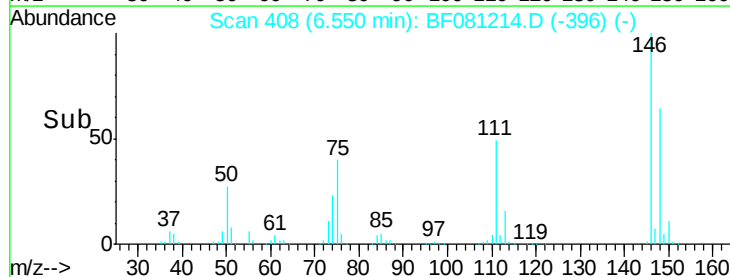
111 48.5 42.3 63.5

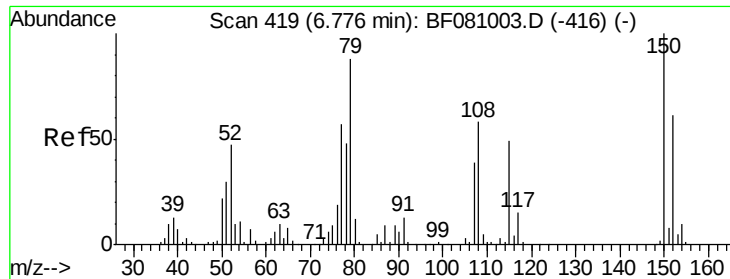


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.59 ng

RT: 6.69 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampled :

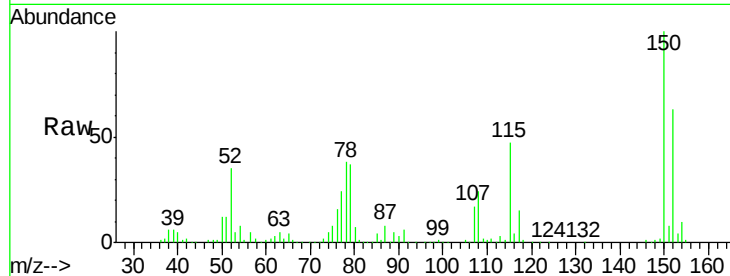
Tot Ion: 79 Resp: 209500

Ion Ratio Lower Upper

79 100

108 65.6 49.4 74.2

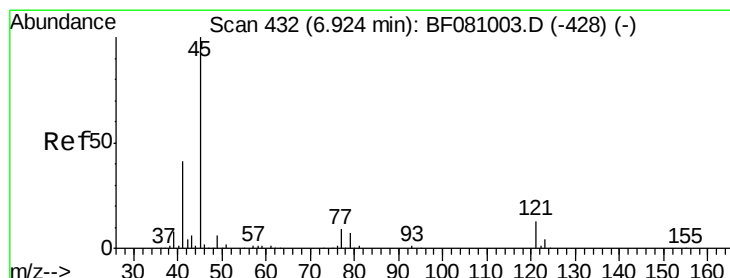
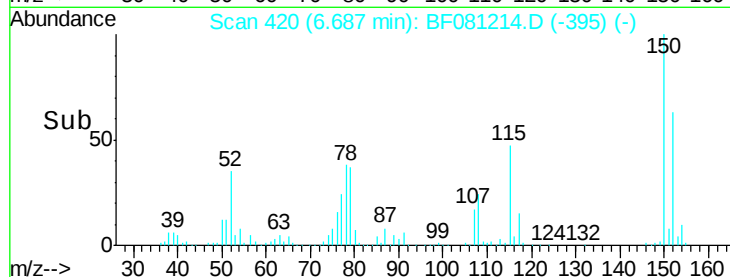
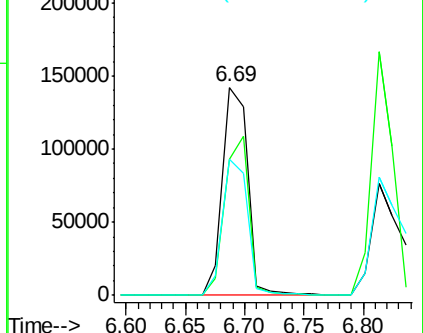
77 65.0 51.4 77.0



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: 39.29 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

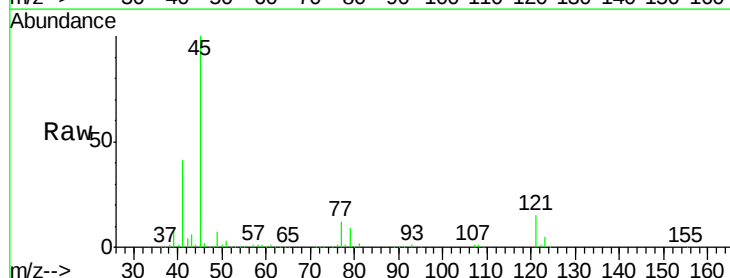
Tgt Ion: 45 Resp: 469418

Ion Ratio Lower Upper

45 100

77 11.7 0.0 30.2

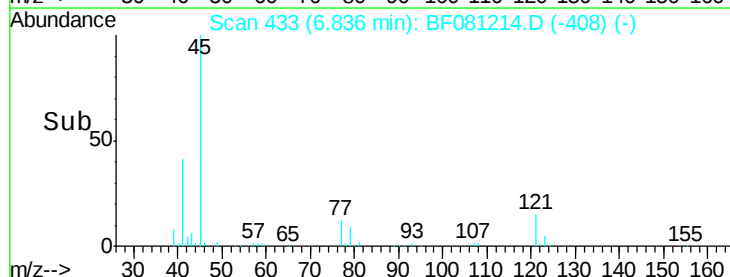
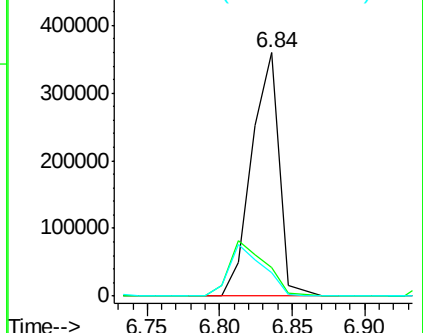
79 9.5 0.0 28.0

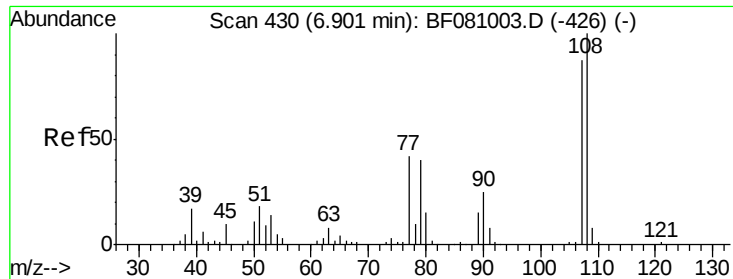


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

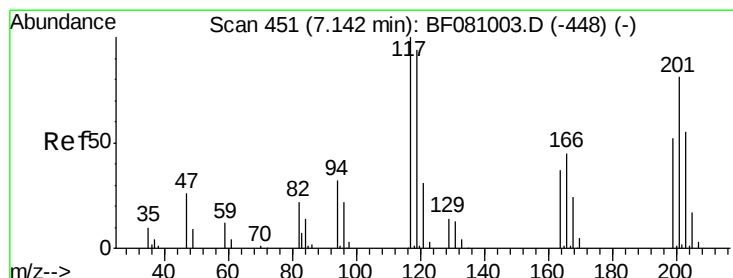
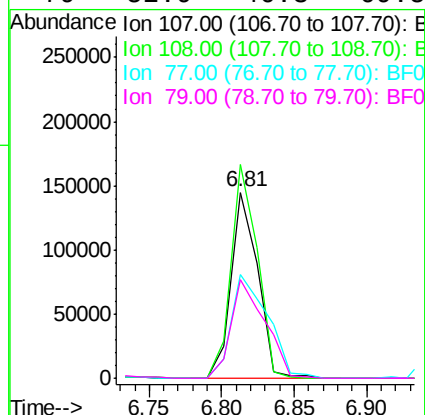
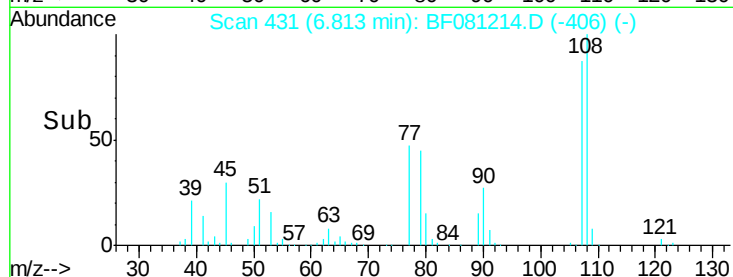
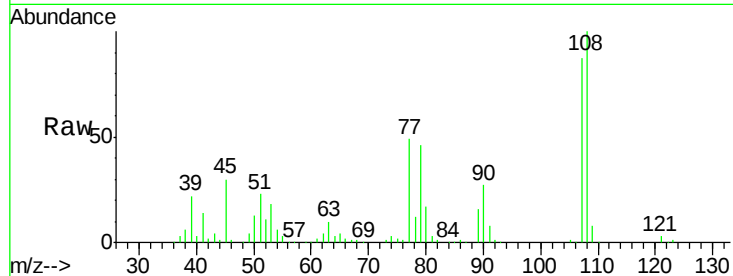




#17
2-Methylphenol
Concen: 38.08 ng
RT: 6.81 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

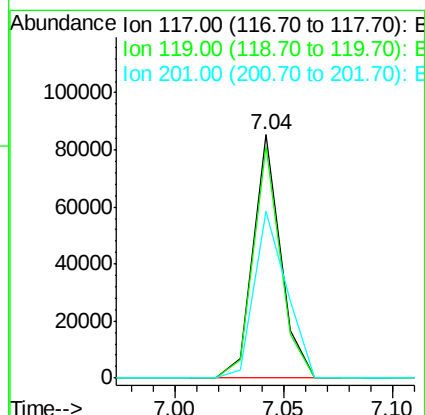
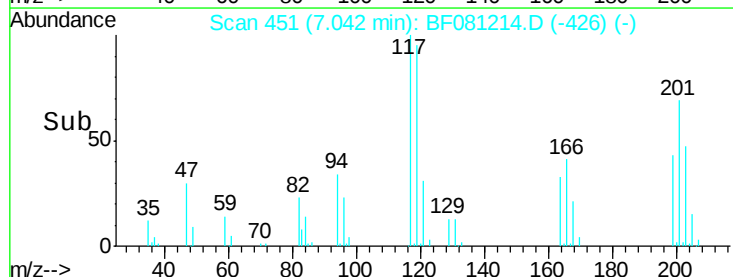
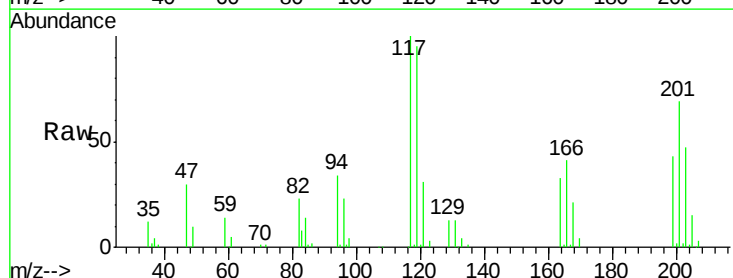
Instrument :
BNA_F
ClientSampleId :

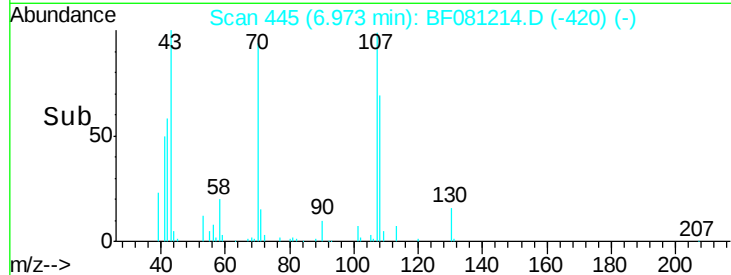
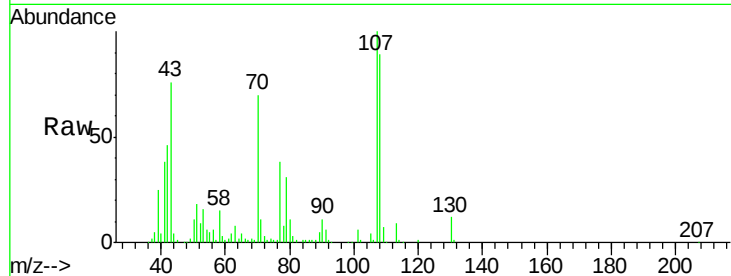
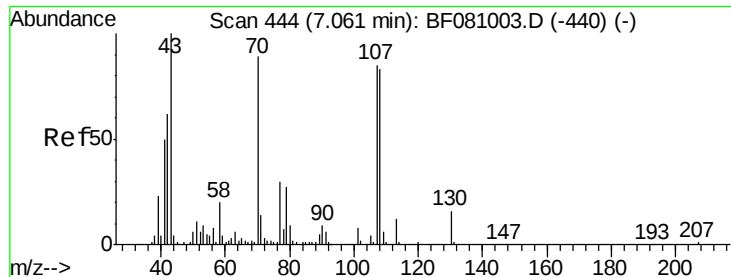
Tot Ion:	107	Resp:	183902
Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.4	135.6
77	56.0	46.5	69.7
79	52.9	46.3	69.5



#18
Hexachloroethane
Concen: 30.88 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

Tgt Ion:	117	Resp:	74714
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.9	116.9
201	68.6	61.3	91.9

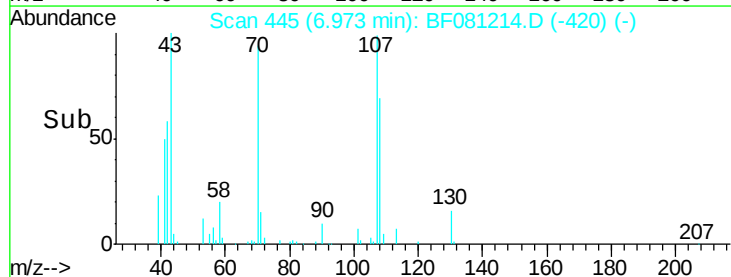
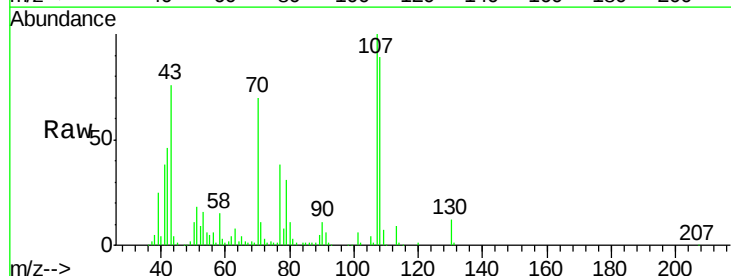
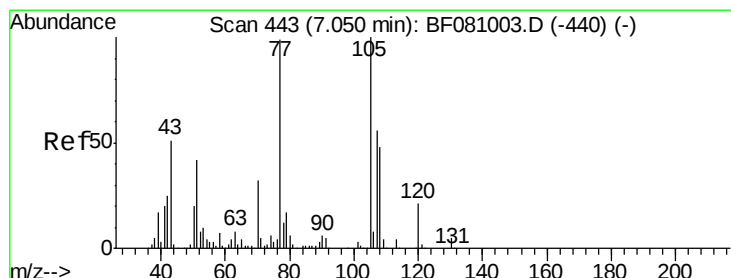
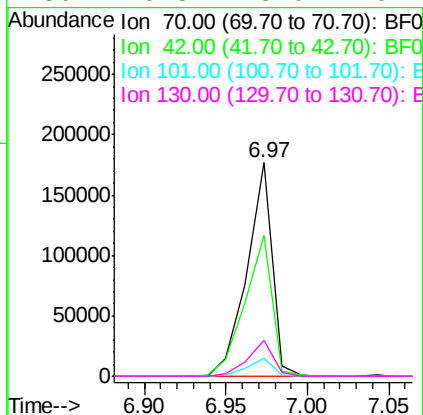




#19
n-Nitroso-di-n-propylamine
Concen: 40.77 ng
RT: 6.97 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

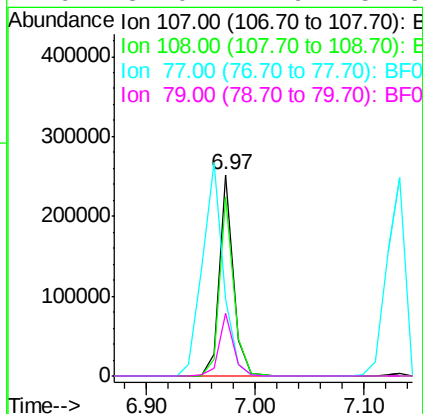
Instrument :
BNA_F
ClientSampleId :

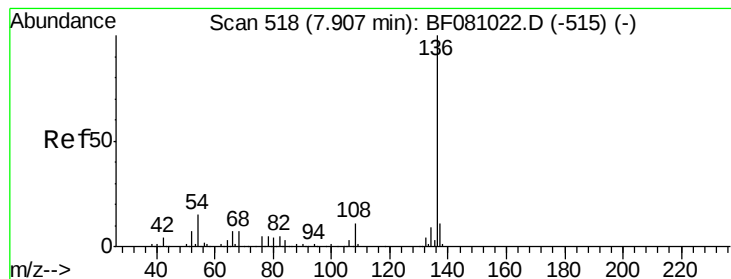
Tot Ion:	70	Resp:	189488
Ion	Ratio	Lower	Upper
70	100		
42	66.2	65.0	97.4
101	8.4	7.4	11.2
130	16.8	13.0	19.4



#20
3+4-Methylphenols
Concen: 37.08 ng
RT: 6.97 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

Tgt Ion:	107	Resp:	227293
Ion	Ratio	Lower	Upper
107	100		
108	88.8	66.1	106.1
77	38.2	139.3	179.3#
79	31.0	11.9	51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF081214.D

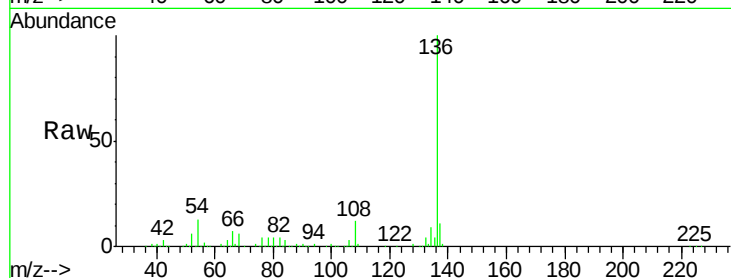
Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	301586
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.2 12.2
54	12.6	7.7 11.5#
68	6.5	3.4 5.2#



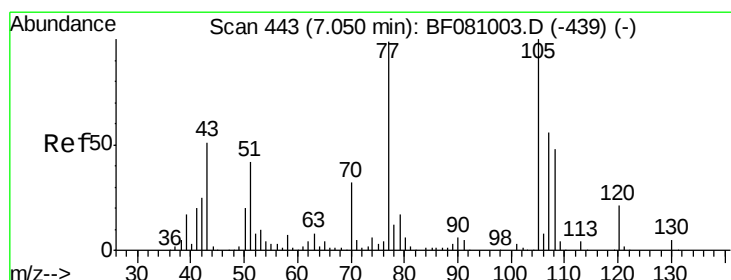
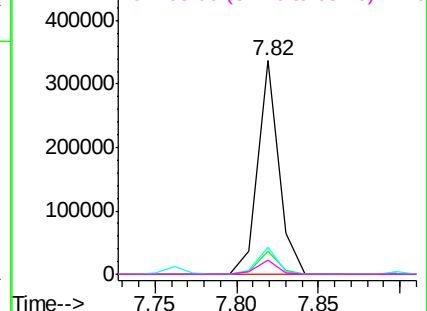
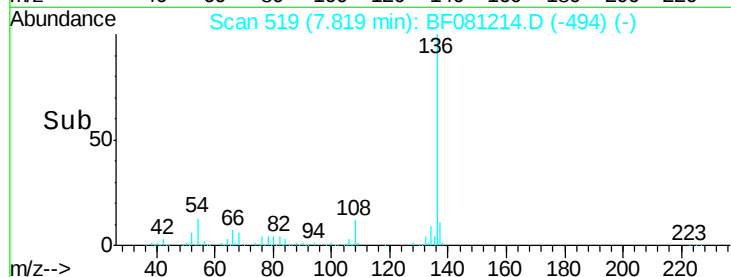
Abundance

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: 43.97 ng

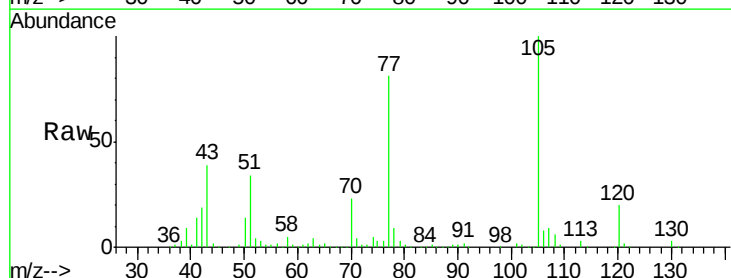
RT: 6.96 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Tgt Ion:105	Resp:	348153
Ion Ratio	Lower	Upper
105	100	
71	3.9	3.0 4.6
51	33.5	39.8 59.8#
120	20.1	15.8 23.8



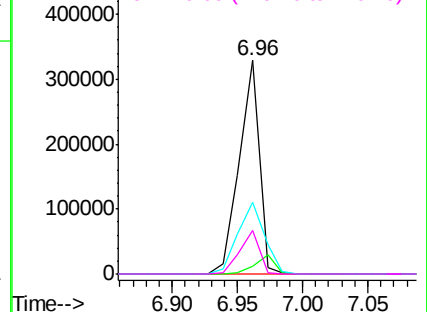
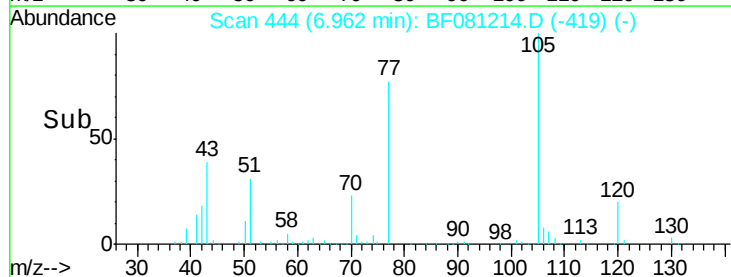
Abundance

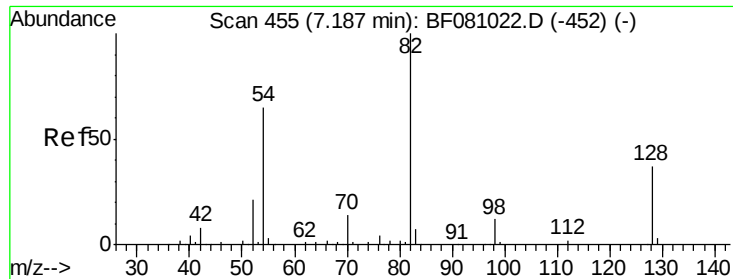
Ion 105.00 (104.70 to 105.70): E

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

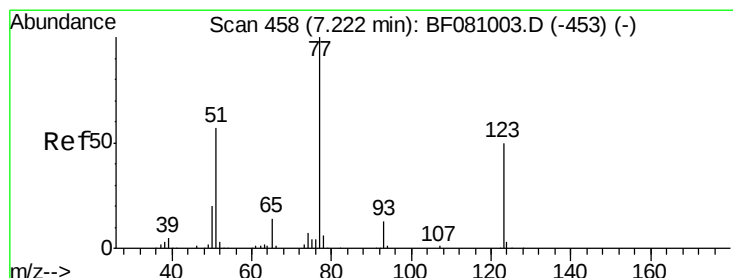
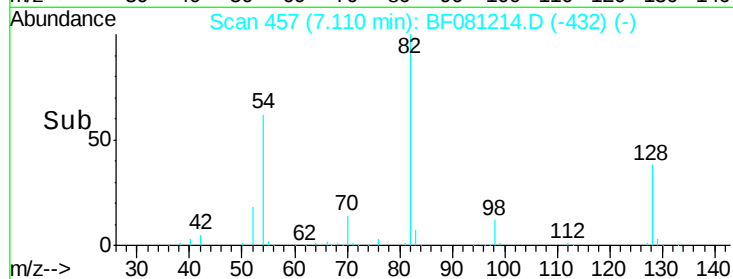
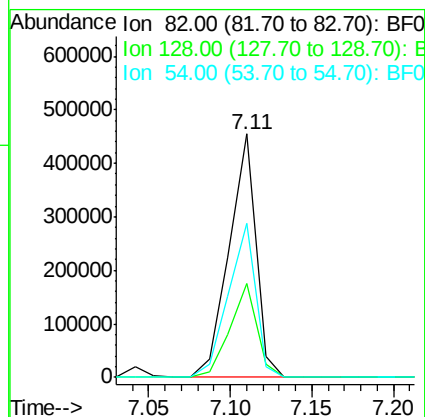
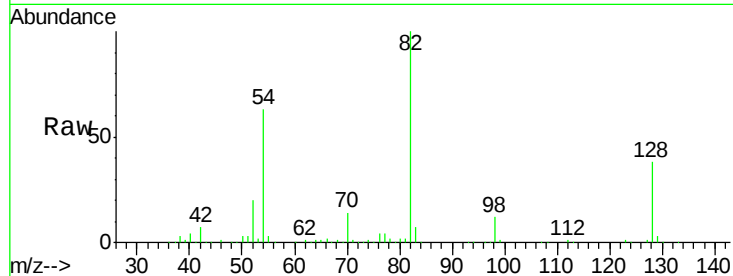




#23
 Nitrobenzene-d5
 Concen: 78.36 ng
 RT: 7.11 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

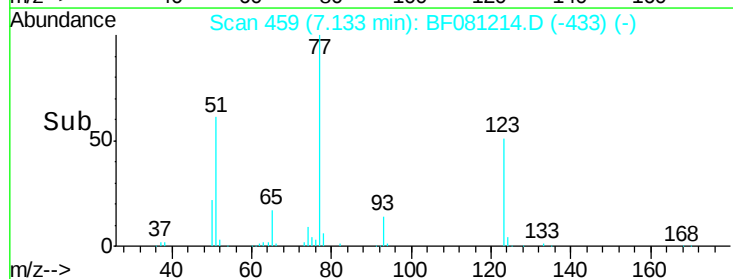
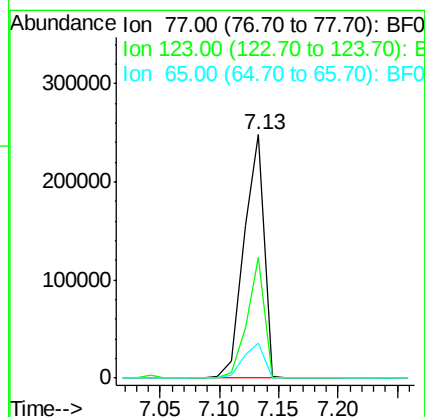
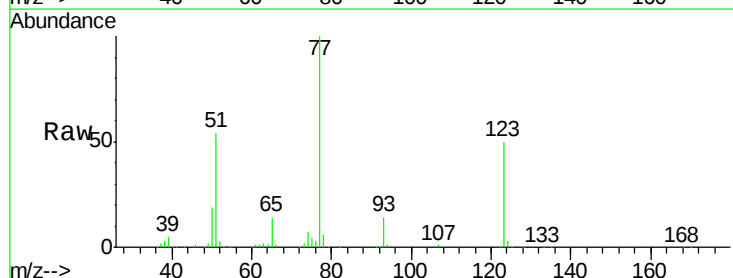
Instrument :
 BNA_F
 ClientSampleId :

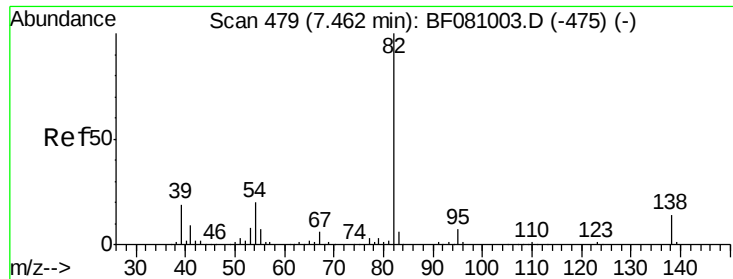
Tot Ion	82	Resp	517296
Ion Ratio	100	Lower	Upper
128	38.4	28.6	42.8
54	63.2	55.1	82.7



#24
 Nitrobenzene
 Concen: 42.23 ng
 RT: 7.13 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Tgt Ion	77	Resp	291486
Ion Ratio	100	Lower	Upper
123	49.7	32.9	49.3#
65	14.2	12.5	18.7





#25

Isophorone

Concen: 40.32 ng

RT: 7.37 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampled :

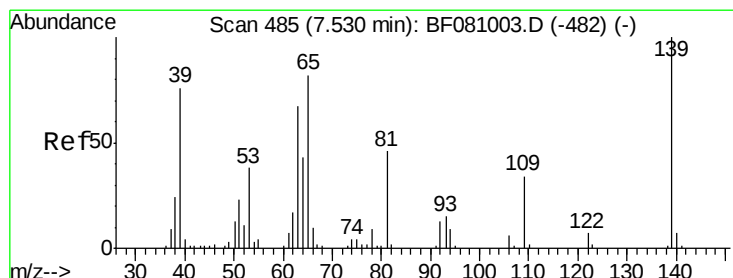
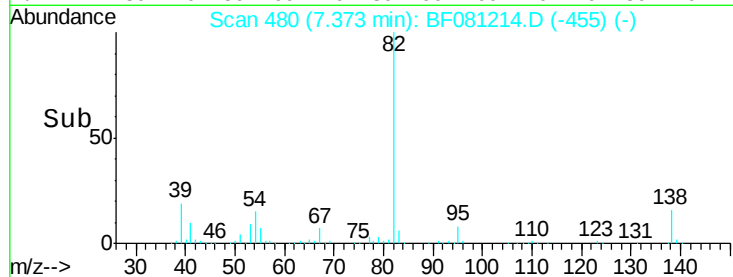
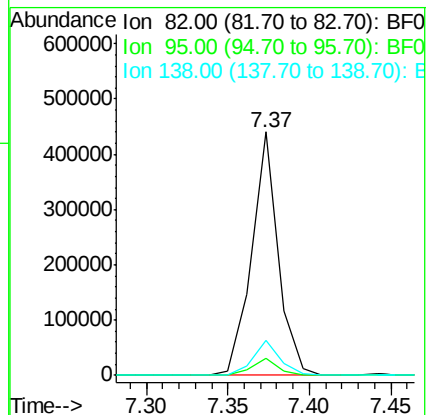
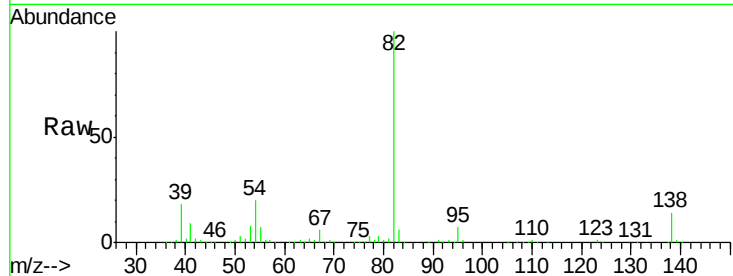
Tot Ion: 82 Resp: 496441

Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.2

138 14.3 10.5 15.7



#26

2-Nitrophenol

Concen: 31.87 ng

RT: 7.44 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

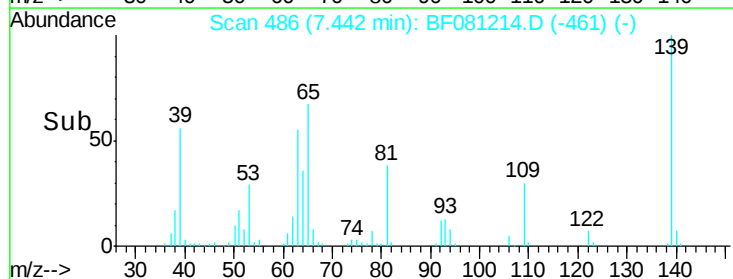
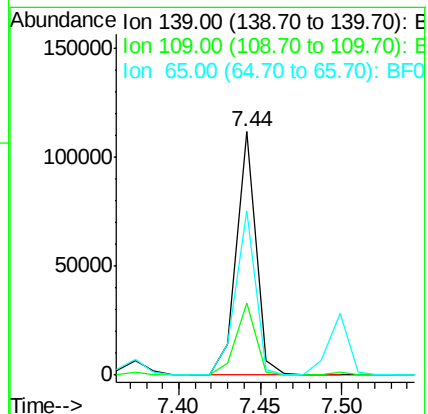
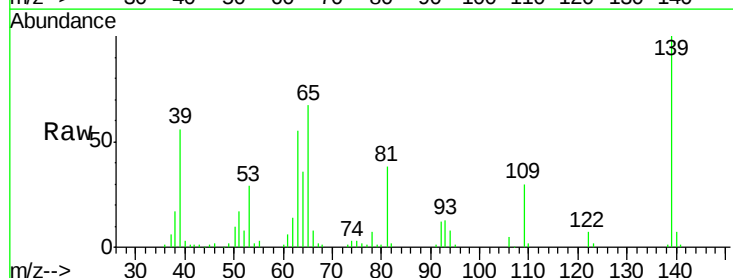
Tgt Ion: 139 Resp: 91500

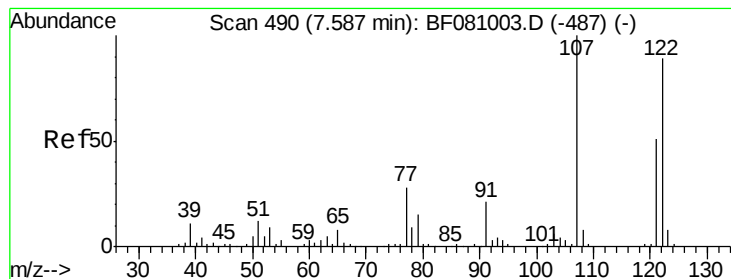
Ion Ratio Lower Upper

139 100

109 29.7 32.1 48.1#

65 67.3 69.9 104.9#





#27

2,4-Dimethylphenol

Concen: 39.02 ng

RT: 7.50 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

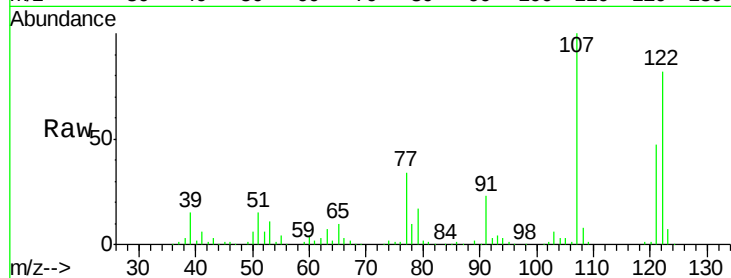
Tot Ion:122 Resp: 198154

Ion Ratio Lower Upper

122 100

107 121.3 103.8 155.6

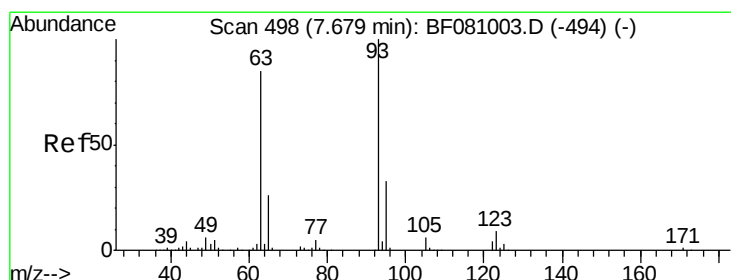
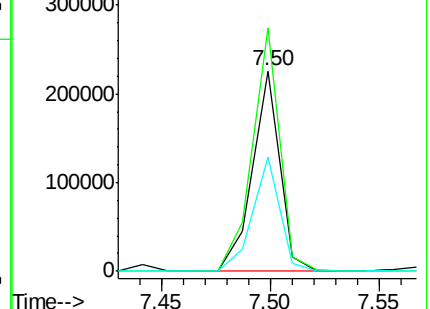
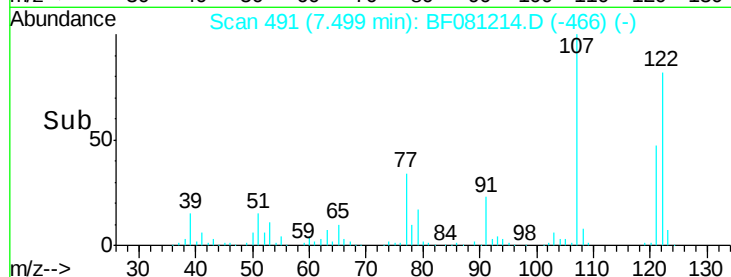
121 57.2 47.0 70.4



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: 38.66 ng

RT: 7.59 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

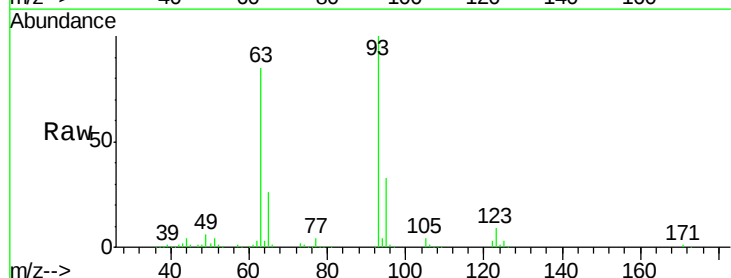
Tgt Ion: 93 Resp: 281171

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

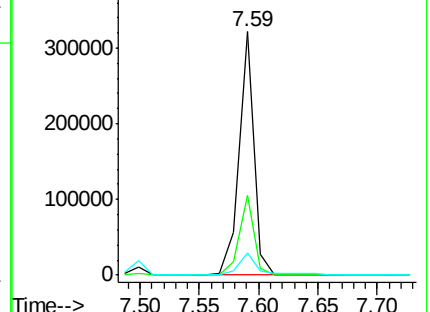
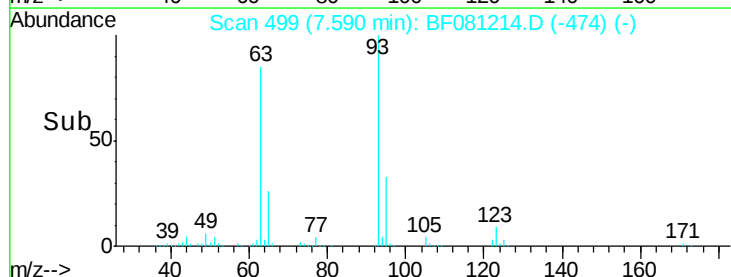
123 9.2 7.4 11.0

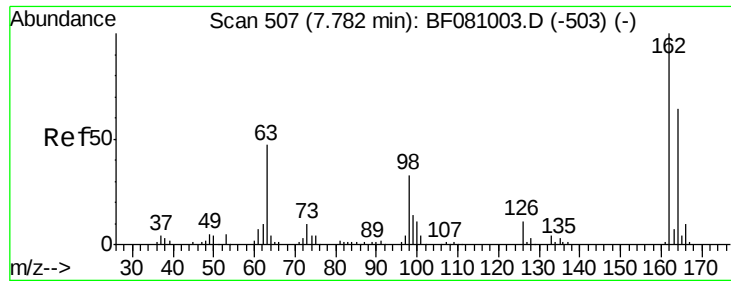


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

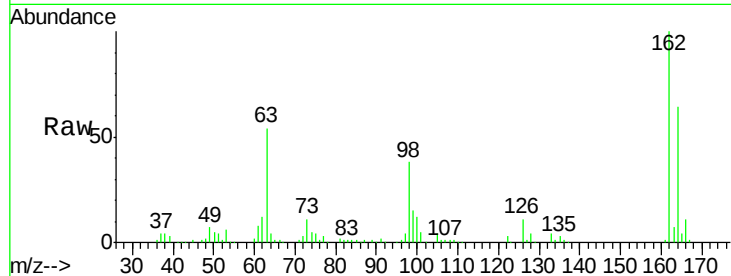




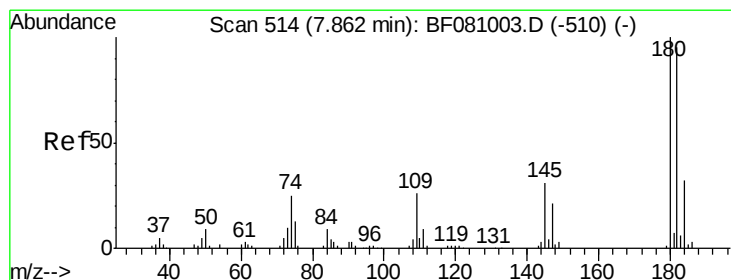
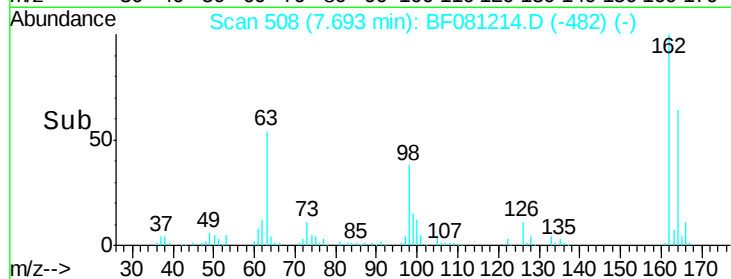
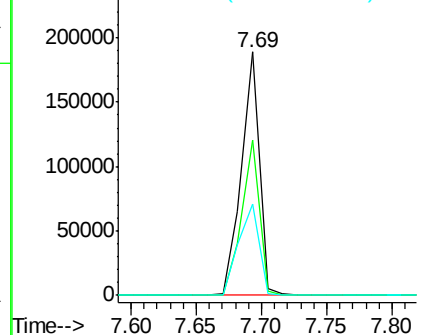
#29
 2,4-Dichlorophenol
 Concen: 42.06 ng
 RT: 7.69 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.2	83.2
98	37.6	12.3	52.3

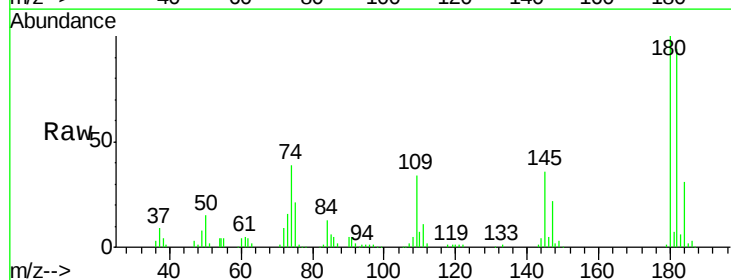


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

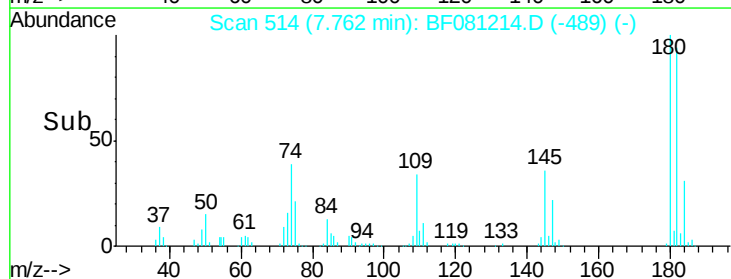
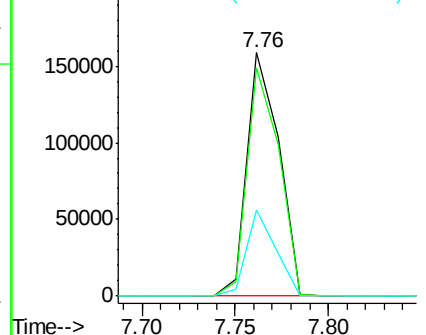


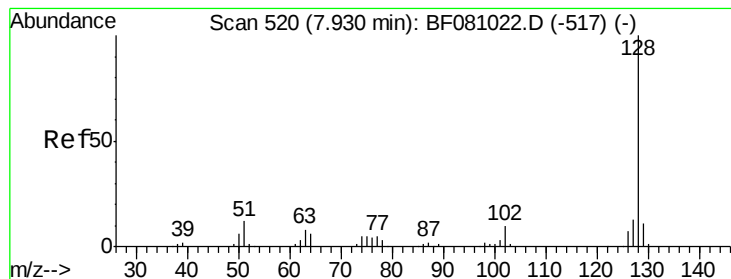
#30
 1,2,4-Trichlorobenzene
 Concen: 39.62 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.4	114.6
145	35.6	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: 38.49 ng

RT: 7.84 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampled :

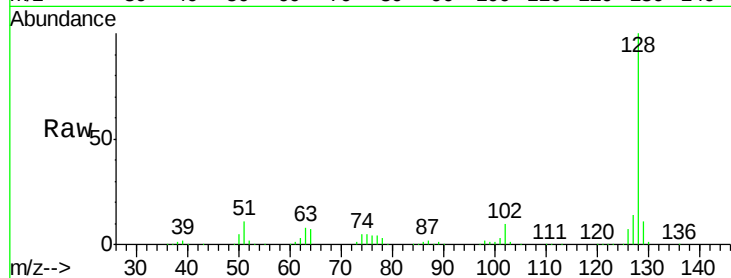
Tot Ion:128 Resp: 647055

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

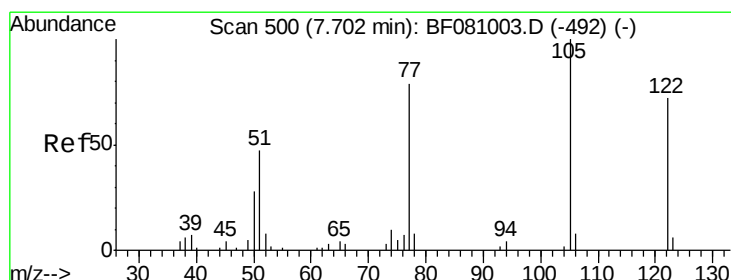
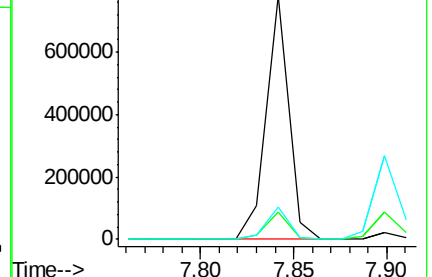
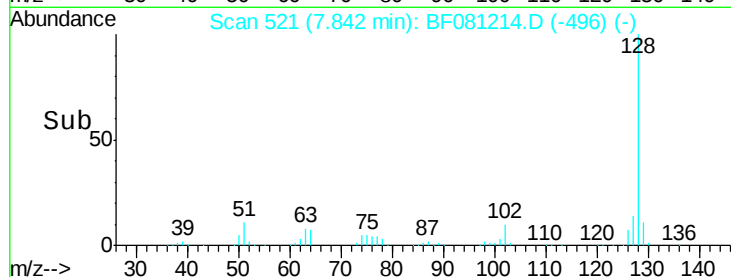
127 13.5 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.33 ng

RT: 7.64 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

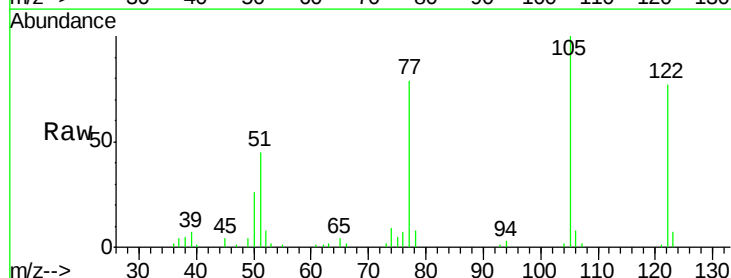
Tgt Ion:122 Resp: 98070

Ion Ratio Lower Upper

122 100

105 130.2 113.8 153.8

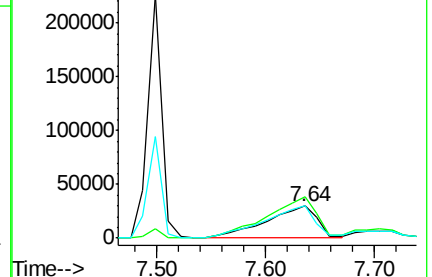
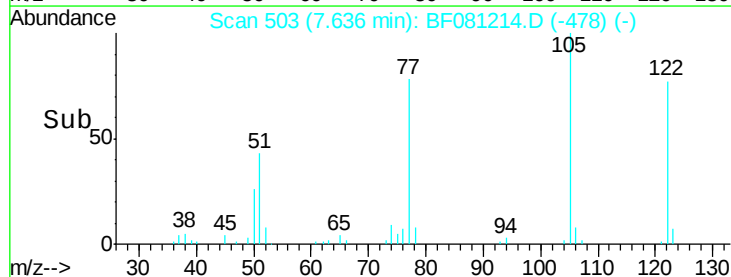
77 103.3 93.8 133.8

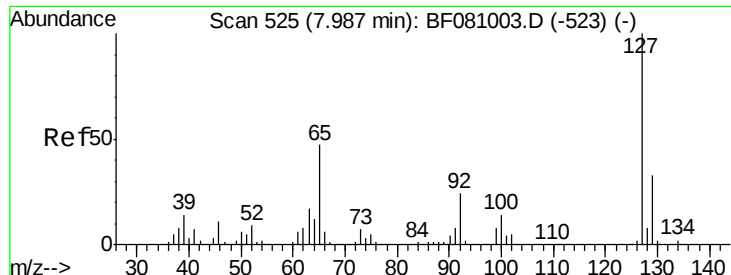


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

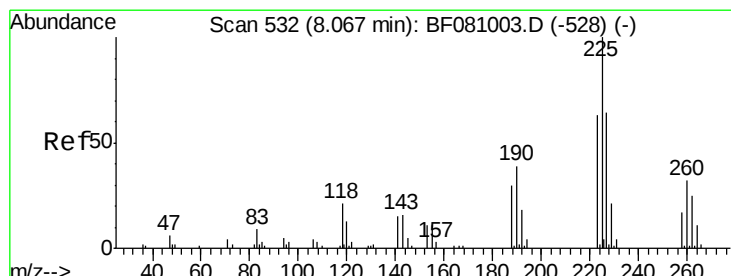
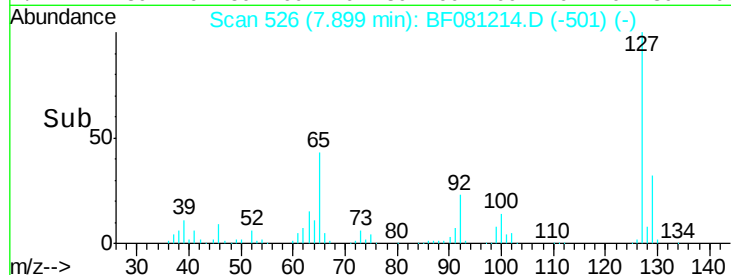
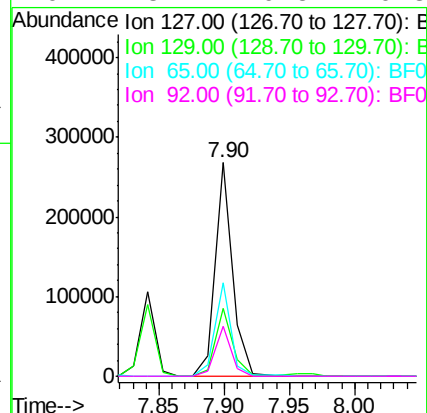
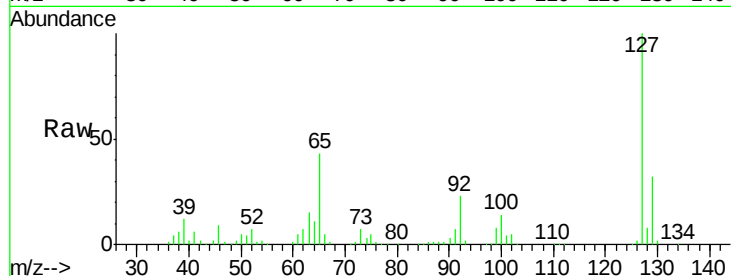




#33
 4-Chloroaniline
 Concen: 35.26 ng
 RT: 7.90 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

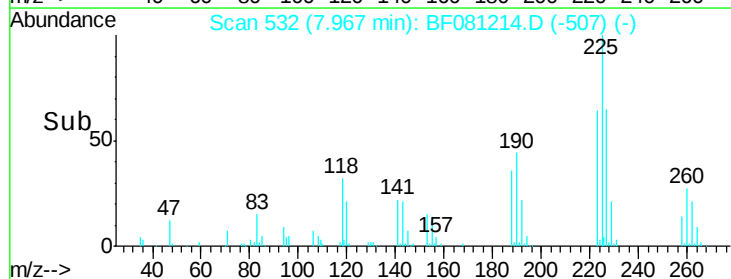
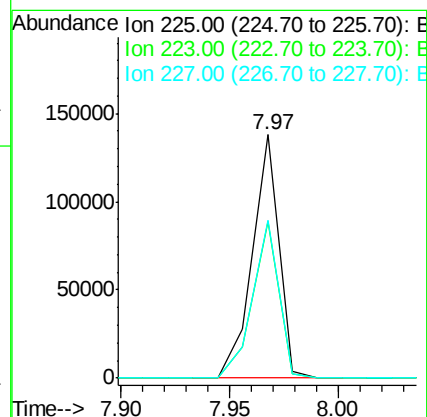
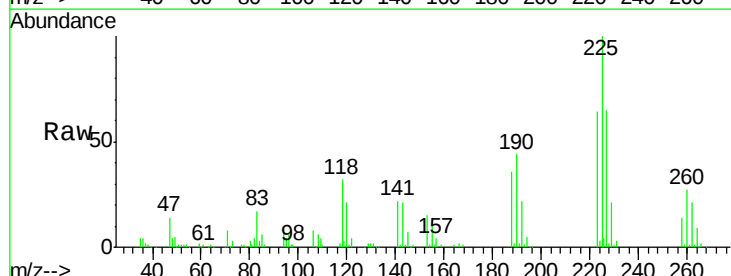
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	250098
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.2	37.8
65	43.5	37.8	56.6
92	23.1	19.5	29.3



#34
 Hexachlorobutadiene
 Concen: 43.39 ng
 RT: 7.97 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Tgt Ion:	225	Resp:	116603
Ion	Ratio	Lower	Upper
225	100		
223	64.3	52.6	79.0
227	64.9	51.1	76.7

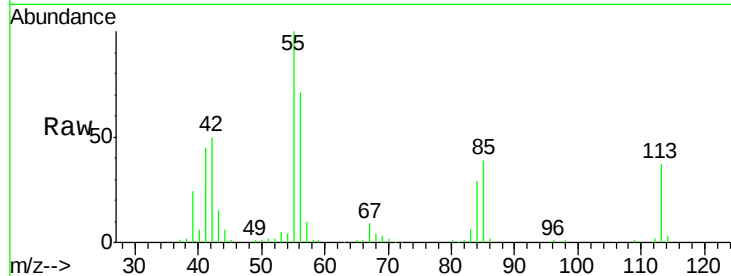




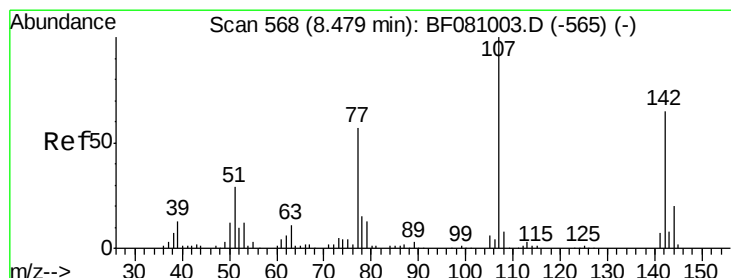
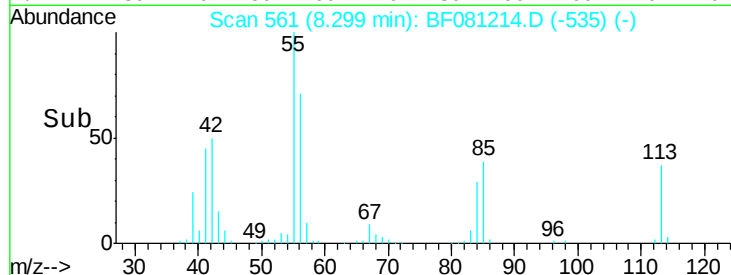
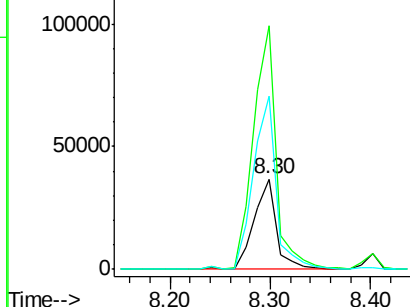
#35
 Caprolactam
 Concen: 38.12 ng
 RT: 8.30 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 56972
 Ion Ratio Lower Upper
 113 100
 55 269.9 280.4 320.4#
 56 191.9 205.9 245.9#

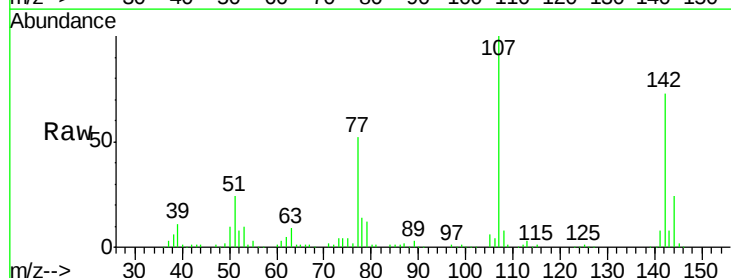


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

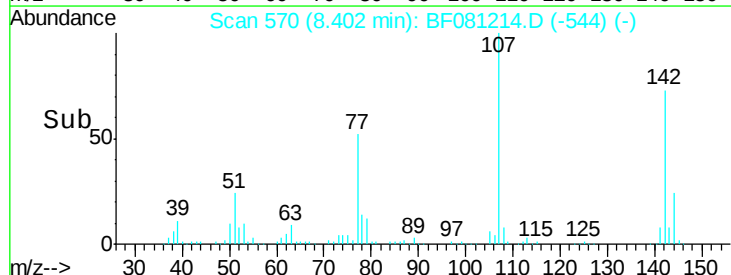
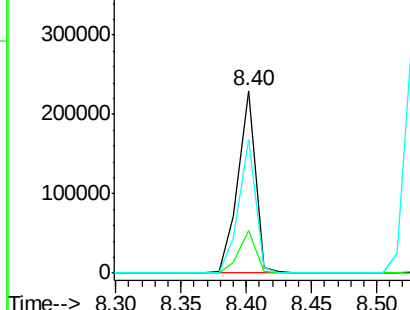


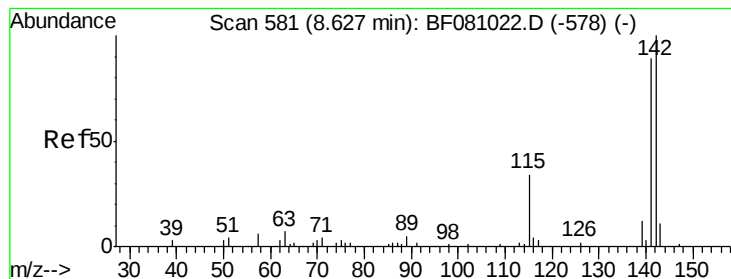
#36
 4-Chloro-3-methylphenol
 Concen: 42.29 ng
 RT: 8.40 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Tgt Ion:107 Resp: 215476
 Ion Ratio Lower Upper
 107 100
 144 23.7 17.2 25.8
 142 73.1 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

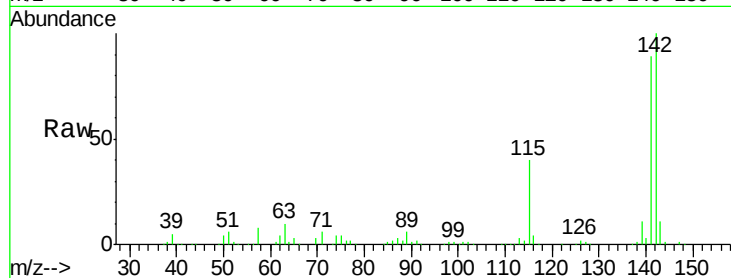




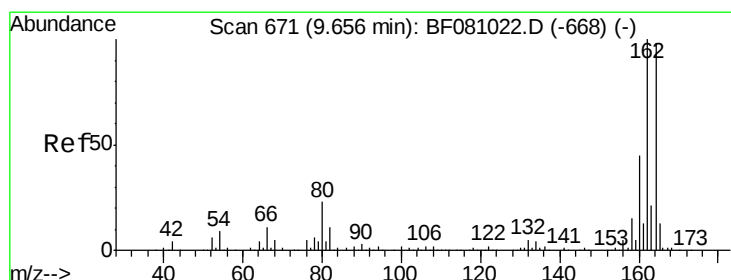
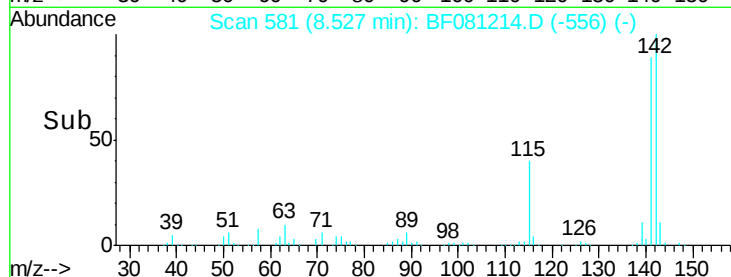
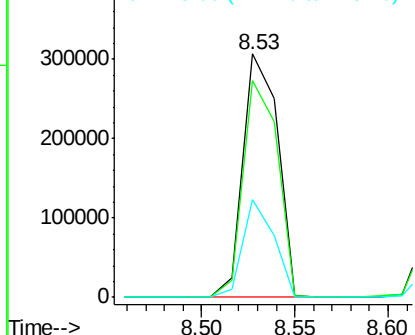
#37
 2-Methylnaphthalene
 Concen: 37.68 ng
 RT: 8.53 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	39.9	33.4	50.0

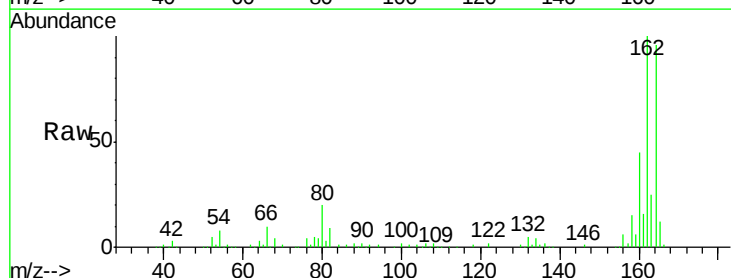


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

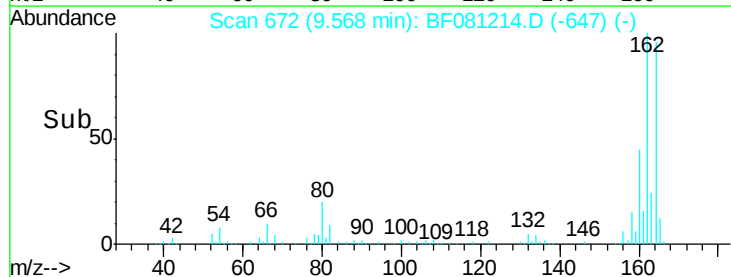
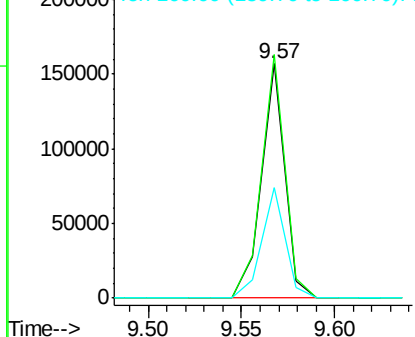


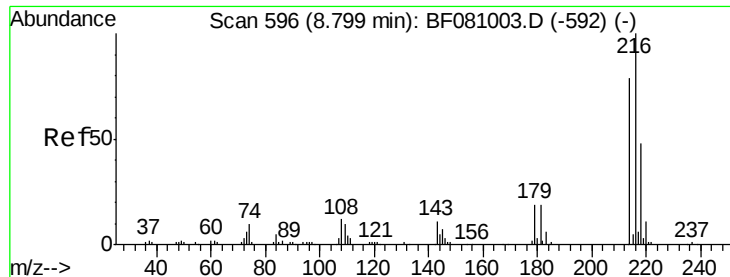
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.8	125.8
160	46.9	39.8	59.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

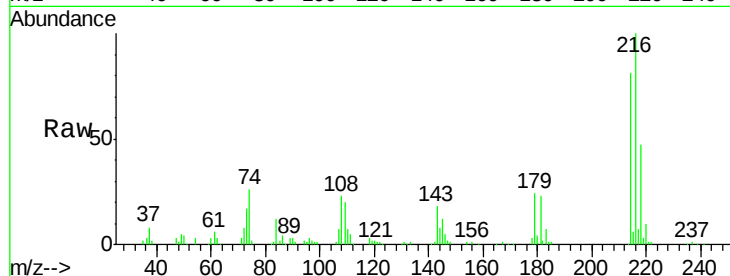




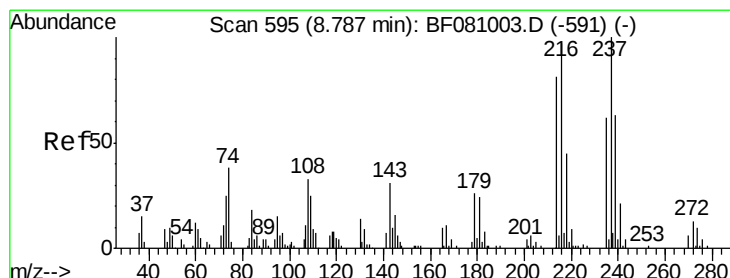
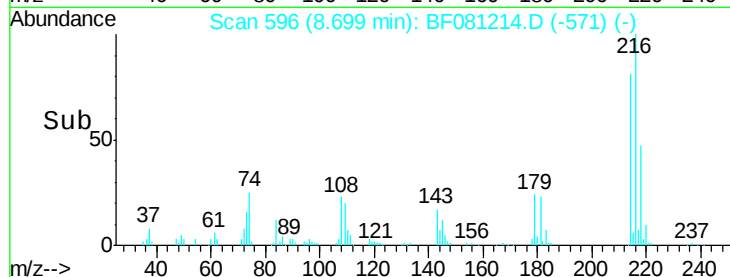
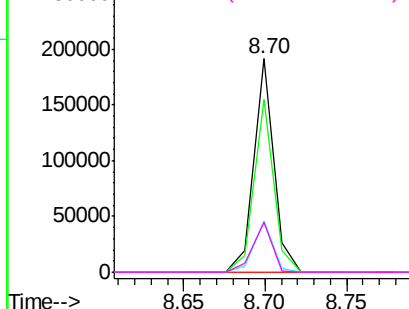
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.55 ng
 RT: 8.70 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	163463
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.8
179	23.4	17.8	26.8
108	22.8	16.2	24.2

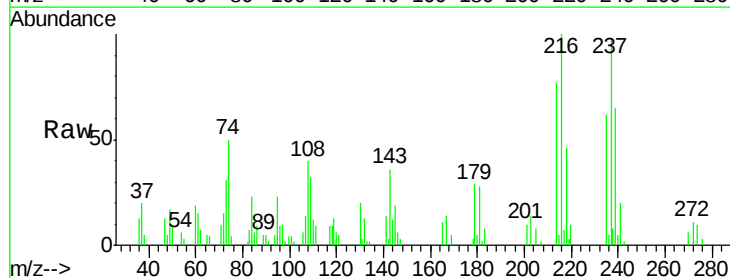


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

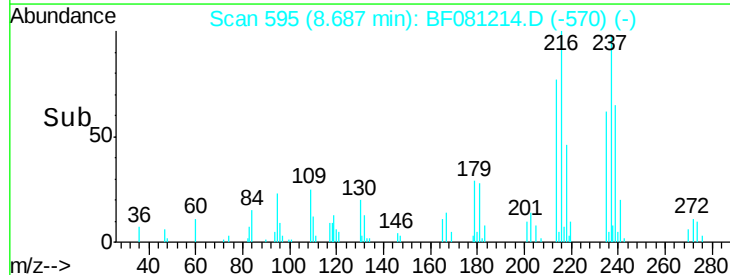
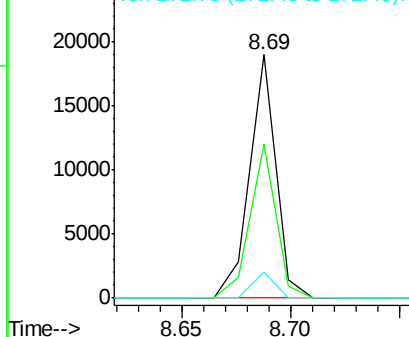


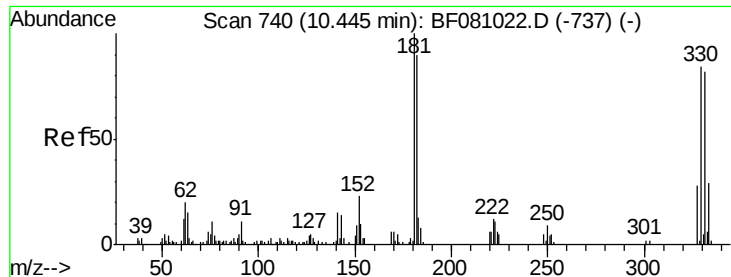
#40
 Hexachlorocyclopentadiene
 Concen: 7.09 ng
 RT: 8.69 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Tgt Ion:	237	Resp:	15972
Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.6	83.6
272	10.9	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: 70.29 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :
BNA_F
ClientSampled :

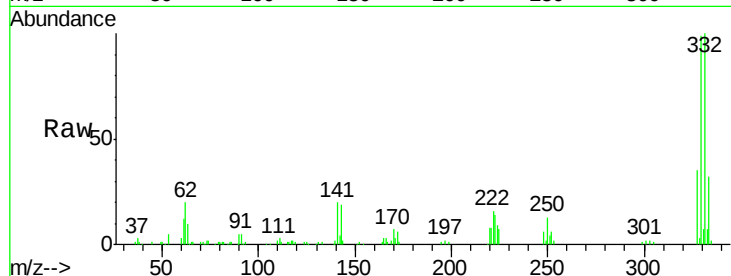
Tot Ion:330 Resp: 82210

Ion Ratio Lower Upper

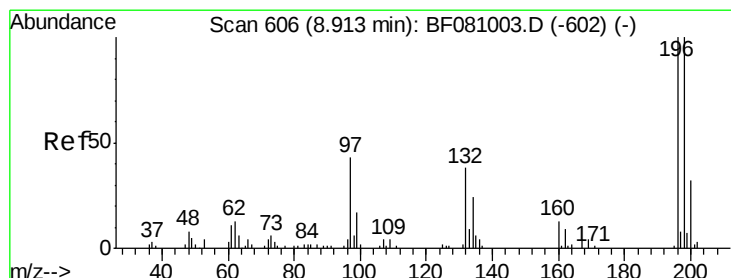
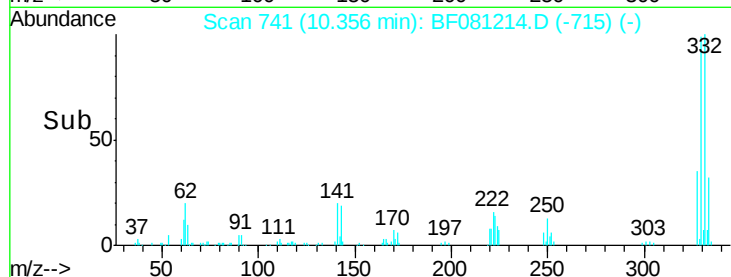
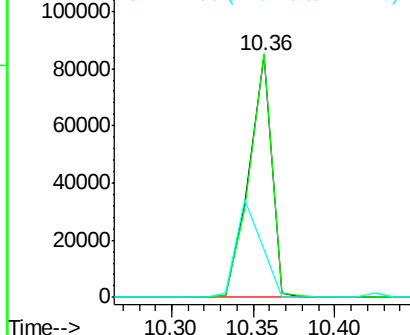
330 100

332 99.0 77.3 115.9

141 44.2 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: 38.92 ng

RT: 8.82 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

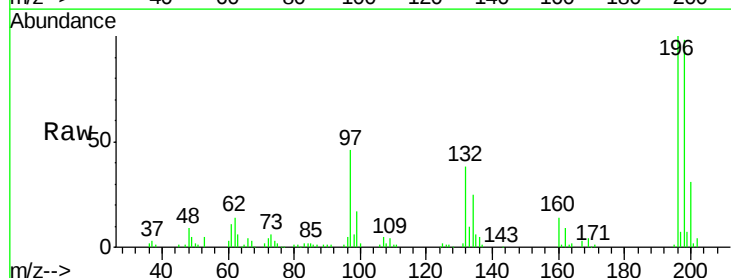
Tgt Ion:196 Resp: 119695

Ion Ratio Lower Upper

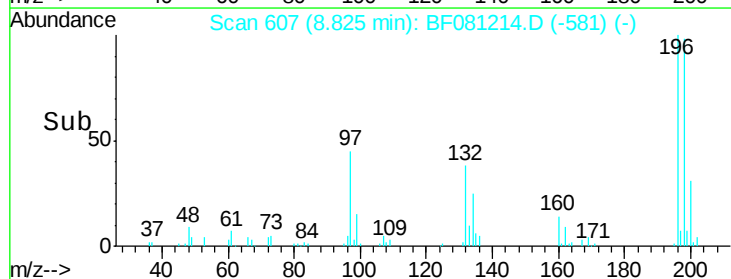
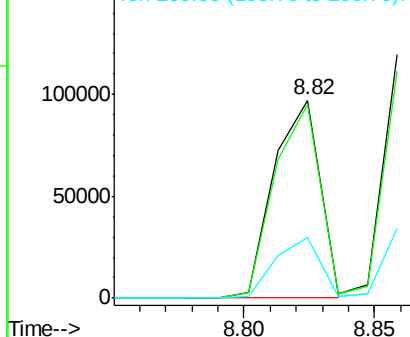
196 100

198 97.7 74.6 111.8

200 30.9 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

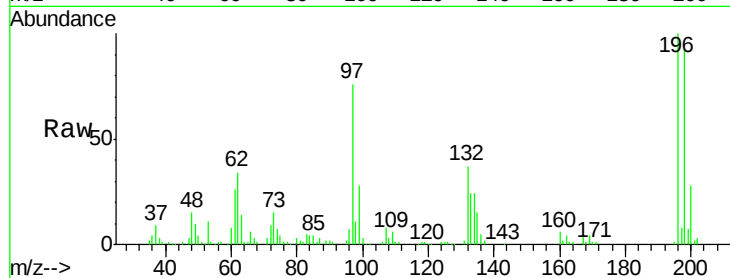




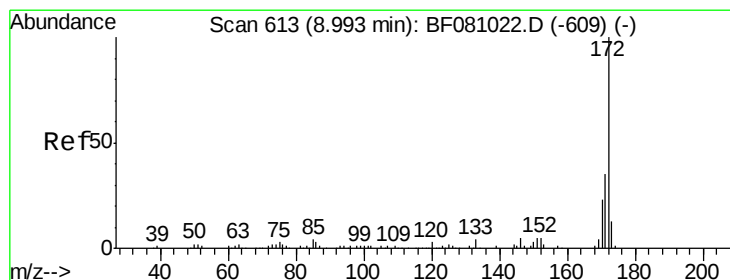
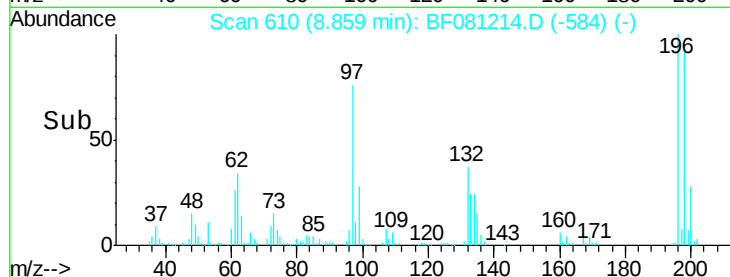
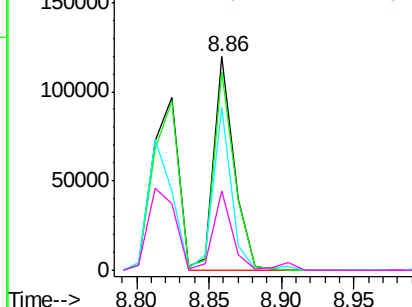
#43
 2,4,5-Trichlorophenol
 Concen: 37.55 ng
 RT: 8.86 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	115395
Ion	Ratio	Lower	Upper
196	100		
198	93.1	78.3	117.5
97	76.2	42.7	64.1#
132	36.9	23.3	34.9#

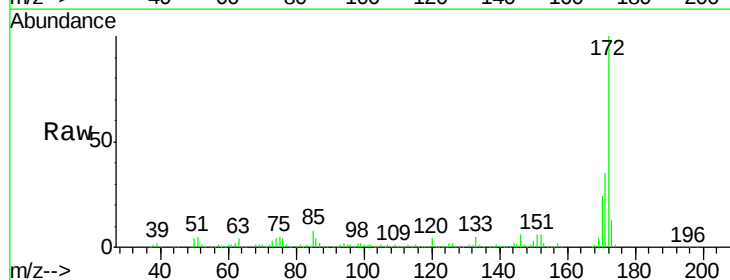


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

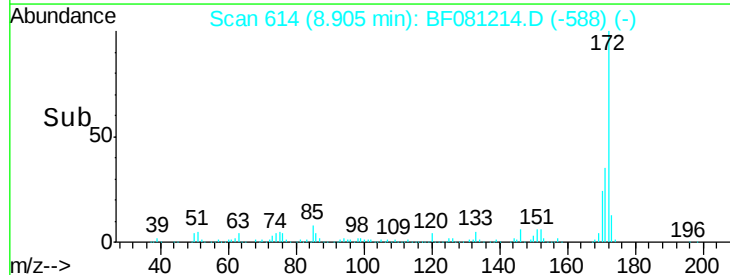
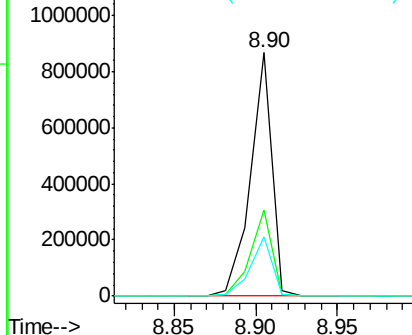


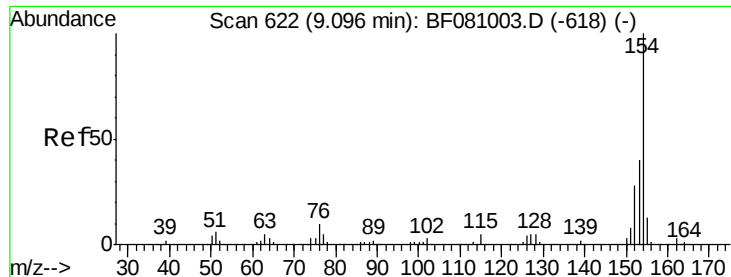
#44
 2-Fluorobiphenyl
 Concen: 77.05 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Tgt Ion:	172	Resp:	793397
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	24.5	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

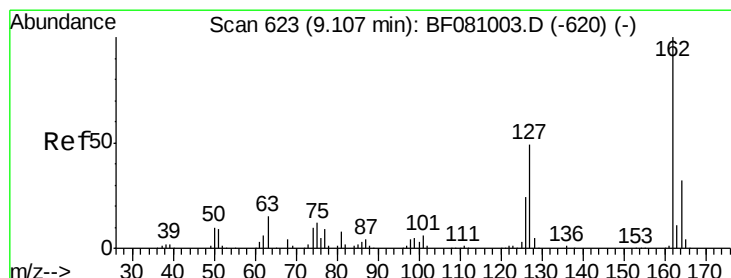
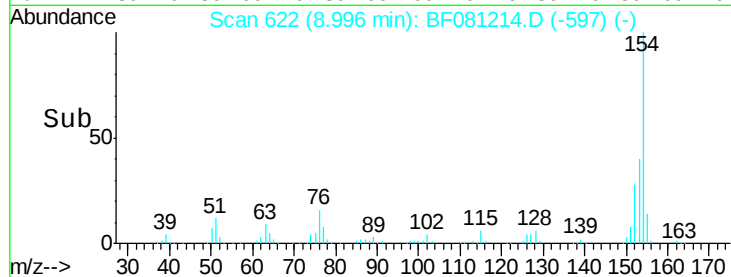
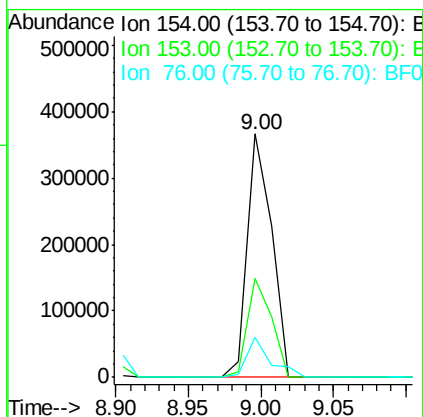
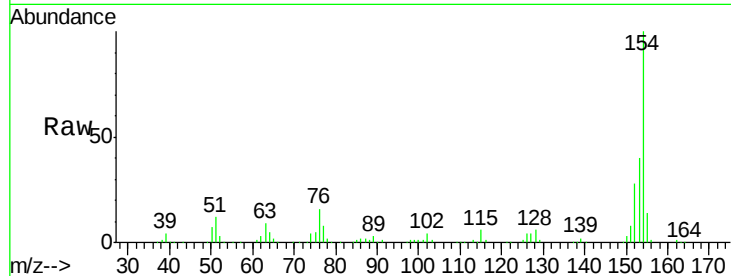




#45
 1,1'-Biphenyl
 Concen: 35.82 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

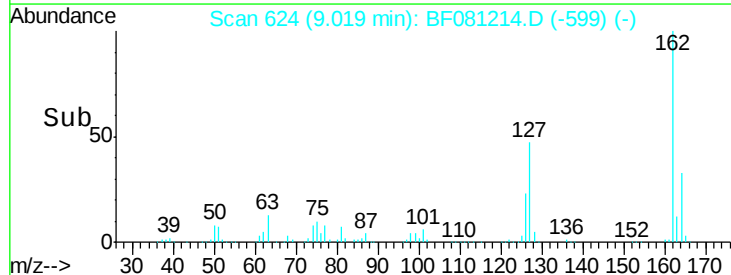
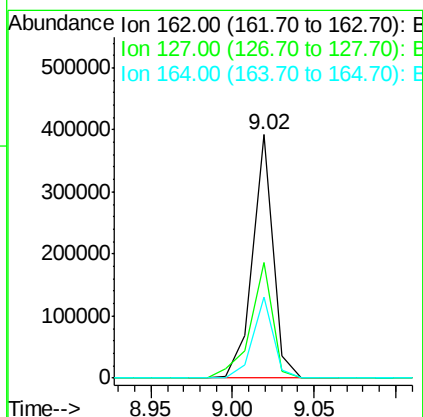
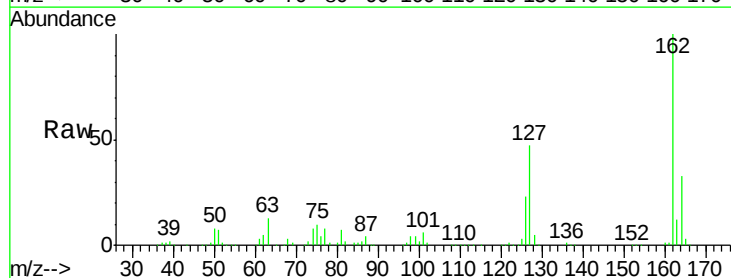
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 425666
 Ion Ratio Lower Upper
 154 100
 153 40.5 19.5 59.5
 76 16.3 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 36.09 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Tgt Ion:162 Resp: 344542
 Ion Ratio Lower Upper
 162 100
 127 47.4 31.3 46.9#
 164 33.4 26.3 39.5

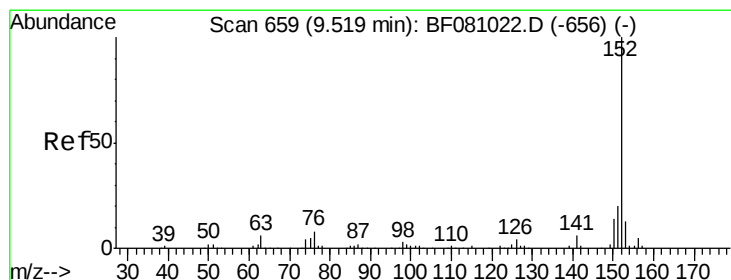
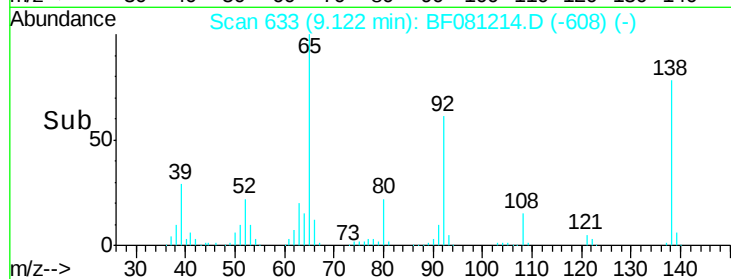
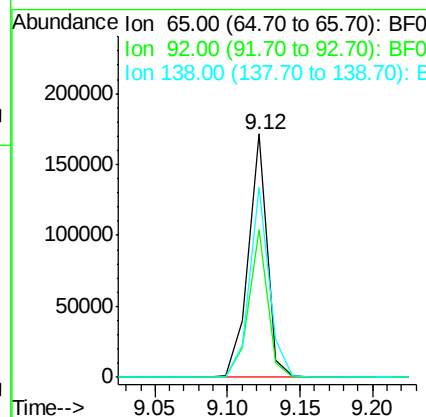
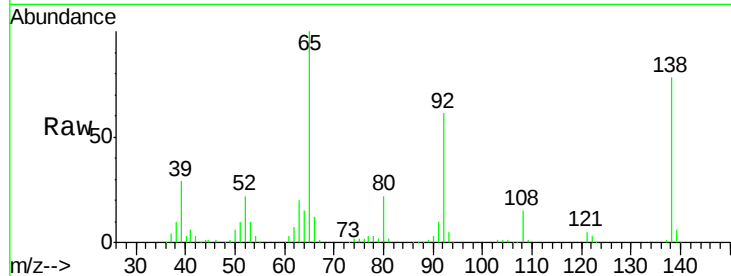




#47
2-Nitroaniline
Concen: 39.76 ng
RT: 9.12 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

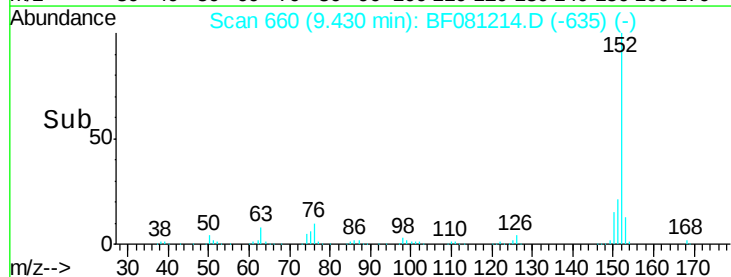
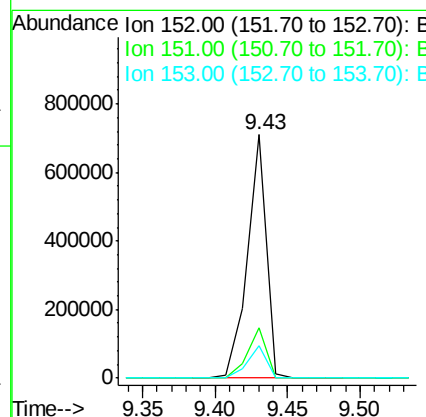
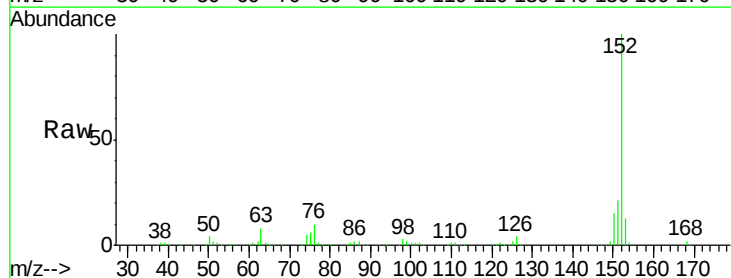
Instrument :
BNA_F
ClientSampleId :

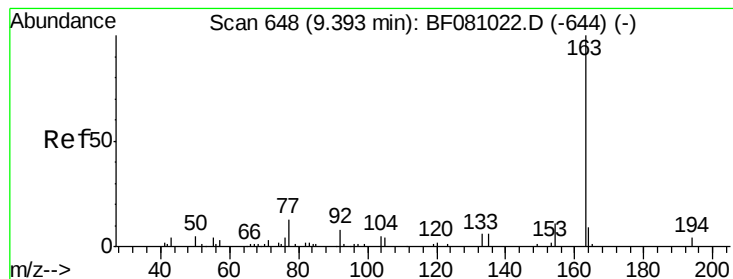
Tot Ion: 65 Resp: 155357
Ion Ratio Lower Upper
65 100
92 60.6 45.6 68.4
138 78.1 57.9 86.9



#48
Acenaphthylene
Concen: 37.64 ng
RT: 9.43 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

Tgt Ion: 152 Resp: 642836
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 13.2 9.8 14.6





#49

Dimethylphthalate

Concen: 40.57 ng

RT: 9.32 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

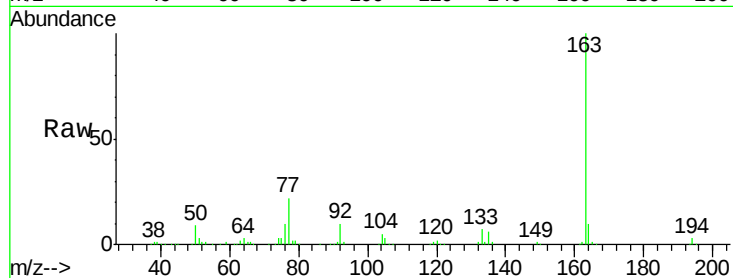
Tot Ion:163 Resp: 450764

Ion Ratio Lower Upper

163 100

194 3.3 2.5 3.7

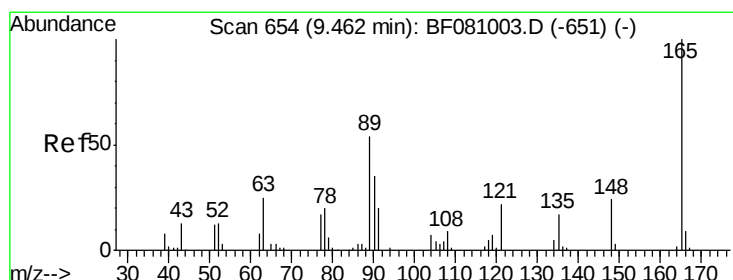
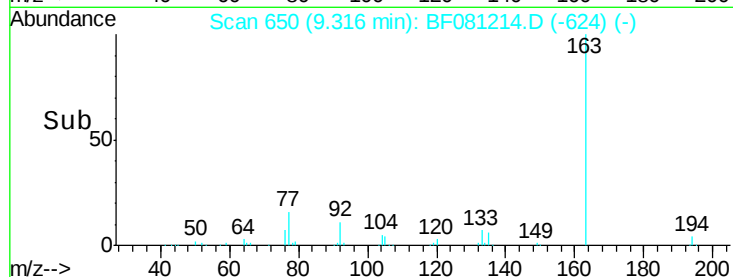
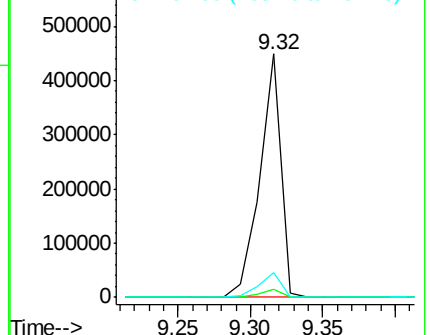
164 10.0 8.1 12.1



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: 37.61 ng

RT: 9.37 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

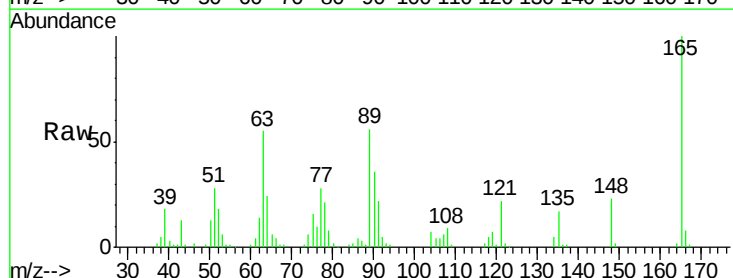
Tgt Ion:165 Resp: 89726

Ion Ratio Lower Upper

165 100

63 55.2 49.5 74.3

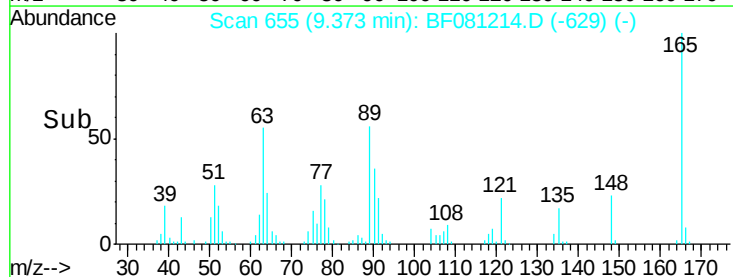
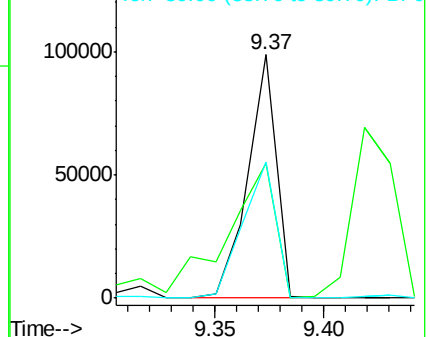
89 55.9 47.6 71.4



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: 35.03 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

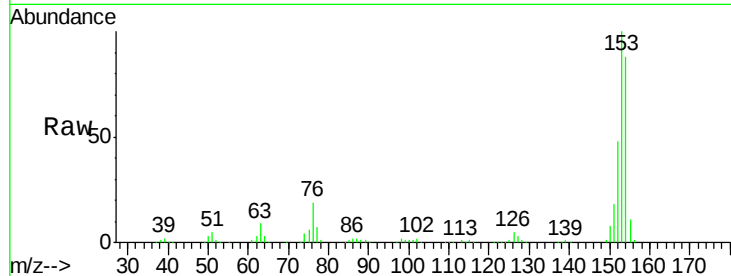
Tot Ion:154 Resp: 358156

Ion Ratio Lower Upper

154 100

153 113.8 91.4 137.2

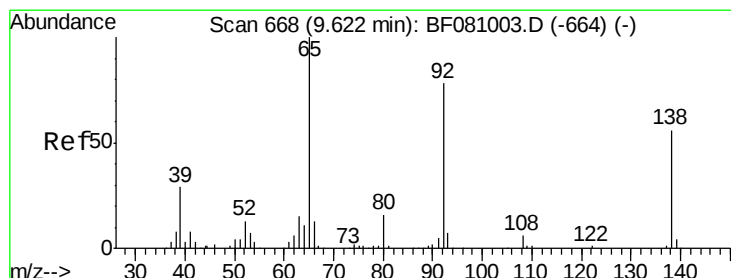
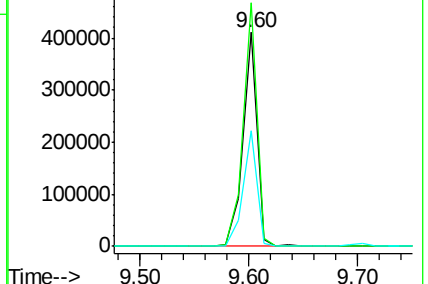
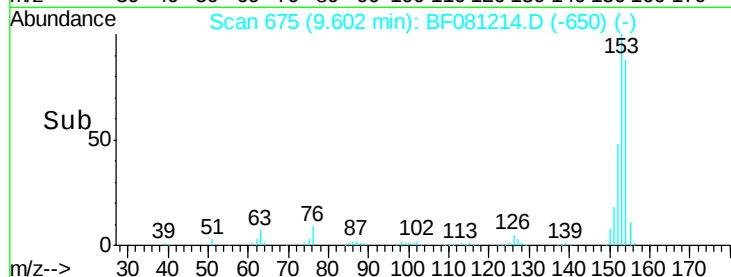
152 54.3 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.47 ng

RT: 9.53 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

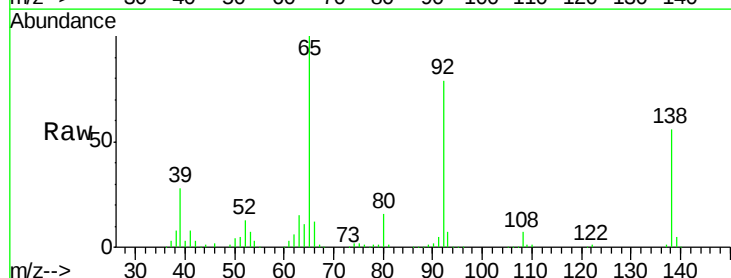
Tgt Ion:138 Resp: 105894

Ion Ratio Lower Upper

138 100

108 11.7 9.4 14.2

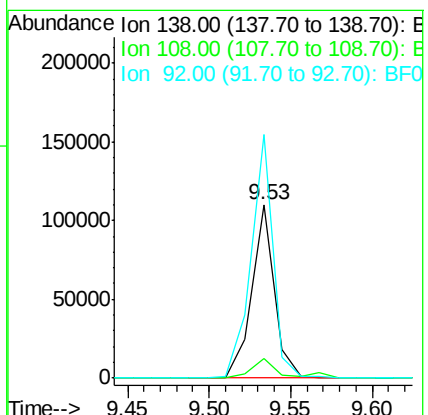
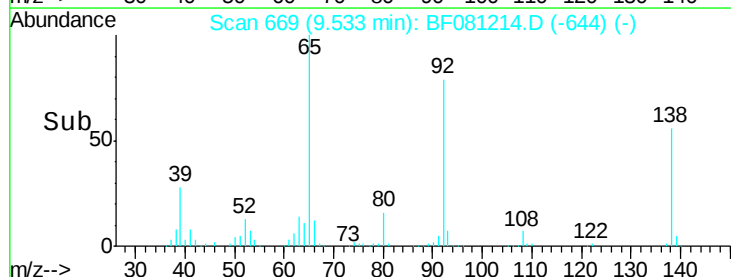
92 140.4 113.2 169.8

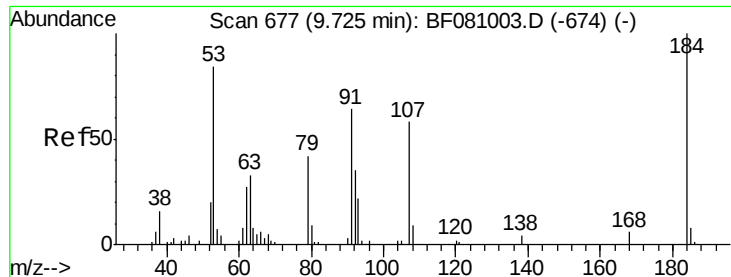


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

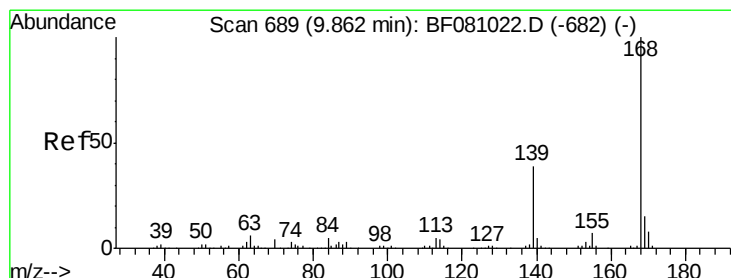
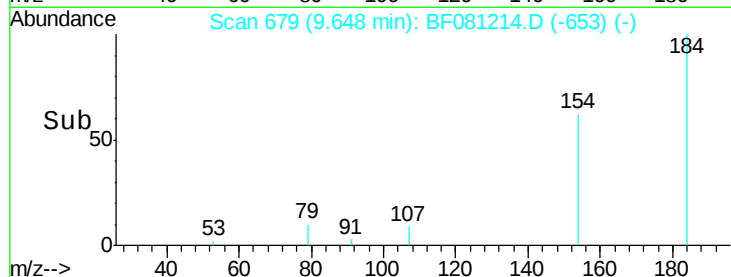
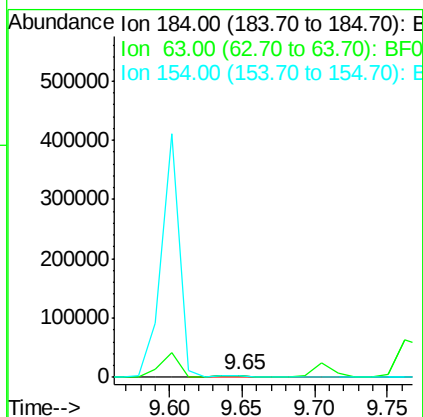
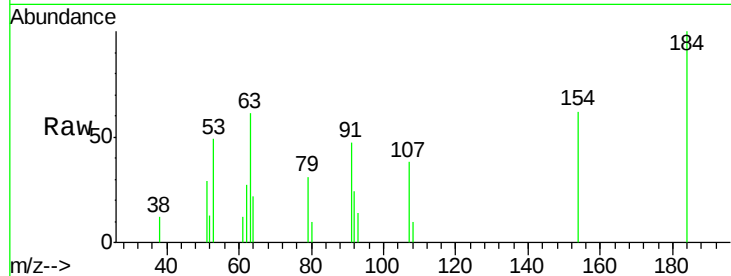




#53
2,4-Dinitrophenol
Concen: 6.90 ng
RT: 9.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

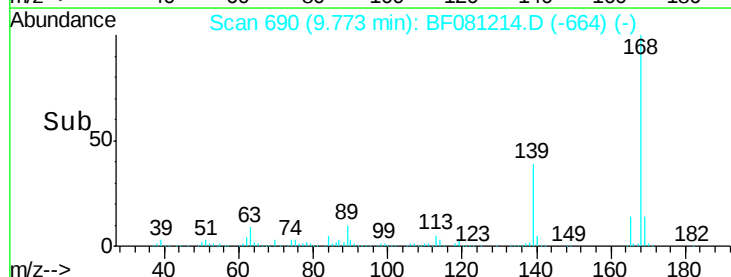
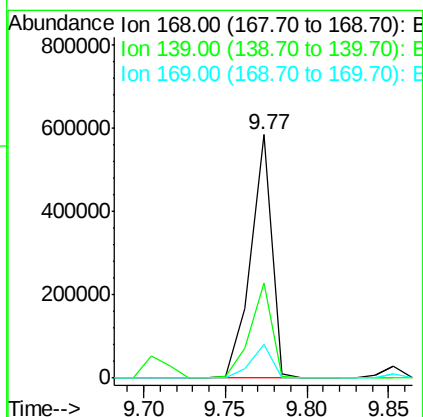
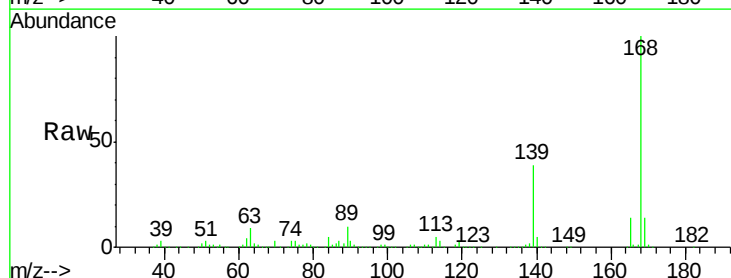
Instrument :
BNA_F
ClientSampled :

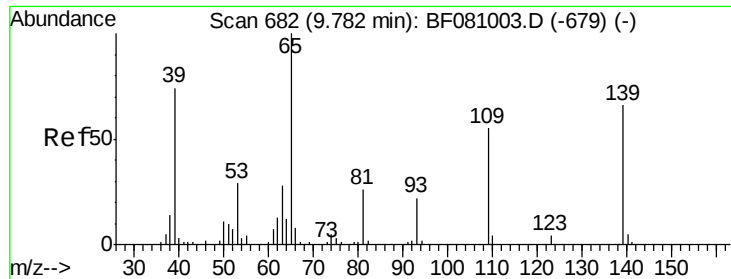
Tot Ion:184 Resp: 4781
Ion Ratio Lower Upper
184 100
63 60.5 101.7 152.5#
154 62.2 67.4 101.0#



#54
Dibenzofuran
Concen: 38.33 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

Tgt Ion:168 Resp: 525140
Ion Ratio Lower Upper
168 100
139 38.9 29.3 43.9
169 13.6 10.3 15.5

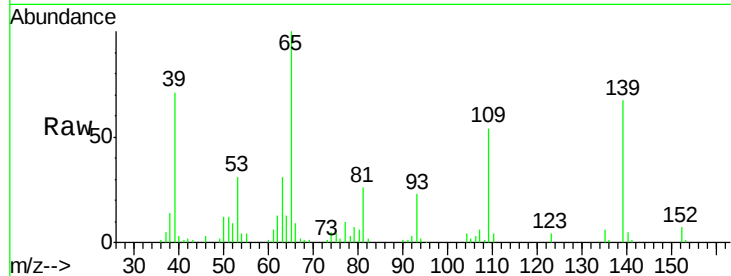




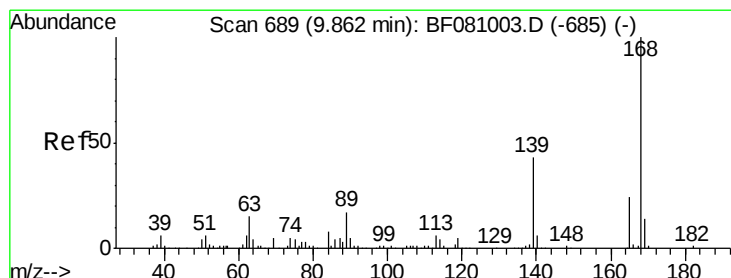
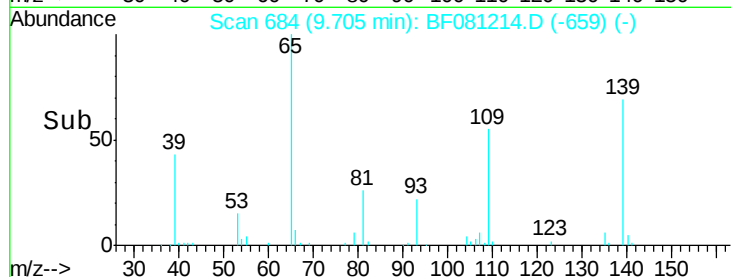
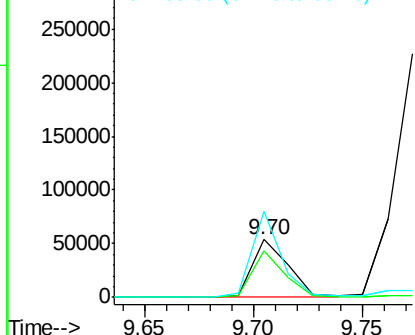
#55
4-Nitrophenol
Concen: 29.05 ng
RT: 9.70 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 60912
Ion Ratio Lower Upper
139 100
109 81.0 80.0 120.0
65 149.3 138.3 178.3

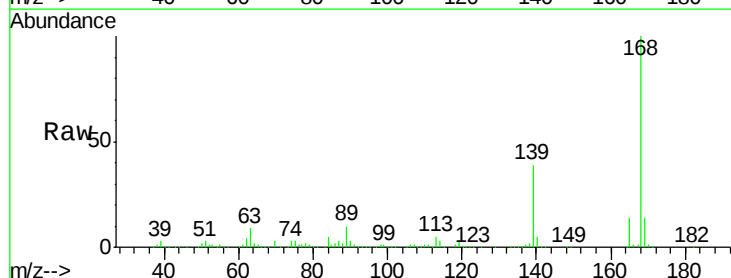


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

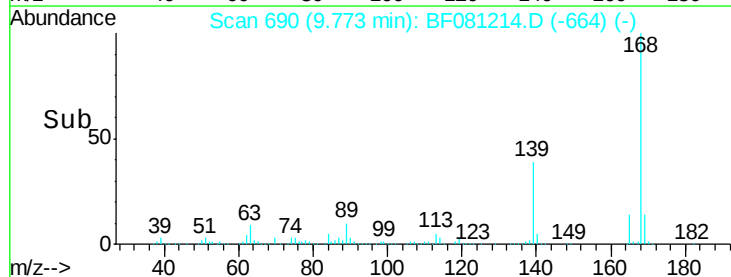
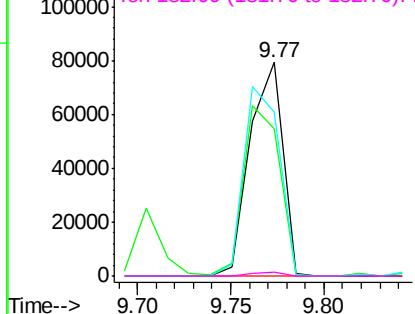


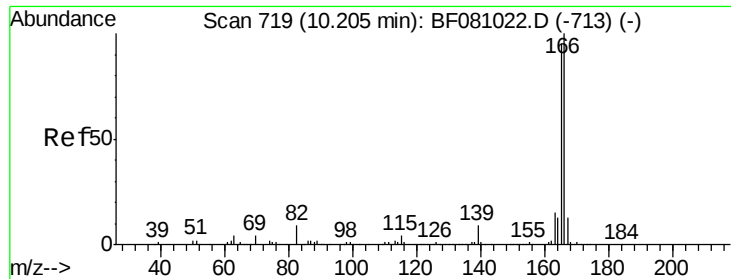
#56
2,4-Dinitrotoluene
Concen: 30.49 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

Tgt Ion:165 Resp: 96398
Ion Ratio Lower Upper
165 100
63 69.0 52.2 78.4
89 76.6 60.1 90.1
182 2.0 1.8 2.6



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

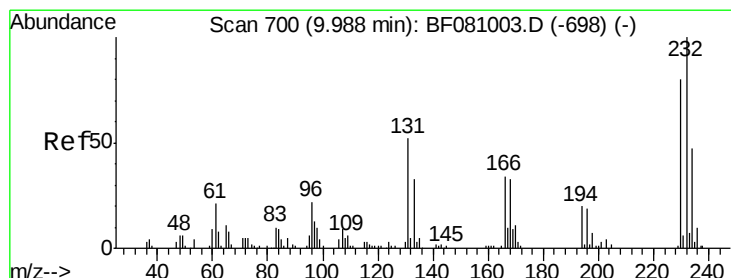
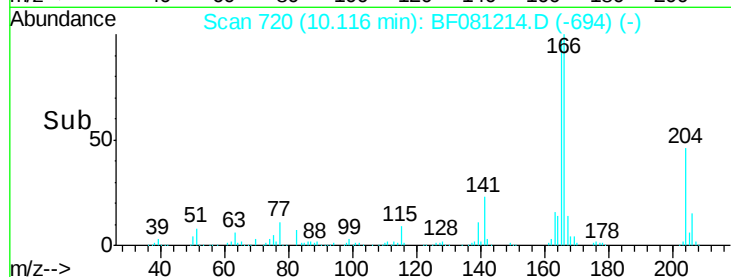
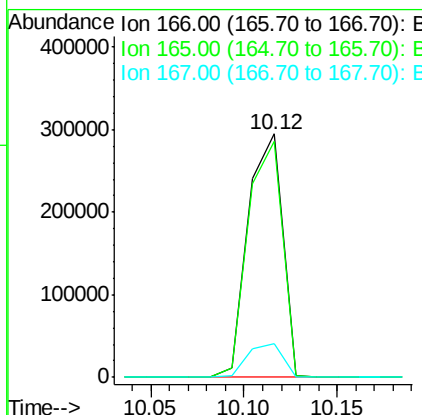
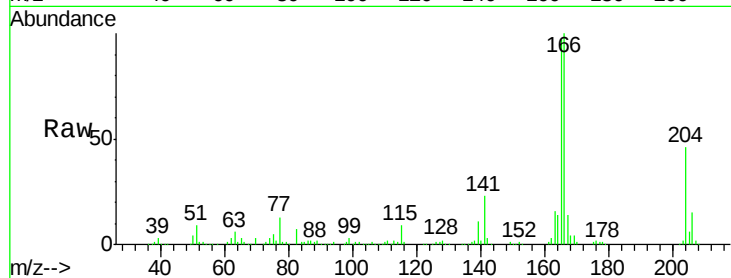




#57
 Fluorene
 Concen: 35.84 ng
 RT: 10.12 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

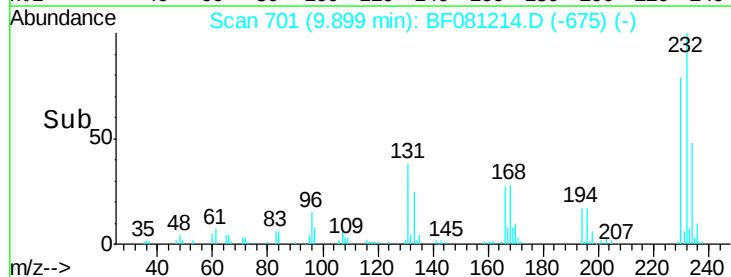
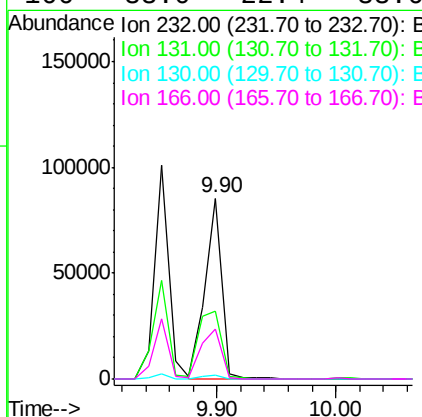
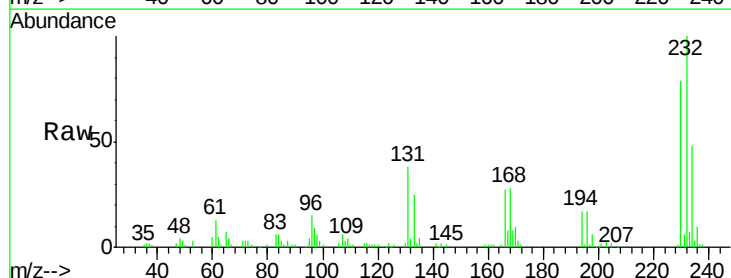
Instrument :
 BNA_F
 ClientSampleId :

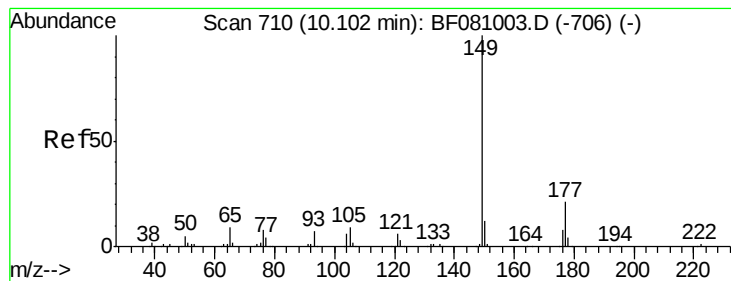
Tot Ion:166 Resp: 377734
 Ion Ratio Lower Upper
 166 100
 165 97.0 75.8 113.8
 167 13.6 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.87 ng
 RT: 9.90 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Tgt Ion:232 Resp: 85338
 Ion Ratio Lower Upper
 232 100
 131 50.9 42.2 63.4
 130 2.3 2.1 3.1
 166 33.0 22.4 33.6





#59

Diethylphthalate

Concen: 36.39 ng

RT: 10.00 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampled :

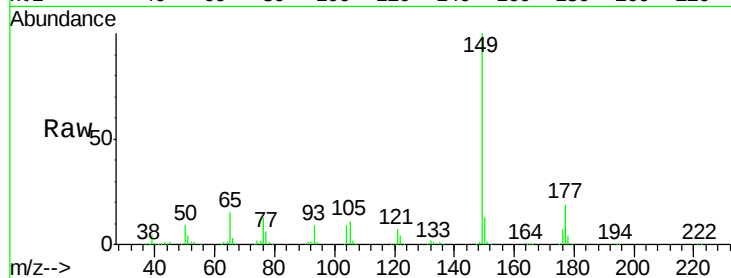
Tot Ion:149 Resp: 428032

Ion Ratio Lower Upper

149 100

177 18.7 14.1 21.1

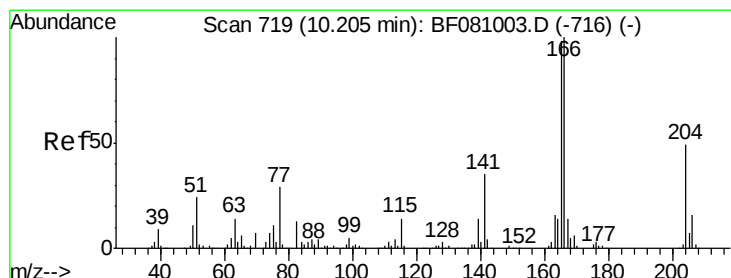
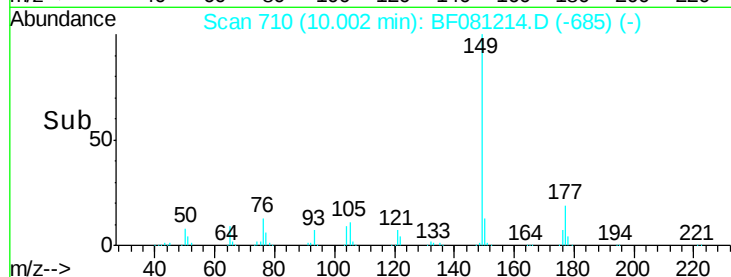
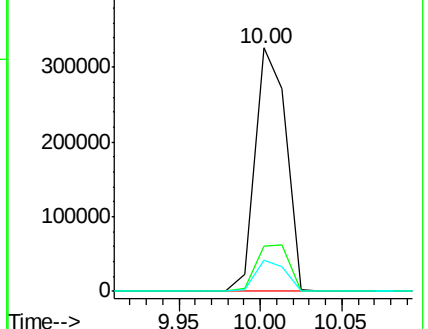
150 12.8 10.3 15.5



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: 37.79 ng

RT: 10.12 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

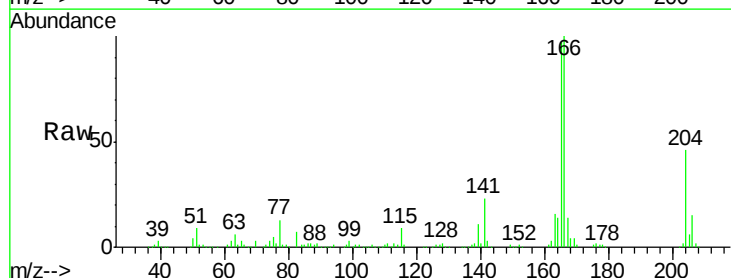
Tgt Ion:204 Resp: 168535

Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.2

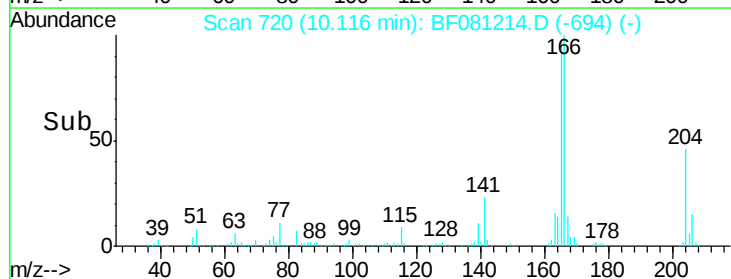
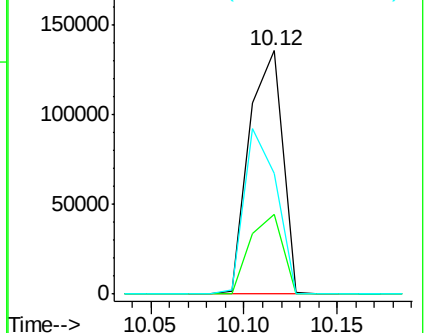
141 49.3 59.6 89.4#

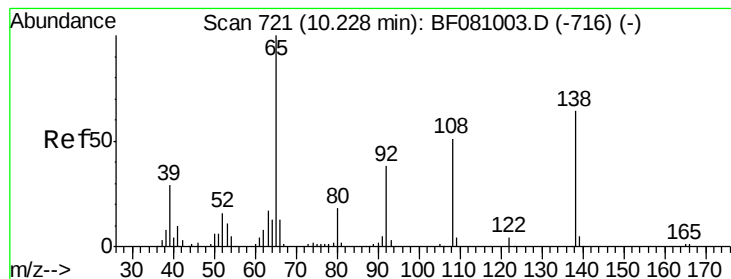


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.78 ng

RT: 10.15 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

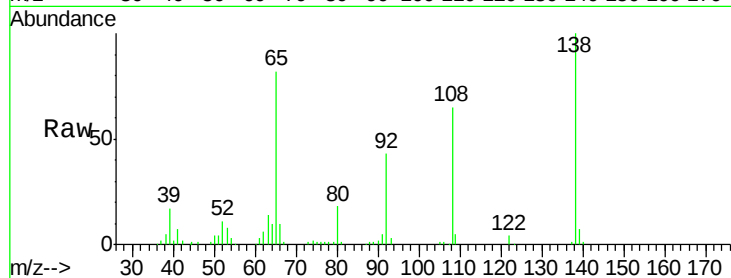
Tot Ion:138 Resp: 127479

Ion Ratio Lower Upper

138 100

92 42.6 34.7 74.7

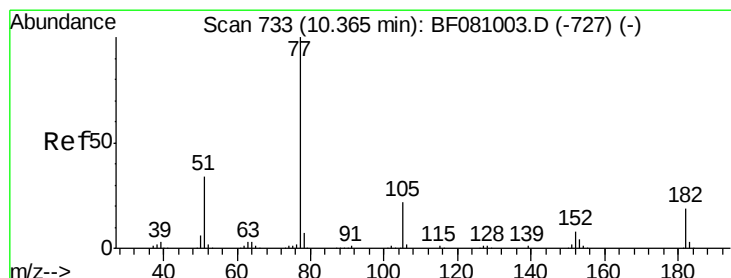
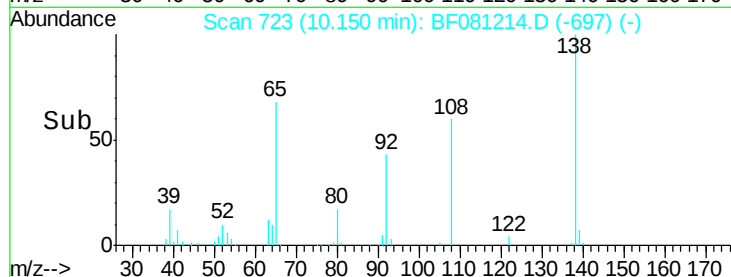
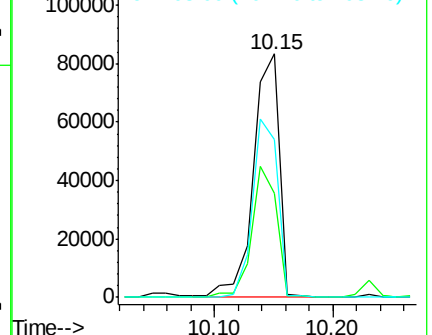
108 64.6 68.9 108.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.37 ng

RT: 10.26 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Tgt Ion: 77 Resp: 465820

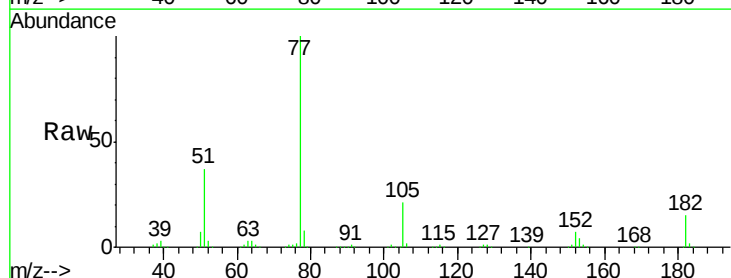
Ion Ratio Lower Upper

77 100

182 14.9 0.0 39.0

105 20.9 0.2 40.2

51 36.5 18.0 58.0

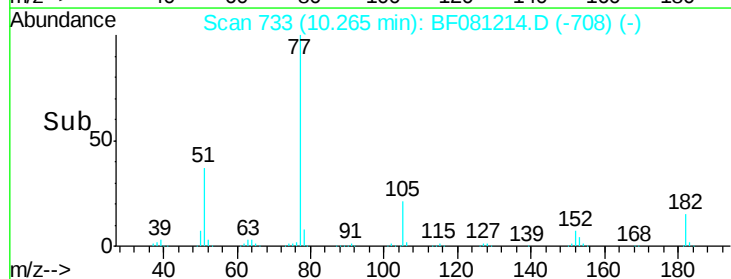
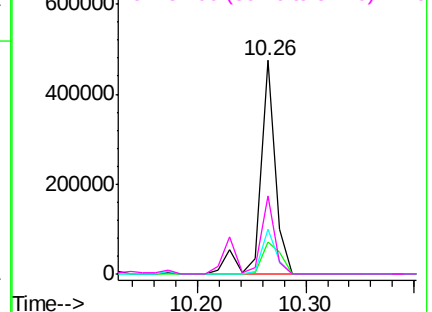


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

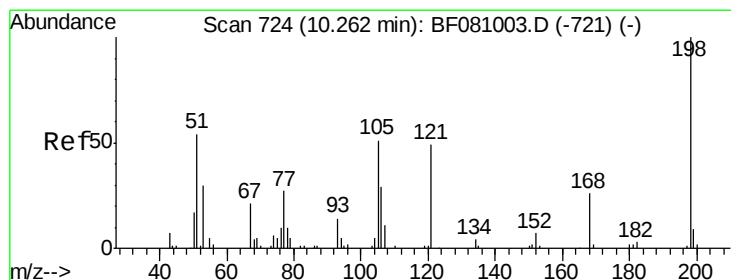
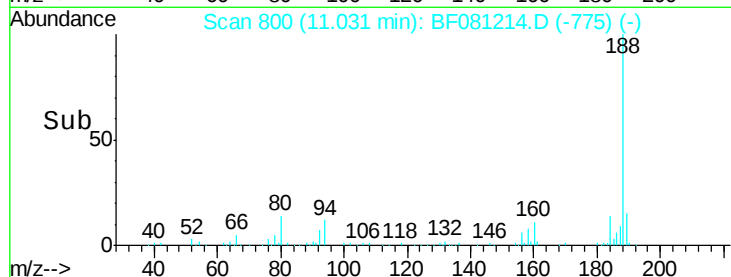
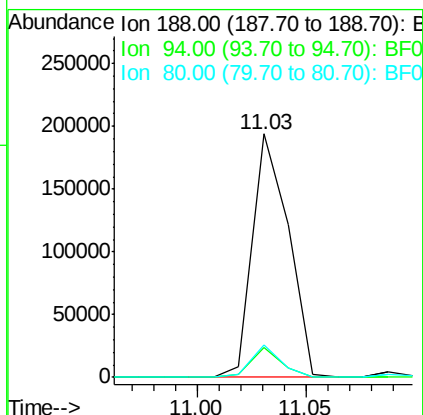
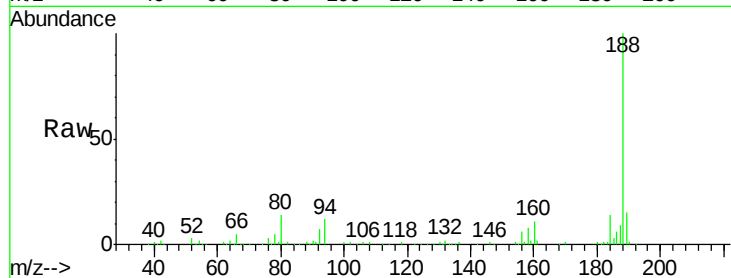




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

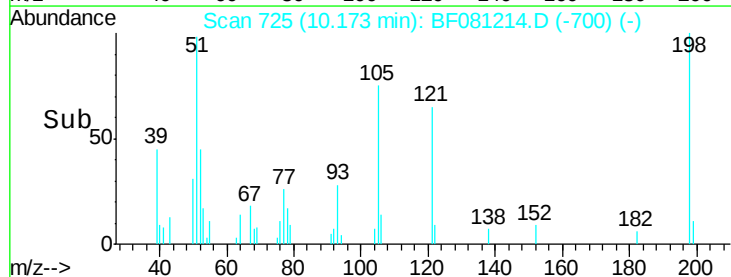
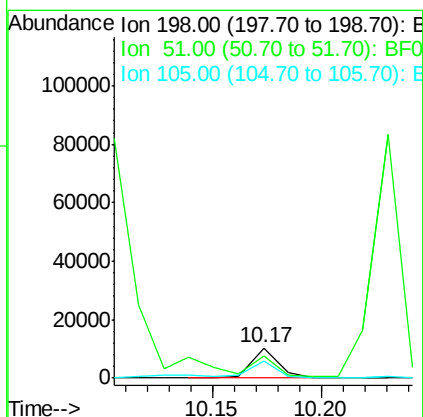
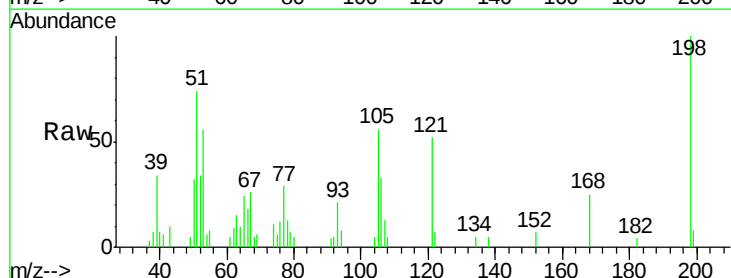
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 224588
 Ion Ratio Lower Upper
 188 100
 94 12.0 8.2 12.2
 80 13.5 9.5 14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.58 ng
 RT: 10.17 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Tgt Ion:198 Resp: 8825
 Ion Ratio Lower Upper
 198 100
 51 73.7 79.7 119.7#
 105 56.1 47.0 87.0

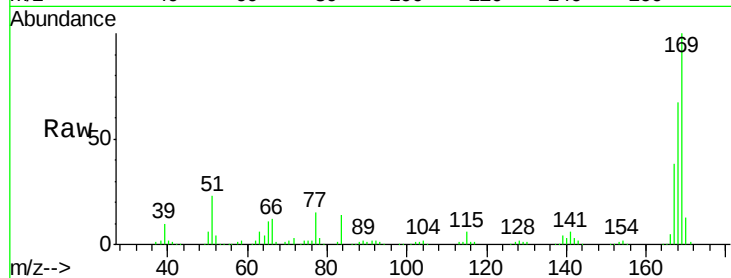




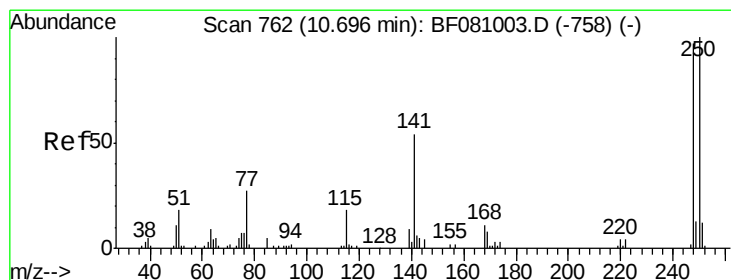
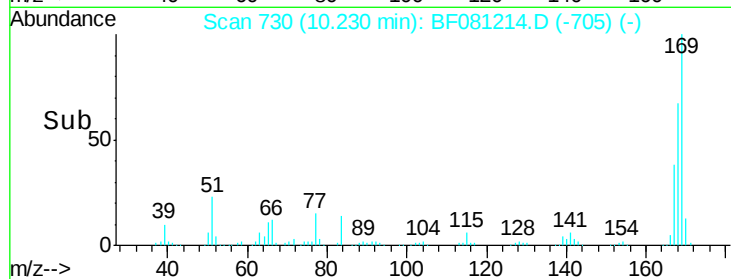
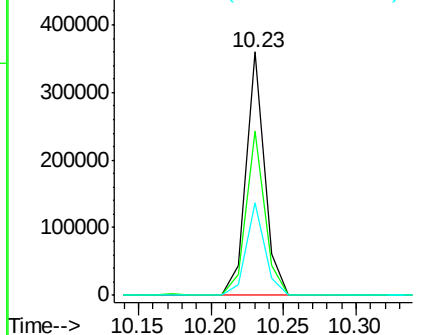
#65
 n-Nitrosodiphenylamine
 Concen: 40.03 ng
 RT: 10.23 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	55.3	82.9
167	37.9	30.8	46.2

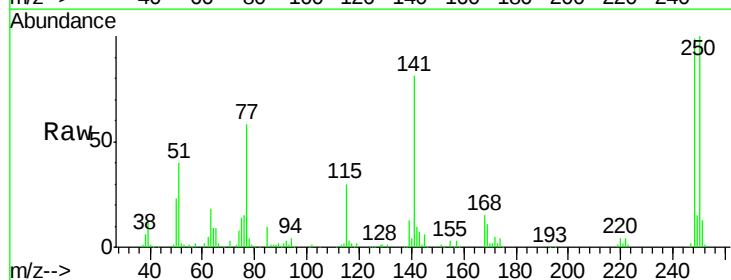


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

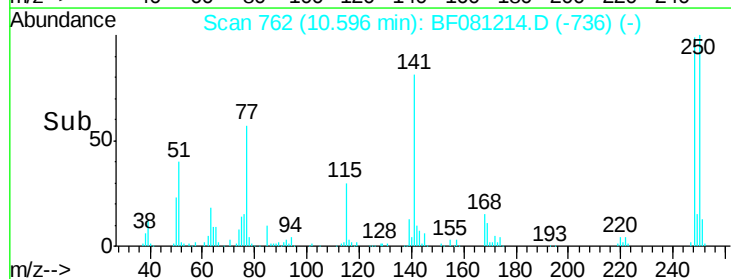
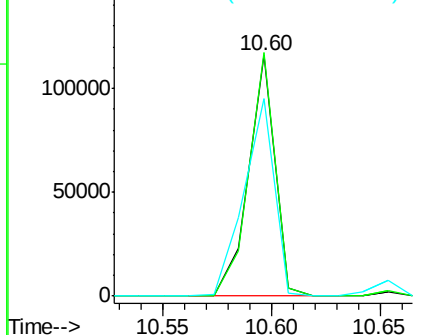


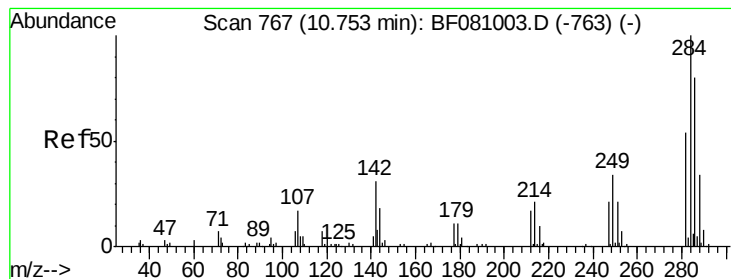
#66
 4-Bromophenyl-phenylether
 Concen: 44.50 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.2	77.8	116.6
141	82.3	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: 41.30 ng

RT: 10.65 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampled :

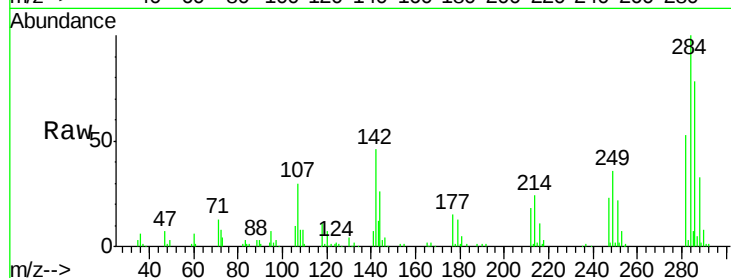
Tot Ion:284 Resp: 92272

Ion Ratio Lower Upper

284 100

142 45.7 25.4 38.0#

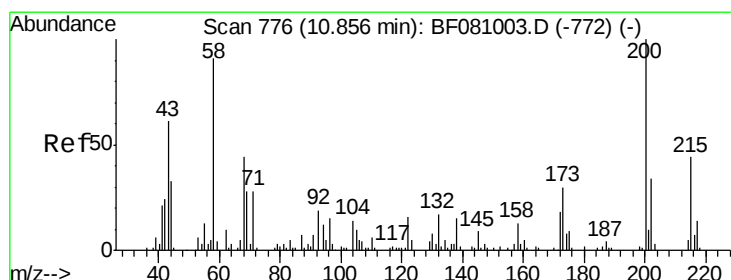
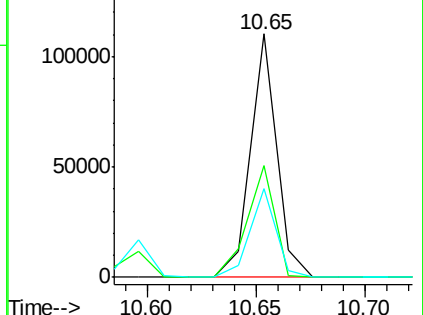
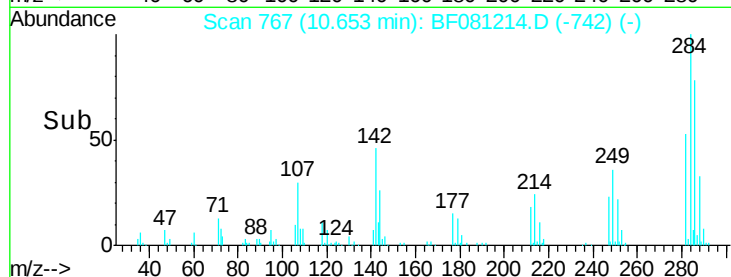
249 36.5 28.5 42.7



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: 37.51 ng

RT: 10.77 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

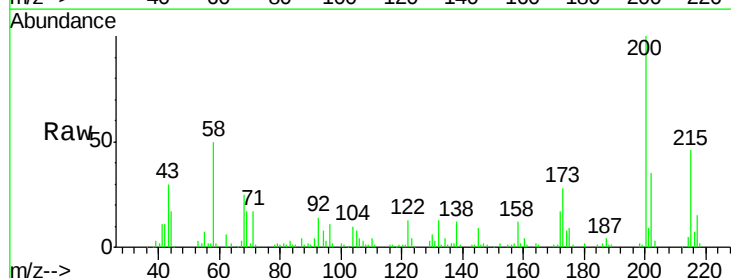
Tgt Ion:200 Resp: 83787

Ion Ratio Lower Upper

200 100

173 28.1 8.1 48.1

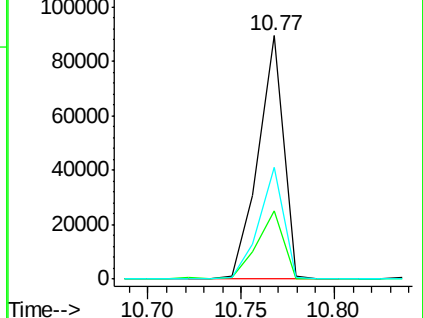
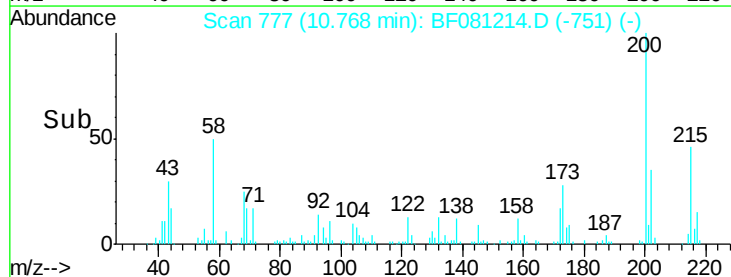
215 45.8 23.3 63.3



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

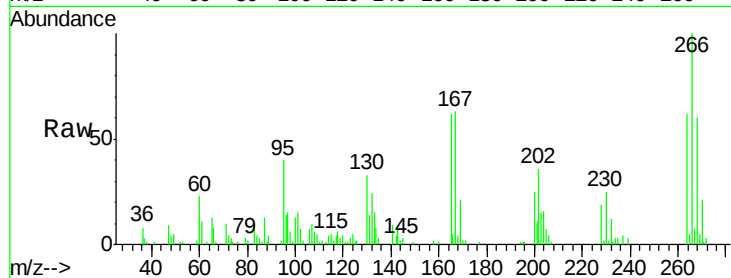




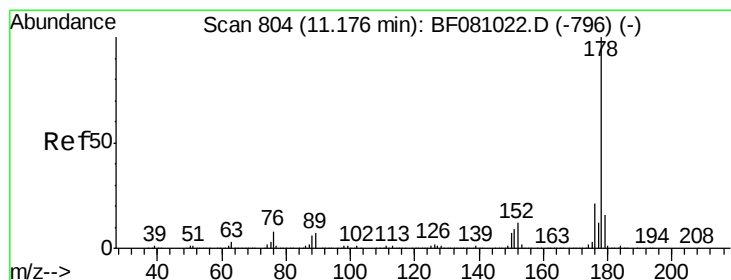
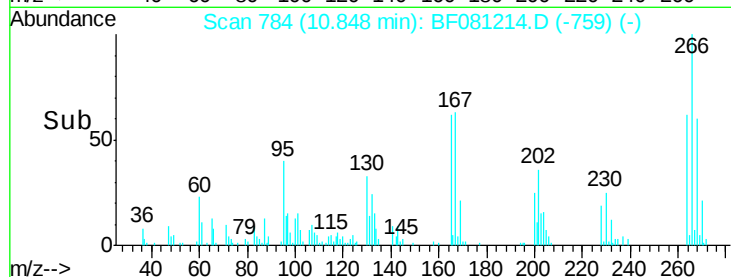
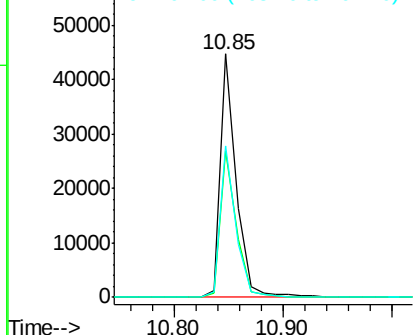
#69
 Pentachlorophenol
 Concen: 34.08 ng
 RT: 10.85 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 45694
 Ion Ratio Lower Upper
 266 100
 268 60.3 51.2 76.8
 264 62.1 50.6 75.8

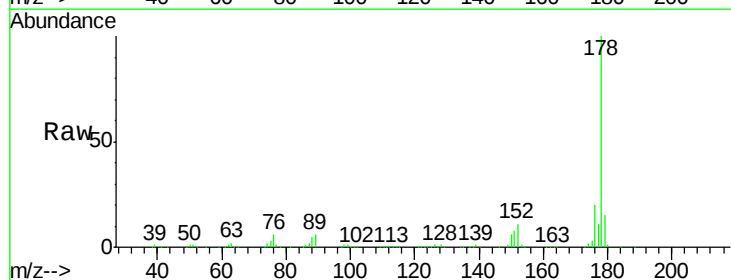


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

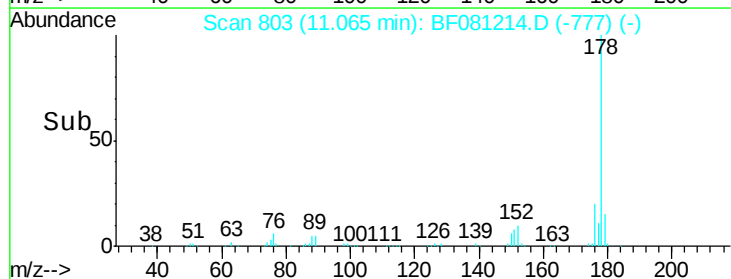
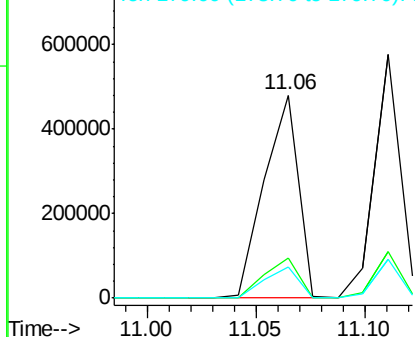


#70
 Phenanthrene
 Concen: 39.79 ng
 RT: 11.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Tgt Ion:178 Resp: 529624
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.7 23.5
 179 15.1 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: 37.14 ng

RT: 11.11 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

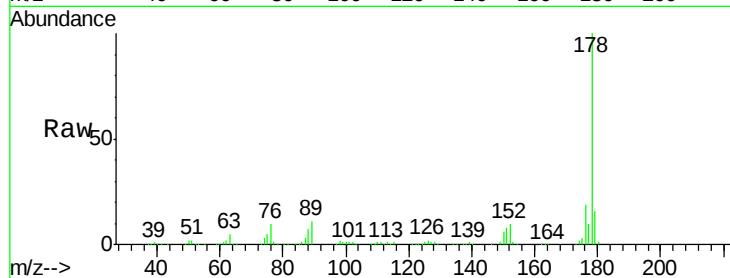
Tot Ion:178 Resp: 481034

Ion Ratio Lower Upper

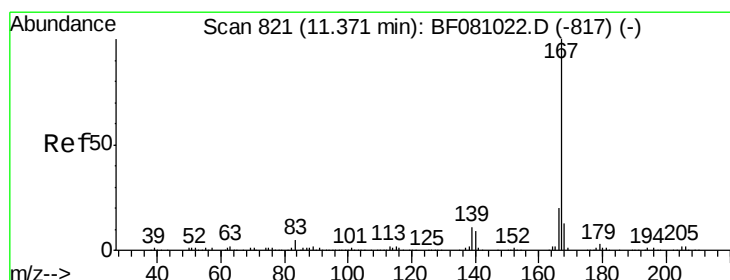
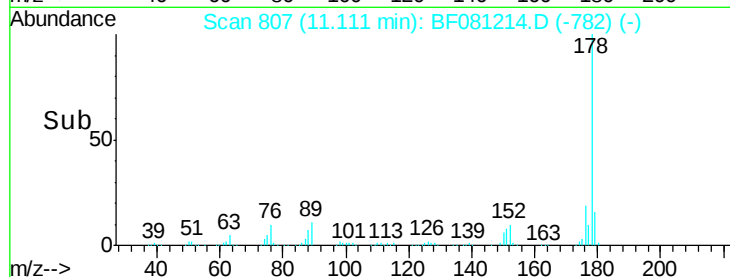
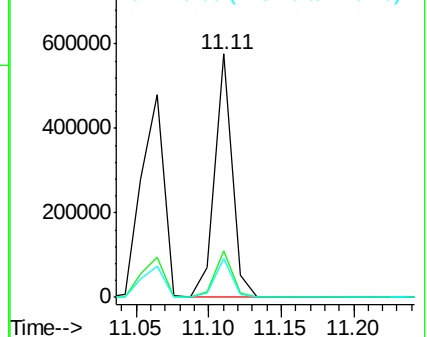
178 100

176 18.9 15.7 23.5

179 16.0 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: 36.60 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

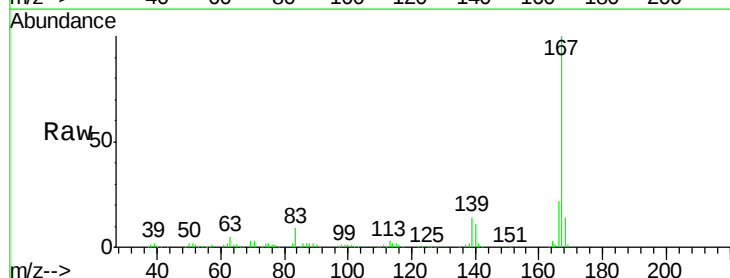
Tgt Ion:167 Resp: 456351

Ion Ratio Lower Upper

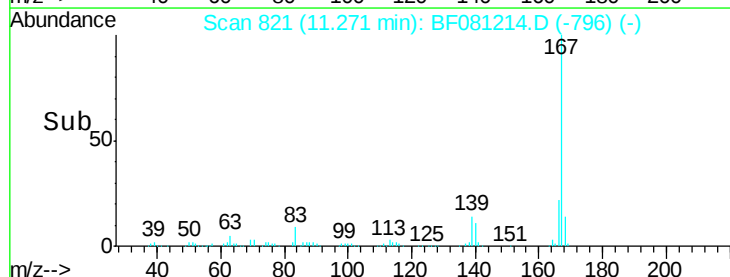
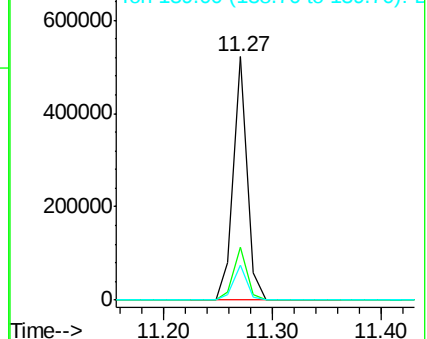
167 100

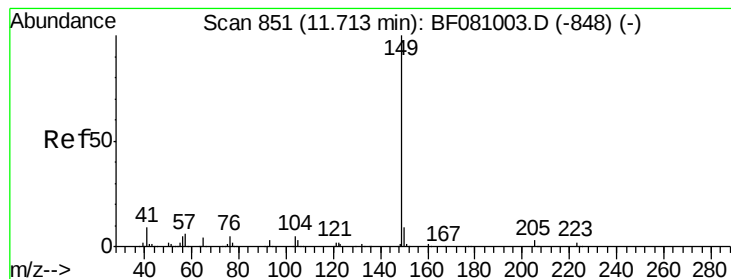
166 21.7 17.4 26.0

139 14.2 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: 43.15 ng

RT: 11.62 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

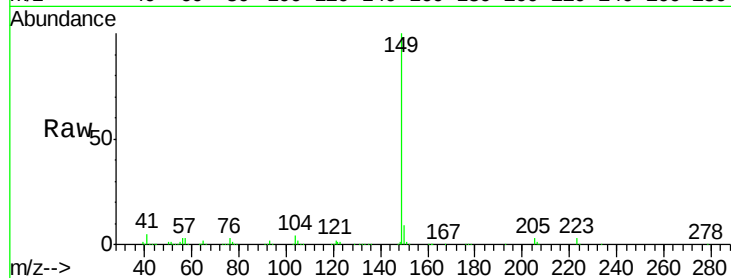
Tot Ion:149 Resp: 651104

Ion Ratio Lower Upper

149 100

150 8.8 7.1 10.7

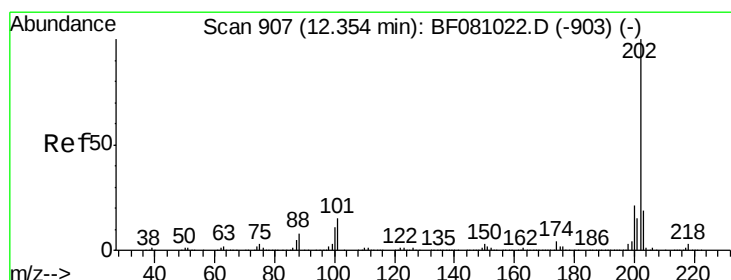
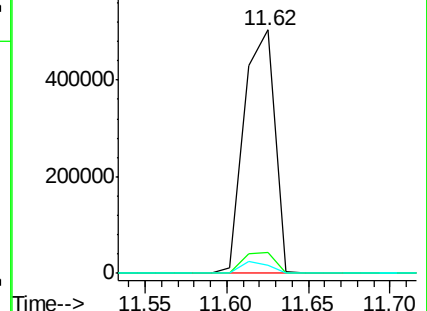
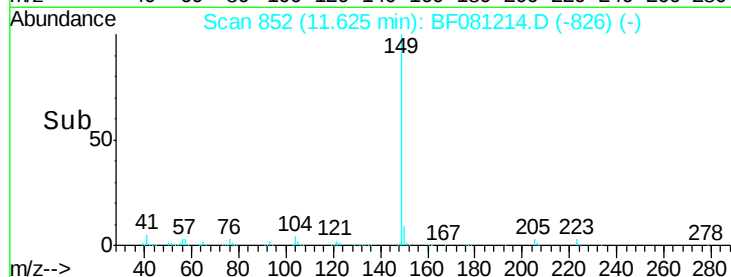
104 3.6 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.44 ng

RT: 12.23 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

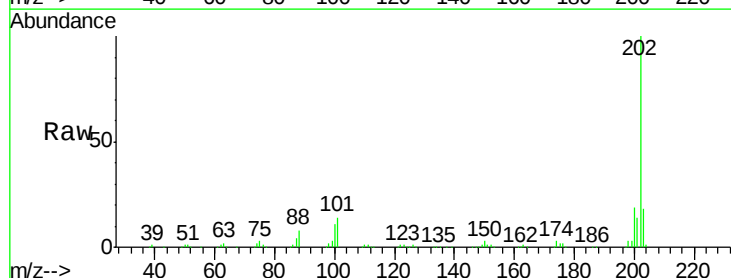
Tgt Ion:202 Resp: 465913

Ion Ratio Lower Upper

202 100

101 14.2 0.0 24.8

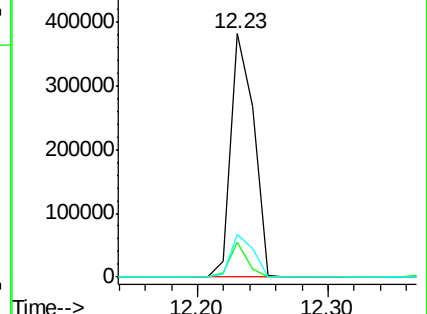
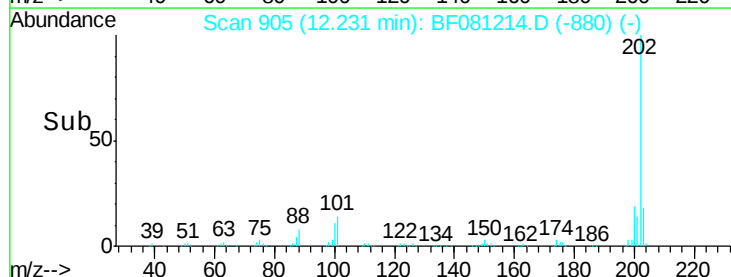
203 17.7 0.0 36.9

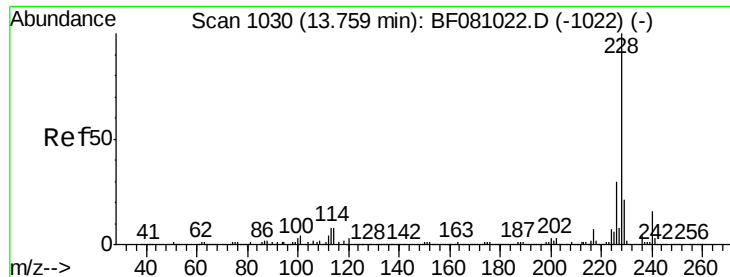


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

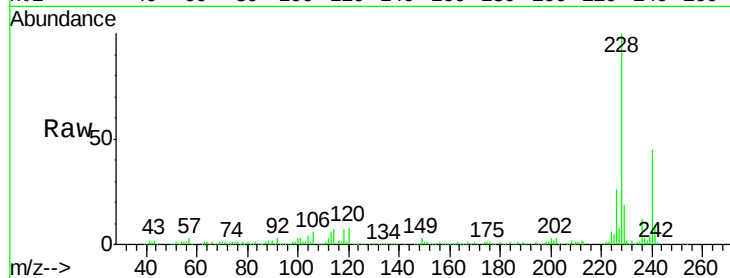
Tot Ion:240 Resp: 142581

Ion Ratio Lower Upper

240 100

120 18.3 5.6 8.4#

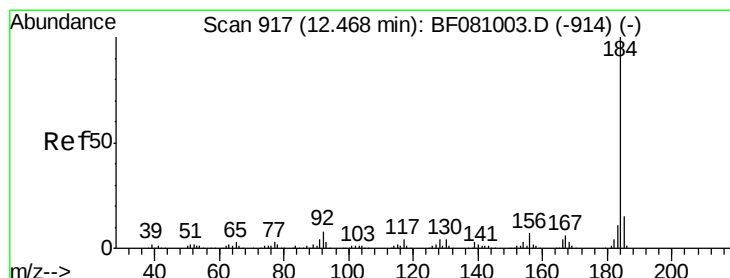
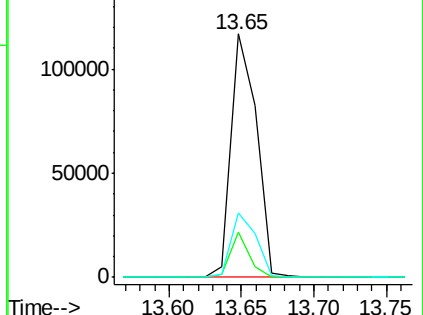
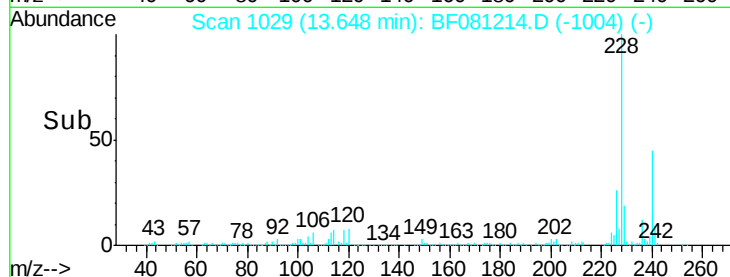
236 26.2 20.6 30.8



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: 48.53 ng

RT: 12.37 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

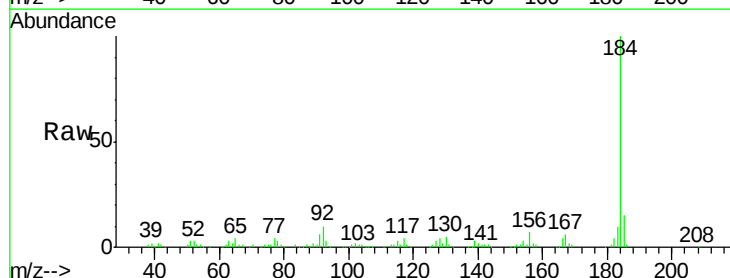
Tgt Ion:184 Resp: 261405

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

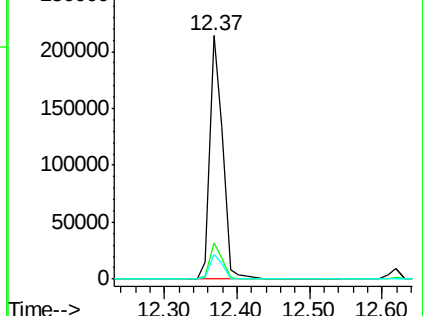
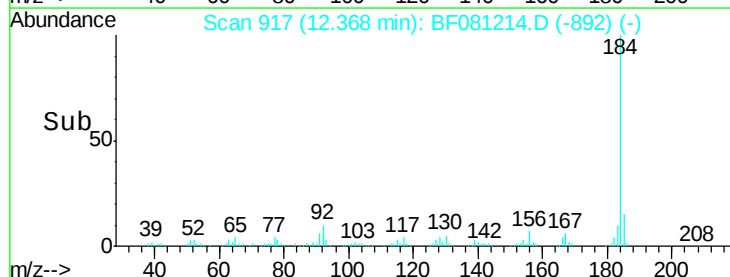
183 10.3 8.9 13.3

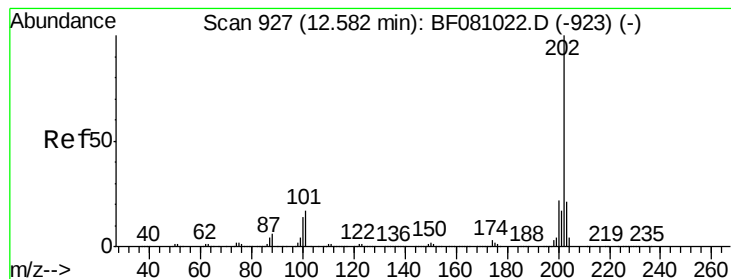


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.11 ng

RT: 12.46 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

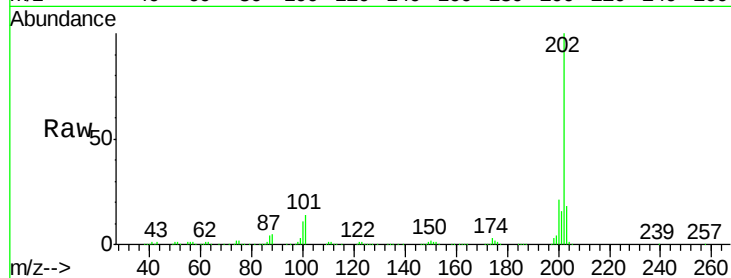
Tot Ion:202 Resp: 476488

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

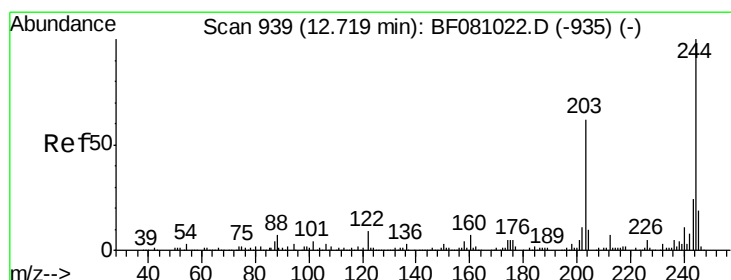
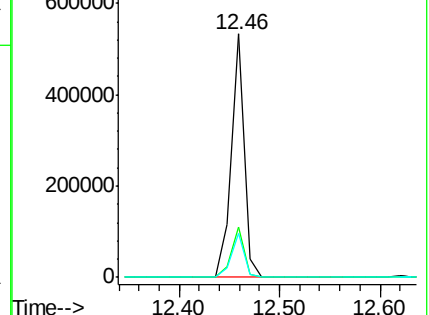
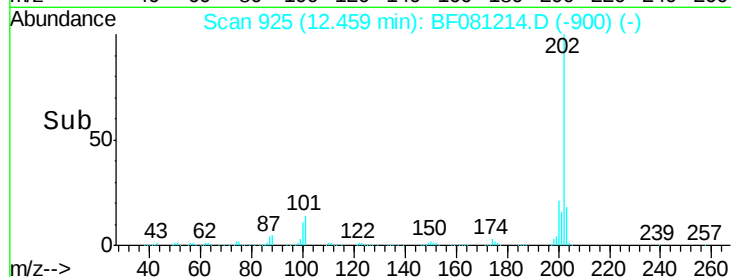
203 18.0 14.1 21.1



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: 89.62 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

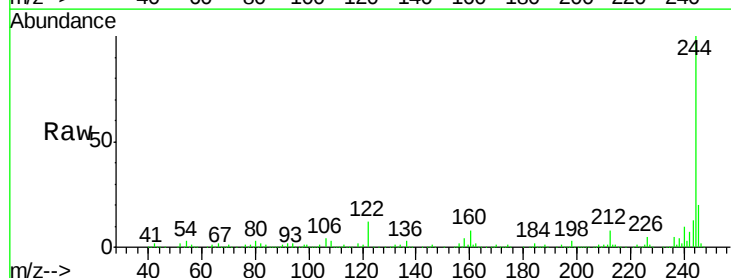
Tgt Ion:244 Resp: 596047

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

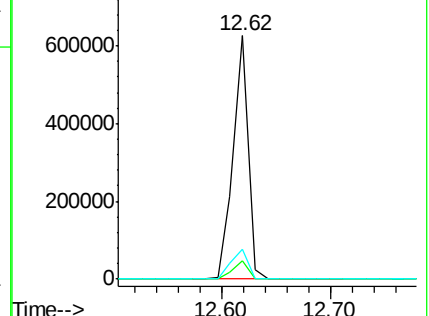
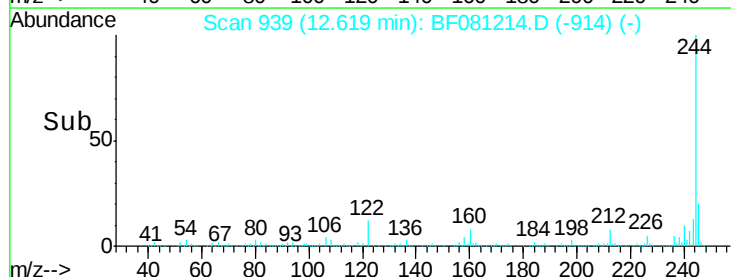
122 12.3 8.2 12.4



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

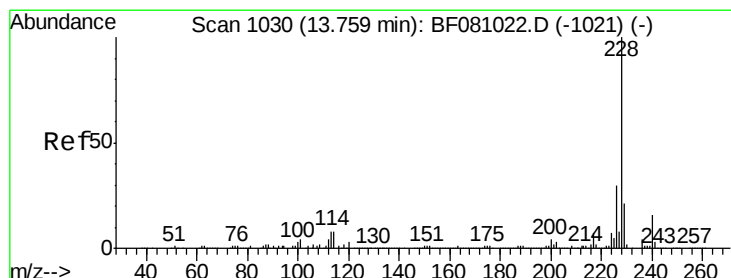
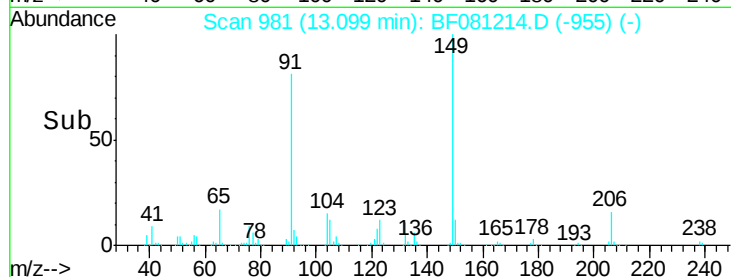
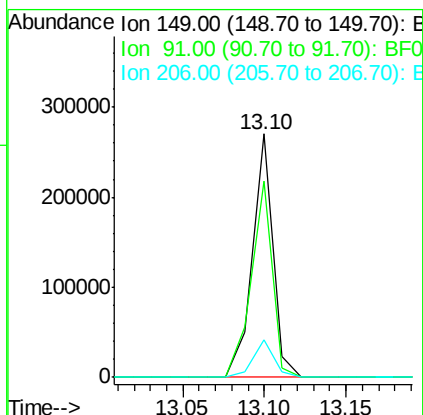
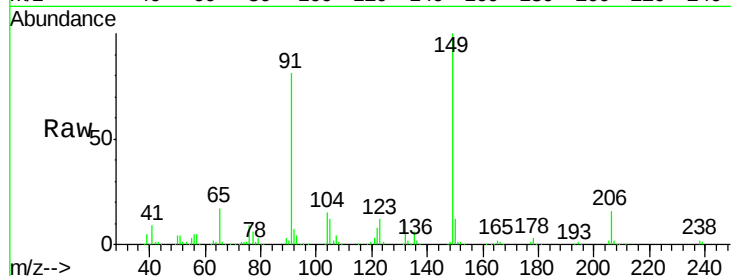




#79
Butylbenzylphthalate
Concen: 47.42 ng
RT: 13.10 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

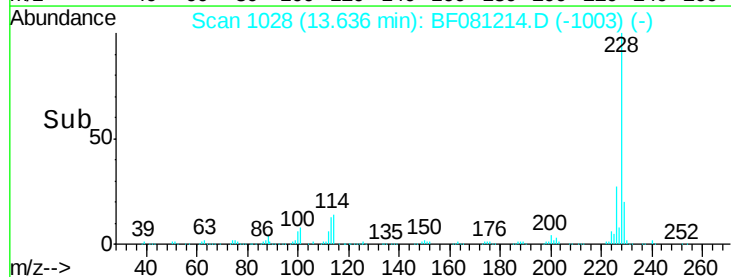
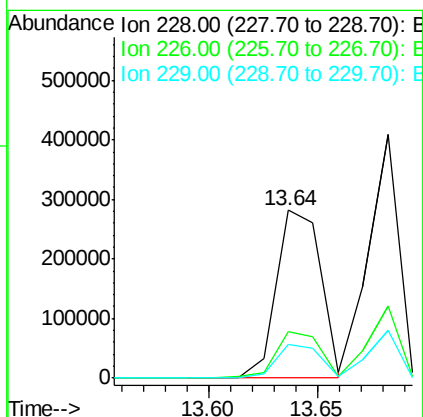
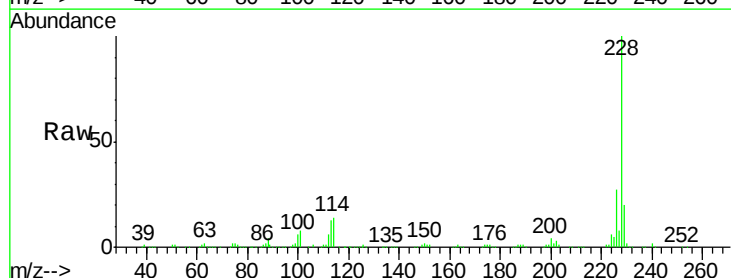
Instrument :
BNA_F
ClientSampleId :

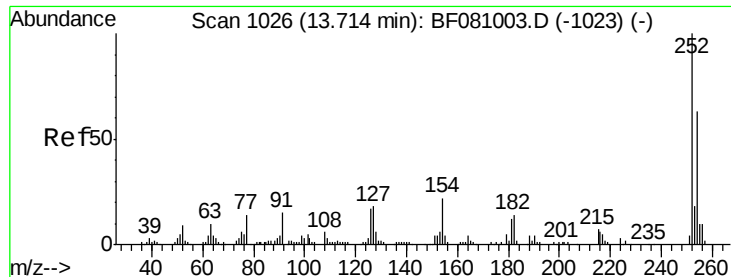
Tot Ion:149 Resp: 236237
Ion Ratio Lower Upper
149 100
91 80.5 46.9 70.3#
206 15.6 17.0 25.4#



#80
Benzo(a)anthracene
Concen: 41.85 ng
RT: 13.64 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

Tgt Ion:228 Resp: 400199
Ion Ratio Lower Upper
228 100
226 27.5 22.3 33.5
229 20.0 15.9 23.9

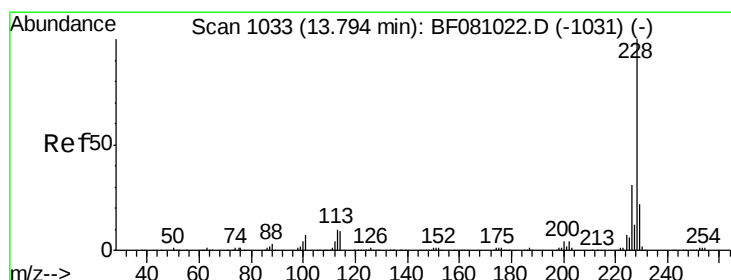
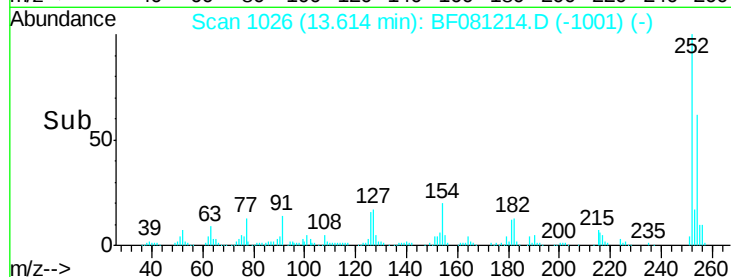
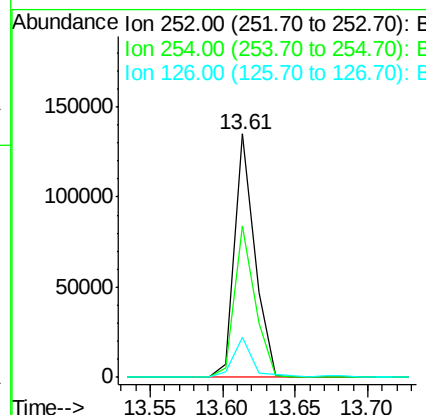
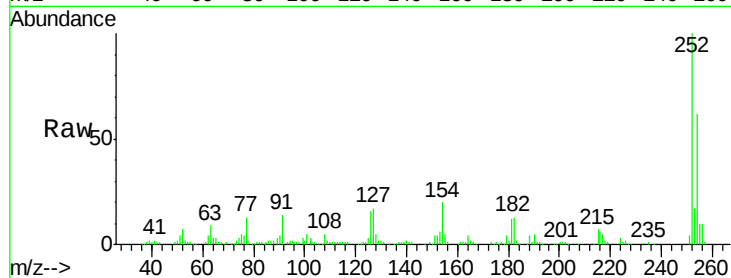




#81
 3,3'-Dichlorobenzidine
 Concen: 42.34 ng
 RT: 13.61 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

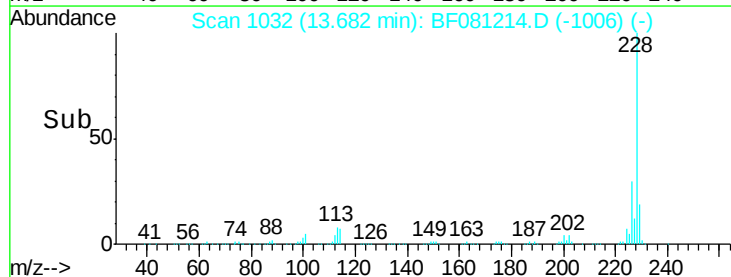
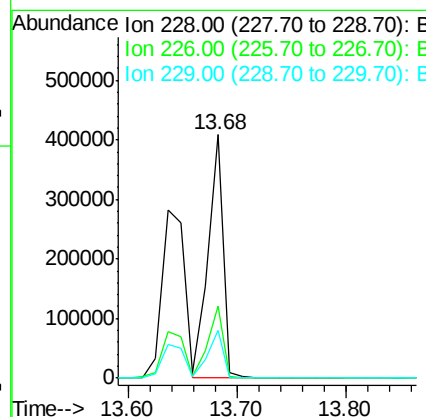
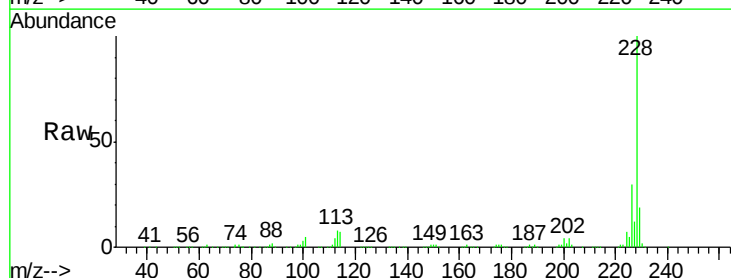
Instrument :
 BNA_F
 ClientSampleId :

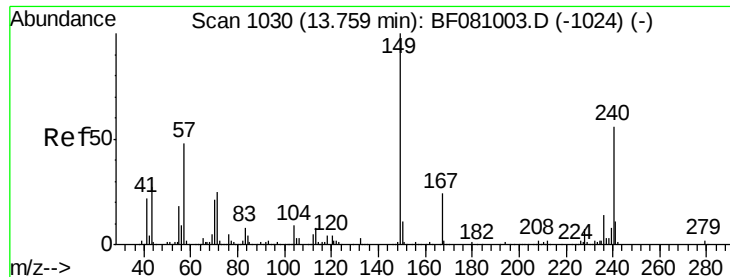
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.5	77.3
126	16.4	12.5	18.7



#82
 Chrysene
 Concen: 46.15 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	19.4	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.13 ng

RT: 13.66 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

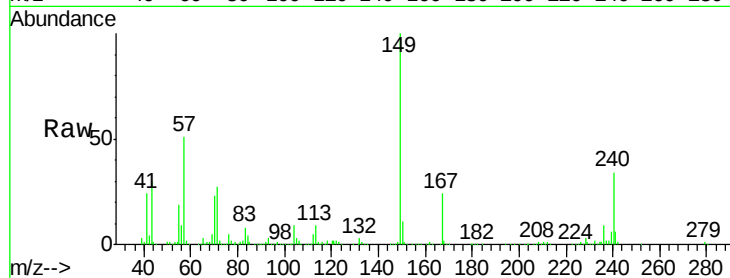
Tot Ion:149 Resp: 307139

Ion Ratio Lower Upper

149 100

167 24.1 20.7 31.1

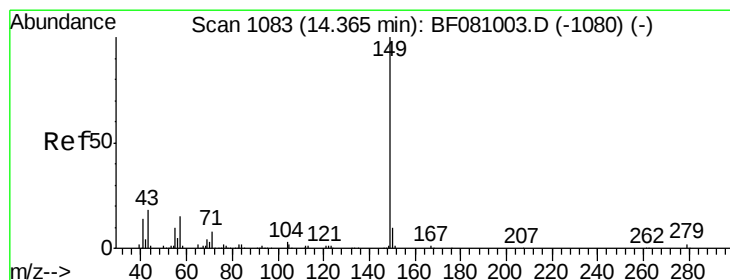
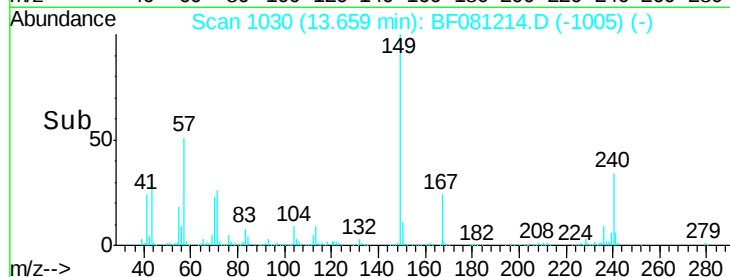
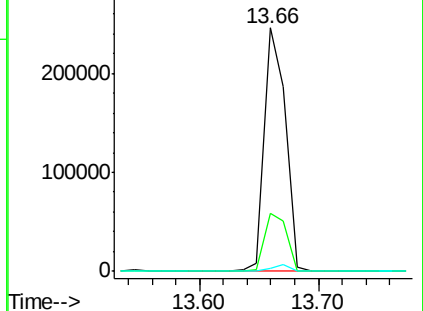
279 1.4 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 56.27 ng

RT: 14.28 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

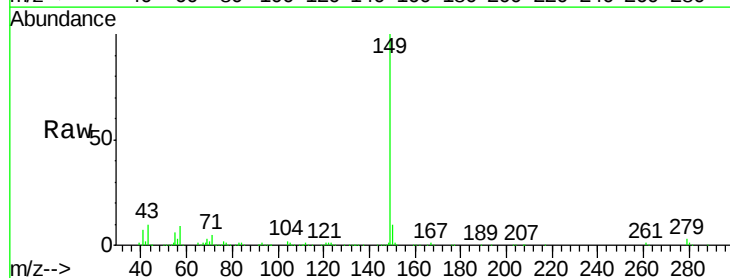
Tgt Ion:149 Resp: 545822

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

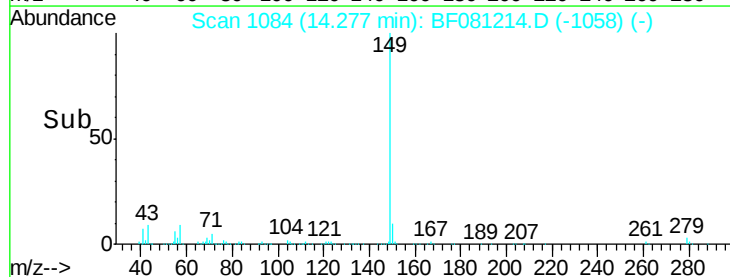
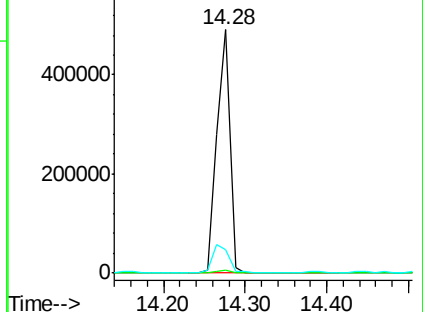
43 13.9 11.6 17.4

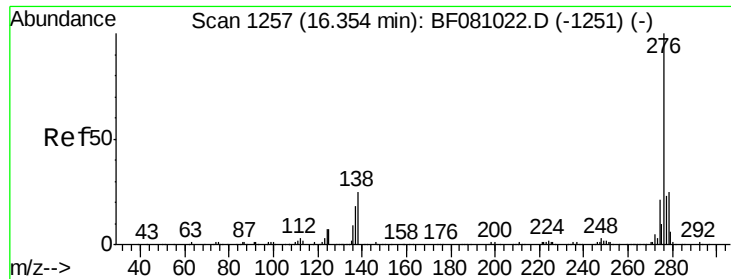


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

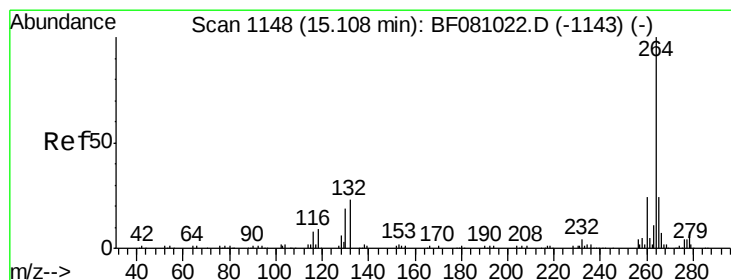
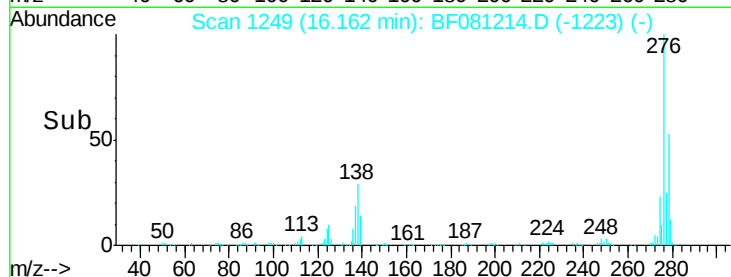
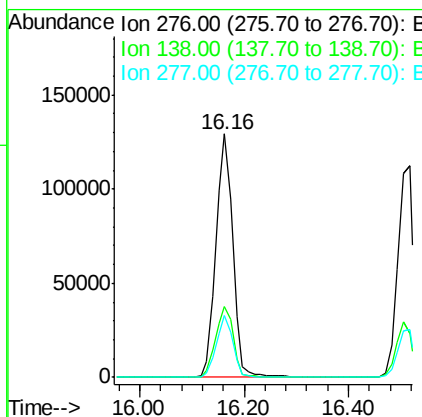
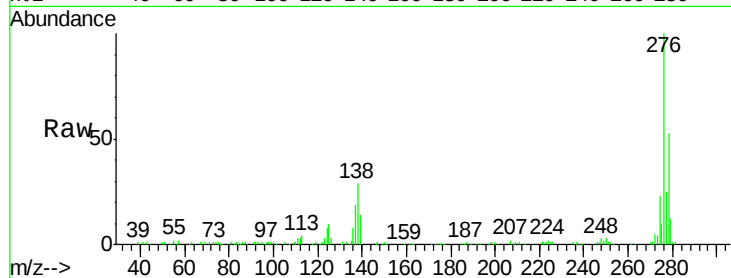




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.35 ng
 RT: 16.16 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

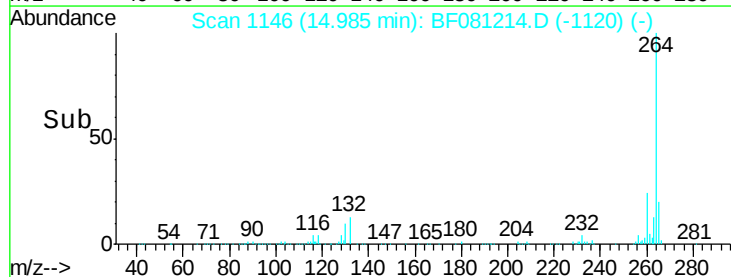
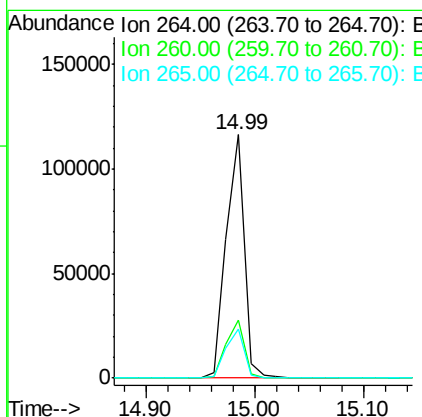
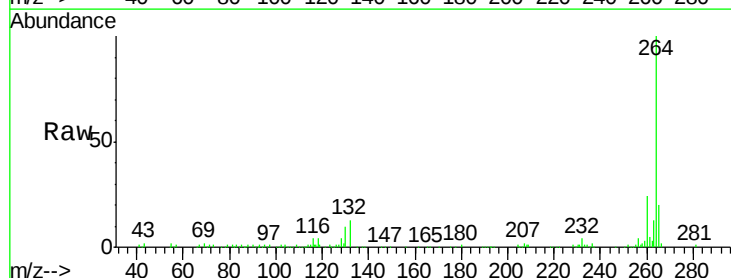
Instrument :
 BNA_F
 ClientSampleId :

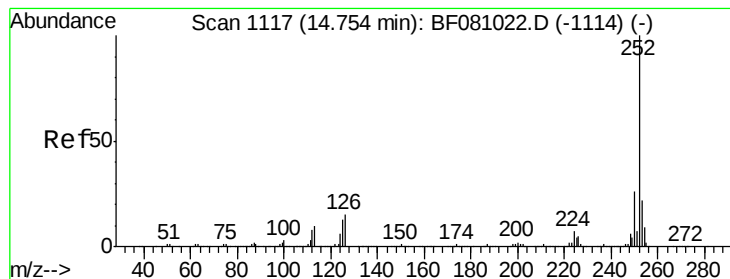
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	18.6	28.0#
277	24.8	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.99 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF081214.D
 Acq: 25 Aug 2015 23:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	20.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 73.84 ng

RT: 14.67 min Scan# 1118

Delta R.T. 0.02 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

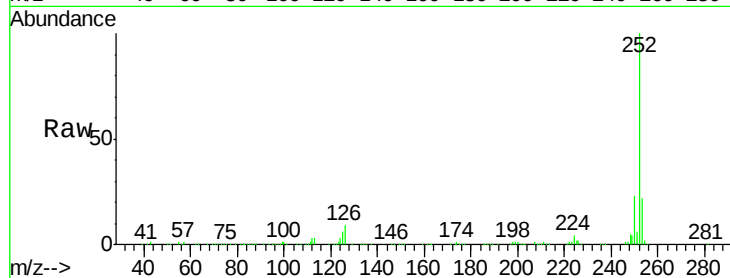
Tot Ion:252 Resp: 701753

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

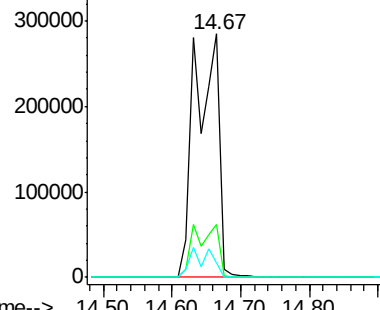
125 5.9 8.0 12.0#



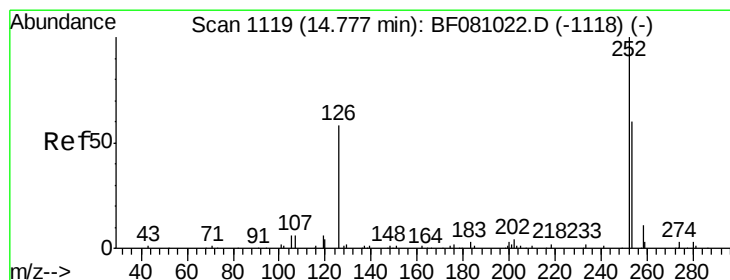
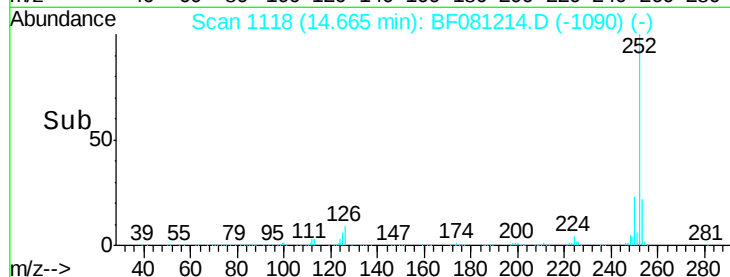
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 14.50 14.60 14.70 14.80



#88

Benzo(k)fluoranthene

Concen: 79.25 ng

RT: 14.67 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

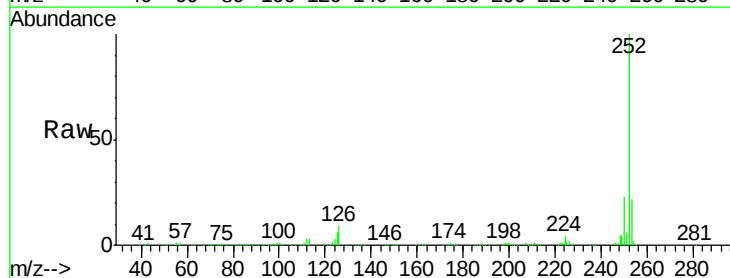
Tgt Ion:252 Resp: 701753

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

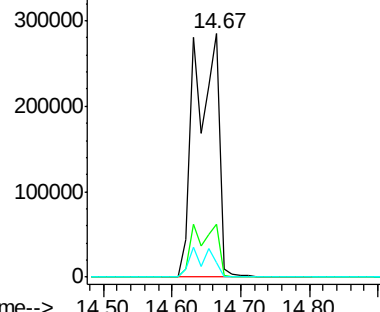
125 5.9 10.3 15.5#



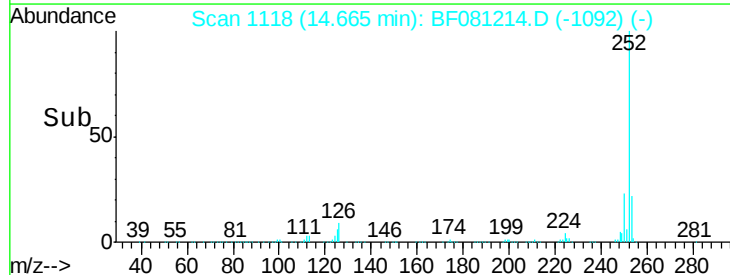
Abundance Ion 252.00 (251.70 to 252.70): E

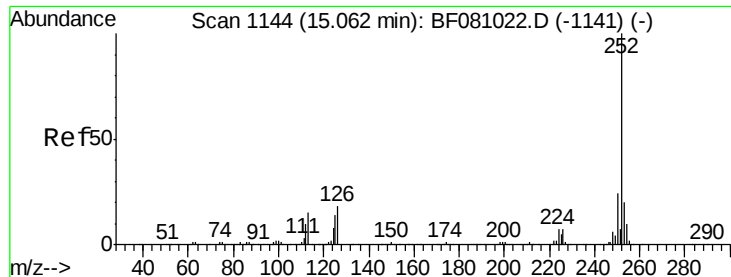
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 14.50 14.60 14.70 14.80

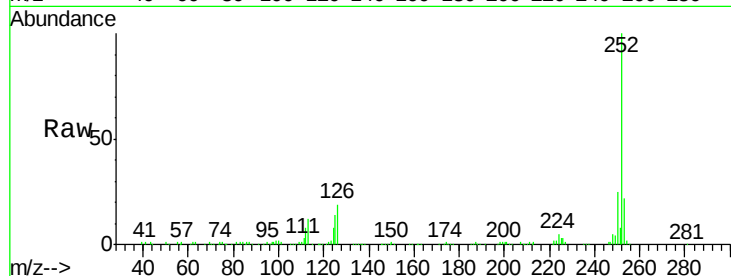




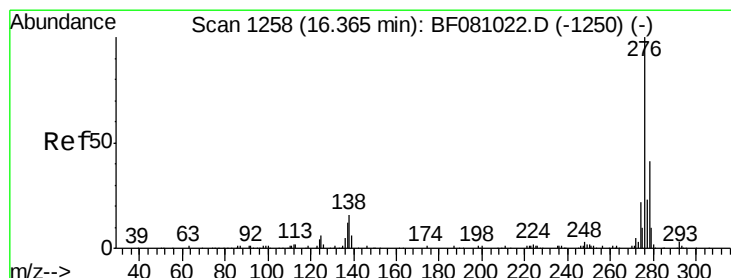
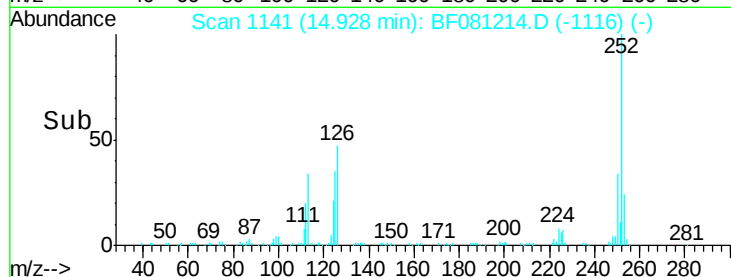
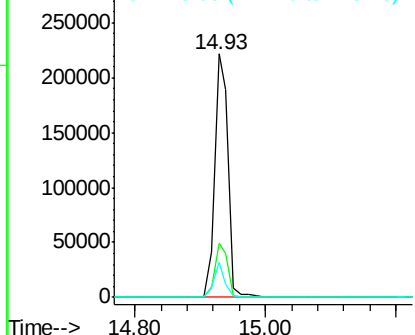
#89
Benzo(a)pyrene
Concen: 39.10 ng
RT: 14.93 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 323769
Ion Ratio Lower Upper
252 100
253 22.3 16.6 25.0
125 14.4 7.8 11.8#

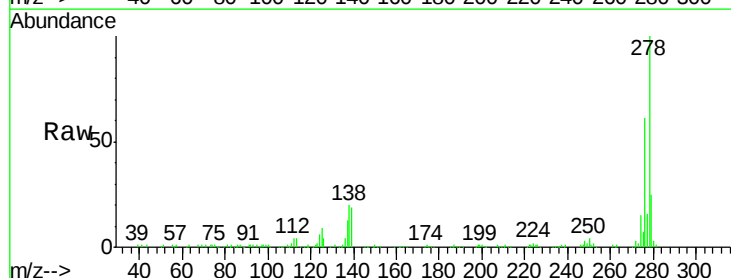


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

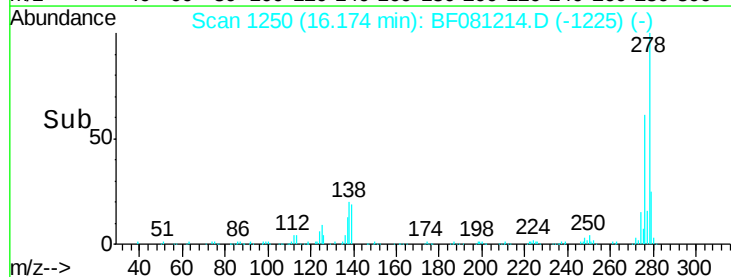
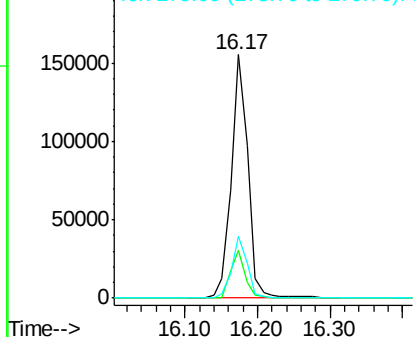


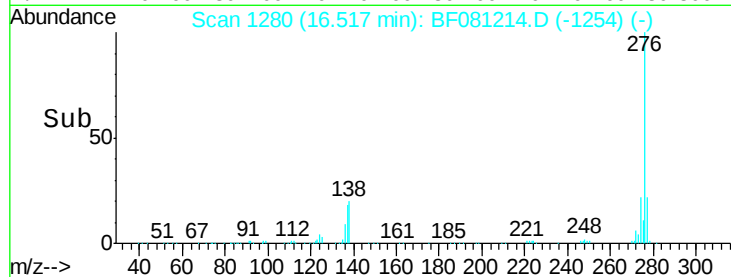
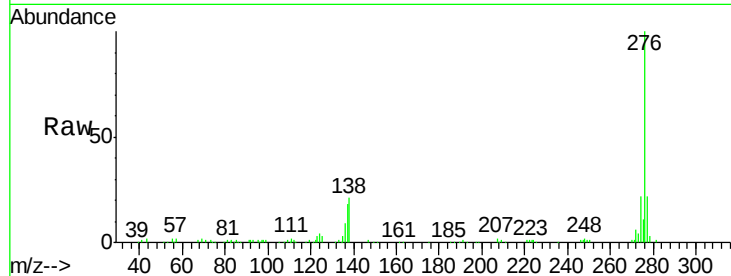
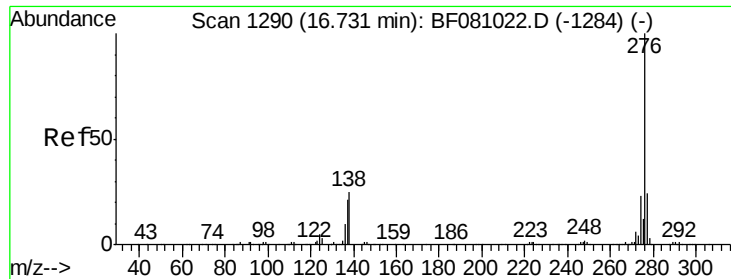
#90
Dibenzo(a,h)anthracene
Concen: 38.38 ng
RT: 16.17 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF081214.D
Acq: 25 Aug 2015 23:12

Tgt Ion:278 Resp: 247634
Ion Ratio Lower Upper
278 100
139 19.5 10.8 16.2#
279 25.2 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: 35.56 ng

RT: 16.52 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF081214.D

Acq: 25 Aug 2015 23:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 232745

Ion Ratio Lower Upper

276 100

277 22.3 18.2 27.2

138 20.8 13.7 20.5#

