

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081225.D
 Acq On : 26 Aug 2015 21:48
 Operator : UM/IZ
 Sample : PB85099BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 00:44:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	53816	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	216370	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	93800	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	191886	20.00	ng	-0.02
75) Chrysene-d12	13.64	240	143427	20.00	ng	-0.02
86) Perylene-d12	14.95	264	117237	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.09	112	401198	112.13	ng	-0.01
7) Phenol-d6	6.17	99	564326	120.88	ng	-0.02
23) Nitrobenzene-d5	7.09	82	369253	77.96	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	85430	105.07	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	568293	79.38	ng	-0.02
78) Terphenyl-d14	12.60	244	454894	67.99	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.98	88	53762	31.89	ng	94
3) Pyridine	2.57	79	152318	32.01	ng	# 79
4) n-Nitrosodimethylamine	2.53	42	89817	33.90	ng	# 76
6) Aniline	6.18	93	173985	25.63	ng	# 17
8) 2-Chlorophenol	6.30	128	143314	36.59	ng	96
9) Benzaldehyde	6.06	77	30195	10.03	ng	85
10) Phenol	6.18	94	174698	31.69	ng	83
11) bis(2-Chloroethyl)ether	6.26	93	150989	35.69	ng	91
12) 1,3-Dichlorobenzene	6.46	146	153679	36.52	ng	98
13) 1,4-Dichlorobenzene	6.54	146	154703	37.13	ng	98
14) 1,2-Dichlorobenzene	6.69	146	143350	36.76	ng	97
15) Benzyl Alcohol	6.67	79	131675	34.86	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.81	45	295746	35.58	ng	96
17) 2-Methylphenol	6.80	107	129963	38.68	ng	96
18) Hexachloroethane	7.03	117	63111	37.49	ng	95
19) n-Nitroso-di-n-propylamine	6.95	70	115234	35.63	ng	93
20) 3+4-Methylphenols	6.96	107	168675	39.55	ng	# 42
22) Acetophenone	6.94	105	220856	38.88	ng	# 88
24) Nitrobenzene	7.11	77	173880	35.11	ng	96
25) Isophorone	7.36	82	318881	36.10	ng	# 93
26) 2-Nitrophenol	7.43	139	84377	40.97	ng	# 70
27) 2,4-Dimethylphenol	7.49	122	143400	39.36	ng	90
28) bis(2-Chloroethoxy)methane	7.58	93	209320	40.11	ng	99
29) 2,4-Dichlorophenol	7.67	162	116006	37.82	ng	89
30) 1,2,4-Trichlorobenzene	7.75	180	121408	35.61	ng	99
31) Naphthalene	7.83	128	459961	38.14	ng	99
32) Benzoic acid	7.62	122	79054	38.57	ng	92
33) 4-Chloroaniline	7.89	127	91877	18.05	ng	# 87
34) Hexachlorobutadiene	7.95	225	74313	38.54	ng	96
35) Caprolactam	8.26	113	24646	22.99	ng	# 80
36) 4-Chloro-3-methylphenol	8.38	107	142337	38.93	ng	97
37) 2-Methylnaphthalene	8.51	142	269429	35.36	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	122431	40.45	ng	98
40) Hexachlorocyclopentadiene	8.67	237	131157	83.73	ng	97

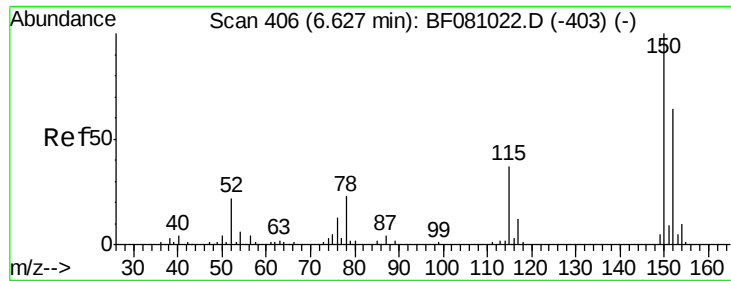
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	83368	38.99	nq	99
43) 2,4,5-Trichlorophenol	8.85	196	85407	39.97	nq	95
45) 1,1'-Biphenyl	8.98	154	359286	43.49	nq	98
46) 2-Chloronaphthalene	8.99	162	246119	37.08	nq	# 90
47) 2-Nitroaniline	9.11	65	109313	40.24	nq	# 64
48) Acenaphthylene	9.41	152	387190	32.61	nq	98
49) Dimethylphthalate	9.29	163	270157	34.97	nq	100
50) 2,6-Dinitrotoluene	9.35	165	58066	35.01	nq	# 67
51) Acenaphthene	9.58	154	230953	32.49	nq	99
52) 3-Nitroaniline	9.51	138	46619	22.46	nq	98
53) 2,4-Dinitrophenol	9.62	184	60519	67.82	nq	81
54) Dibenzofuran	9.75	168	332391	34.90	nq	92
55) 4-Nitrophenol	9.69	139	93552	64.18	nq	# 84
56) 2,4-Dinitrotoluene	9.75	165	74808	34.03	nq	# 59
57) Fluorene	10.09	166	273040	37.26	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.83	232	63160	38.19	nq	99
59) Diethylphthalate	9.99	149	300839	36.79	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	128717	41.51	nq	95
61) 4-Nitroaniline	10.13	138	74230	34.99	nq	92
62) Azobenzene	10.25	77	393518	41.77	nq	93
64) 4,6-Dinitro-2-methylphenol	10.16	198	42115	36.75	nq	# 41
65) n-Nitrosodiphenylamine	10.22	169	273728	39.96	nq	98
66) 4-Bromophenyl-phenylether	10.57	248	66287	35.16	nq	# 67
67) Hexachlorobenzene	10.63	284	69975	36.65	nq	# 74
68) Atrazine	10.74	200	69178	36.25	nq	98
69) Pentachlorophenol	10.83	266	84998	74.21	nq	99
70) Phenanthrene	11.04	178	416133	36.59	nq	100
71) Anthracene	11.09	178	399577	36.11	nq	99
72) Carbazole	11.25	167	385025	36.14	nq	98
73) Di-n-butylphthalate	11.60	149	512423	39.75	nq	99
74) Fluoranthene	12.22	202	464249	37.83	nq	97
76) Benzidine	12.34	184	205604	37.95	nq	99
77) Pyrene	12.44	202	424113	36.37	nq	99
79) Butylbenzylphthalate	13.08	149	194911	38.89	nq	# 68
80) Benzo(a)anthracene	13.61	228	381929	39.71	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	77903	25.00	nq	99
82) Chrysene	13.66	228	371687	42.88	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	265719	41.39	nq	100
84) Di-n-octyl phthalate	14.25	149	459301	47.07	nq	97
85) Indeno(1,2,3-cd)pyrene	16.12	276	276776	45.48	nq	# 94
87) Benzo(b)fluoranthene	14.61	252	616251	74.31	nq	# 96
88) Benzo(k)fluoranthene	14.61	252	616251	79.75	nq	99
89) Benzo(a)pyrene	14.90	252	286053	39.59	nq	# 94
90) Dibenzo(a,h)anthracene	16.13	278	230975	41.02	nq	# 92
91) Benzo(g,h,i)perylene	16.47	276	227592	39.84	nq	95

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

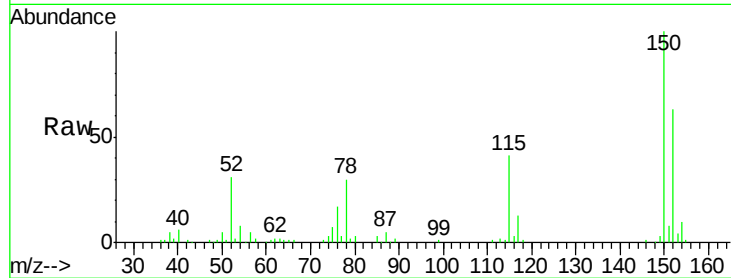


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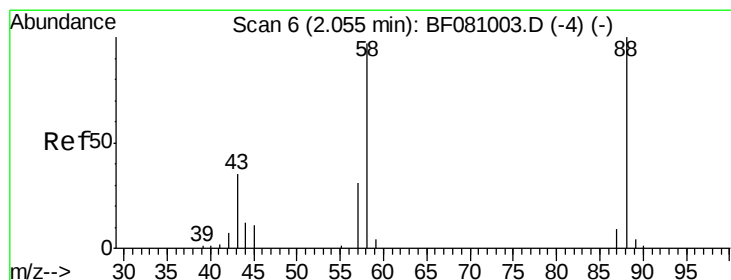
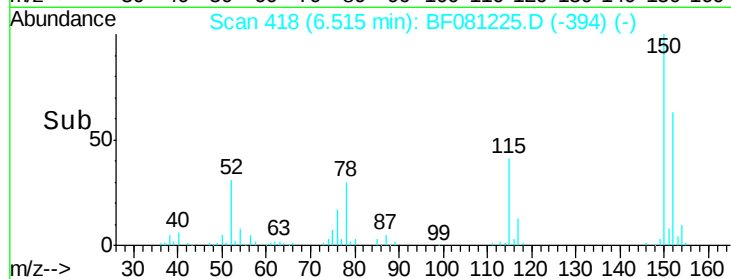
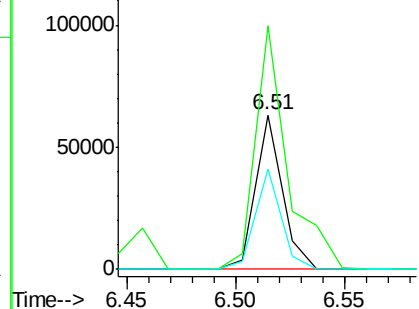
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 53816
Ion Ratio Lower Upper
152 100
150 158.0 123.8 185.6
115 65.2 52.1 78.1



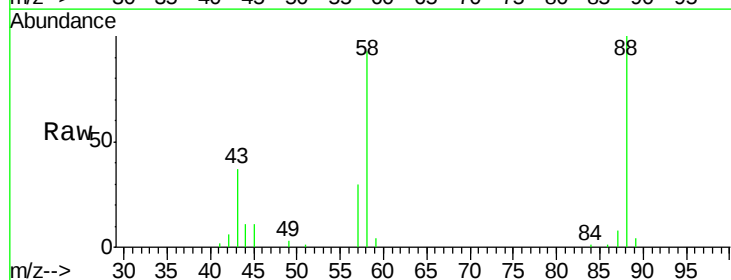
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



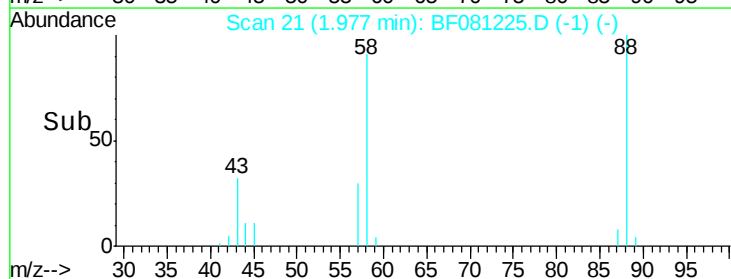
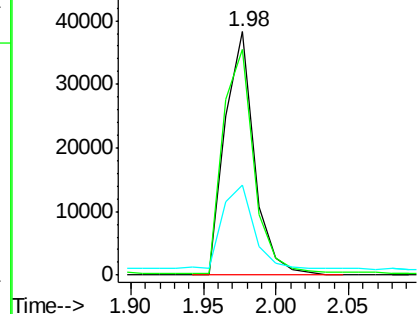
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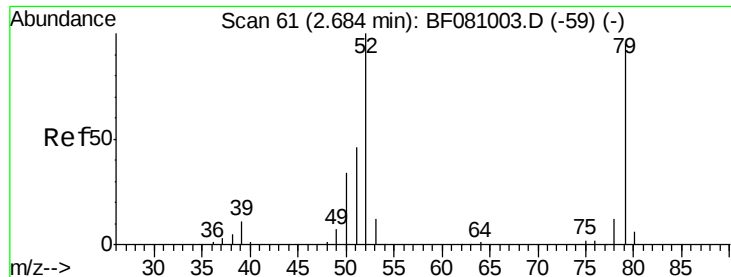
1,4-Dioxane
Concen: 31.89 ng
RT: 1.98 min Scan# 21
Delta R.T. 0.04 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Tgt Ion: 88 Resp: 53762
Ion Ratio Lower Upper
88 100
58 102.2 83.7 125.5
43 37.8 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

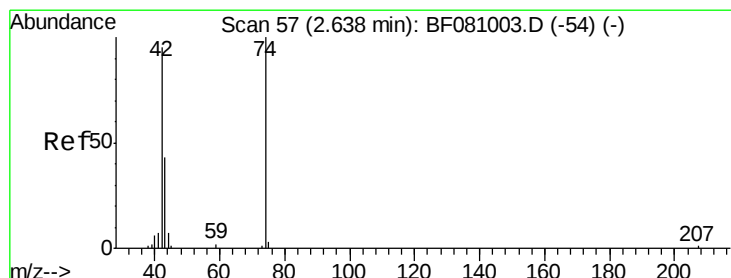
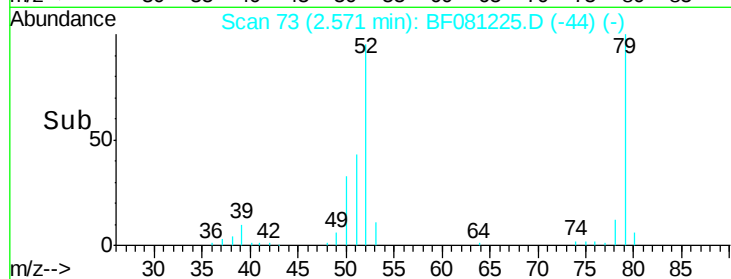
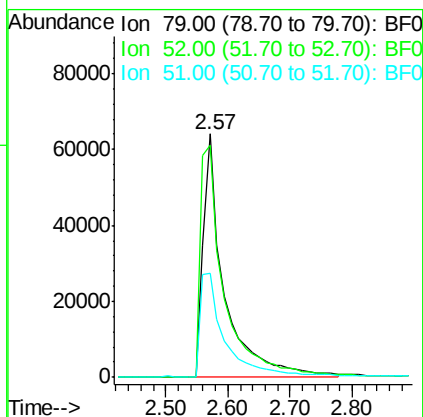
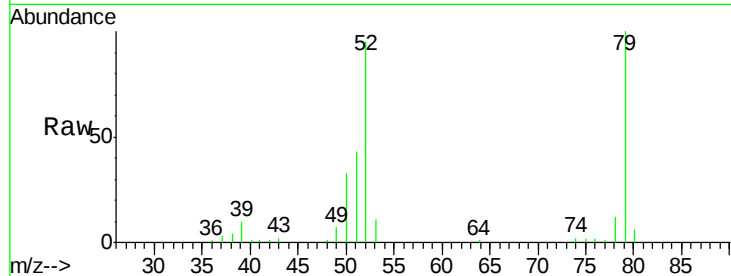




#3
 Pvridine
 Concen: 32.01 ng
 RT: 2.57 min Scan# 73
 Delta R.T. 0.03 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

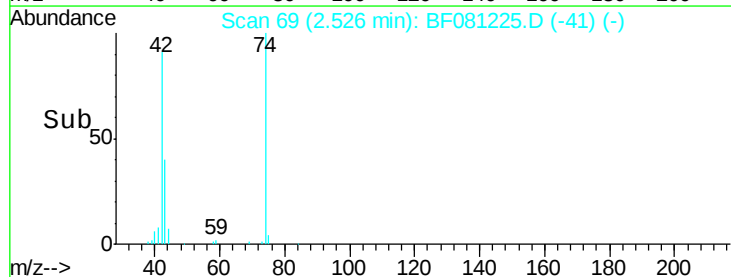
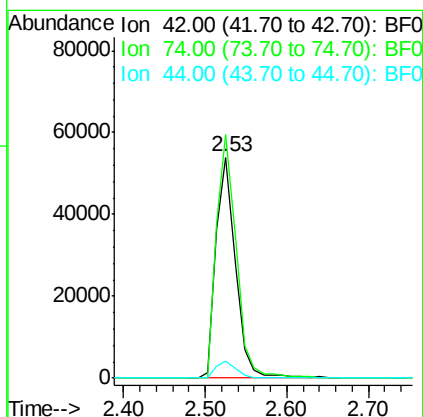
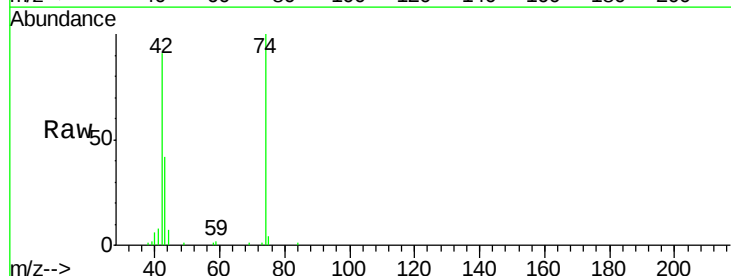
Instrument :
 BNA_F
 ClientSampleId :

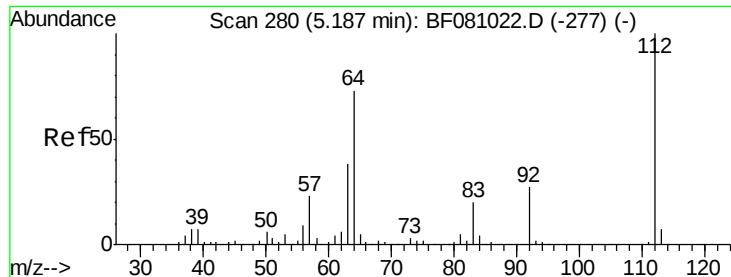
Tot Ion: 79 Resp: 152318
 Ion Ratio Lower Upper
 79 100
 52 95.4 95.1 142.7
 51 42.6 46.6 70.0#



#4
 n-Nitrosodimethylamine
 Concen: 33.90 ng
 RT: 2.53 min Scan# 69
 Delta R.T. 0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Tgt Ion: 42 Resp: 89817
 Ion Ratio Lower Upper
 42 100
 74 110.1 69.3 103.9#
 44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 112.13 ng

RT: 5.09 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF081225.D

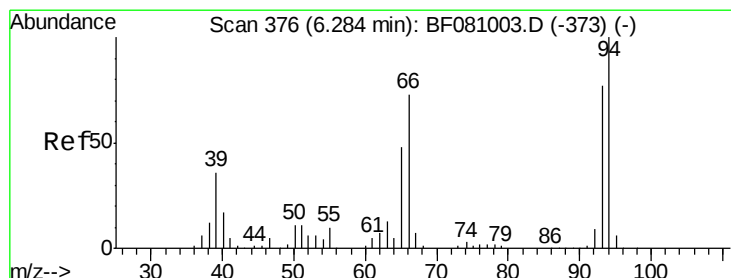
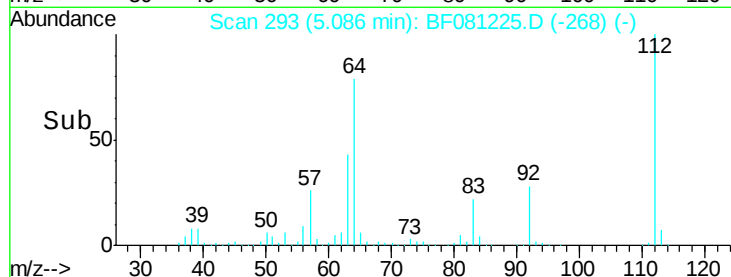
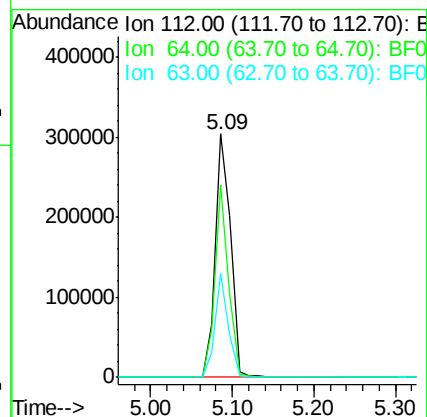
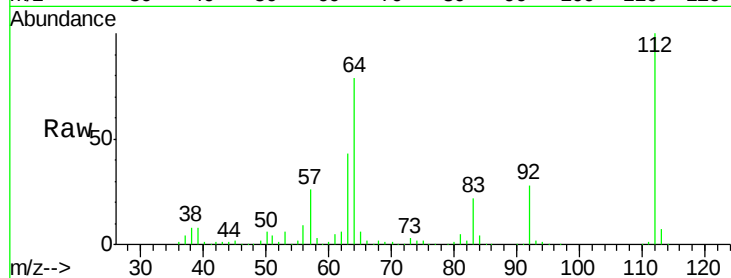
Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	401198
Ion	Ratio	Lower	Upper
112	100		
64	79.1	66.9	100.3
63	42.5	38.1	57.1



#6

Aniline

Concen: 25.63 ng

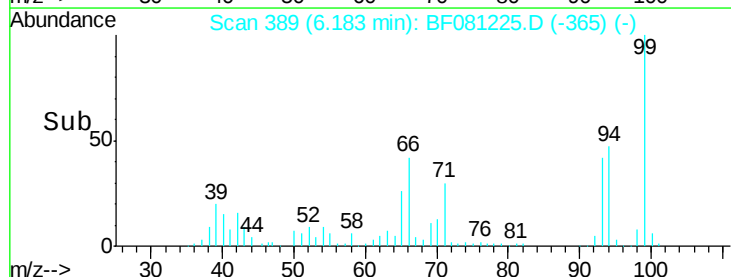
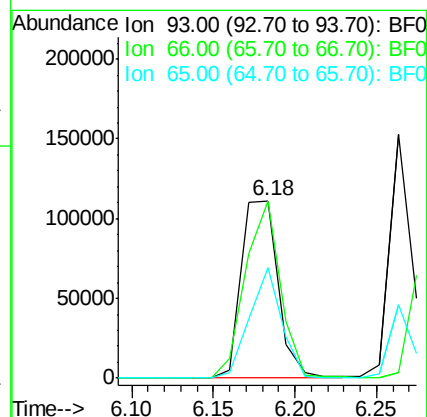
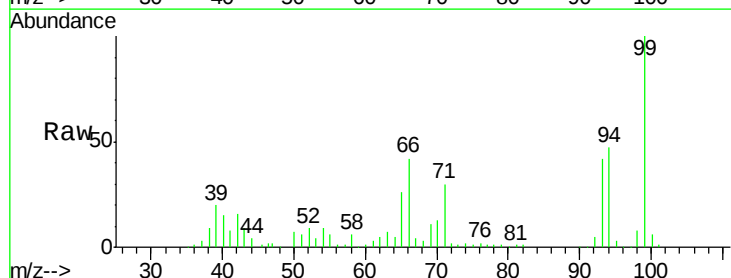
RT: 6.18 min Scan# 389

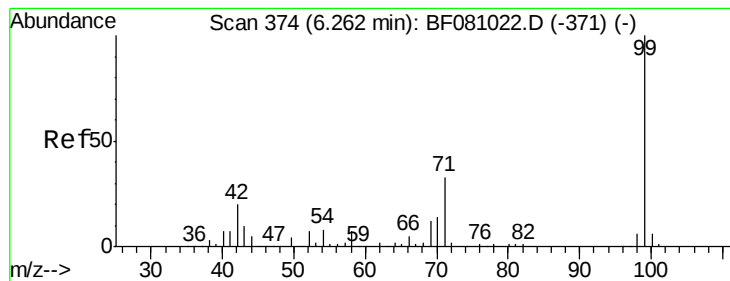
Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Tgt Ion:	93	Resp:	173985
Ion	Ratio	Lower	Upper
93	100		
66	99.6	35.6	53.4#
65	62.1	18.7	28.1#





#7

Phenol-d6

Concen: 120.88 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

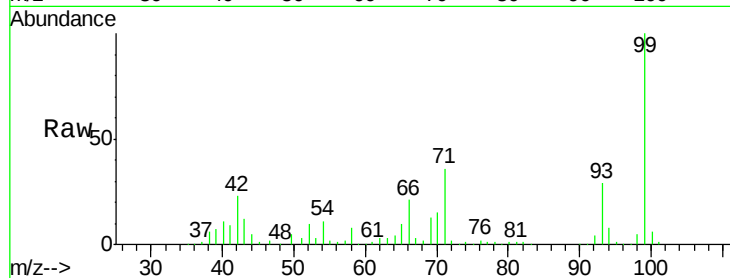
Tot Ion: 99 Resp: 564326

Ion Ratio Lower Upper

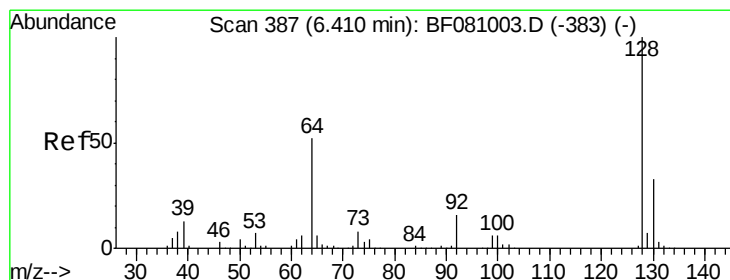
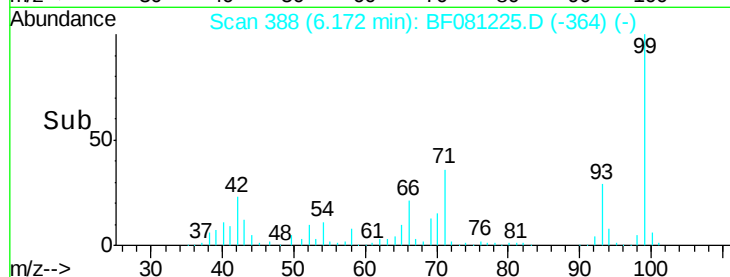
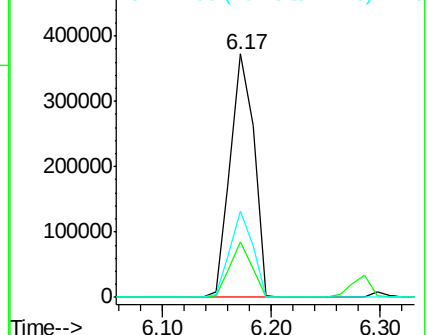
99 100

42 23.0 19.6 29.4

71 35.5 31.2 46.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.59 ng

RT: 6.30 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

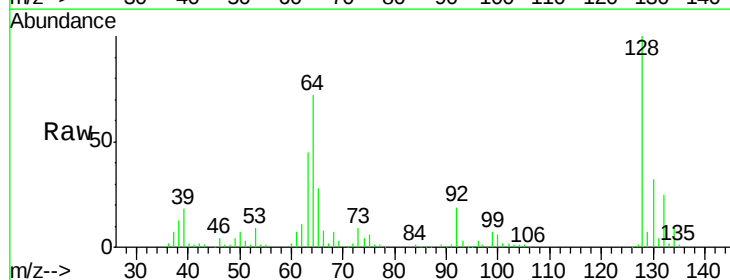
Tgt Ion: 128 Resp: 143314

Ion Ratio Lower Upper

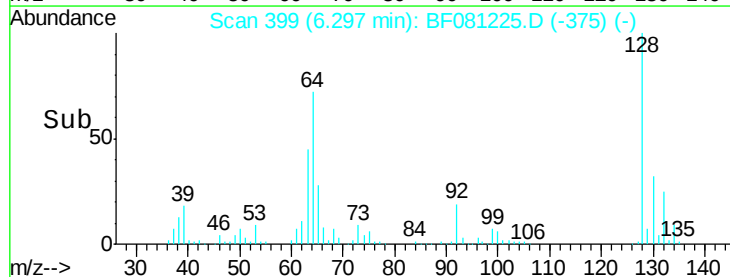
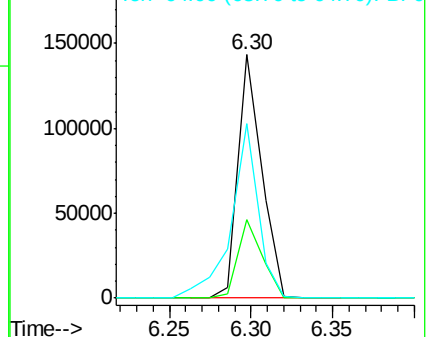
128 100

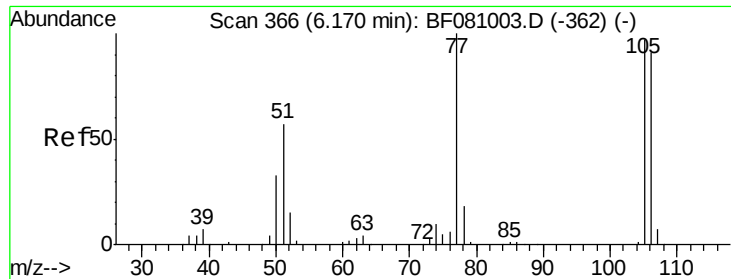
130 32.1 12.5 52.5

64 71.7 46.8 86.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.03 ng

RT: 6.06 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampled :

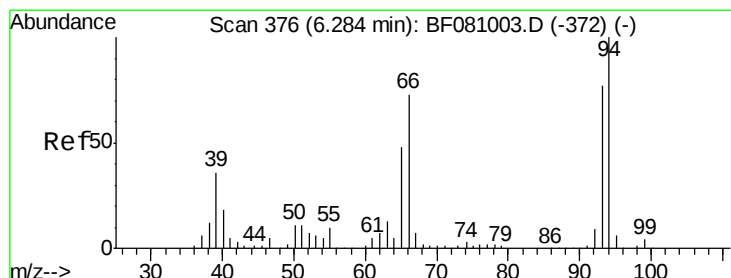
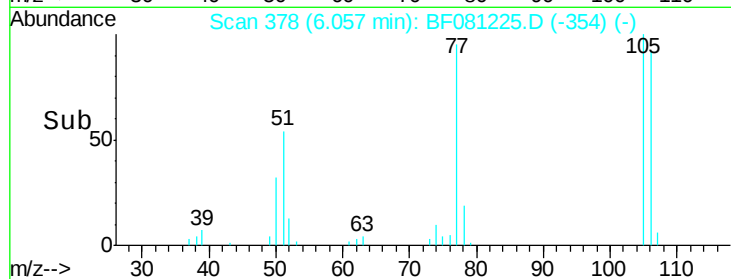
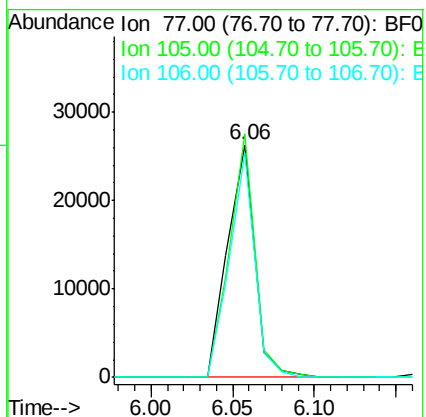
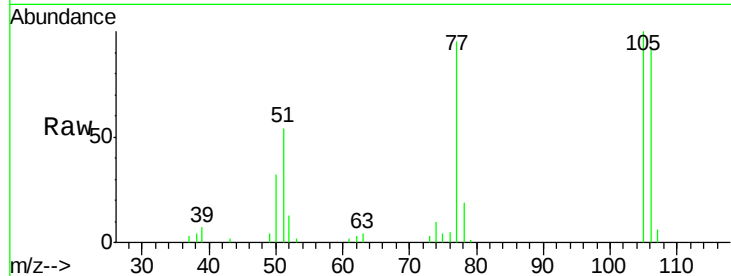
Tot Ion: 77 Resp: 30195

Ion Ratio Lower Upper

77 100

105 104.8 69.6 109.6

106 96.8 64.0 104.0



#10

Phenol

Concen: 31.69 ng

RT: 6.18 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

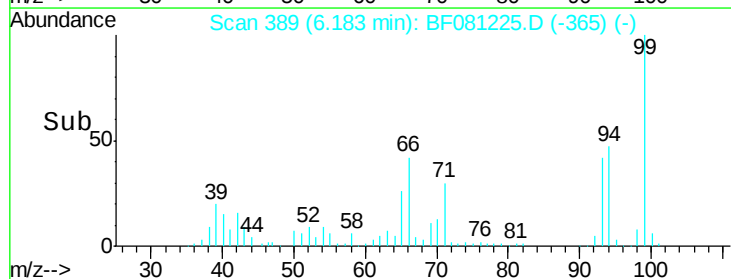
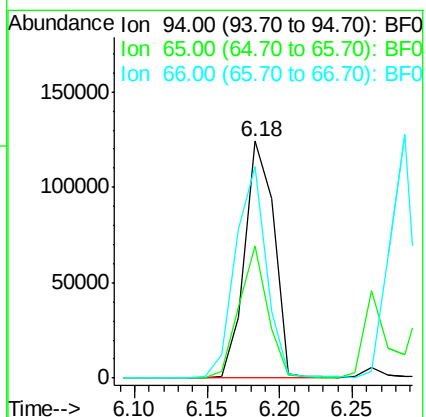
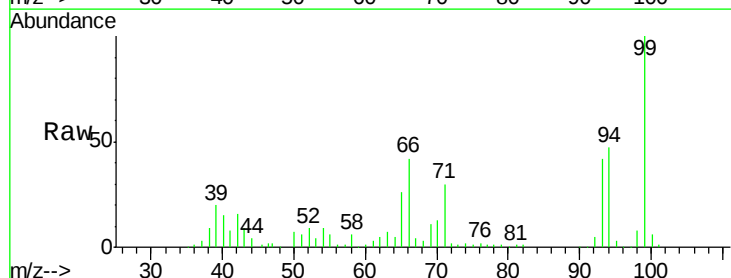
Tgt Ion: 94 Resp: 174698

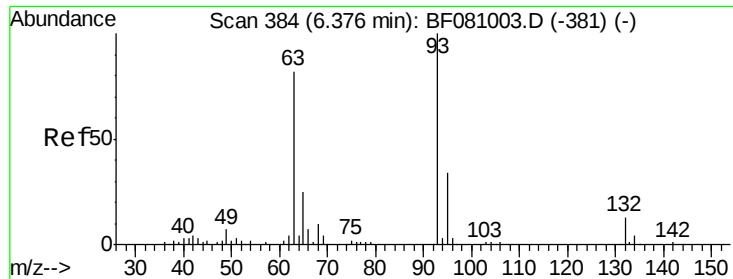
Ion Ratio Lower Upper

94 100

65 55.7 28.4 68.4

66 89.4 52.3 92.3

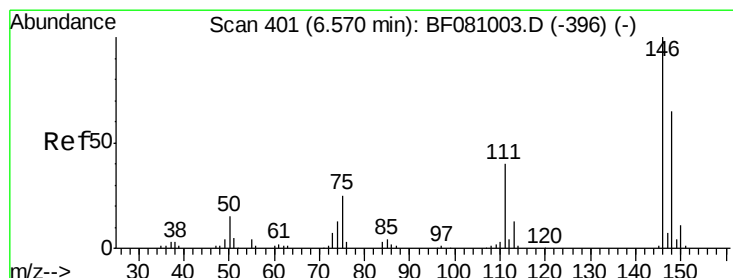
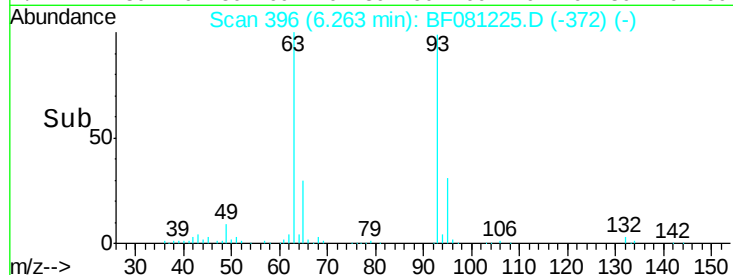
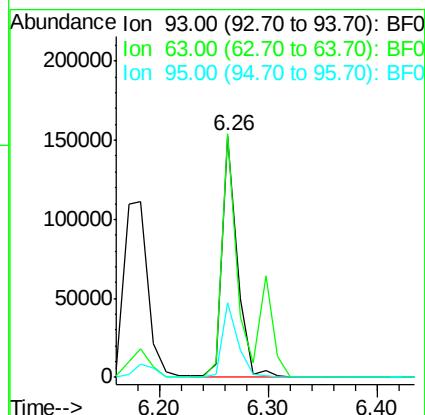
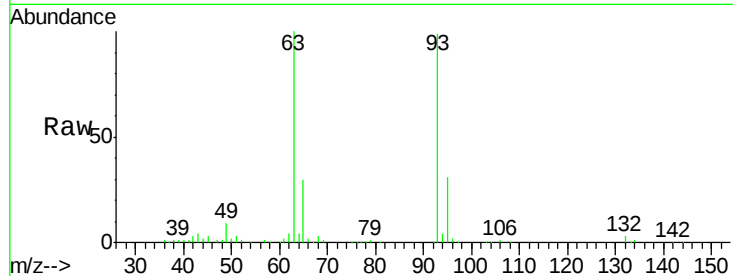




#11
 bis(2-Chloroethyl)ether
 Concen: 35.69 ng
 RT: 6.26 min Scan# 396
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

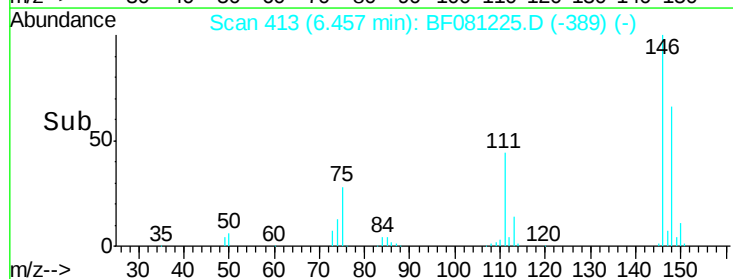
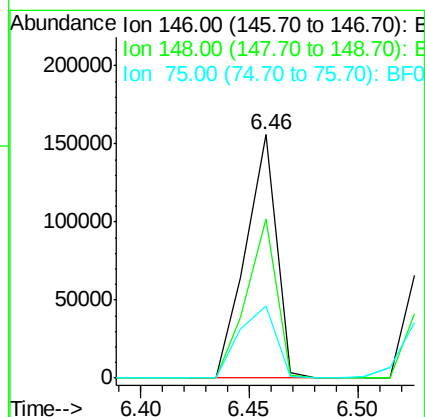
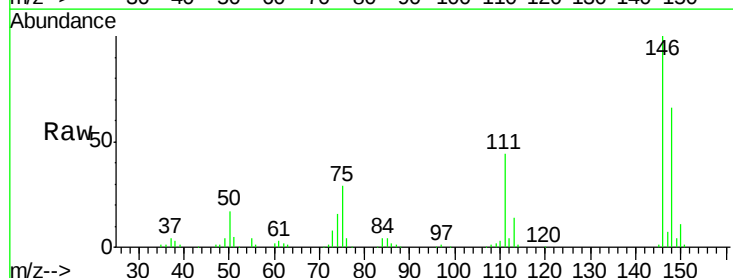
Instrument :
 BNA_F
 ClientSampleId :

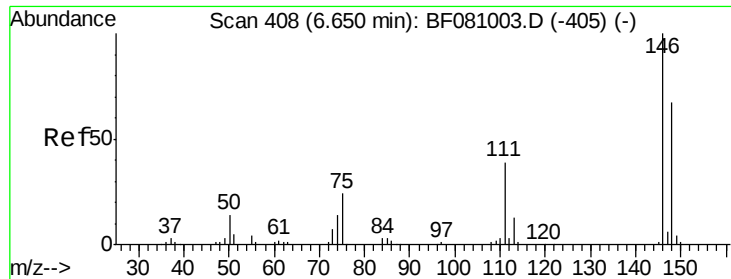
Tot Ion: 93 Resp: 150989
 Ion Ratio Lower Upper
 93 100
 63 100.9 69.6 109.6
 95 31.1 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 36.52 ng
 RT: 6.46 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Tgt Ion: 146 Resp: 153679
 Ion Ratio Lower Upper
 146 100
 148 65.6 53.3 79.9
 75 29.4 25.0 37.6

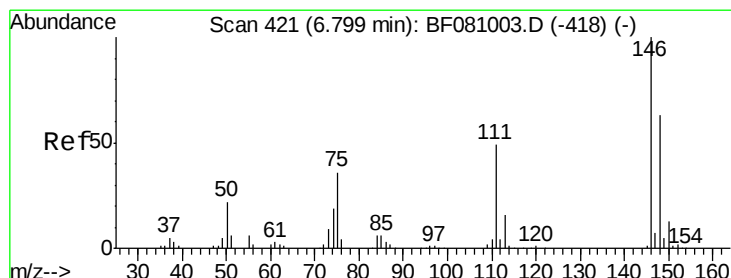
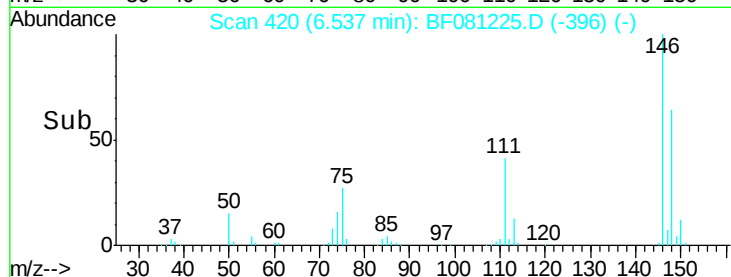
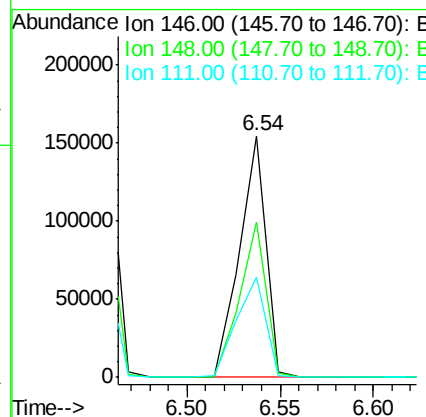
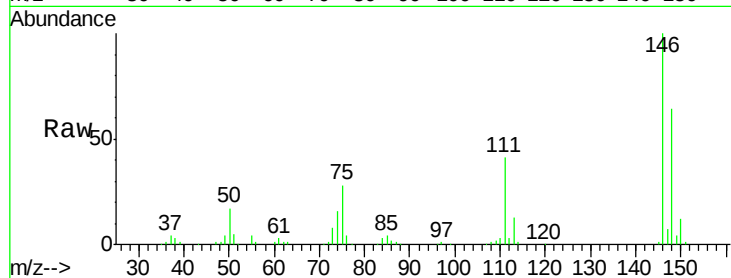




#13
 1,4-Dichlorobenzene
 Concen: 37.13 ng
 RT: 6.54 min Scan# 420
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

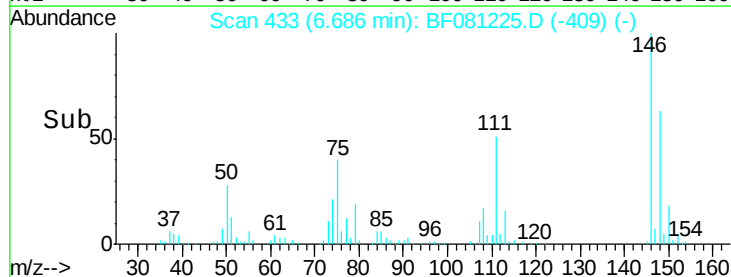
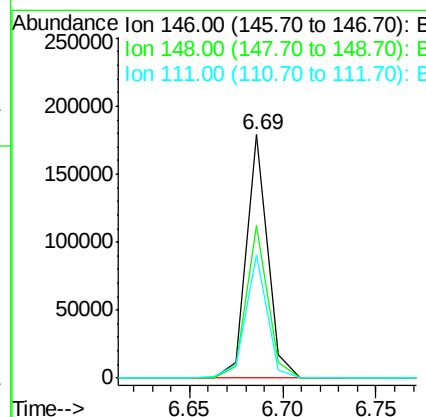
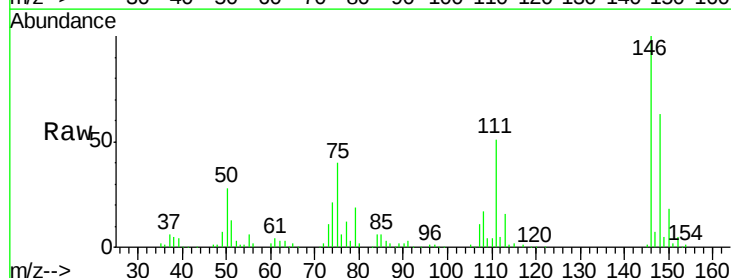
Instrument :
 BNA_F
 ClientSampleId :

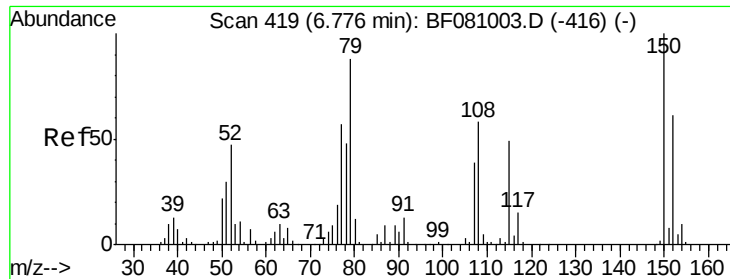
Tot Ion:146 Resp: 154703
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.3 78.5
 111 41.3 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 36.76 ng
 RT: 6.69 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Tgt Ion:146 Resp: 143350
 Ion Ratio Lower Upper
 146 100
 148 62.6 48.7 73.1
 111 50.8 42.3 63.5

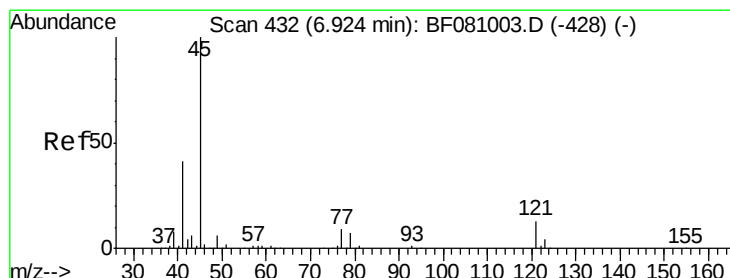
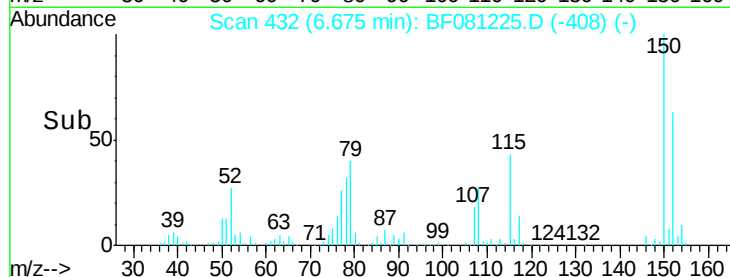
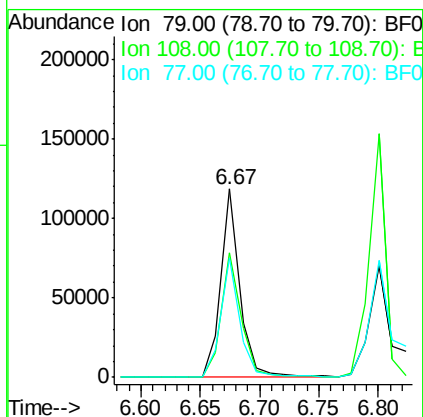
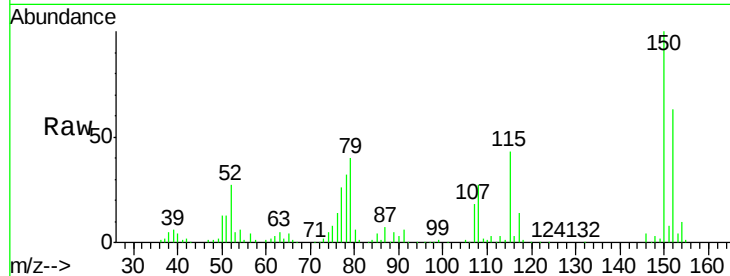




#15
Benzyl Alcohol
Concen: 34.86 ng
RT: 6.67 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

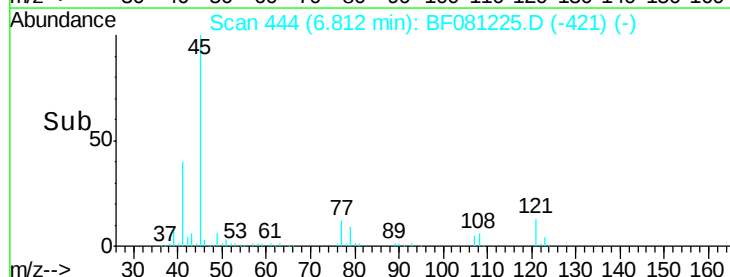
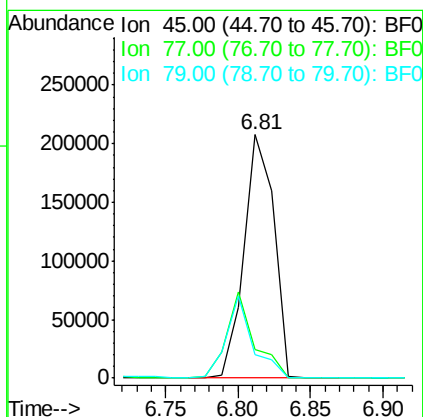
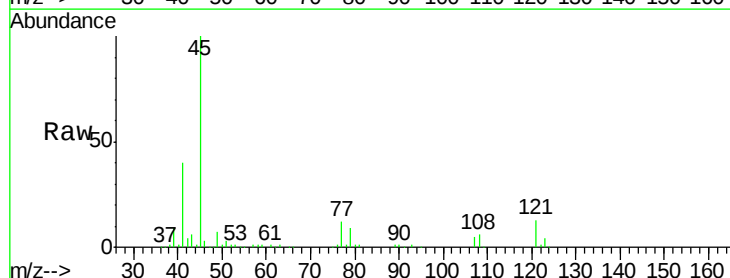
Instrument :
BNA_F
ClientSampleId :

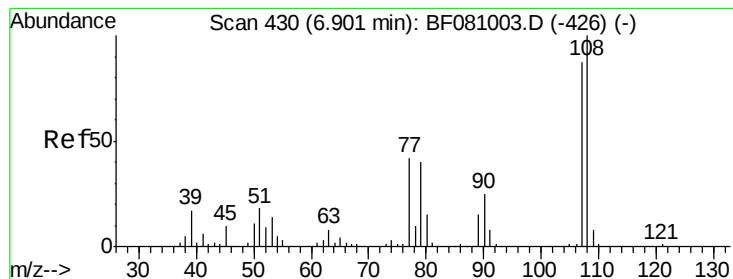
Tot Ion: 79 Resp: 131675
Ion Ratio Lower Upper
79 100
108 66.5 49.4 74.2
77 63.8 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.58 ng
RT: 6.81 min Scan# 444
Delta R.T. -0.04 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Tgt Ion: 45 Resp: 295746
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.2
79 9.4 0.0 28.0

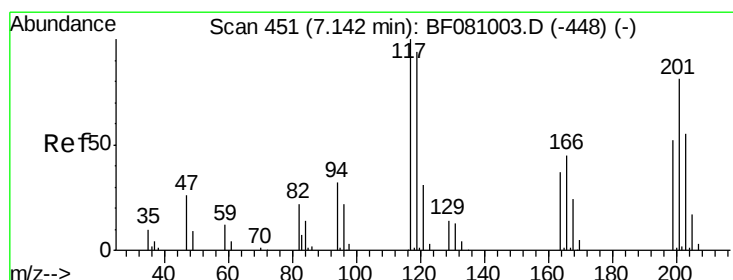
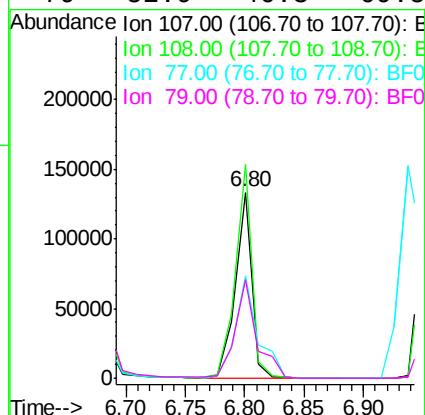
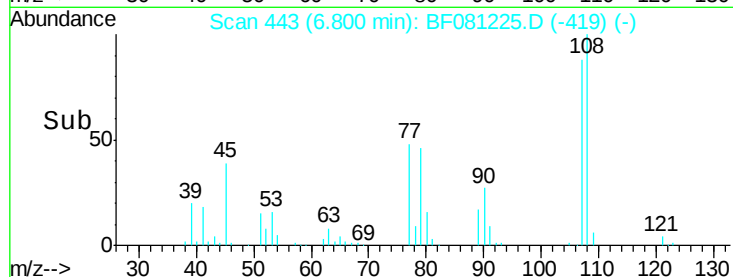
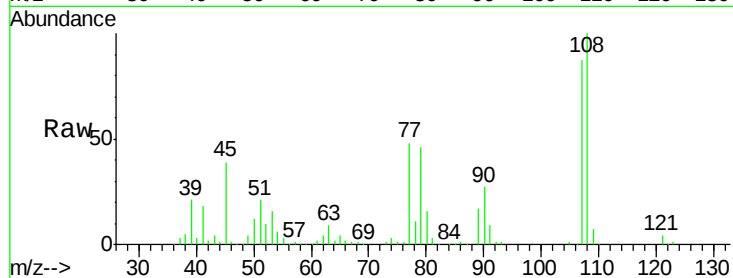




#17
2-Methylphenol
Concen: 38.68 ng
RT: 6.80 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

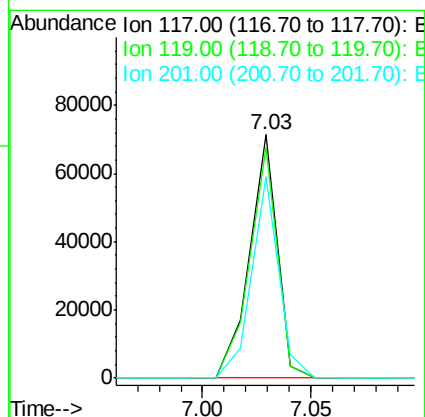
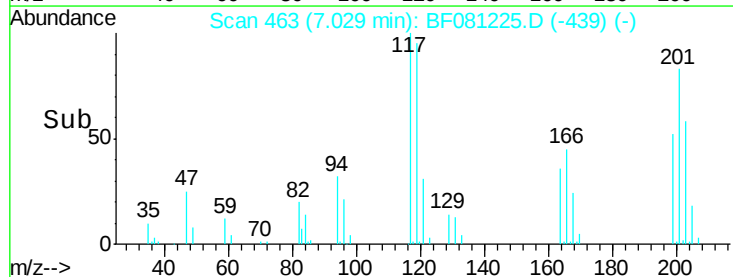
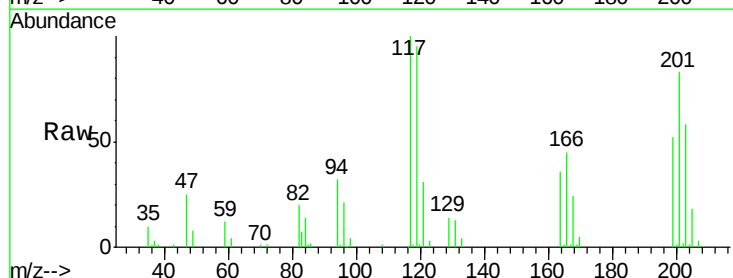
Instrument :
BNA_F
ClientSampled :

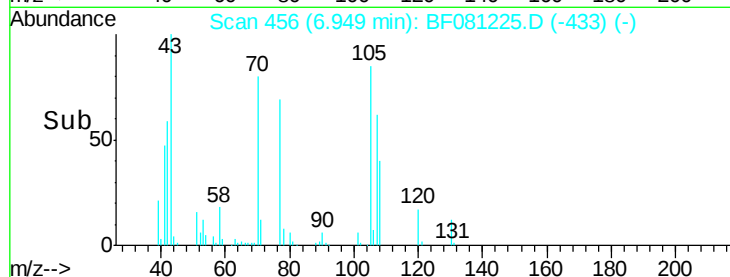
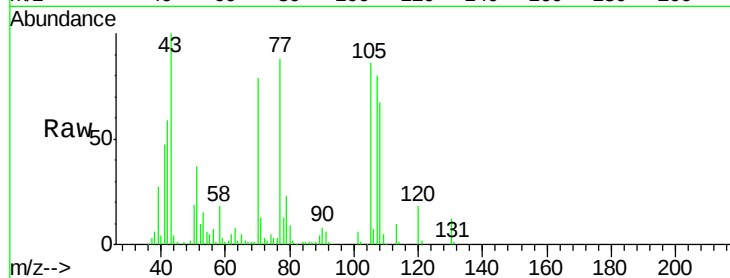
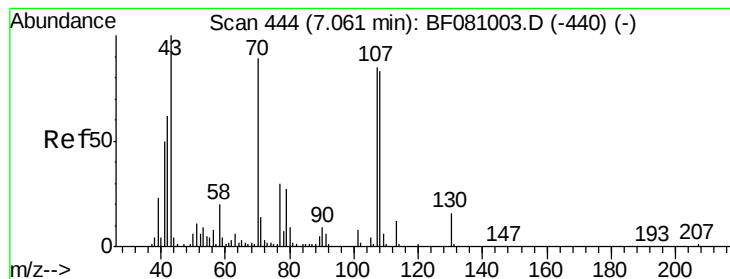
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.4	135.6
77	55.2	46.5	69.7
79	52.9	46.3	69.5



#18
Hexachloroethane
Concen: 37.49 ng
RT: 7.03 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.9	116.9
201	82.7	61.3	91.9





#19

n-Nitroso-di-n-propylamine

Concen: 35.63 ng

RT: 6.95 min Scan# 456

Delta R.T. -0.04 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 115234

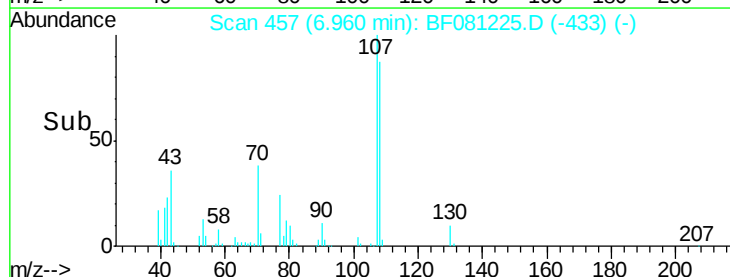
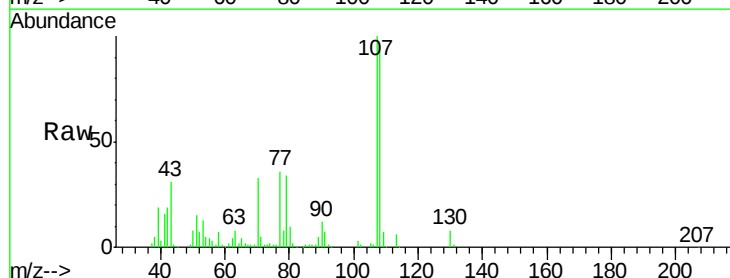
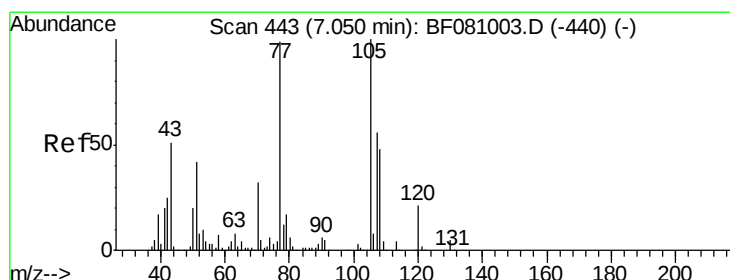
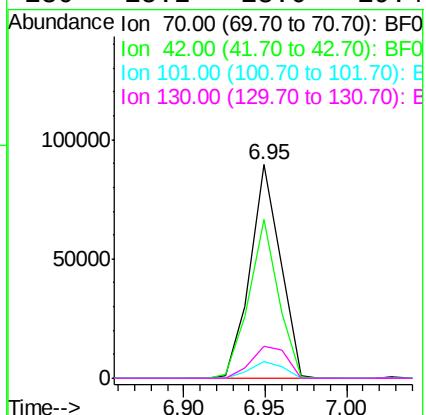
Ion Ratio Lower Upper

70 100

42 74.3 65.0 97.4

101 7.9 7.4 11.2

130 15.2 13.0 19.4



#20

3+4-Methylphenols

Concen: 39.55 ng

RT: 6.96 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Tgt Ion: 107 Resp: 168675

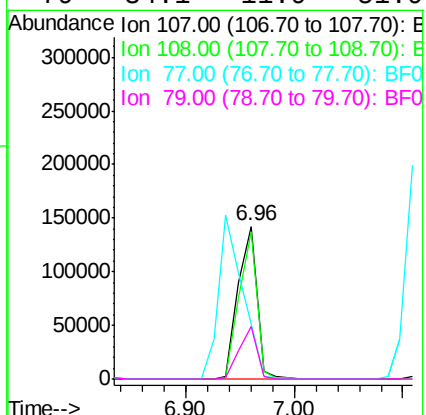
Ion Ratio Lower Upper

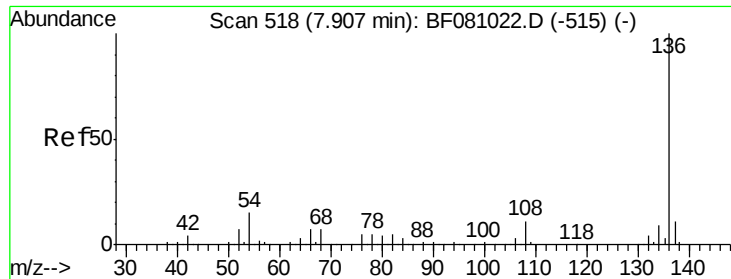
107 100

108 96.3 66.1 106.1

77 36.1 139.3 179.3#

79 34.1 11.9 51.9

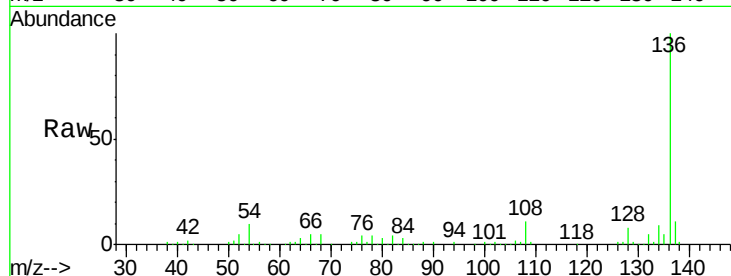




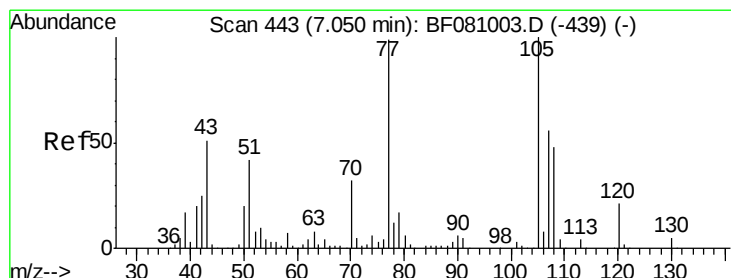
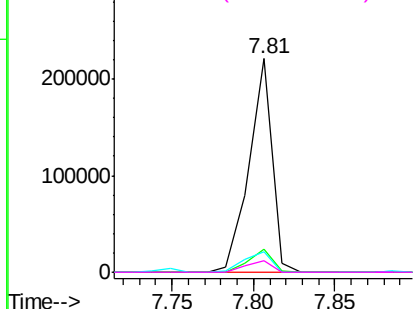
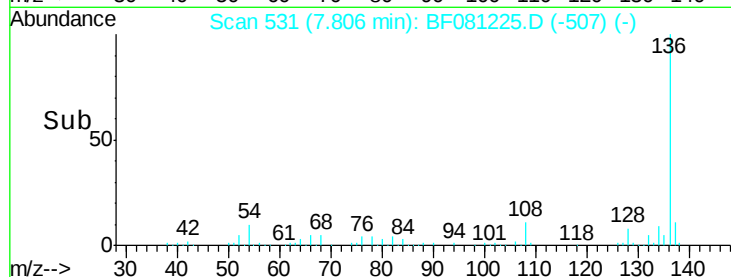
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	216370
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.2 12.2
54	9.8	7.7 11.5
68	5.3	3.4 5.2#

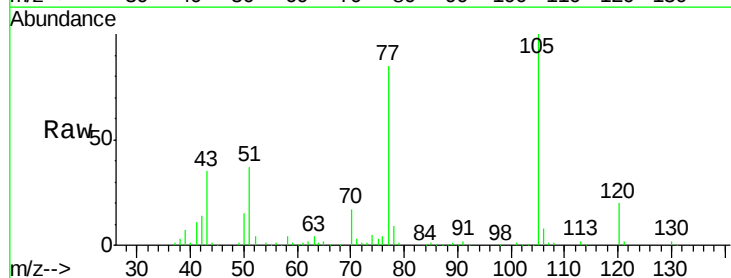


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

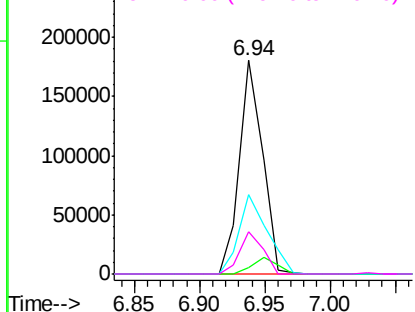
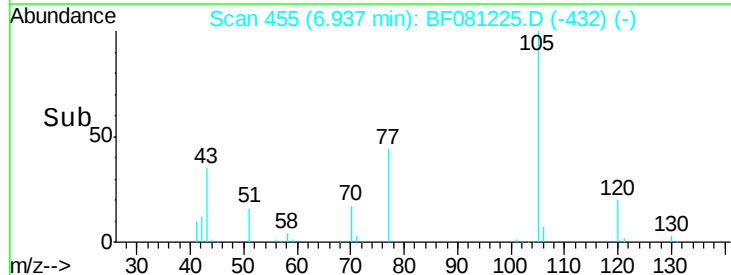


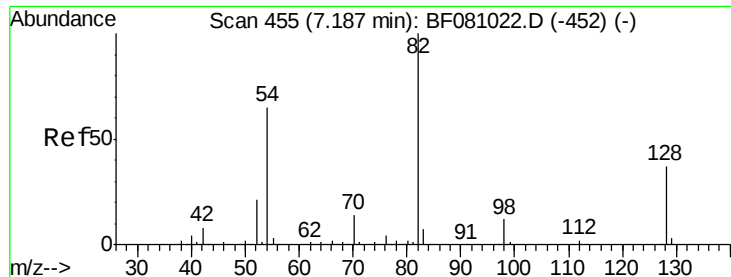
#22
Acetophenone
Concen: 38.88 ng
RT: 6.94 min Scan# 455
Delta R.T. -0.04 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Tgt Ion:105	Resp:	220856
Ion Ratio	Lower	Upper
105	100	
71	2.9	3.0 4.6#
51	37.4	39.8 59.8#
120	19.8	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

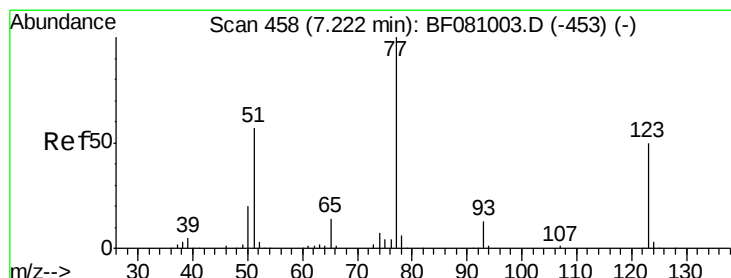
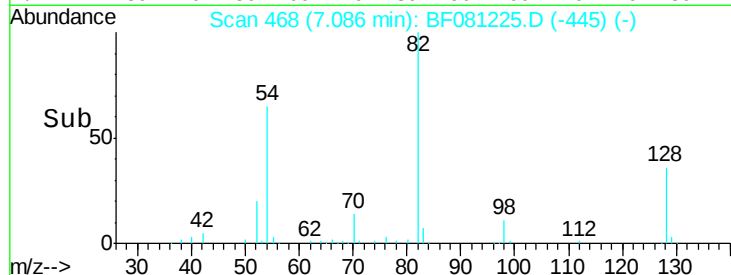
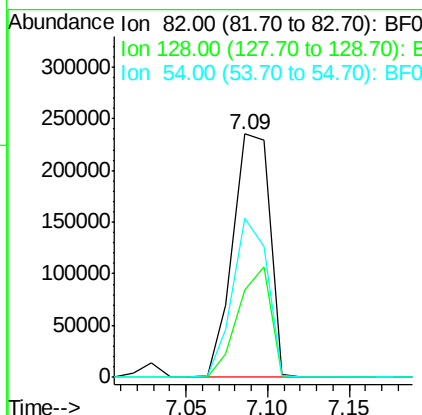
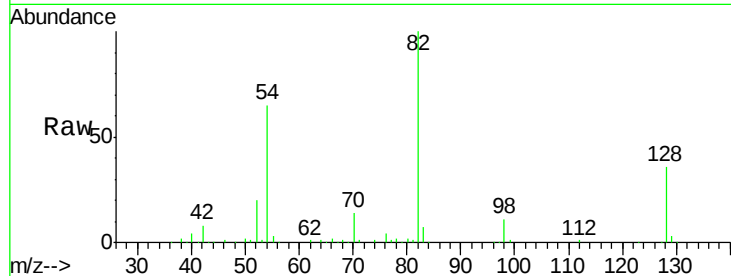




#23
 Nitrobenzene-d5
 Concen: 77.96 ng
 RT: 7.09 min Scan# 468
 Delta R.T. -0.04 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

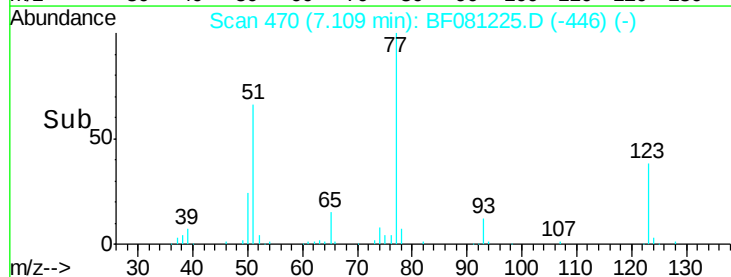
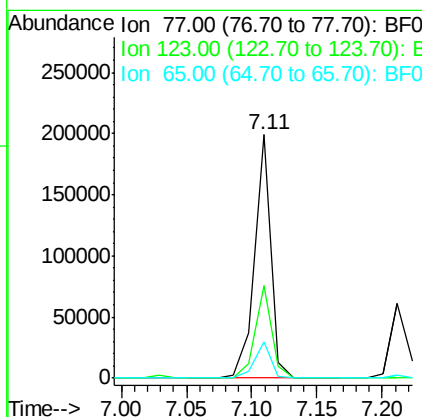
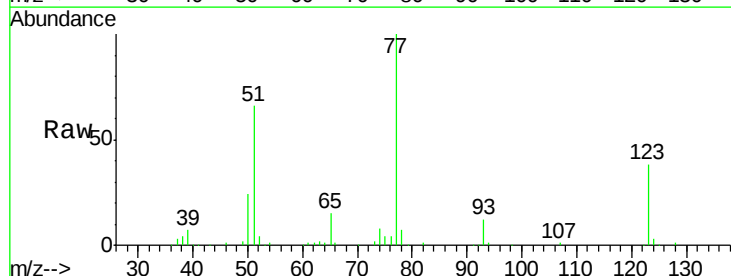
Instrument :
 BNA_F
 ClientSampleID :

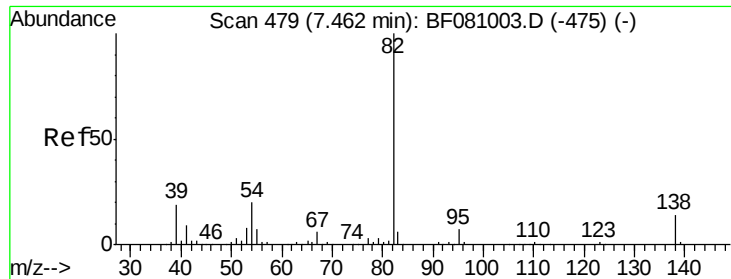
Tot Ion	82	Resp	369253
Ion Ratio	Lower	Upper	
82	100		
128	35.8	28.6	42.8
54	65.1	55.1	82.7



#24
 Nitrobenzene
 Concen: 35.11 ng
 RT: 7.11 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Tgt Ion	77	Resp	173880
Ion Ratio	Lower	Upper	
77	100		
123	38.3	32.9	49.3
65	15.1	12.5	18.7





#25

Isophorone

Concen: 36.10 ng

RT: 7.36 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

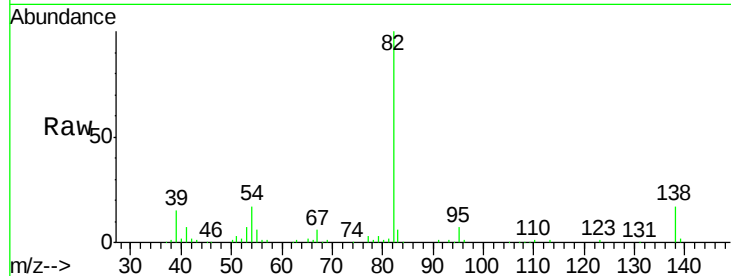
Tot Ion: 82 Resp: 318881

Ion Ratio Lower Upper

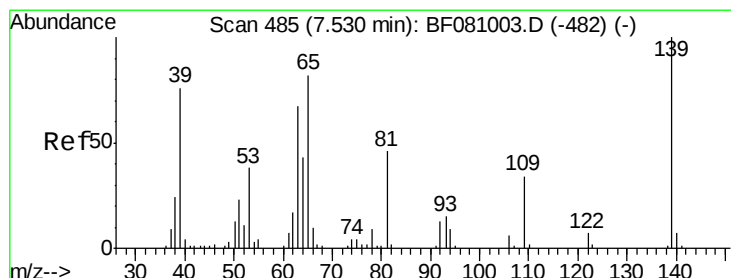
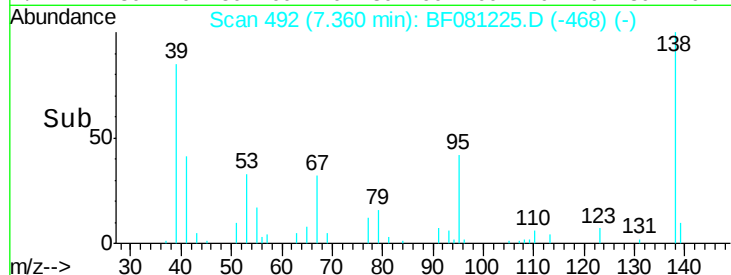
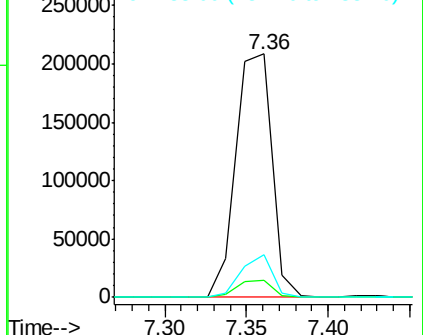
82 100

95 7.2 6.2 9.2

138 17.3 10.5 15.7#



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



#26

2-Nitrophenol

Concen: 40.97 ng

RT: 7.43 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

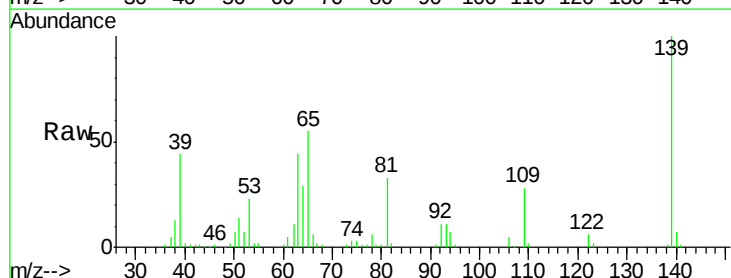
Tgt Ion: 139 Resp: 84377

Ion Ratio Lower Upper

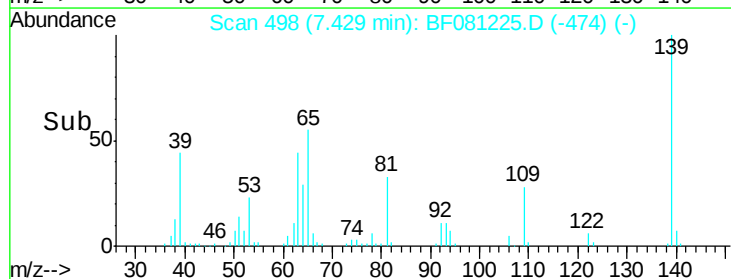
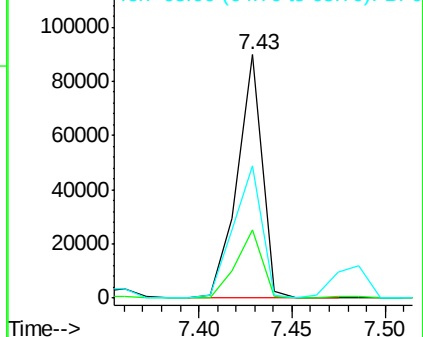
139 100

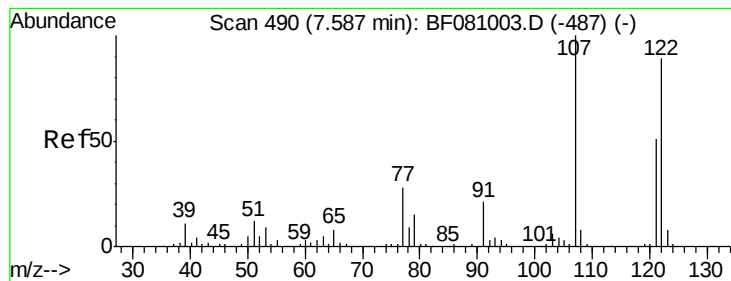
109 28.2 32.1 48.1#

65 54.5 69.9 104.9#



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





#27

2,4-Dimethylphenol

Concen: 39.36 ng

RT: 7.49 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

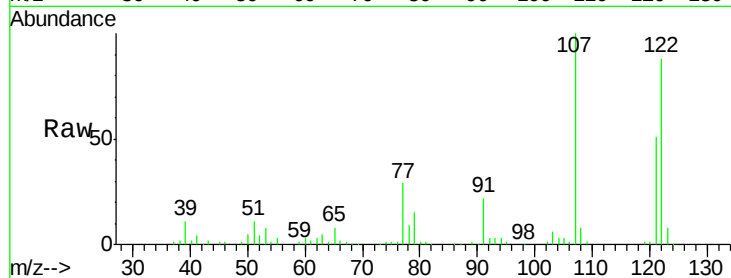
Tot Ion:122 Resp: 143400

Ion Ratio Lower Upper

122 100

107 113.2 103.8 155.6

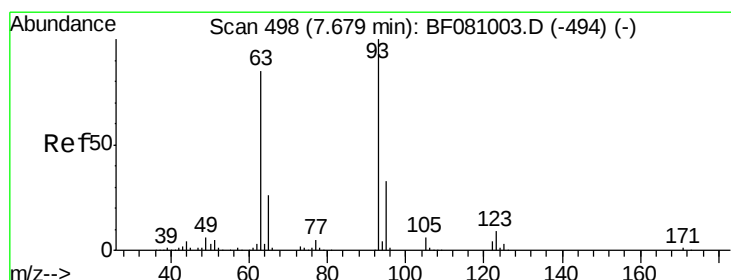
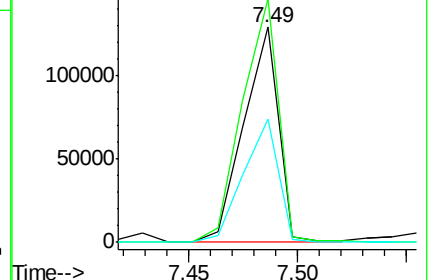
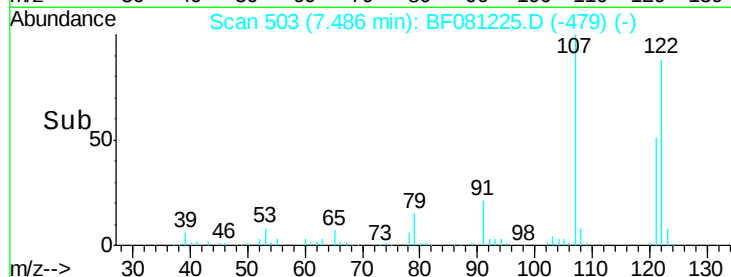
121 57.5 47.0 70.4



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: 40.11 ng

RT: 7.58 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

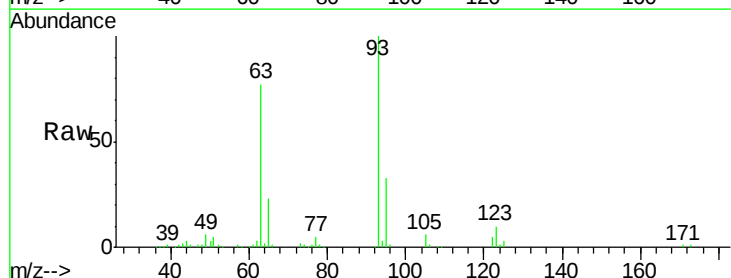
Tgt Ion: 93 Resp: 209320

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.8

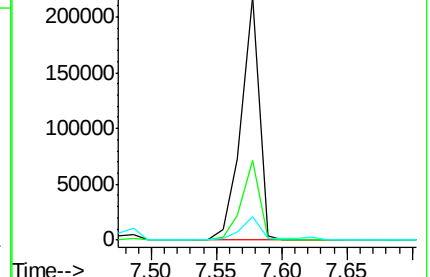
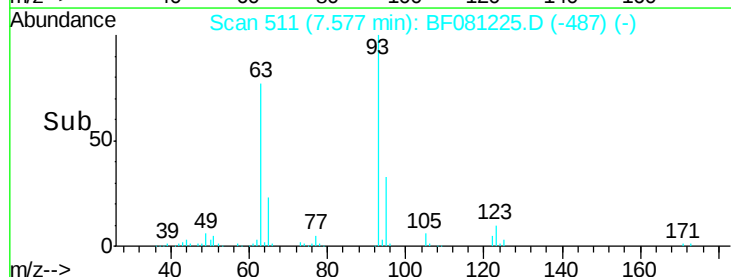
123 9.9 7.4 11.0

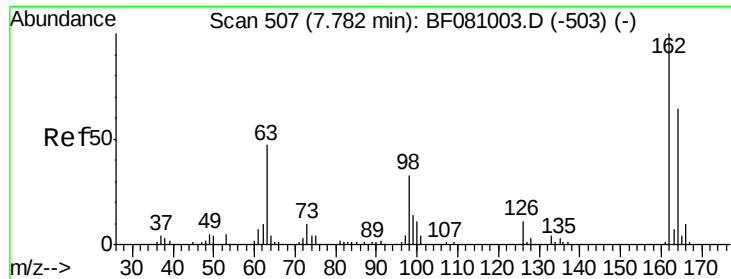


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

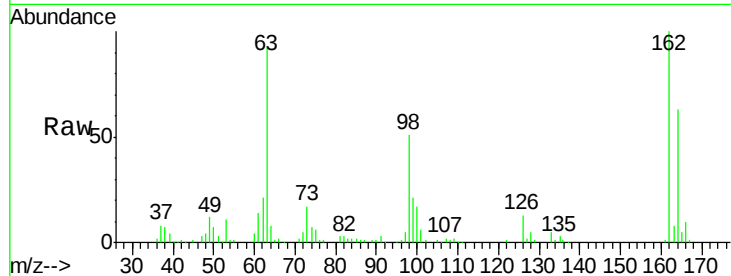




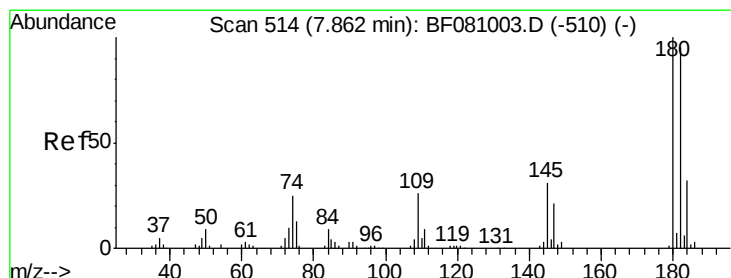
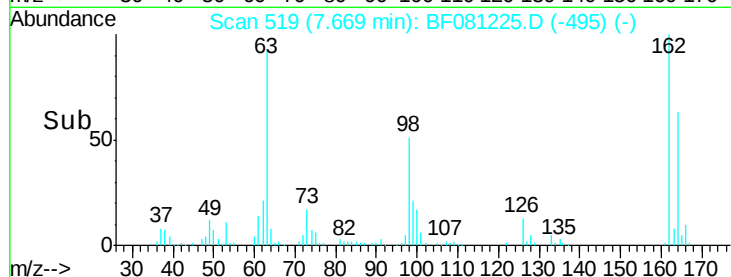
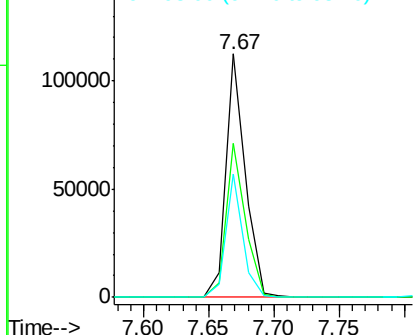
#29
 2,4-Dichlorophenol
 Concen: 37.82 ng
 RT: 7.67 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.2	83.2
98	50.8	12.3	52.3

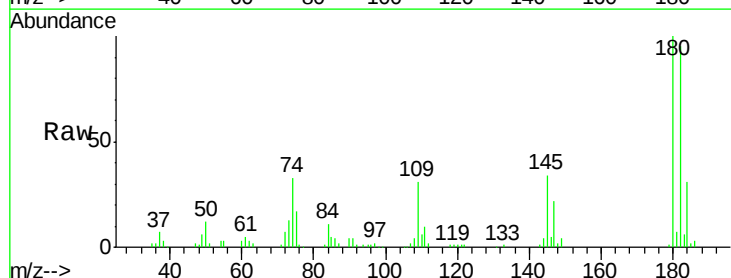


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

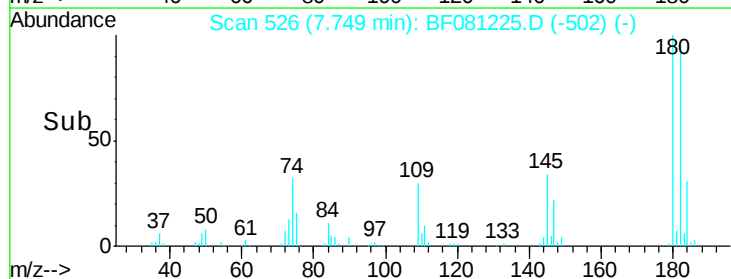
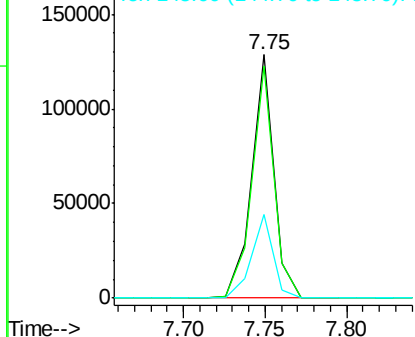


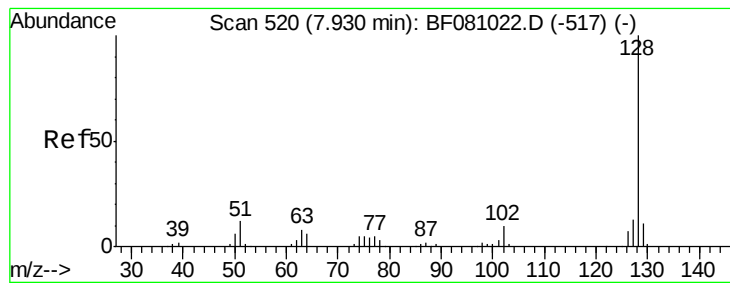
#30
 1,2,4-Trichlorobenzene
 Concen: 35.61 ng
 RT: 7.75 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.4	114.6
145	34.1	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: 38.14 ng

RT: 7.83 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampled :

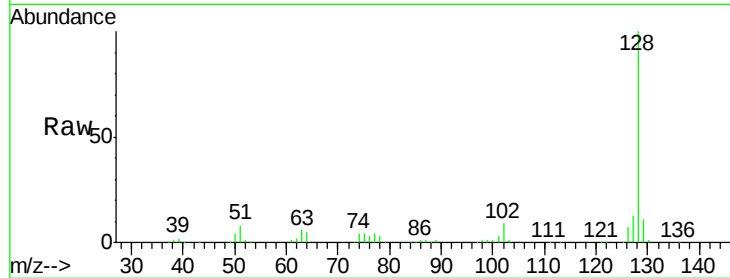
Tot Ion:128 Resp: 459961

Ion Ratio Lower Upper

128 100

129 10.7 8.4 12.6

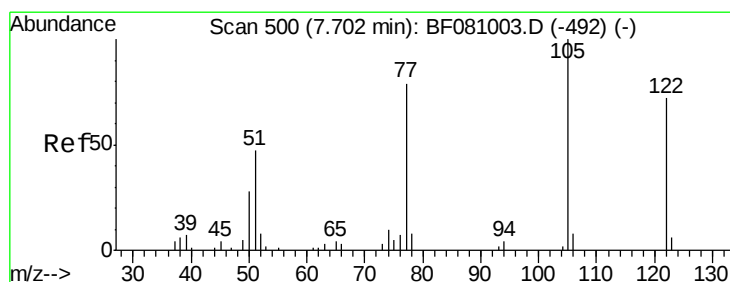
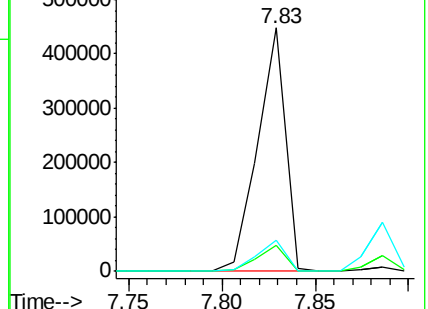
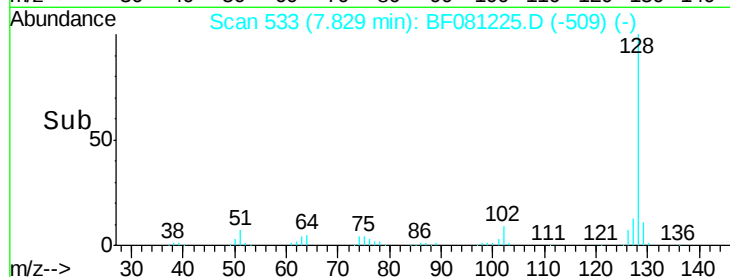
127 12.9 10.6 16.0



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: 38.57 ng

RT: 7.62 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

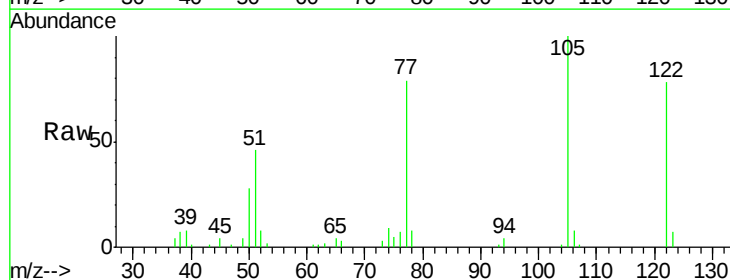
Tgt Ion:122 Resp: 79054

Ion Ratio Lower Upper

122 100

105 128.2 113.8 153.8

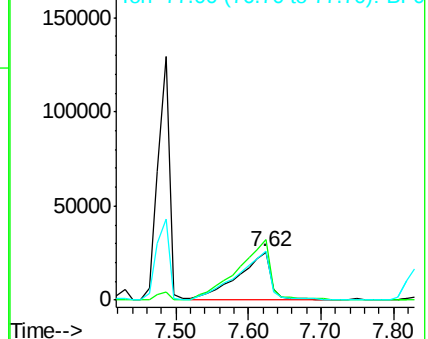
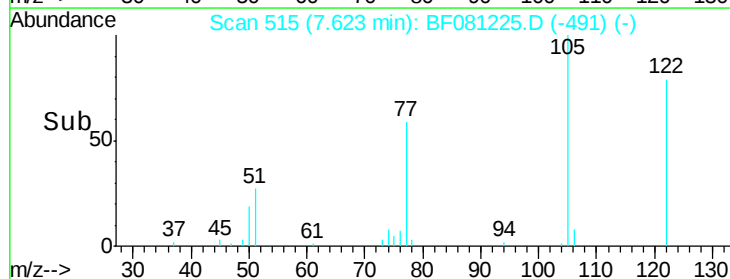
77 101.5 93.8 133.8

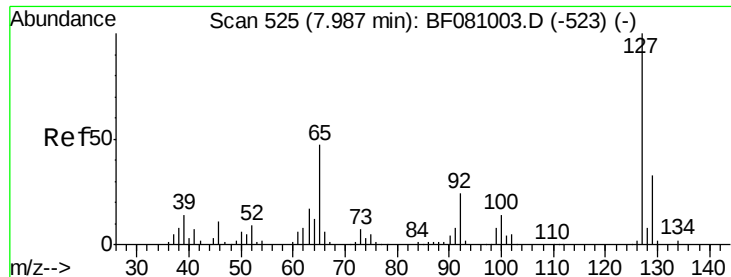


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

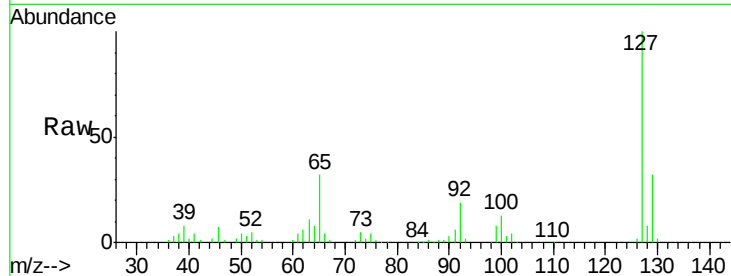




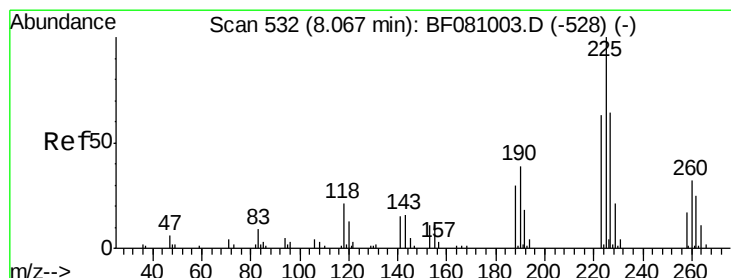
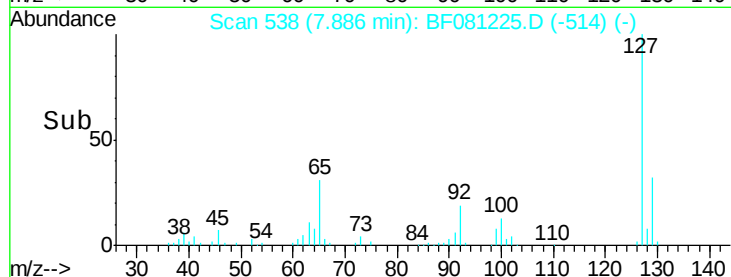
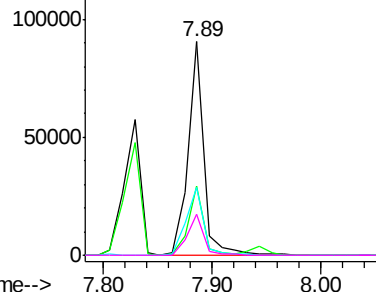
#33
4-Chloroaniline
Concen: 18.05 ng
RT: 7.89 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.2	37.8
65	31.8	37.8	56.6
92	19.2	19.5	29.3

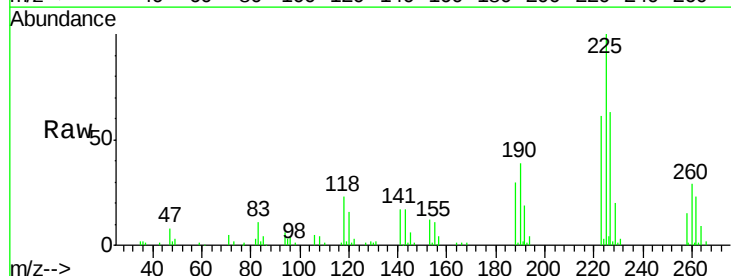


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

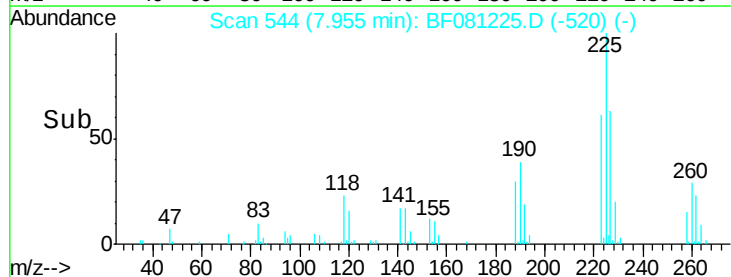
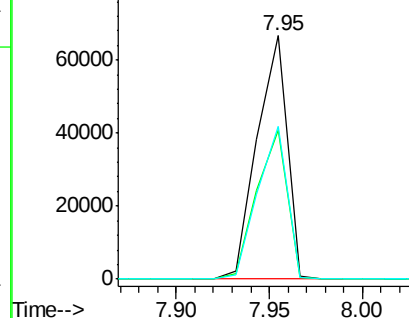


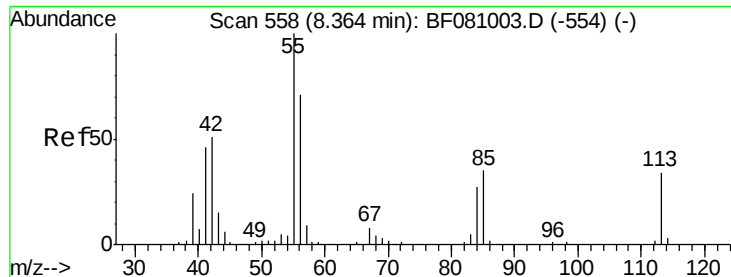
#34
Hexachlorobutadiene
Concen: 38.54 ng
RT: 7.95 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	52.6	79.0
227	62.6	51.1	76.7



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





#35

Caprolactam

Concen: 22.99 ng

RT: 8.26 min Scan# 571

Delta R.T. -0.04 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

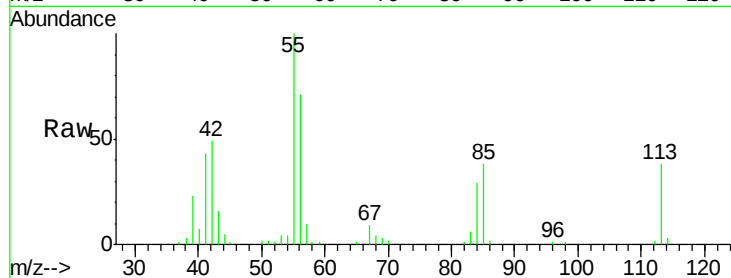
Tot Ion:113 Resp: 24646

Ion Ratio Lower Upper

113 100

55 266.0 280.4 320.4#

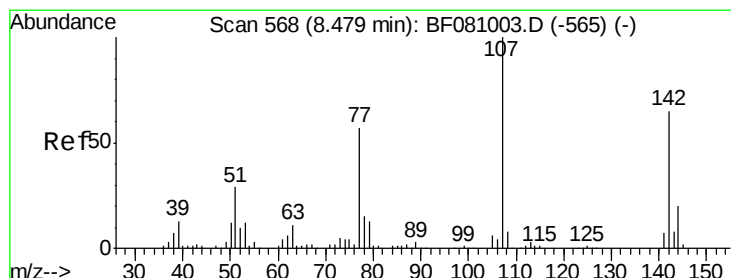
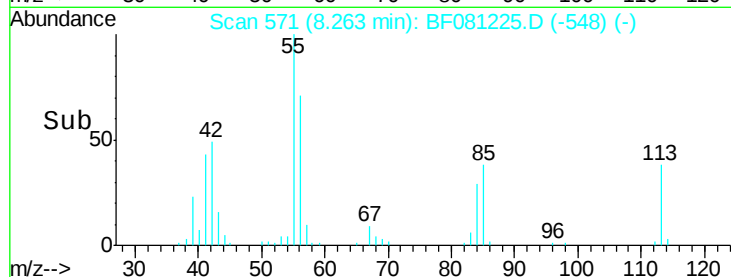
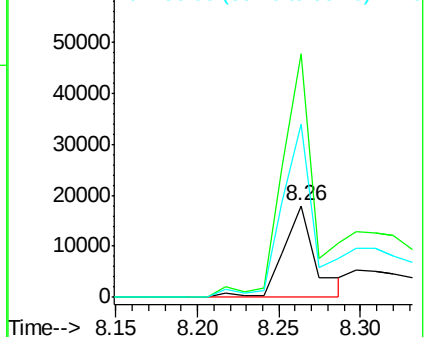
56 188.7 205.9 245.9#



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: 38.93 ng

RT: 8.38 min Scan# 581

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

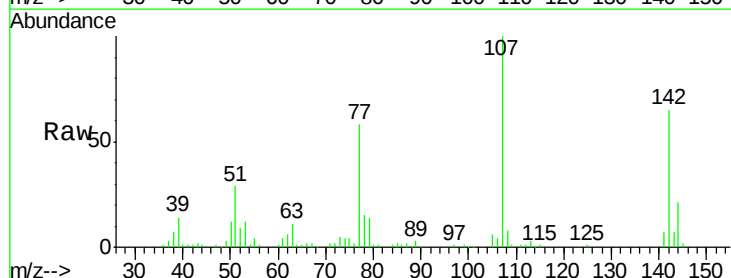
Tgt Ion:107 Resp: 142337

Ion Ratio Lower Upper

107 100

144 20.7 17.2 25.8

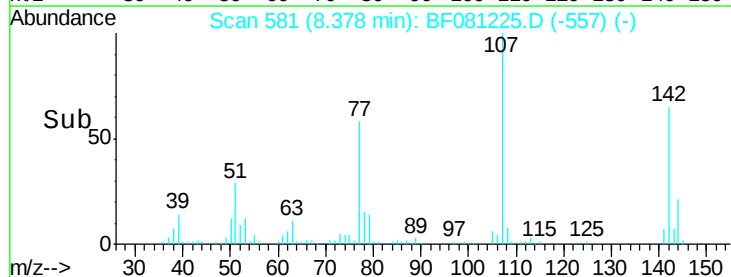
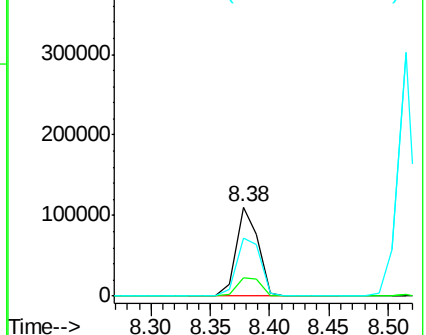
142 65.4 54.9 82.3

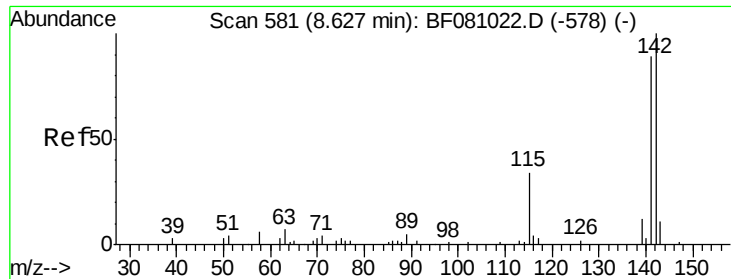


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

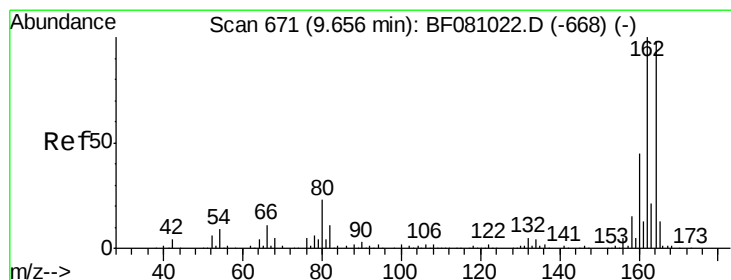
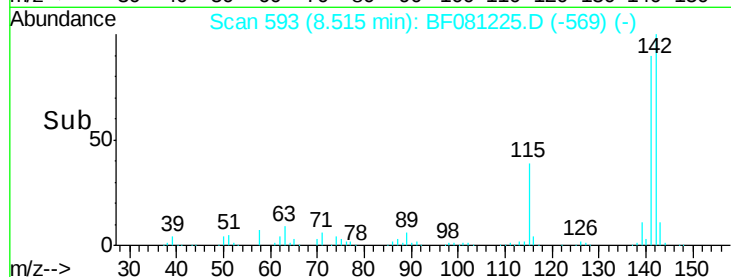
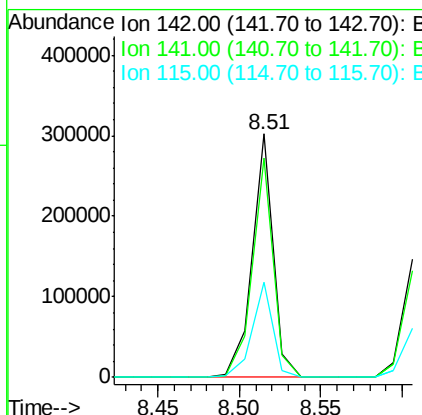
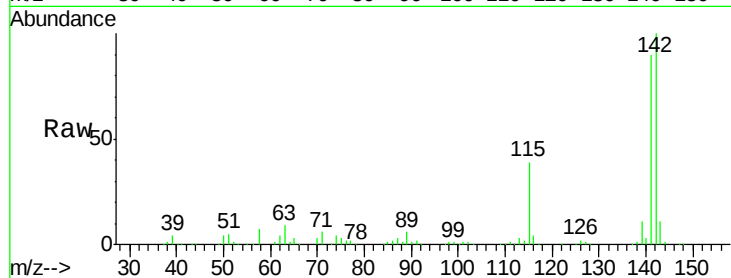




#37
 2-Methylnaphthalene
 Concen: 35.36 ng
 RT: 8.51 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

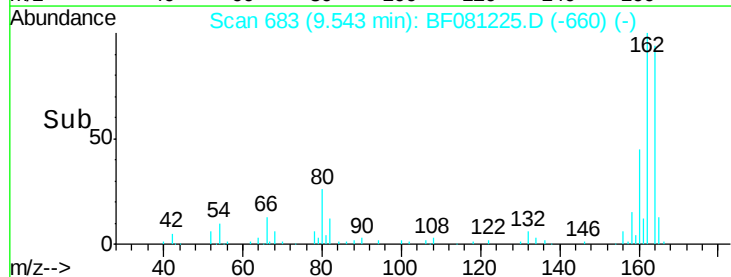
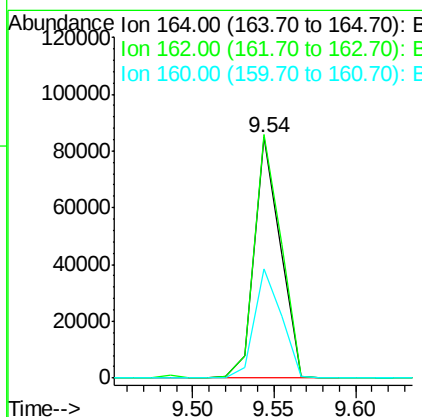
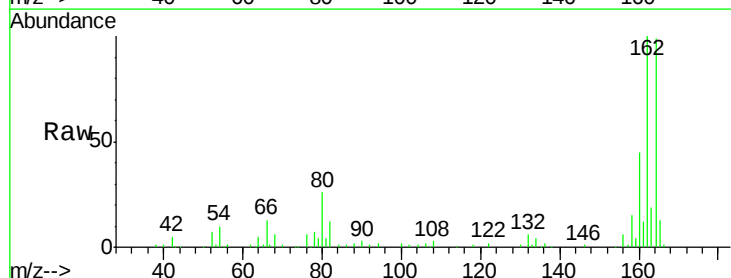
Instrument :
 BNA_F
 ClientSampleId :

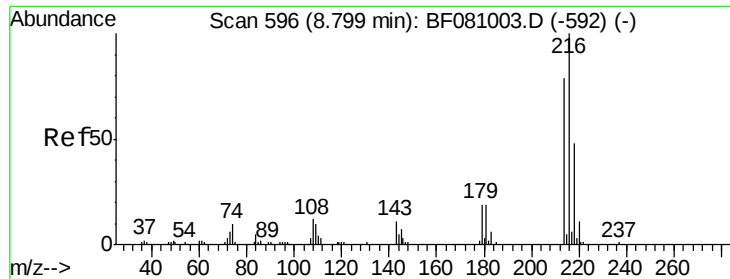
Tot Ion:142 Resp: 269429
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.4 107.2
 115 39.2 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.04 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Tgt Ion:164 Resp: 93800
 Ion Ratio Lower Upper
 164 100
 162 101.2 83.8 125.8
 160 45.4 39.8 59.8

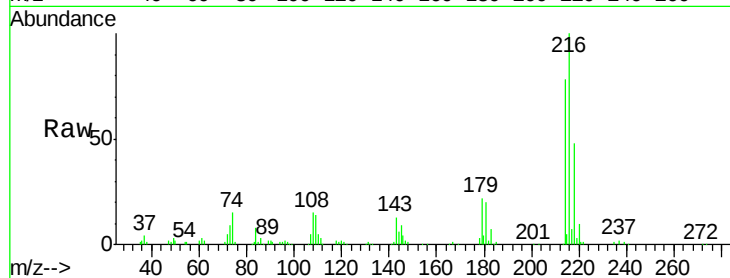




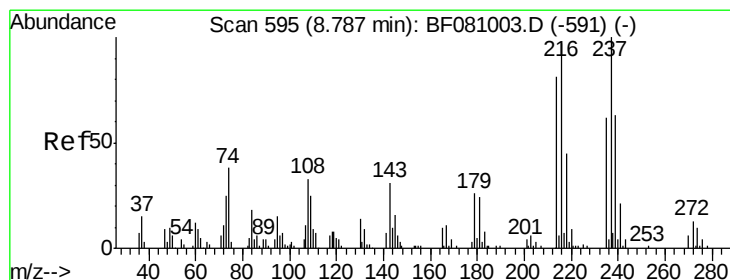
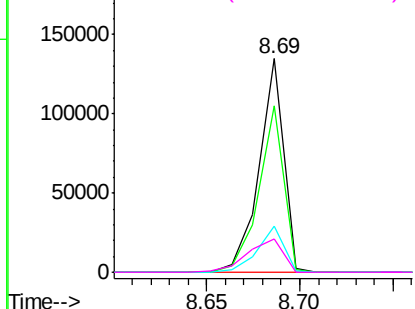
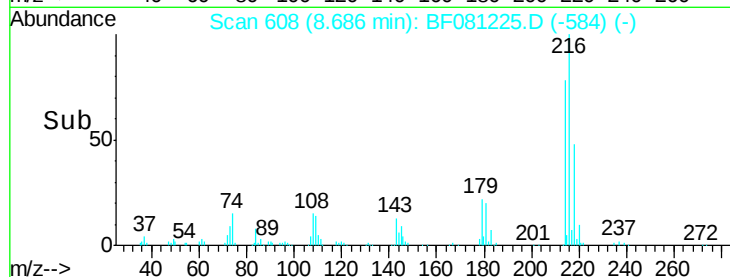
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.45 ng
 RT: 8.69 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	122431
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.8
179	23.0	17.8	26.8
108	22.6	16.2	24.2

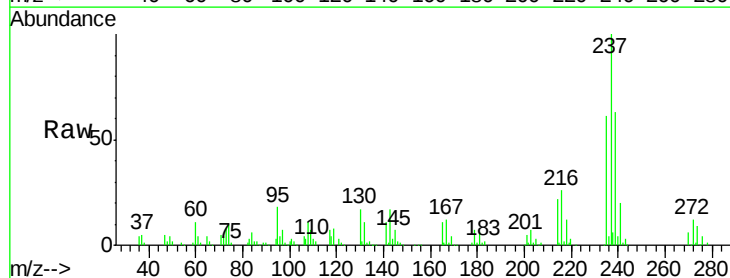


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

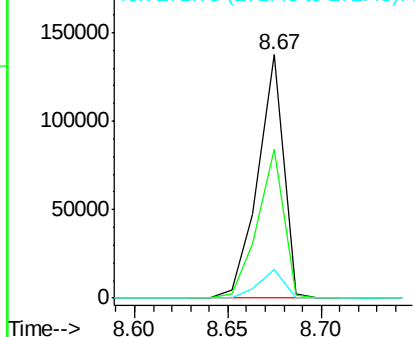
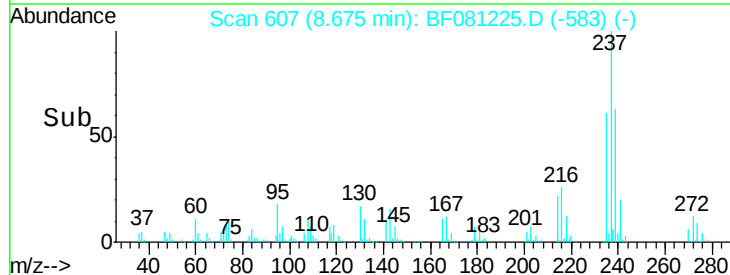


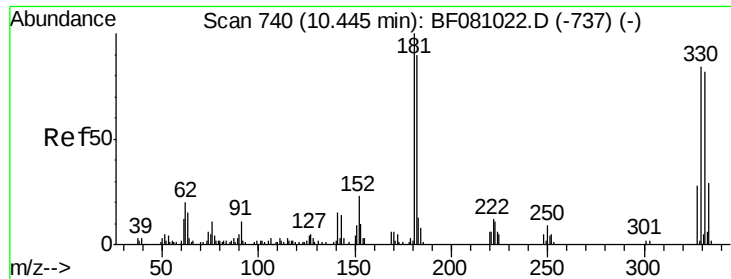
#40
 Hexachlorocyclopentadiene
 Concen: 83.73 ng
 RT: 8.67 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Tgt Ion:	237	Resp:	131157
Ion	Ratio	Lower	Upper
237	100		
235	61.2	43.6	83.6
272	11.8	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

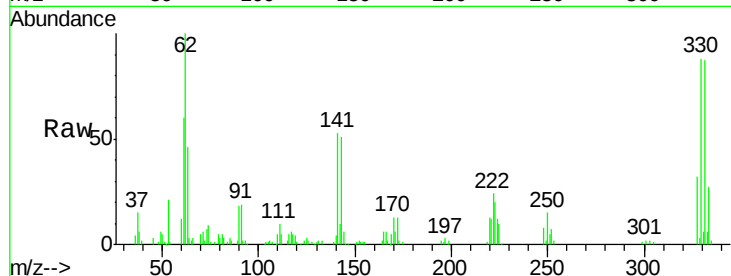




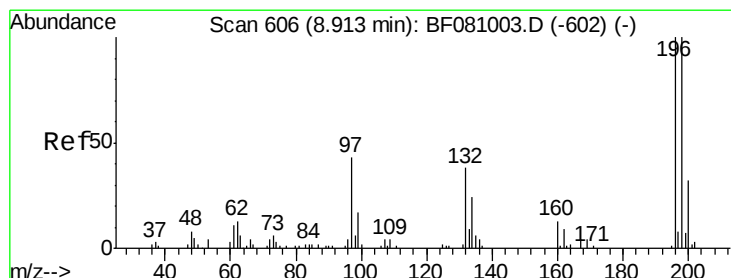
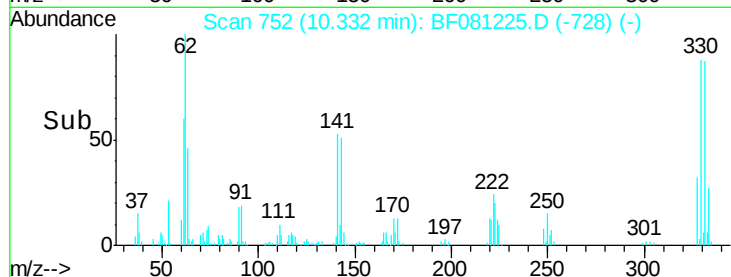
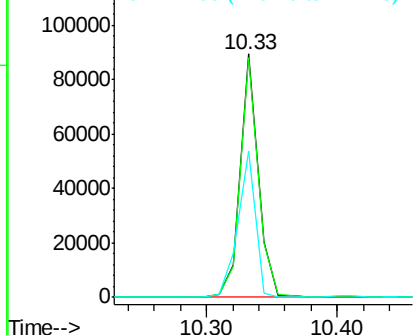
#41
 2,4,6-Tribromophenol
 Concen: 105.07 ng
 RT: 10.33 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 85430
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.3 115.9
 141 58.6 44.9 67.3

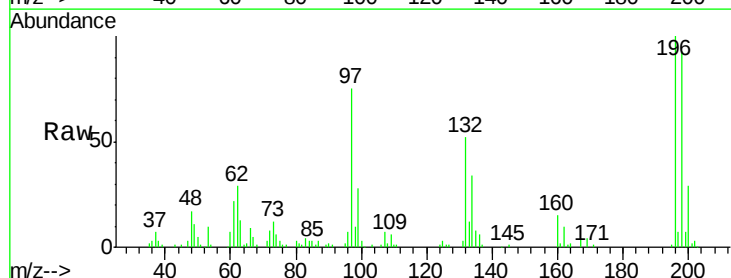


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

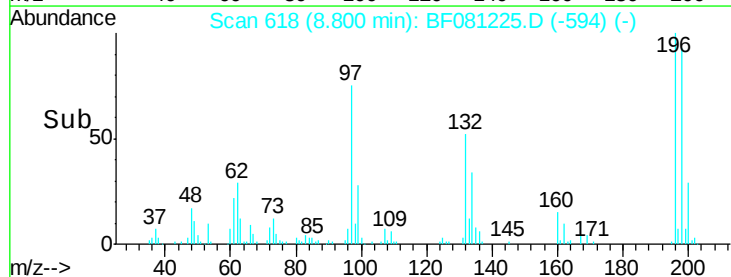
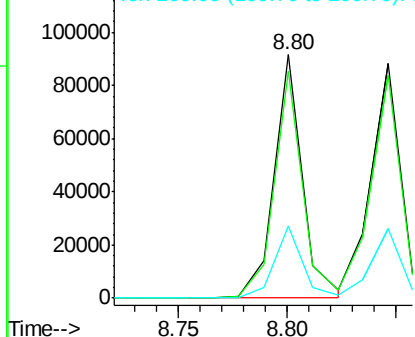


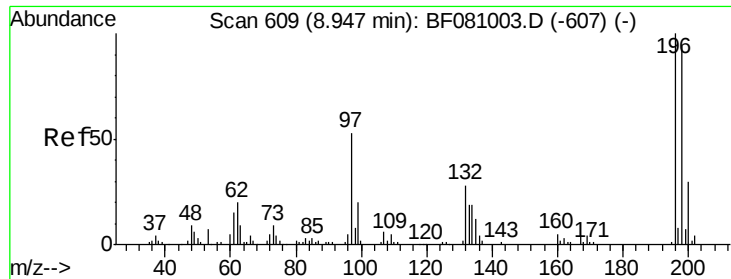
#42
 2,4,6-Trichlorophenol
 Concen: 38.99 ng
 RT: 8.80 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Tgt Ion:196 Resp: 83368
 Ion Ratio Lower Upper
 196 100
 198 93.5 74.6 111.8
 200 29.4 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

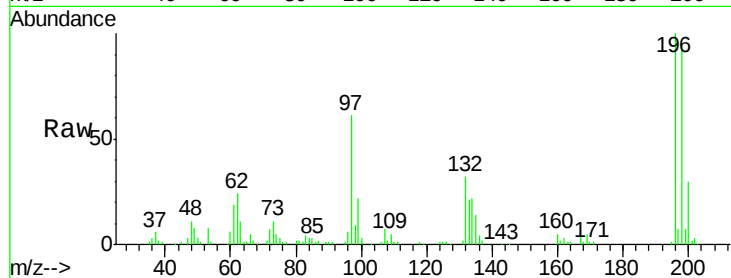




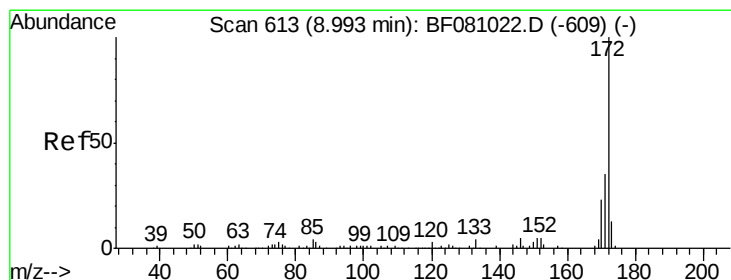
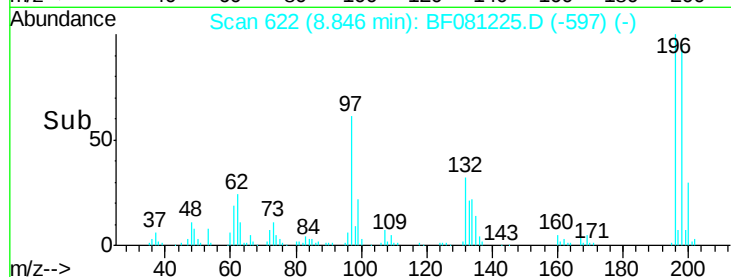
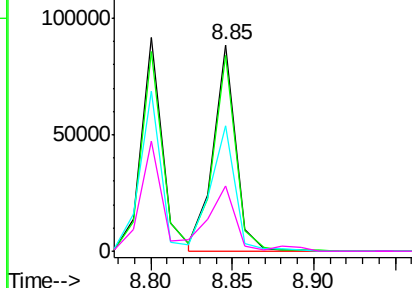
#43
 2,4,5-Trichlorophenol
 Concen: 39.97 ng
 RT: 8.85 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	95.0	78.3	117.5	
97	60.9	42.7	64.1	
132	31.5	23.3	34.9	

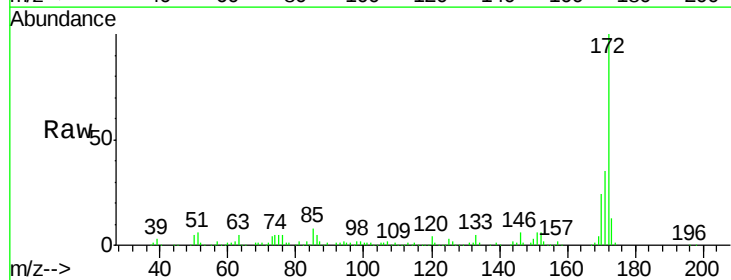


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

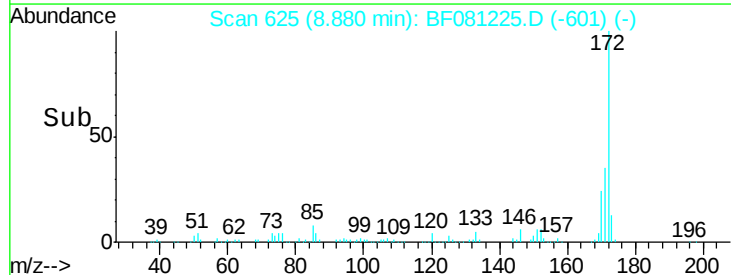
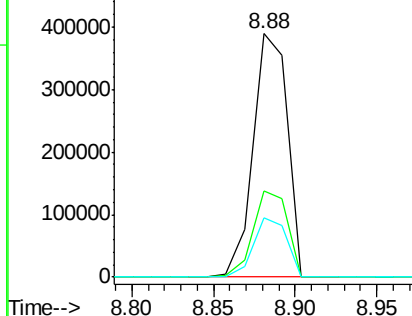


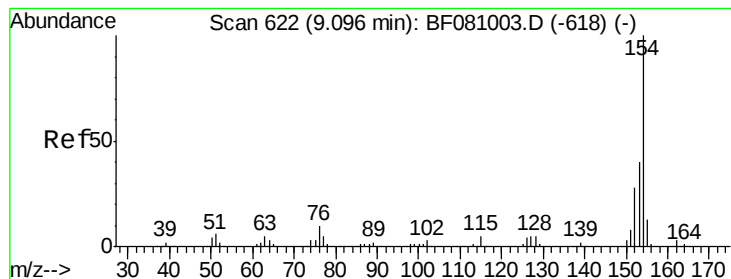
#44
 2-Fluorobiphenyl
 Concen: 79.38 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.4	28.9	43.3	
170	24.4	19.4	29.2	



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





#45

1,1'-Biphenyl

Concen: 43.49 ng

RT: 8.98 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

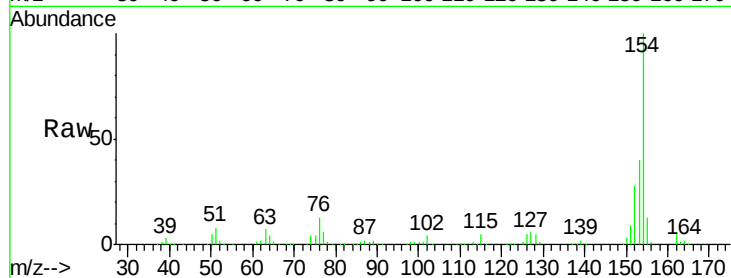
Tot Ion:154 Resp: 359286

Ion Ratio Lower Upper

154 100

153 40.0 19.5 59.5

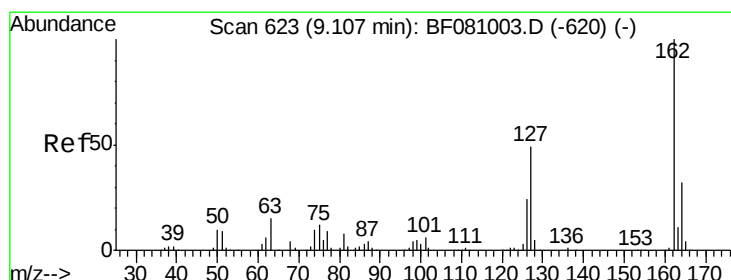
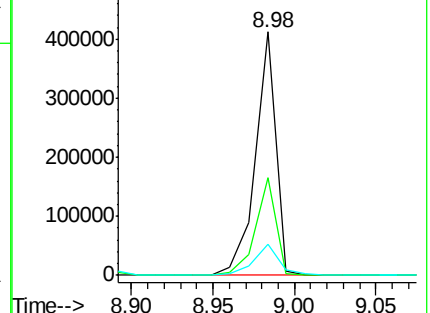
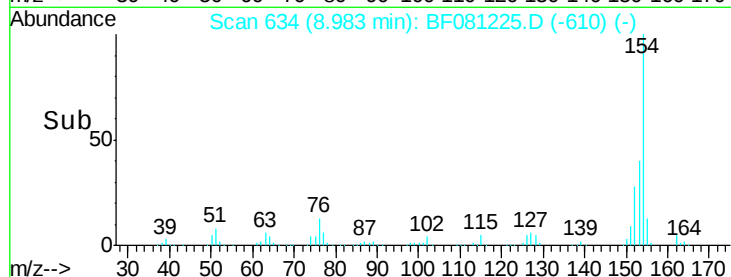
76 12.5 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.08 ng

RT: 8.99 min Scan# 635

Delta R.T. -0.04 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

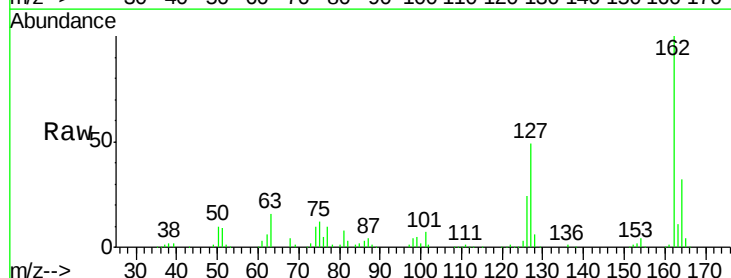
Tgt Ion:162 Resp: 246119

Ion Ratio Lower Upper

162 100

127 49.2 31.3 46.9#

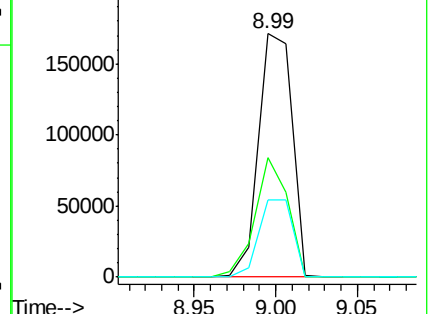
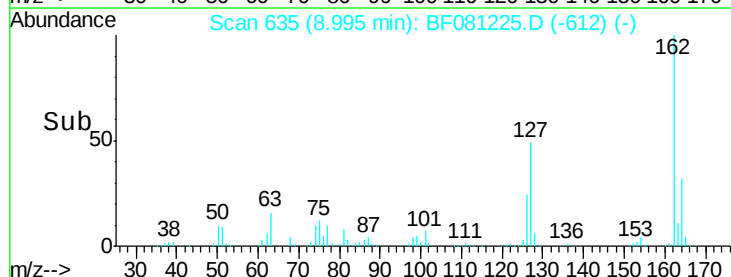
164 32.0 26.3 39.5

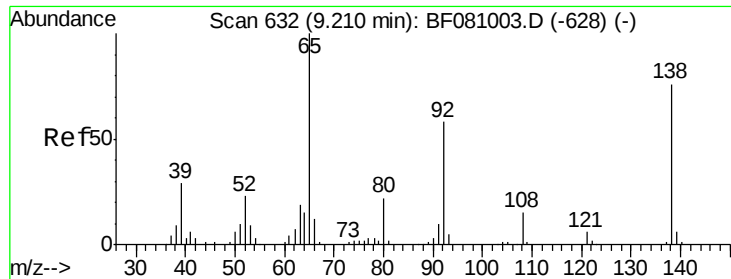


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

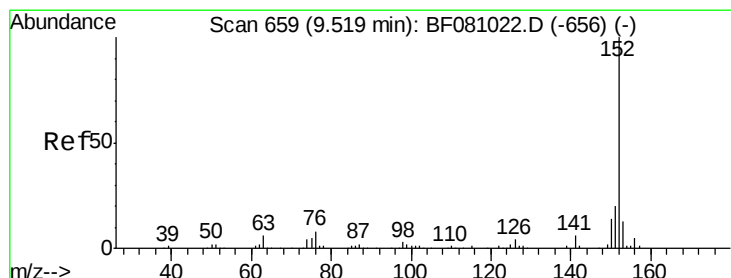
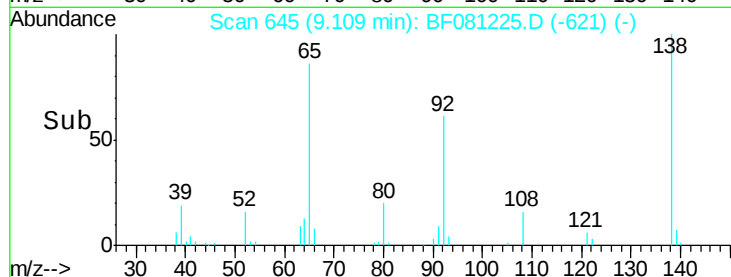
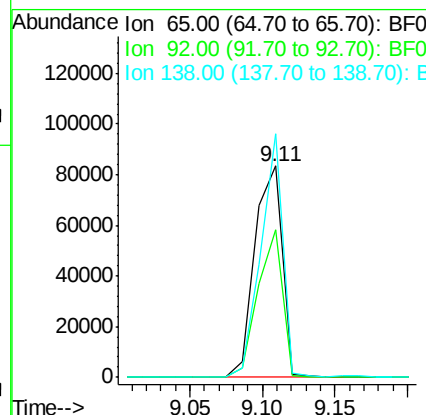
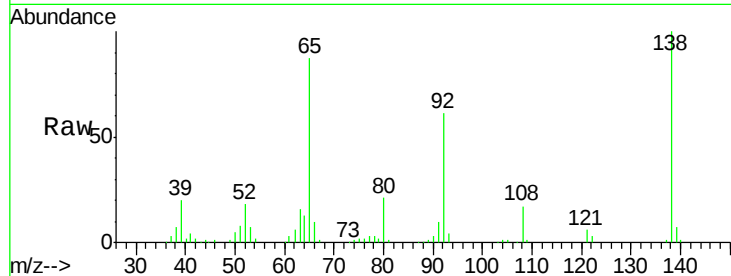




#47
2-Nitroaniline
Concen: 40.24 ng
RT: 9.11 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

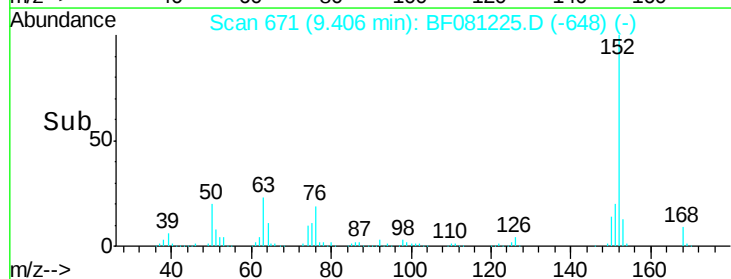
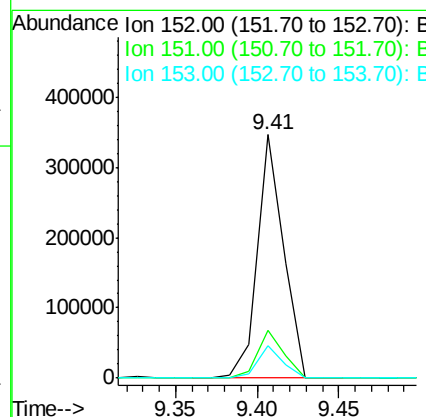
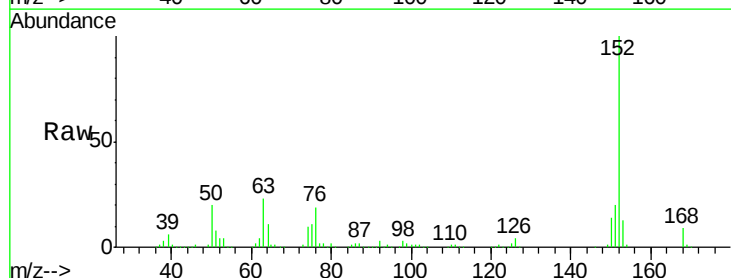
Instrument :
BNA_F
ClientSampleId :

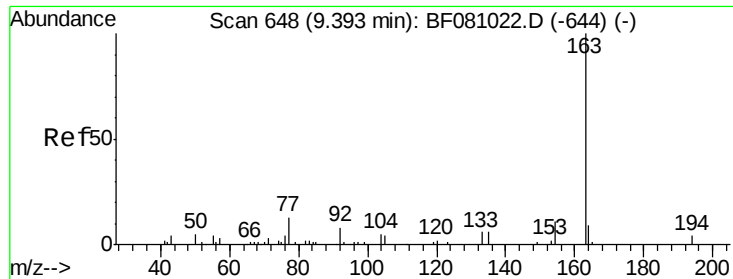
Tot Ion: 65 Resp: 109313
Ion Ratio Lower Upper
65 100
92 69.8 45.6 68.4#
138 115.3 57.9 86.9#



#48
Acenaphthylene
Concen: 32.61 ng
RT: 9.41 min Scan# 671
Delta R.T. -0.04 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Tgt Ion:152 Resp: 387190
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.3 9.8 14.6

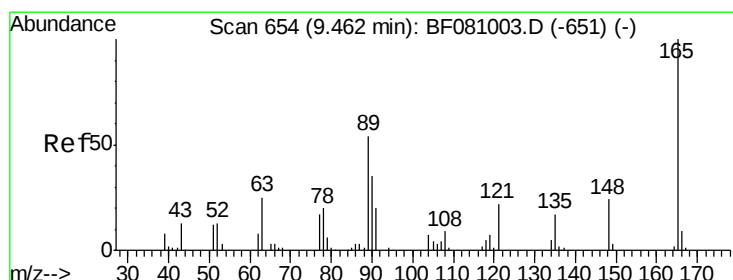
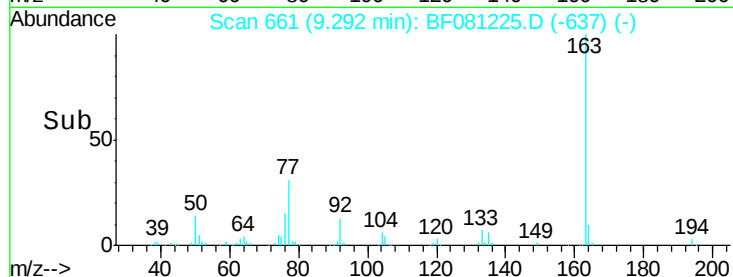
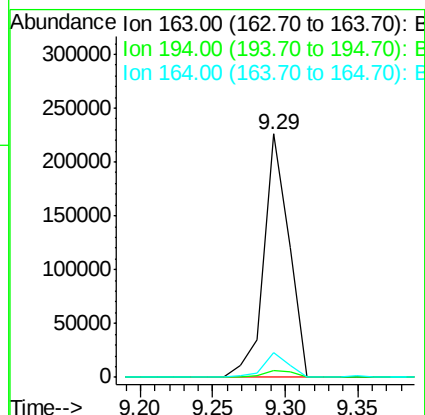
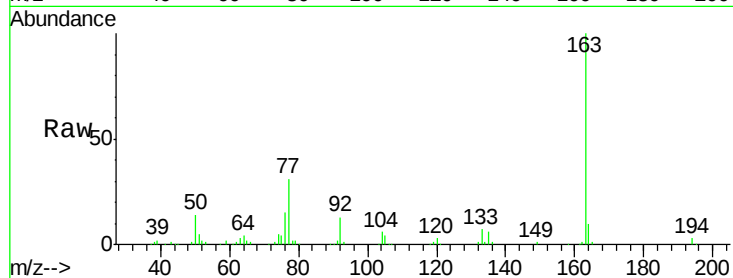




#49
Dimethylphthalate
Concen: 34.97 ng
RT: 9.29 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

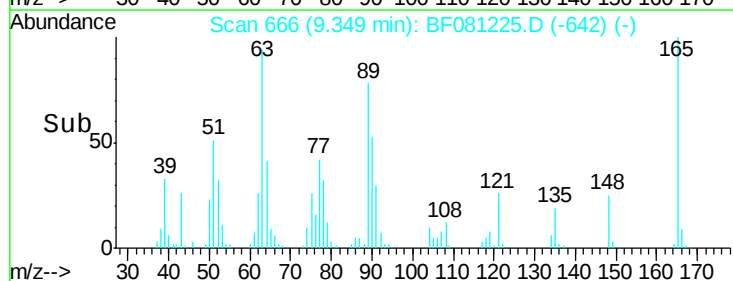
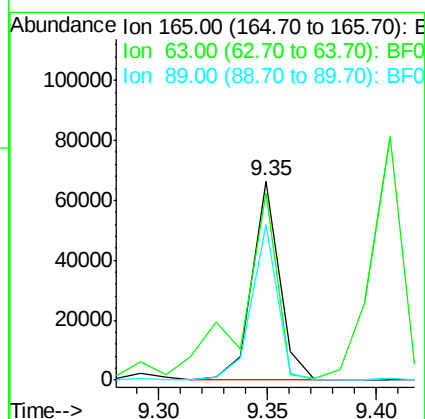
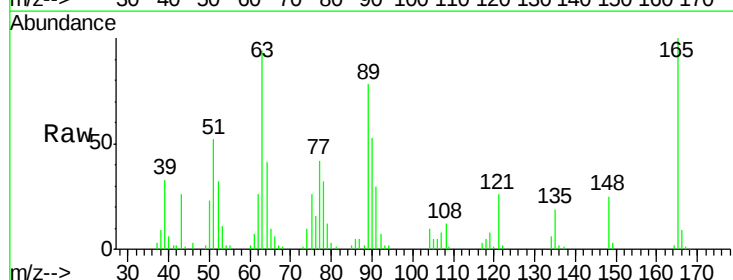
Instrument :
BNA_F
ClientSampleId :

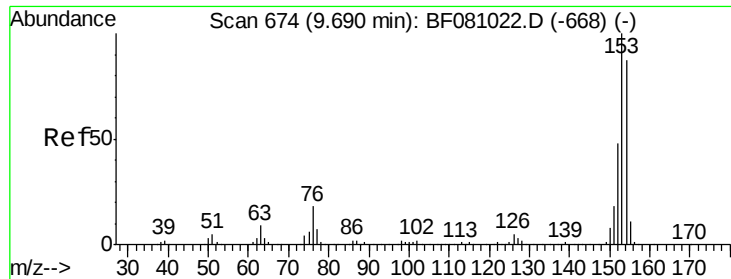
Tot Ion:163 Resp: 270157
Ion Ratio Lower Upper
163 100
194 3.1 2.5 3.7
164 10.3 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 35.01 ng
RT: 9.35 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Tgt Ion:165 Resp: 58066
Ion Ratio Lower Upper
165 100
63 94.0 49.5 74.3#
89 78.2 47.6 71.4#





#51

Acenaphthene

Concen: 32.49 ng

RT: 9.58 min Scan# 686

Delta R.T. -0.04 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

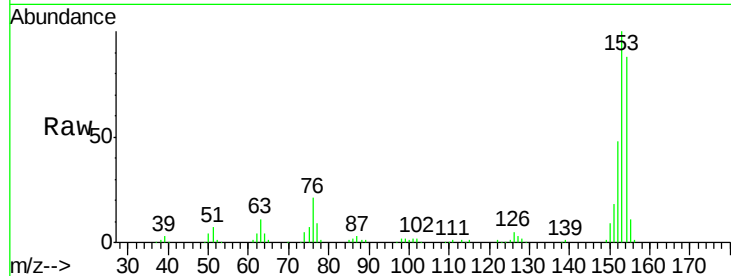
Tot Ion:154 Resp: 230953

Ion Ratio Lower Upper

154 100

153 113.2 91.4 137.2

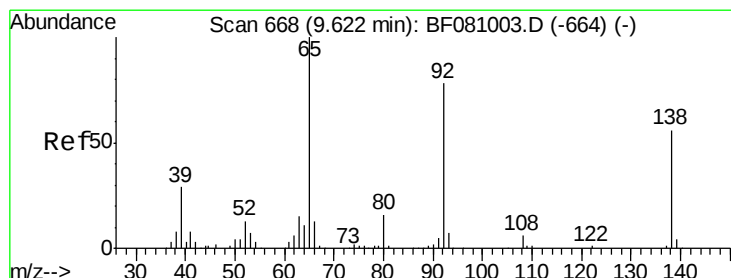
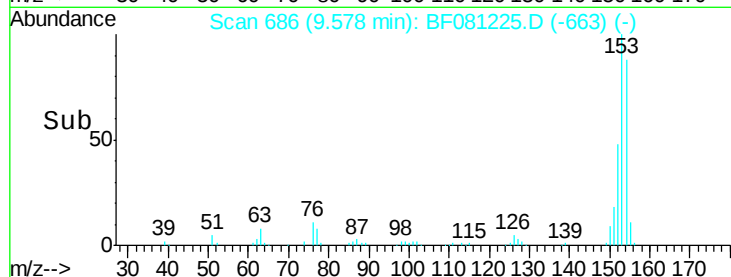
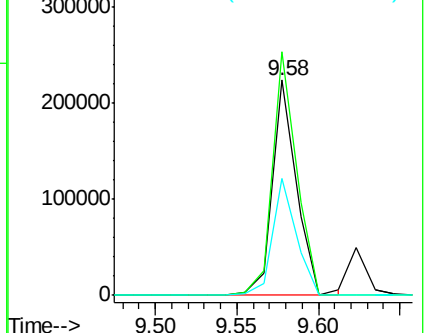
152 54.6 43.7 65.5



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: 22.46 ng

RT: 9.51 min Scan# 680

Delta R.T. -0.04 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

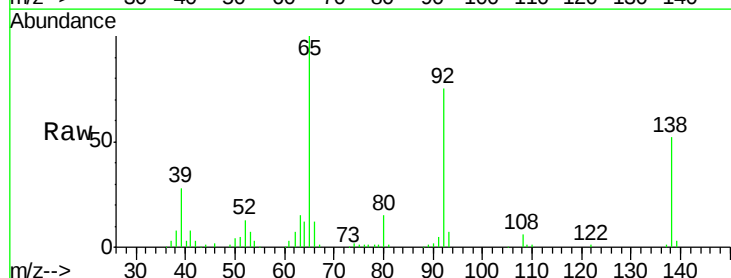
Tgt Ion:138 Resp: 46619

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.2

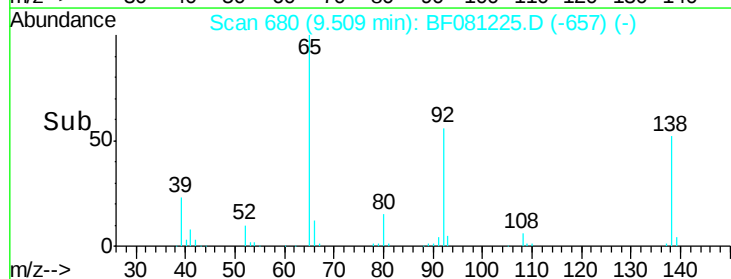
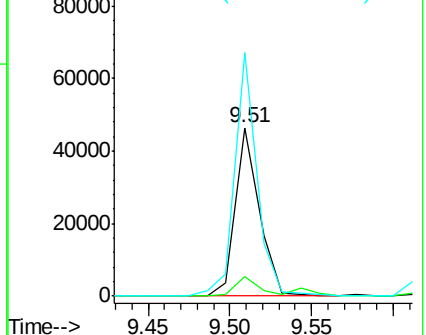
92 144.7 113.2 169.8

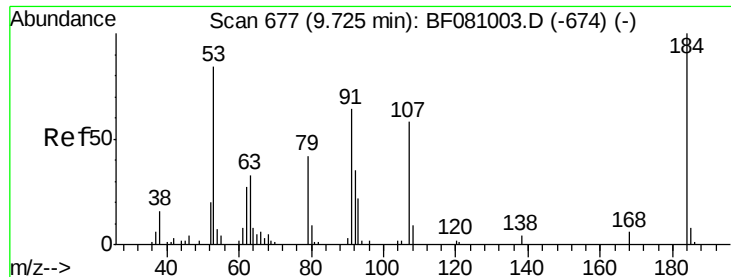


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

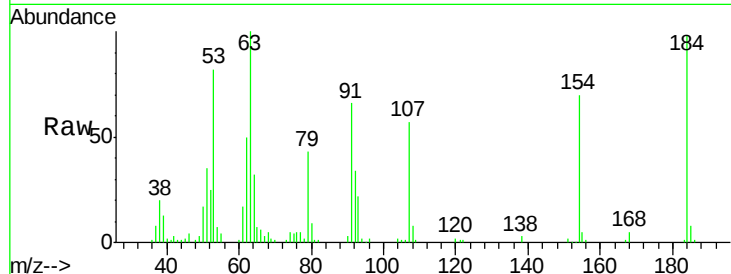




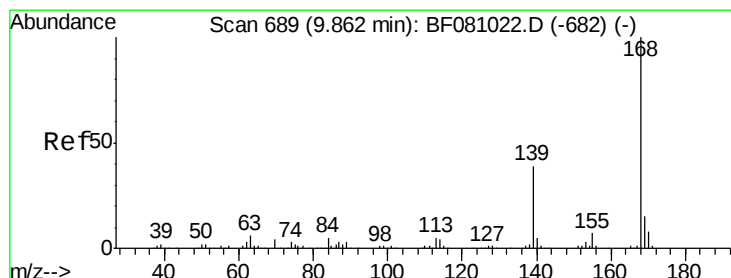
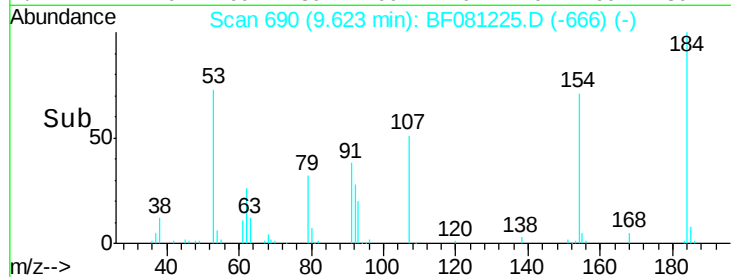
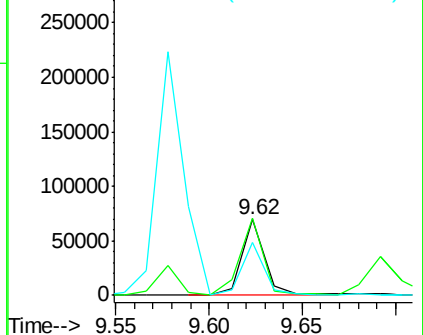
#53
2,4-Dinitrophenol
Concen: 67.82 ng
RT: 9.62 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 60519
Ion Ratio Lower Upper
184 100
63 101.9 101.7 152.5
154 70.9 67.4 101.0

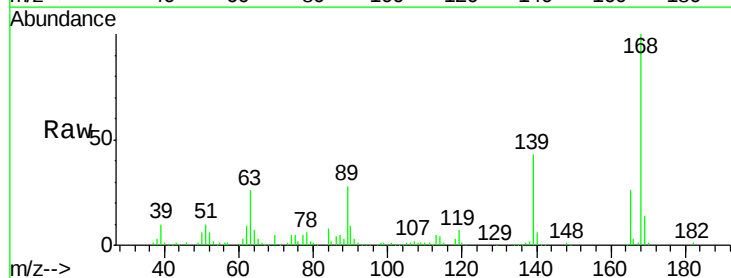


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

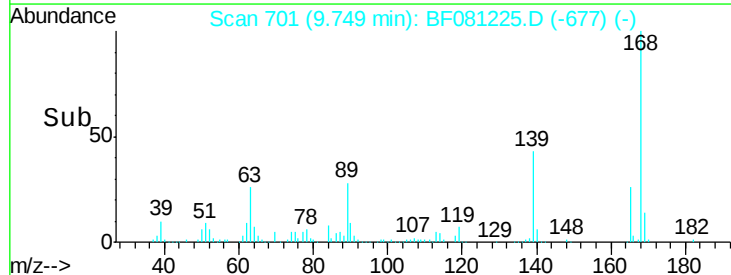
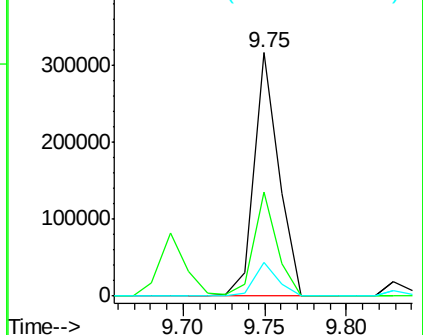


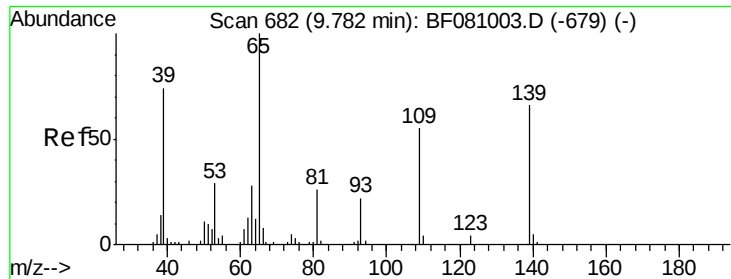
#54
Dibenzofuran
Concen: 34.90 ng
RT: 9.75 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Tgt Ion:168 Resp: 332391
Ion Ratio Lower Upper
168 100
139 42.5 29.3 43.9
169 14.0 10.3 15.5



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

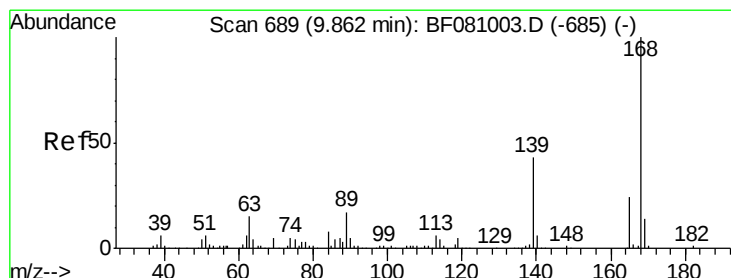
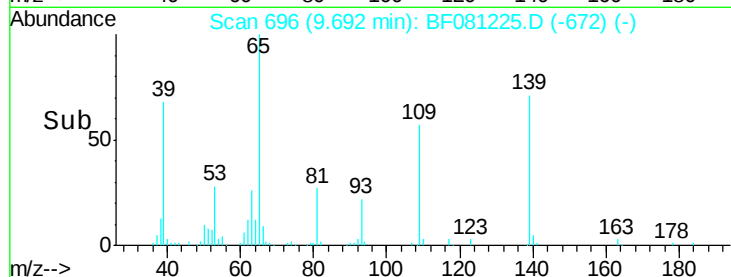
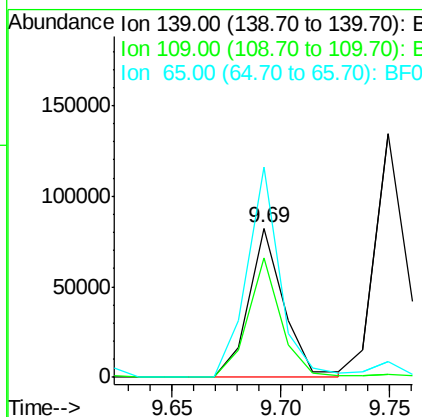
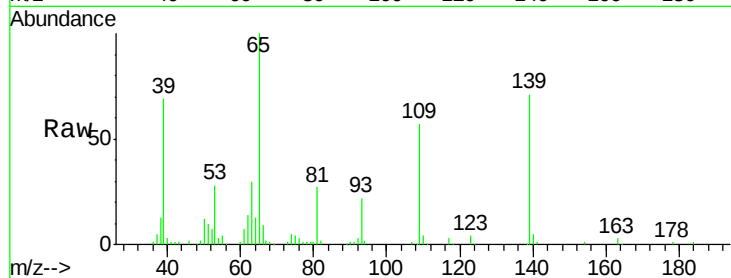




#55
4-Nitrophenol
Concen: 64.18 ng
RT: 9.69 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

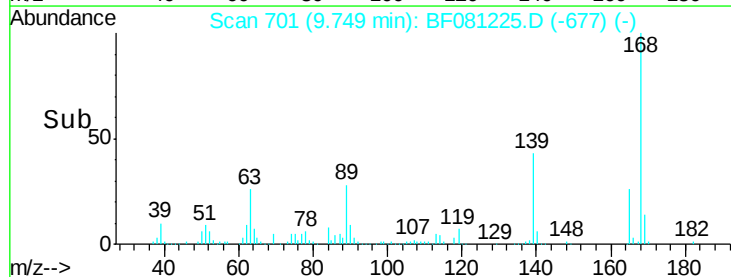
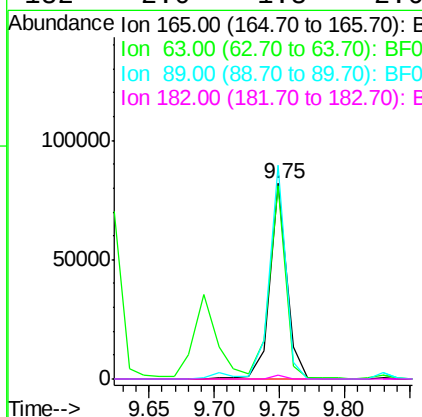
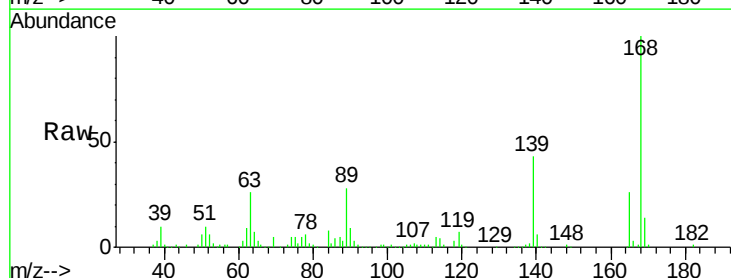
Instrument :
BNA_F
ClientSampleId :

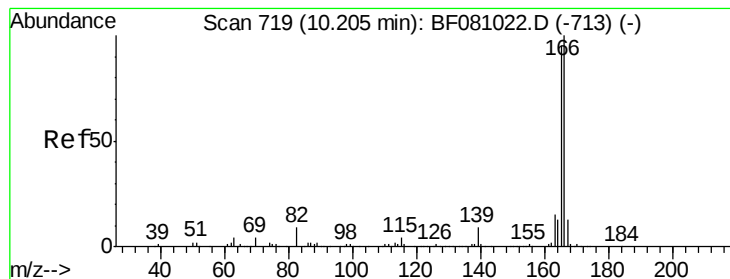
Tot Ion:139 Resp: 93552
Ion Ratio Lower Upper
139 100
109 79.9 80.0 120.0#
65 141.2 138.3 178.3



#56
2,4-Dinitrotoluene
Concen: 34.03 ng
RT: 9.75 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Tgt Ion:165 Resp: 74808
Ion Ratio Lower Upper
165 100
63 99.2 52.2 78.4#
89 109.4 60.1 90.1#
182 2.0 1.8 2.6





#57

Fluorene

Concen: 37.26 ng

RT: 10.09 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

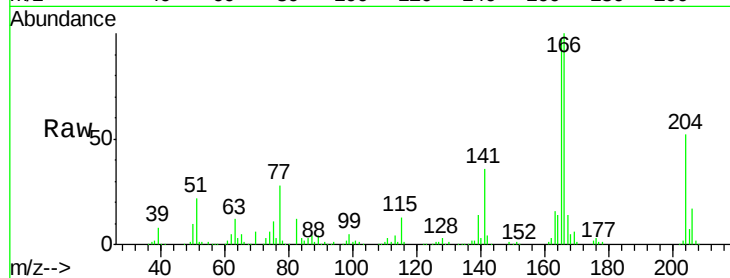
Tot Ion:166 Resp: 273040

Ion Ratio Lower Upper

166 100

165 96.6 75.8 113.8

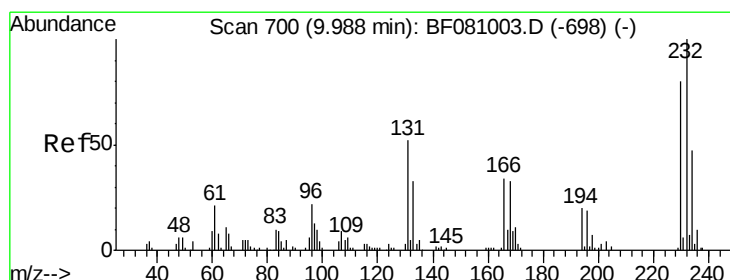
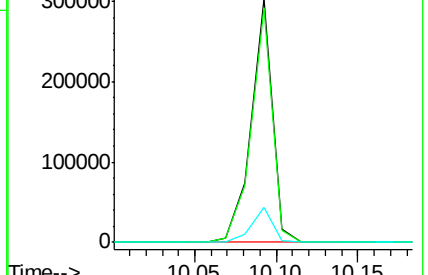
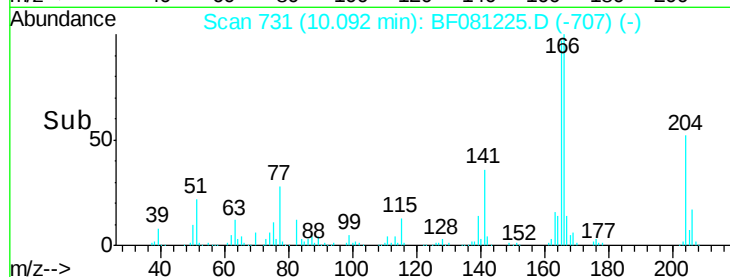
167 14.1 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.19 ng

RT: 9.83 min Scan# 708

Delta R.T. -0.07 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Tgt Ion:232 Resp: 63160

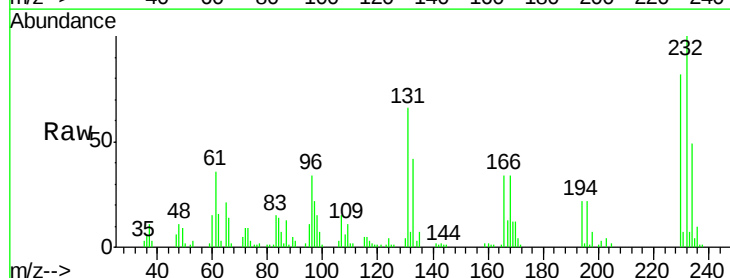
Ion Ratio Lower Upper

232 100

131 51.5 42.2 63.4

130 2.9 2.1 3.1

166 28.4 22.4 33.6

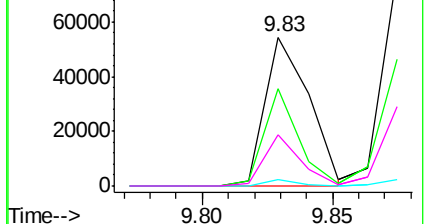
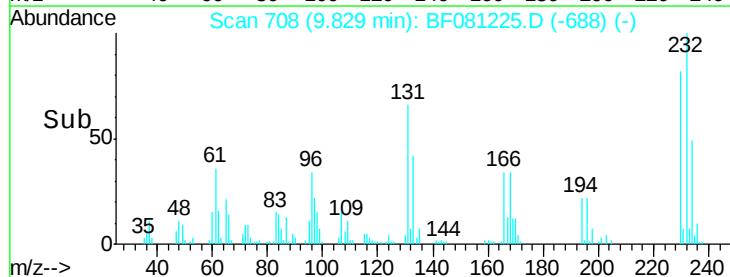


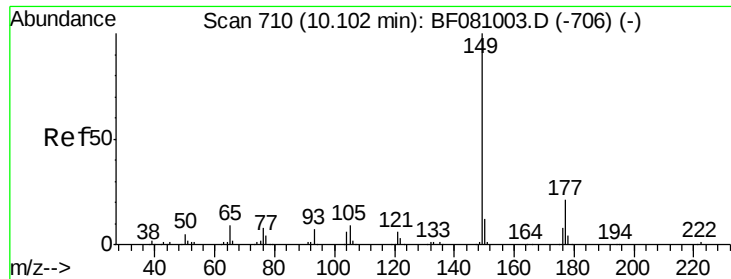
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

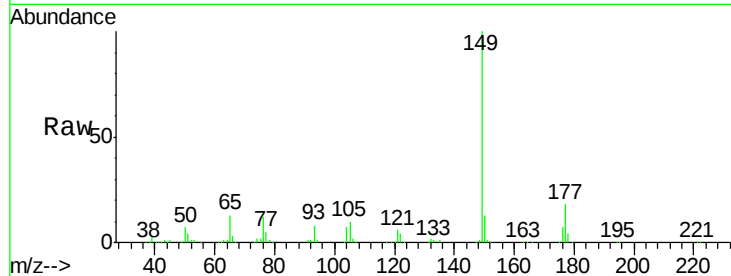




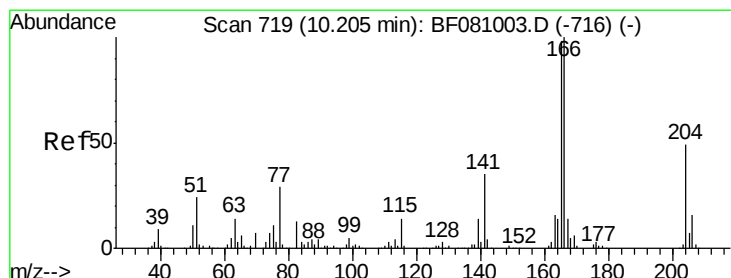
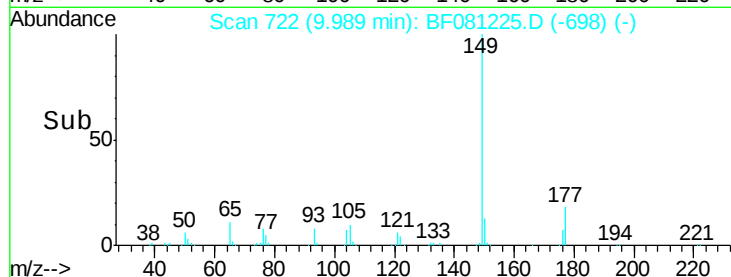
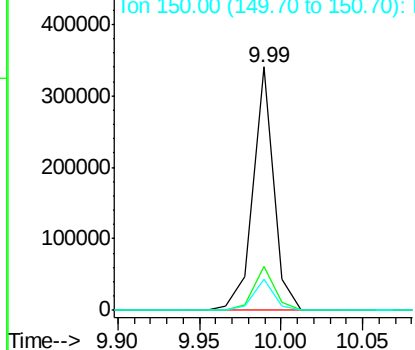
#59
Diethylphthalate
Concen: 36.79 ng
RT: 9.99 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 300839
Ion Ratio Lower Upper
149 100
177 18.2 14.1 21.1
150 12.7 10.3 15.5

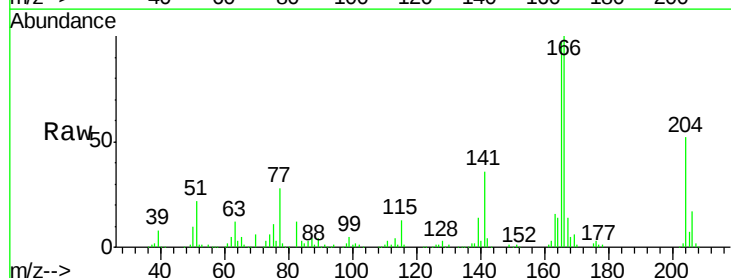


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

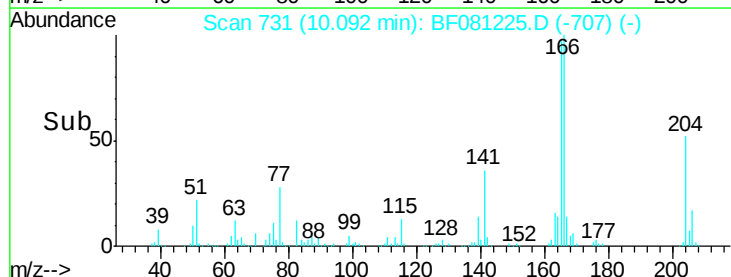
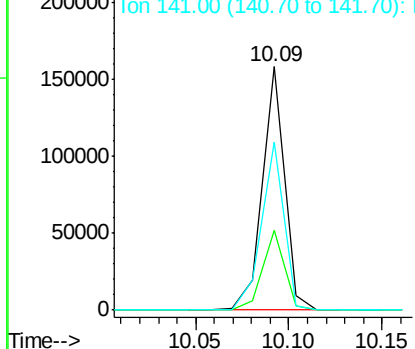


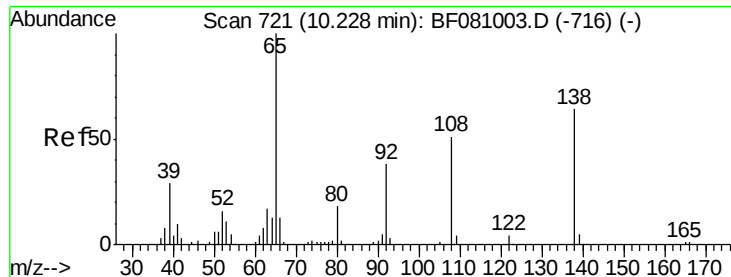
#60
4-Chlorophenyl-phenylether
Concen: 41.51 ng
RT: 10.09 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Tgt Ion:204 Resp: 128717
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 68.9 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

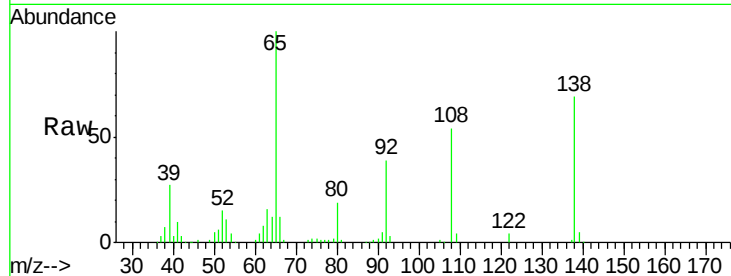




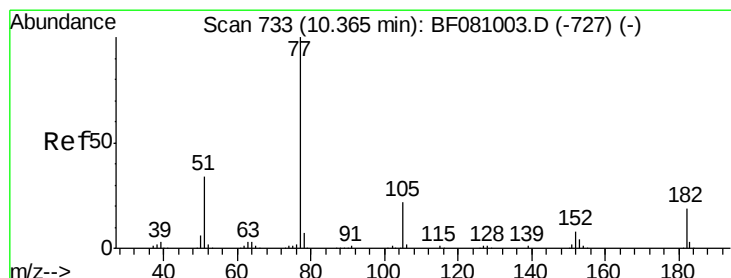
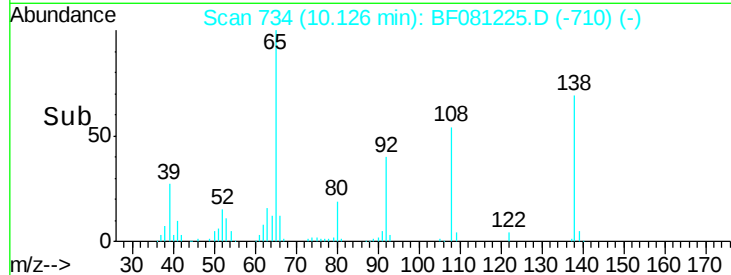
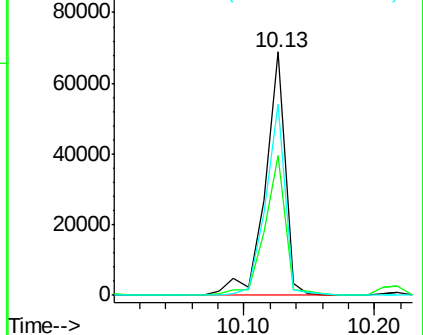
#61
4-Nitroaniline
Concen: 34.99 ng
RT: 10.13 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 74230
Ion Ratio Lower Upper
138 100
92 57.3 34.7 74.7
108 78.7 68.9 108.9

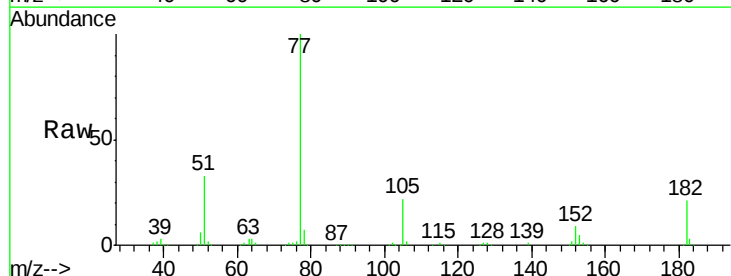


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

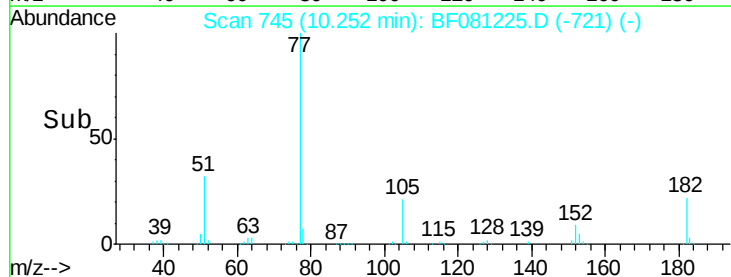
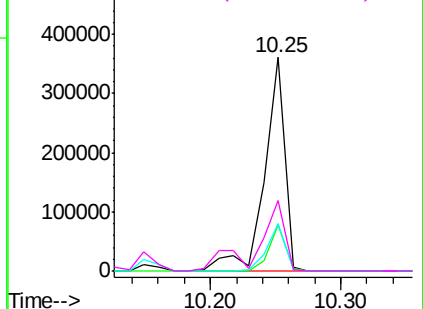


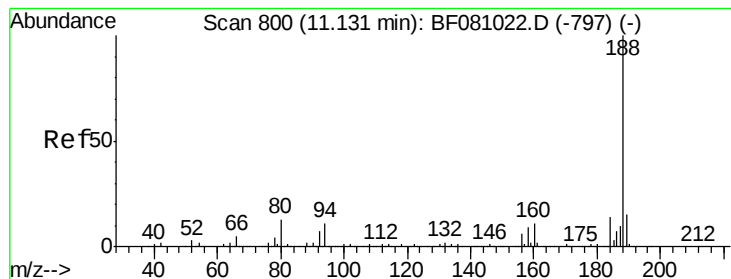
#62
Azobenzene
Concen: 41.77 ng
RT: 10.25 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Tgt Ion: 77 Resp: 393518
Ion Ratio Lower Upper
77 100
182 21.3 0.0 39.0
105 22.2 0.2 40.2
51 32.8 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: 11.02 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

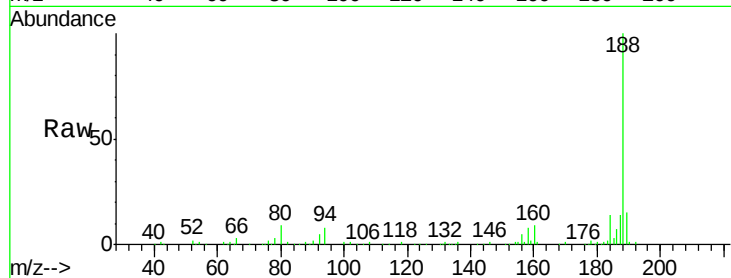
Tot Ion:188 Resp: 191886

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

80 8.6 9.5 14.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

250000

200000

150000

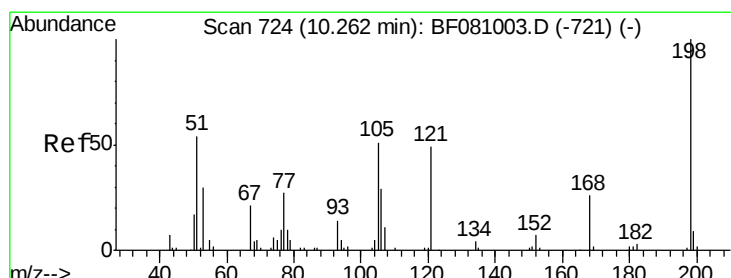
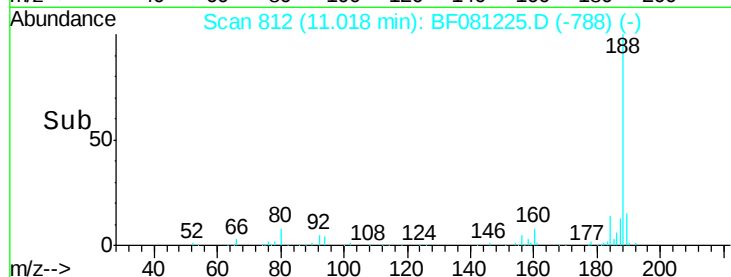
100000

50000

0

11.02

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 36.75 ng

RT: 10.16 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

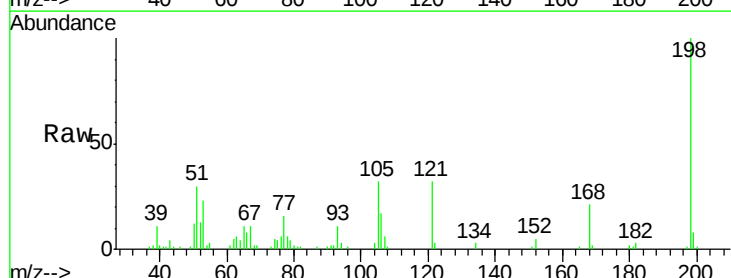
Tgt Ion:198 Resp: 42115

Ion Ratio Lower Upper

198 100

51 29.7 79.7 119.7#

105 32.4 47.0 87.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

150000

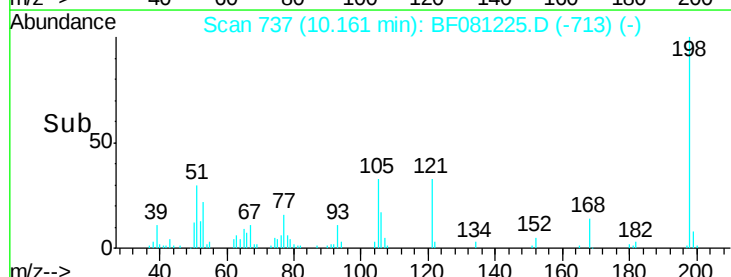
100000

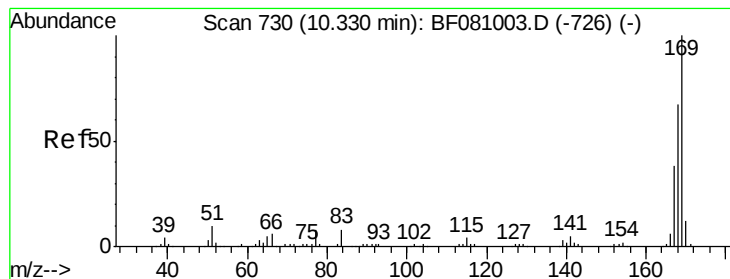
50000

0

10.16

Time-->

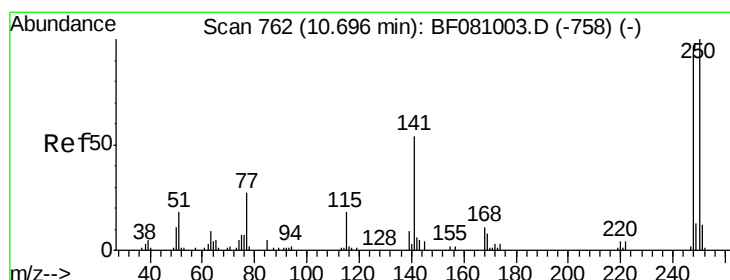
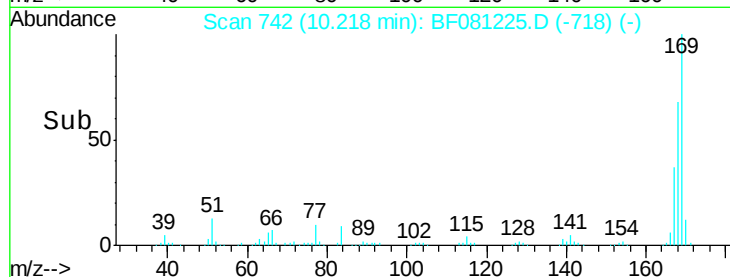
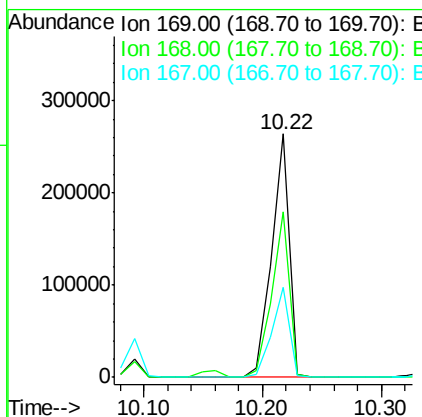
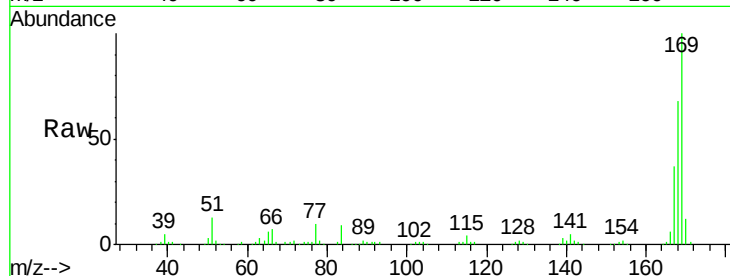




#65
 n-Nitrosodiphenylamine
 Concen: 39.96 ng
 RT: 10.22 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

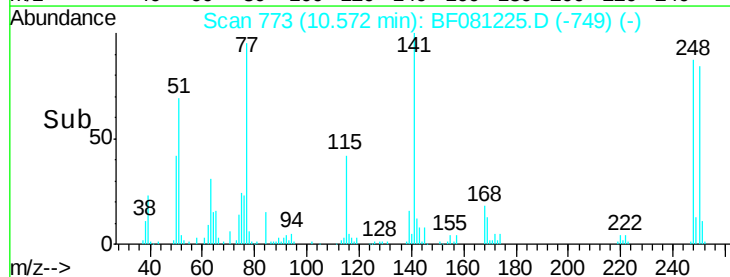
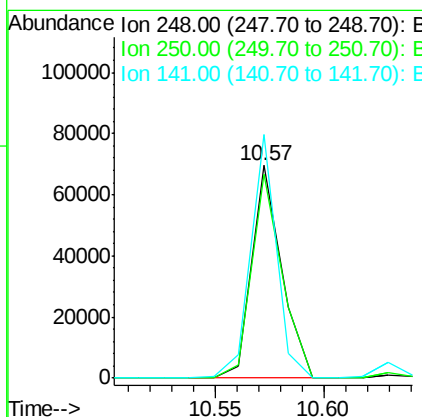
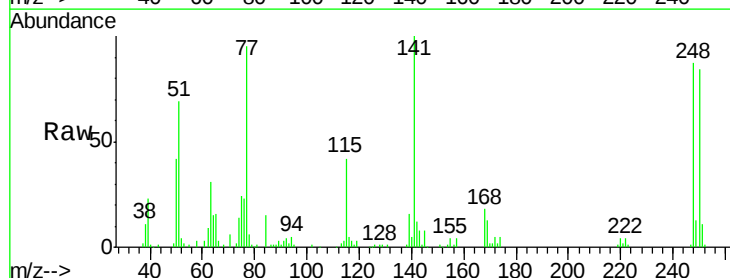
Instrument :
 BNA_F
 ClientSampleId :

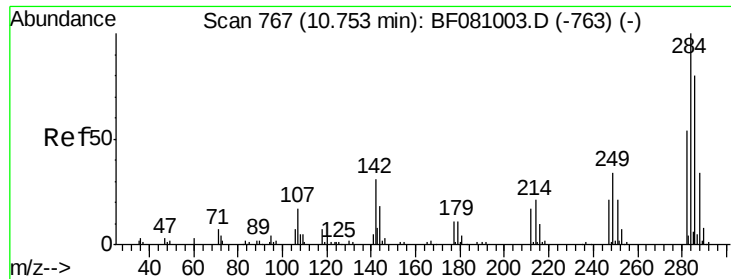
Tot Ion:169 Resp: 273728
 Ion Ratio Lower Upper
 169 100
 168 68.1 55.3 82.9
 167 36.9 30.8 46.2



#66
 4-Bromophenyl-phenylether
 Concen: 35.16 ng
 RT: 10.57 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Tgt Ion:248 Resp: 66287
 Ion Ratio Lower Upper
 248 100
 250 96.1 77.8 116.6
 141 114.6 39.8 59.6#

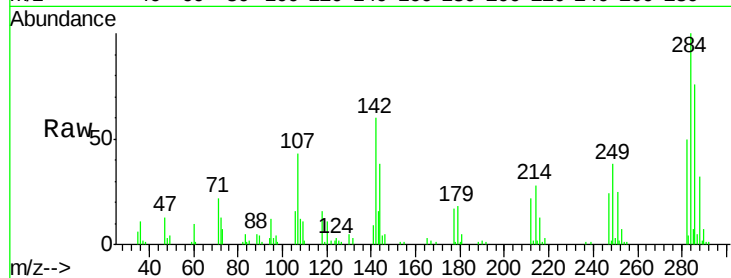




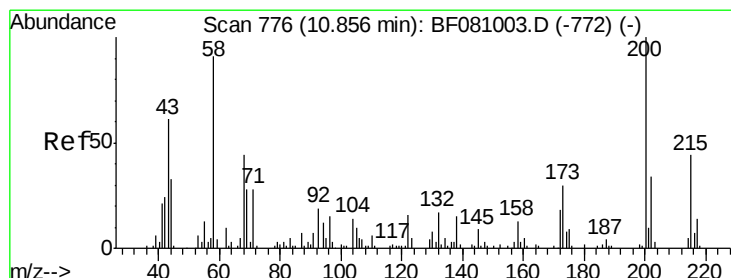
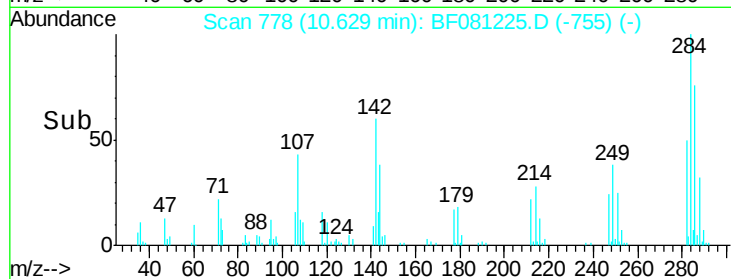
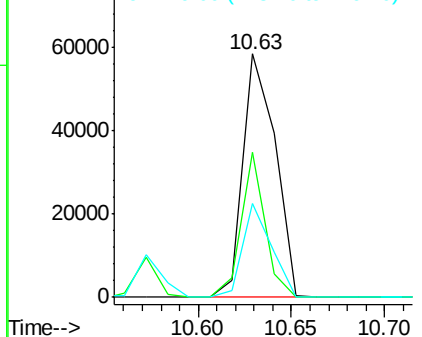
#67
Hexachlorobenzene
Concen: 36.65 ng
RT: 10.63 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 69975
Ion Ratio Lower Upper
284 100
142 59.7 25.4 38.0#
249 38.5 28.5 42.7

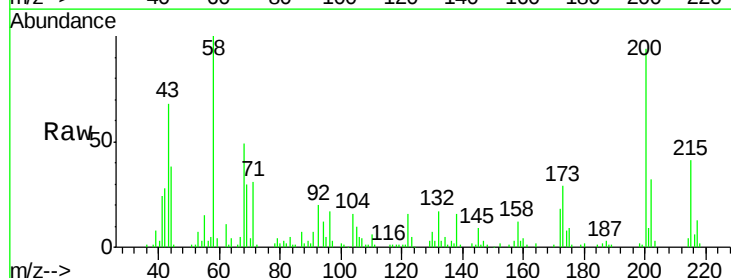


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

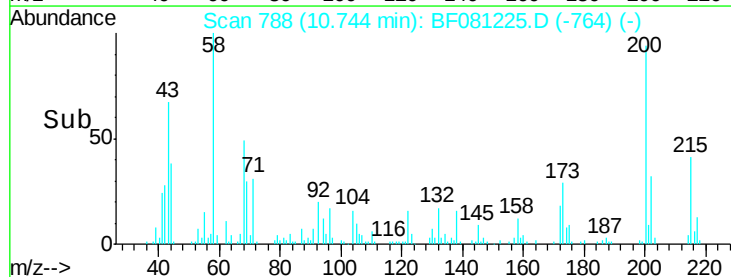
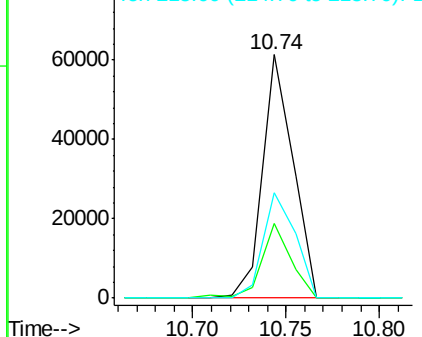


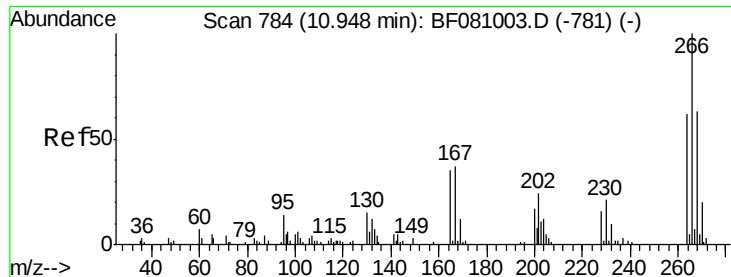
#68
Atrazine
Concen: 36.25 ng
RT: 10.74 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Tgt Ion:200 Resp: 69178
Ion Ratio Lower Upper
200 100
173 30.5 8.1 48.1
215 43.2 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

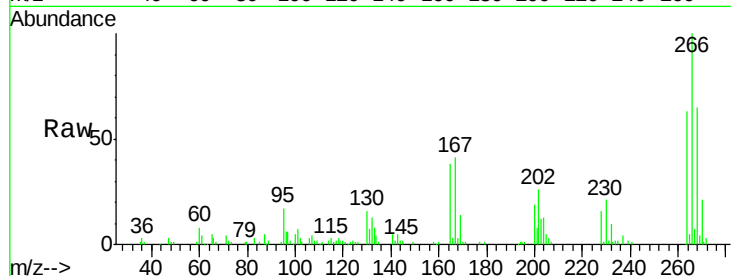




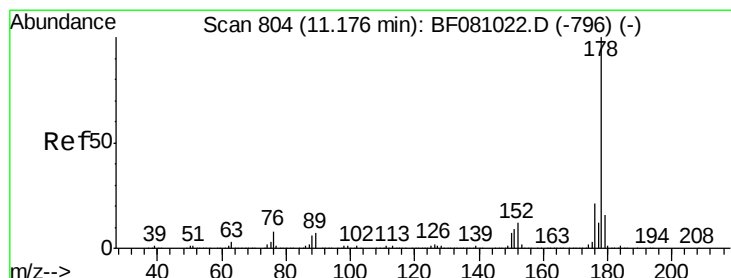
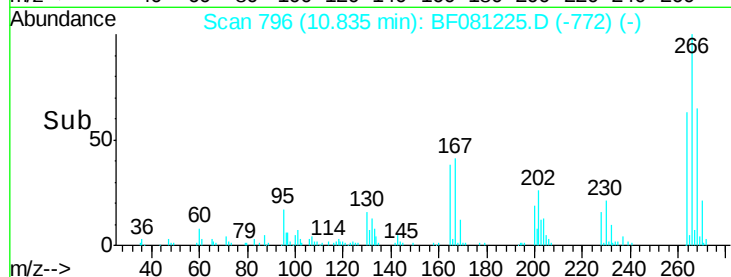
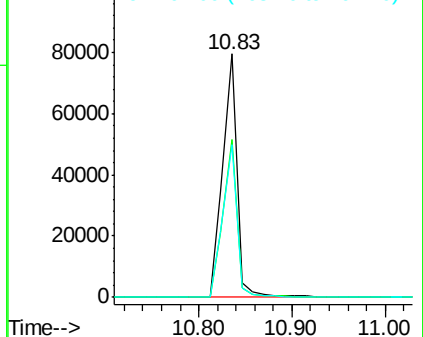
#69
 Pentachlorophenol
 Concen: 74.21 ng
 RT: 10.83 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 84998
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.2 76.8
 264 62.9 50.6 75.8

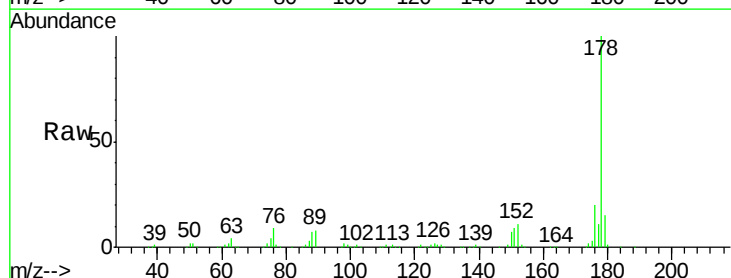


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

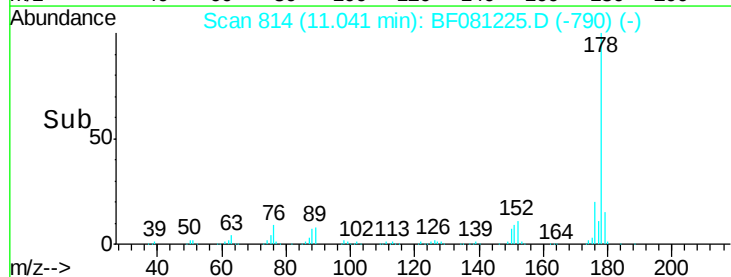
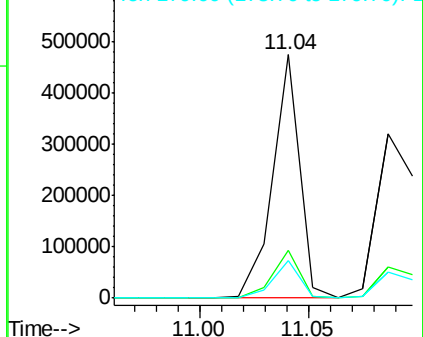


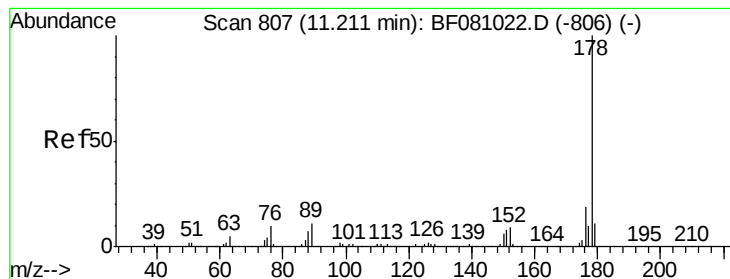
#70
 Phenanthrene
 Concen: 36.59 ng
 RT: 11.04 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Tgt Ion:178 Resp: 416133
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 15.3 12.2 18.2



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





#71

Anthracene

Concen: 36.11 ng

RT: 11.09 min Scan# 818

Delta R.T. -0.04 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

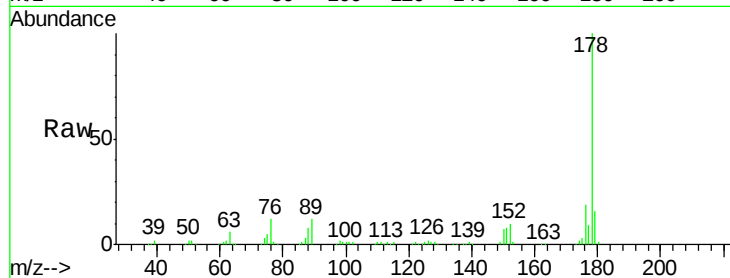
Tot Ion:178 Resp: 399577

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

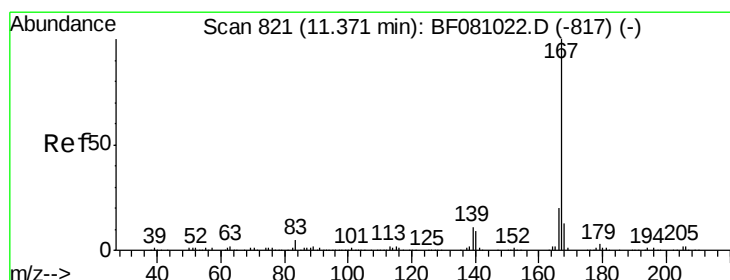
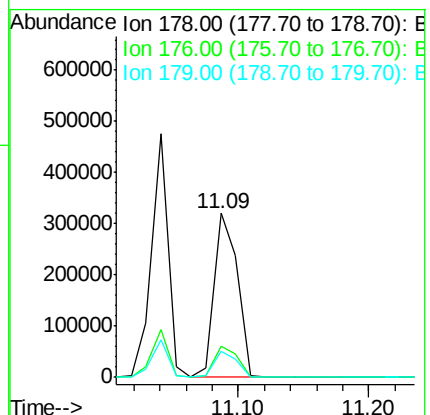
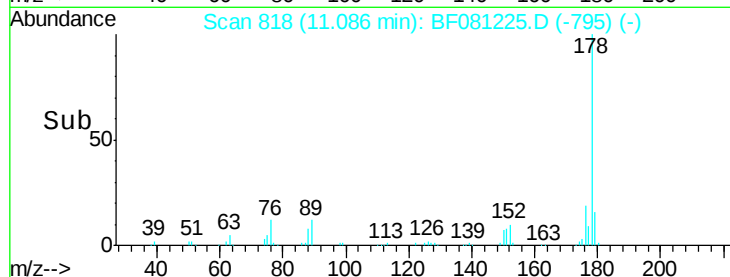
179 15.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.14 ng

RT: 11.25 min Scan# 832

Delta R.T. -0.04 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

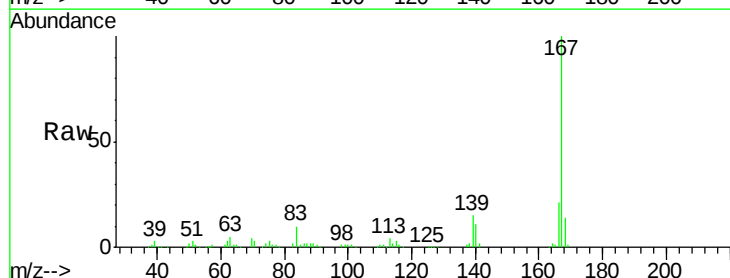
Tgt Ion:167 Resp: 385025

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

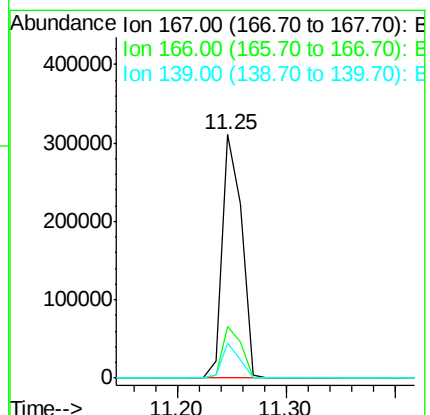
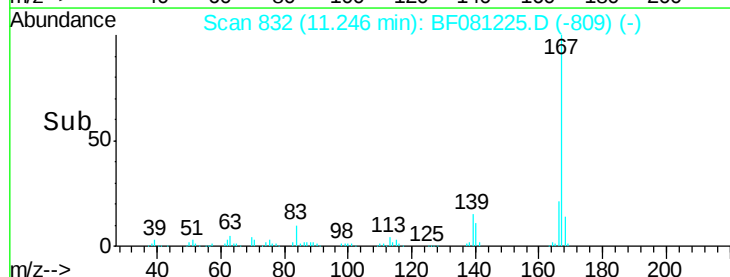
139 14.6 10.6 16.0

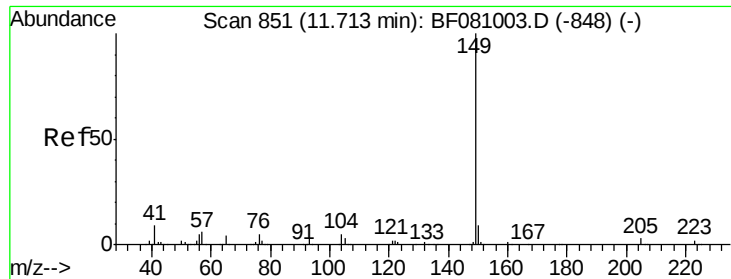


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.75 ng

RT: 11.60 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

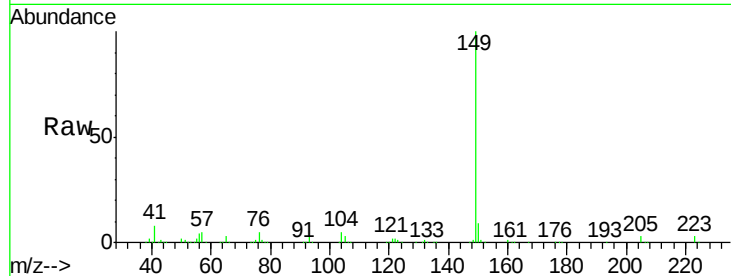
Tot Ion:149 Resp: 512423

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

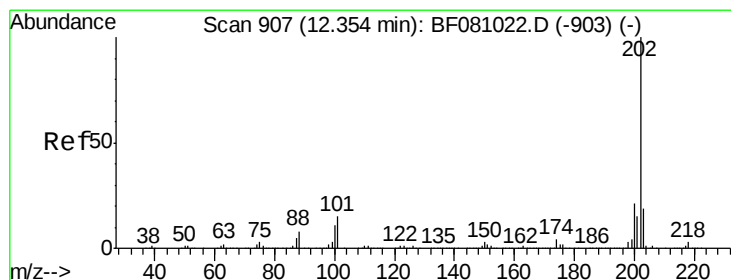
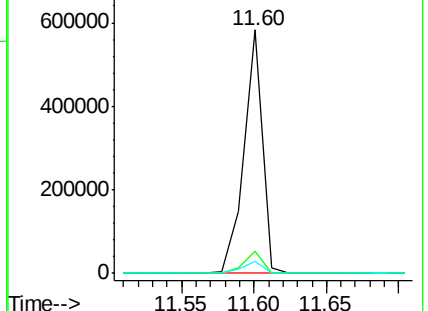
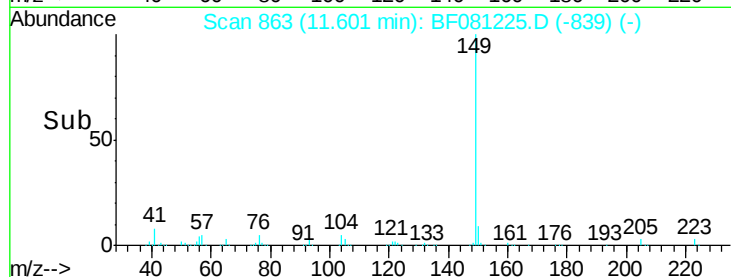
104 4.8 3.9 5.9



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: 37.83 ng

RT: 12.22 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

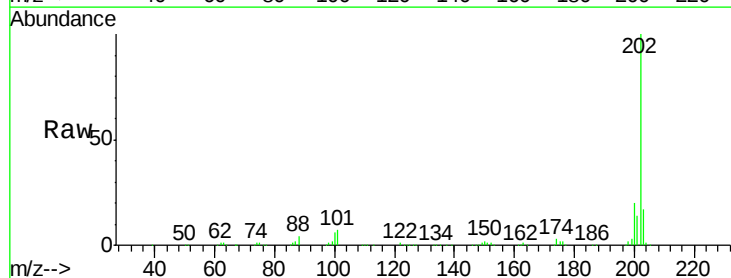
Tgt Ion:202 Resp: 464249

Ion Ratio Lower Upper

202 100

101 7.4 0.0 24.8

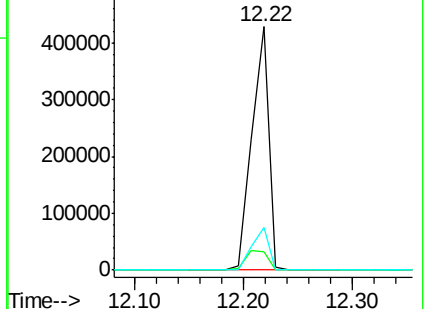
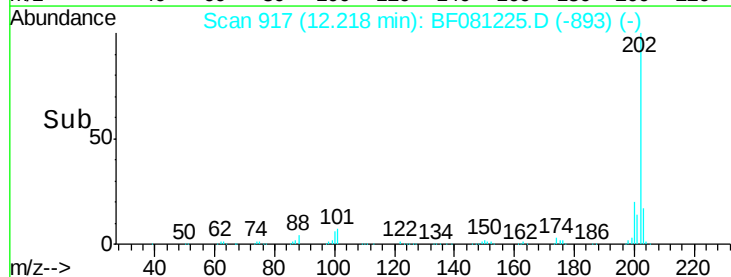
203 17.4 0.0 36.9

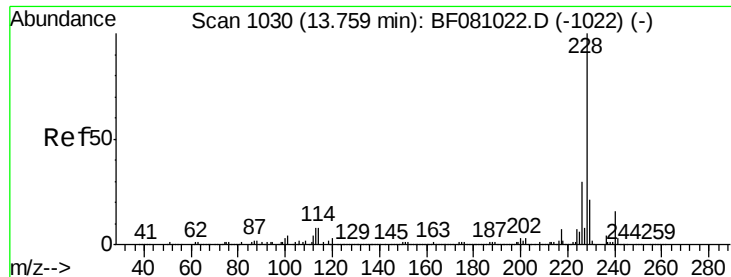


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.64 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

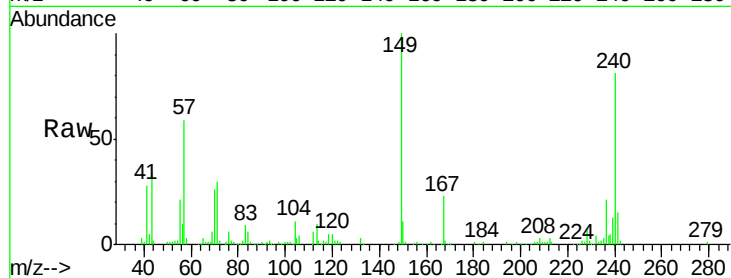
Tot Ion:240 Resp: 143427

Ion Ratio Lower Upper

240 100

120 6.2 5.6 8.4

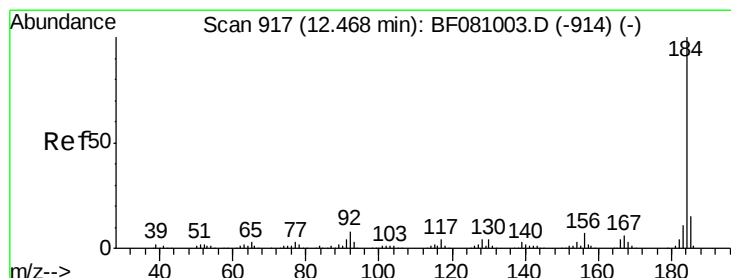
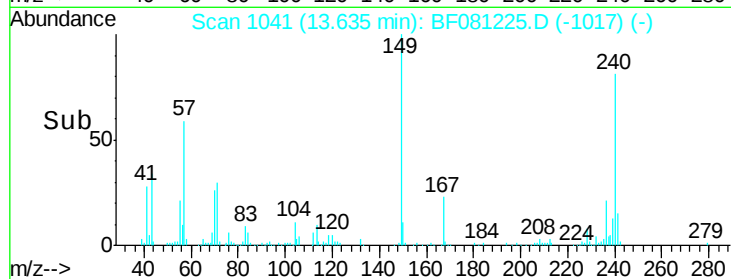
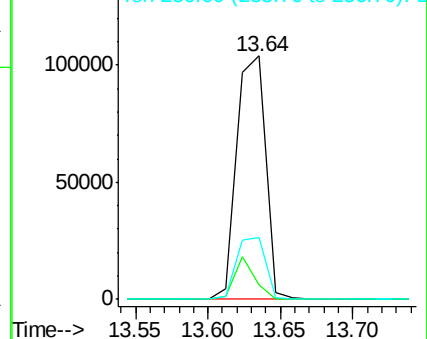
236 25.4 20.6 30.8



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: 37.95 ng

RT: 12.34 min Scan# 928

Delta R.T. -0.04 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

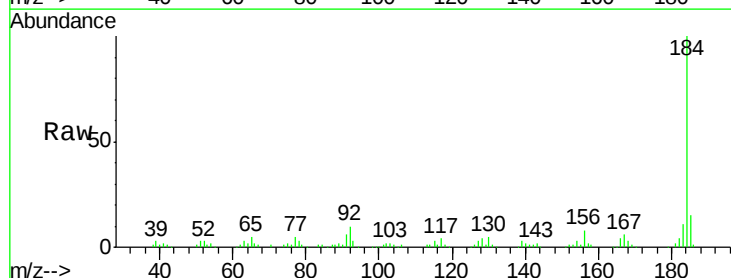
Tgt Ion:184 Resp: 205604

Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

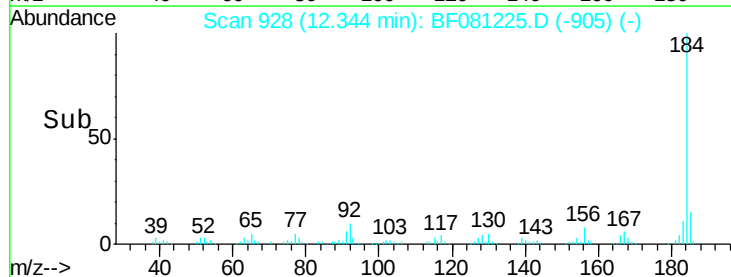
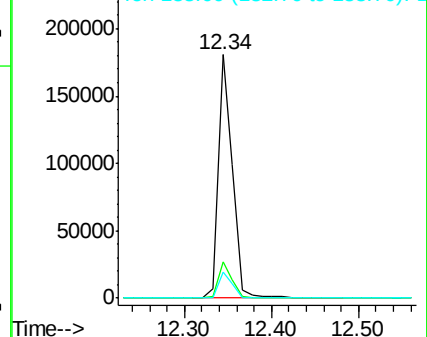
183 10.8 8.9 13.3

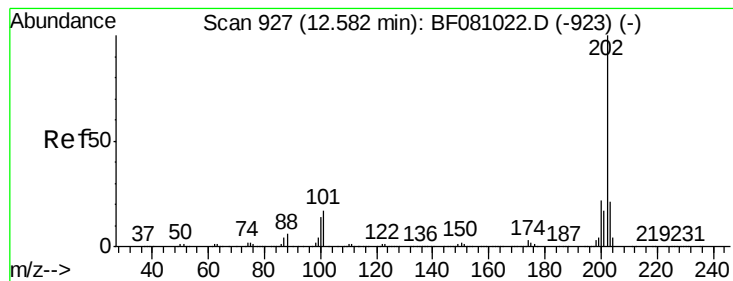


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.37 ng

RT: 12.44 min Scan# 936

Delta R.T. -0.04 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

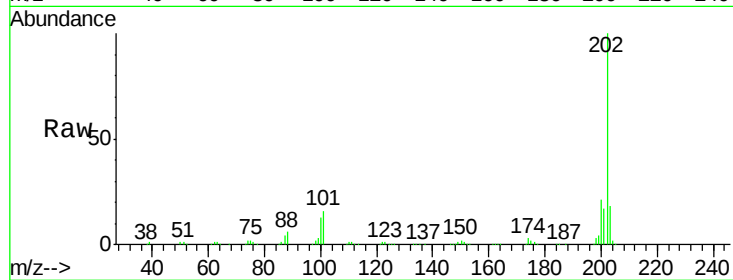
Tot Ion:202 Resp: 424113

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

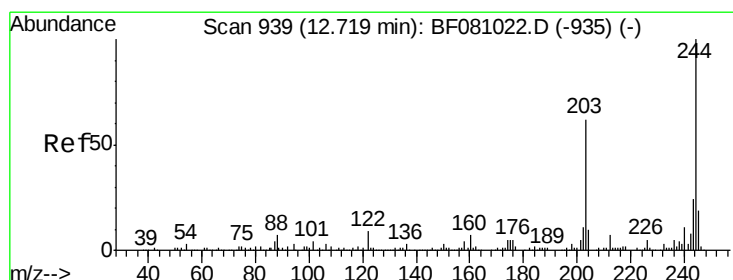
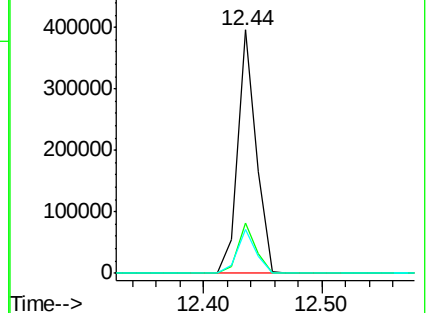
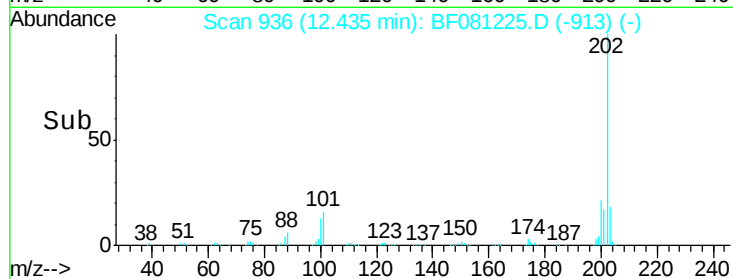
203 18.1 14.1 21.1



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: 67.99 ng

RT: 12.60 min Scan# 950

Delta R.T. -0.04 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

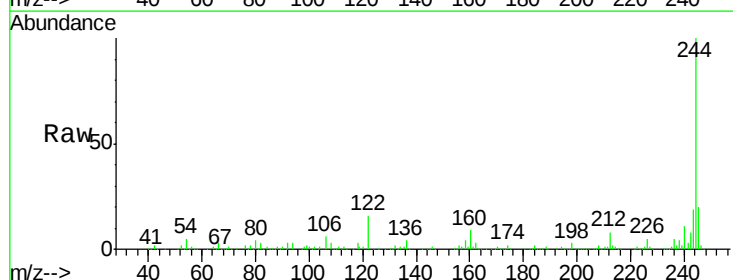
Tgt Ion:244 Resp: 454894

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

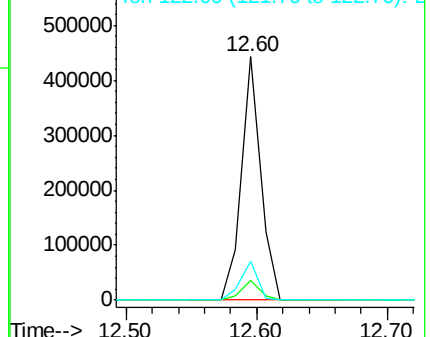
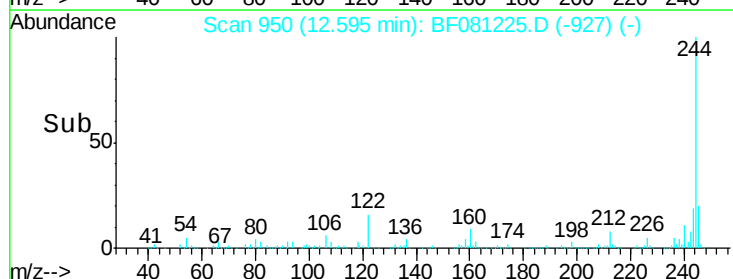
122 15.8 8.2 12.4#

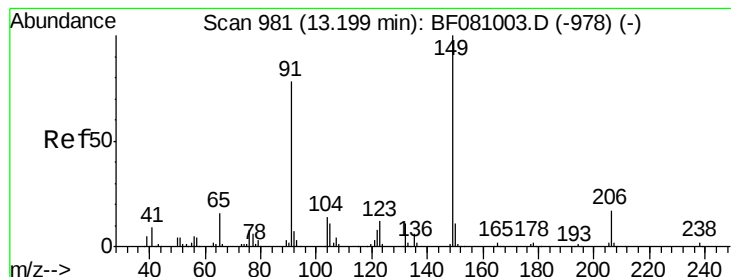


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.89 ng

RT: 13.08 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

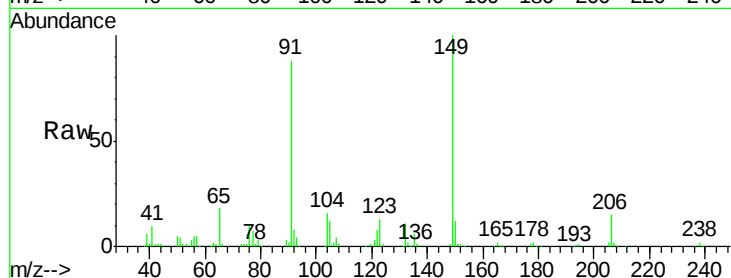
Tot Ion:149 Resp: 194911

Ion Ratio Lower Upper

149 100

91 87.6 46.9 70.3#

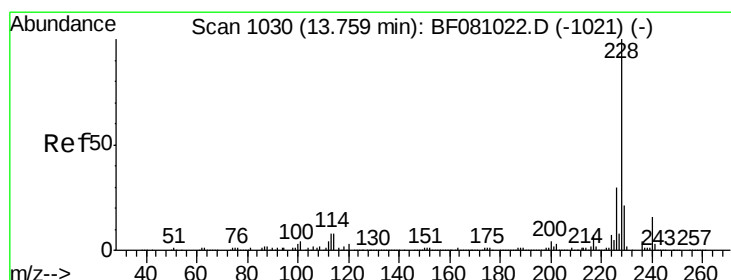
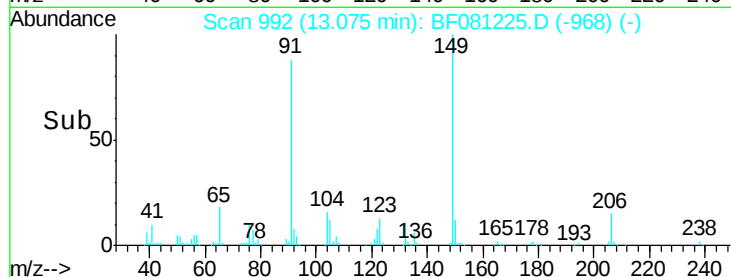
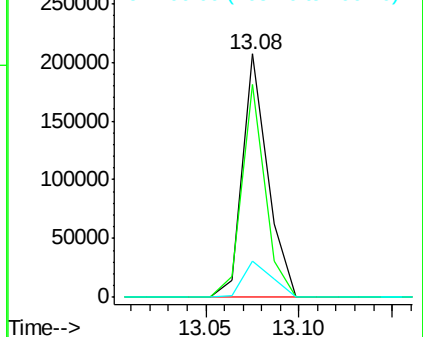
206 14.8 17.0 25.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.71 ng

RT: 13.61 min Scan# 1039

Delta R.T. -0.04 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

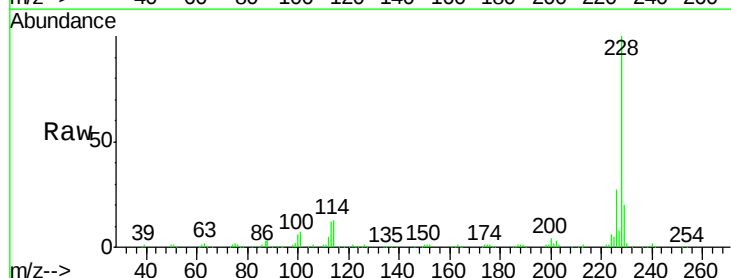
Tgt Ion:228 Resp: 381929

Ion Ratio Lower Upper

228 100

226 27.0 22.3 33.5

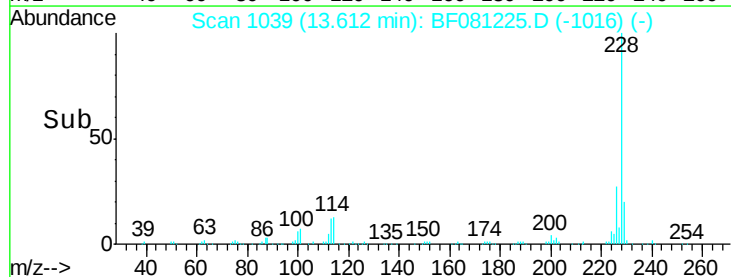
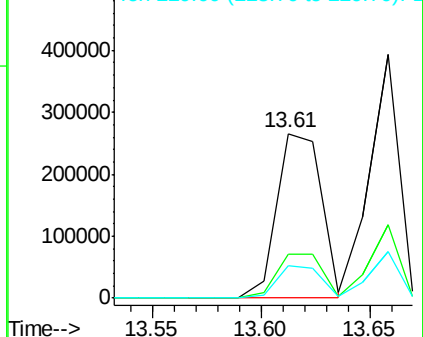
229 19.6 15.9 23.9

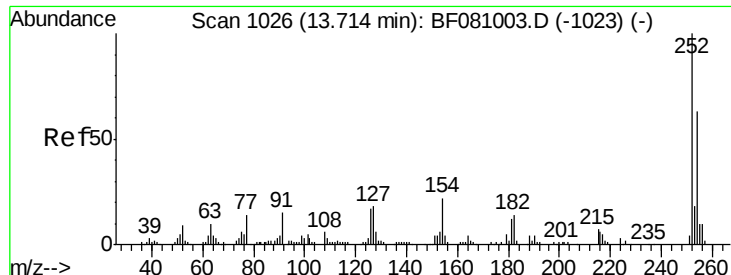


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

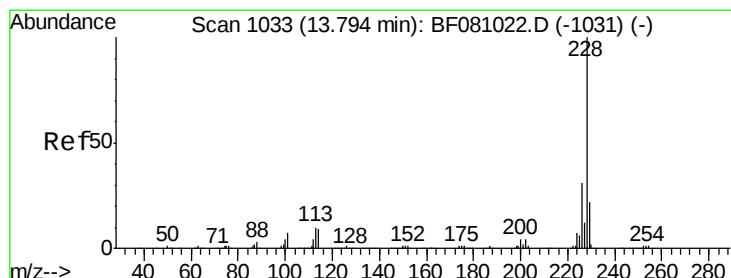
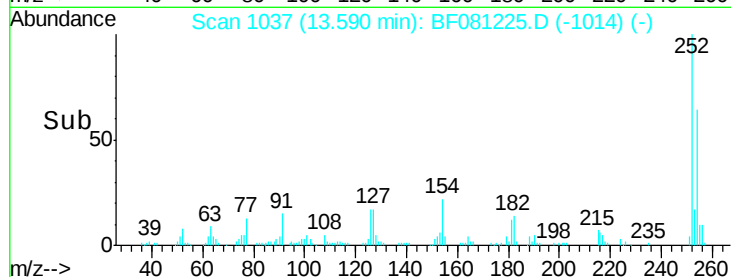
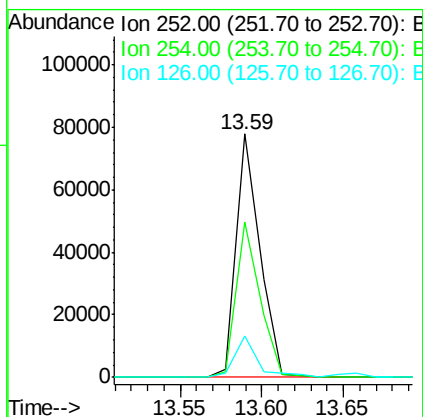
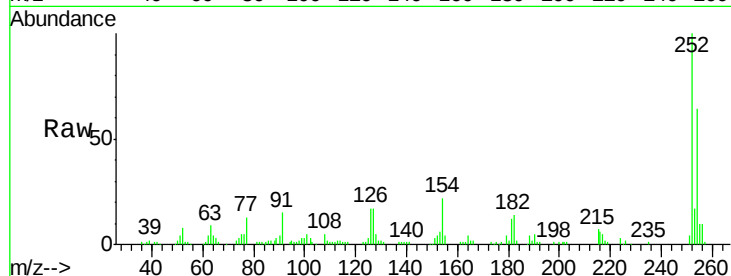




#81
 3,3'-Dichlorobenzidine
 Concen: 25.00 ng
 RT: 13.59 min Scan# 1037
 Delta R.T. -0.04 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

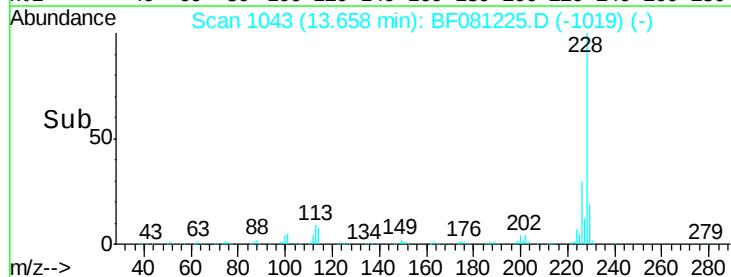
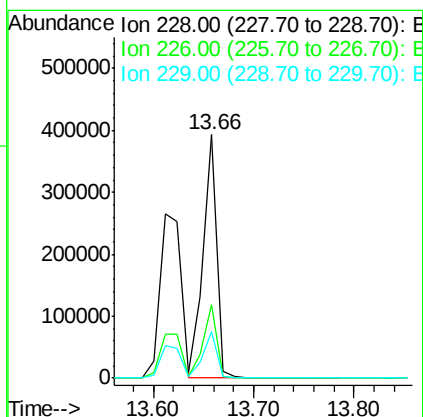
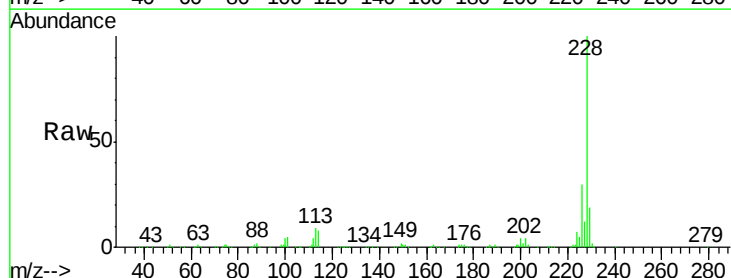
Instrument :
 BNA_F
 ClientSampleId :

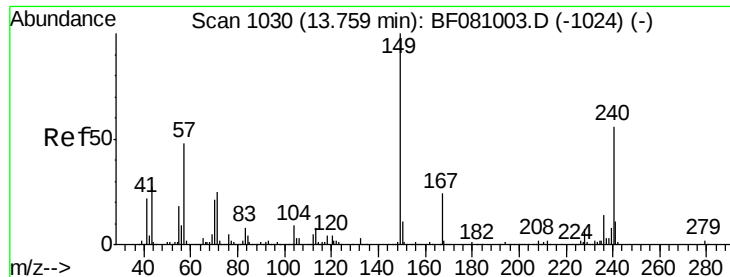
Tot Ion:252 Resp: 77903
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.5 77.3
 126 16.9 12.5 18.7



#82
 Chrysene
 Concen: 42.88 ng
 RT: 13.66 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Tgt Ion:228 Resp: 371687
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.4 36.6
 229 19.3 16.0 24.0

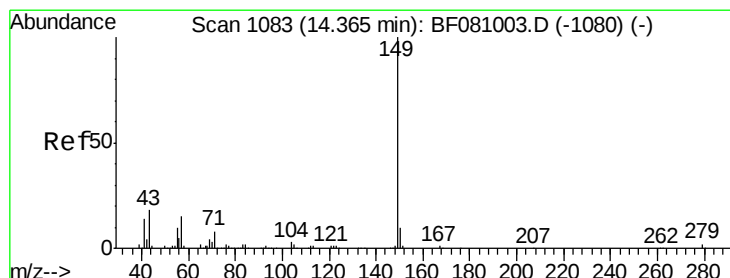
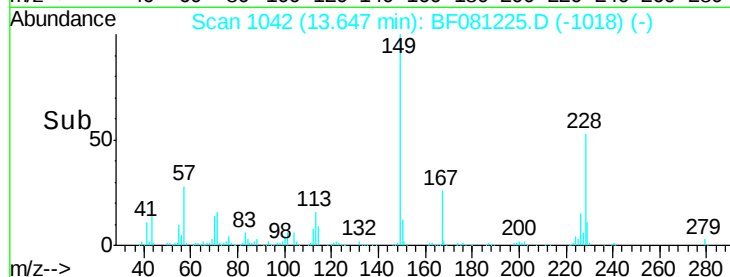
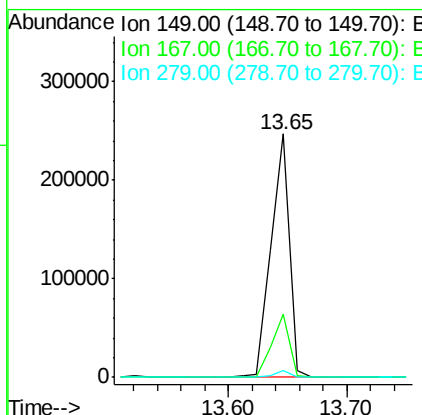
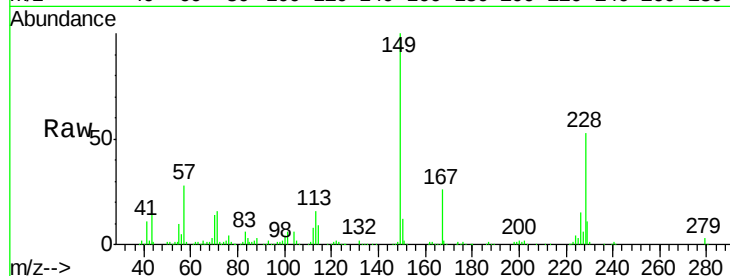




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.39 ng
 RT: 13.65 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

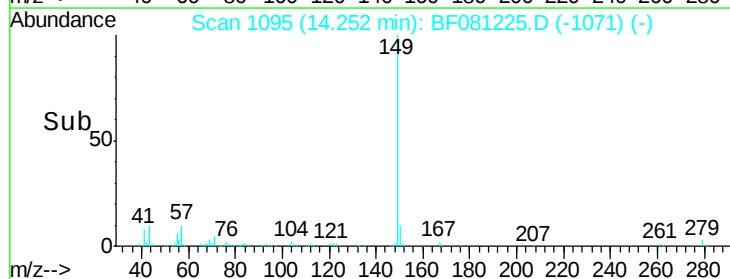
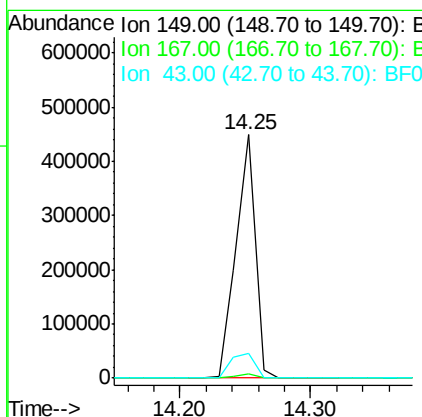
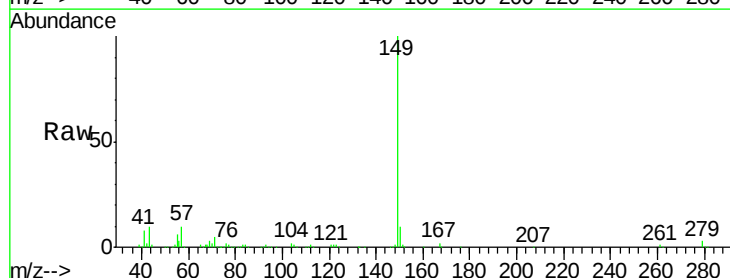
Instrument :
 BNA_F
 ClientSampleId :

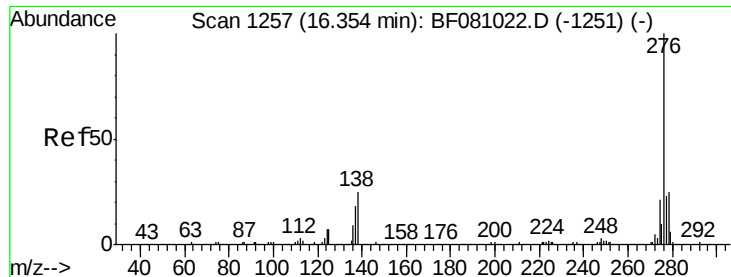
Tot Ion:149 Resp: 265719
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.7 31.1
 279 3.0 2.2 3.4



#84
 Di-n-octyl phthalate
 Concen: 47.07 ng
 RT: 14.25 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Tgt Ion:149 Resp: 459301
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 13.1 11.6 17.4

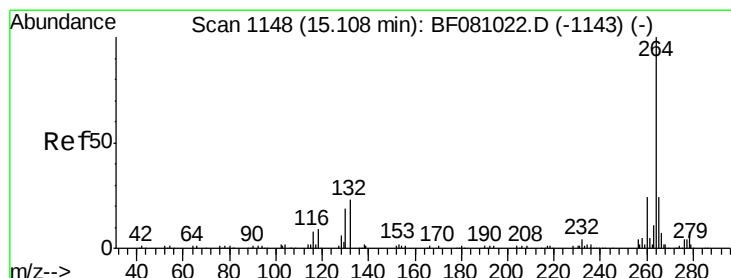
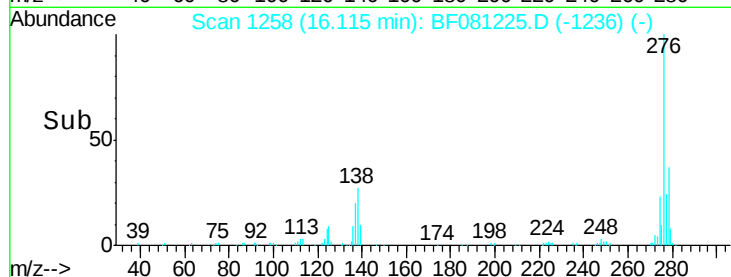
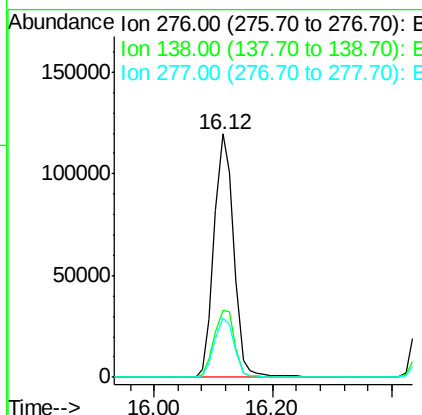
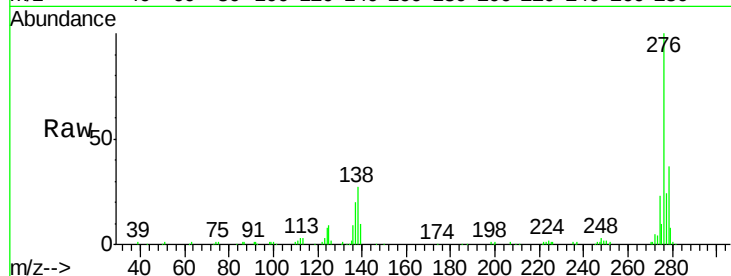




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.48 ng
 RT: 16.12 min Scan# 1258
 Delta R.T. -0.05 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

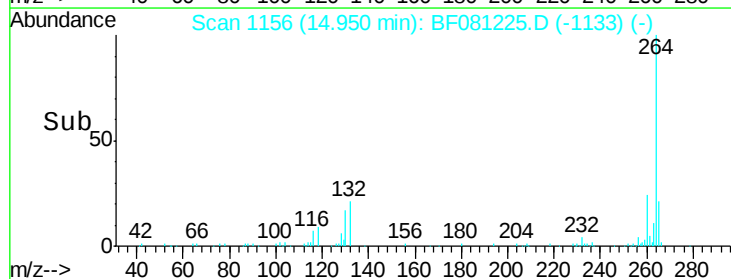
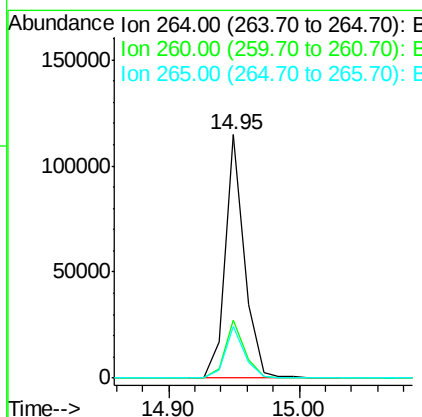
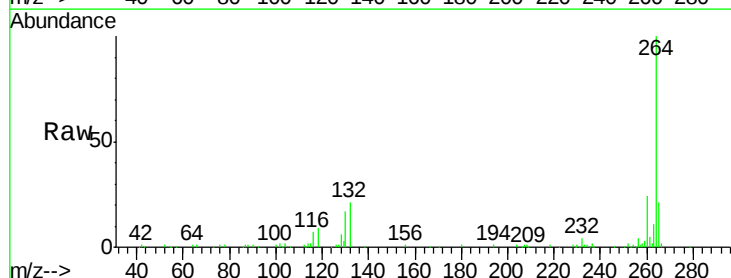
Instrument :
 BNA_F
 ClientSampleId :

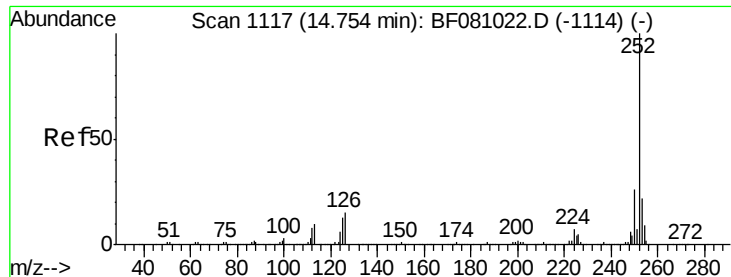
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	18.6	28.0#
277	24.5	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1156
 Delta R.T. -0.04 min
 Lab File: BF081225.D
 Acq: 26 Aug 2015 21:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.2	17.5	26.3

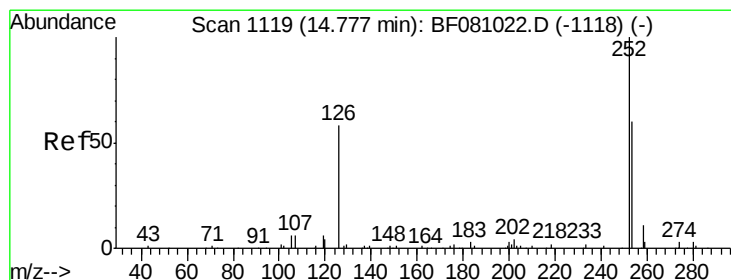
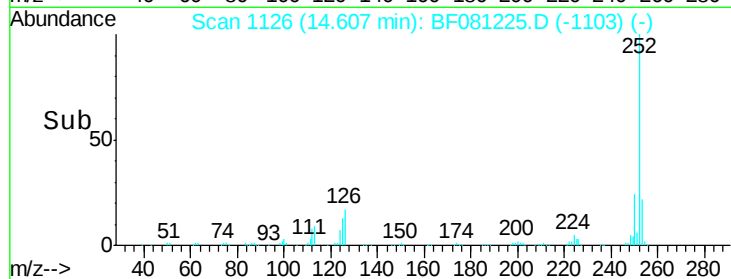
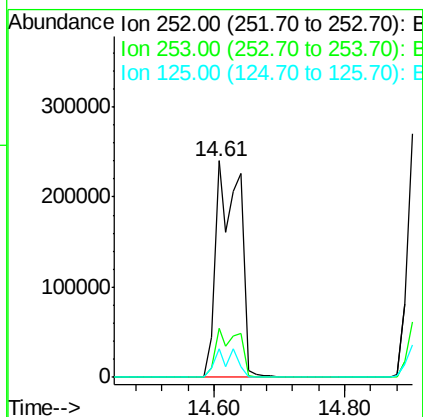
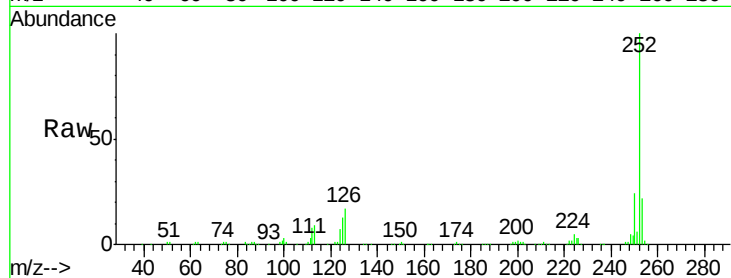




#87
Benzo(b)fluoranthene
Concen: 74.31 ng
RT: 14.61 min Scan# 1126
Delta R.T. -0.04 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

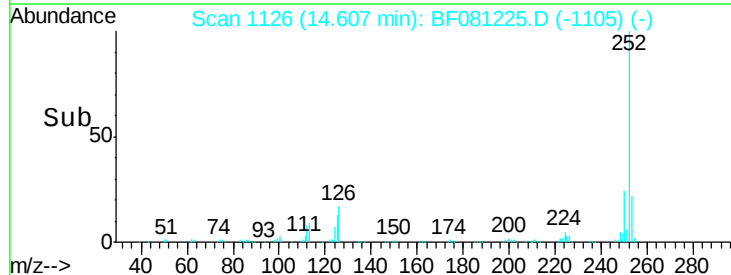
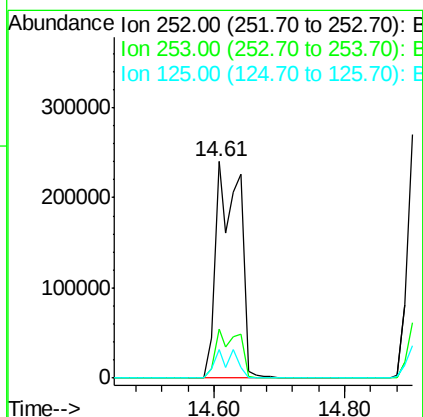
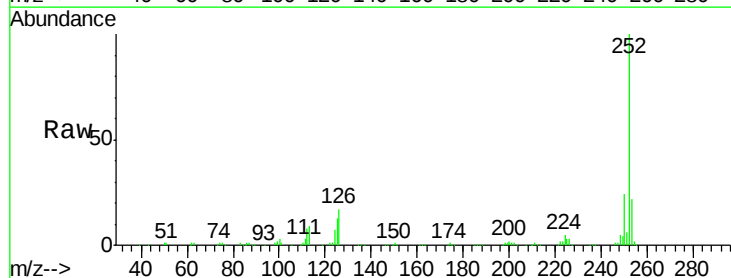
Instrument :
BNA_F
ClientSampleId :

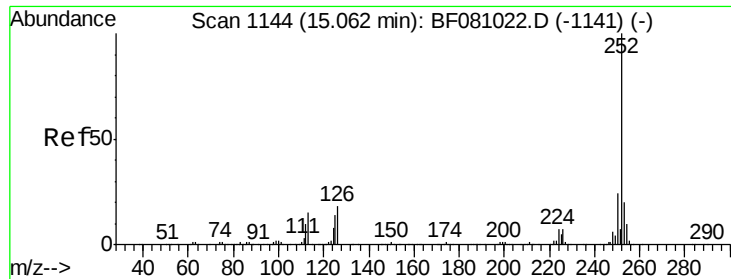
Tot Ion:252 Resp: 616251
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 13.1 8.0 12.0#



#88
Benzo(k)fluoranthene
Concen: 79.75 ng
RT: 14.61 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Tgt Ion:252 Resp: 616251
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 13.1 10.3 15.5

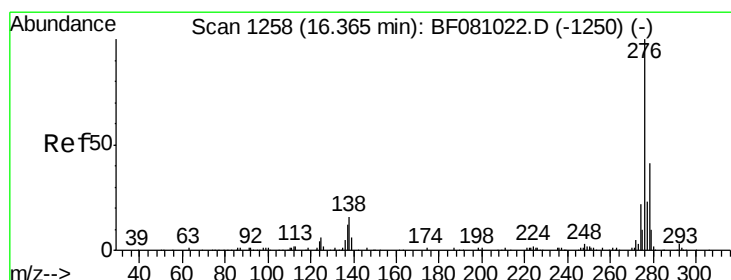
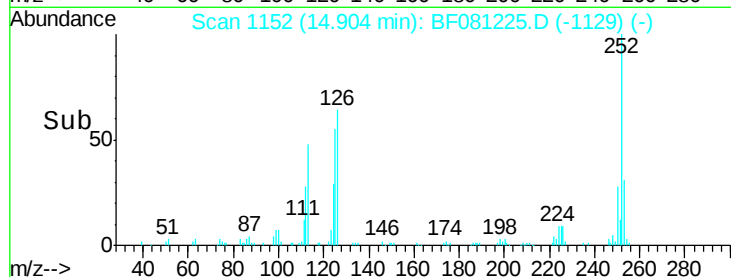
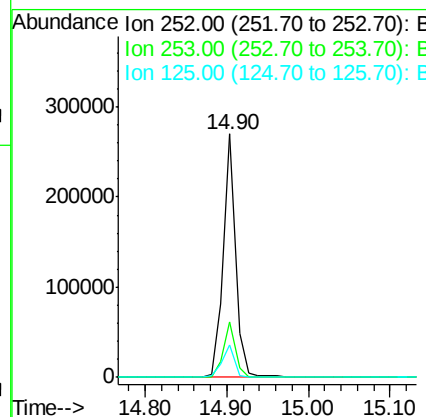
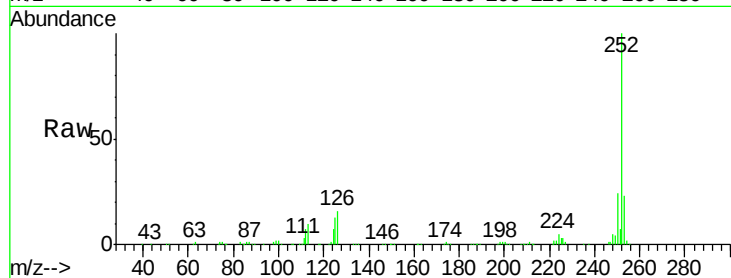




#89
Benzo(a)pyrene
Concen: 39.59 ng
RT: 14.90 min Scan# 1152
Delta R.T. -0.04 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

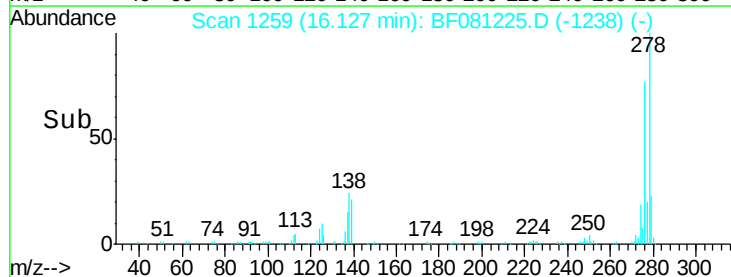
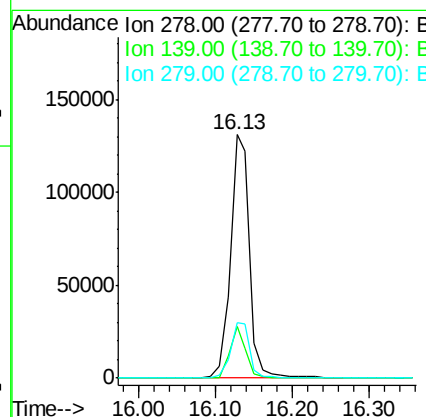
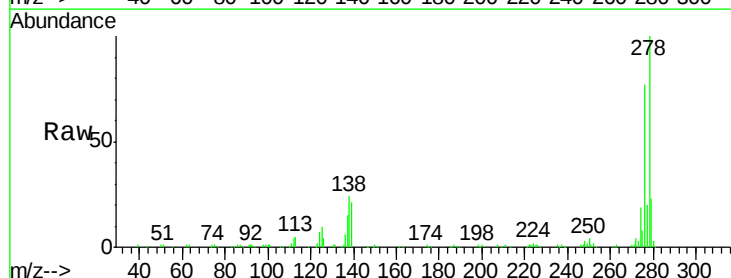
Instrument :
BNA_F
ClientSampleId :

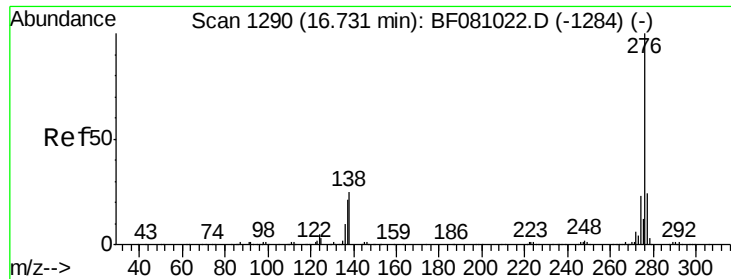
Tot Ion:252 Resp: 286053
Ion Ratio Lower Upper
252 100
253 22.8 16.6 25.0
125 13.1 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 41.02 ng
RT: 16.13 min Scan# 1259
Delta R.T. -0.06 min
Lab File: BF081225.D
Acq: 26 Aug 2015 21:48

Tgt Ion:278 Resp: 230975
Ion Ratio Lower Upper
278 100
139 21.4 10.8 16.2#
279 22.9 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 39.84 ng

RT: 16.47 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF081225.D

Acq: 26 Aug 2015 21:48

Instrument :

BNA_F

ClientSampleId :

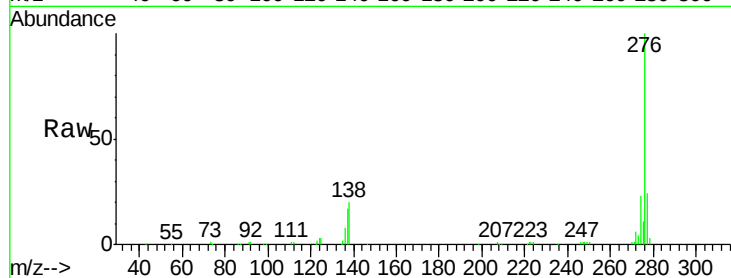
Tot Ion: 276 Resp: 227592

Ion Ratio Lower Upper

276 100

277 24.2 18.2 27.2

138 20.5 13.7 20.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

