

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081223.D
 Acq On : 26 Aug 2015 20:47
 Operator : UM/IZ
 Sample : PB85176BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 00:42:08 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	53235	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	213904	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	97712	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	205119	20.00	ng	-0.02
75) Chrysene-d12	13.64	240	154082	20.00	ng	-0.02
86) Perylene-d12	14.95	264	123023	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	378296	106.88	ng	-0.01
7) Phenol-d6	6.17	99	537585	116.41	ng	-0.02
23) Nitrobenzene-d5	7.09	82	341466	72.92	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	87338	103.11	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	547144	73.37	ng	-0.02
78) Terphenyl-d14	12.59	244	480667	66.88	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	1.97	88	50915	30.53	ng	# 92
3) Pyridine	2.57	79	132536	28.15	ng	# 82
4) n-Nitrosodimethylamine	2.53	42	89812	34.27	ng	# 77
6) Aniline	6.17	93	174371	25.97	ng	# 67
8) 2-Chlorophenol	6.30	128	142197	36.70	ng	94
9) Benzaldehyde	6.06	77	73743	24.77	ng	88
10) Phenol	6.18	94	171826	31.51	ng	87
11) bis(2-Chloroethyl)ether	6.26	93	144972	34.64	ng	89
12) 1,3-Dichlorobenzene	6.46	146	151083	36.29	ng	98
13) 1,4-Dichlorobenzene	6.54	146	150576	36.53	ng	100
14) 1,2-Dichlorobenzene	6.69	146	140447	36.41	ng	97
15) Benzyl Alcohol	6.67	79	132864	35.56	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.81	45	294333	35.79	ng	97
17) 2-Methylphenol	6.80	107	131569	39.58	ng	97
18) Hexachloroethane	7.03	117	61861	37.14	ng	97
19) n-Nitroso-di-n-propylamine	6.95	70	115432	36.08	ng	93
20) 3+4-Methylphenols	6.96	107	172151	40.80	ng	# 43
22) Acetophenone	6.94	105	219402	39.07	ng	# 86
24) Nitrobenzene	7.11	77	180057	36.78	ng	97
25) Isophorone	7.36	82	322449	36.93	ng	# 95
26) 2-Nitrophenol	7.43	139	83363	40.94	ng	# 70
27) 2,4-Dimethylphenol	7.49	122	148664	41.27	ng	88
28) bis(2-Chloroethoxy)methane	7.58	93	211630	41.02	ng	100
29) 2,4-Dichlorophenol	7.67	162	112922	37.24	ng	# 87
30) 1,2,4-Trichlorobenzene	7.75	180	122019	36.20	ng	99
31) Naphthalene	7.83	128	447988	37.57	ng	99
32) Benzoic acid	7.62	122	91472	45.15	ng	95
33) 4-Chloroaniline	7.89	127	105372	20.94	ng	# 87
34) Hexachlorobutadiene	7.95	225	71473	37.50	ng	96
35) Caprolactam	8.26	113	22869	21.58	ng	# 83
36) 4-Chloro-3-methylphenol	8.38	107	138138	38.22	ng	97
37) 2-Methylnaphthalene	8.51	142	273267	36.28	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	121751	38.62	ng	98
40) Hexachlorocyclopentadiene	8.67	237	119968	73.52	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	85338	38.32	nq	97
43) 2,4,5-Trichlorophenol	8.85	196	90964	40.87	nq	99
45) 1,1'-Biphenyl	8.98	154	359578	41.78	nq	97
46) 2-Chloronaphthalene	9.01	162	252580	36.53	nq	99
47) 2-Nitroaniline	9.11	65	115335	40.76	nq	# 67
48) Acenaphthylene	9.41	152	391325	31.64	nq	98
49) Dimethylphthalate	9.29	163	296951	36.90	nq	99
50) 2,6-Dinitrotoluene	9.35	165	60510	35.02	nq	# 66
51) Acenaphthene	9.58	154	234472	31.66	nq	100
52) 3-Nitroaniline	9.51	138	54919	25.40	nq	98
53) 2,4-Dinitrophenol	9.62	184	63020	67.80	nq	86
54) Dibenzofuran	9.75	168	355714	35.85	nq	91
55) 4-Nitrophenol	9.69	139	115166	75.84	nq	# 83
56) 2,4-Dinitrotoluene	9.75	165	76431	33.38	nq	# 53
57) Fluorene	10.09	166	277597	36.37	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.83	232	66813	38.78	nq	96
59) Diethylphthalate	9.99	149	303272	35.61	nq	98
60) 4-Chlorophenyl-phenylether	10.09	204	126182	39.06	nq	99
61) 4-Nitroaniline	10.13	138	72224	32.68	nq	92
62) Azobenzene	10.25	77	409669	41.74	nq	95
64) 4,6-Dinitro-2-methylphenol	10.16	198	49021	40.02	nq	# 48
65) n-Nitrosodiphenylamine	10.22	169	278197	37.99	nq	99
66) 4-Bromophenyl-phenylether	10.57	248	67986	33.74	nq	# 62
67) Hexachlorobenzene	10.63	284	75243	36.87	nq	# 69
68) Atrazine	10.75	200	86408	42.36	nq	94
69) Pentachlorophenol	10.83	266	90413	73.84	nq	99
70) Phenanthrene	11.04	178	412754	33.95	nq	100
71) Anthracene	11.10	178	434708	36.75	nq	98
72) Carbazole	11.26	167	429101	37.68	nq	98
73) Di-n-butylphthalate	11.60	149	533855	38.74	nq	99
74) Fluoranthene	12.22	202	497204	37.90	nq	95
76) Benzidine	12.34	184	199777	34.32	nq	97
77) Pyrene	12.43	202	450518	35.97	nq	99
79) Butylbenzylphthalate	13.07	149	206715	38.39	nq	# 64
80) Benzo(a)anthracene	13.62	228	409386	39.62	nq	98
81) 3,3'-Dichlorobenzidine	13.59	252	90819	27.13	nq	97
82) Chrysene	13.66	228	364588	39.15	nq	100
83) Bis(2-ethylhexyl)phthalate	13.65	149	299545	43.43	nq	100
84) Di-n-octyl phthalate	14.25	149	501080	47.80	nq	97
85) Indeno(1,2,3-cd)pyrene	16.12	276	297796	45.55	nq	# 94
87) Benzo(b)fluoranthene	14.64	252	686627	78.90	nq	# 97
88) Benzo(k)fluoranthene	14.64	252	686627	84.68	nq	# 94
89) Benzo(a)pyrene	14.90	252	307095	40.50	nq	# 94
90) Dibenzo(a,h)anthracene	16.14	278	248626	42.08	nq	97
91) Benzo(g,h,i)perylene	16.47	276	245824	41.01	nq	# 95

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

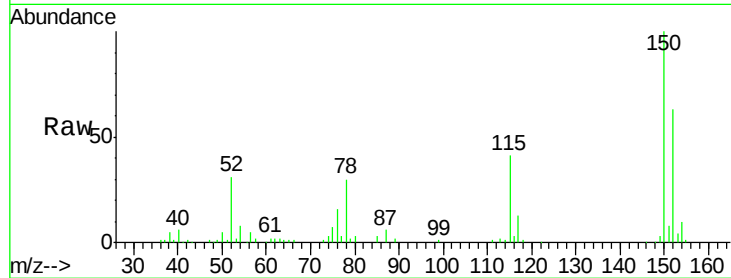


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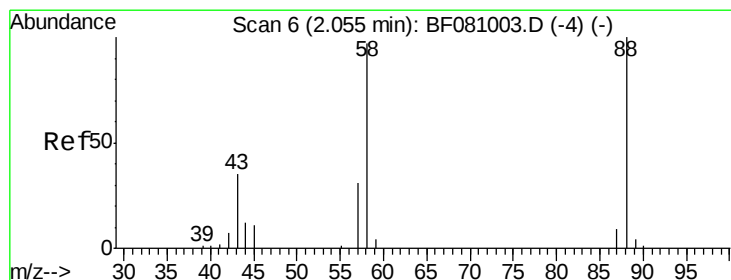
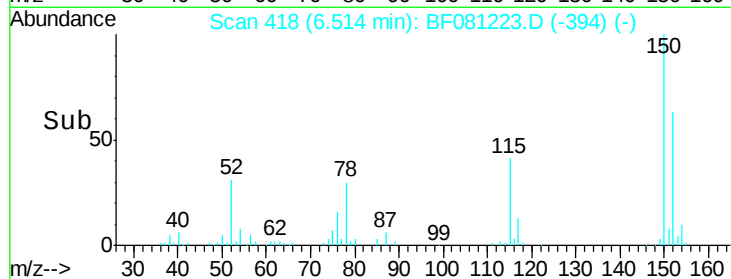
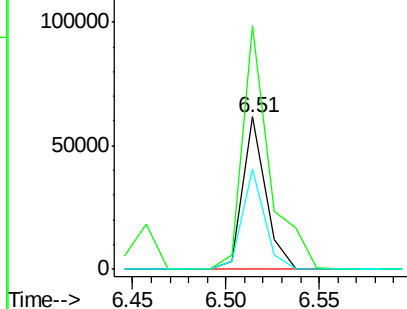
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 53235
Ion Ratio Lower Upper
152 100
150 159.5 123.8 185.6
115 65.5 52.1 78.1



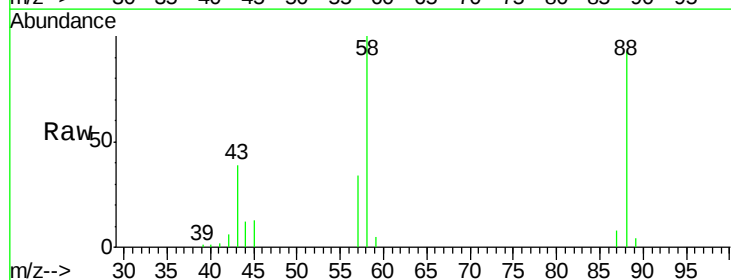
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



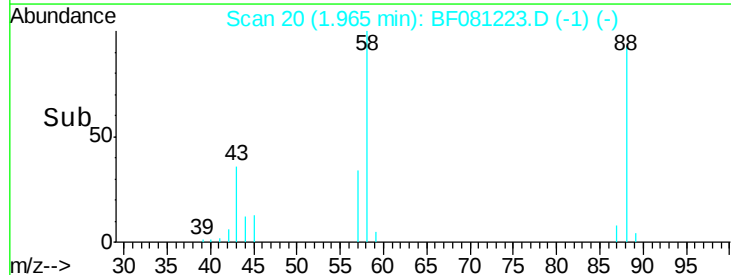
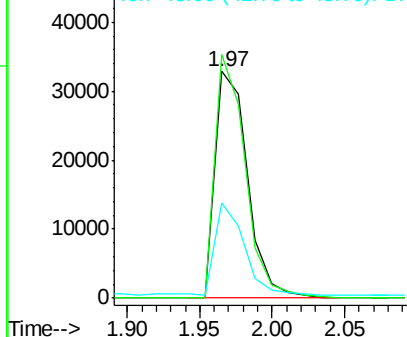
#2

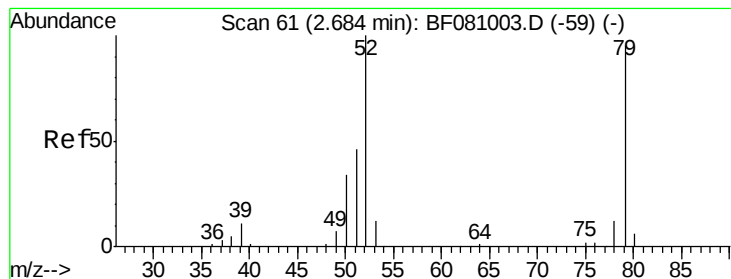
1,4-Dioxane
Concen: 30.53 ng
RT: 1.97 min Scan# 20
Delta R.T. 0.03 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion: 88 Resp: 50915
Ion Ratio Lower Upper
88 100
58 100.0 83.7 125.5
43 37.1 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: 28.15 ng

RT: 2.57 min Scan# 73

Delta R.T. 0.03 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

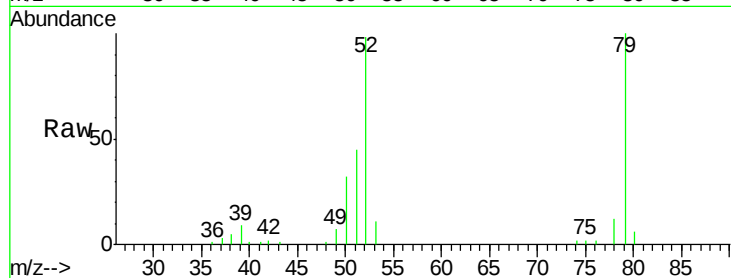
Tot Ion: 79 Resp: 132536

Ion Ratio Lower Upper

79 100

52 98.0 95.1 142.7

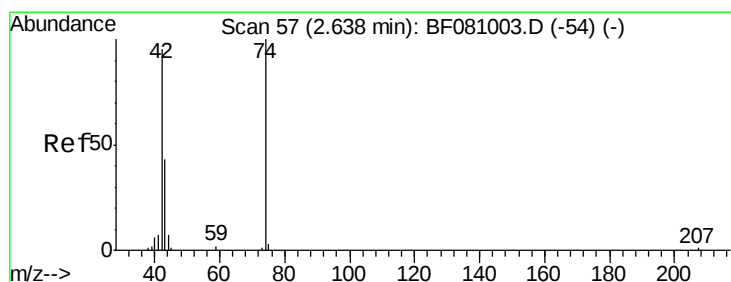
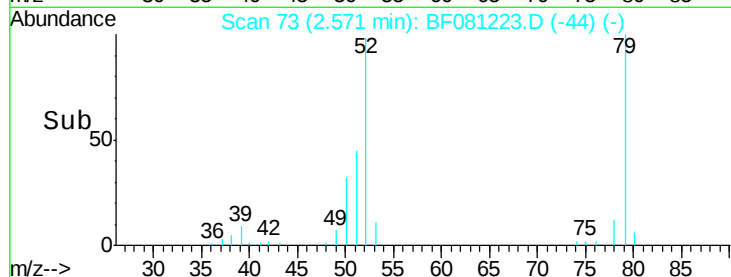
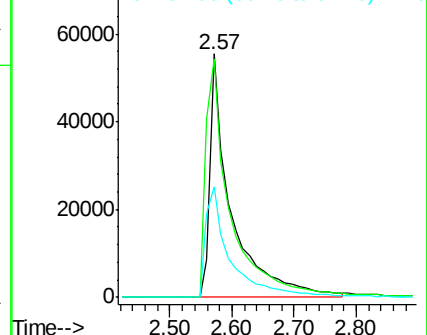
51 45.5 46.6 70.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.27 ng

RT: 2.53 min Scan# 69

Delta R.T. 0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

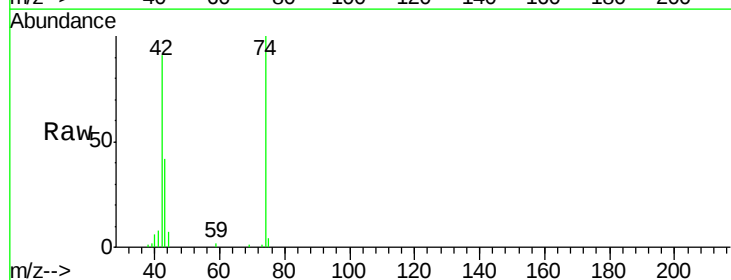
Tgt Ion: 42 Resp: 89812

Ion Ratio Lower Upper

42 100

74 109.6 69.3 103.9#

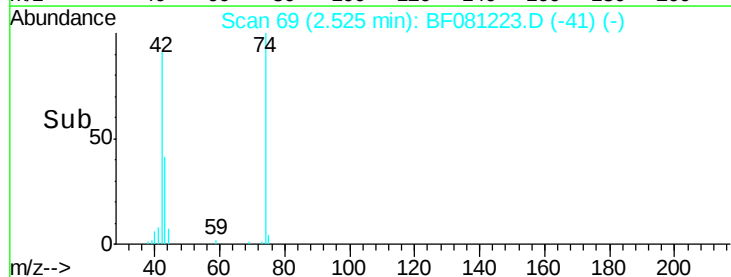
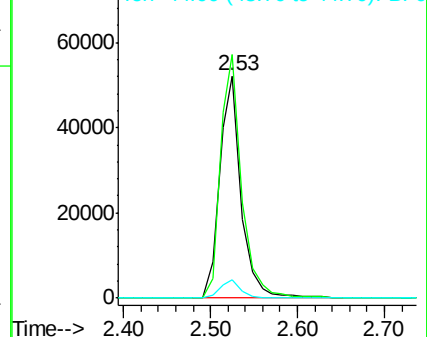
44 8.2 5.5 8.3

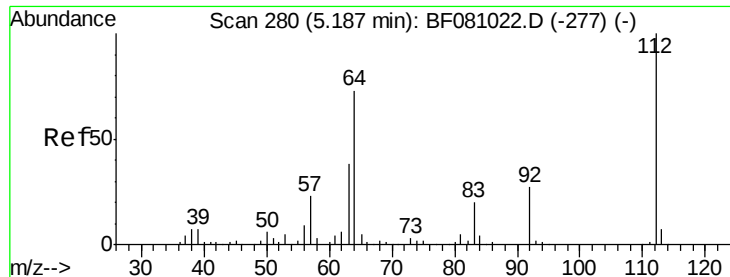


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 106.88 ng

RT: 5.09 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

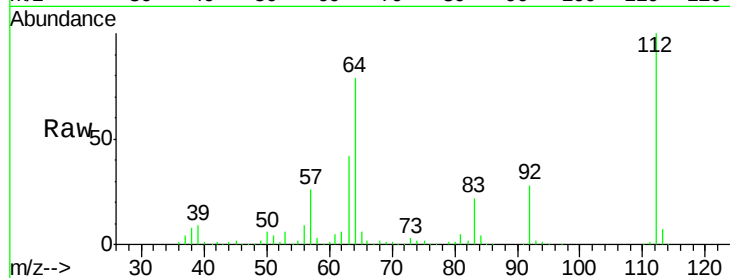
Tot Ion:112 Resp: 378296

Ion Ratio Lower Upper

112 100

64 79.4 66.9 100.3

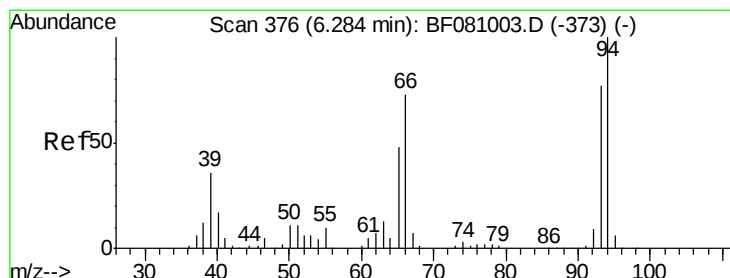
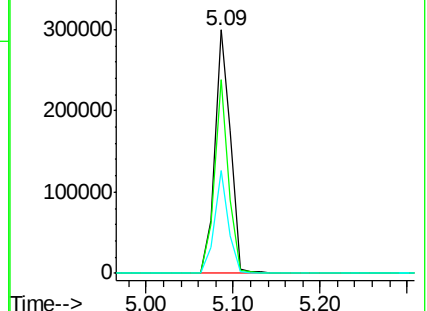
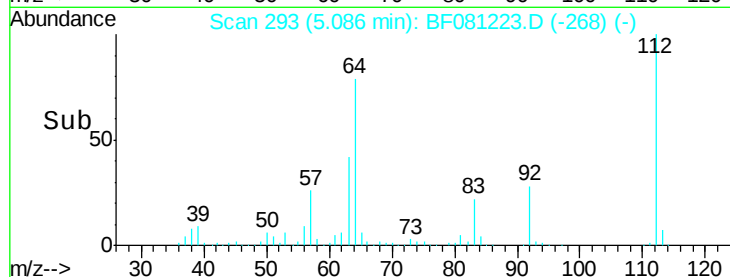
63 42.0 38.1 57.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.97 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.04 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

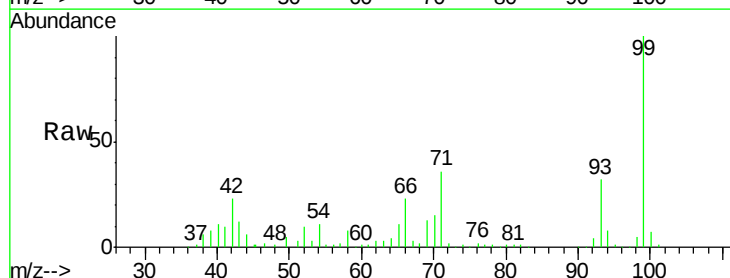
Tgt Ion: 93 Resp: 174371

Ion Ratio Lower Upper

93 100

66 70.3 35.6 53.4#

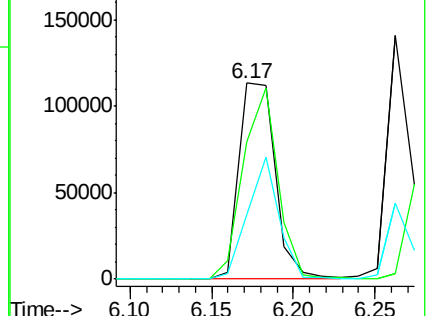
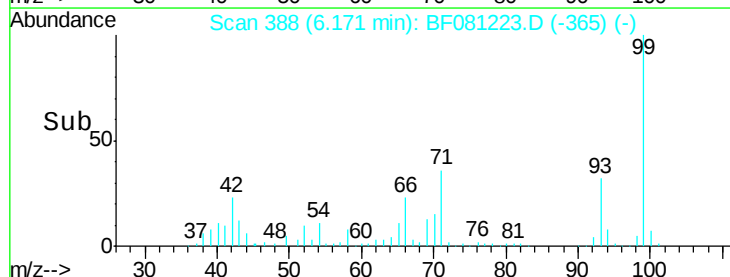
65 32.7 18.7 28.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.41 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

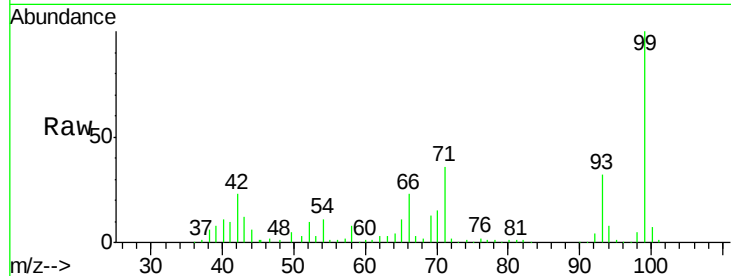
Tot Ion: 99 Resp: 537585

Ion Ratio Lower Upper

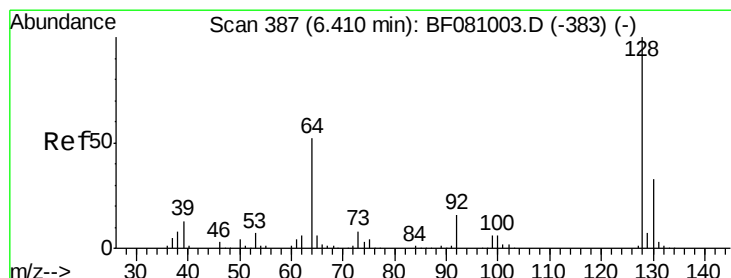
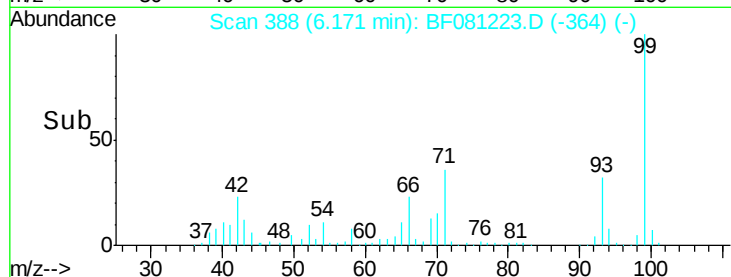
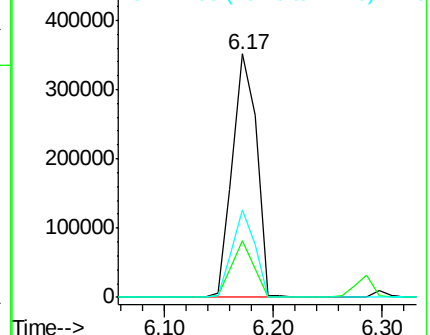
99 100

42 23.4 19.6 29.4

71 35.8 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: 36.70 ng

RT: 6.30 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

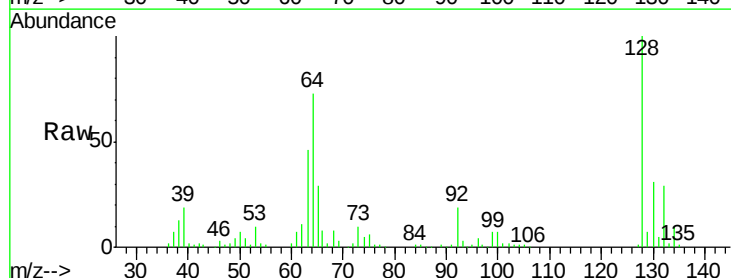
Tgt Ion: 128 Resp: 142197

Ion Ratio Lower Upper

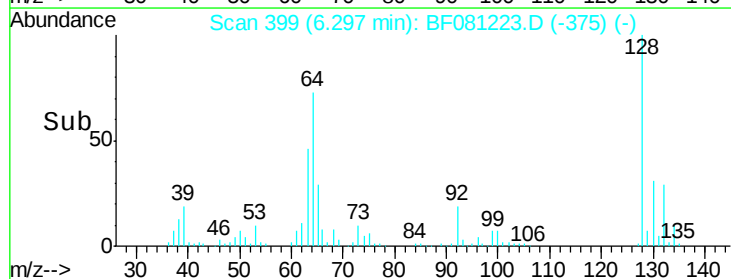
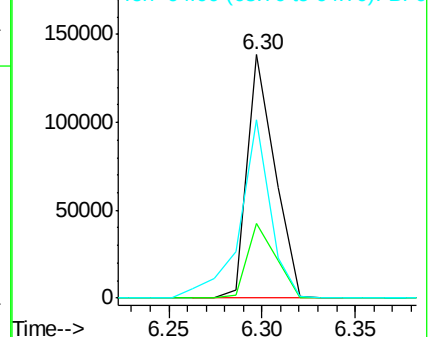
128 100

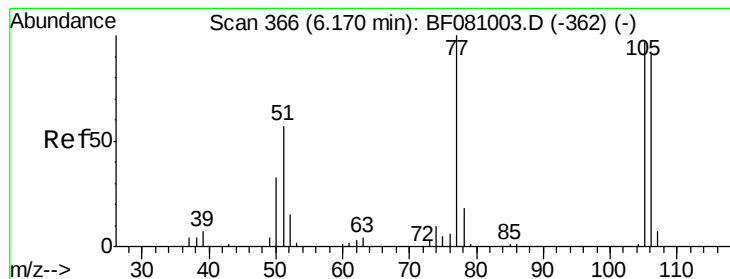
130 30.7 12.5 52.5

64 73.1 46.8 86.8



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





#9

Benzaldehyde

Concen: 24.77 ng

RT: 6.06 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampled :

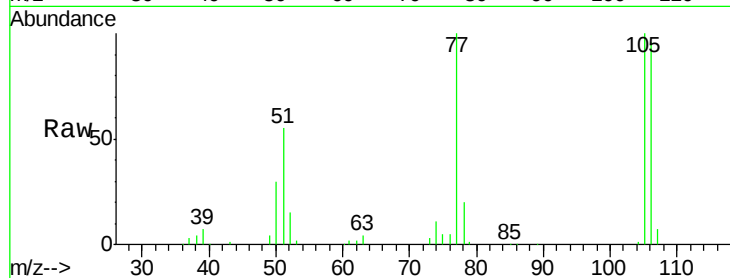
Tot Ion: 77 Resp: 73743

Ion Ratio Lower Upper

77 100

105 99.7 69.6 109.6

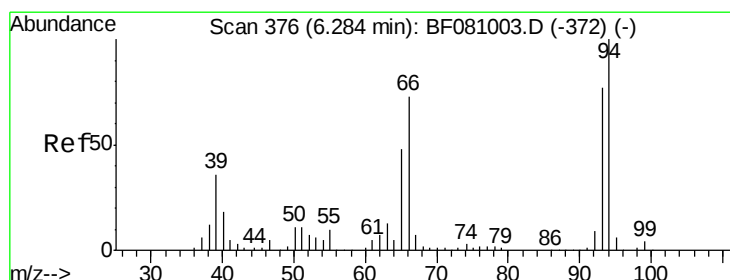
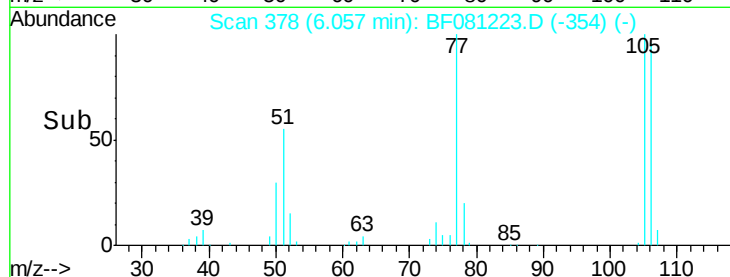
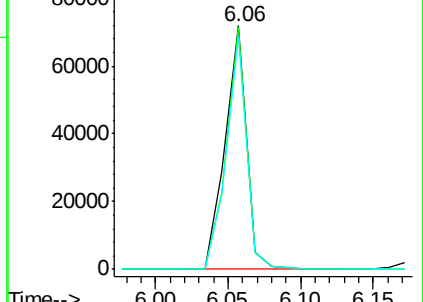
106 95.6 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.51 ng

RT: 6.18 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

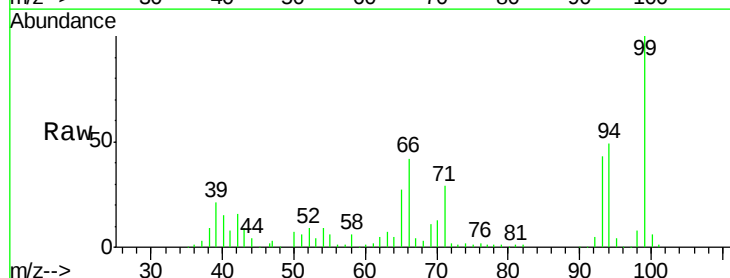
Tgt Ion: 94 Resp: 171826

Ion Ratio Lower Upper

94 100

65 54.8 28.4 68.4

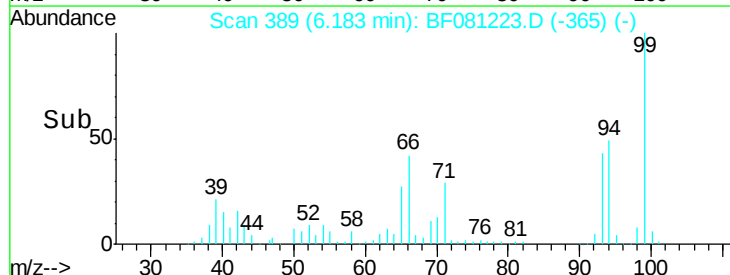
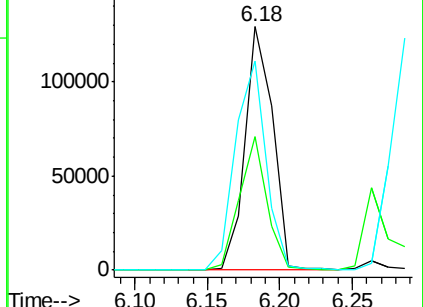
66 85.6 52.3 92.3

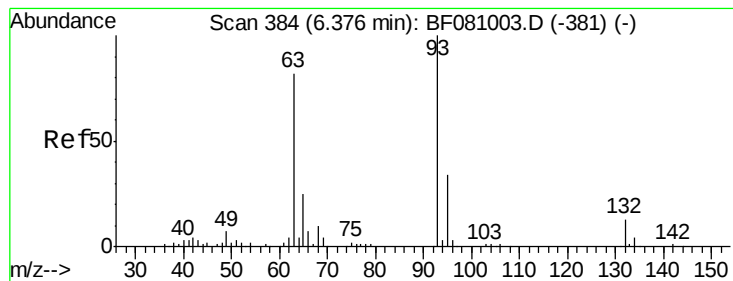


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

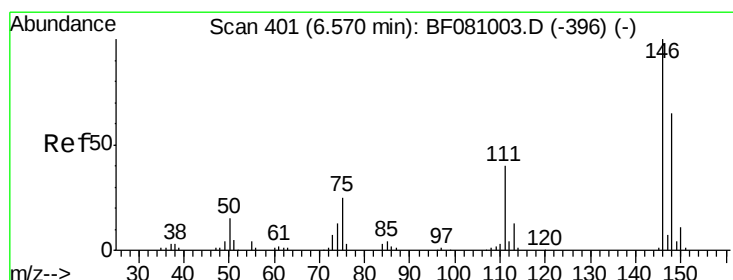
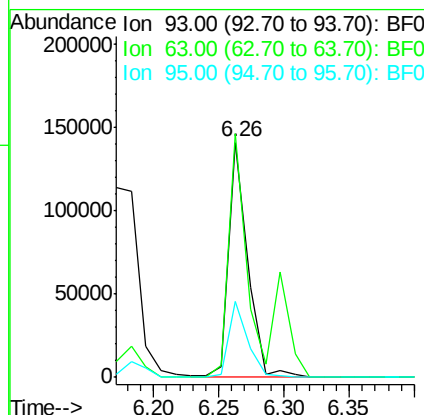
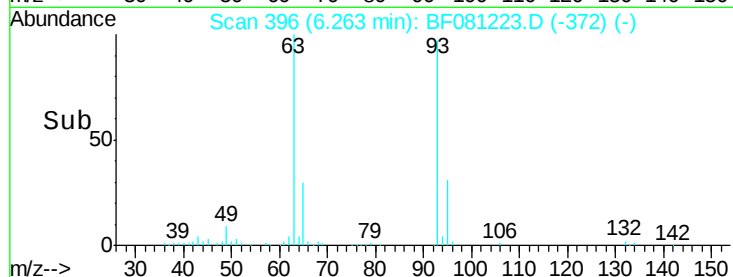
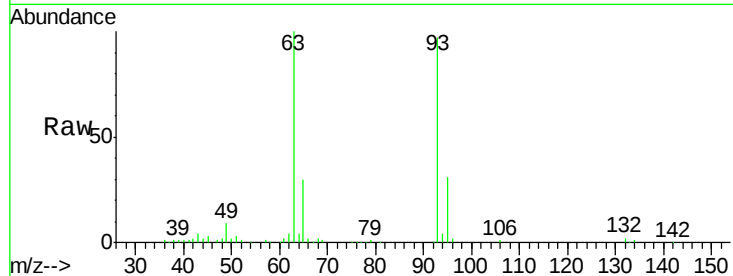




#11
 bis(2-Chloroethyl)ether
 Concen: 34.64 ng
 RT: 6.26 min Scan# 396
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

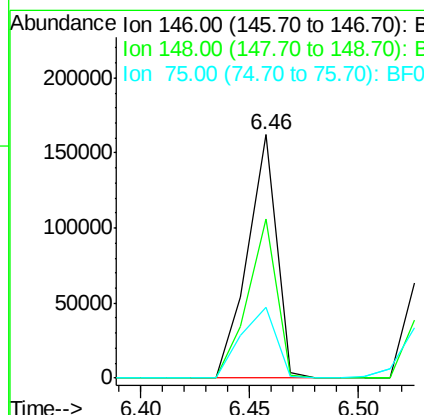
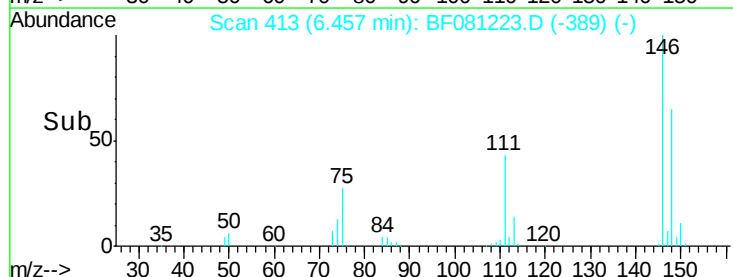
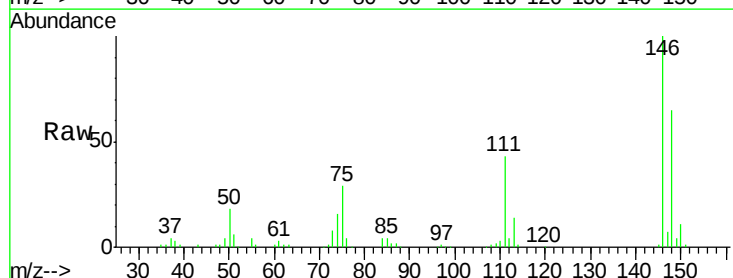
Instrument :
 BNA_F
 ClientSampleId :

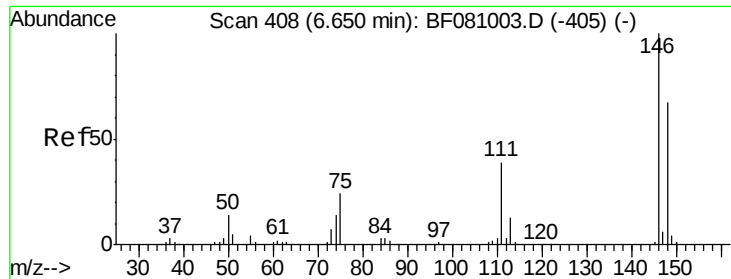
Tot Ion: 93 Resp: 144972
 Ion Ratio Lower Upper
 93 100
 63 103.5 69.6 109.6
 95 32.3 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 36.29 ng
 RT: 6.46 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion: 146 Resp: 151083
 Ion Ratio Lower Upper
 146 100
 148 65.3 53.3 79.9
 75 29.0 25.0 37.6

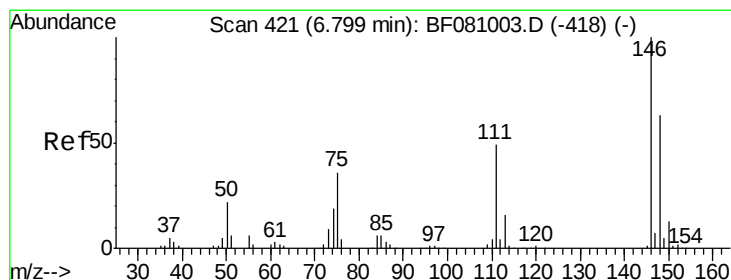
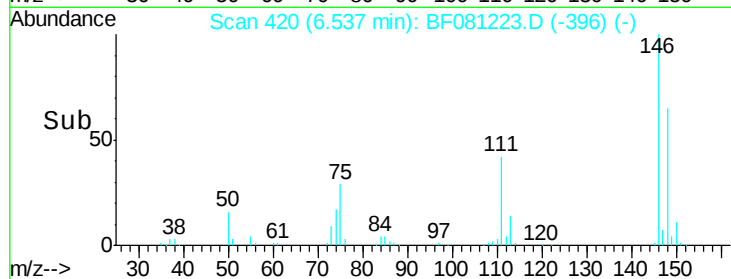
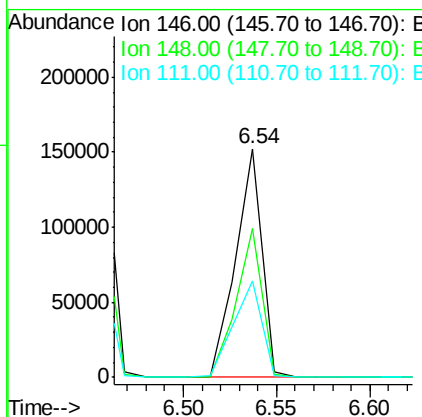
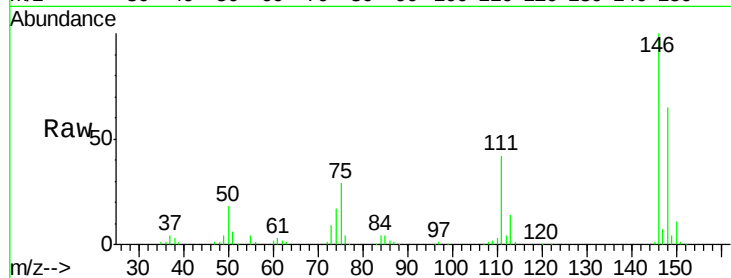




#13
 1,4-Dichlorobenzene
 Concen: 36.53 ng
 RT: 6.54 min Scan# 420
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

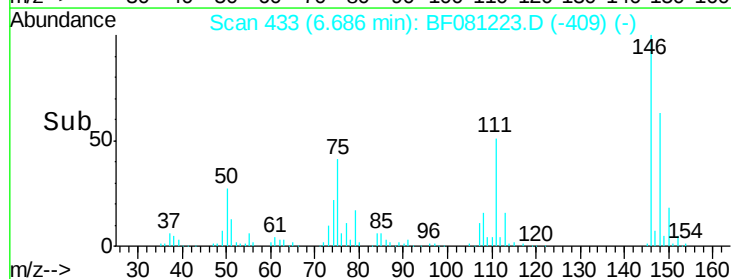
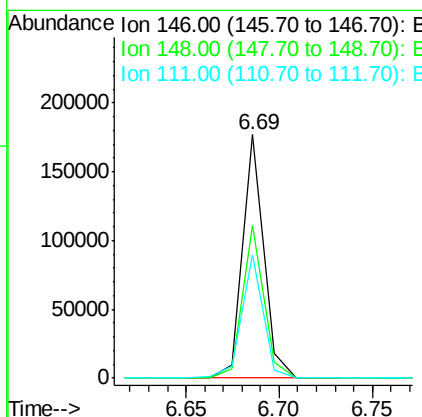
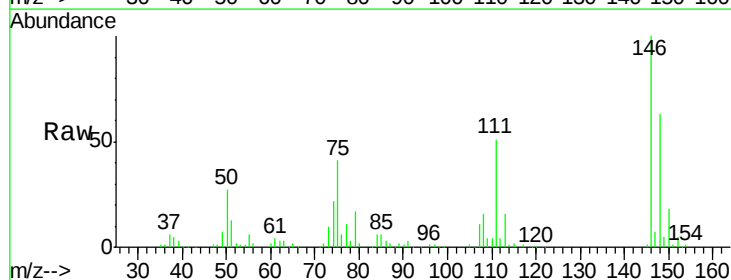
Instrument :
 BNA_F
 ClientSampleId :

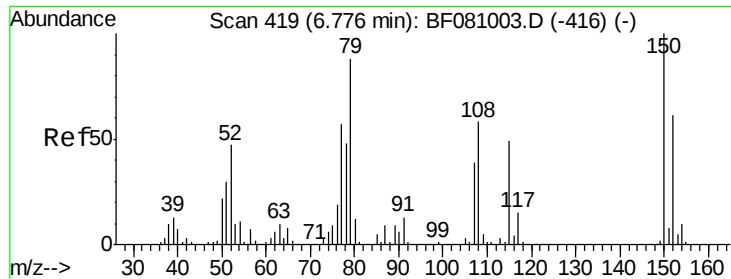
Tot Ion:146 Resp: 150576
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.3 78.5
 111 42.3 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 36.41 ng
 RT: 6.69 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion:146 Resp: 140447
 Ion Ratio Lower Upper
 146 100
 148 62.6 48.7 73.1
 111 50.8 42.3 63.5

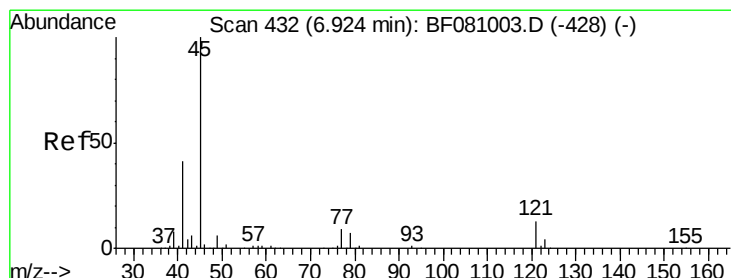
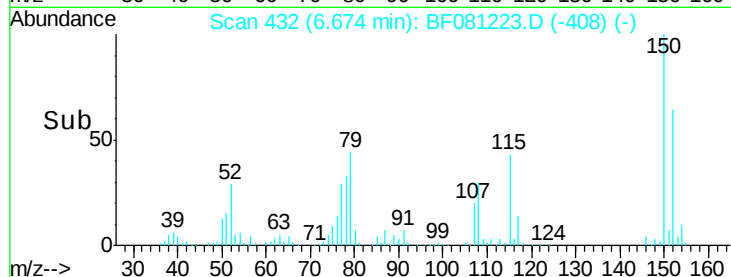
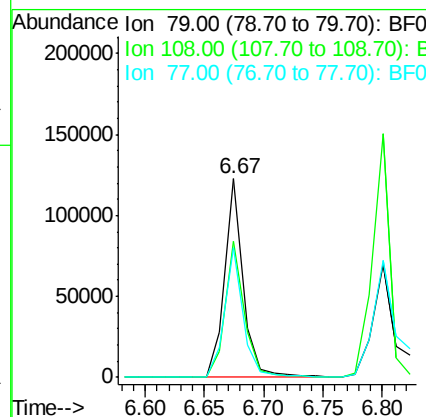
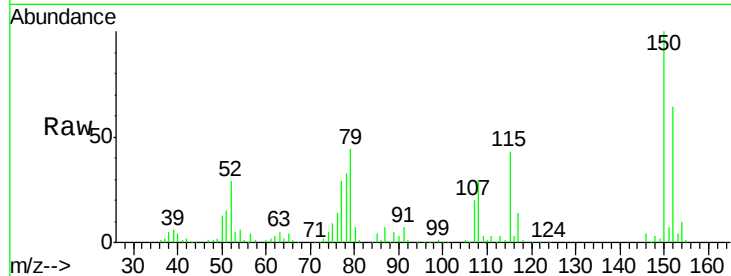




#15
Benzyl Alcohol
Concen: 35.56 ng
RT: 6.67 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

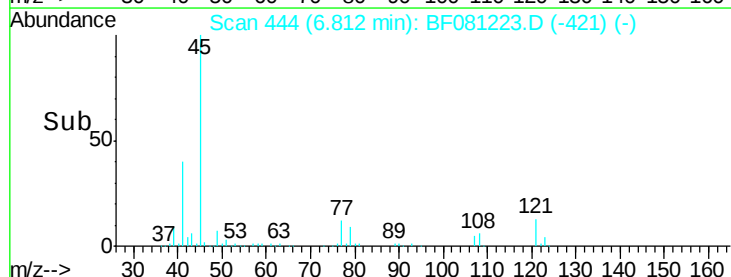
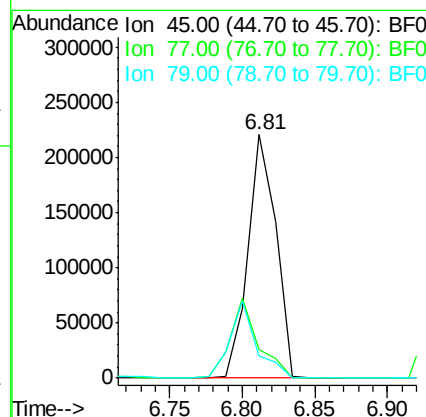
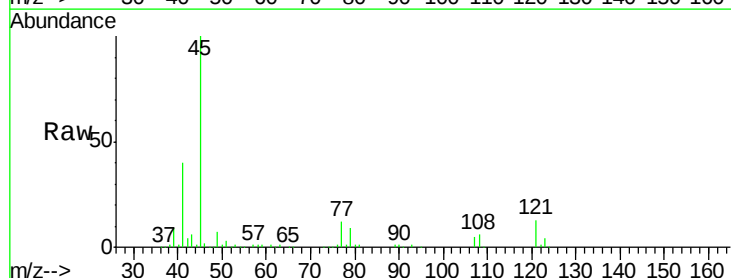
Instrument :
BNA_F
ClientSampleId :

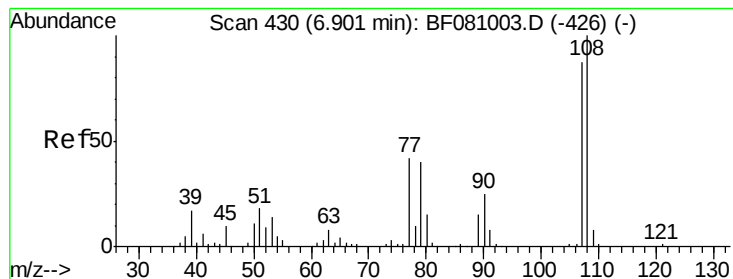
Tot Ion: 79 Resp: 132864
Ion Ratio Lower Upper
79 100
108 68.6 49.4 74.2
77 65.1 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.79 ng
RT: 6.81 min Scan# 444
Delta R.T. -0.04 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion: 45 Resp: 294333
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.2
79 8.9 0.0 28.0





#17

2-Methylphenol

Concen: 39.58 ng

RT: 6.80 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 131569

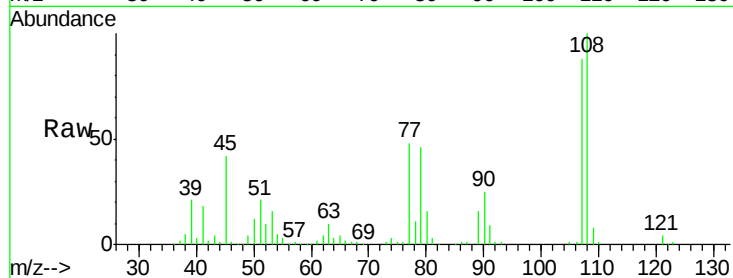
Ion Ratio Lower Upper

107 100

108 113.8 90.4 135.6

77 54.7 46.5 69.7

79 52.7 46.3 69.5

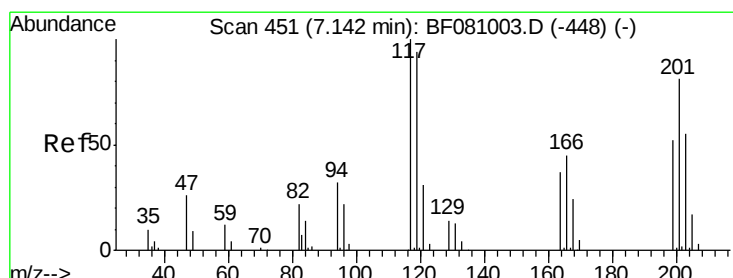
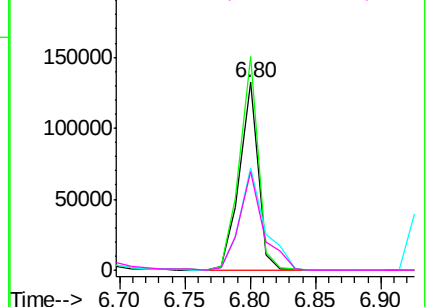
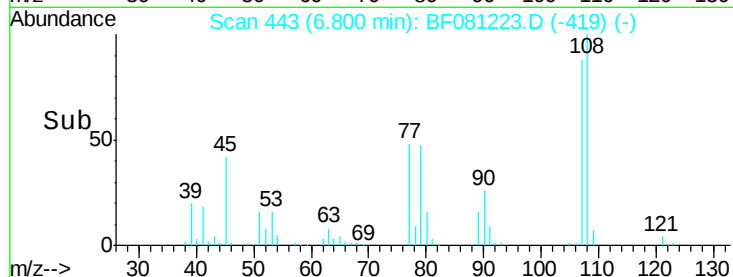


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.14 ng

RT: 7.03 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

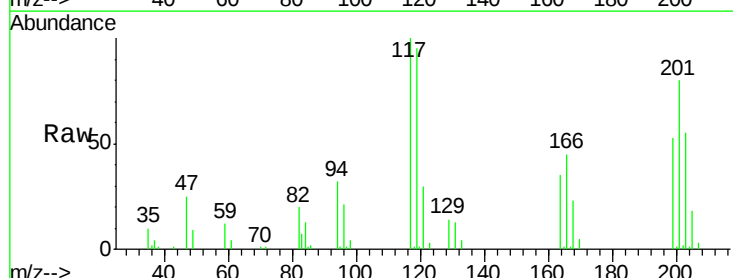
Tgt Ion:117 Resp: 61861

Ion Ratio Lower Upper

117 100

119 95.2 77.9 116.9

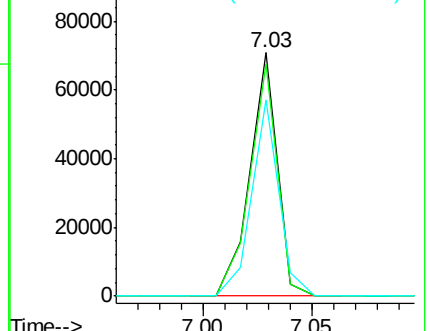
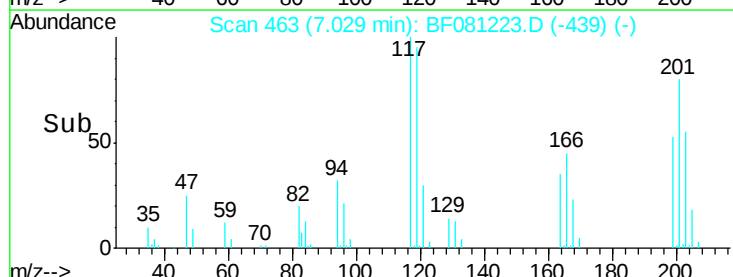
201 80.4 61.3 91.9

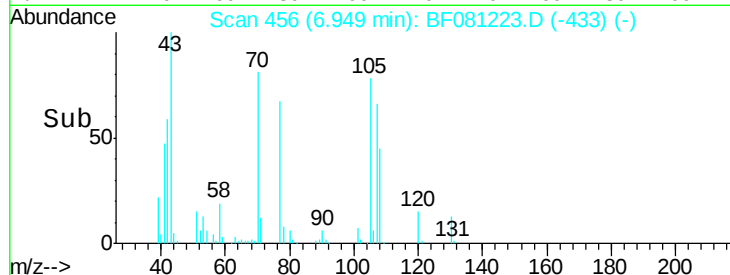
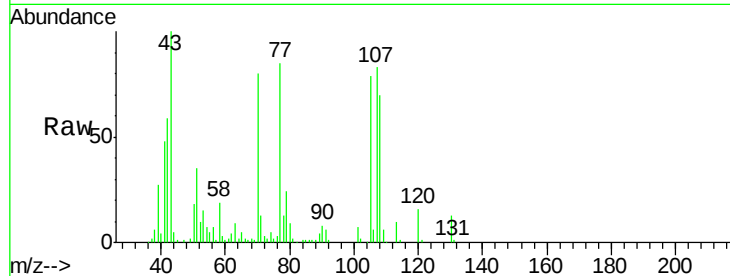
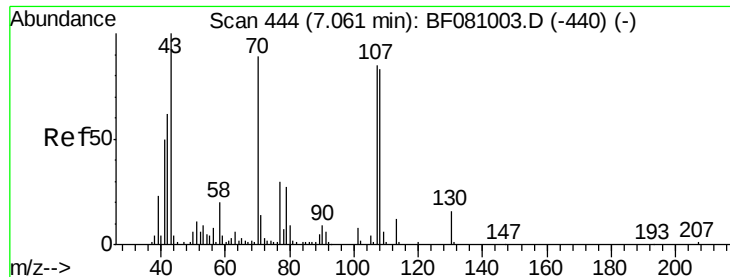


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

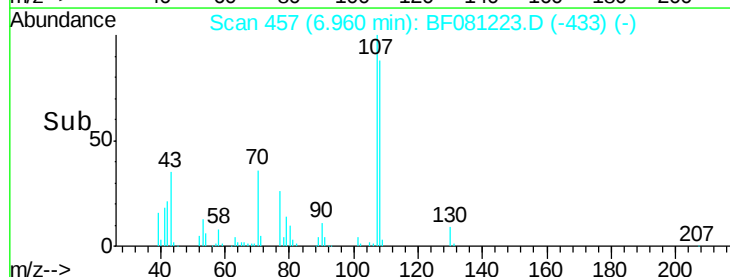
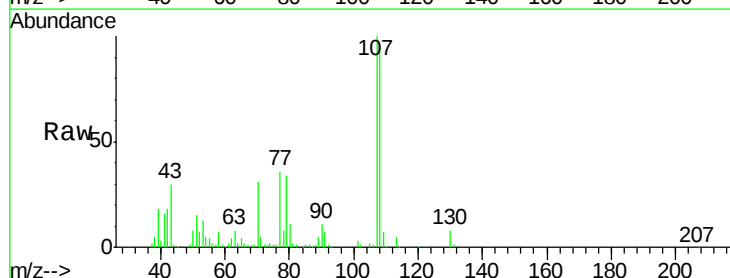
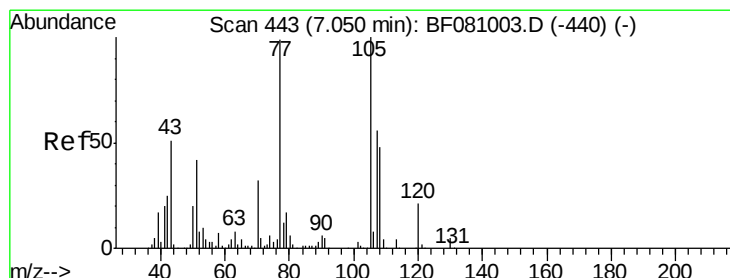
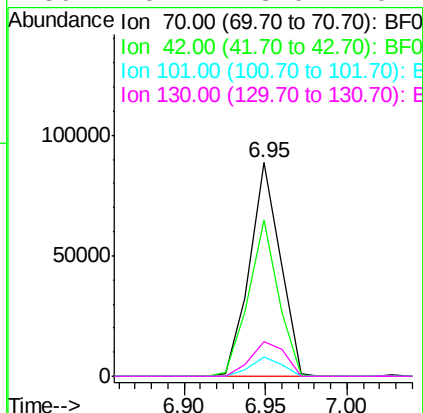




#19
n-Nitroso-di-n-propylamine
Concen: 36.08 ng
RT: 6.95 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

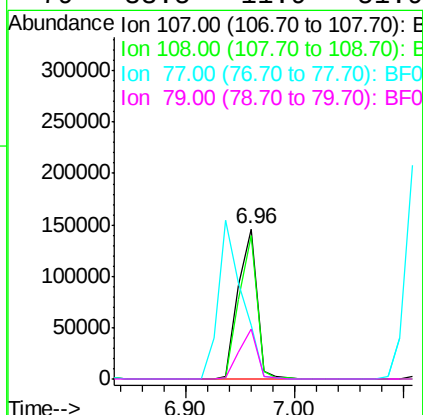
Instrument :
BNA_F
ClientSampled :

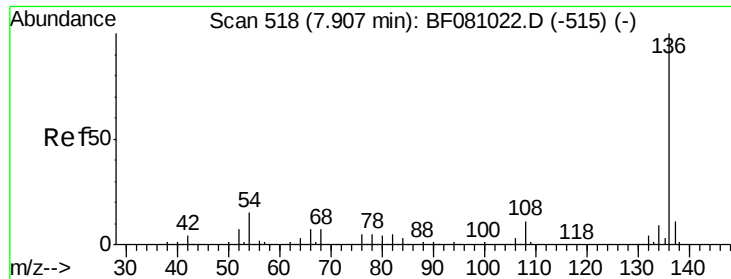
Tot Ion:	70	Resp:	115432
Ion	Ratio	Lower	Upper
70	100		
42	73.2	65.0	97.4
101	9.1	7.4	11.2
130	16.4	13.0	19.4



#20
3+4-Methylphenols
Concen: 40.80 ng
RT: 6.96 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion:	107	Resp:	172151
Ion	Ratio	Lower	Upper
107	100		
108	95.8	66.1	106.1
77	36.0	139.3	179.3#
79	33.5	11.9	51.9

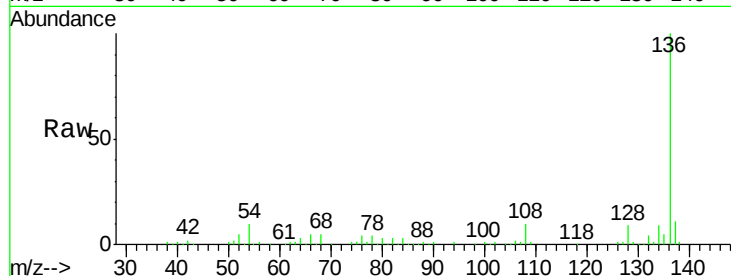




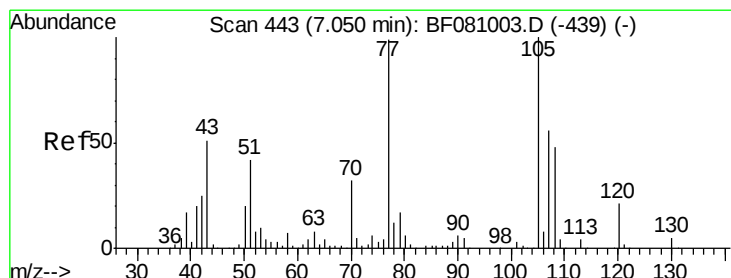
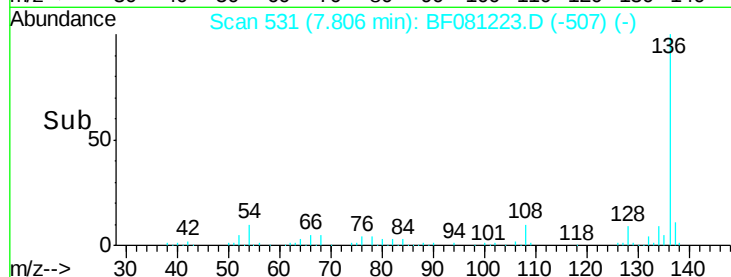
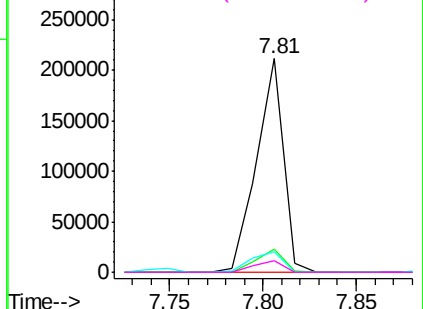
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	213904
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	9.7	7.7 11.5
68	5.2	3.4 5.2#

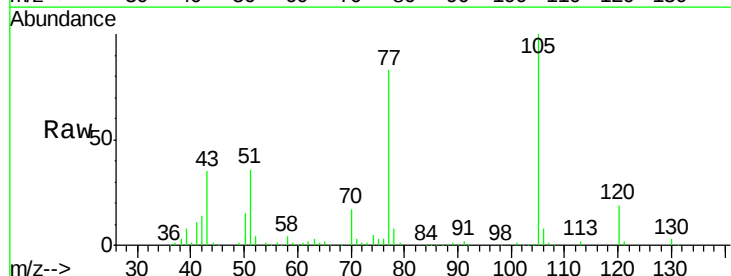


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

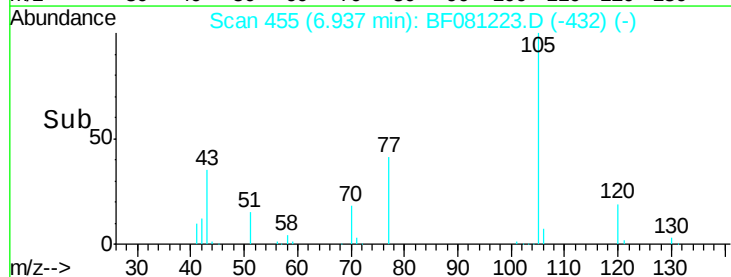
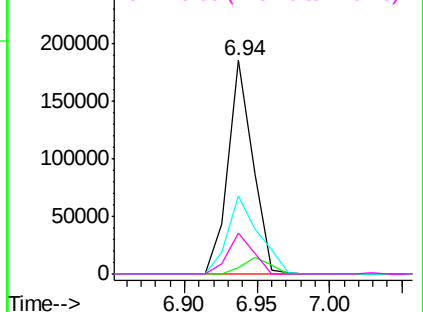


#22
Acetophenone
Concen: 39.07 ng
RT: 6.94 min Scan# 455
Delta R.T. -0.04 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion:105	Resp:	219402
Ion Ratio	Lower	Upper
105	100	
71	2.9	3.0 4.6#
51	36.4	39.8 59.8#
120	19.2	15.8 23.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

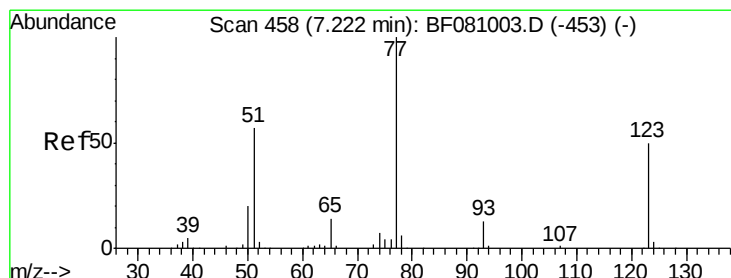
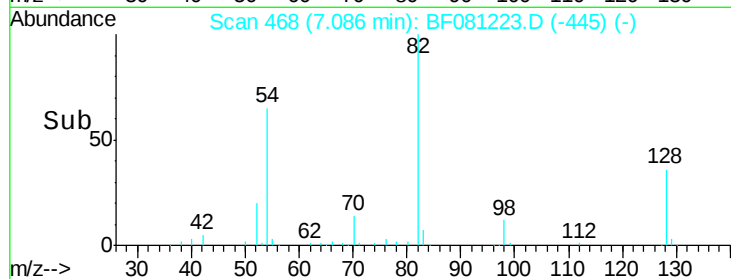
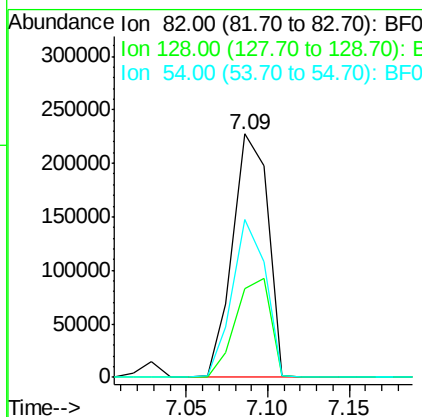
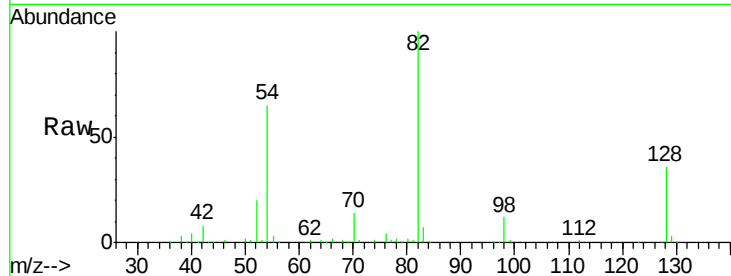




#23
 Nitrobenzene-d5
 Concen: 72.92 ng
 RT: 7.09 min Scan# 468
 Delta R.T. -0.04 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

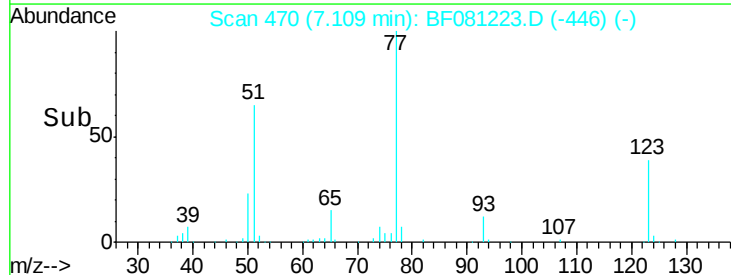
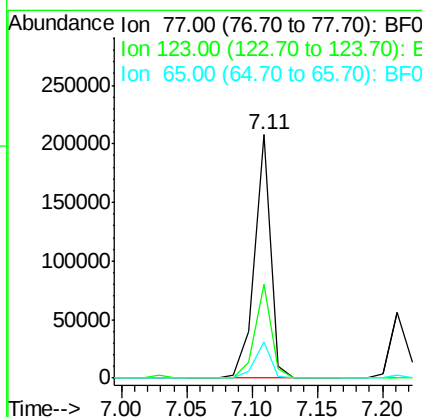
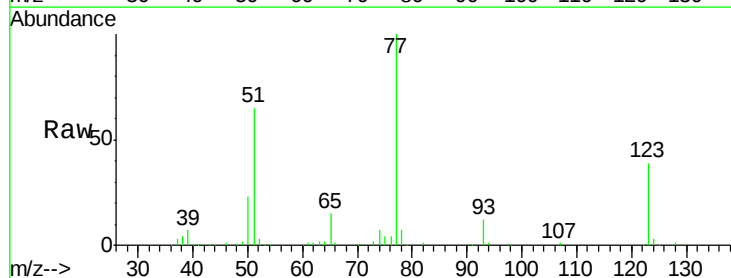
Instrument :
 BNA_F
 ClientSampleID :

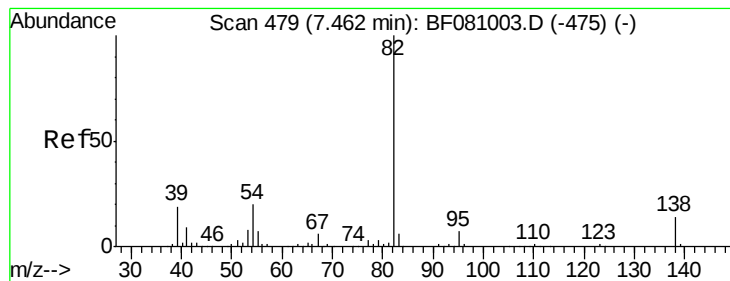
Tot Ion:	82	Resp:	341466
Ion	Ratio	Lower	Upper
82	100		
128	36.3	28.6	42.8
54	64.9	55.1	82.7



#24
 Nitrobenzene
 Concen: 36.78 ng
 RT: 7.11 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion:	77	Resp:	180057
Ion	Ratio	Lower	Upper
77	100		
123	38.6	32.9	49.3
65	15.0	12.5	18.7





#25

Isophorone

Concen: 36.93 ng

RT: 7.36 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampled :

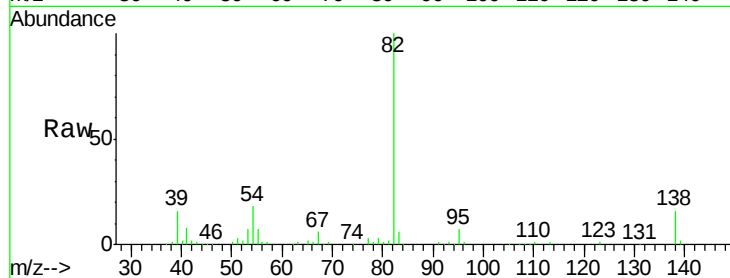
Tot Ion: 82 Resp: 322449

Ion Ratio Lower Upper

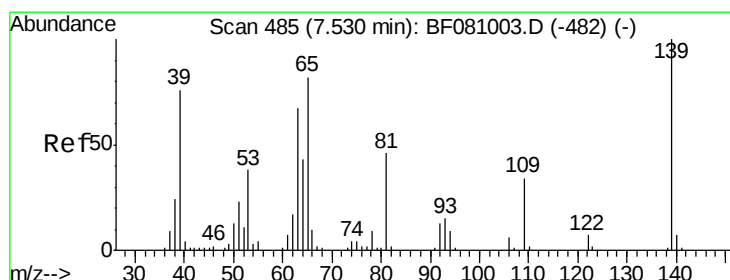
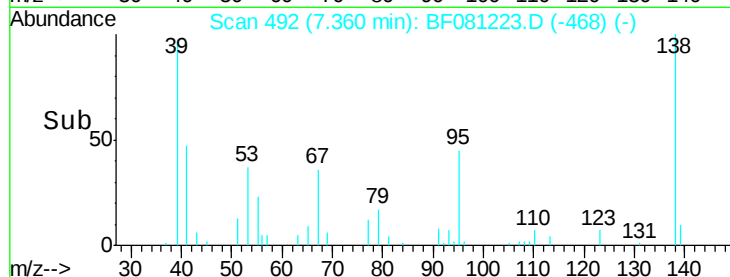
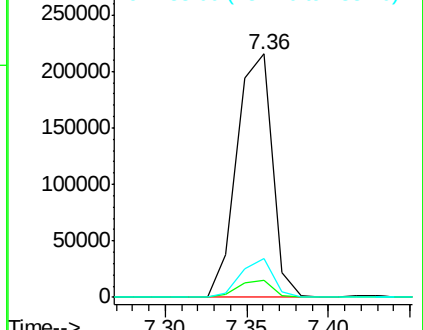
82 100

95 7.2 6.2 9.2

138 15.9 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: 40.94 ng

RT: 7.43 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

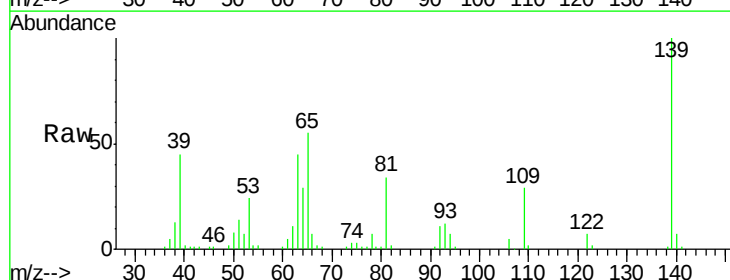
Tgt Ion: 139 Resp: 83363

Ion Ratio Lower Upper

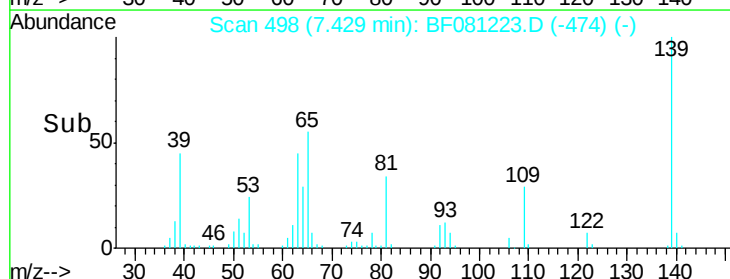
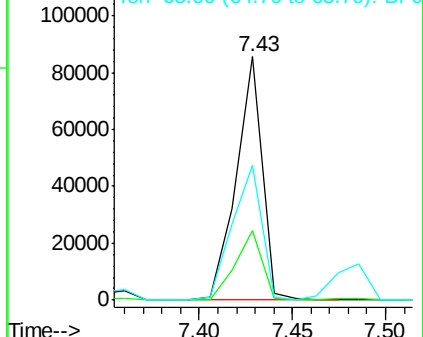
139 100

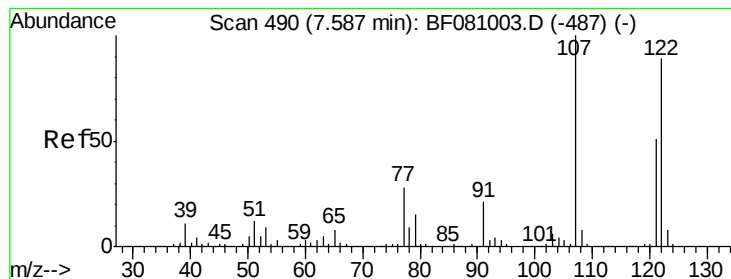
109 28.7 32.1 48.1#

65 55.2 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: 41.27 ng

RT: 7.49 min Scan# 503

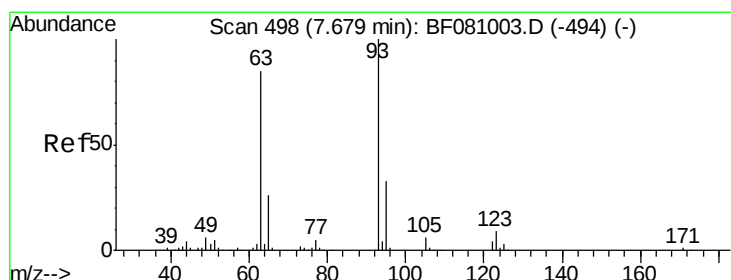
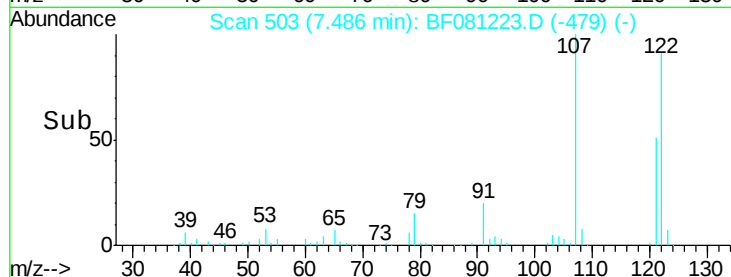
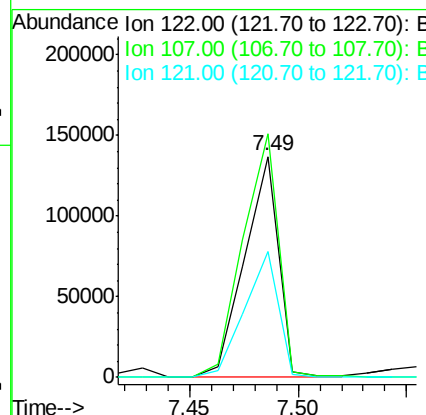
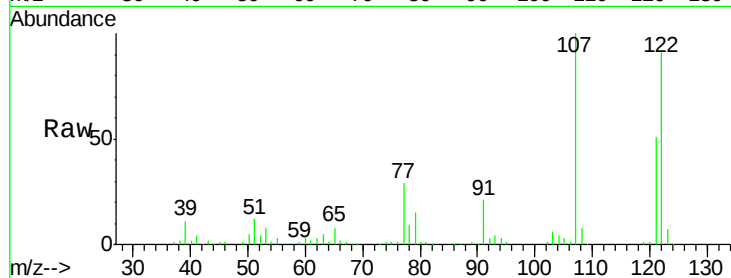
Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 148664
Ion Ratio Lower Upper
122 100
107 110.4 103.8 155.6
121 56.8 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.02 ng

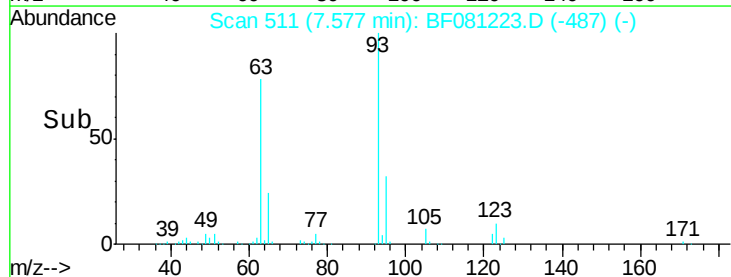
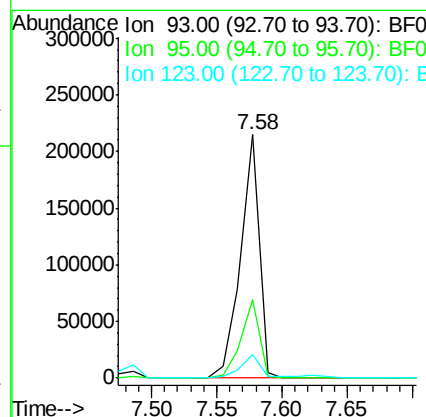
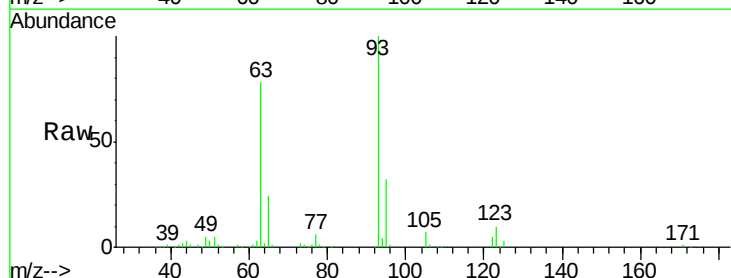
RT: 7.58 min Scan# 511

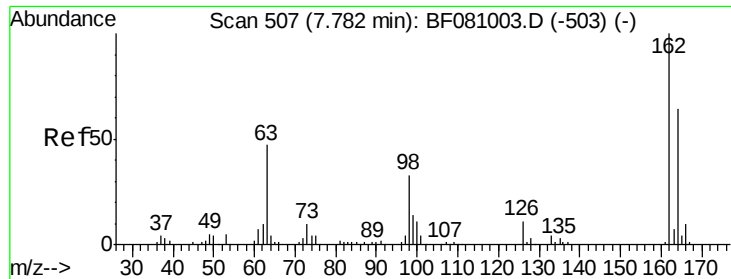
Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Tgt Ion: 93 Resp: 211630
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.8
123 9.7 7.4 11.0

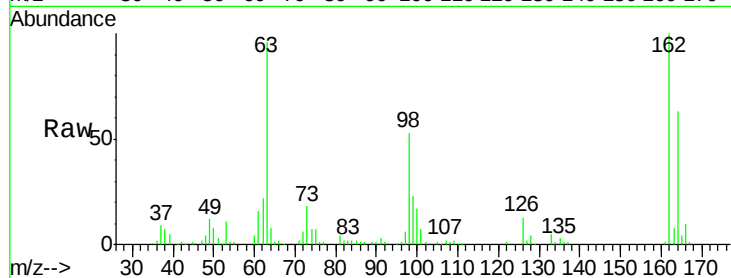




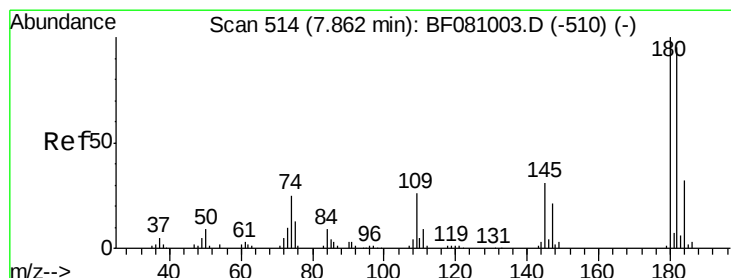
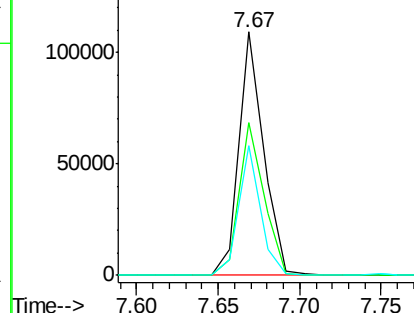
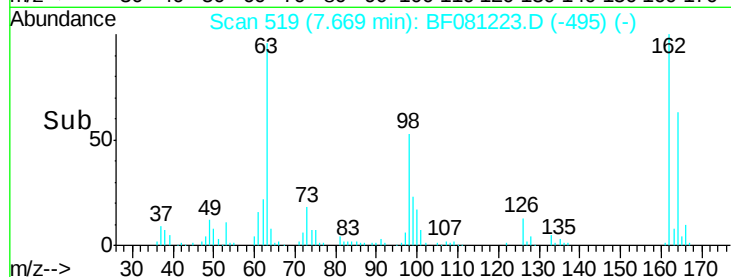
#29
 2,4-Dichlorophenol
 Concen: 37.24 ng
 RT: 7.67 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.2	83.2
98	53.0	12.3	52.3

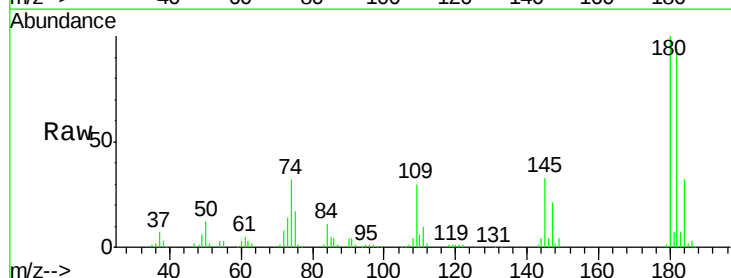


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

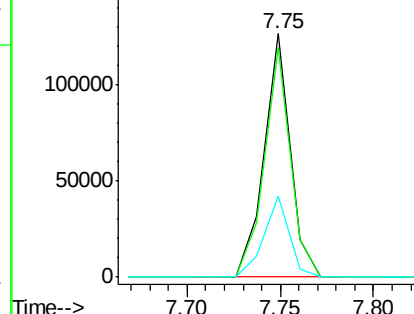
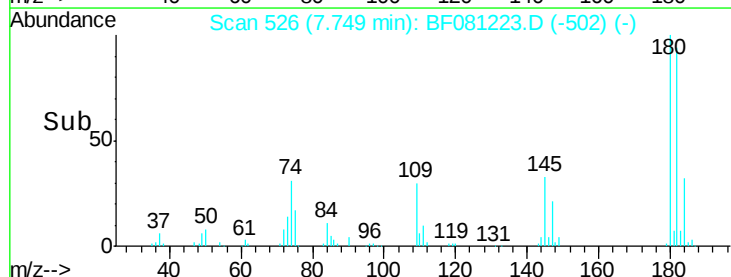


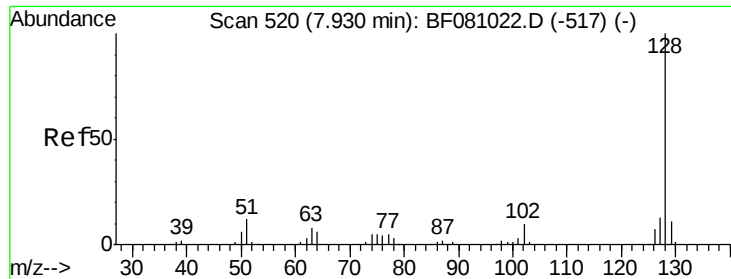
#30
 1,2,4-Trichlorobenzene
 Concen: 36.20 ng
 RT: 7.75 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.4	114.6
145	33.2	25.4	38.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

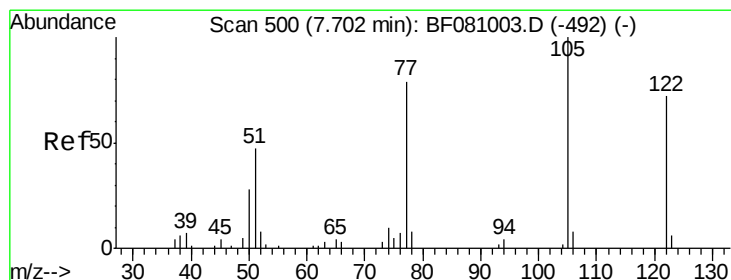
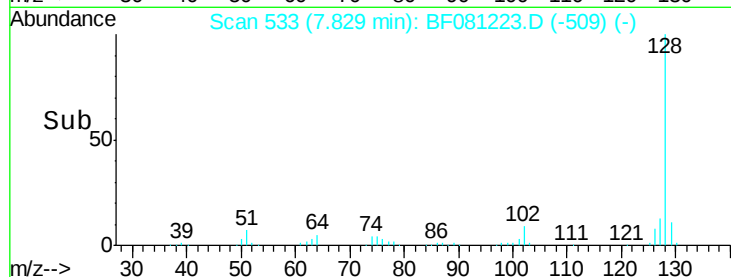
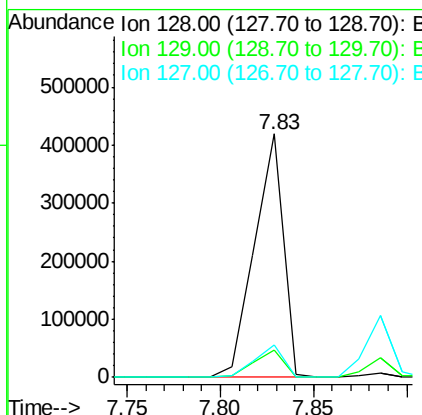
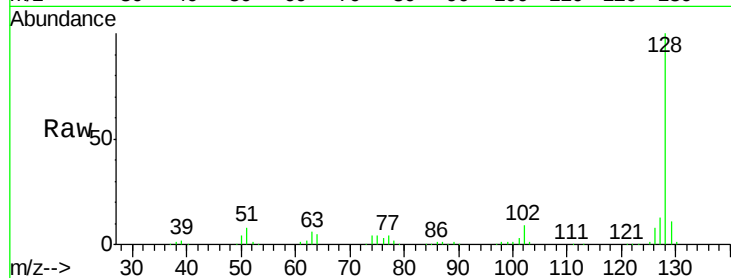




#31
Naphthalene
Concen: 37.57 ng
RT: 7.83 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

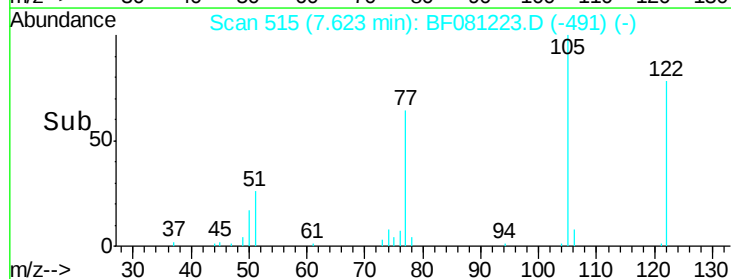
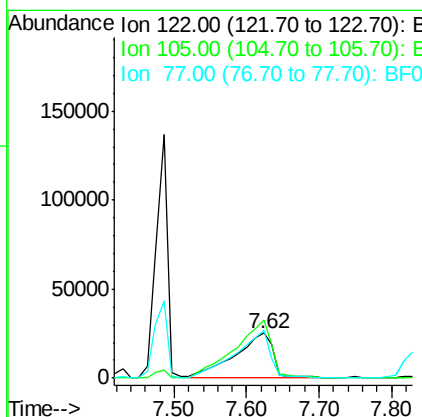
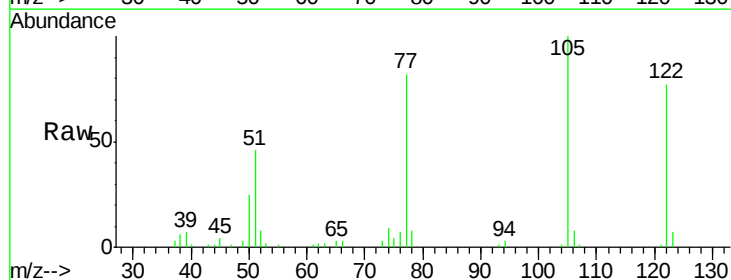
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 447988
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 45.15 ng
RT: 7.62 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion:122 Resp: 91472
Ion Ratio Lower Upper
122 100
105 129.4 113.8 153.8
77 106.1 93.8 133.8

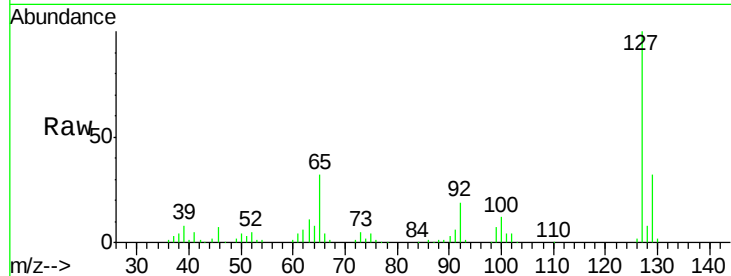




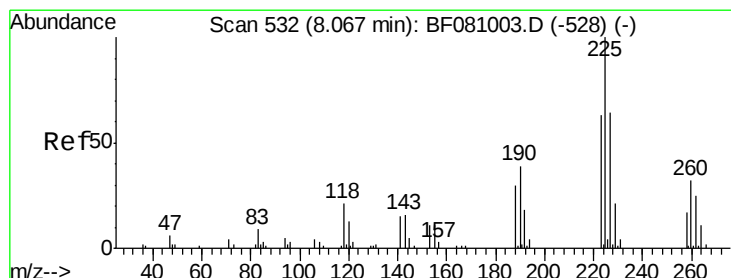
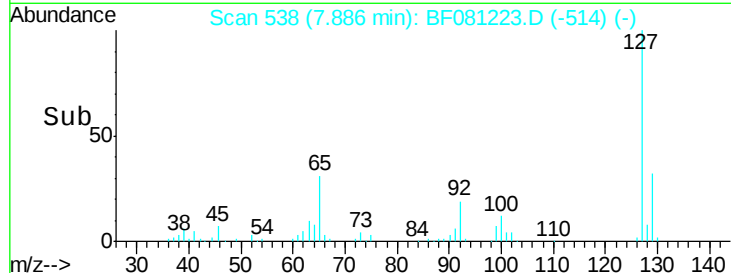
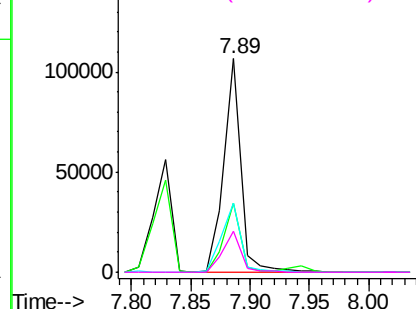
#33
4-Chloroaniline
Concen: 20.94 ng
RT: 7.89 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.2	37.8
65	32.1	37.8	56.6#
92	19.1	19.5	29.3#

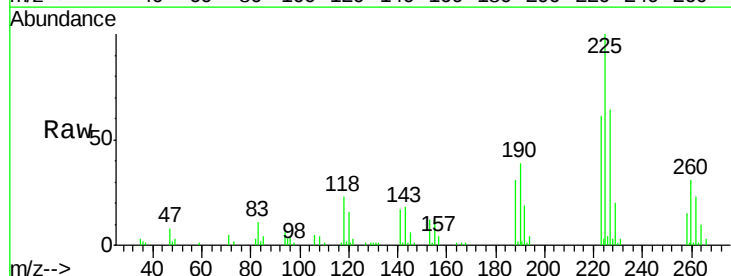


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

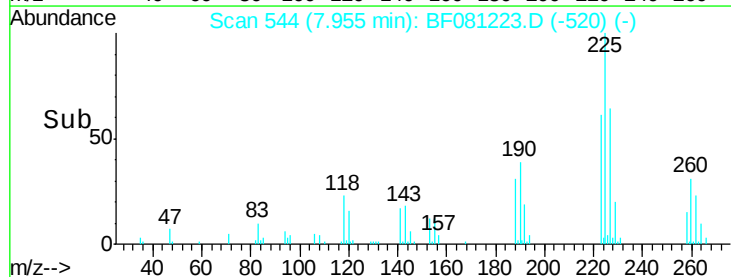
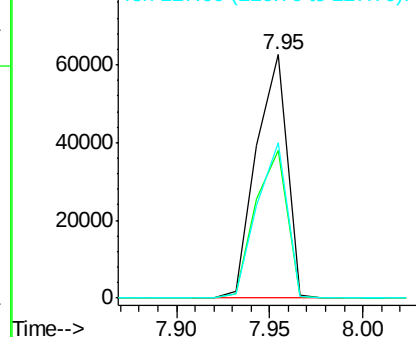


#34
Hexachlorobutadiene
Concen: 37.50 ng
RT: 7.95 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	52.6	79.0
227	63.6	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: 21.58 ng

RT: 8.26 min Scan# 571

Delta R.T. -0.04 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

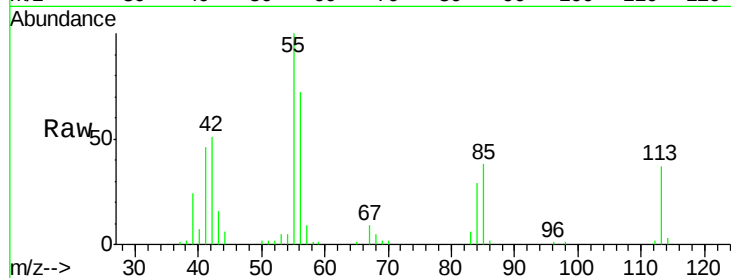
Tot Ion:113 Resp: 22869

Ion Ratio Lower Upper

113 100

55 270.4 280.4 320.4#

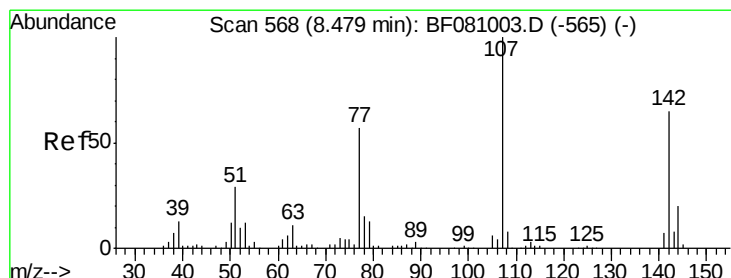
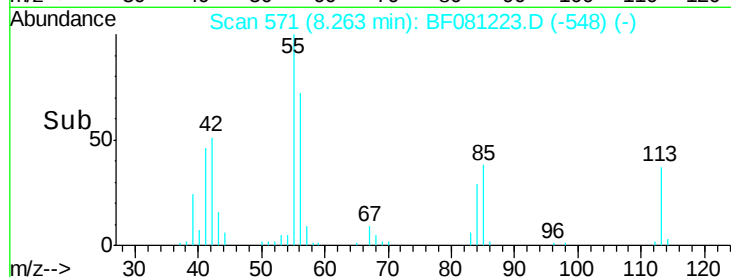
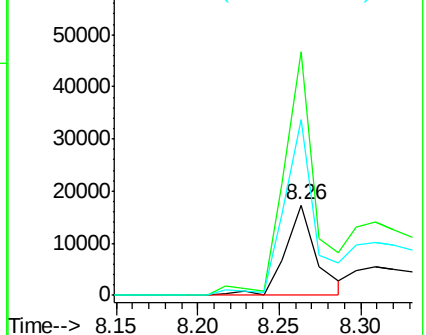
56 195.4 205.9 245.9#



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: 38.22 ng

RT: 8.38 min Scan# 581

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

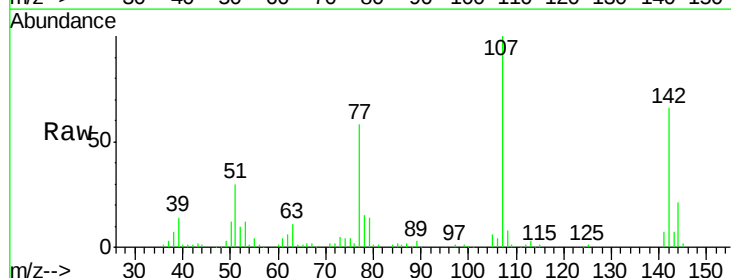
Tgt Ion:107 Resp: 138138

Ion Ratio Lower Upper

107 100

144 20.7 17.2 25.8

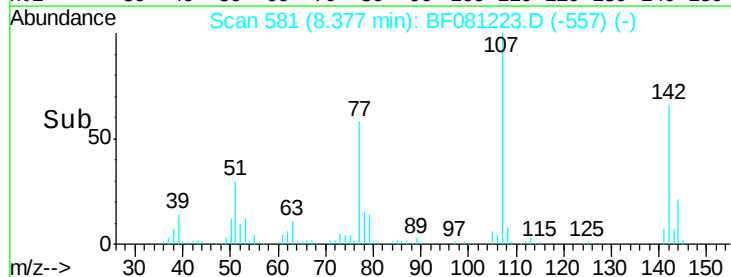
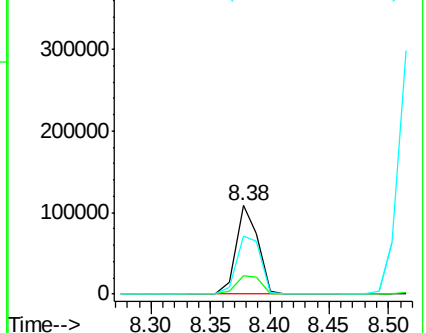
142 66.0 54.9 82.3

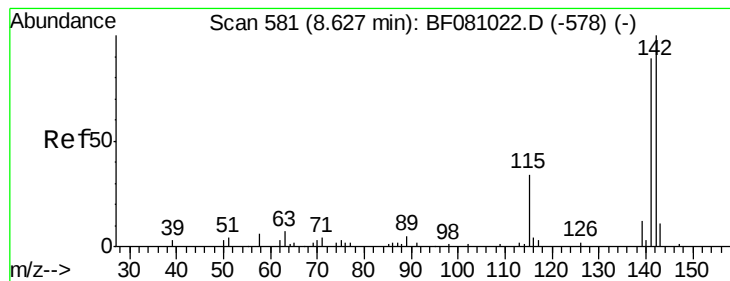


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.28 ng

RT: 8.51 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

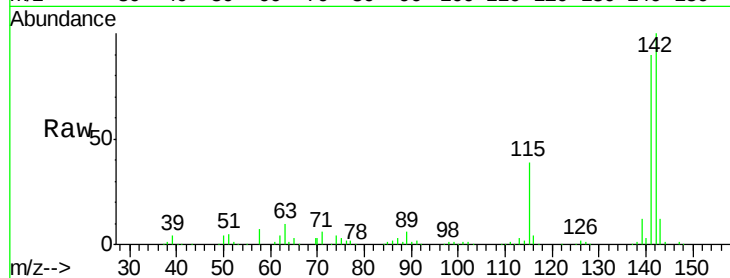
Tot Ion:142 Resp: 273267

Ion Ratio Lower Upper

142 100

141 90.2 71.4 107.2

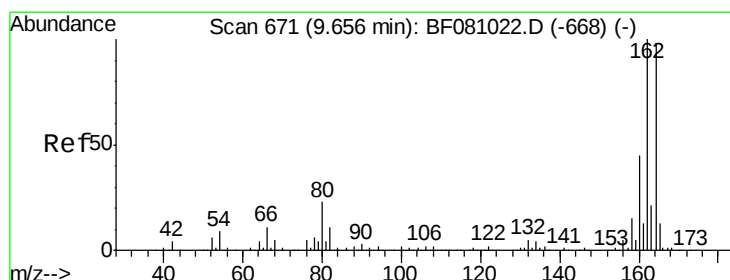
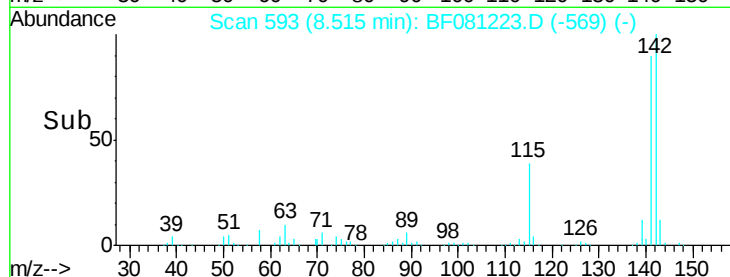
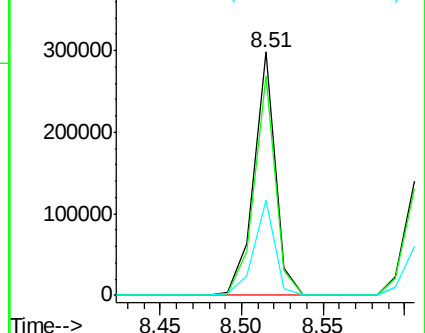
115 39.0 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 683

Delta R.T. -0.04 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

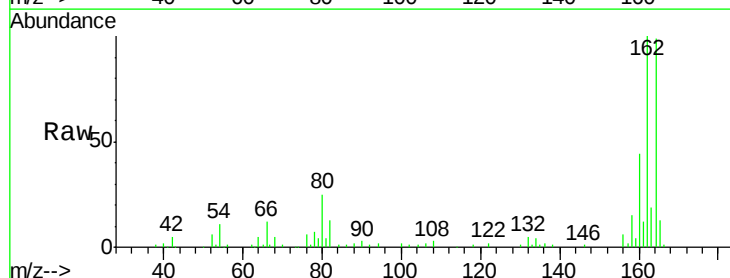
Tgt Ion:164 Resp: 97712

Ion Ratio Lower Upper

164 100

162 101.1 83.8 125.8

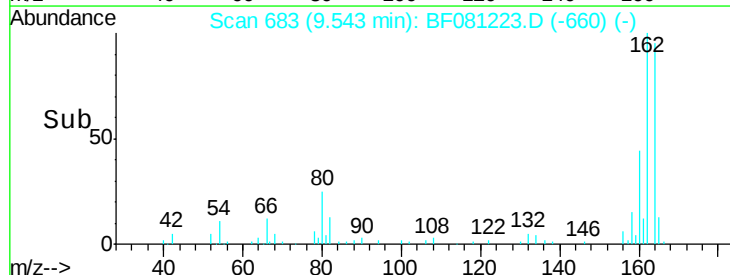
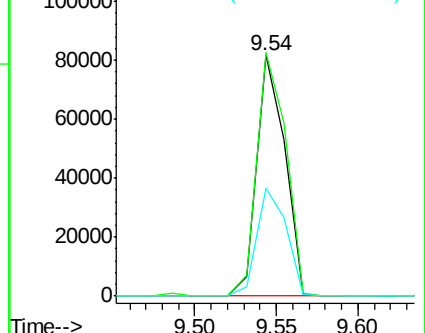
160 44.8 39.8 59.8

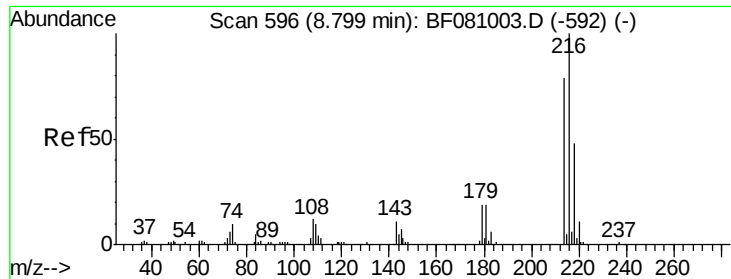


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

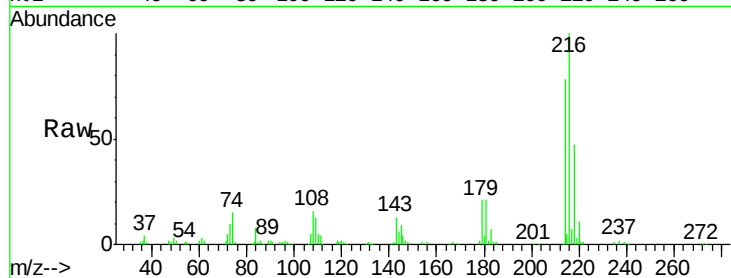




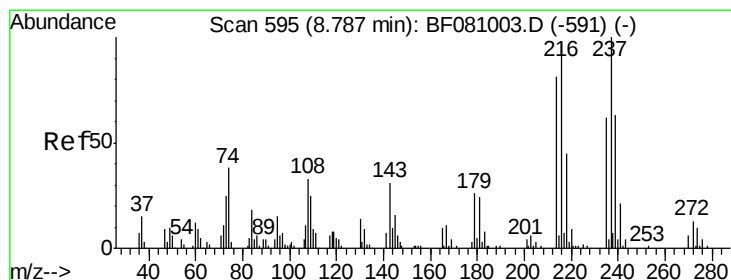
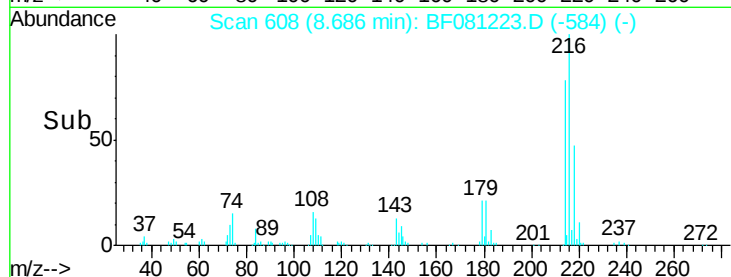
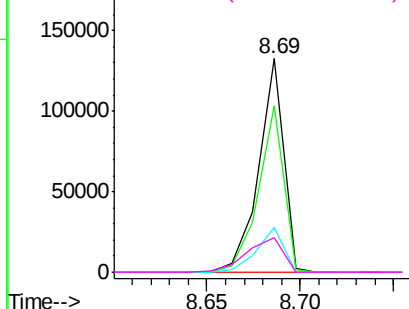
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.62 ng
 RT: 8.69 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	121751
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.8
179	22.5	17.8	26.8
108	23.1	16.2	24.2

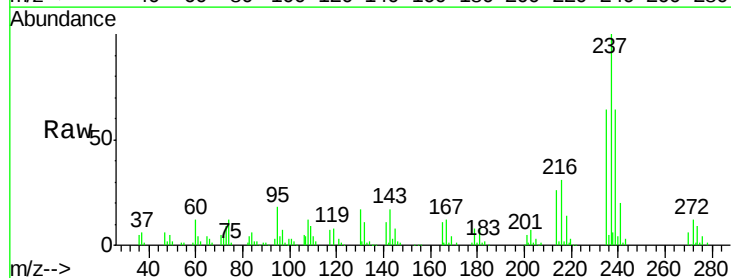


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

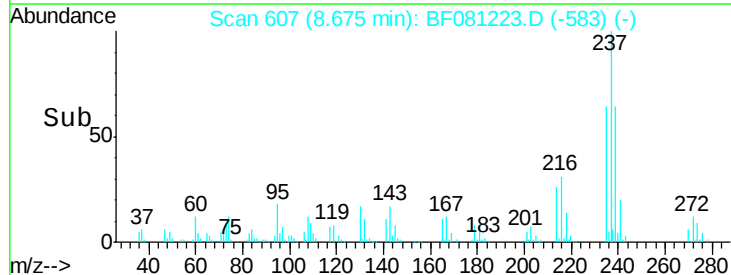
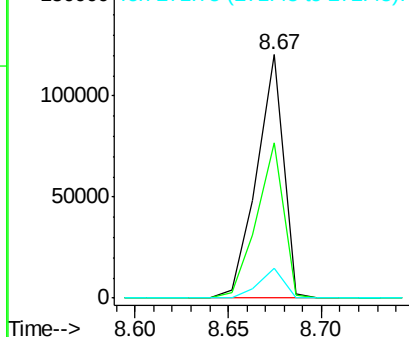


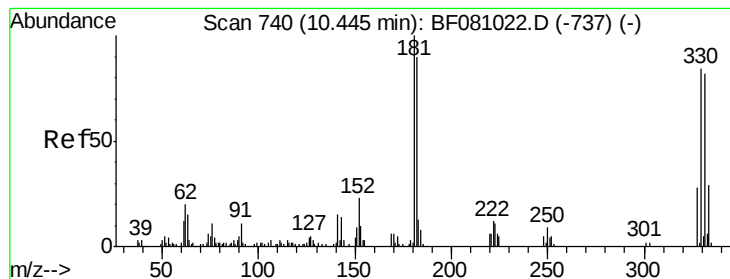
#40
 Hexachlorocyclopentadiene
 Concen: 73.52 ng
 RT: 8.67 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion:	237	Resp:	119968
Ion	Ratio	Lower	Upper
237	100		
235	63.5	43.6	83.6
272	12.0	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: 103.11 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampled :

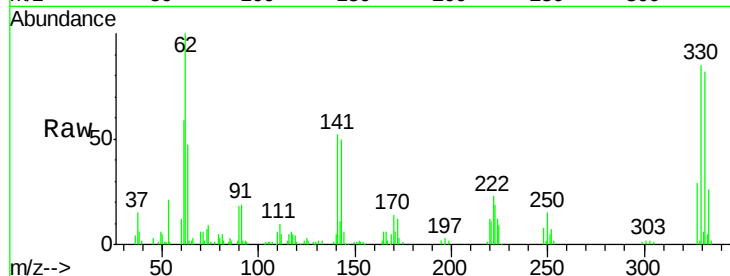
Tot Ion:330 Resp: 87338

Ion Ratio Lower Upper

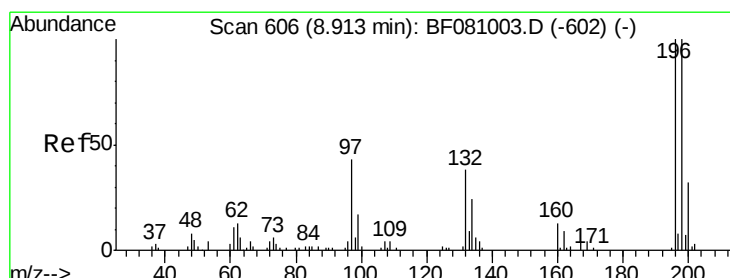
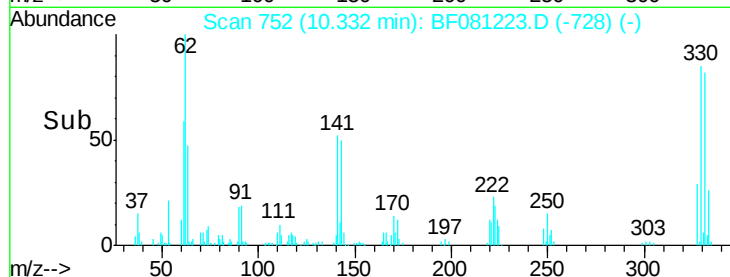
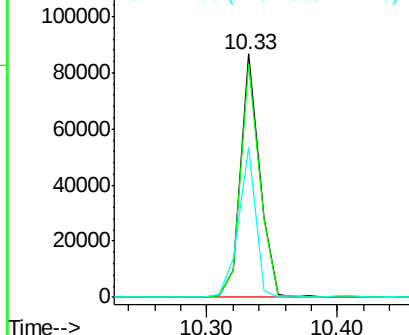
330 100

332 96.2 77.3 115.9

141 55.3 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: 38.32 ng

RT: 8.80 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

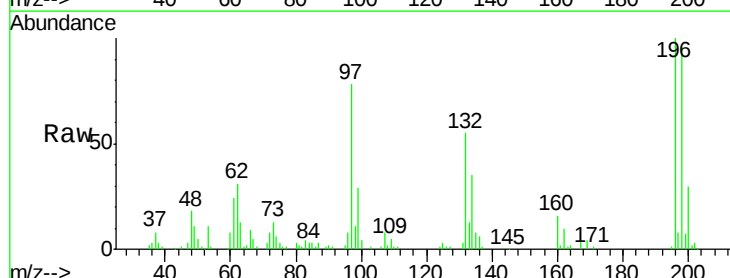
Tgt Ion:196 Resp: 85338

Ion Ratio Lower Upper

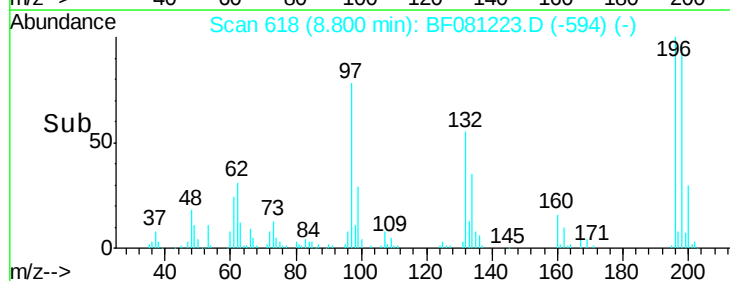
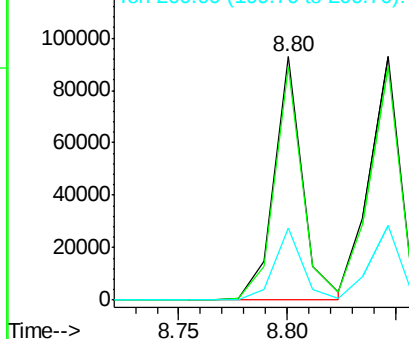
196 100

198 95.7 74.6 111.8

200 29.8 22.7 34.1



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

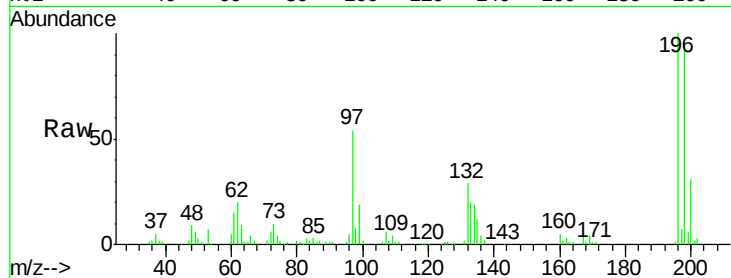




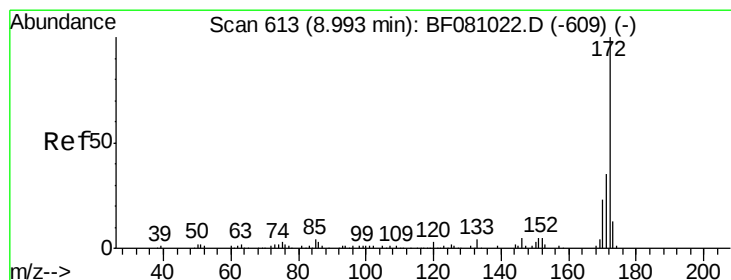
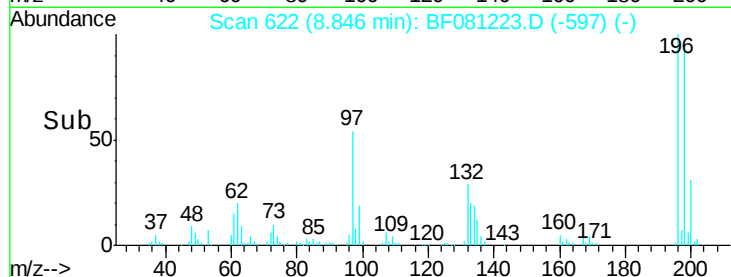
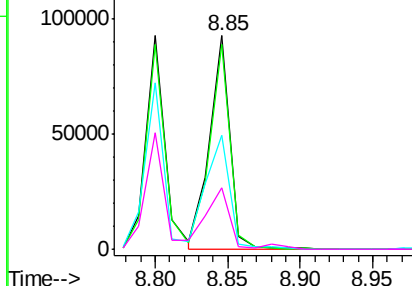
#43
 2,4,5-Trichlorophenol
 Concen: 40.87 ng
 RT: 8.85 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	95.8	78.3	117.5	
97	53.5	42.7	64.1	
132	29.0	23.3	34.9	

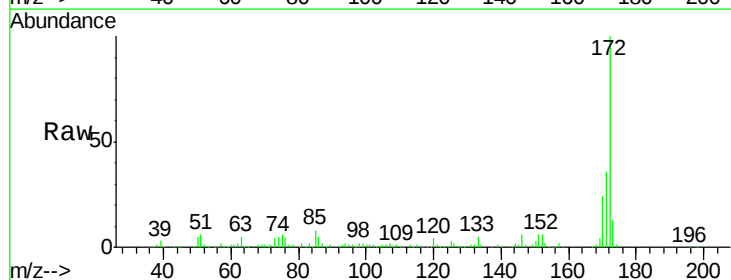


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

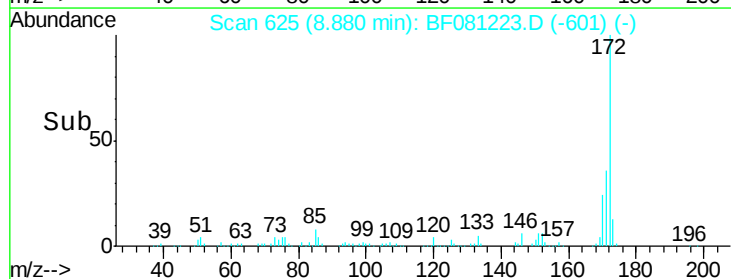
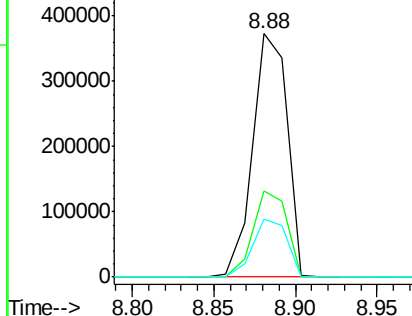


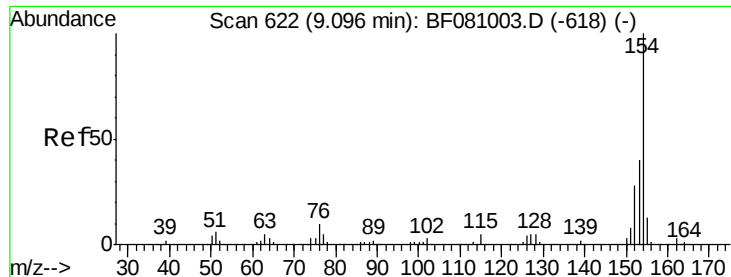
#44
 2-Fluorobiphenyl
 Concen: 73.37 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.5	28.9	43.3	
170	23.8	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: 41.78 ng

RT: 8.98 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

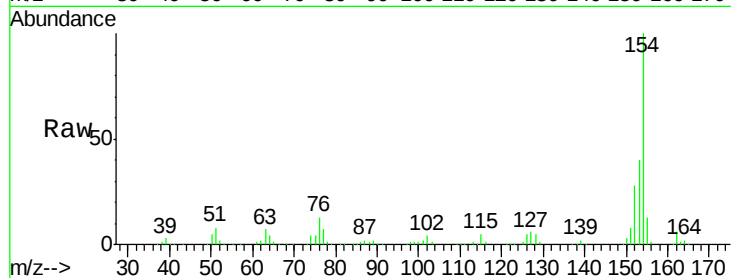
Tot Ion:154 Resp: 359578

Ion Ratio Lower Upper

154 100

153 40.4 19.5 59.5

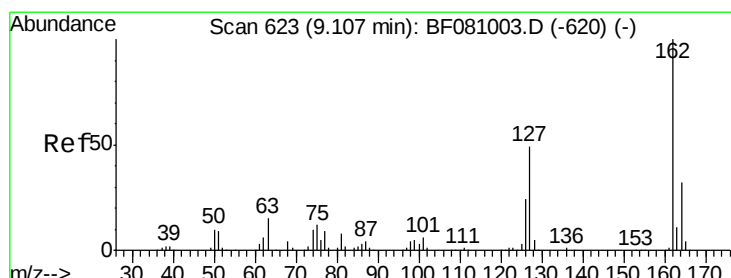
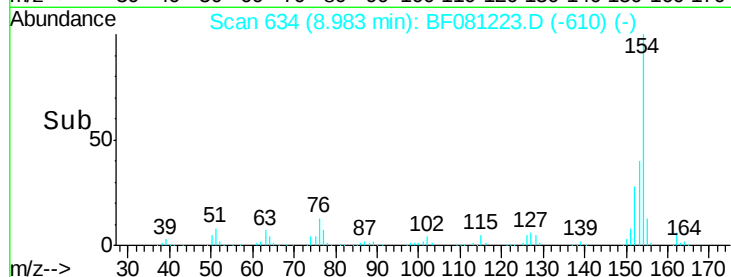
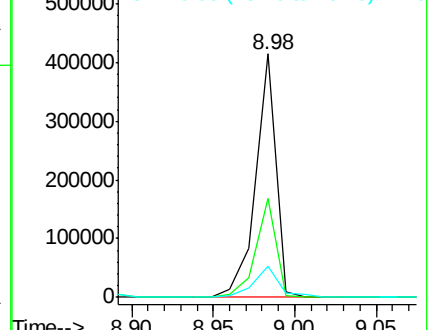
76 12.7 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.53 ng

RT: 9.01 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

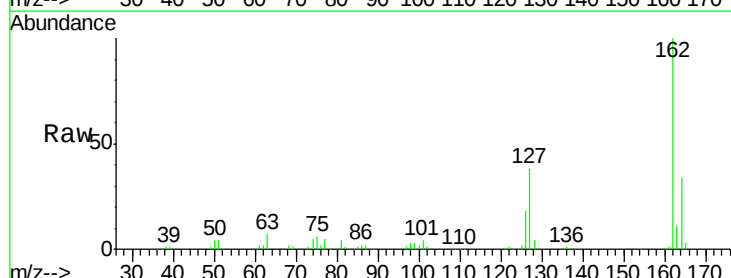
Tgt Ion:162 Resp: 252580

Ion Ratio Lower Upper

162 100

127 38.4 31.3 46.9

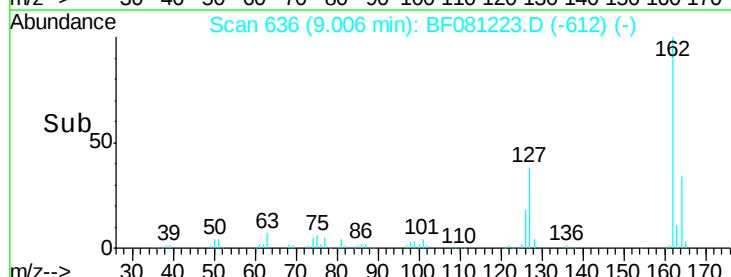
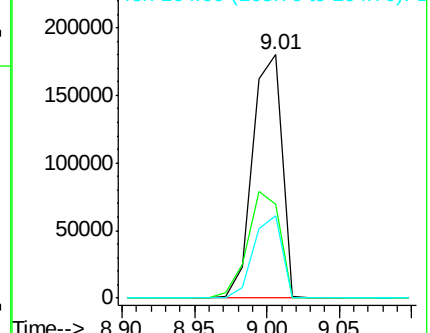
164 33.7 26.3 39.5



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

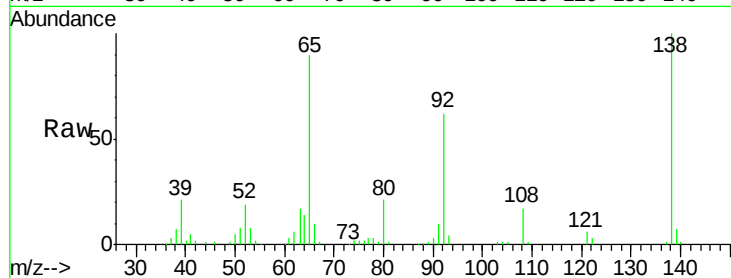




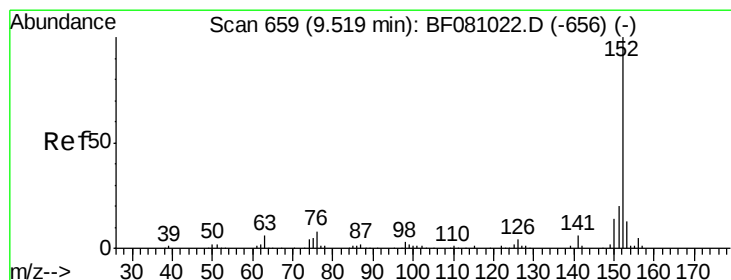
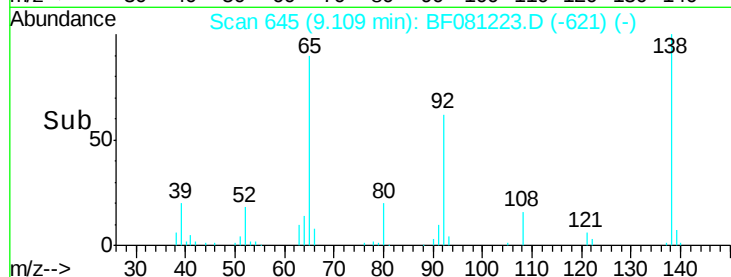
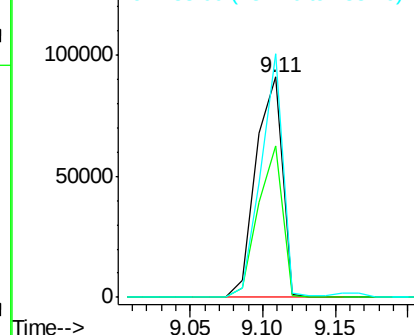
#47
2-Nitroaniline
Concen: 40.76 ng
RT: 9.11 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 115335
Ion Ratio Lower Upper
65 100
92 68.8 45.6 68.4#
138 110.7 57.9 86.9#

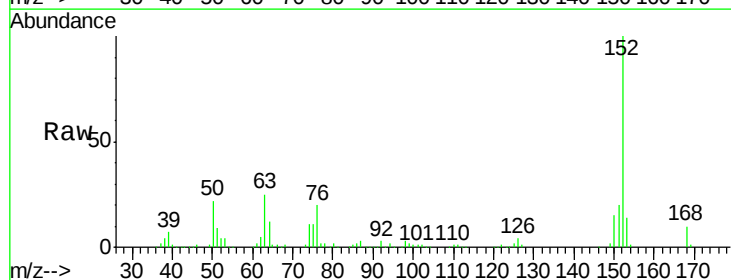


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

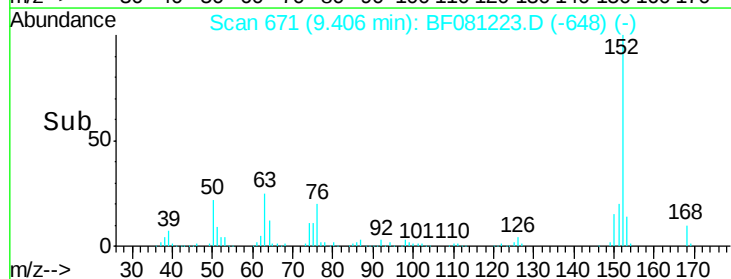
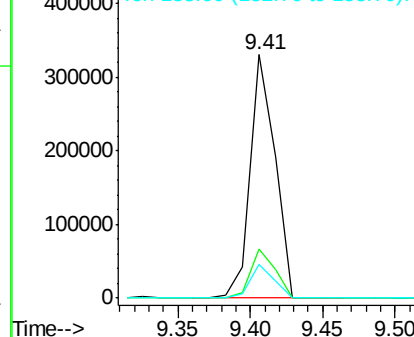


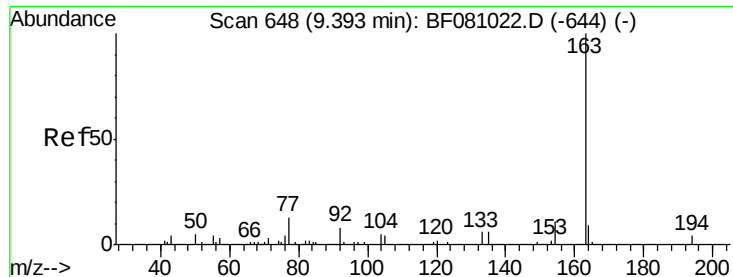
#48
Acenaphthylene
Concen: 31.64 ng
RT: 9.41 min Scan# 671
Delta R.T. -0.04 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion: 152 Resp: 391325
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.8 9.8 14.6



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

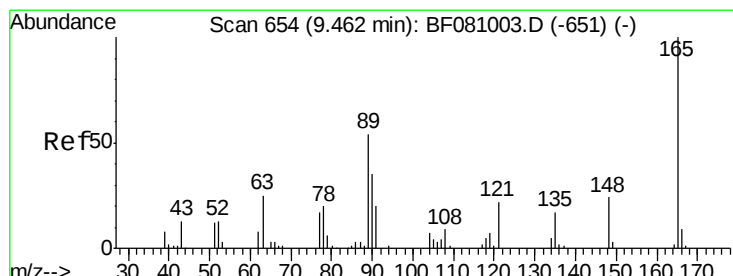
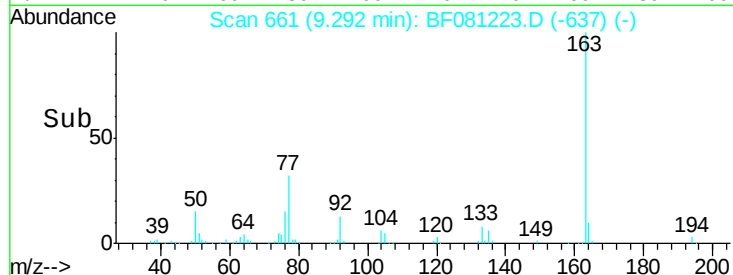
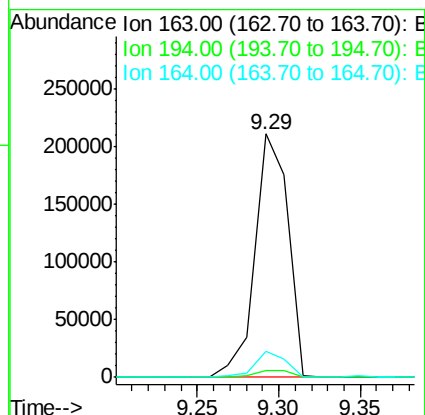
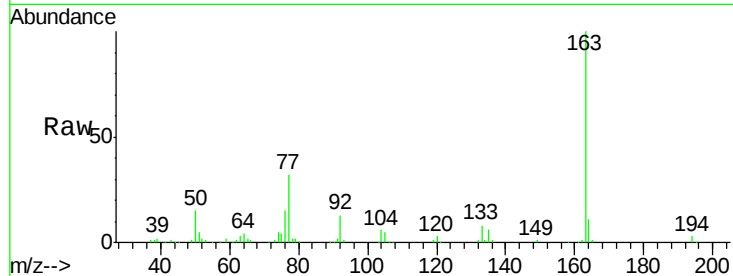




#49
Dimethylphthalate
Concen: 36.90 ng
RT: 9.29 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

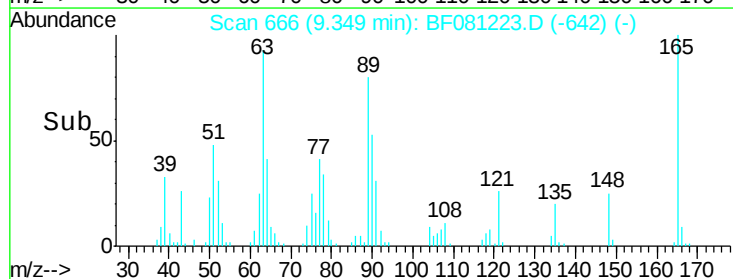
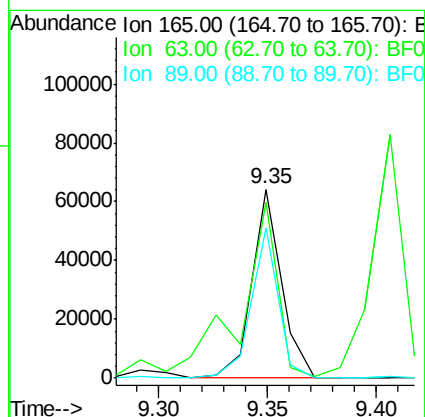
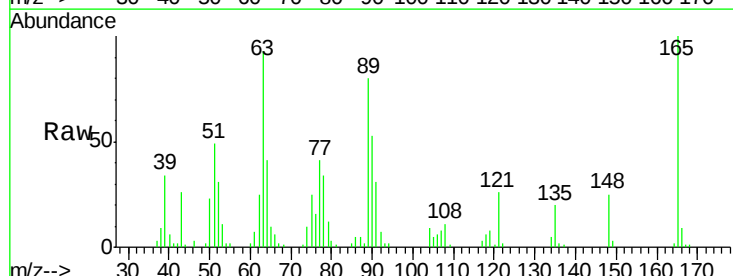
Instrument :
BNA_F
ClientSampled :

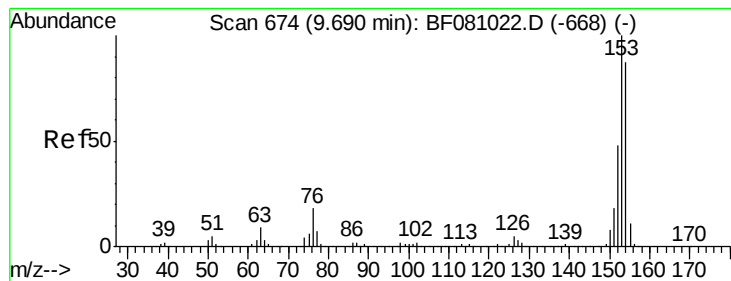
Tot Ion:163 Resp: 296951
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 10.6 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 35.02 ng
RT: 9.35 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion:165 Resp: 60510
Ion Ratio Lower Upper
165 100
63 92.8 49.5 74.3#
89 79.8 47.6 71.4#





#51

Acenaphthene

Concen: 31.66 ng

RT: 9.58 min Scan# 686

Delta R.T. -0.04 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

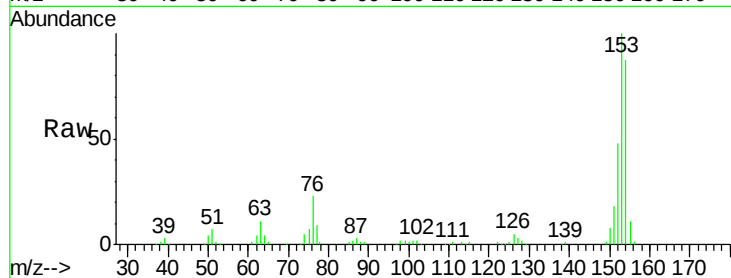
Tot Ion:154 Resp: 234472

Ion Ratio Lower Upper

154 100

153 114.7 91.4 137.2

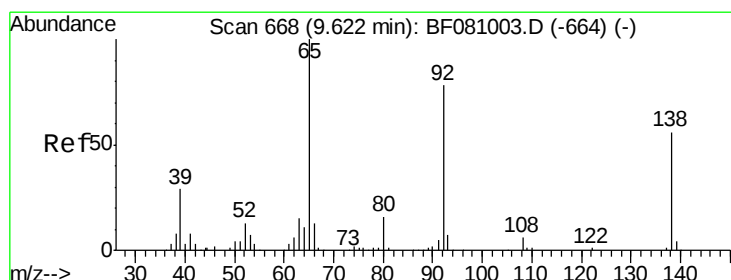
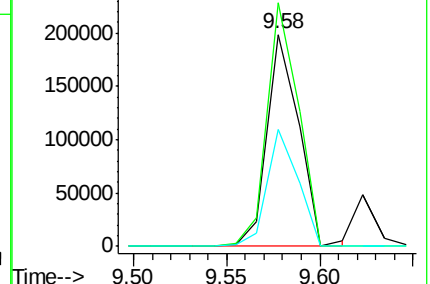
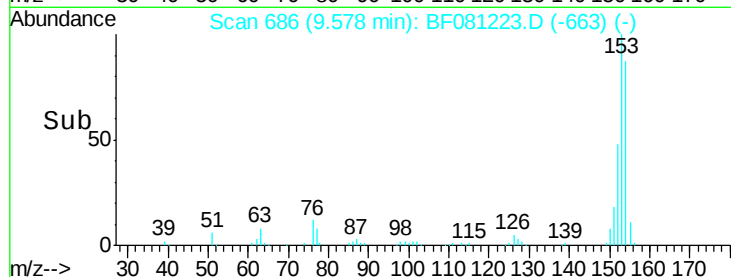
152 55.1 43.7 65.5



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: 25.40 ng

RT: 9.51 min Scan# 680

Delta R.T. -0.04 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

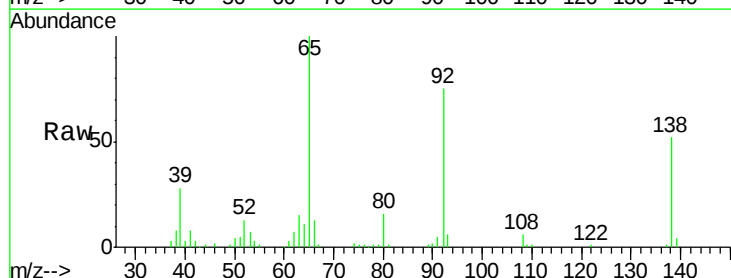
Tgt Ion:138 Resp: 54919

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.2

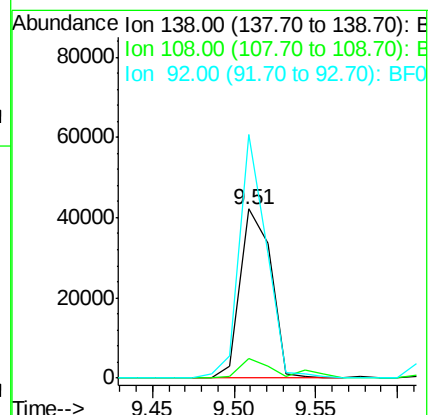
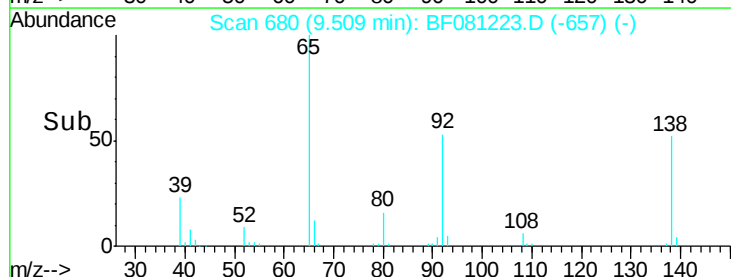
92 144.3 113.2 169.8



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

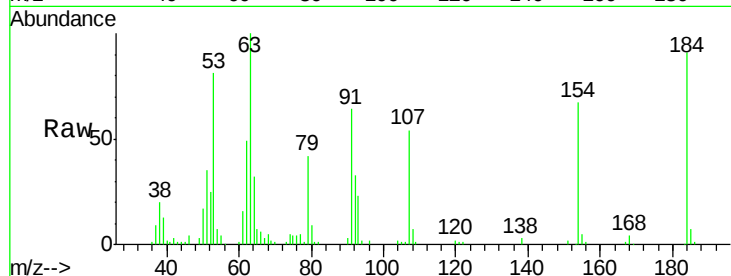




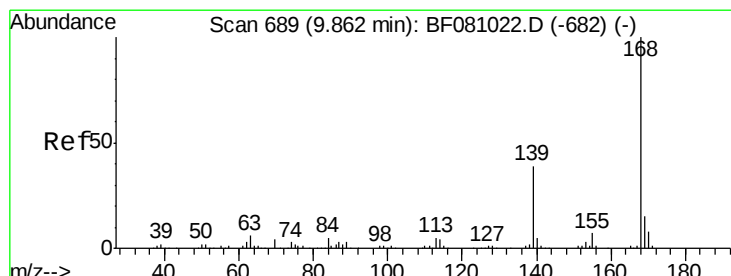
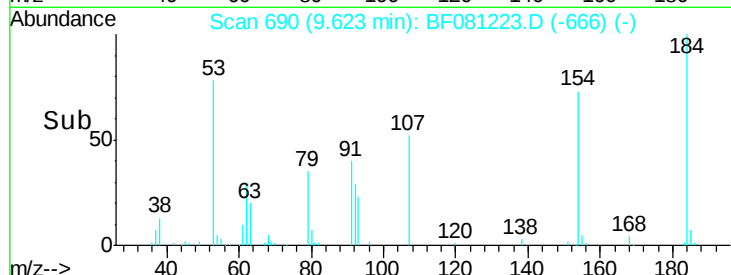
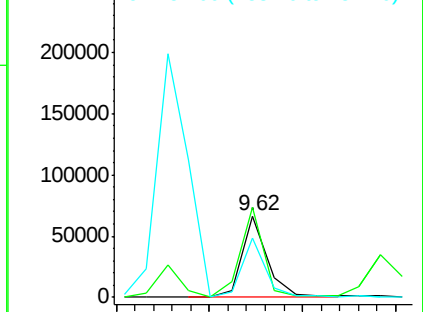
#53
2,4-Dinitrophenol
Concen: 67.80 ng
RT: 9.62 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 63020
Ion Ratio Lower Upper
184 100
63 109.6 101.7 152.5
154 72.9 67.4 101.0

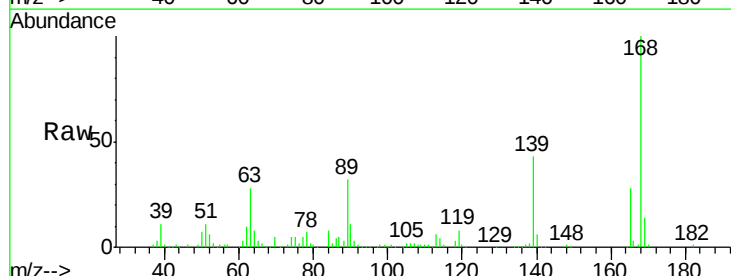


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

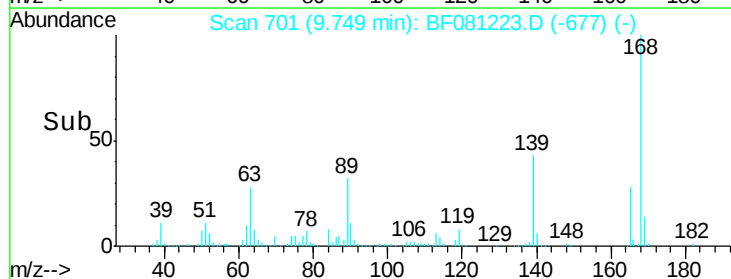
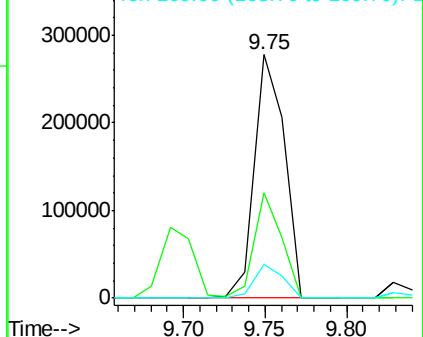


#54
Dibenzofuran
Concen: 35.85 ng
RT: 9.75 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion:168 Resp: 355714
Ion Ratio Lower Upper
168 100
139 43.4 29.3 43.9
169 13.6 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

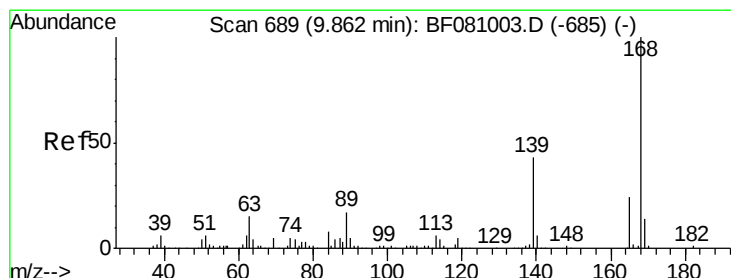
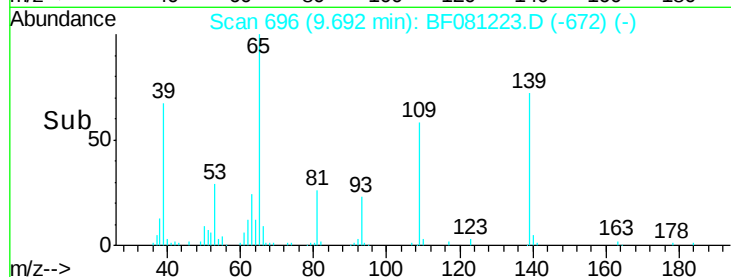
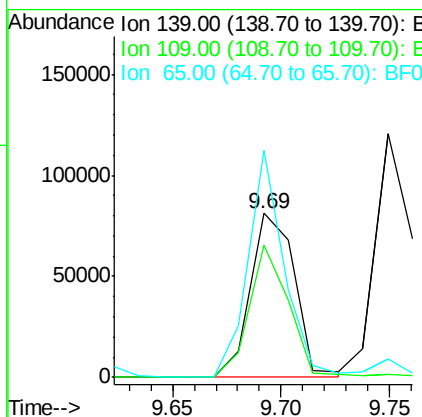
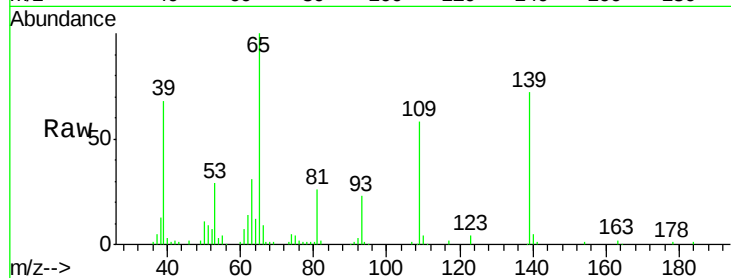




#55
4-Nitrophenol
Concen: 75.84 ng
RT: 9.69 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

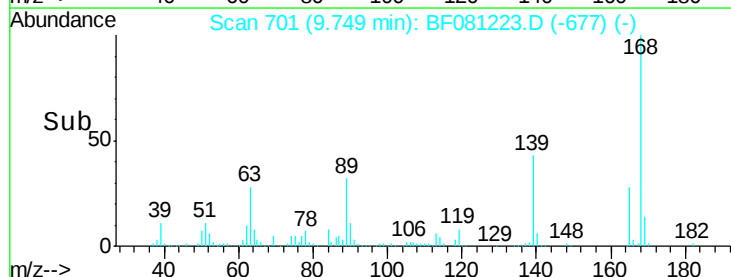
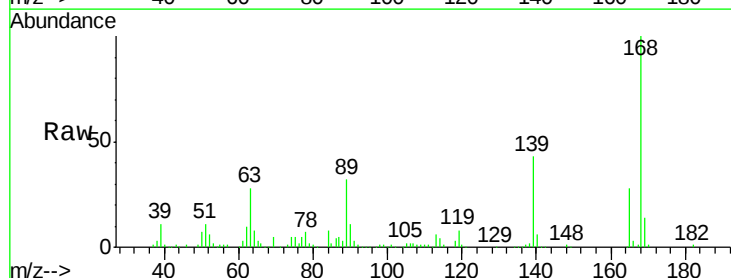
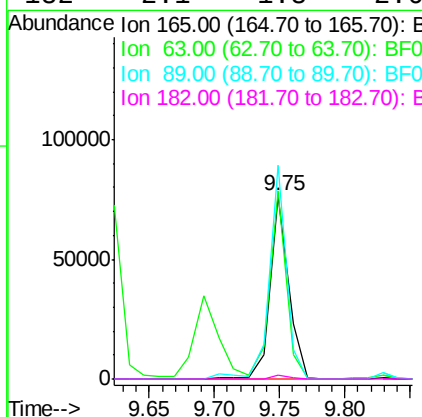
Instrument :
BNA_F
ClientSampleId :

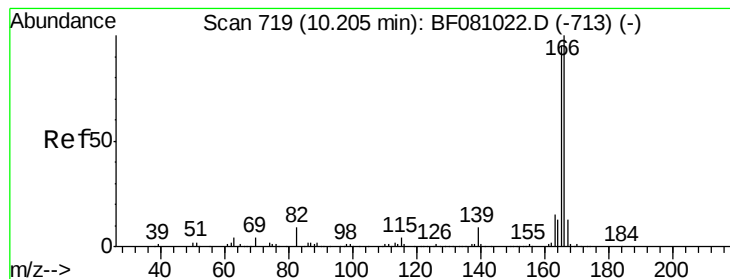
Tot Ion:139 Resp: 115166
Ion Ratio Lower Upper
139 100
109 80.8 80.0 120.0
65 138.3 138.3 178.3#



#56
2,4-Dinitrotoluene
Concen: 33.38 ng
RT: 9.75 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion:165 Resp: 76431
Ion Ratio Lower Upper
165 100
63 102.8 52.2 78.4#
89 116.5 60.1 90.1#
182 2.1 1.8 2.6





#57

Fluorene

Concen: 36.37 ng

RT: 10.09 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

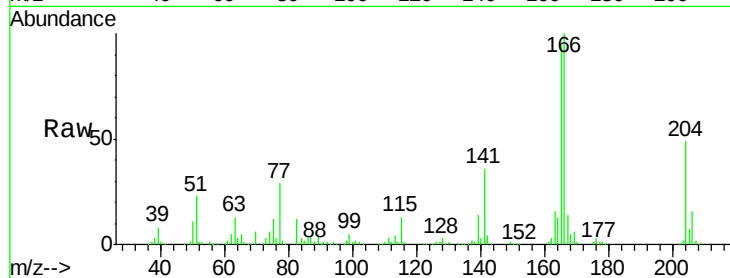
Tot Ion:166 Resp: 277597

Ion Ratio Lower Upper

166 100

165 94.4 75.8 113.8

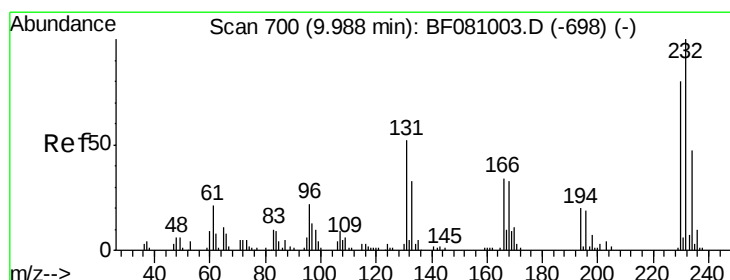
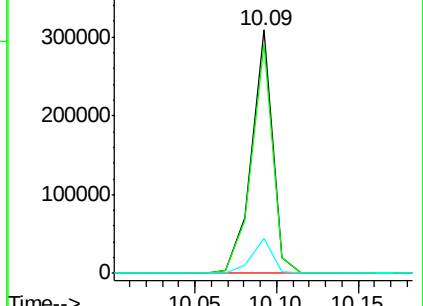
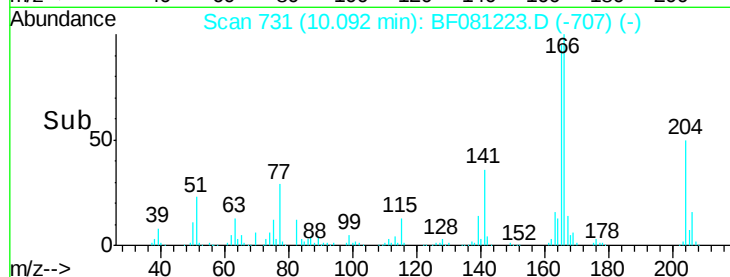
167 14.3 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.78 ng

RT: 9.83 min Scan# 708

Delta R.T. -0.07 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Tgt Ion:232 Resp: 66813

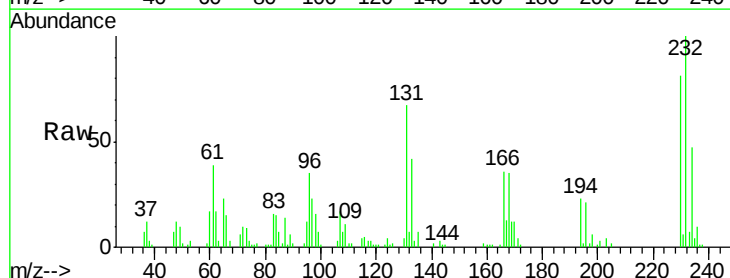
Ion Ratio Lower Upper

232 100

131 48.7 42.2 63.4

130 2.5 2.1 3.1

166 27.7 22.4 33.6

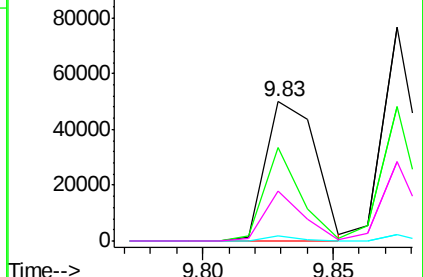
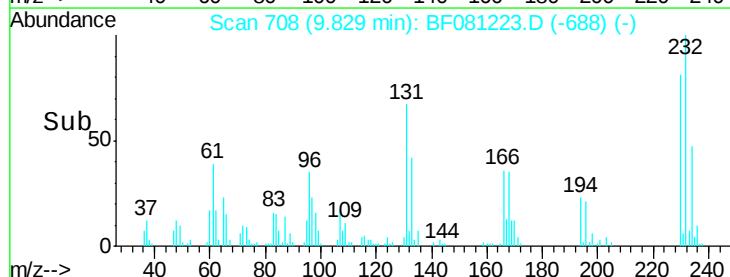


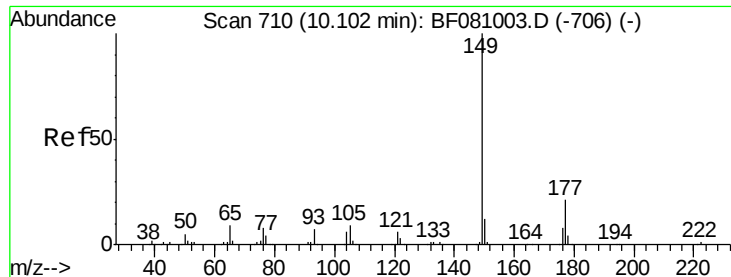
Abundance Ion 232.00 (231.70 to 232.70): E

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

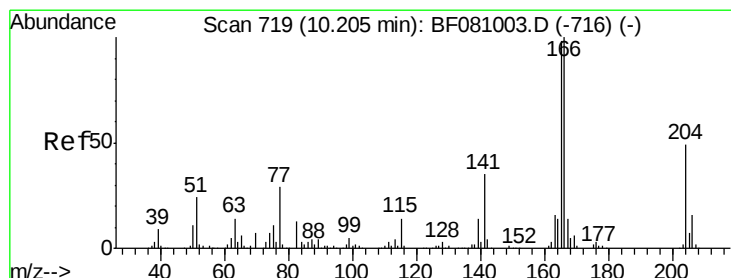
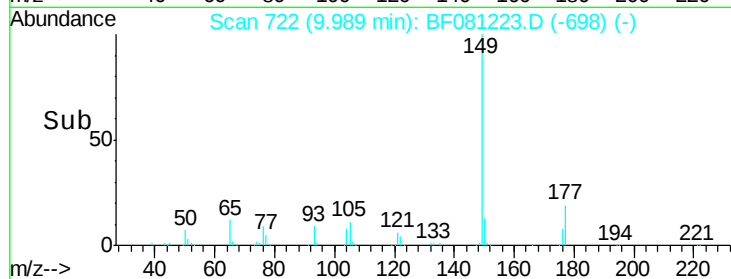
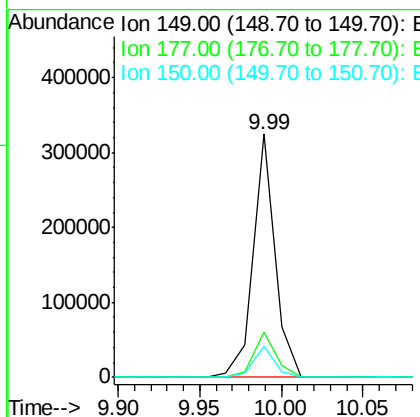
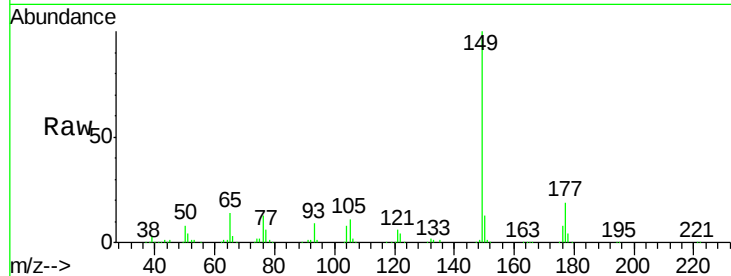




#59
Diethylphthalate
Concen: 35.61 ng
RT: 9.99 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

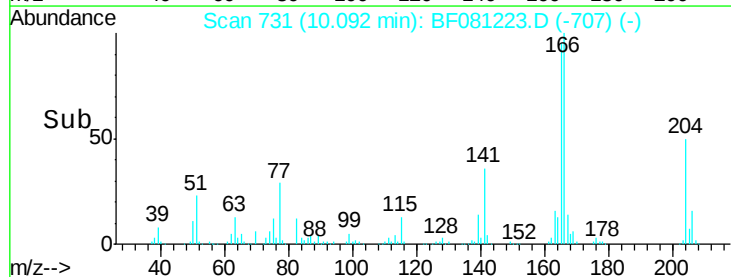
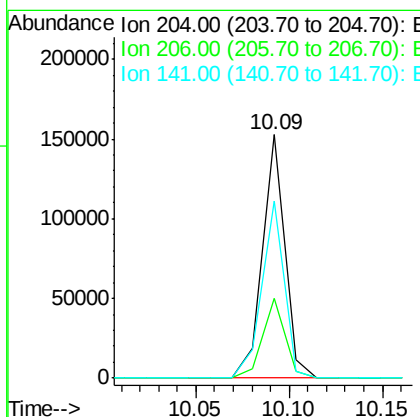
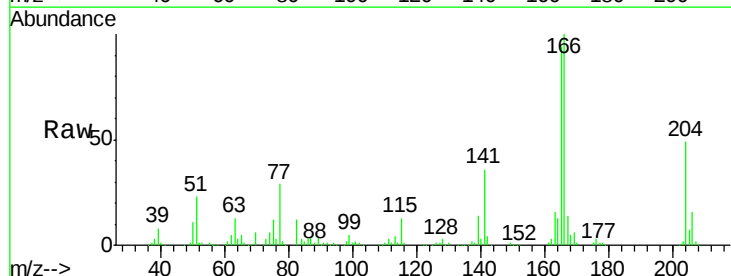
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 303272
Ion Ratio Lower Upper
149 100
177 18.8 14.1 21.1
150 12.8 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 39.06 ng
RT: 10.09 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion:204 Resp: 126182
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 72.9 59.6 89.4

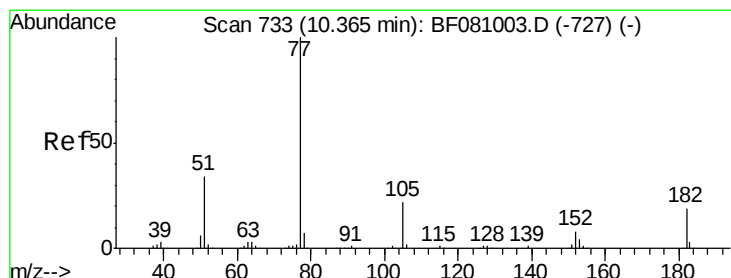
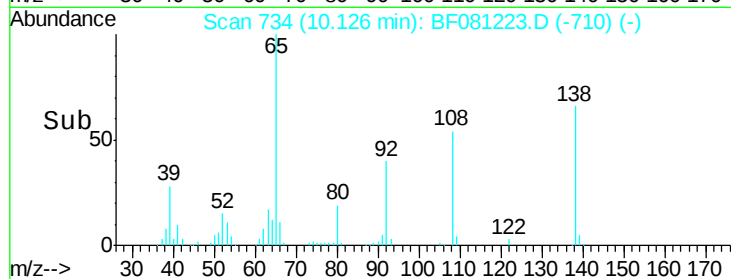
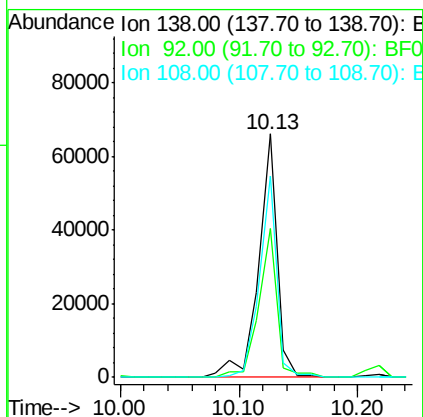
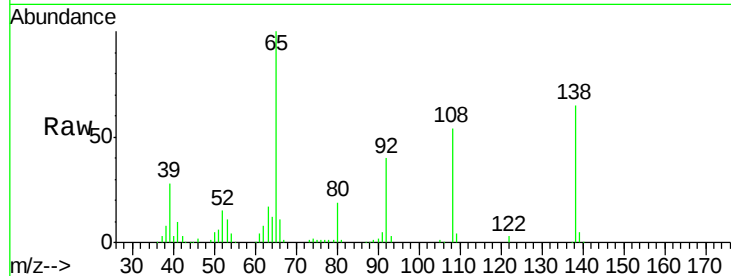




#61
4-Nitroaniline
Concen: 32.68 ng
RT: 10.13 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

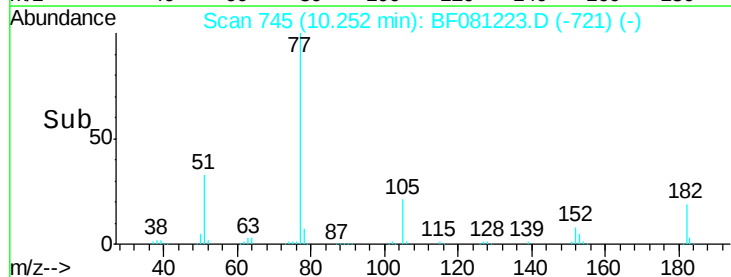
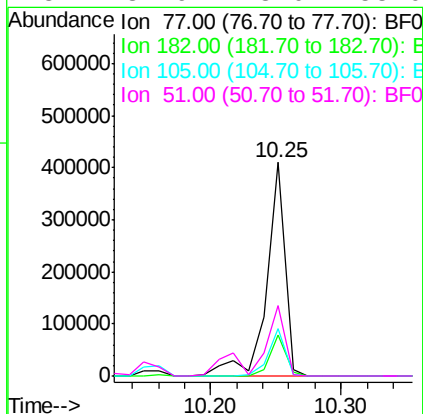
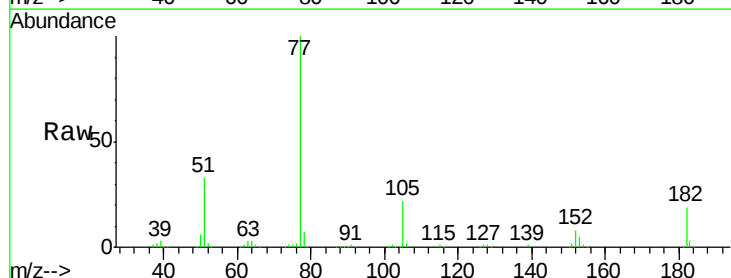
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 72224
Ion Ratio Lower Upper
138 100
92 61.1 34.7 74.7
108 82.5 68.9 108.9



#62
Azobenzene
Concen: 41.74 ng
RT: 10.25 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion: 77 Resp: 409669
Ion Ratio Lower Upper
77 100
182 19.4 0.0 39.0
105 21.9 0.2 40.2
51 32.9 18.0 58.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.02 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

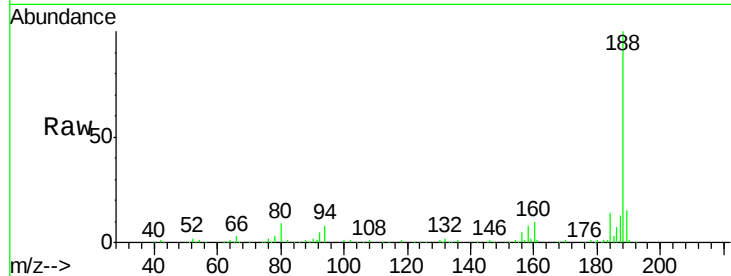
Tot Ion:188 Resp: 205119

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

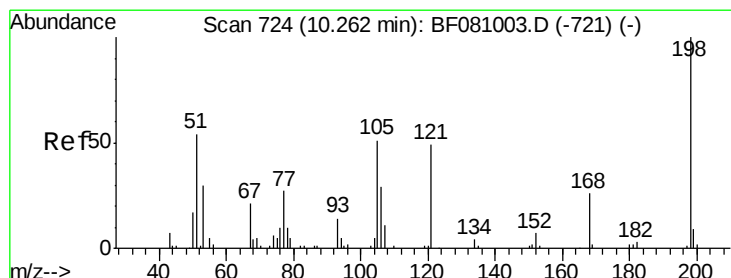
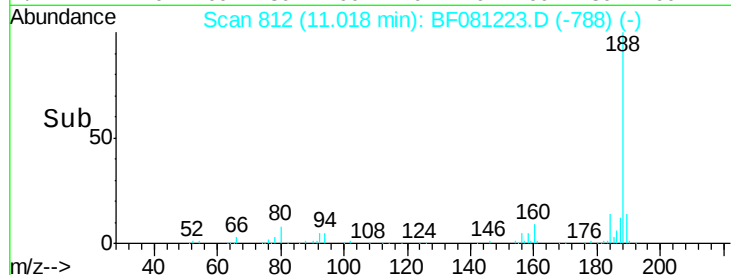
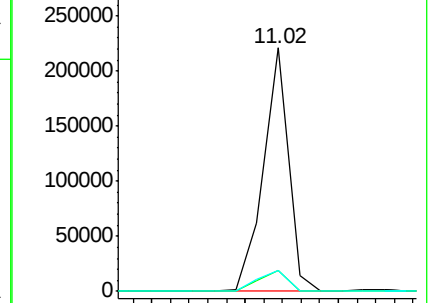
80 8.8 9.5 14.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.02 ng

RT: 10.16 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

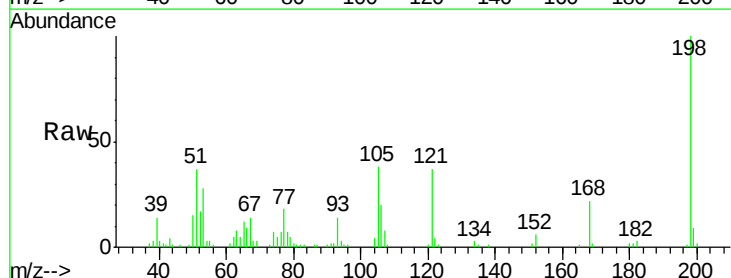
Tgt Ion:198 Resp: 49021

Ion Ratio Lower Upper

198 100

51 37.4 79.7 119.7#

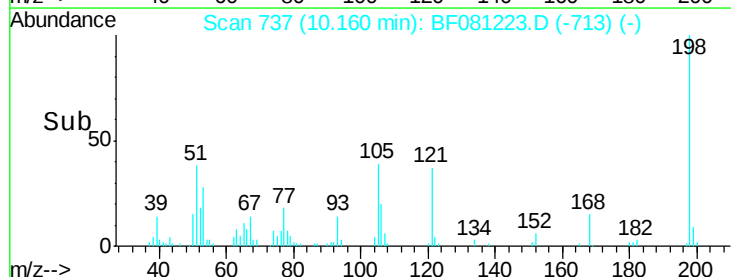
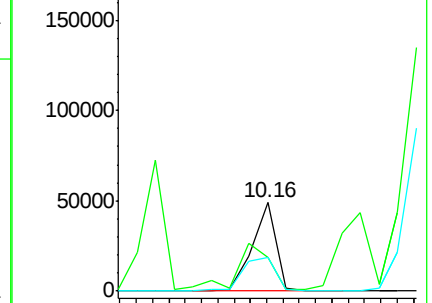
105 38.3 47.0 87.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

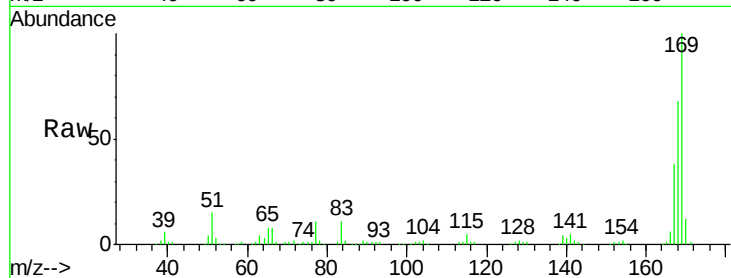




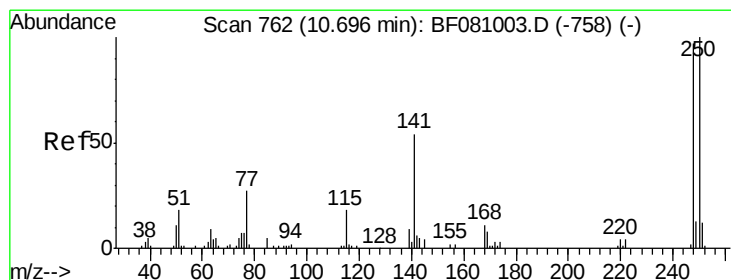
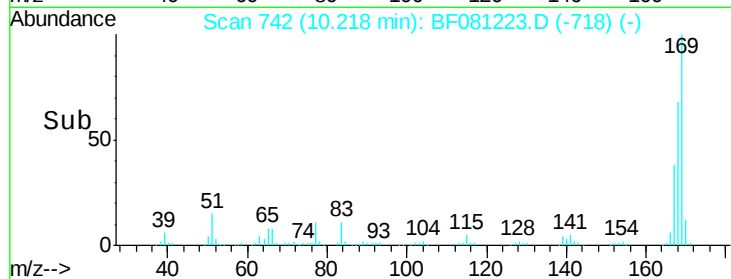
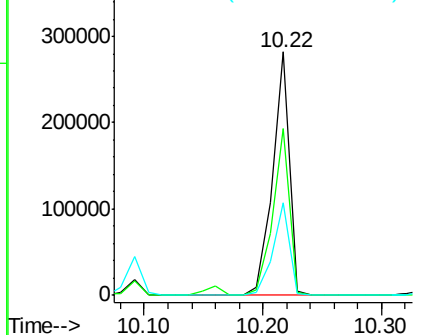
#65
 n-Nitrosodiphenylamine
 Concen: 37.99 ng
 RT: 10.22 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.5	55.3	82.9
167	38.0	30.8	46.2

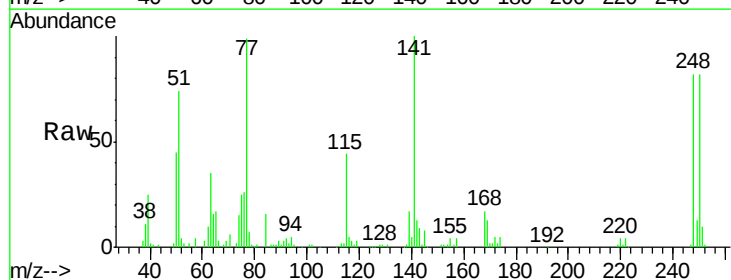


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

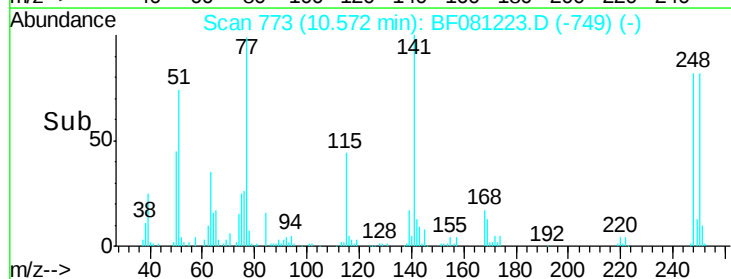
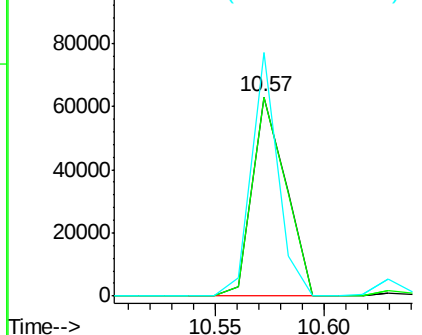


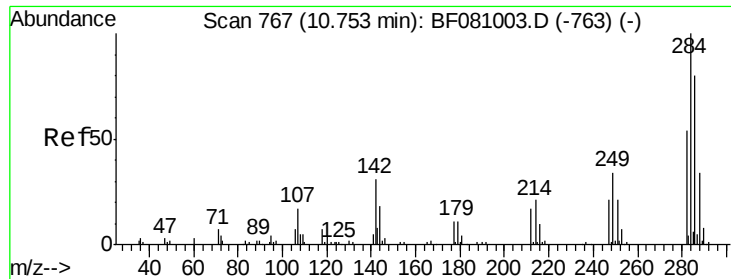
#66
 4-Bromophenyl-phenylether
 Concen: 33.74 ng
 RT: 10.57 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.3	77.8	116.6
141	122.4	39.8	59.6#



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

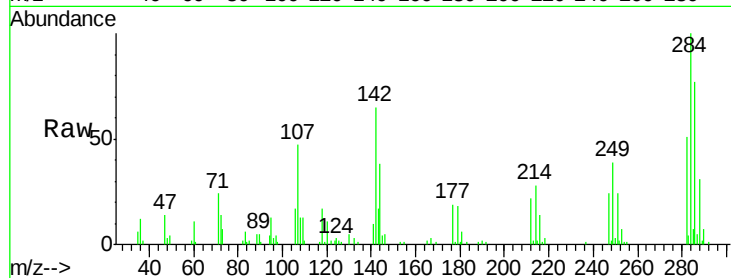




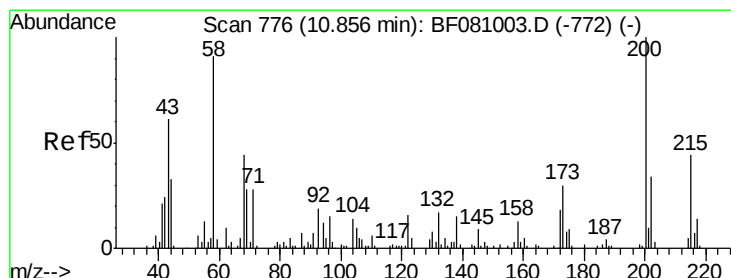
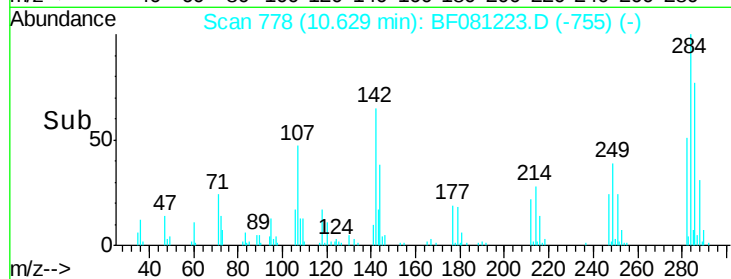
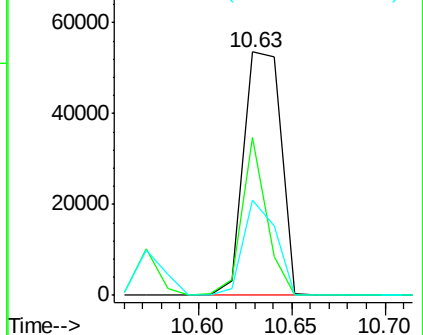
#67
Hexachlorobenzene
Concen: 36.87 ng
RT: 10.63 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 75243
Ion Ratio Lower Upper
284 100
142 65.0 25.4 38.0#
249 38.8 28.5 42.7

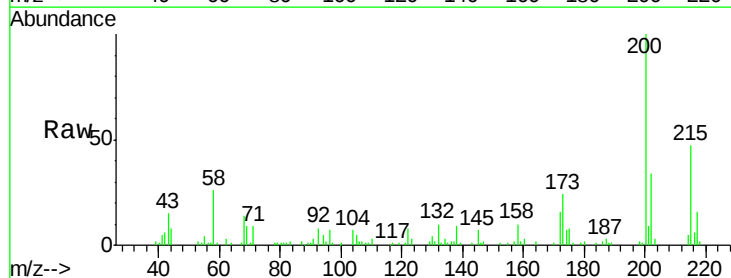


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

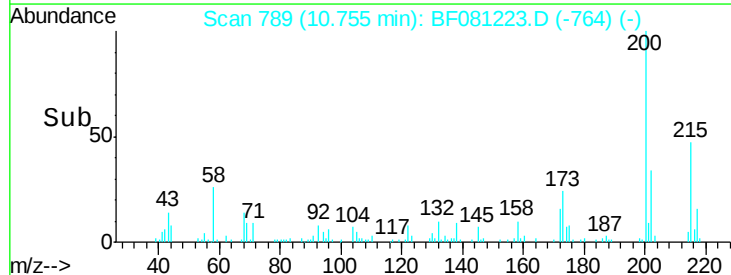
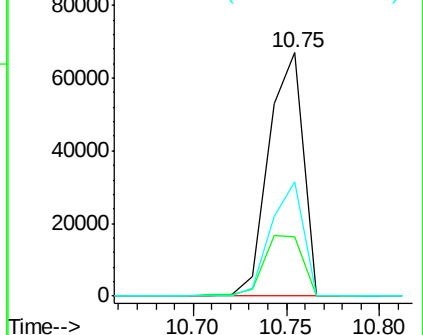


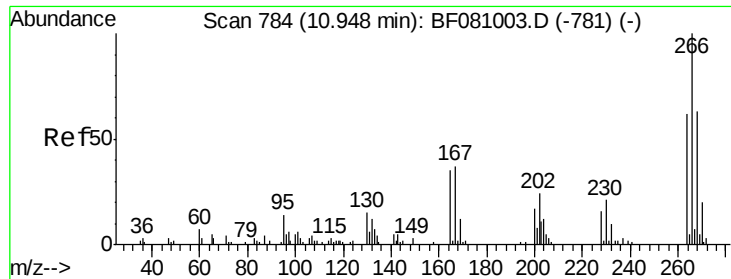
#68
Atrazine
Concen: 42.36 ng
RT: 10.75 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion:200 Resp: 86408
Ion Ratio Lower Upper
200 100
173 24.2 8.1 48.1
215 47.1 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

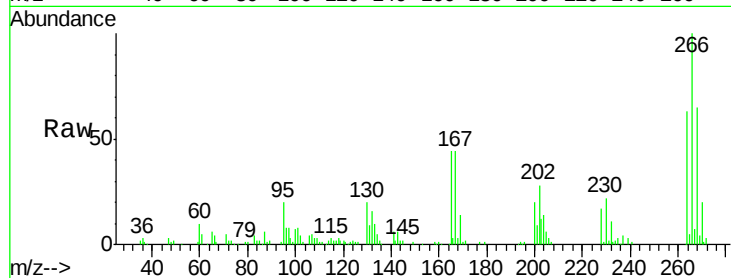




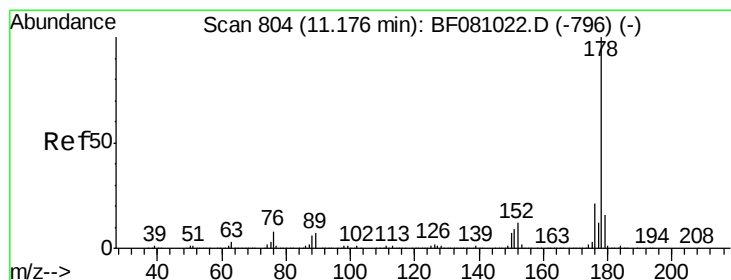
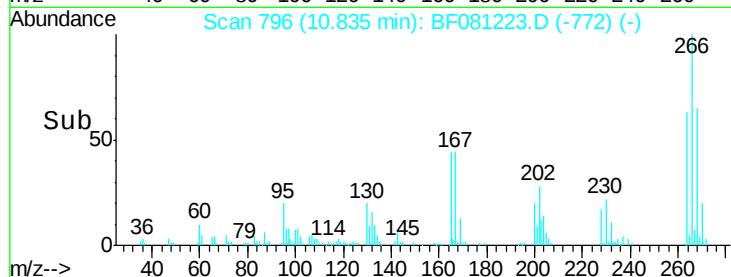
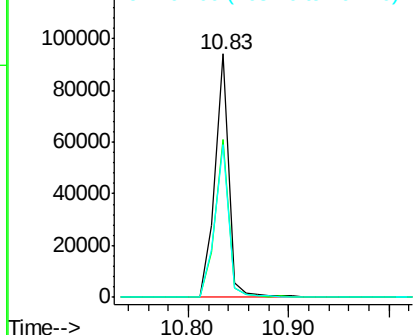
#69
 Pentachlorophenol
 Concen: 73.84 ng
 RT: 10.83 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 90413
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.2 76.8
 264 62.7 50.6 75.8

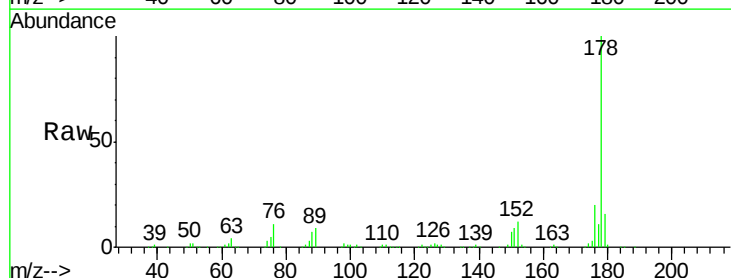


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

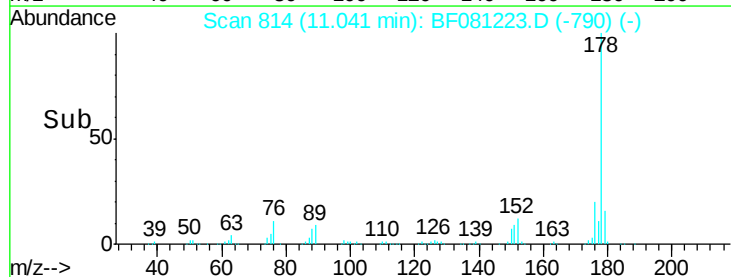
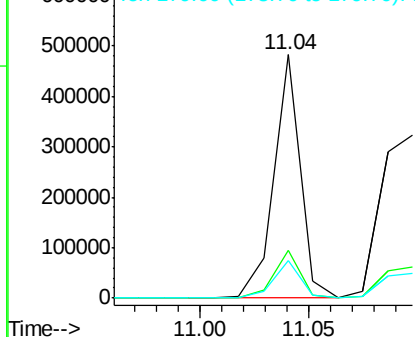


#70
 Phenanthrene
 Concen: 33.95 ng
 RT: 11.04 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion:178 Resp: 412754
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 179 15.5 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: 36.75 ng

RT: 11.10 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

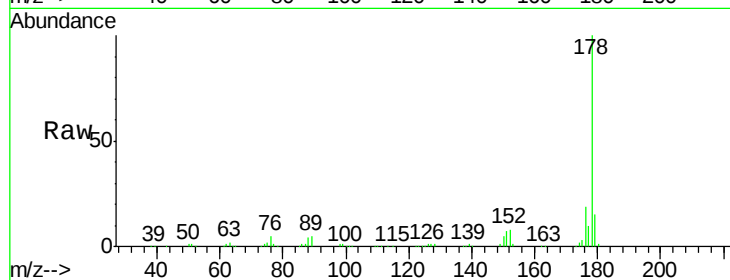
Tot Ion:178 Resp: 434708

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

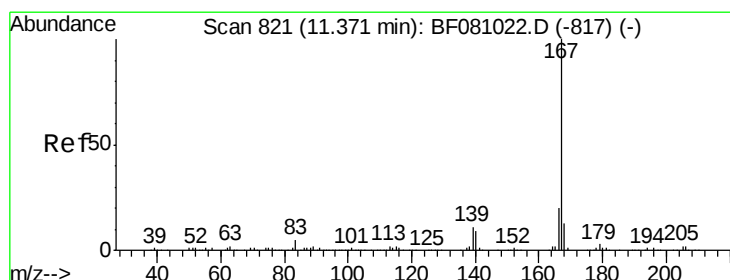
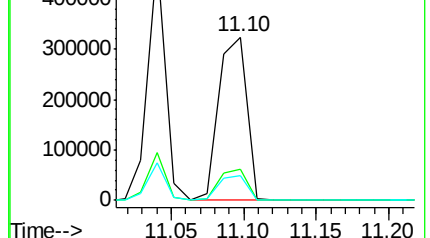
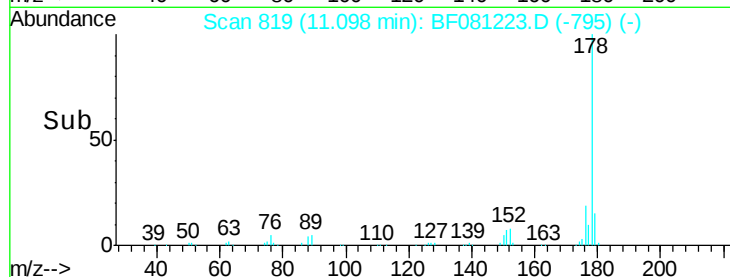
179 14.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.68 ng

RT: 11.26 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

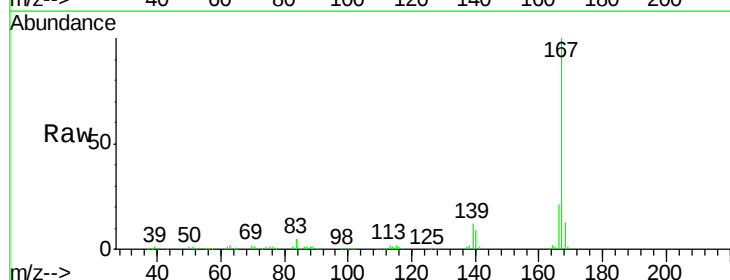
Tgt Ion:167 Resp: 429101

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

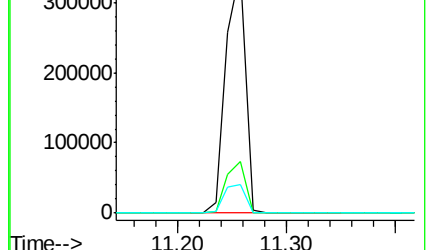
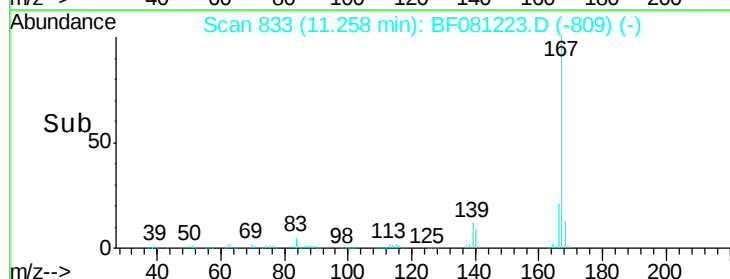
139 11.6 10.6 16.0

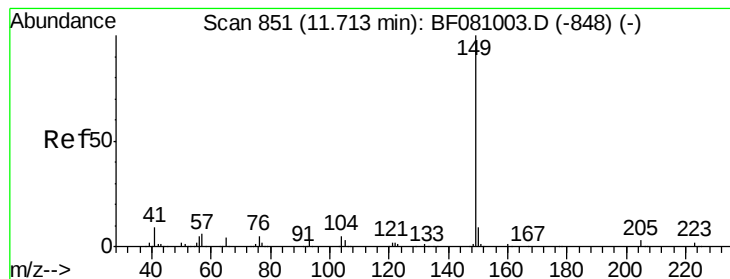


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.74 ng

RT: 11.60 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

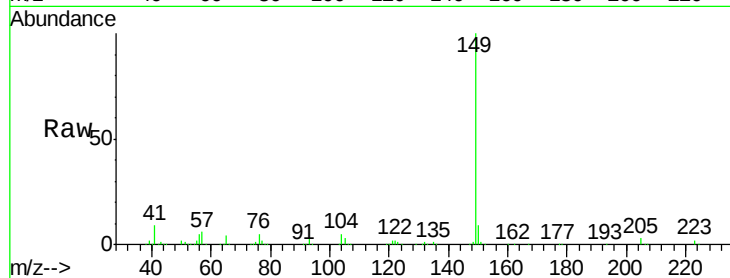
Tot Ion:149 Resp: 533855

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

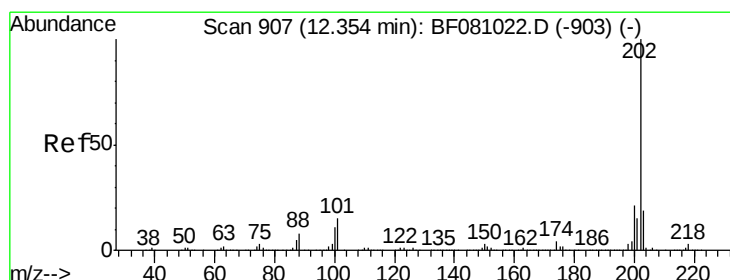
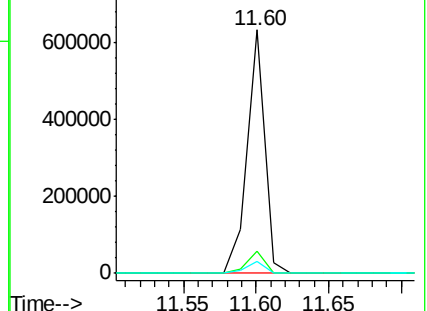
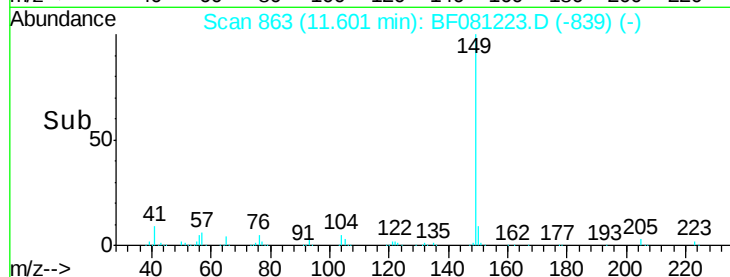
104 5.0 3.9 5.9



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: 37.90 ng

RT: 12.22 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

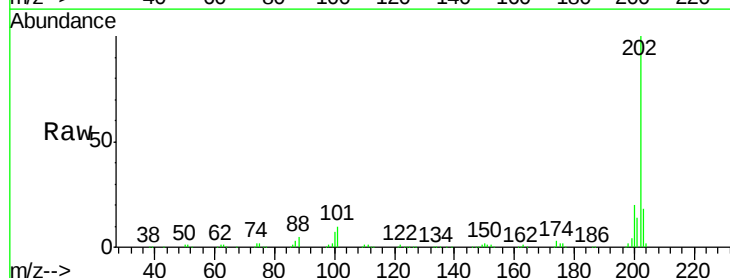
Tgt Ion:202 Resp: 497204

Ion Ratio Lower Upper

202 100

101 9.7 0.0 24.8

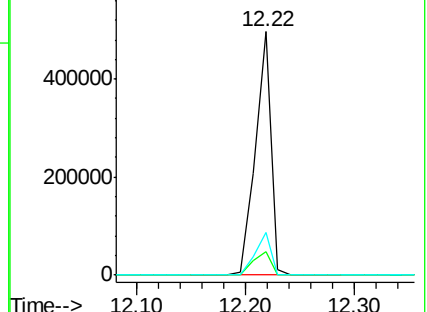
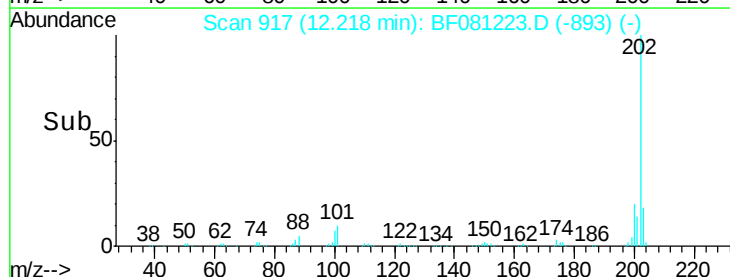
203 17.7 0.0 36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.64 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

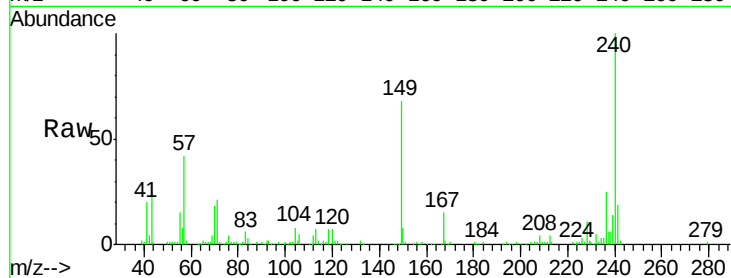
Tot Ion:240 Resp: 154082

Ion Ratio Lower Upper

240 100

120 7.1 5.6 8.4

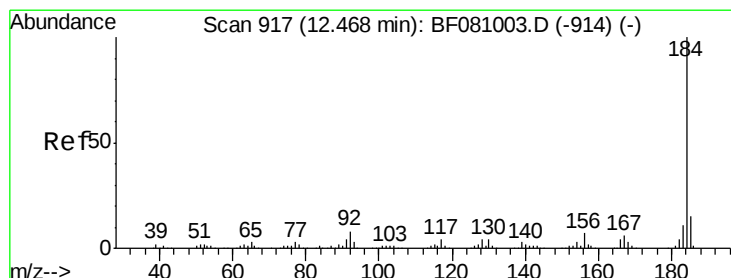
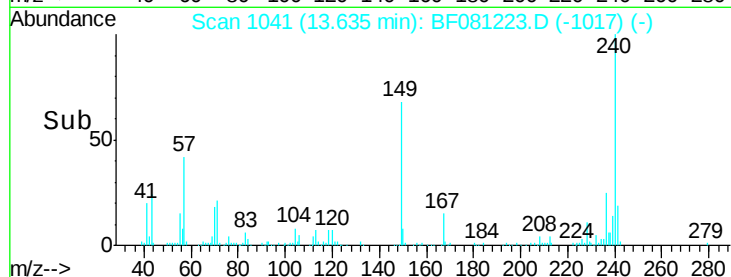
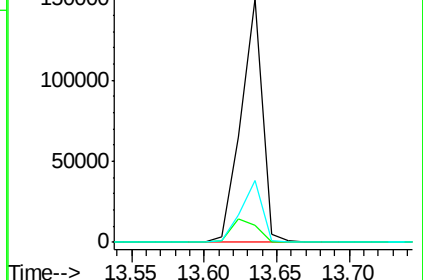
236 25.5 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.32 ng

RT: 12.34 min Scan# 928

Delta R.T. -0.04 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

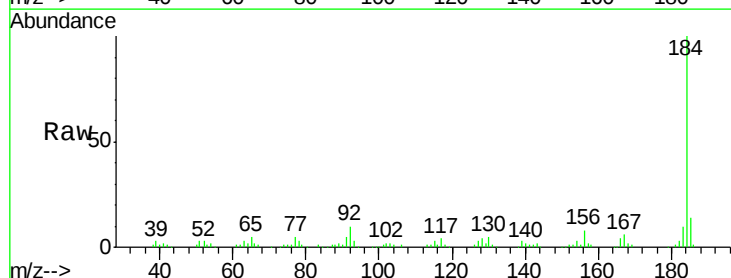
Tgt Ion:184 Resp: 199777

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

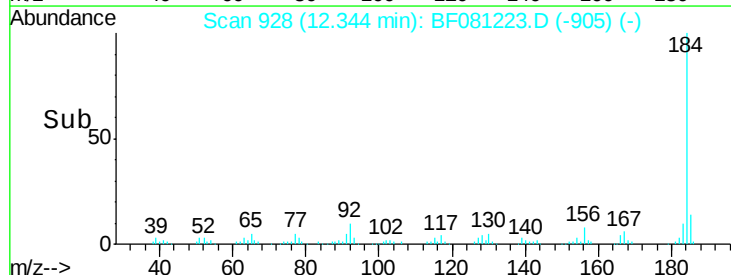
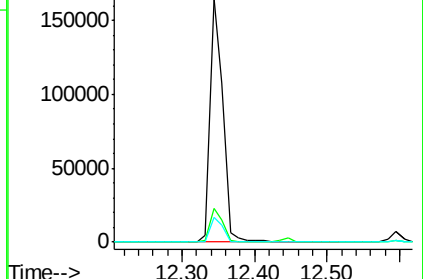
183 10.1 8.9 13.3

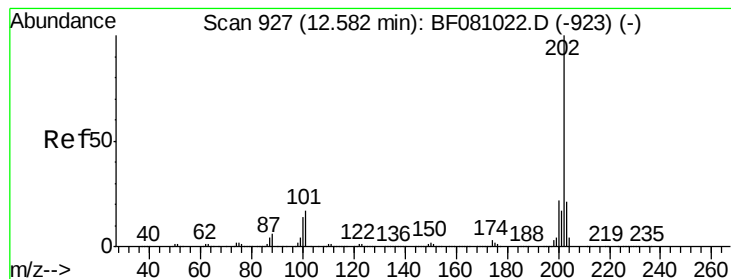


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.97 ng

RT: 12.43 min Scan# 936

Delta R.T. -0.04 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

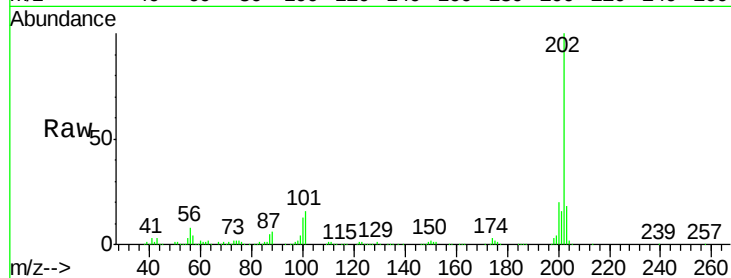
Tot Ion:202 Resp: 450518

Ion Ratio Lower Upper

202 100

200 20.0 16.6 24.8

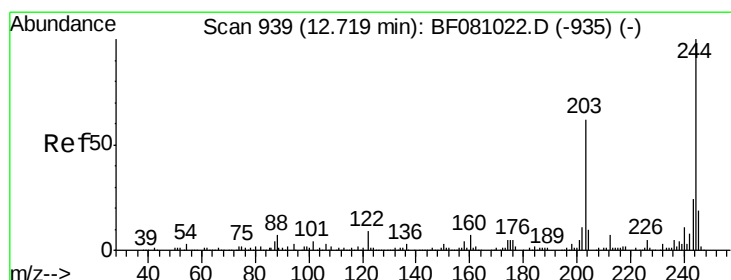
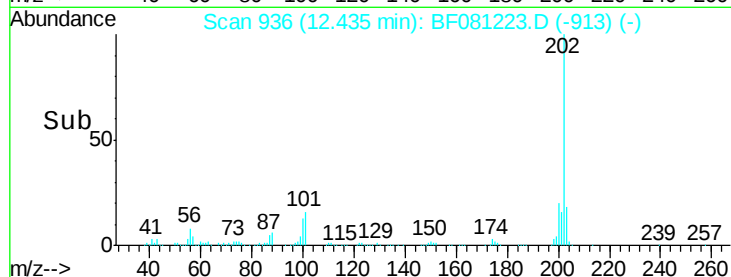
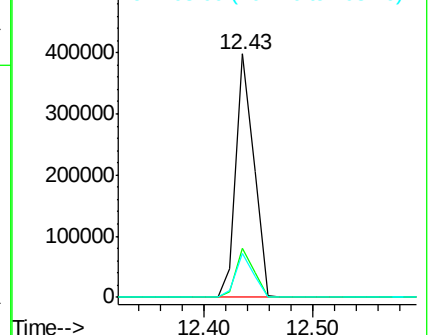
203 18.3 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.88 ng

RT: 12.59 min Scan# 950

Delta R.T. -0.04 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

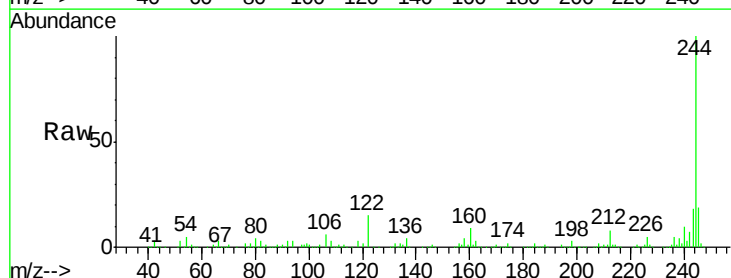
Tgt Ion:244 Resp: 480667

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

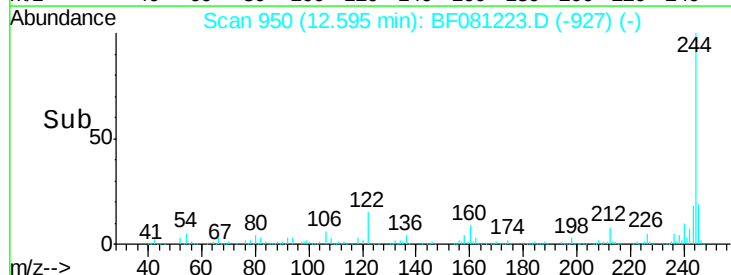
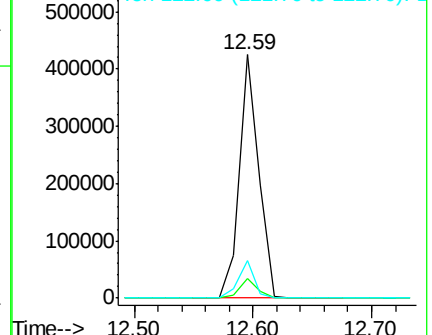
122 15.5 8.2 12.4#



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

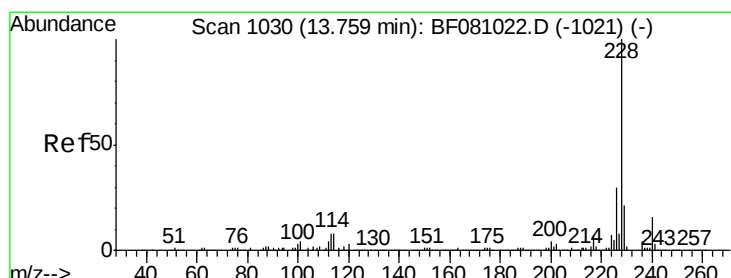
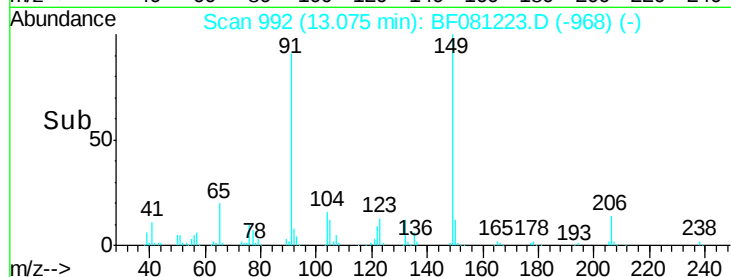
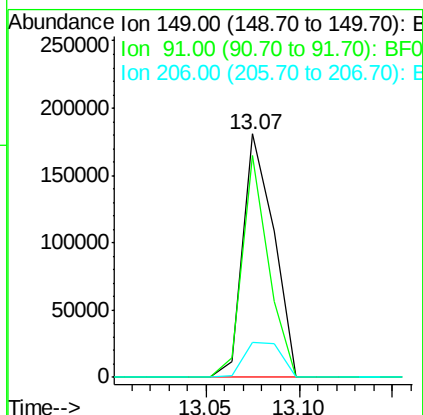
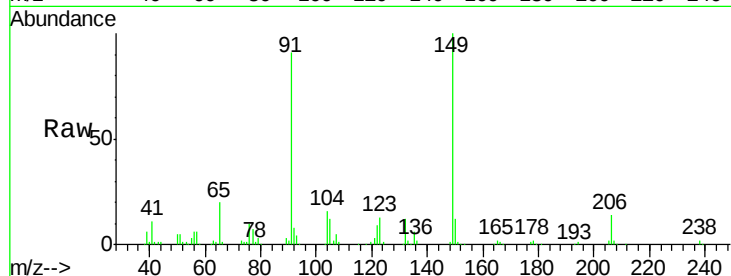




#79
Butylbenzylphthalate
Concen: 38.39 ng
RT: 13.07 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

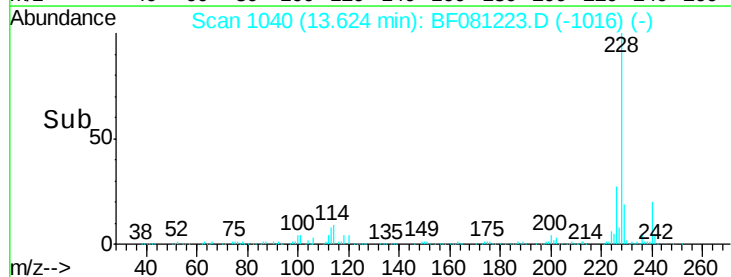
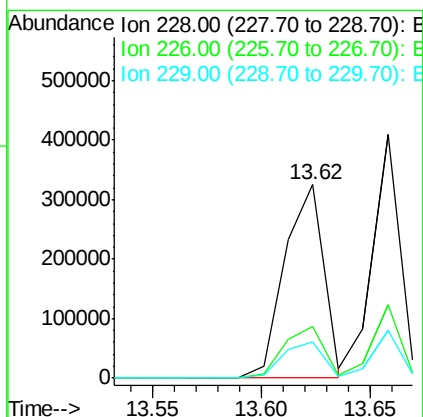
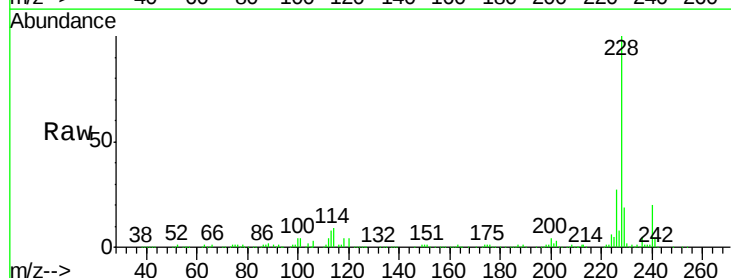
Instrument :
BNA_F
ClientSampleId :

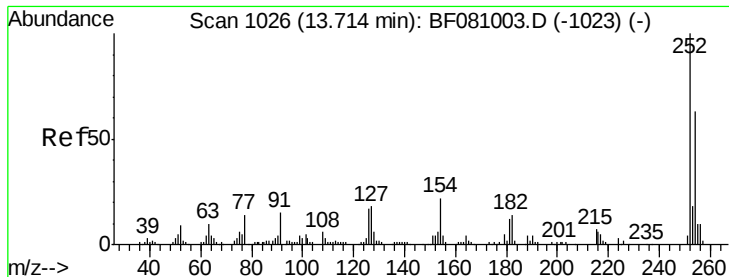
Tot Ion:149 Resp: 206715
Ion Ratio Lower Upper
149 100
91 91.3 46.9 70.3#
206 14.4 17.0 25.4#



#80
Benzo(a)anthracene
Concen: 39.62 ng
RT: 13.62 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion:228 Resp: 409386
Ion Ratio Lower Upper
228 100
226 26.8 22.3 33.5
229 18.9 15.9 23.9

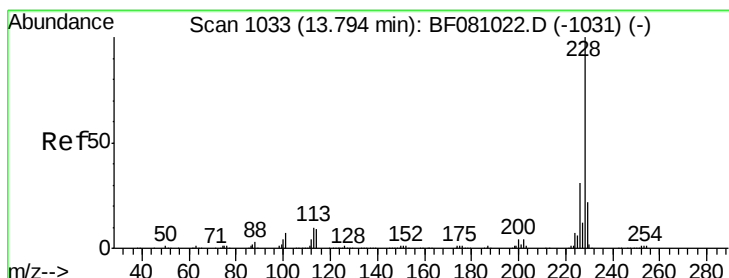
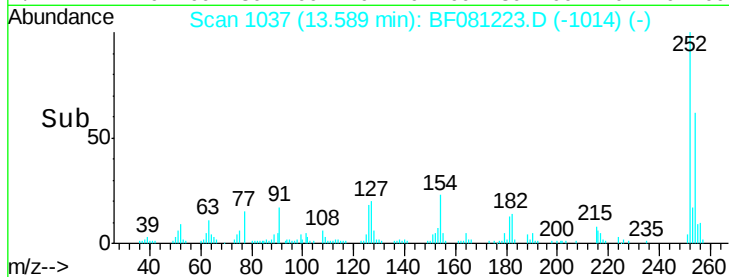
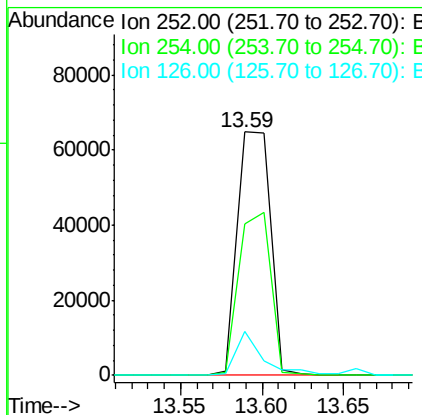
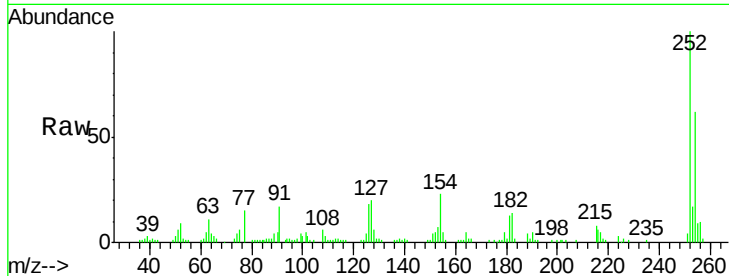




#81
 3,3'-Dichlorobenzidine
 Concen: 27.13 ng
 RT: 13.59 min Scan# 1037
 Delta R.T. -0.04 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

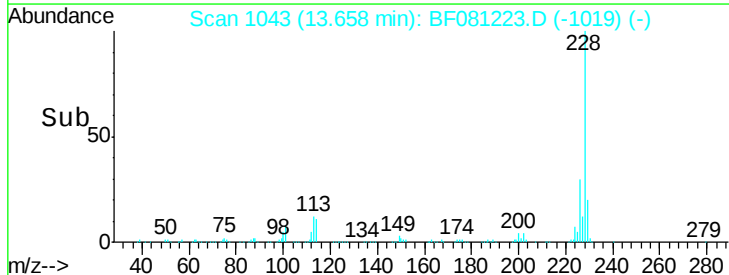
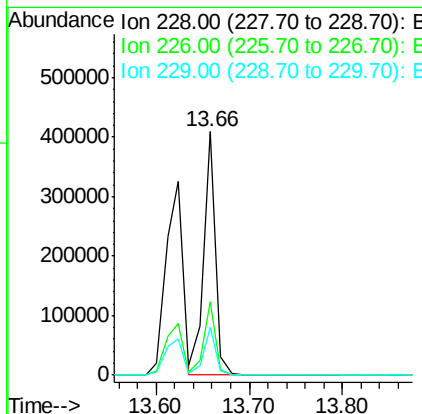
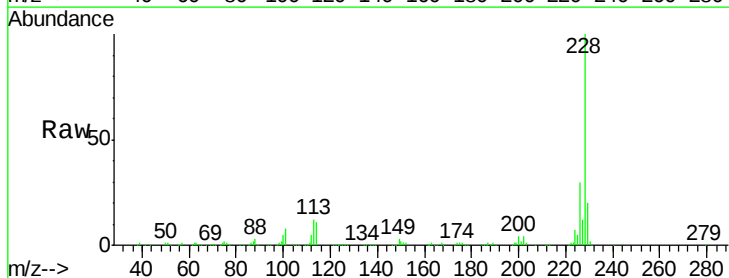
Instrument :
 BNA_F
 ClientSampled :

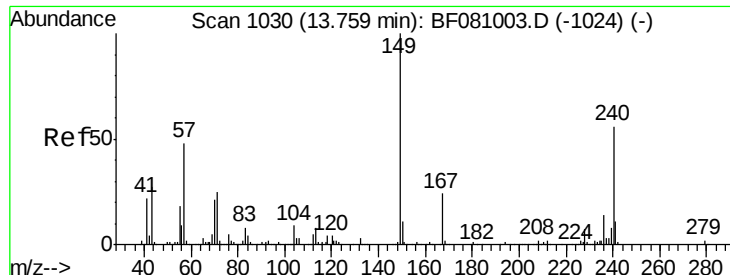
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.5	77.3
126	18.1	12.5	18.7



#82
 Chrysene
 Concen: 39.15 ng
 RT: 13.66 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	19.8	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.43 ng

RT: 13.65 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

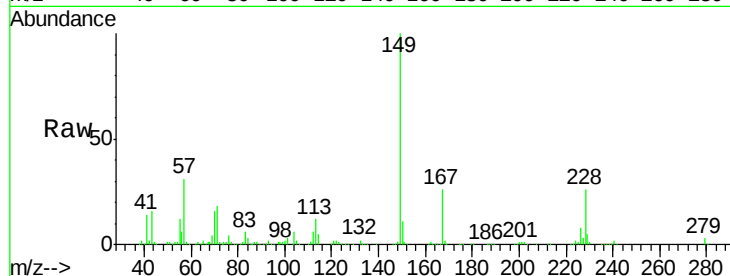
Tot Ion:149 Resp: 299545

Ion Ratio Lower Upper

149 100

167 25.7 20.7 31.1

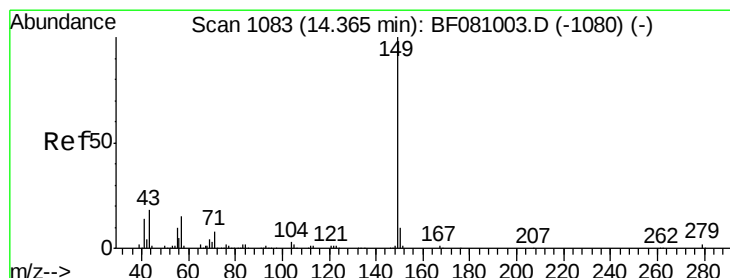
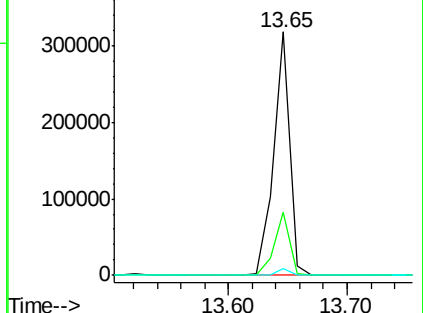
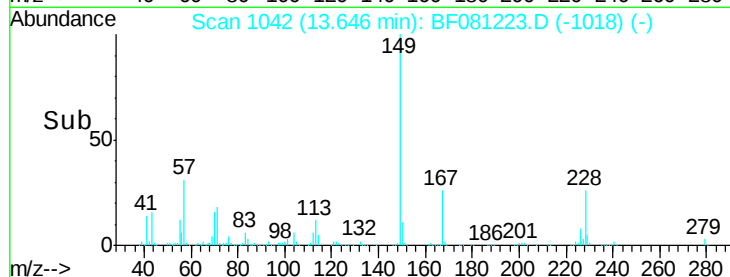
279 2.6 2.2 3.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.80 ng

RT: 14.25 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

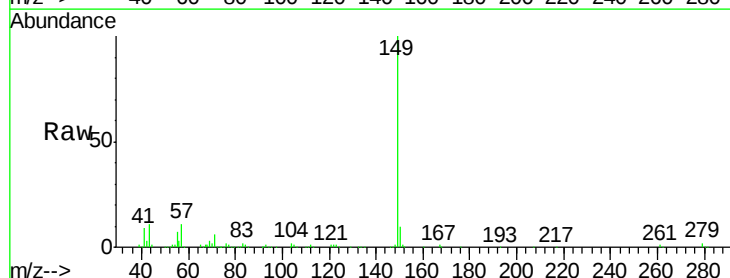
Tgt Ion:149 Resp: 501080

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

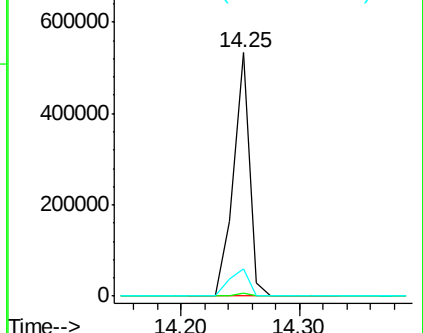
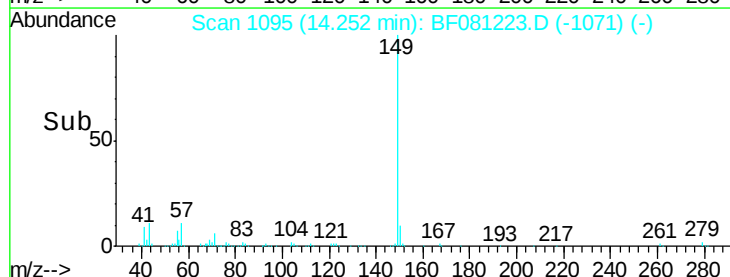
43 13.3 11.6 17.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

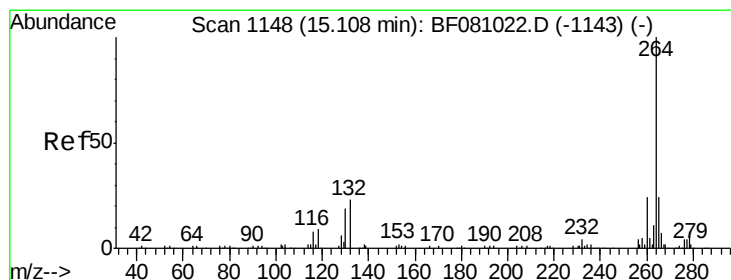
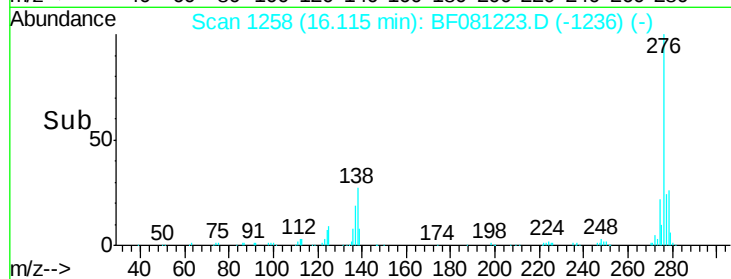
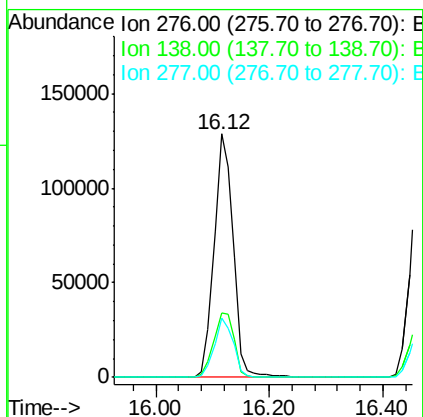
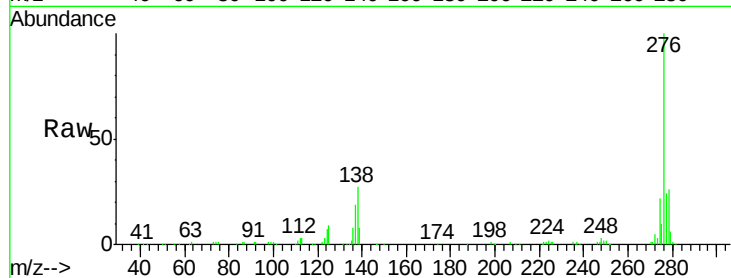




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.55 ng
 RT: 16.12 min Scan# 1258
 Delta R.T. -0.05 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

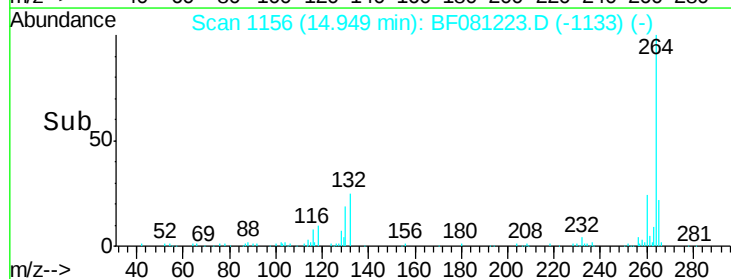
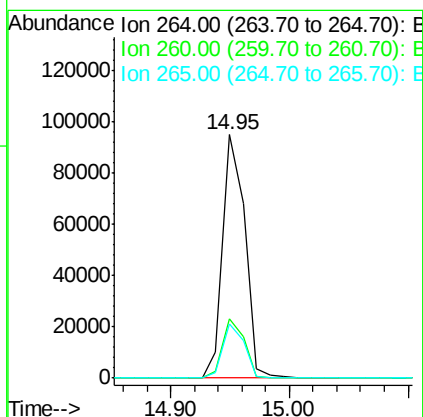
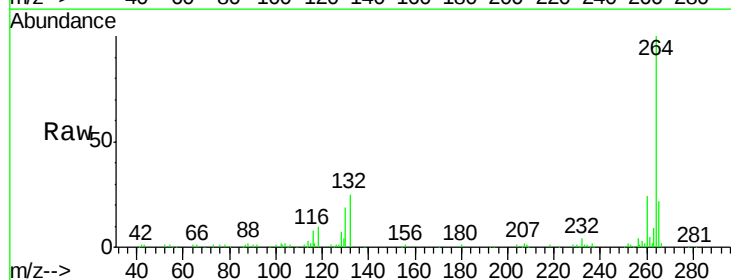
Instrument :
 BNA_F
 ClientSampleId :

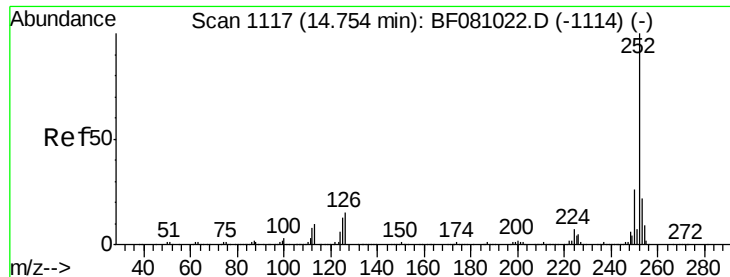
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	18.6	28.0#
277	24.1	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1156
 Delta R.T. -0.04 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 78.90 ng

RT: 14.64 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

Instrument :

BNA_F

ClientSampleId :

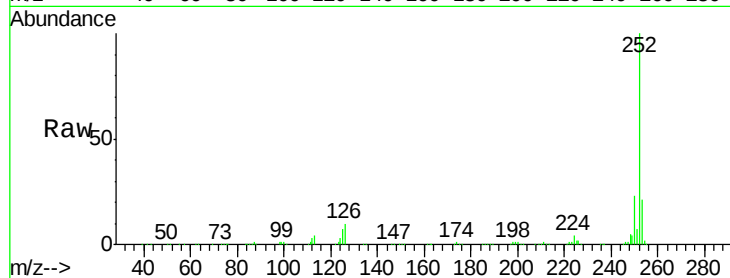
Tot Ion:252 Resp: 686627

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

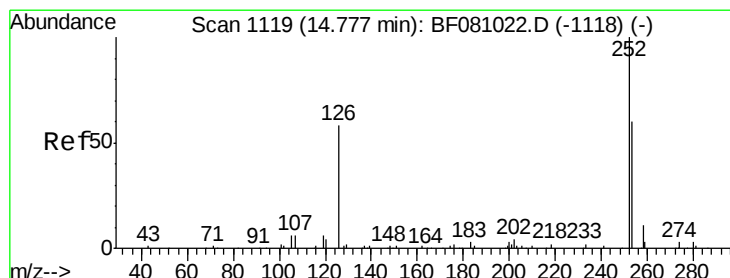
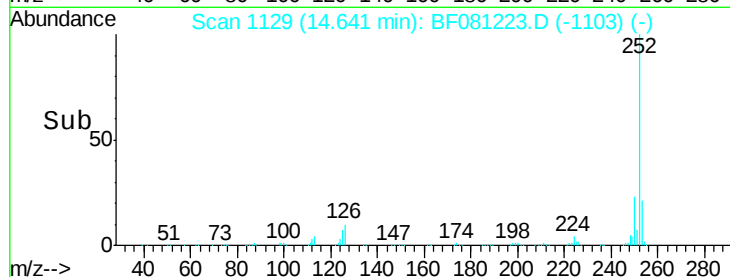
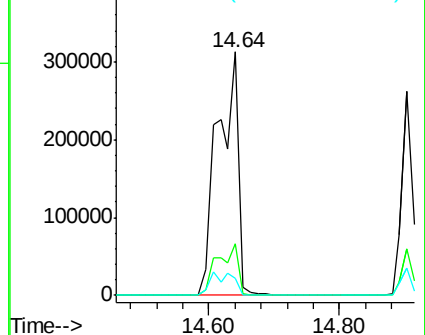
125 6.8 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 84.68 ng

RT: 14.64 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF081223.D

Acq: 26 Aug 2015 20:47

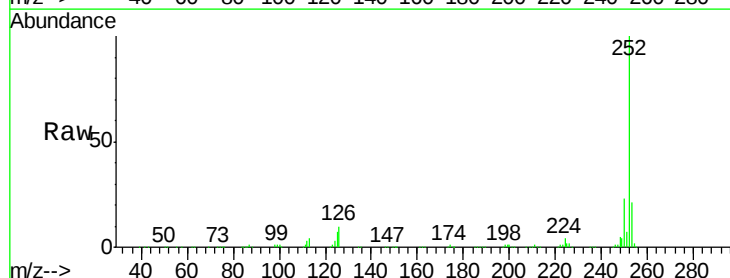
Tgt Ion:252 Resp: 686627

Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

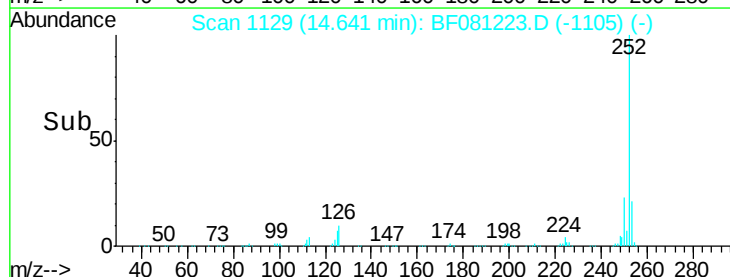
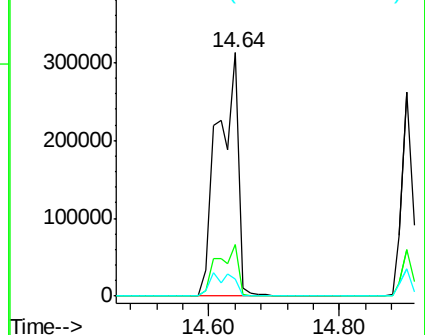
125 6.8 10.3 15.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

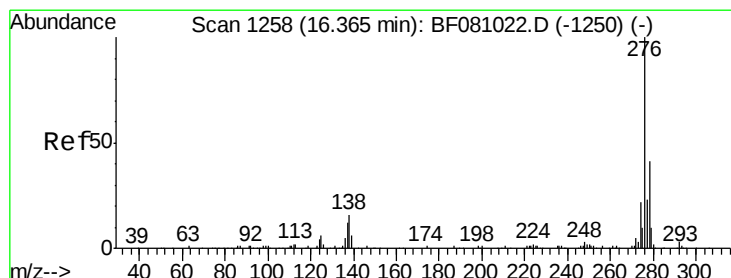
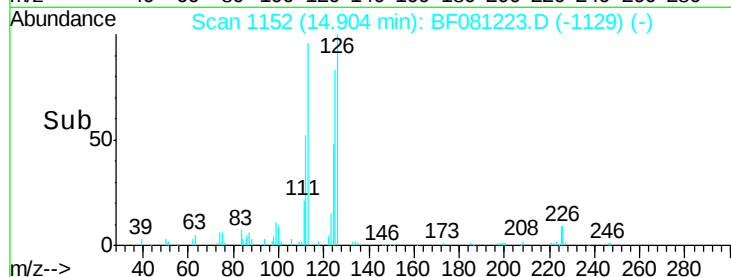
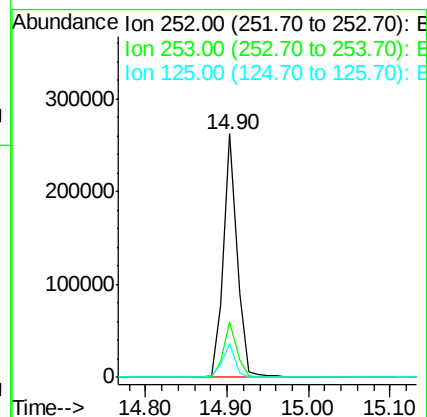
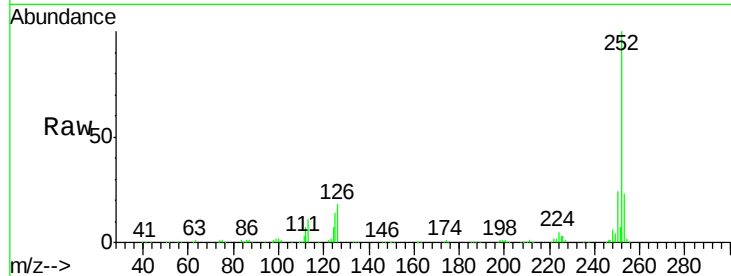




#89
Benzo(a)pyrene
Concen: 40.50 ng
RT: 14.90 min Scan# 1152
Delta R.T. -0.04 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

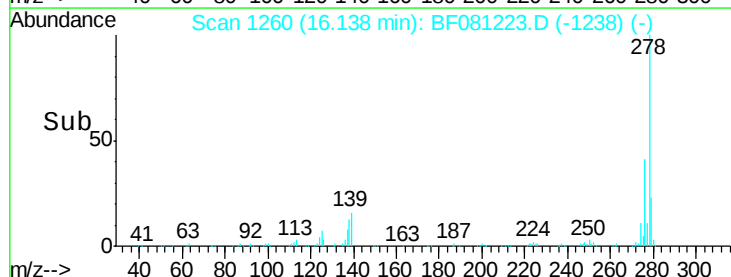
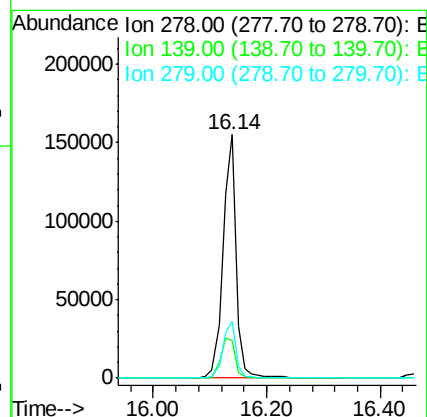
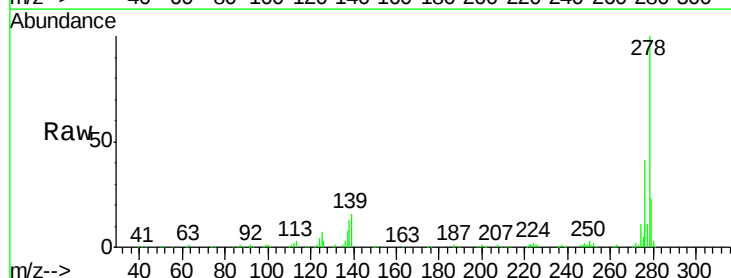
Instrument :
BNA_F
ClientSampleId :

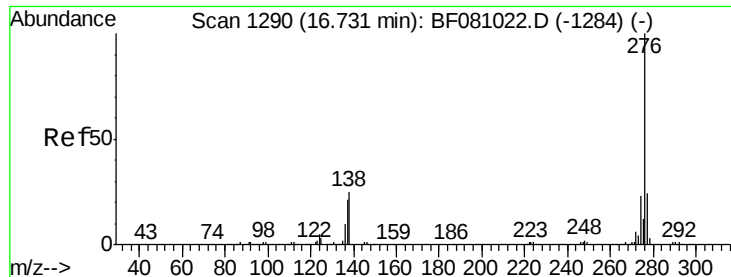
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.6	25.0
125	13.7	7.8	11.8#



#90
Dibenzo(a,h)anthracene
Concen: 42.08 ng
RT: 16.14 min Scan# 1260
Delta R.T. -0.05 min
Lab File: BF081223.D
Acq: 26 Aug 2015 20:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	10.8	16.2
279	23.3	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.01 ng
 RT: 16.47 min Scan# 1289
 Delta R.T. -0.05 min
 Lab File: BF081223.D
 Acq: 26 Aug 2015 20:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.2	27.2
138	22.0	13.7	20.5

