

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081070.D
 Acq On : 19 Aug 2015 6:56
 Operator : UM/IZ
 Sample : G3289-11MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 07:26:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	55897	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	225671	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	103114	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	211914	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	159410	20.00	ng	-0.02
86) Perylene-d12	15.07	264	150272	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	485373	130.61	ng	0.00
7) Phenol-d6	6.26	99	645053	133.03	ng	0.00
23) Nitrobenzene-d5	7.18	82	380714	77.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	88101	98.57	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	487255	61.92	ng	-0.02
78) Terphenyl-d14	12.70	244	628539	84.53	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.08	88	64253	36.69	ng	95
3) Pyridine	2.71	79	130107	26.32	ng	# 85
4) n-Nitrosodimethylamine	2.66	42	113585	41.27	ng	# 78
6) Aniline	6.27	93	211467	29.99	ng	# 1
8) 2-Chlorophenol	6.39	128	172657	42.44	ng	96
9) Benzaldehyde	6.15	77	120933	38.69	ng	91
10) Phenol	6.27	94	287734	50.24	ng	86
11) bis(2-Chloroethyl)ether	6.35	93	187841	42.75	ng	92
12) 1,3-Dichlorobenzene	6.55	146	186566	42.68	ng	98
13) 1,4-Dichlorobenzene	6.63	146	189158	43.71	ng	99
14) 1,2-Dichlorobenzene	6.78	146	172760	42.65	ng	98
15) Benzyl Alcohol	6.76	79	188895	48.15	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.90	45	367691	42.58	ng	100
17) 2-Methylphenol	6.88	107	153506	43.98	ng	96
18) Hexachloroethane	7.12	117	73523	42.04	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	142364	42.38	ng	91
20) 3+4-Methylphenols	7.04	107	193697	43.72	ng	# 51
22) Acetophenone	7.03	105	266125	44.92	ng	# 90
24) Nitrobenzene	7.20	77	233878	45.28	ng	99
25) Isophorone	7.44	82	392330	42.59	ng	98
26) 2-Nitrophenol	7.52	139	99586	46.36	ng	# 61
27) 2,4-Dimethylphenol	7.56	122	169759	44.67	ng	95
28) bis(2-Chloroethoxy)methane	7.66	93	233357	42.88	ng	99
29) 2,4-Dichlorophenol	7.76	162	151858	47.46	ng	92
30) 1,2,4-Trichlorobenzene	7.84	180	151508	42.61	ng	97
31) Naphthalene	7.92	128	561886	44.67	ng	99
32) Benzoic acid	7.66	122	37660	17.62	ng	95
33) 4-Chloroaniline	7.98	127	139525	26.29	ng	# 82
34) Hexachlorobutadiene	8.04	225	85795	42.67	ng	97
35) Caprolactam	8.34	113	28935	25.88	ng	91
36) 4-Chloro-3-methylphenol	8.47	107	192540	50.50	ng	88
37) 2-Methylnaphthalene	8.60	142	340628	42.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	147021	44.19	ng	99
40) Hexachlorocyclopentadiene	8.76	237	160810	93.39	ng	99

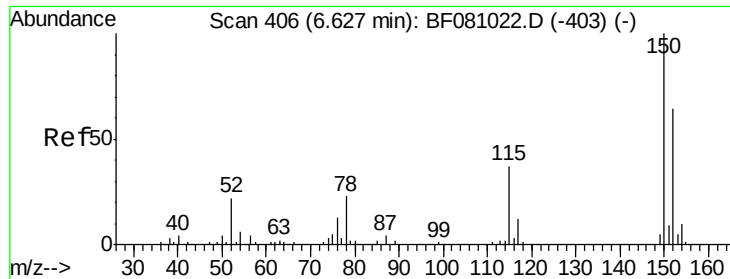
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081070.D
 Acq On : 19 Aug 2015 6:56
 Operator : UM/IZ
 Sample : G3289-11MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 07:26:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	108042	45.97	nq	97
43) 2,4,5-Trichlorophenol	8.92	196	105834	45.06	nq	# 89
45) 1,1'-Biphenyl	9.07	154	449354	49.47	nq	98
46) 2-Chloronaphthalene	9.08	162	303681	41.62	nq	# 90
47) 2-Nitroaniline	9.19	65	121475	40.68	nq	99
48) Acenaphthylene	9.50	152	499195	38.24	nq	98
49) Dimethylphthalate	9.38	163	499505	58.82	nq	99
50) 2,6-Dinitrotoluene	9.44	165	85888	47.11	nq	# 80
51) Acenaphthene	9.67	154	341450	43.70	nq	98
52) 3-Nitroaniline	9.60	138	69798	30.59	nq	99
53) 2,4-Dinitrophenol	9.71	184	70483	71.10	nq	# 45
54) Dibenzofuran	9.85	168	435774	41.62	nq	96
55) 4-Nitrophenol	9.78	139	174201	108.71	nq	# 61
56) 2,4-Dinitrotoluene	9.84	165	115541	47.81	nq	# 77
57) Fluorene	10.18	166	318673	39.56	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	81167	44.64	nq	97
59) Diethylphthalate	10.08	149	428985	47.73	nq	96
60) 4-Chlorophenyl-phenylether	10.18	204	157027	46.07	nq	98
61) 4-Nitroaniline	10.22	138	100746	43.20	nq	92
62) Azobenzene	10.34	77	501408	48.41	nq	96
64) 4,6-Dinitro-2-methylphenol	10.24	198	56328	44.51	nq	97
65) n-Nitrosodiphenylamine	10.31	169	349069	46.15	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	90747	43.59	nq	93
67) Hexachlorobenzene	10.73	284	103301	49.00	nq	# 89
68) Atrazine	10.83	200	100070	47.48	nq	97
69) Pentachlorophenol	10.92	266	120182	95.01	nq	100
70) Phenanthrene	11.13	178	494376	39.36	nq	99
71) Anthracene	11.19	178	571392	46.75	nq	99
72) Carbazole	11.35	167	588175	49.99	nq	99
73) Di-n-butylphthalate	11.69	149	719991	50.57	nq	99
74) Fluoranthene	12.31	202	539128	39.78	nq	92
76) Benzidine	12.45	184	248102	41.20	nq	98
77) Pyrene	12.54	202	590597	45.57	nq	100
79) Butylbenzylphthalate	13.18	149	335489	60.23	nq	88
80) Benzo(a)anthracene	13.71	228	518207	48.47	nq	100
81) 3,3'-Dichlorobenzidine	13.69	252	133343	38.51	nq	98
82) Chrysene	13.76	228	519238	53.89	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	443538	62.16	nq	# 98
84) Di-n-octyl phthalate	14.34	149	726168	66.96	nq	100
85) Indeno(1,2,3-cd)pyrene	16.29	276	349537	51.67	nq	# 93
87) Benzo(b)fluoranthene	14.74	252	880367	82.82	nq	99
88) Benzo(k)fluoranthene	14.74	252	880367	88.89	nq	# 96
89) Benzo(a)pyrene	15.02	252	392841	42.42	nq	# 96
90) Dibenzo(a,h)anthracene	16.31	278	294575	40.82	nq	# 96
91) Benzo(g,h,i)perylene	16.65	276	282554	38.59	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

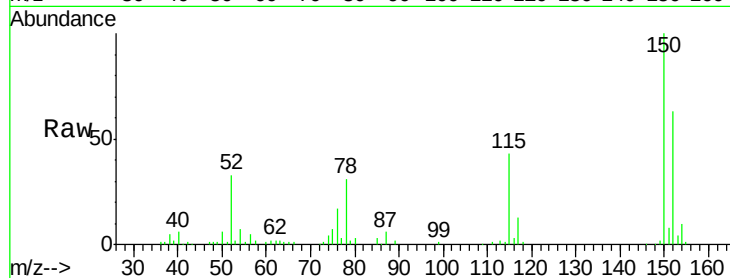
Tot Ion:152 Resp: 55897

Ion Ratio Lower Upper

152 100

150 158.3 123.8 185.6

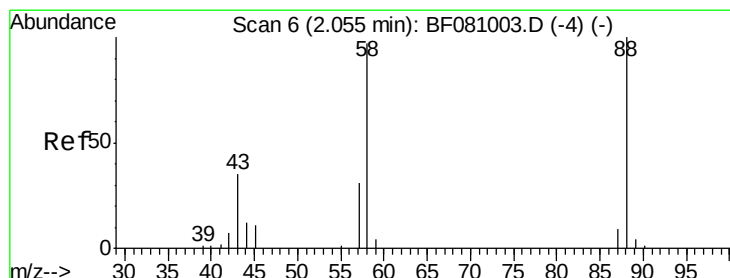
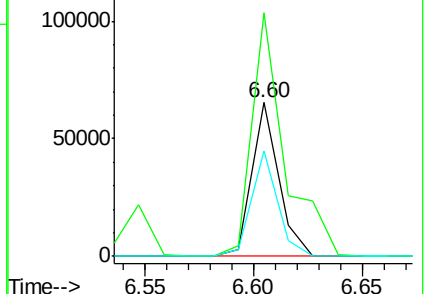
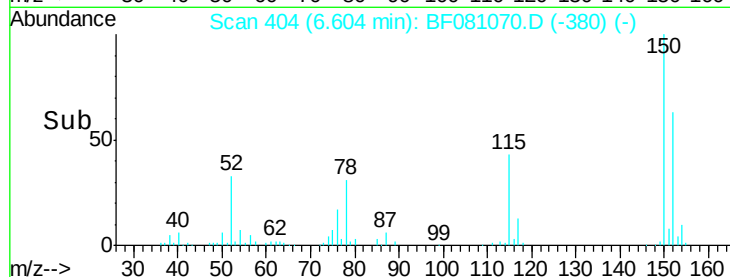
115 68.3 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.69 ng

RT: 2.08 min Scan# 8

Delta R.T. 0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

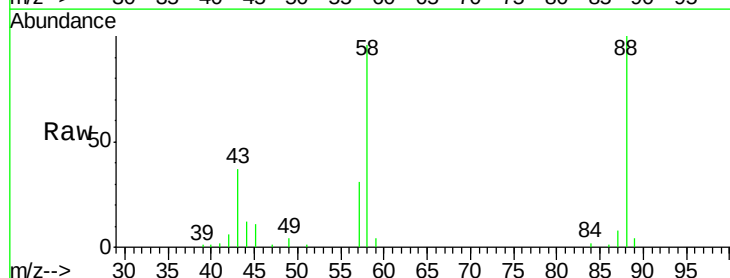
Tgt Ion: 88 Resp: 64253

Ion Ratio Lower Upper

88 100

58 102.0 83.7 125.5

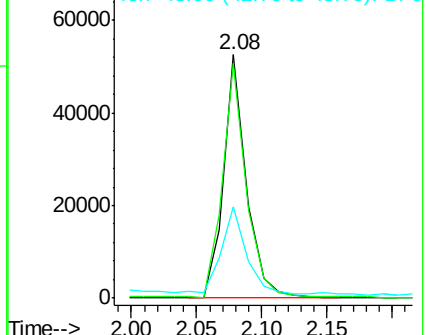
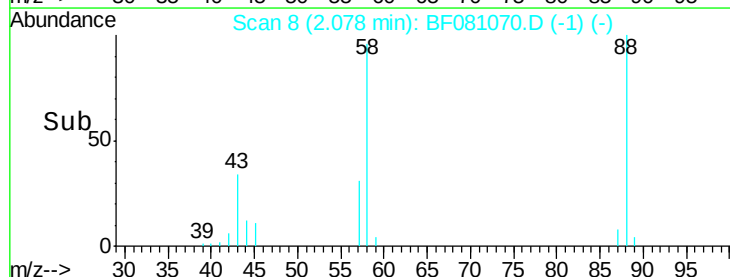
43 38.9 37.5 56.3

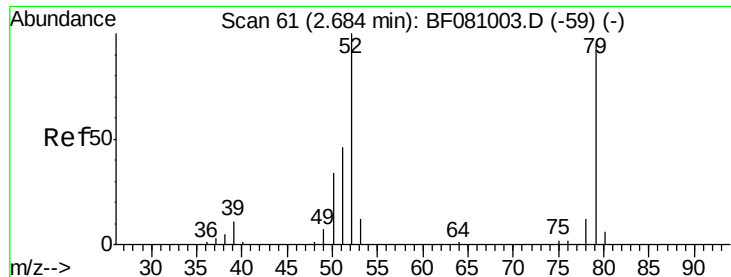


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 26.32 ng

RT: 2.71 min Scan# 63

Delta R.T. -0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

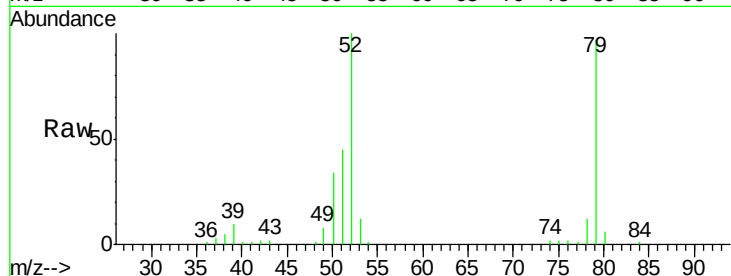
Tot Ion: 79 Resp: 130107

Ion Ratio Lower Upper

79 100

52 103.0 95.1 142.7

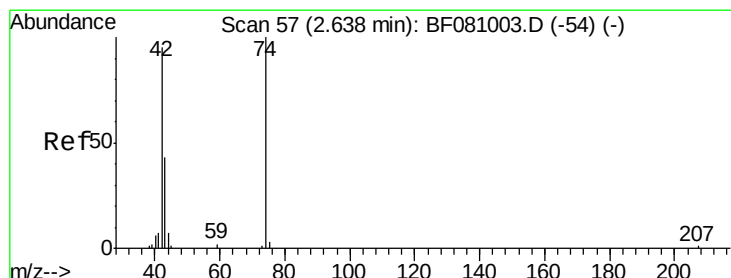
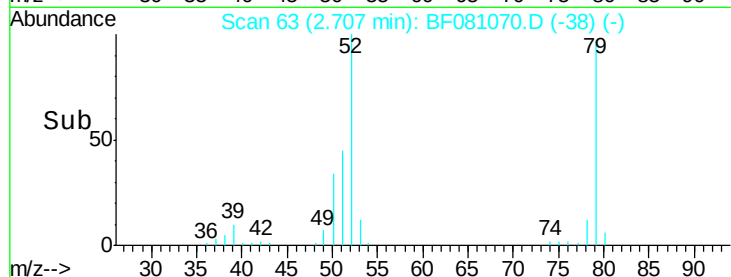
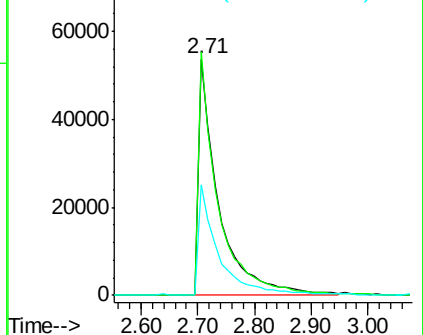
51 46.6 46.6 70.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.27 ng

RT: 2.66 min Scan# 59

Delta R.T. 0.03 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

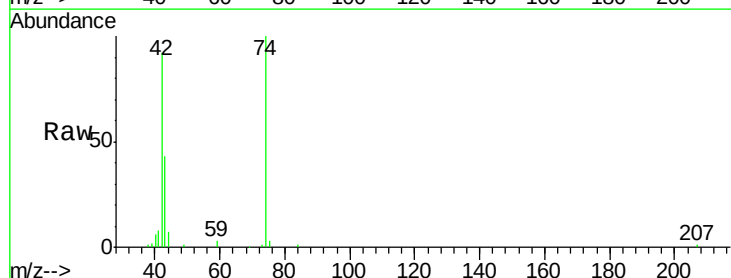
Tgt Ion: 42 Resp: 113585

Ion Ratio Lower Upper

42 100

74 108.6 69.3 103.9#

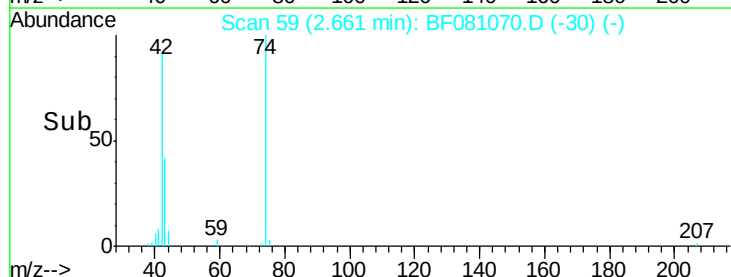
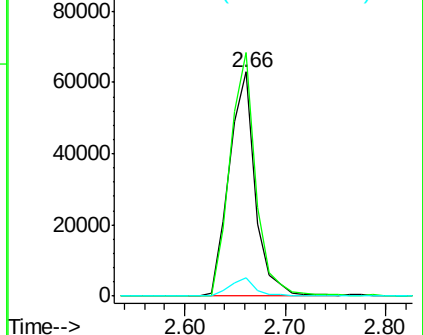
44 8.0 5.5 8.3

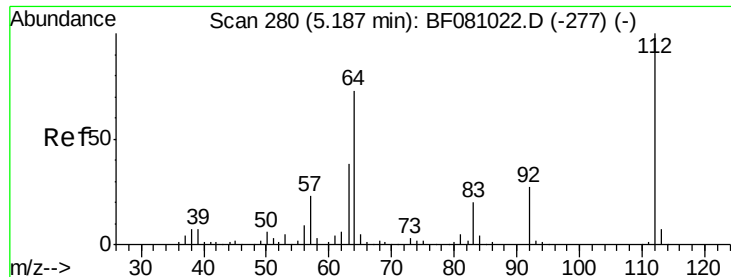


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

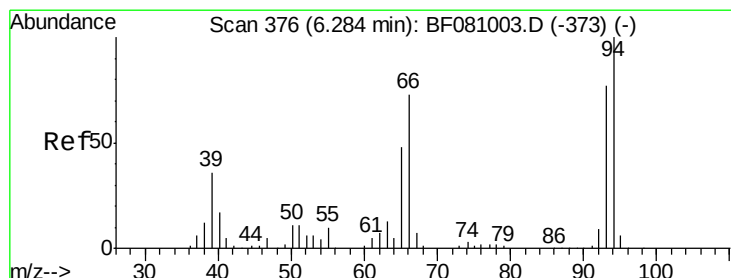
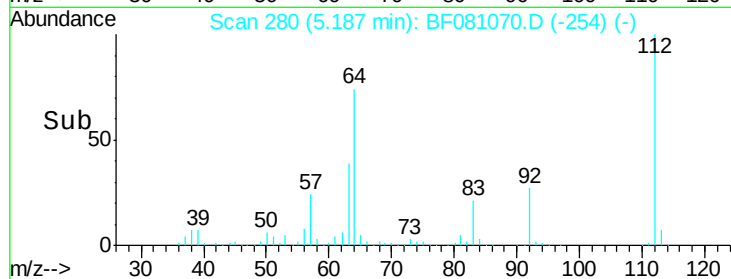
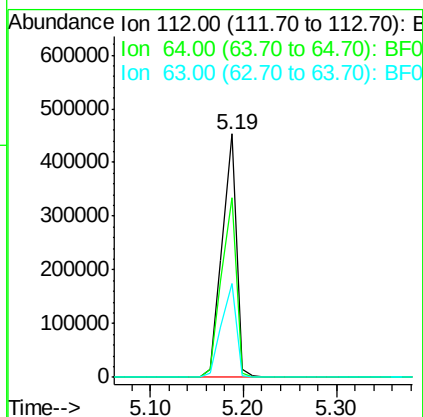
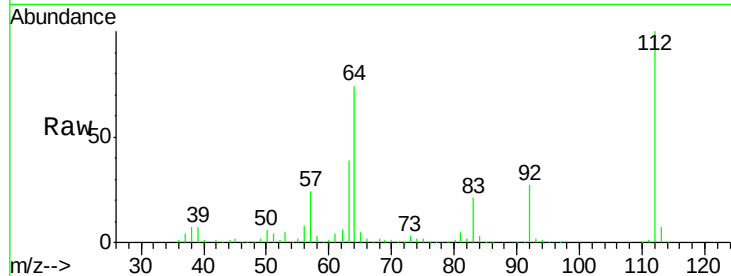




#5
 2-Fluorophenol
 Concen: 130.61 ng
 RT: 5.19 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

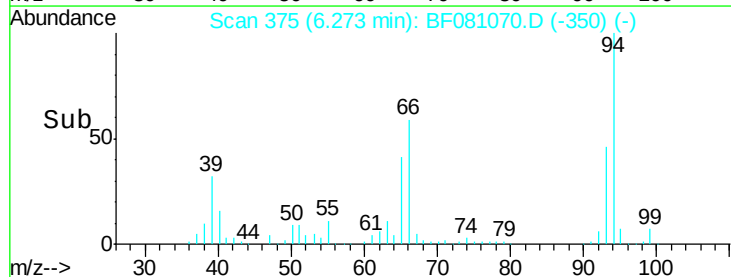
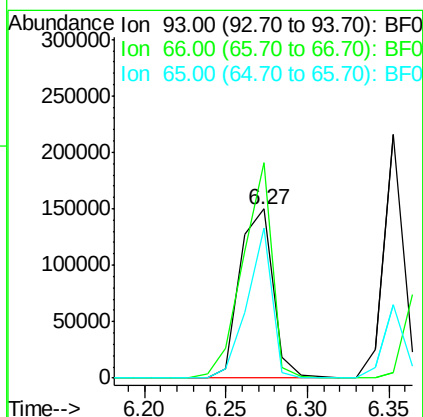
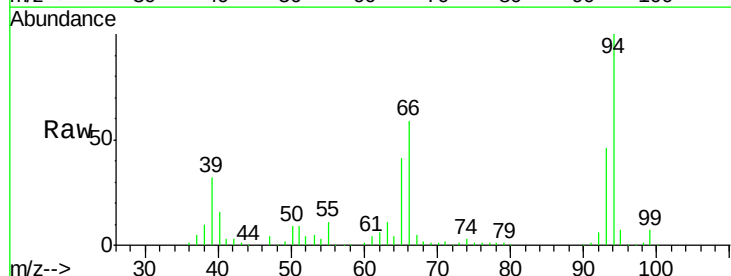
Instrument :
 BNA_F
 ClientSampleId :

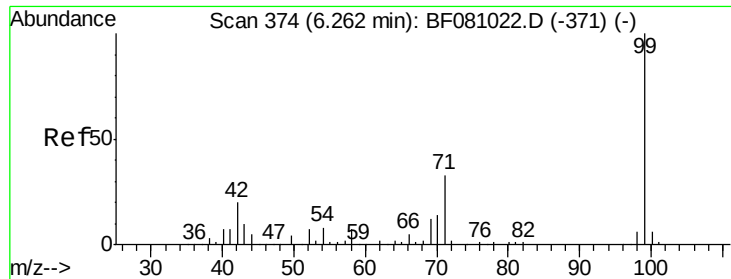
Tot Ion: 112 Resp: 485373
 Ion Ratio Lower Upper
 112 100
 64 73.6 66.9 100.3
 63 38.6 38.1 57.1



#6
 Aniline
 Concen: 29.99 ng
 RT: 6.27 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Tgt Ion: 93 Resp: 211467
 Ion Ratio Lower Upper
 93 100
 66 127.4 35.6 53.4#
 65 89.1 18.7 28.1#





#7

Phenol-d6

Concen: 133.03 ng

RT: 6.26 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :
BNA_F
ClientSampleId :

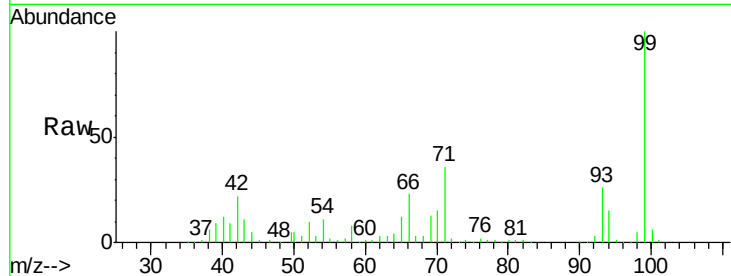
Tot Ion: 99 Resp: 645053

Ion Ratio Lower Upper

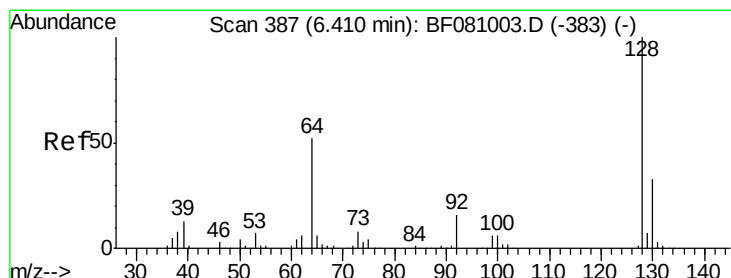
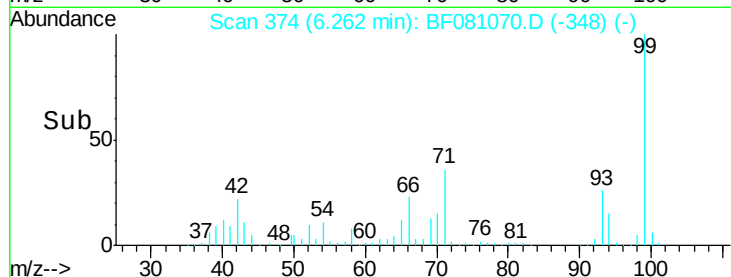
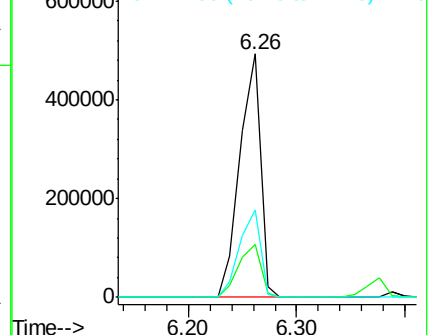
99 100

42 21.8 19.6 29.4

71 36.0 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: 42.44 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

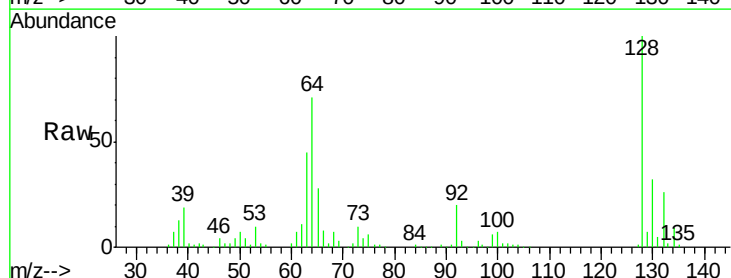
Tgt Ion: 128 Resp: 172657

Ion Ratio Lower Upper

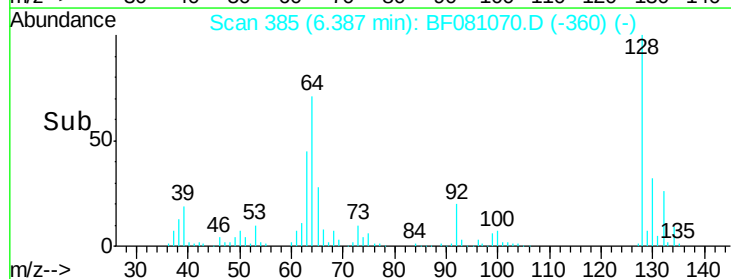
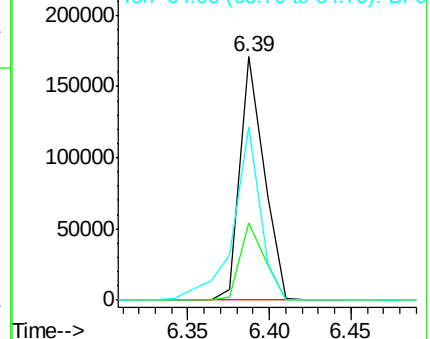
128 100

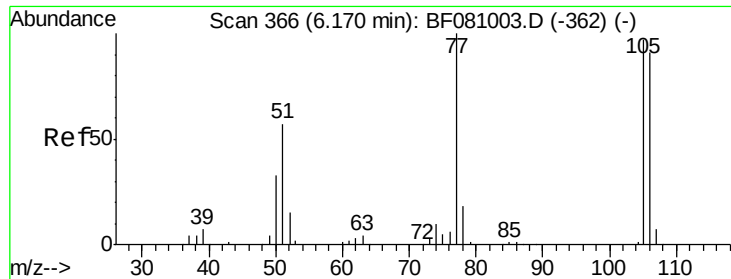
130 31.7 12.5 52.5

64 71.4 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

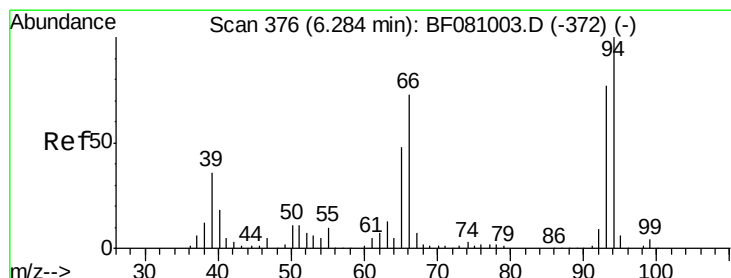
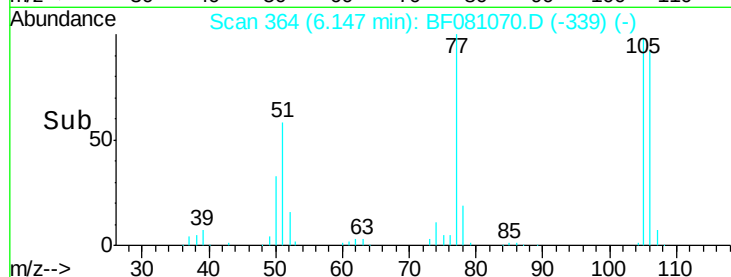
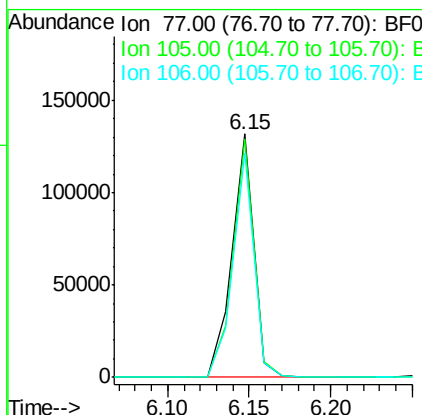
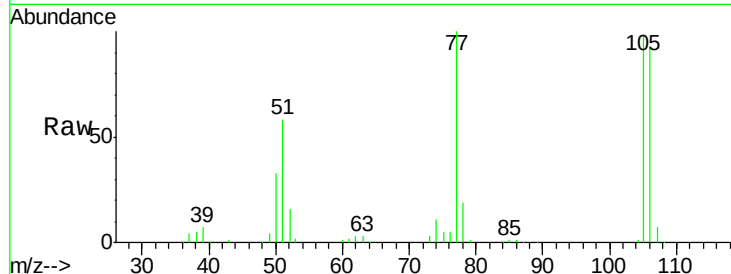




#9
Benzaldehyde
Concen: 38.69 ng
RT: 6.15 min Scan# 364
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

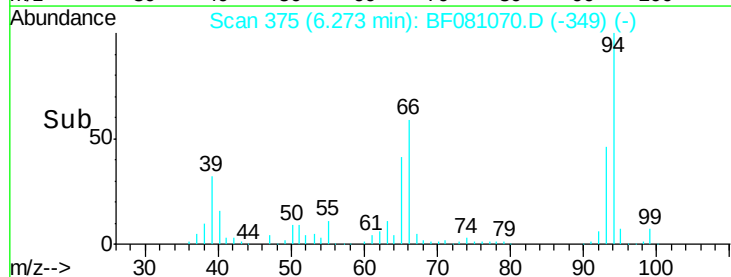
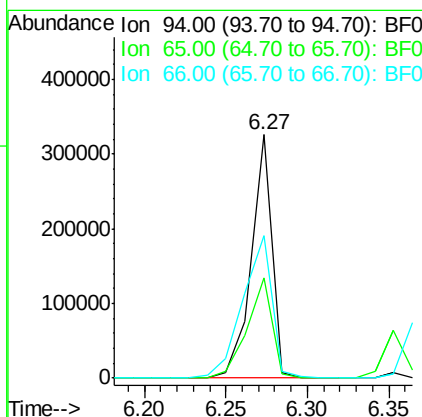
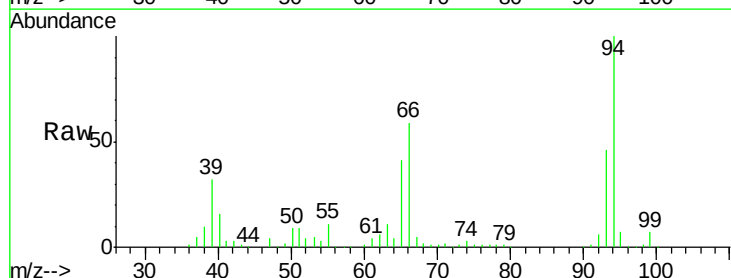
Instrument :
BNA_F
ClientSampleId :

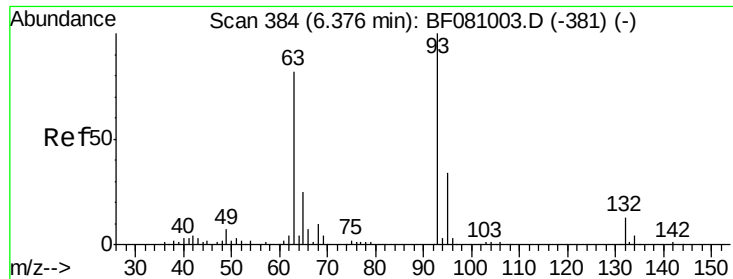
Tot Ion: 77 Resp: 120933
Ion Ratio Lower Upper
77 100
105 98.1 69.6 109.6
106 92.2 64.0 104.0



#10
Phenol
Concen: 50.24 ng
RT: 6.27 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Tgt Ion: 94 Resp: 287734
Ion Ratio Lower Upper
94 100
65 41.0 28.4 68.4
66 58.6 52.3 92.3

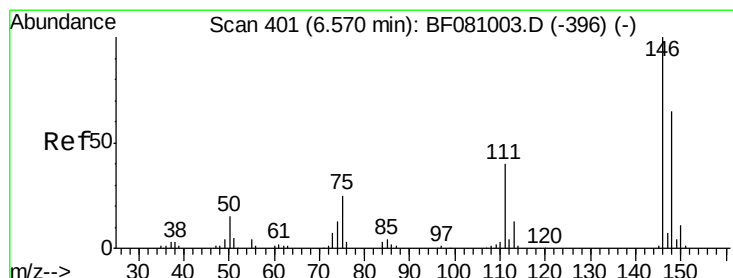
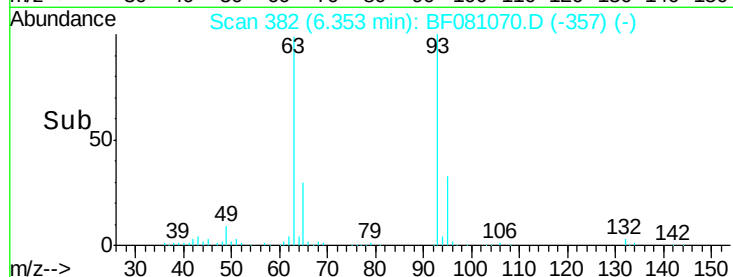
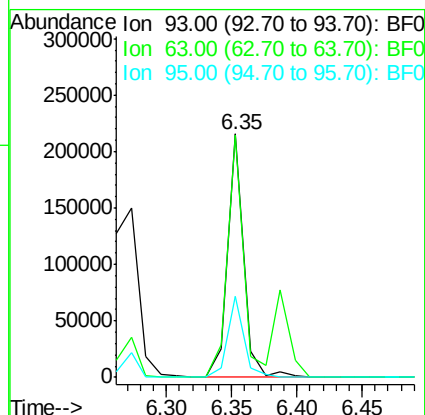
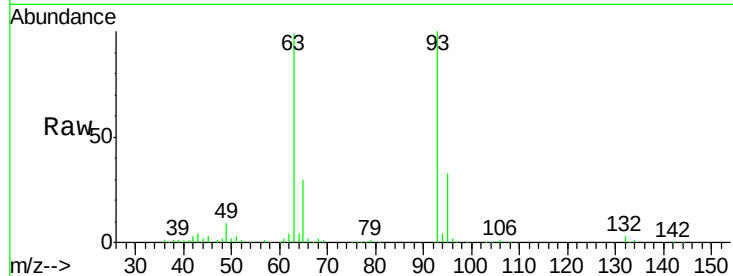




#11
bis(2-Chloroethyl)ether
Concen: 42.75 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

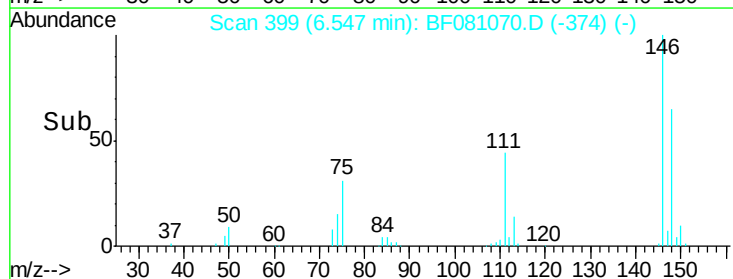
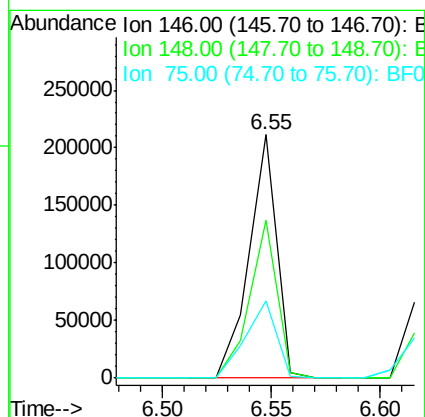
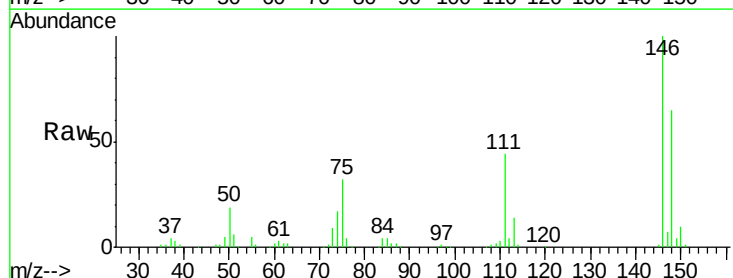
Instrument :
BNA_F
ClientSampleId :

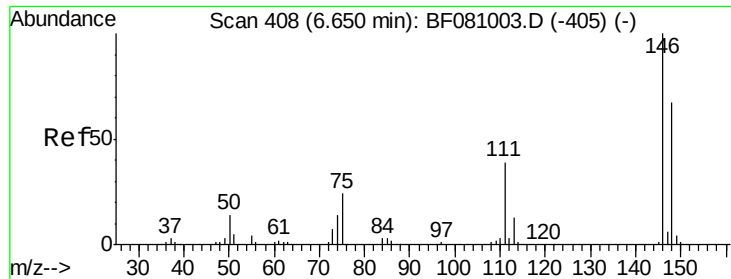
Tot Ion: 93 Resp: 187841
Ion Ratio Lower Upper
93 100
63 99.3 69.6 109.6
95 33.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.68 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Tgt Ion: 146 Resp: 186566
Ion Ratio Lower Upper
146 100
148 64.7 53.3 79.9
75 31.5 25.0 37.6

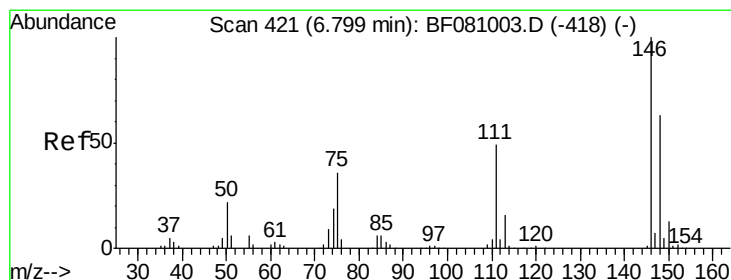
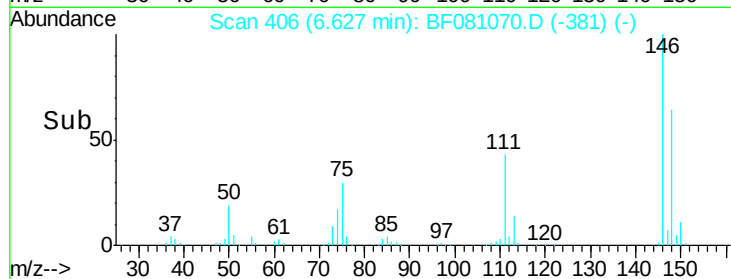
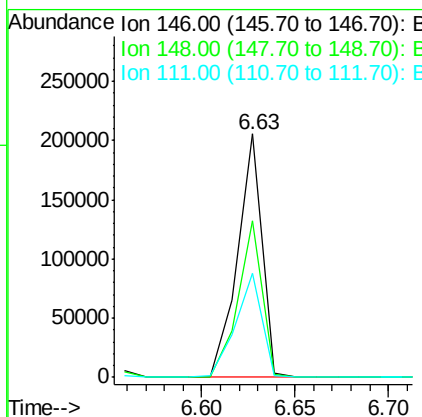
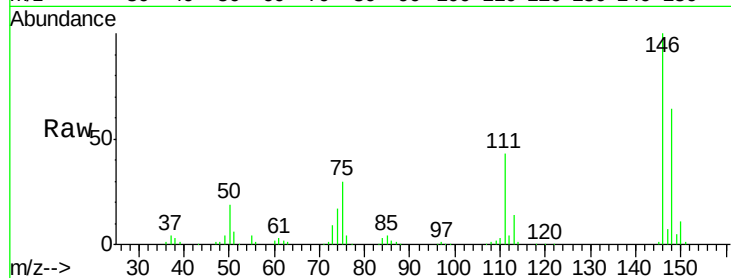




#13
 1,4-Dichlorobenzene
 Concen: 43.71 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

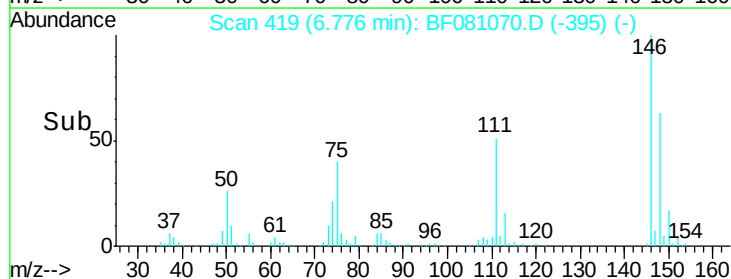
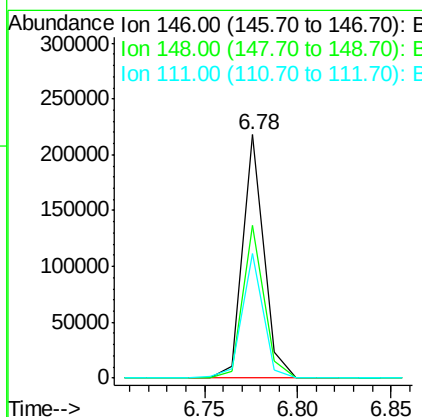
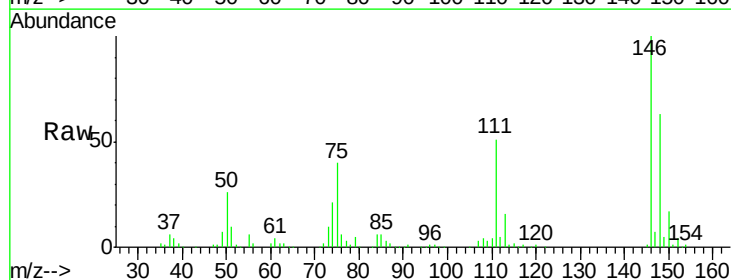
Instrument :
 BNA_F
 ClientSampleId :

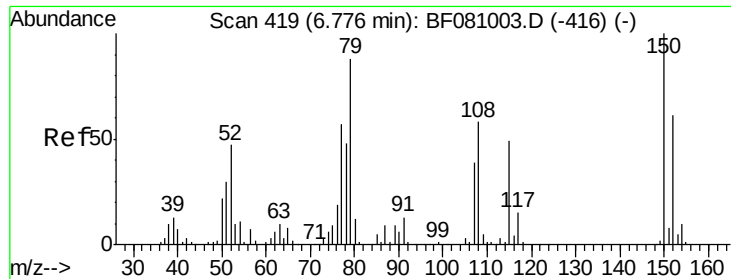
Tot Ion:146 Resp: 189158
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.3 78.5
 111 43.0 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 42.65 ng
 RT: 6.78 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Tgt Ion:146 Resp: 172760
 Ion Ratio Lower Upper
 146 100
 148 63.0 48.7 73.1
 111 51.4 42.3 63.5





#15

Benzyl Alcohol

Concen: 48.15 ng

RT: 6.76 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampled :

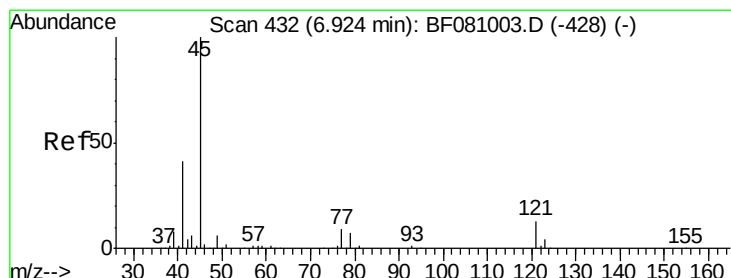
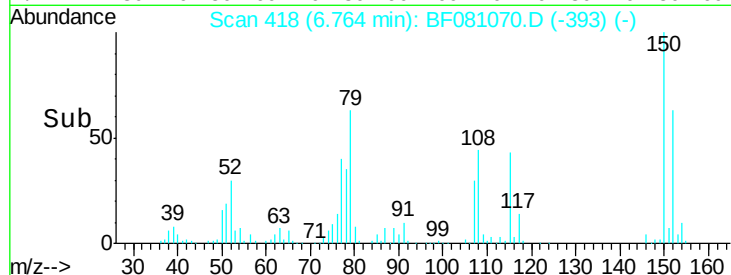
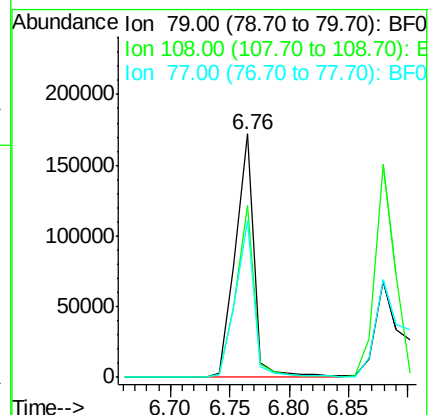
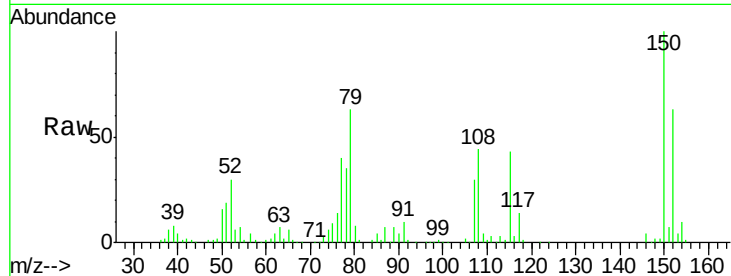
Tot Ion: 79 Resp: 188895

Ion Ratio Lower Upper

79 100

108 70.4 49.4 74.2

77 64.1 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.58 ng

RT: 6.90 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

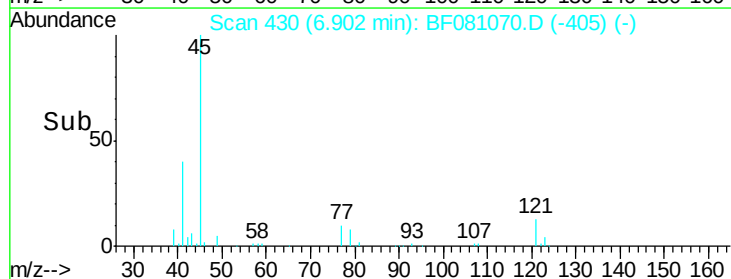
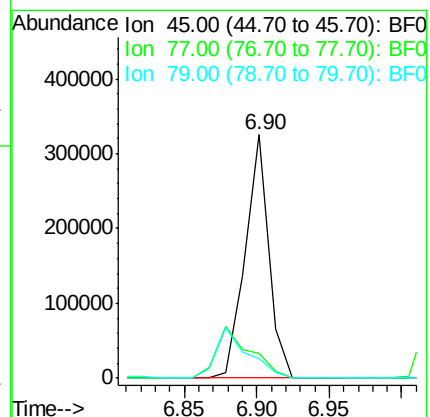
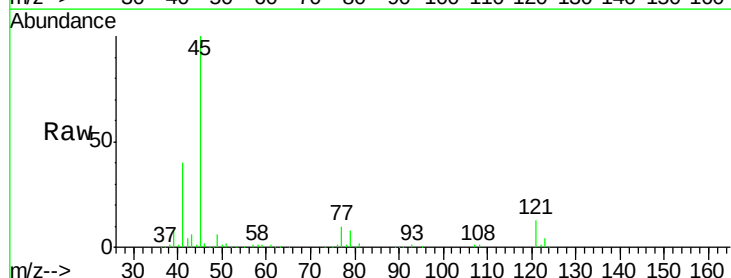
Tgt Ion: 45 Resp: 367691

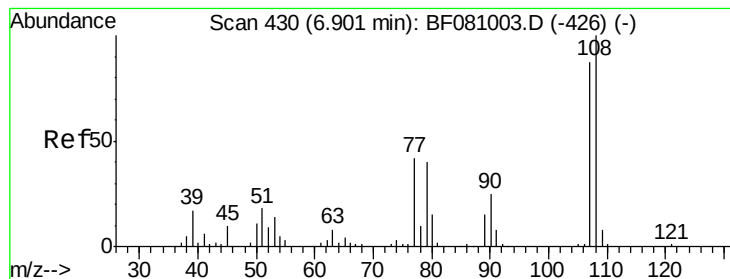
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.2

79 8.1 0.0 28.0

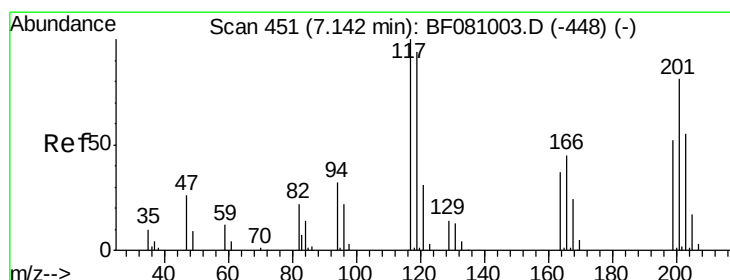
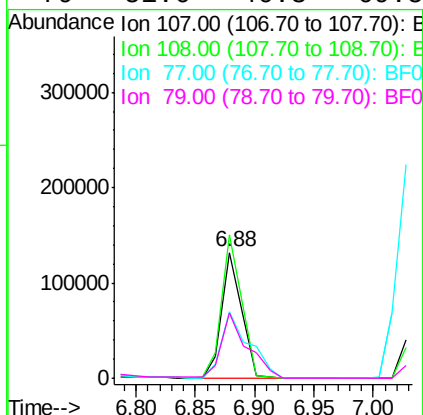
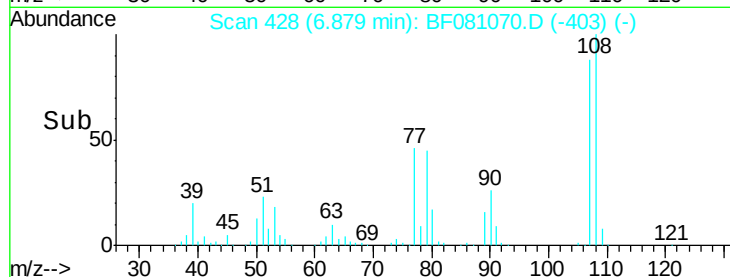
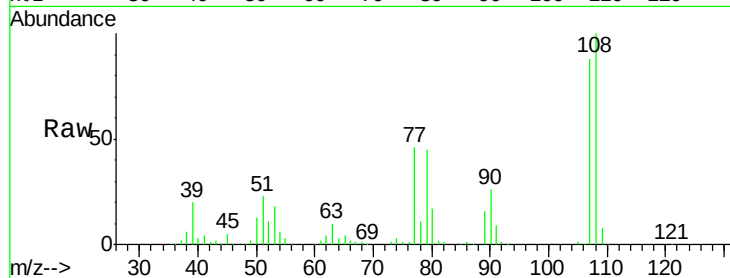




#17
2-Methylphenol
Concen: 43.98 ng
RT: 6.88 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

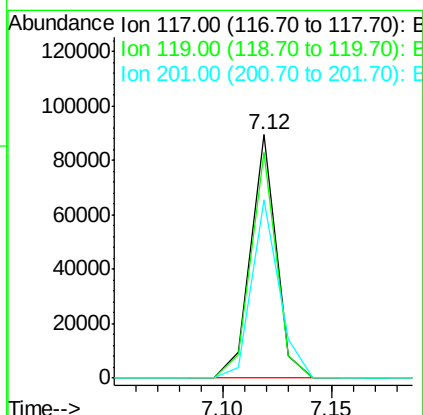
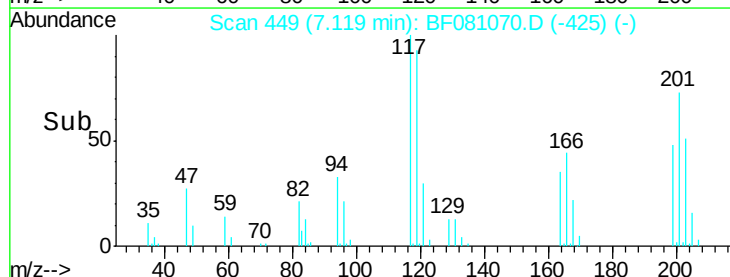
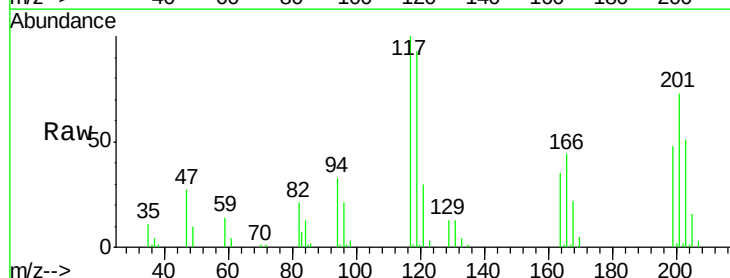
Instrument :
BNA_F
ClientSampleId :

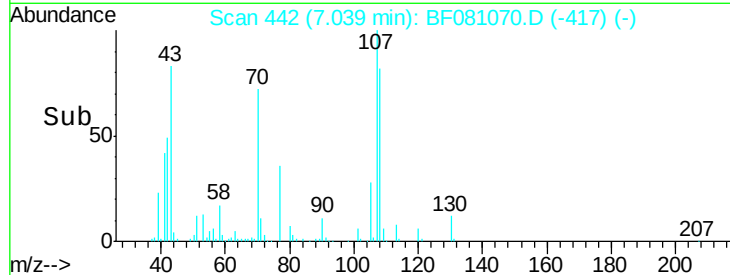
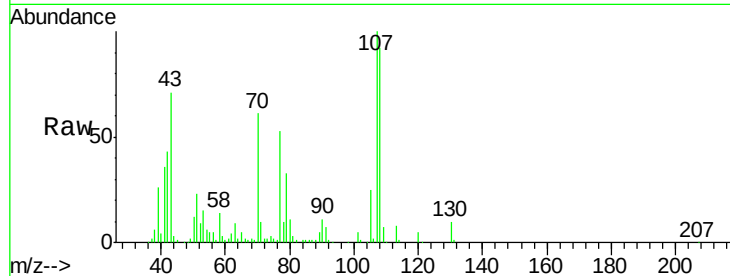
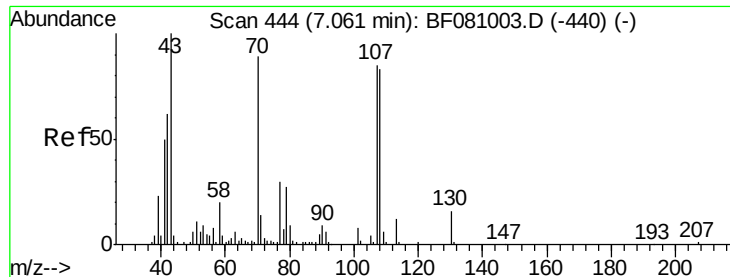
Tot Ion:	107	Resp:	153506
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.4	135.6
77	52.7	46.5	69.7
79	51.6	46.3	69.5



#18
Hexachloroethane
Concen: 42.04 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Tgt Ion:	117	Resp:	73523
Ion	Ratio	Lower	Upper
117	100		
119	92.8	77.9	116.9
201	73.1	61.3	91.9

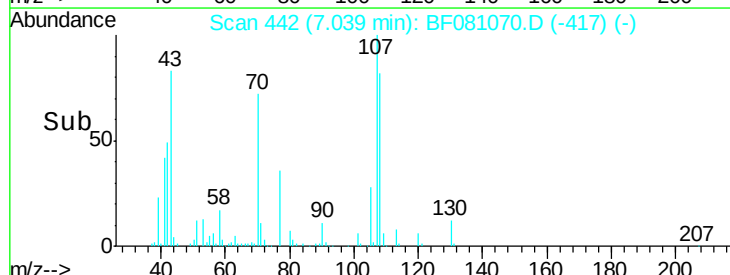
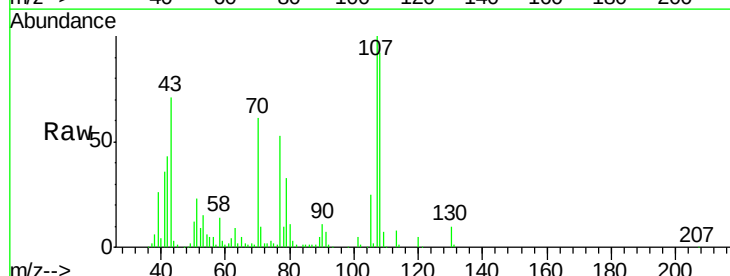
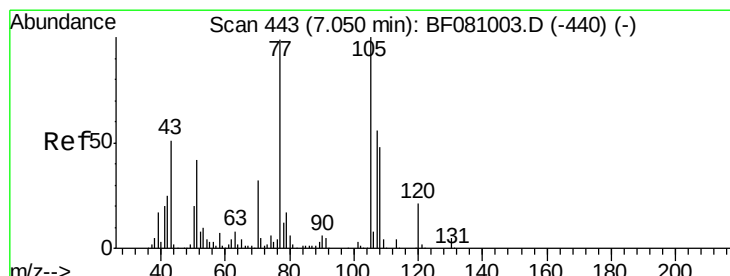
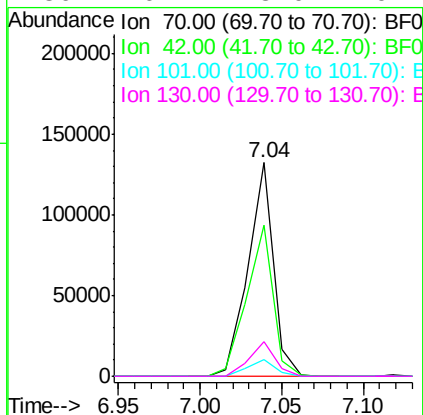




#19
n-Nitroso-di-n-propylamine
Concen: 42.38 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

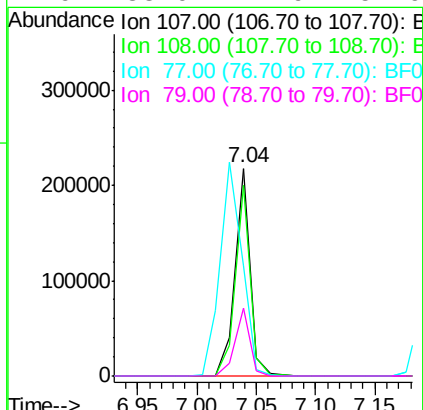
Instrument :
BNA_F
ClientSampleId :

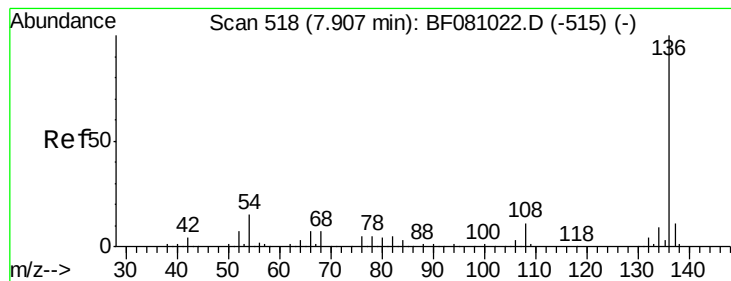
Tot Ion:	70	Resp:	142364
Ion	Ratio	Lower	Upper
70	100		
42	71.0	65.0	97.4
101	8.1	7.4	11.2
130	16.4	13.0	19.4



#20
3+4-Methylphenols
Concen: 43.72 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Tgt Ion:	107	Resp:	193697
Ion	Ratio	Lower	Upper
107	100		
108	91.9	66.1	106.1
77	52.7	139.3	179.3#
79	33.0	11.9	51.9

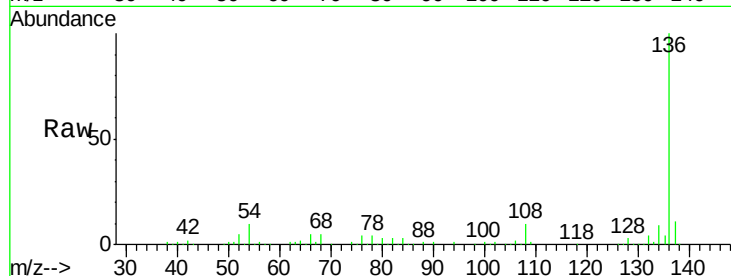




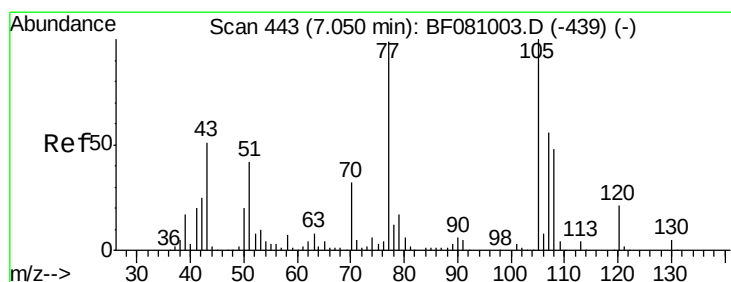
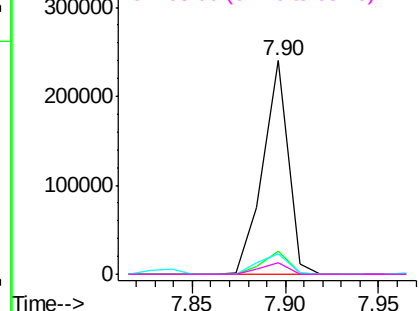
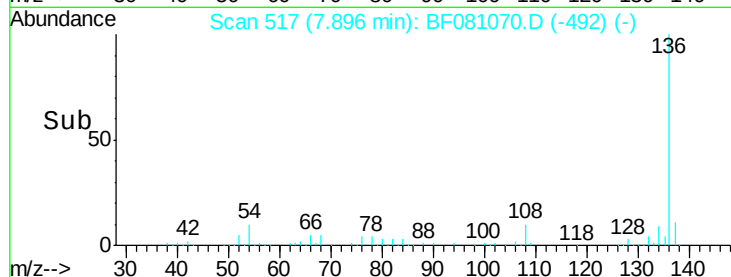
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	225671
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	9.6	7.7 11.5
68	5.3	3.4 5.2#

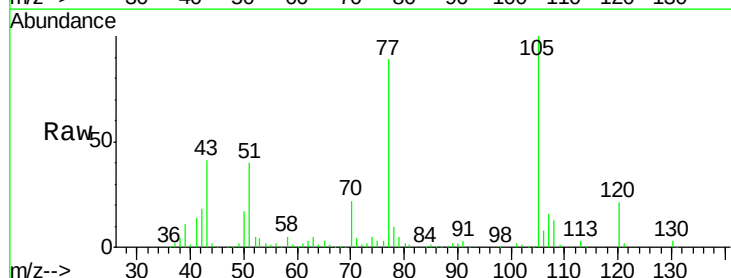


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

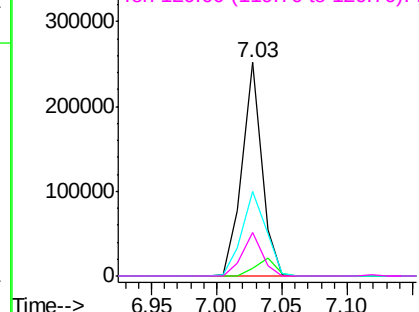
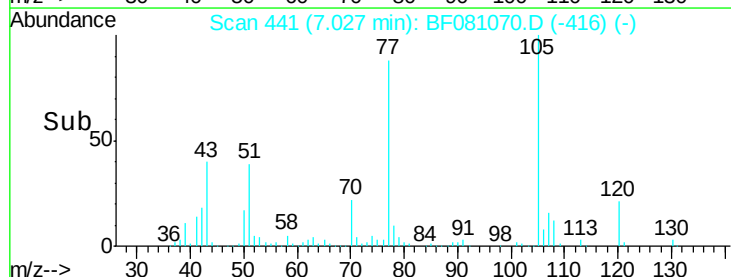


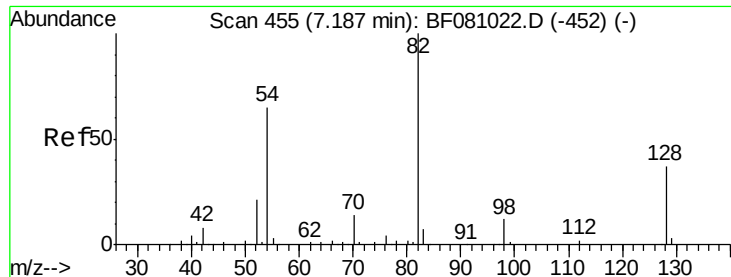
#22
Acetophenone
Concen: 44.92 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Tgt Ion:105	Resp:	266125
Ion Ratio	Lower	Upper
105	100	
71	3.7	3.0 4.6
51	39.7	39.8 59.8#
120	20.5	15.8 23.8



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

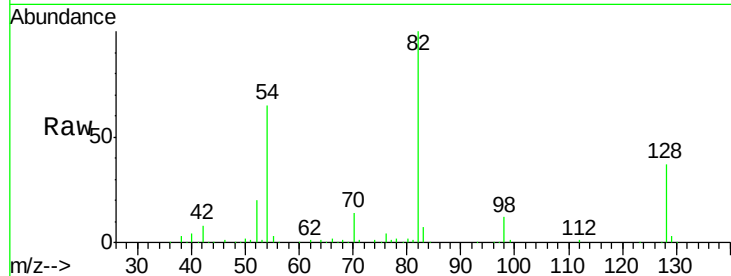




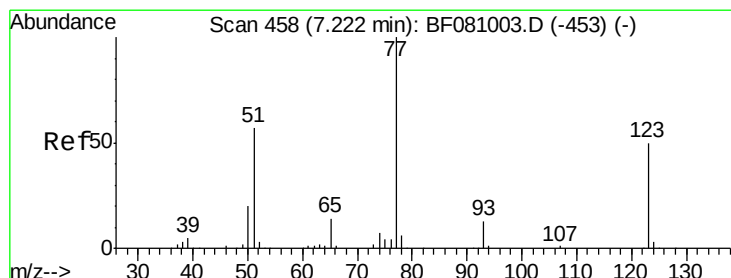
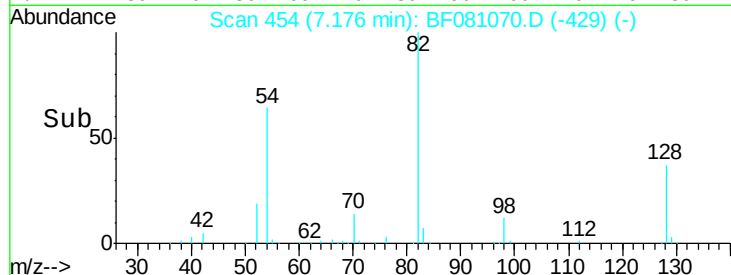
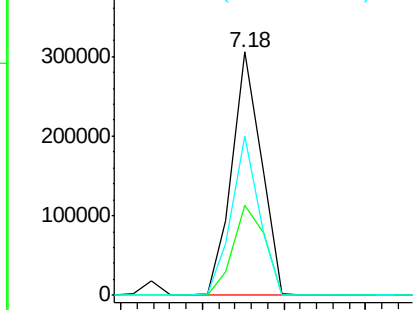
#23
 Nitrobenzene-d5
 Concen: 77.07 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.0	28.6	42.8
54	65.1	55.1	82.7

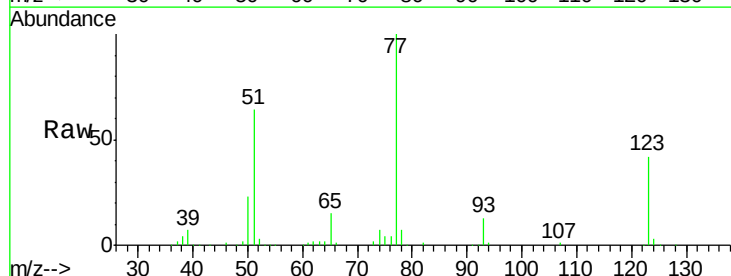


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

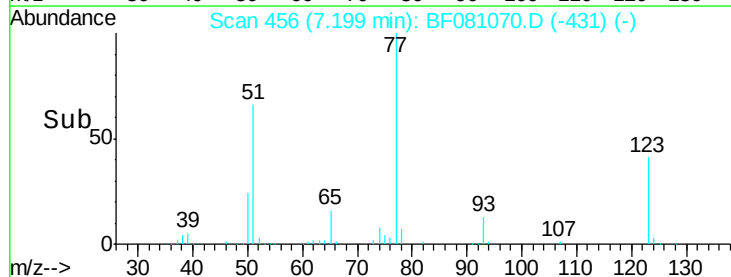
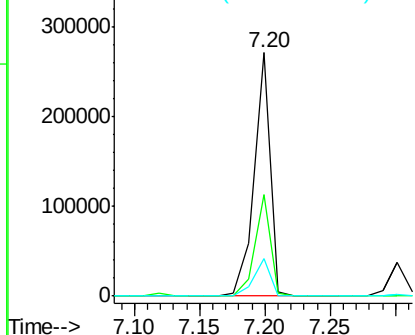


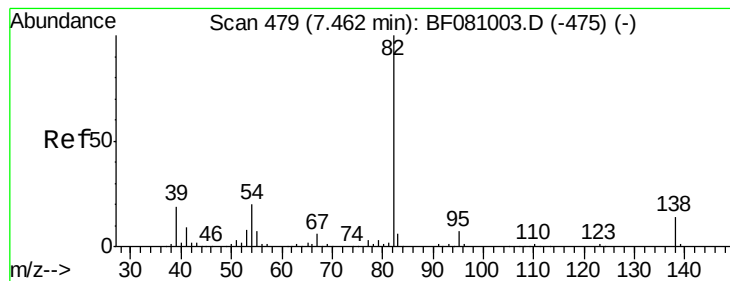
#24
 Nitrobenzene
 Concen: 45.28 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.7	32.9	49.3
65	15.4	12.5	18.7



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





#25

Isophorone

Concen: 42.59 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

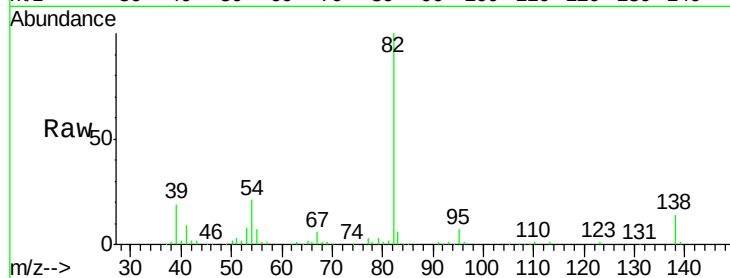
Tot Ion: 82 Resp: 392330

Ion Ratio Lower Upper

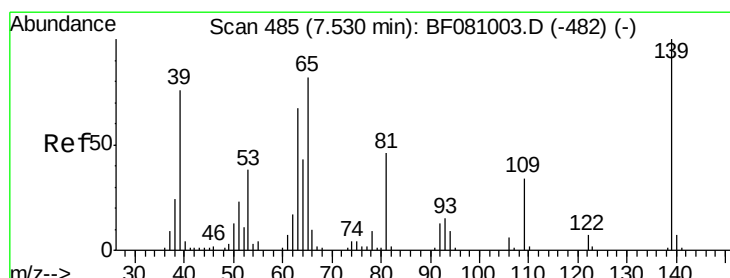
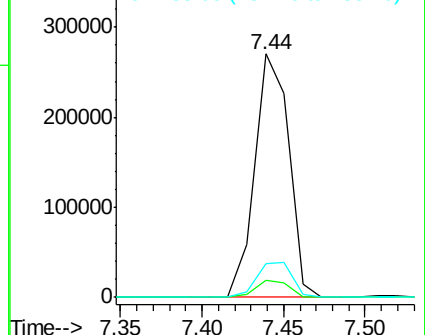
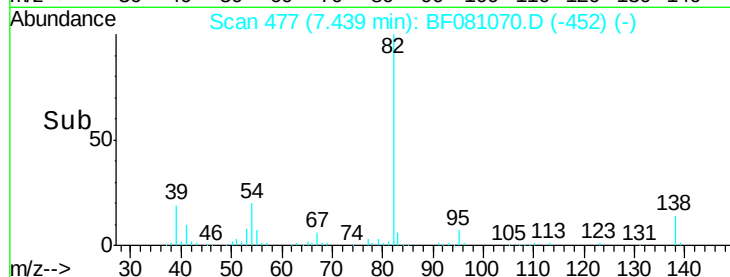
82 100

95 6.9 6.2 9.2

138 13.6 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: 46.36 ng

RT: 7.52 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

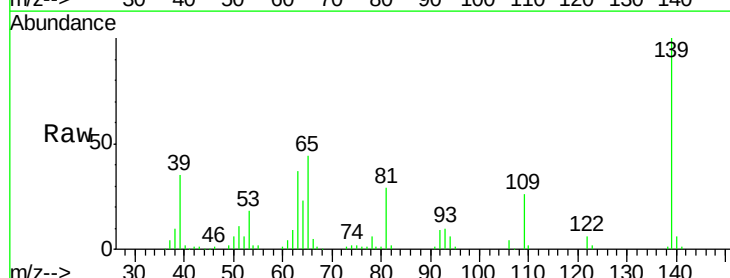
Tgt Ion: 139 Resp: 99586

Ion Ratio Lower Upper

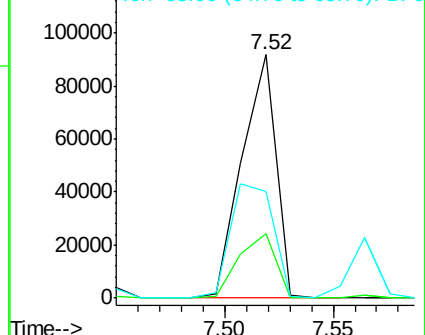
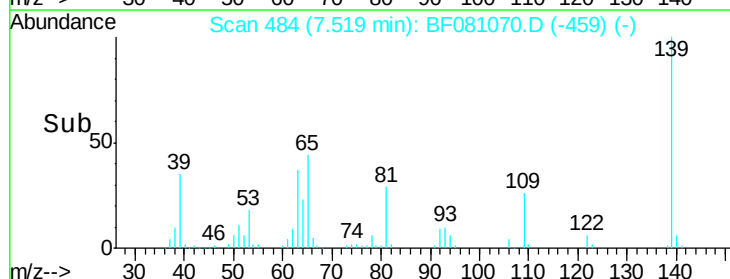
139 100

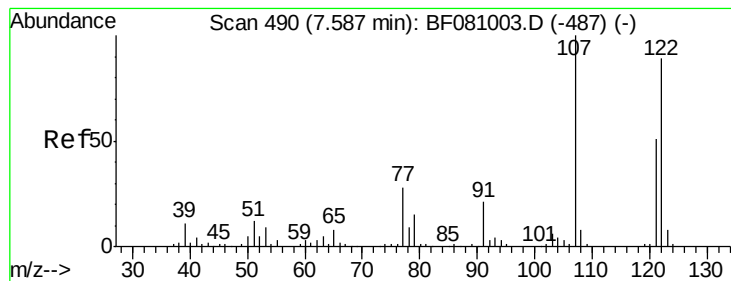
109 26.2 32.1 48.1#

65 43.9 69.9 104.9#



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





#27

2,4-Dimethylphenol

Concen: 44.67 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampled :

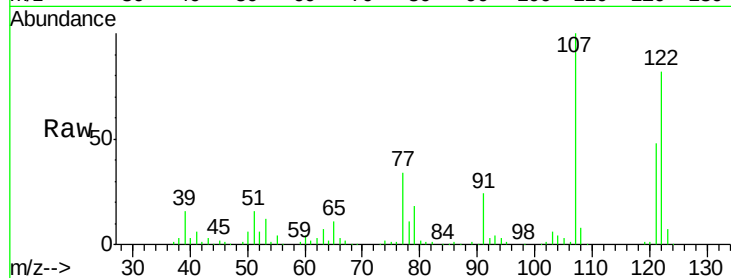
Tot Ion:122 Resp: 169759

Ion Ratio Lower Upper

122 100

107 121.7 103.8 155.6

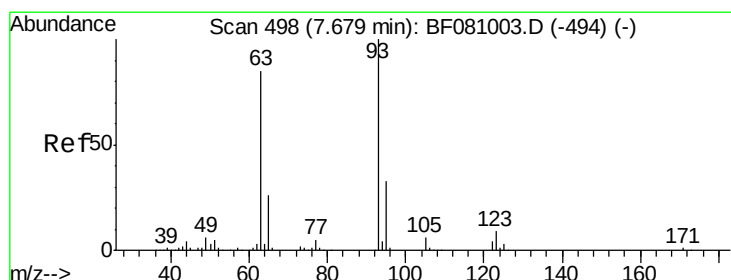
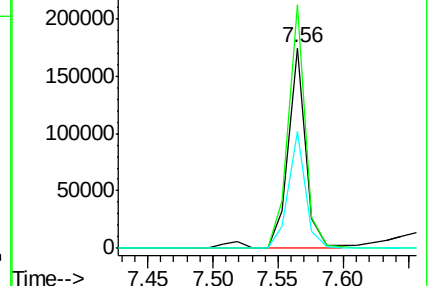
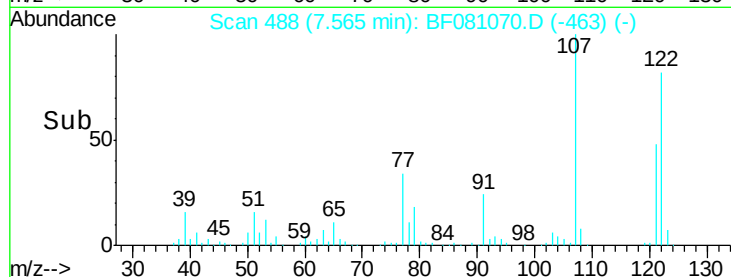
121 58.4 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.88 ng

RT: 7.66 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

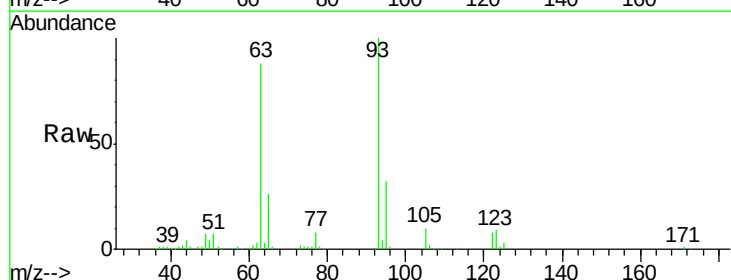
Tgt Ion: 93 Resp: 233357

Ion Ratio Lower Upper

93 100

95 31.6 25.8 38.8

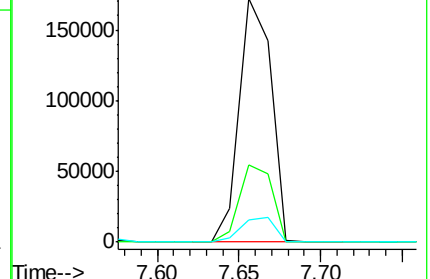
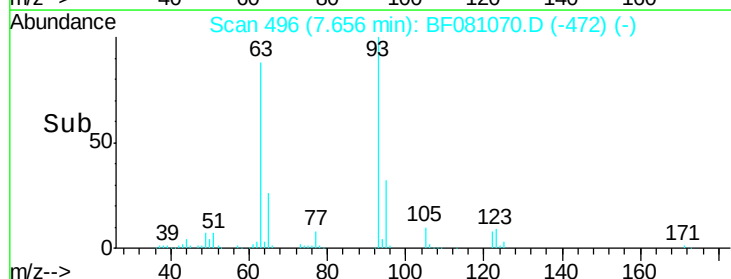
123 9.3 7.4 11.0

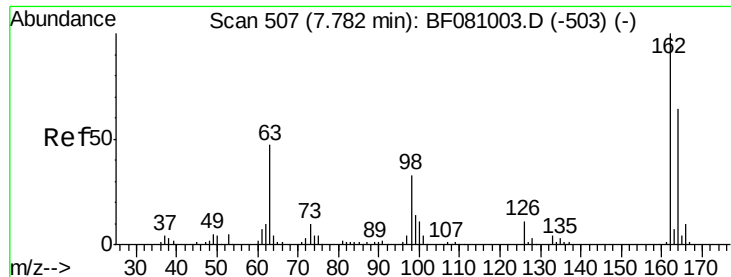


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

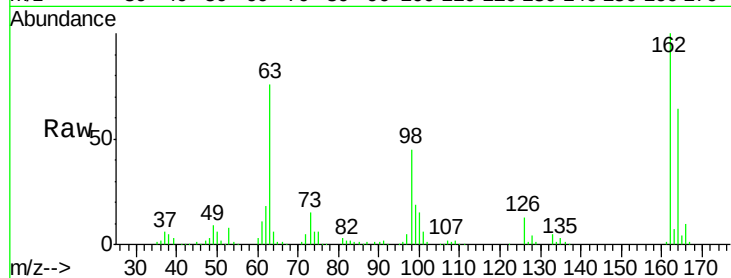




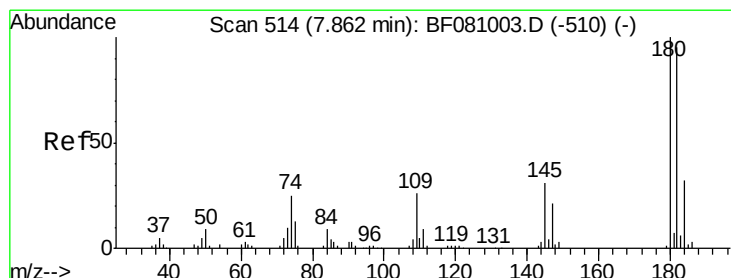
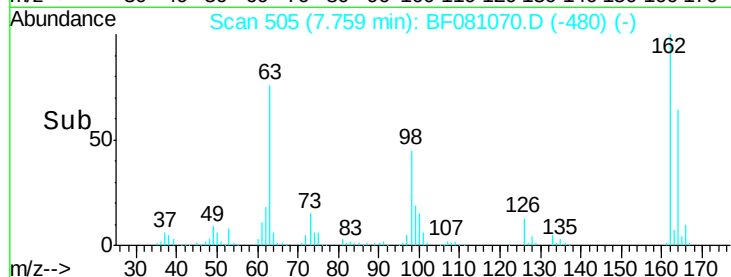
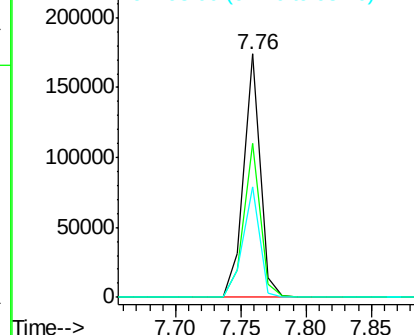
#29
 2,4-Dichlorophenol
 Concen: 47.46 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.2	83.2
98	45.4	12.3	52.3

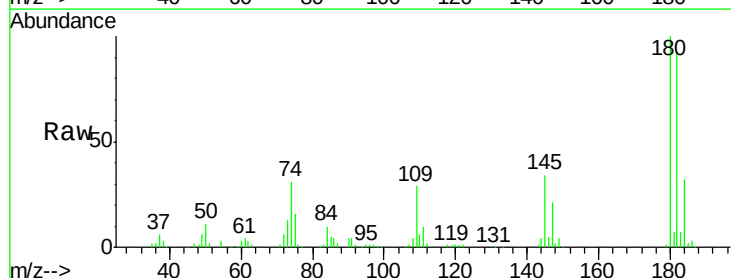


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

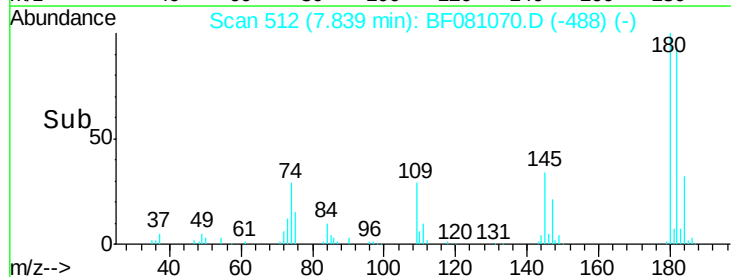
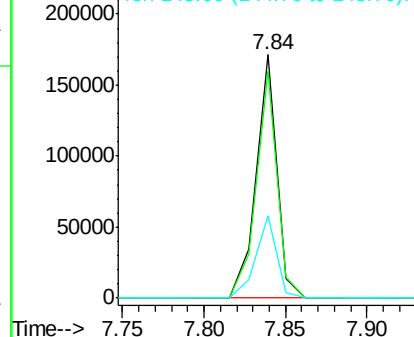


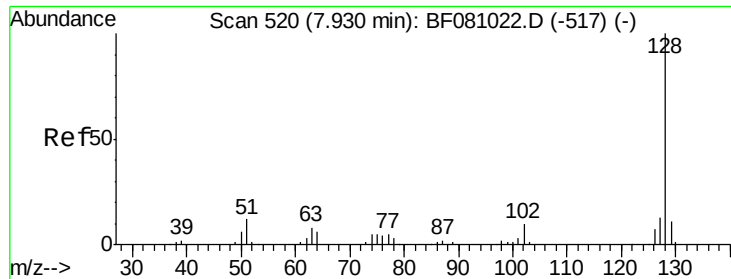
#30
 1,2,4-Trichlorobenzene
 Concen: 42.61 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.4	114.6
145	33.6	25.4	38.2



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

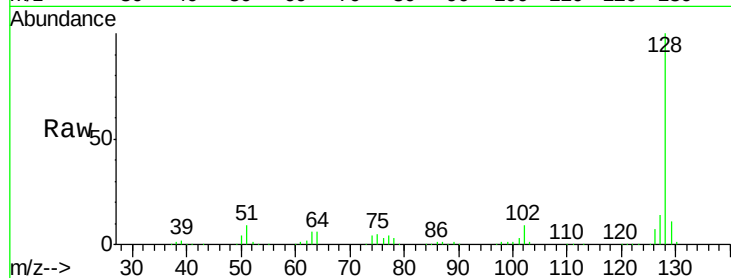




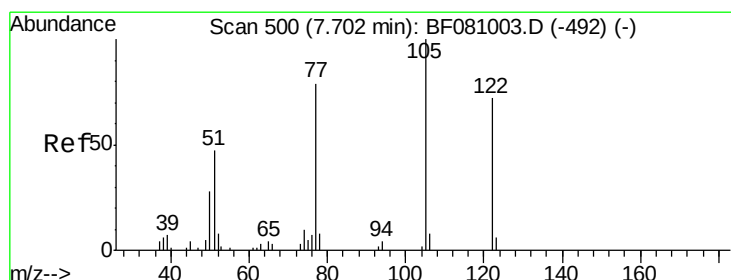
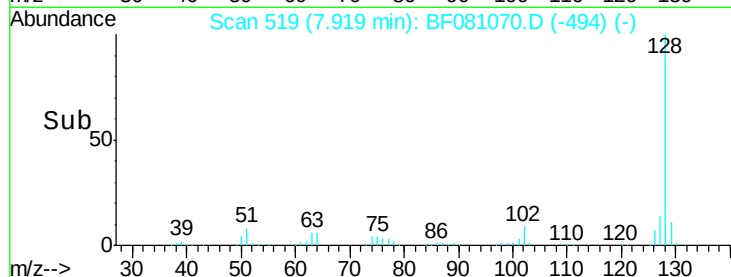
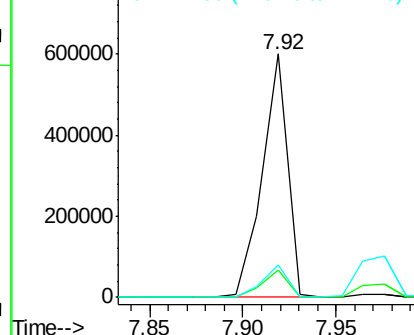
#31
Naphthalene
Concen: 44.67 ng
RT: 7.92 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.4	12.6
127	13.5	10.6	16.0

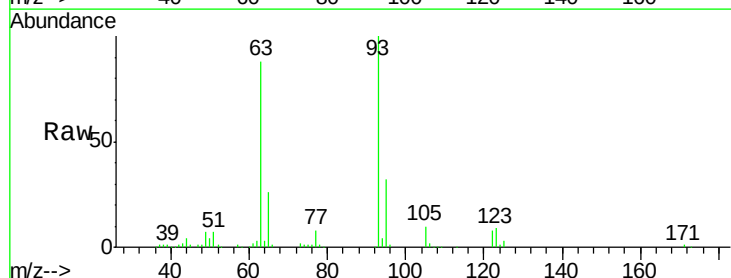


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

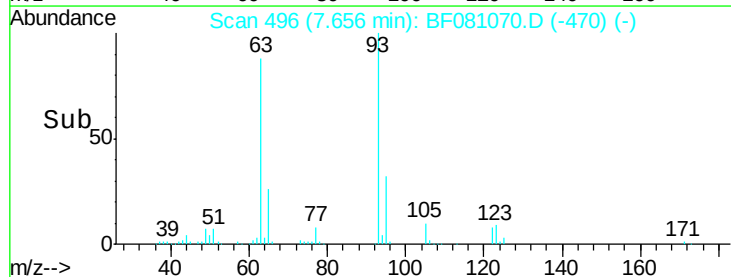
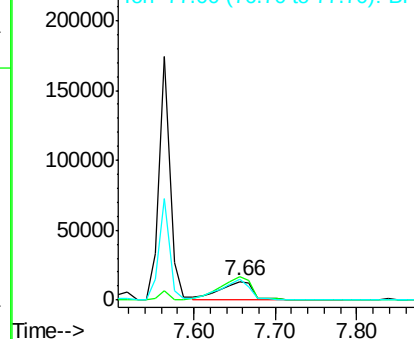


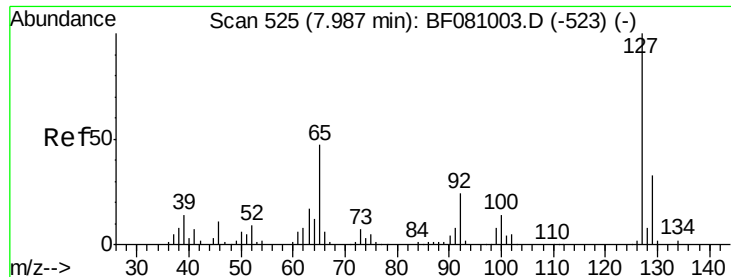
#32
Benzoic acid
Concen: 17.62 ng
RT: 7.66 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.6	113.8	153.8
77	109.3	93.8	133.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

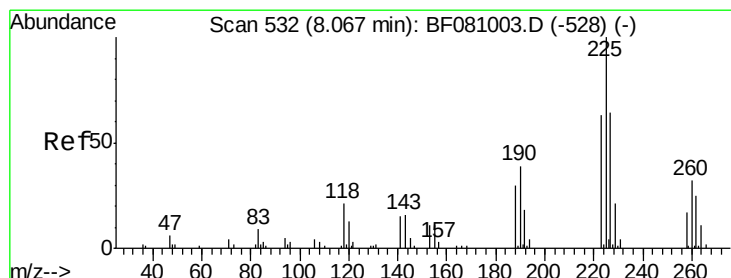
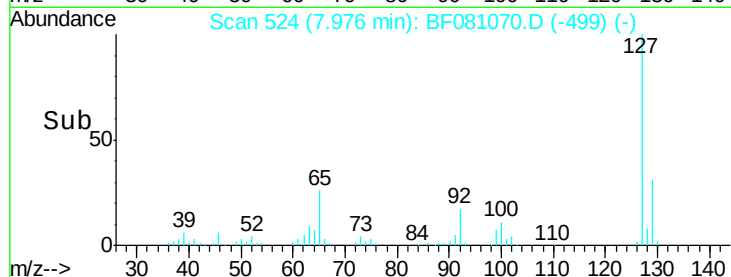
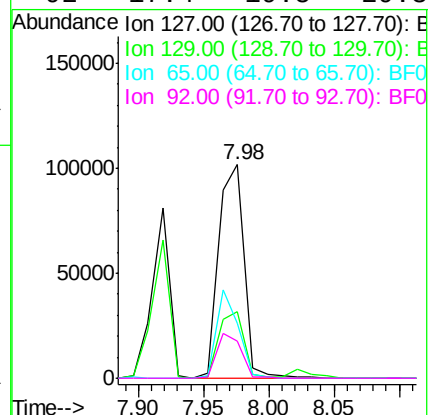
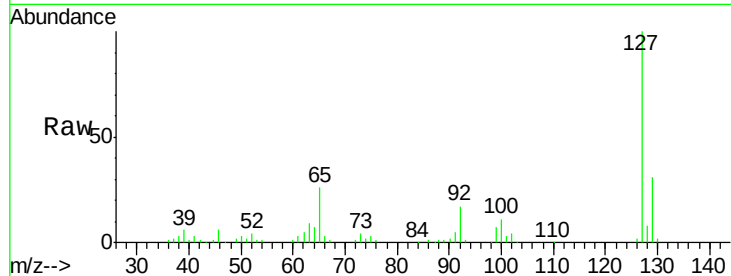




#33
4-Chloroaniline
Concen: 26.29 ng
RT: 7.98 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

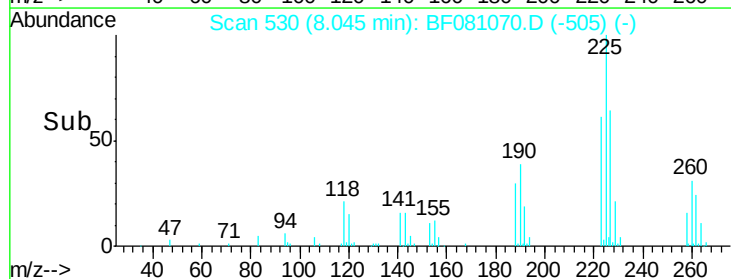
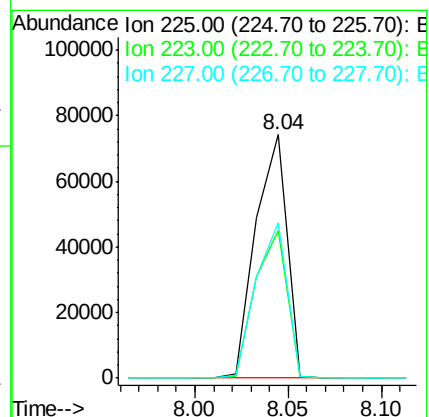
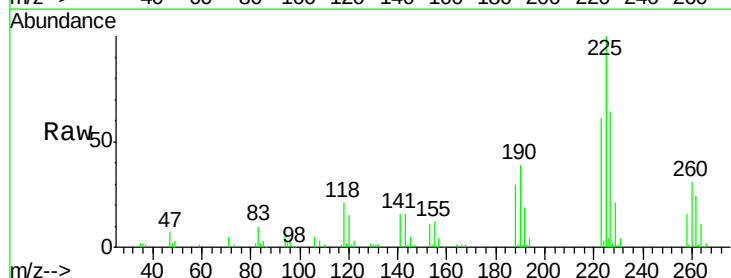
Instrument :
BNA_F
ClientSampleId :

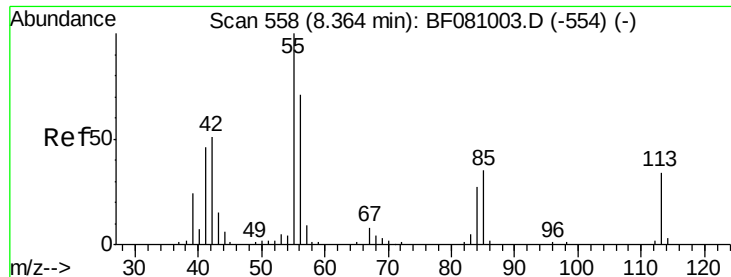
Tot Ion:	127	Resp:	139525
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.2	37.8
65	25.9	37.8	56.6#
92	17.4	19.5	29.3#



#34
Hexachlorobutadiene
Concen: 42.67 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Tgt Ion:	225	Resp:	85795
Ion	Ratio	Lower	Upper
225	100		
223	60.8	52.6	79.0
227	64.0	51.1	76.7





#35

Caprolactam

Concen: 25.88 ng

RT: 8.34 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

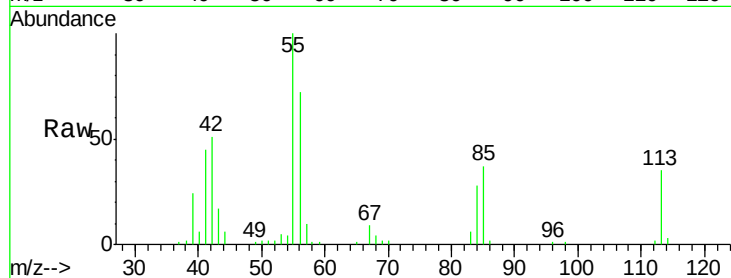
Tot Ion:113 Resp: 28935

Ion Ratio Lower Upper

113 100

55 286.2 280.4 320.4

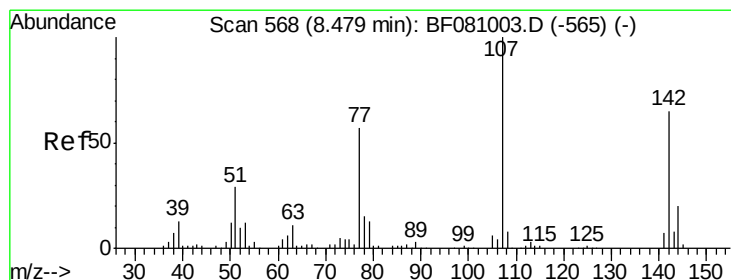
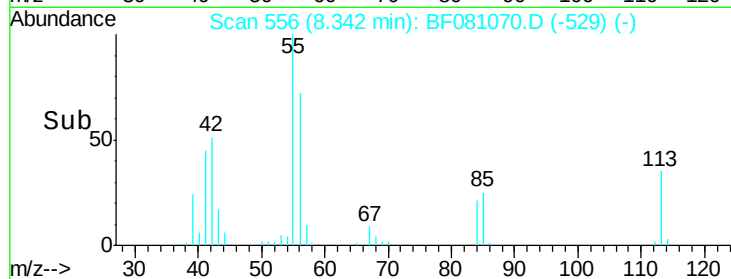
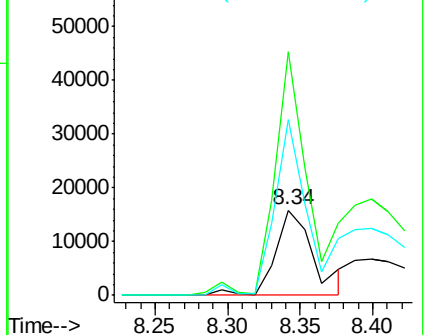
56 207.0 205.9 245.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 50.50 ng

RT: 8.47 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

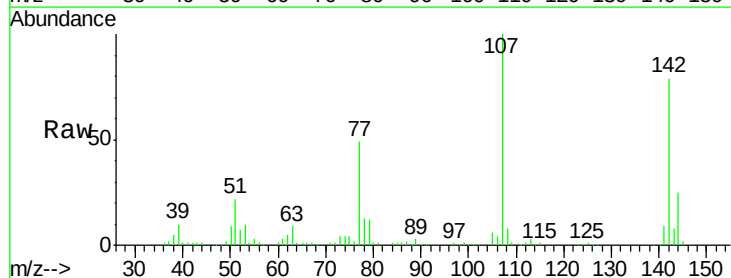
Tgt Ion:107 Resp: 192540

Ion Ratio Lower Upper

107 100

144 25.2 17.2 25.8

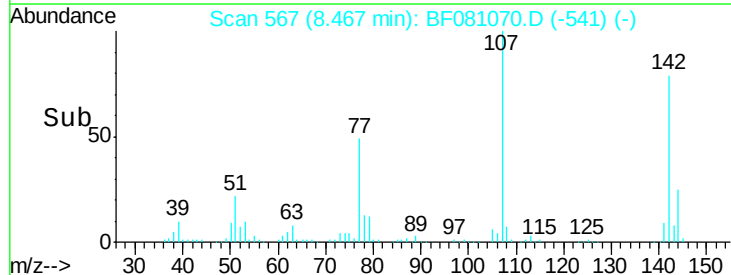
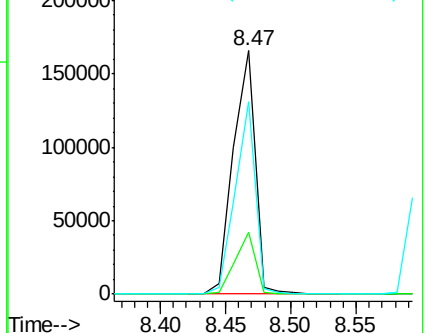
142 79.3 54.9 82.3

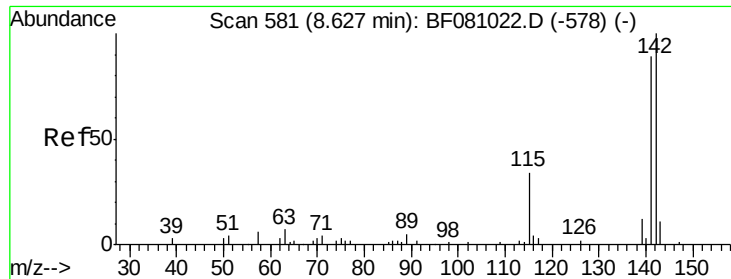


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

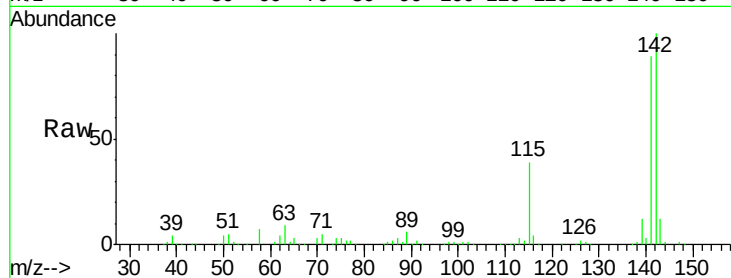




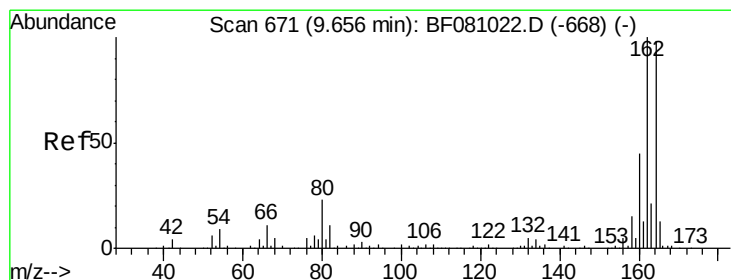
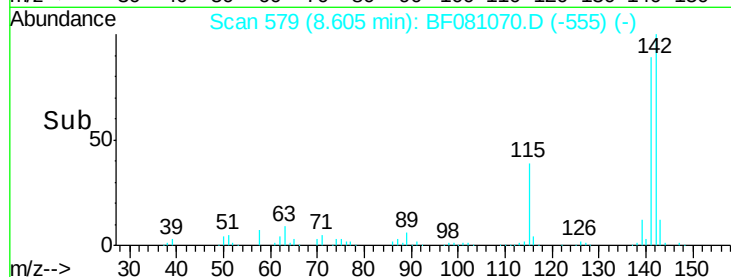
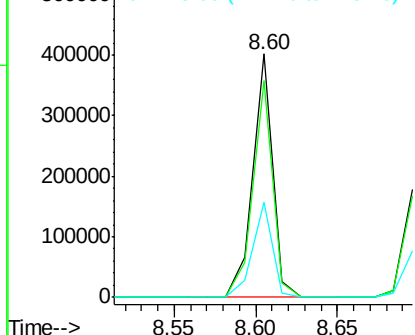
#37
 2-Methylnaphthalene
 Concen: 42.87 ng
 RT: 8.60 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 340628
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.4 107.2
 115 39.0 33.4 50.0

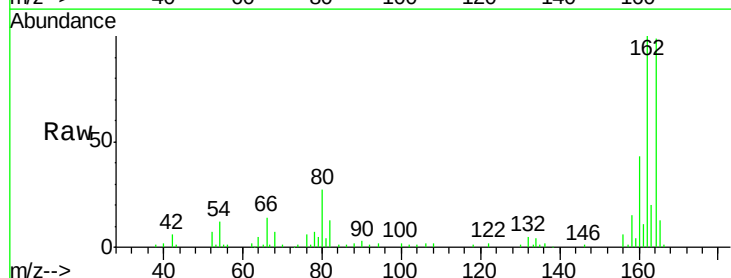


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

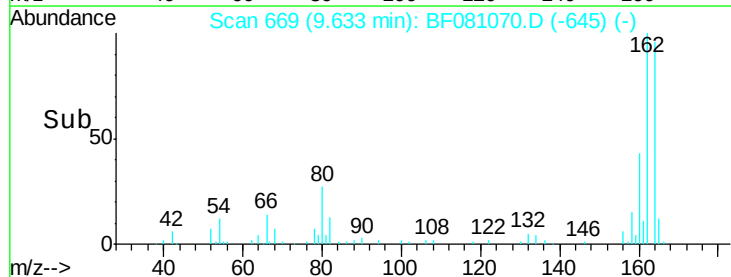
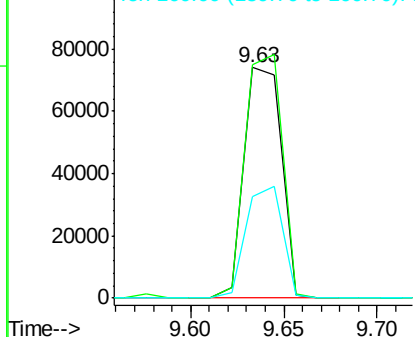


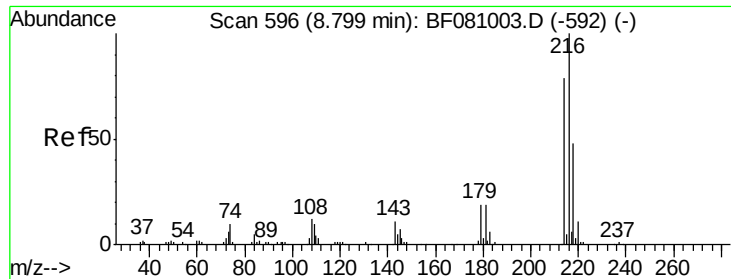
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Tgt Ion:164 Resp: 103114
 Ion Ratio Lower Upper
 164 100
 162 101.3 83.8 125.8
 160 44.0 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

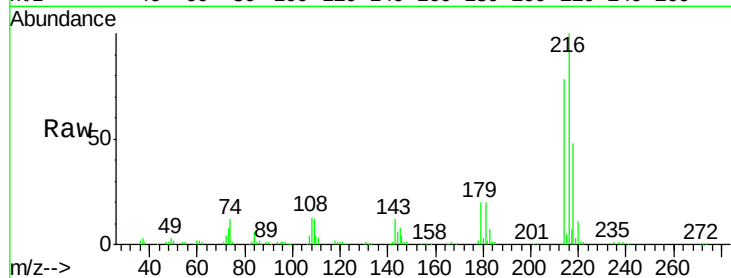




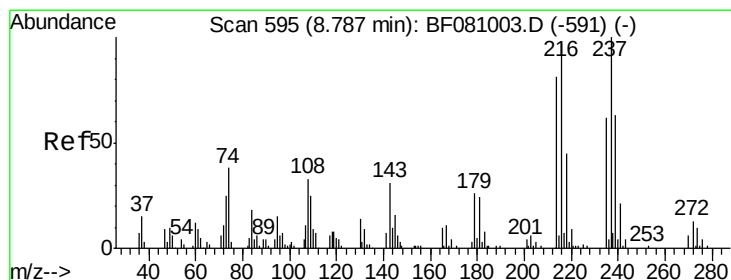
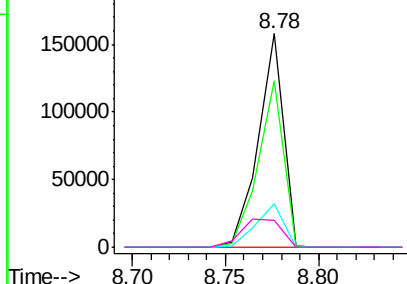
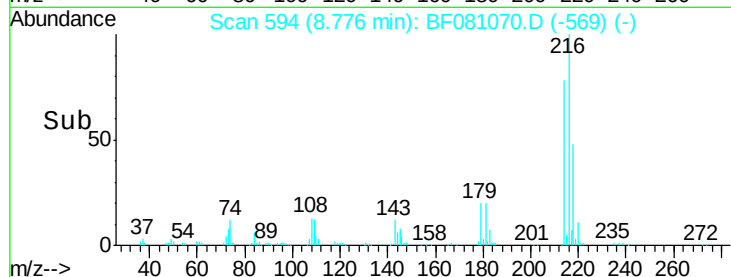
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.19 ng
 RT: 8.78 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	147021
Ion Ratio	Lower	Upper
216	100	
214	78.9	63.8 95.8
179	21.8	17.8 26.8
108	21.5	16.2 24.2

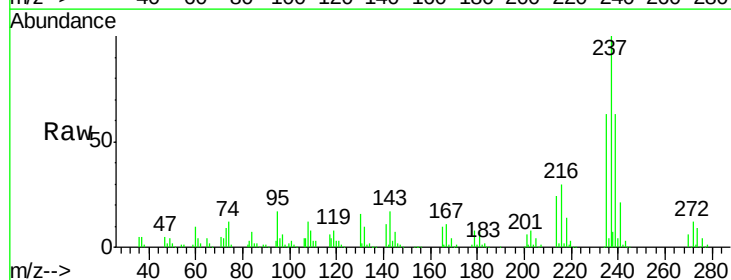


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

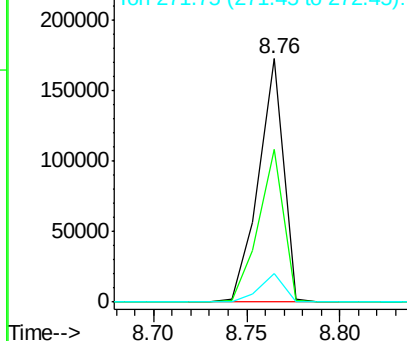
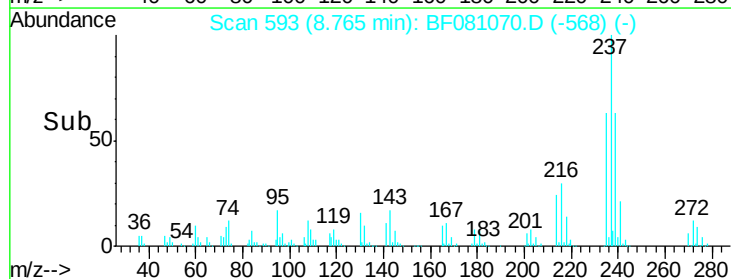


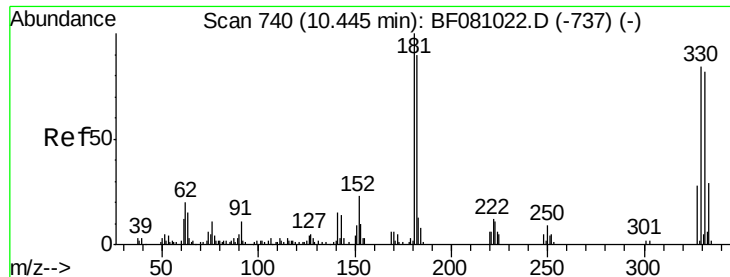
#40
 Hexachlorocyclopentadiene
 Concen: 93.39 ng
 RT: 8.76 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Tgt Ion:237	Resp:	160810
Ion Ratio	Lower	Upper
237	100	
235	62.6	43.6 83.6
272	11.8	0.0 32.2



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 98.57 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

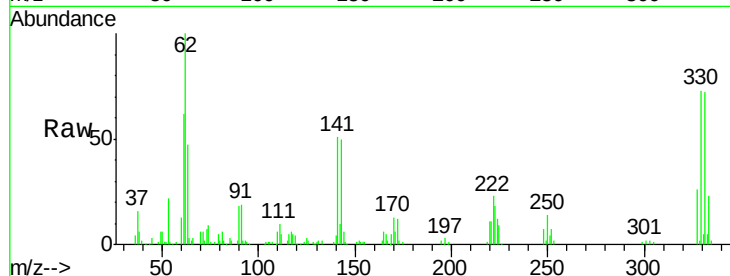
Tot Ion:330 Resp: 88101

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

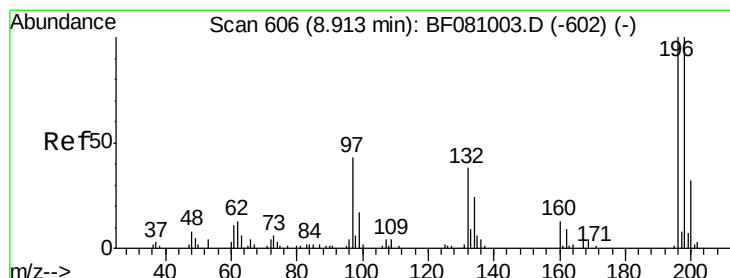
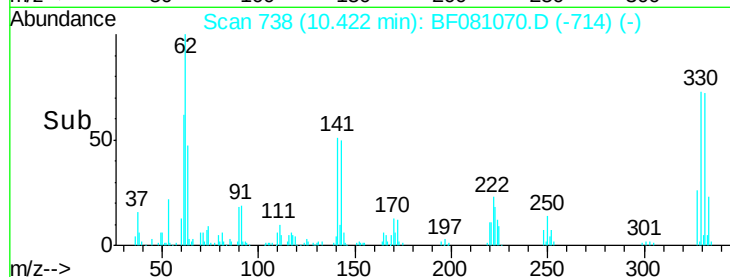
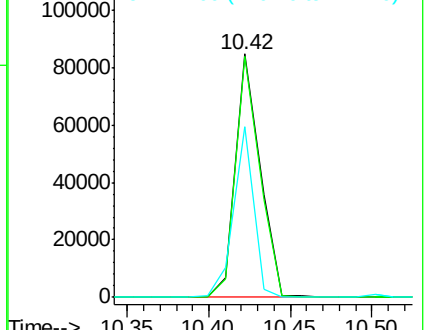
141 57.3 44.9 67.3



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: 45.97 ng

RT: 8.89 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

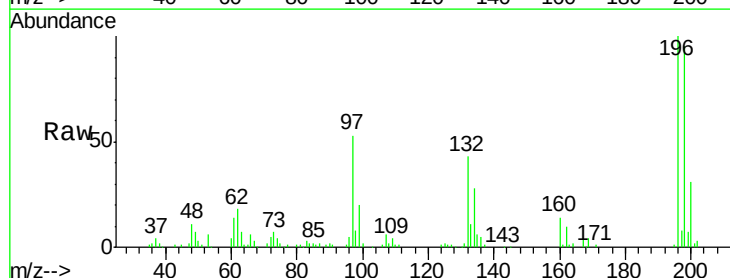
Tgt Ion:196 Resp: 108042

Ion Ratio Lower Upper

196 100

198 95.1 74.6 111.8

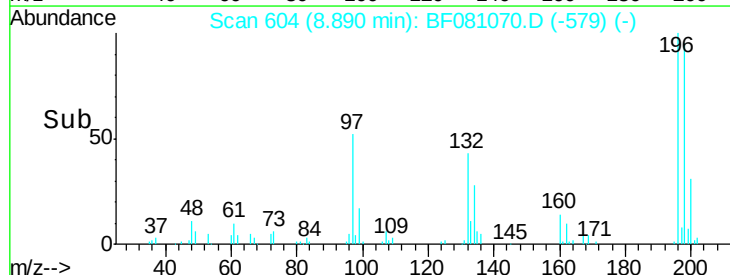
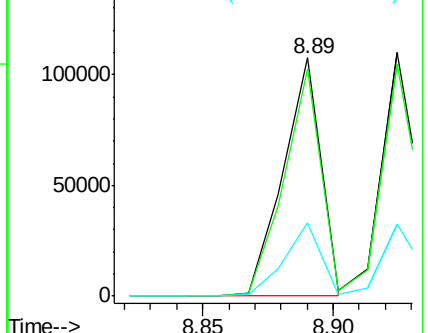
200 31.0 22.7 34.1

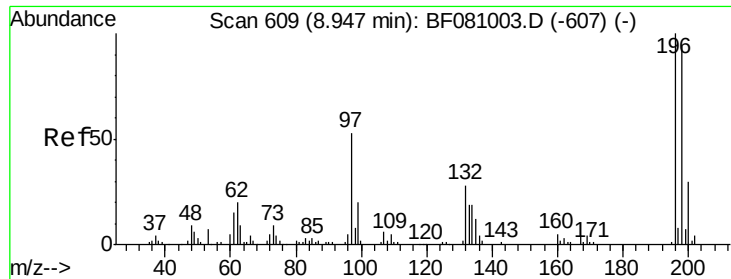


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

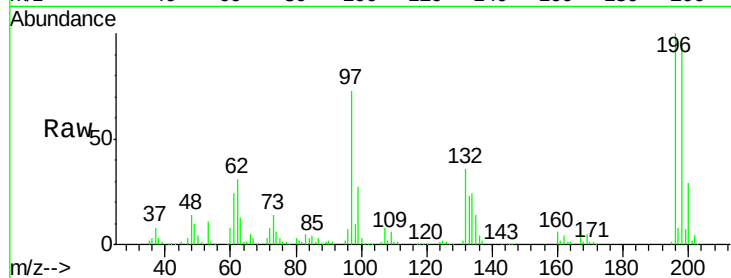




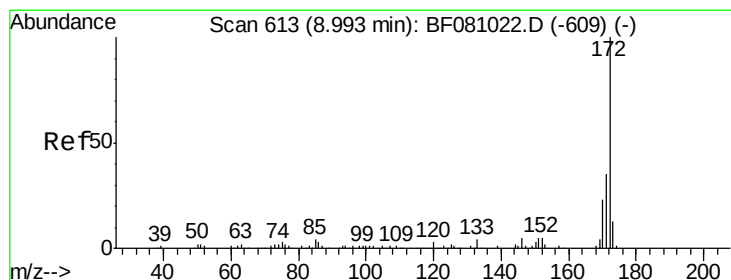
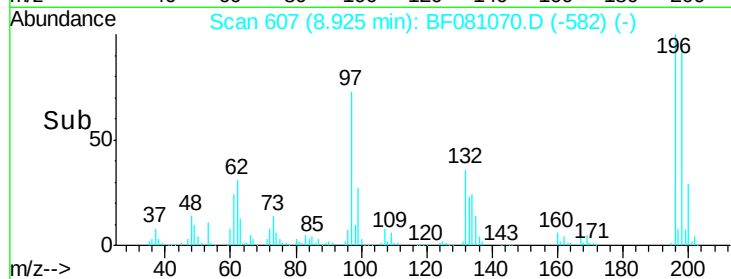
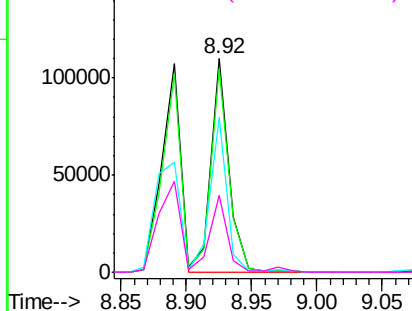
#43
 2,4,5-Trichlorophenol
 Concen: 45.06 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 105834
 Ion Ratio Lower Upper
 196 100
 198 95.4 78.3 117.5
 97 72.8 42.7 64.1#
 132 35.7 23.3 34.9#

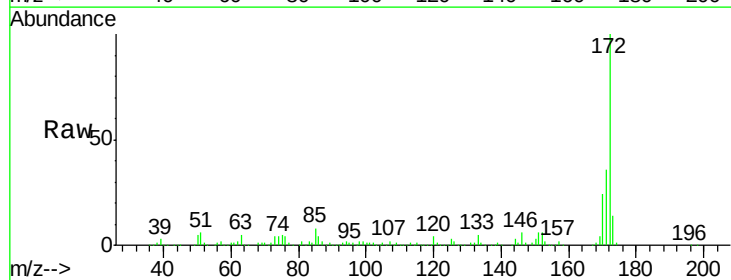


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

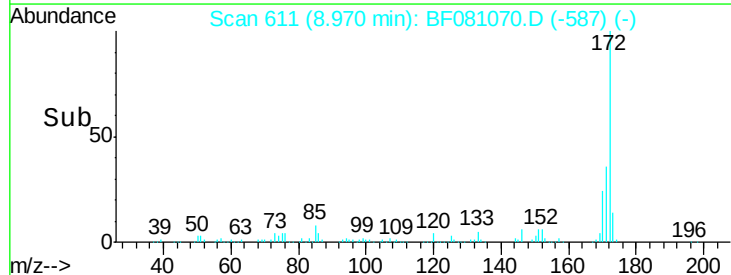
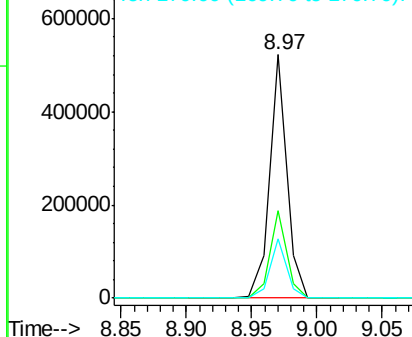


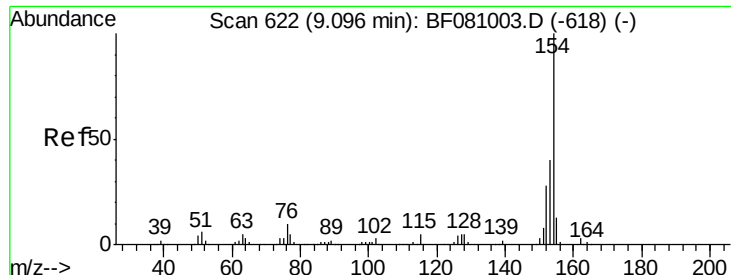
#44
 2-Fluorobiphenyl
 Concen: 61.92 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Tgt Ion:172 Resp: 487255
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 24.4 19.4 29.2



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





#45

1,1'-Biphenyl

Concen: 49.47 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

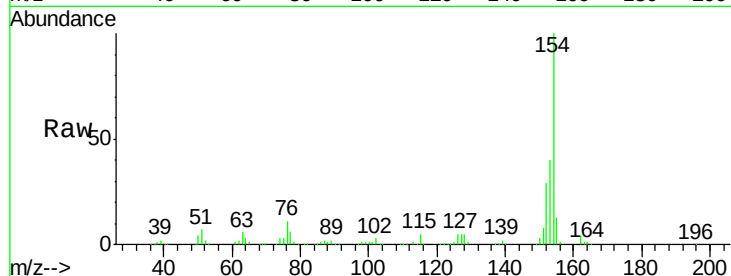
Tot Ion:154 Resp: 449354

Ion Ratio Lower Upper

154 100

153 40.3 19.5 59.5

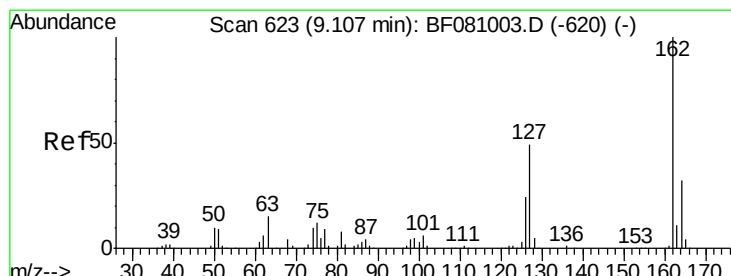
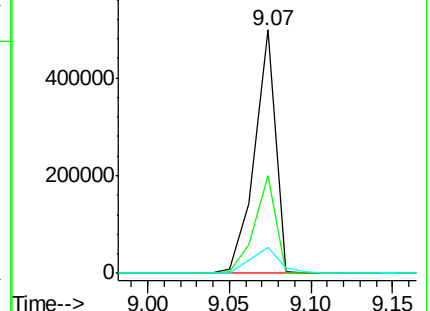
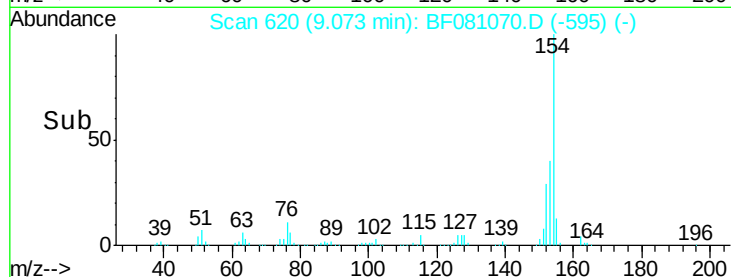
76 10.9 0.0 29.3



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: 41.62 ng

RT: 9.08 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

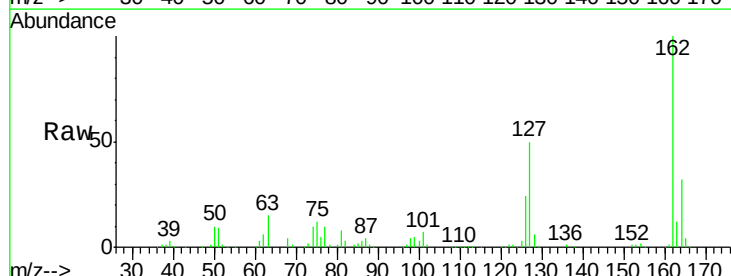
Tgt Ion:162 Resp: 303681

Ion Ratio Lower Upper

162 100

127 49.7 31.3 46.9#

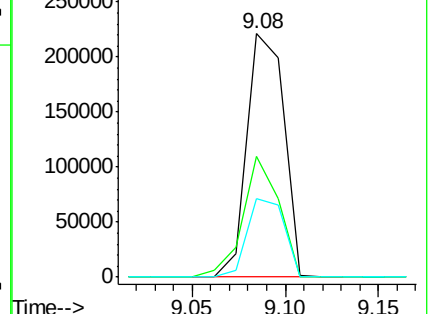
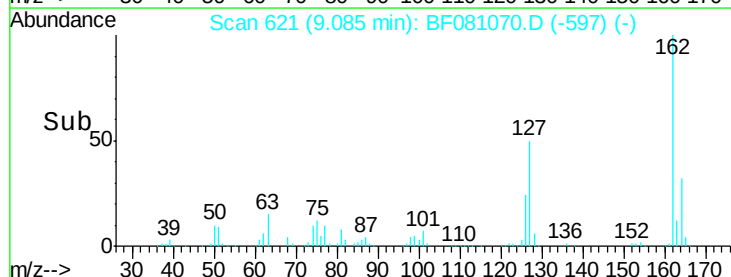
164 32.1 26.3 39.5

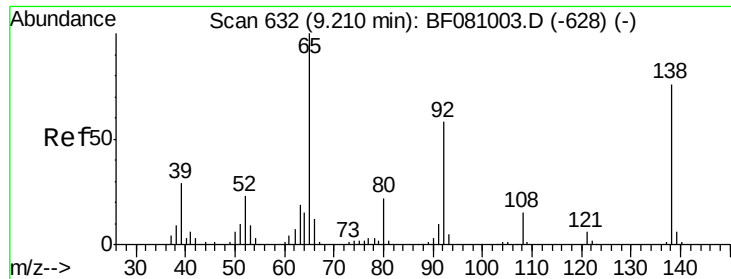


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

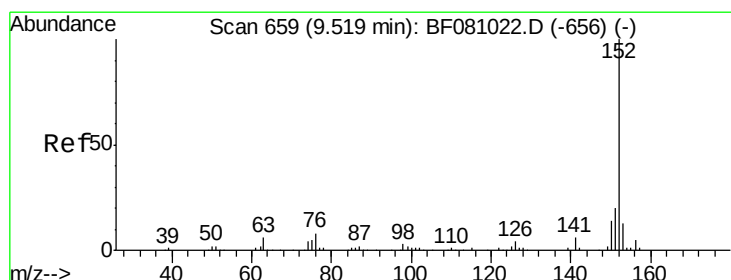
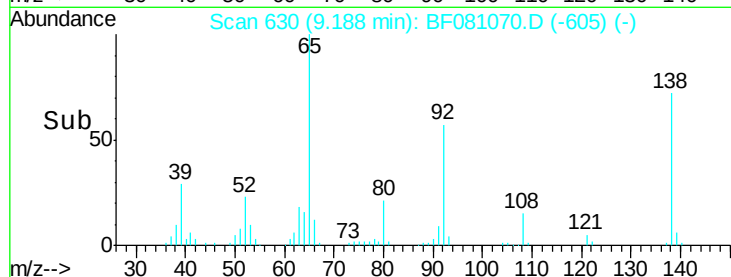
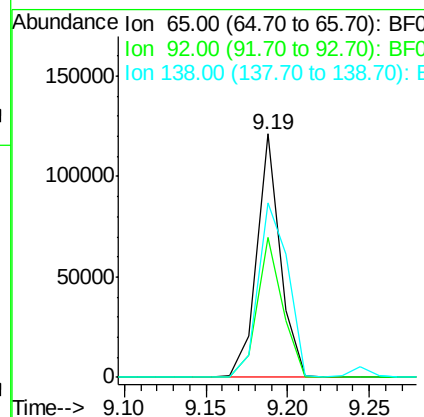
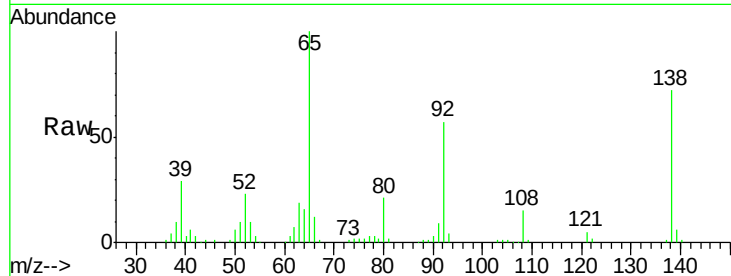




#47
 2-Nitroaniline
 Concen: 40.68 ng
 RT: 9.19 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

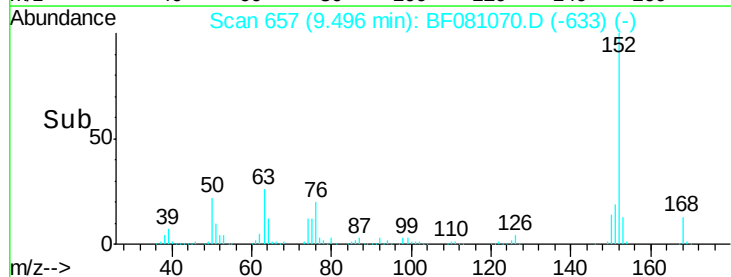
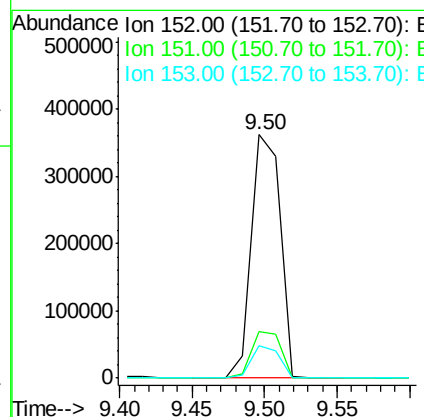
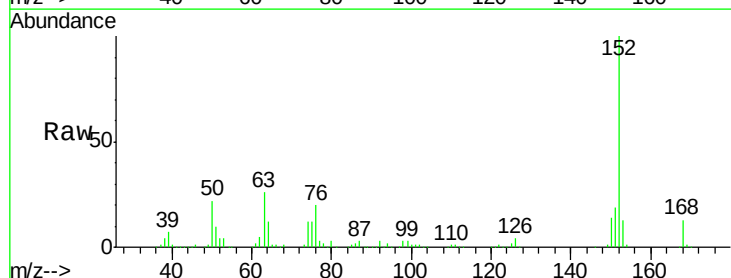
Instrument :
 BNA_F
 ClientSampleId :

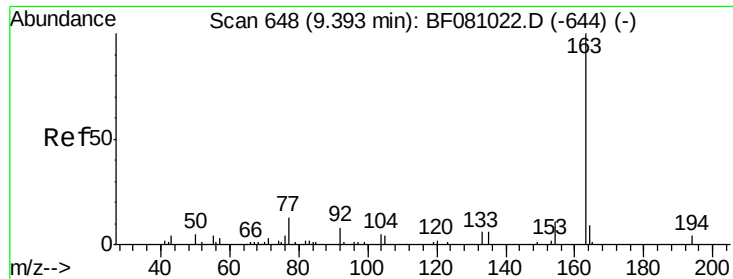
Tot Ion: 65 Resp: 121475
 Ion Ratio Lower Upper
 65 100
 92 57.4 45.6 68.4
 138 71.7 57.9 86.9



#48
 Acenaphthylene
 Concen: 38.24 ng
 RT: 9.50 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Tgt Ion: 152 Resp: 499195
 Ion Ratio Lower Upper
 152 100
 151 19.3 16.1 24.1
 153 13.2 9.8 14.6

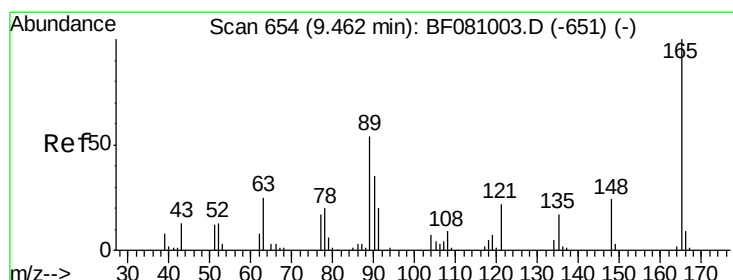
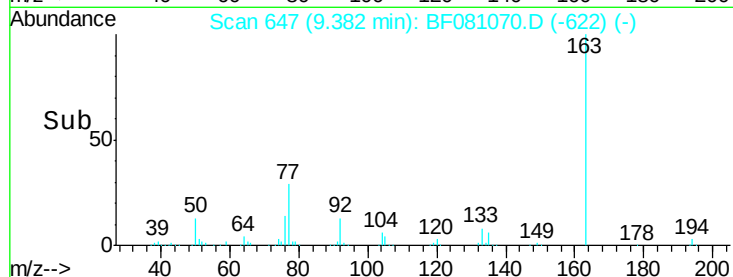
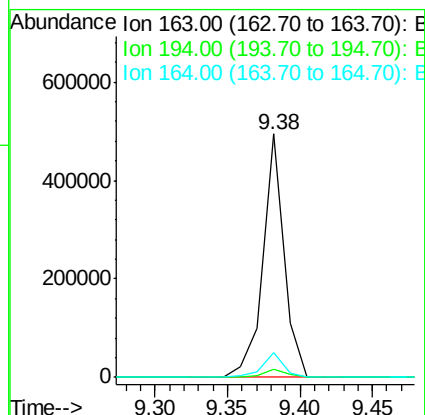
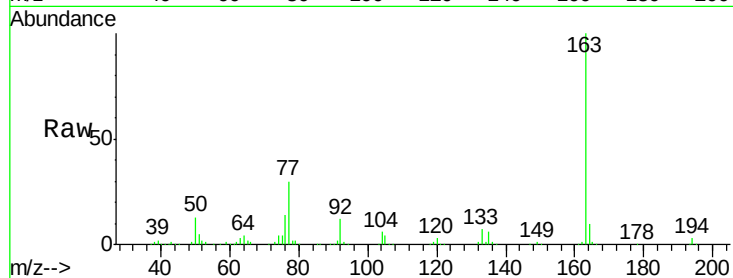




#49
Dimethylphthalate
Concen: 58.82 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

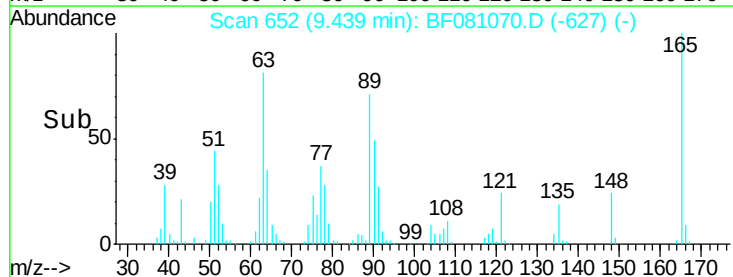
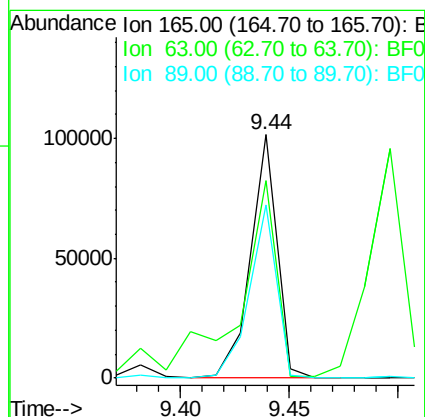
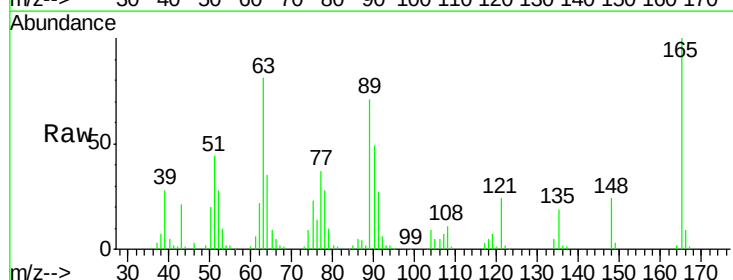
Instrument :
BNA_F
ClientSampleId :

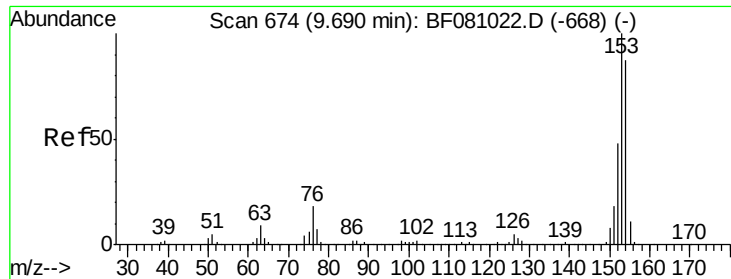
Tot Ion	Ratio	Resp	Lower	Upper
163	100	499505		
194	3.1	2.5	3.7	
164	10.4	8.1	12.1	



#50
2,6-Dinitrotoluene
Concen: 47.11 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	85888		
63	80.9	49.5	74.3	
89	71.3	47.6	71.4	





#51

Acenaphthene

Concen: 43.70 ng

RT: 9.67 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

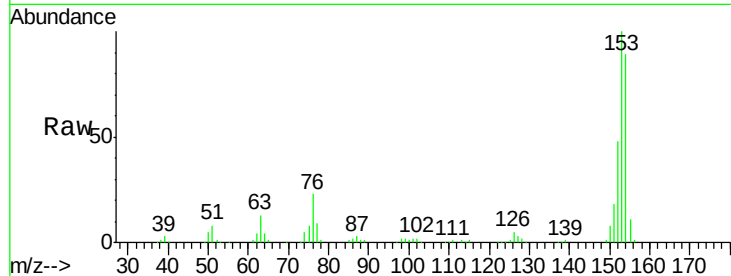
Tot Ion:154 Resp: 341450

Ion Ratio Lower Upper

154 100

153 112.1 91.4 137.2

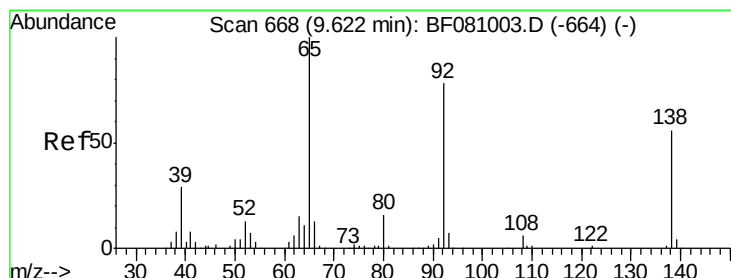
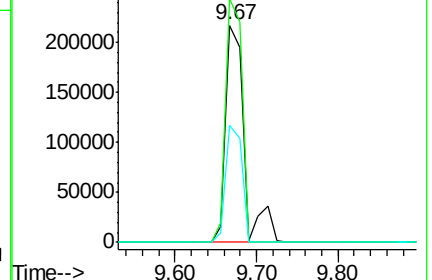
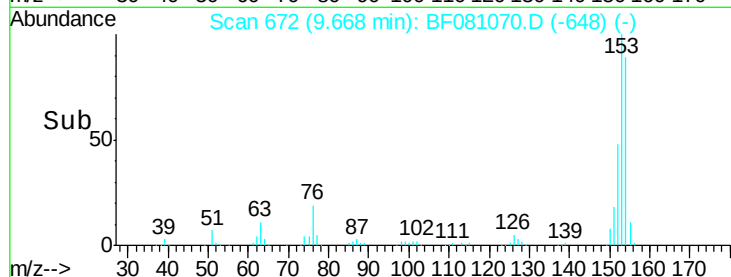
152 53.6 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.59 ng

RT: 9.60 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

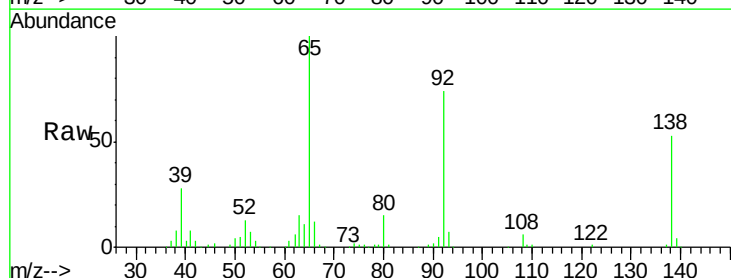
Tgt Ion:138 Resp: 69798

Ion Ratio Lower Upper

138 100

108 11.7 9.4 14.2

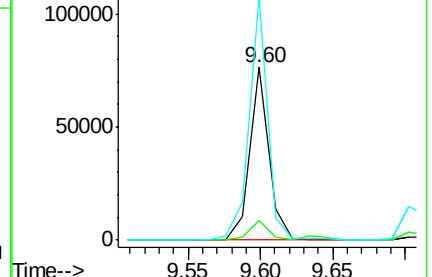
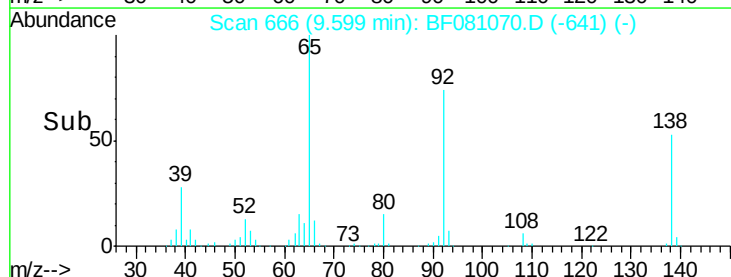
92 140.7 113.2 169.8

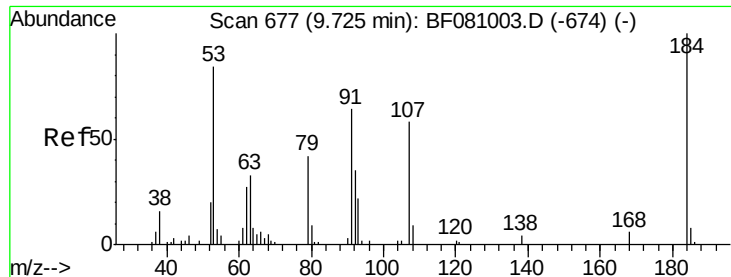


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

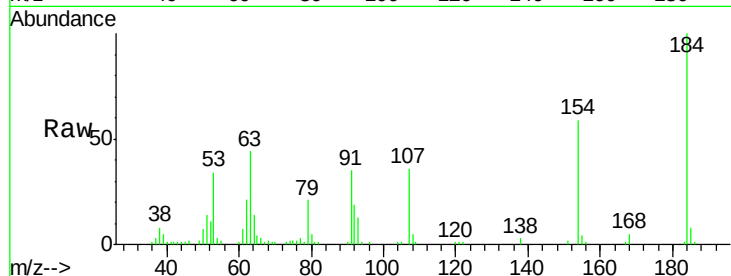




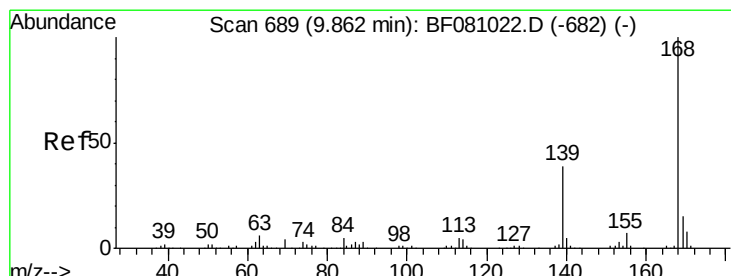
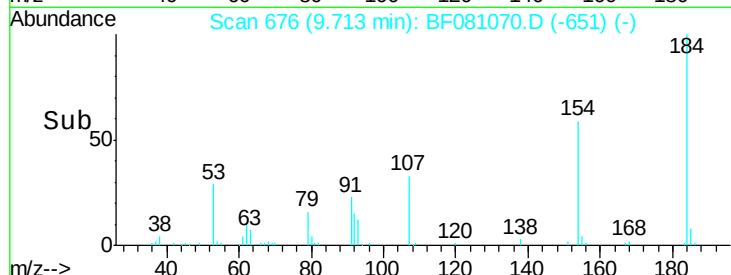
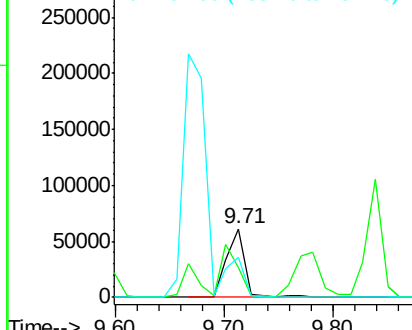
#53
2,4-Dinitrophenol
Concen: 71.10 ng
RT: 9.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 70483
Ion Ratio Lower Upper
184 100
63 43.6 101.7 152.5#
154 58.9 67.4 101.0#

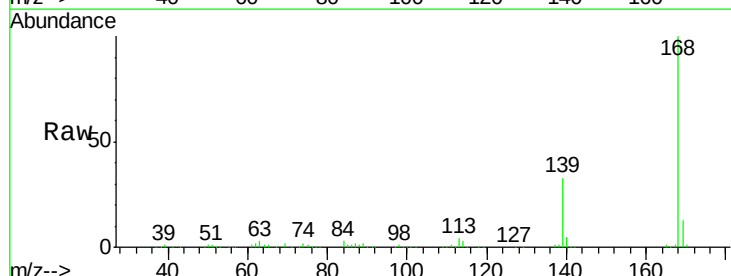


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

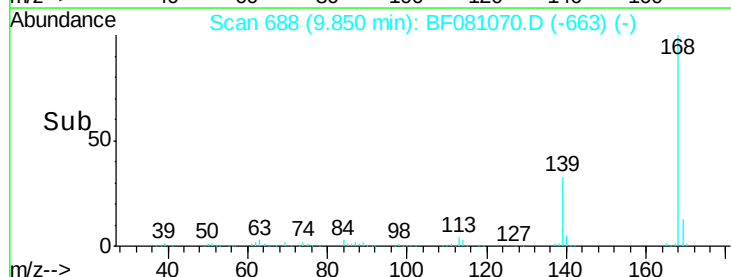
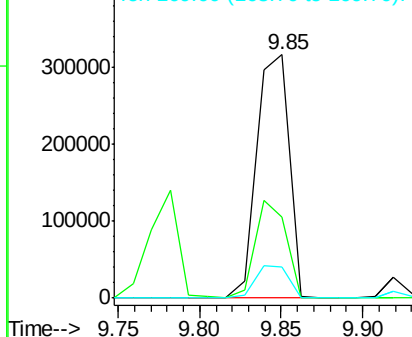


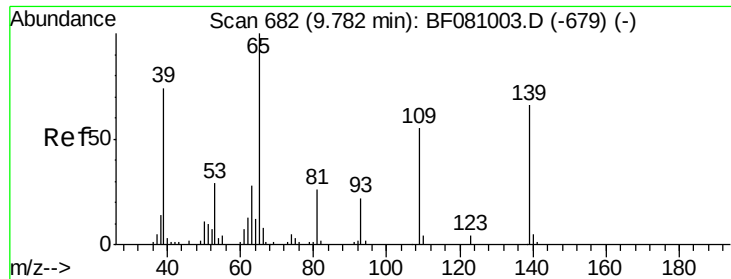
#54
Dibenzofuran
Concen: 41.62 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Tgt Ion:168 Resp: 435774
Ion Ratio Lower Upper
168 100
139 33.2 29.3 43.9
169 12.7 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: 108.71 ng

RT: 9.78 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

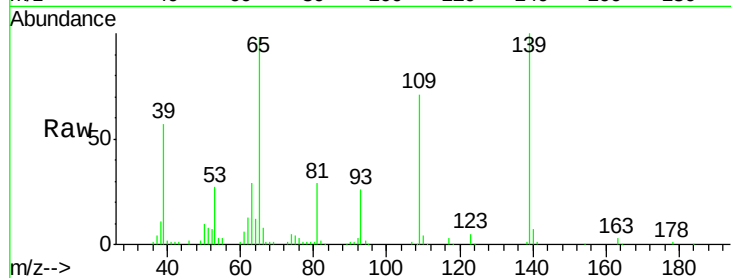
Tot Ion:139 Resp: 174201

Ion Ratio Lower Upper

139 100

109 70.7 80.0 120.0#

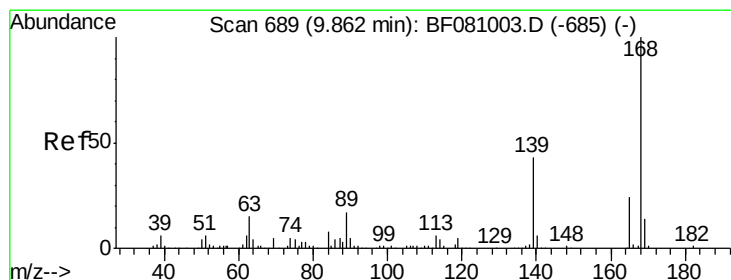
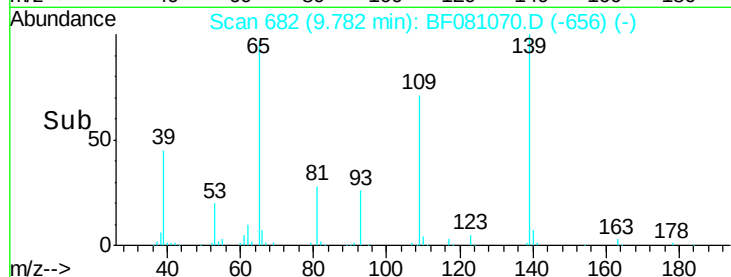
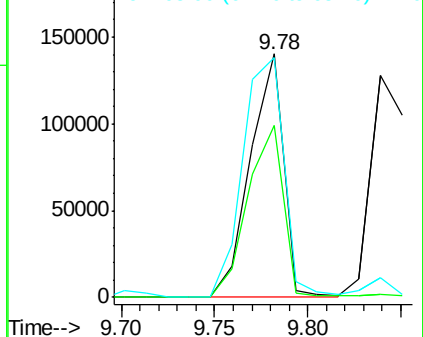
65 98.3 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 47.81 ng

RT: 9.84 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Tgt Ion:165 Resp: 115541

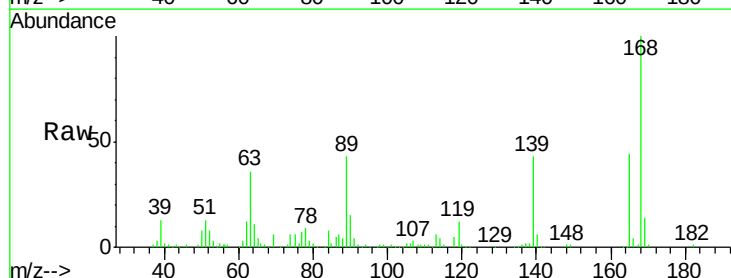
Ion Ratio Lower Upper

165 100

63 80.4 52.2 78.4#

89 98.0 60.1 90.1#

182 2.0 1.8 2.6

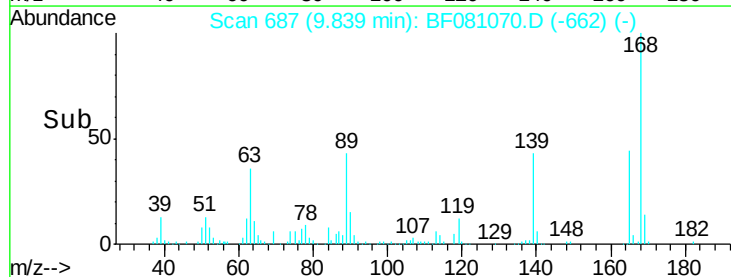
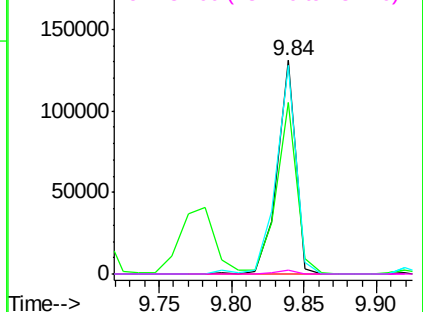


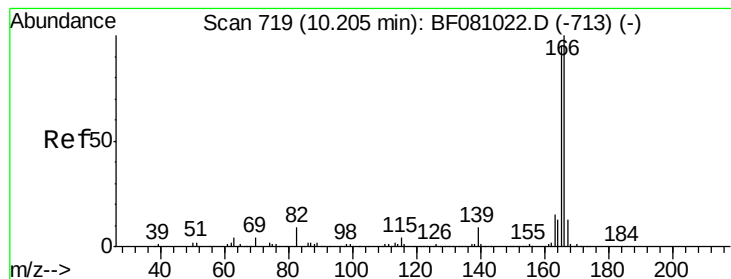
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.56 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampled :

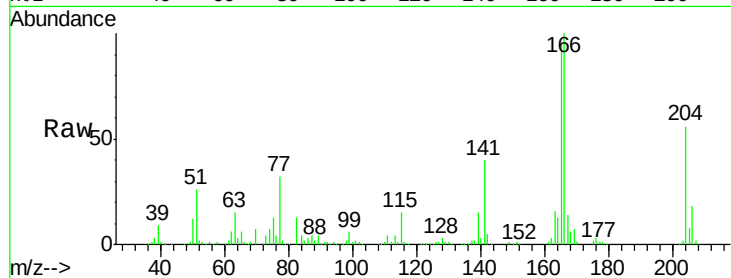
Tot Ion:166 Resp: 318673

Ion Ratio Lower Upper

166 100

165 96.4 75.8 113.8

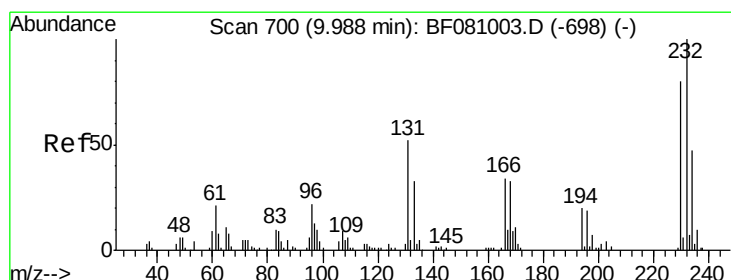
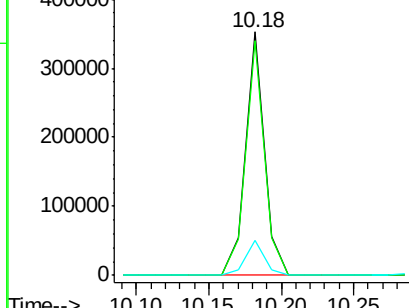
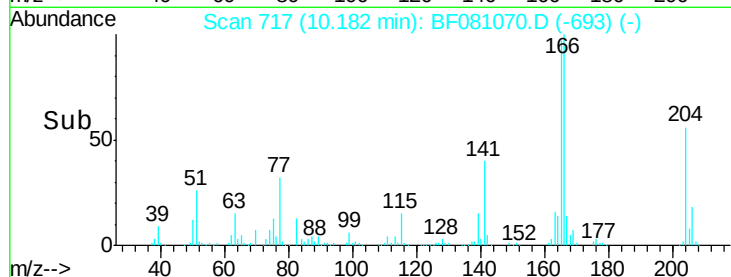
167 14.2 11.3 16.9



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: 44.64 ng

RT: 9.92 min Scan# 694

Delta R.T. -0.07 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Tgt Ion:232 Resp: 81167

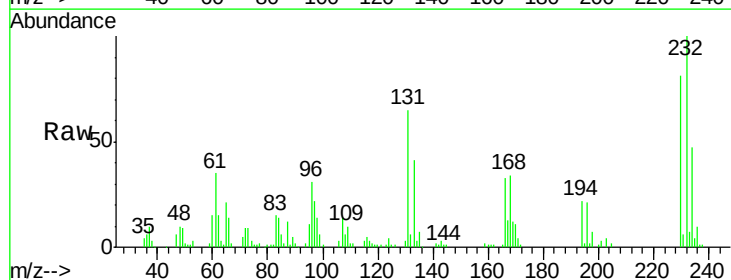
Ion Ratio Lower Upper

232 100

131 54.8 42.2 63.4

130 2.7 2.1 3.1

166 29.3 22.4 33.6

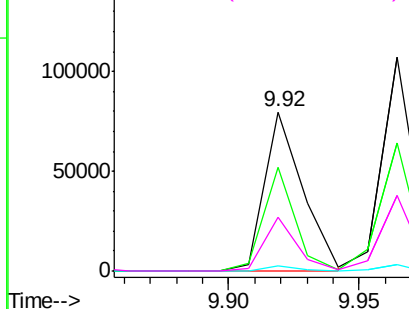
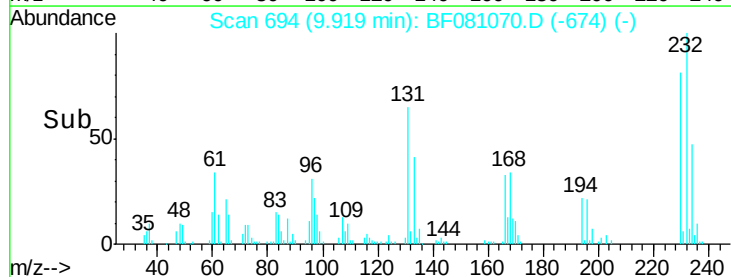


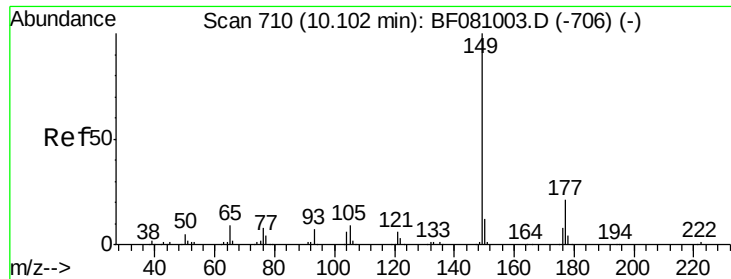
Abundance Ion 232.00 (231.70 to 232.70): E

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

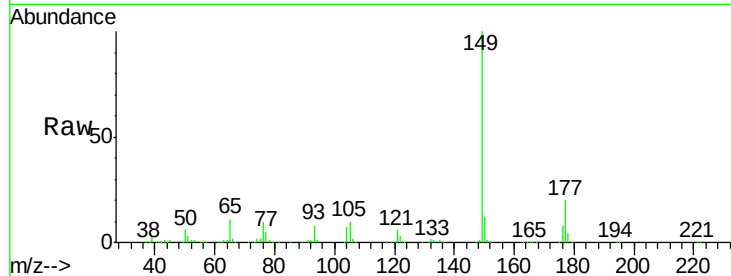




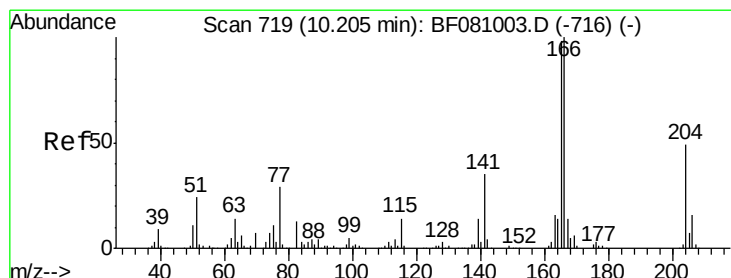
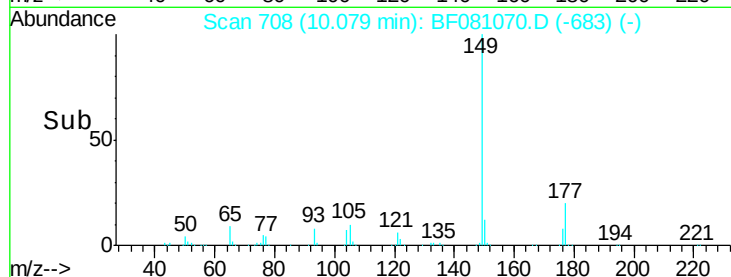
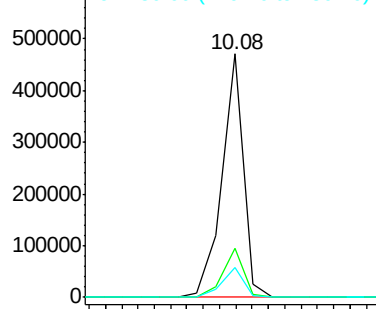
#59
Diethylphthalate
Concen: 47.73 ng
RT: 10.08 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.1	14.1	21.1
150	12.4	10.3	15.5

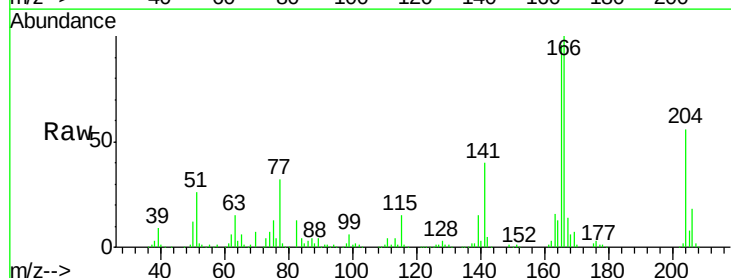


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

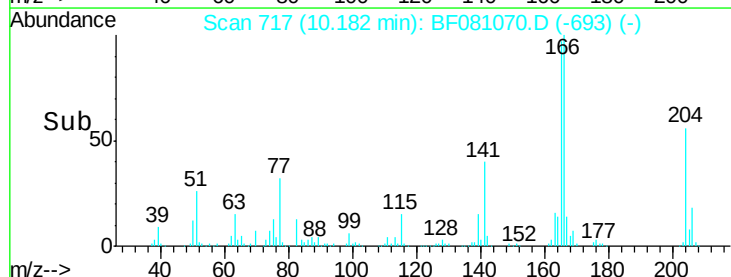
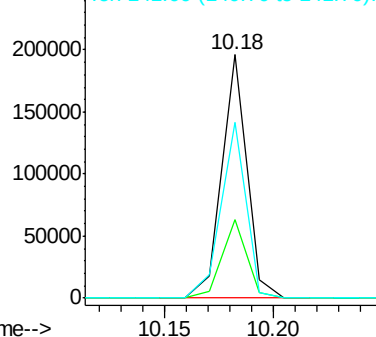


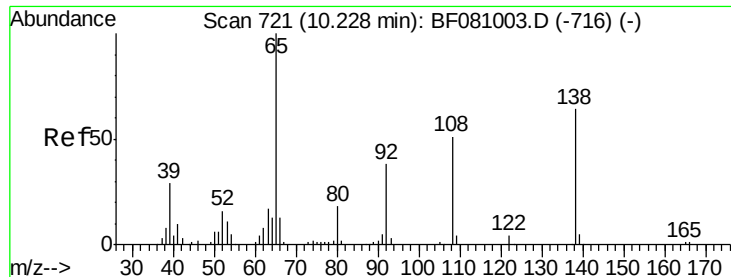
#60
4-Chlorophenyl-phenylether
Concen: 46.07 ng
RT: 10.18 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	72.1	59.6	89.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

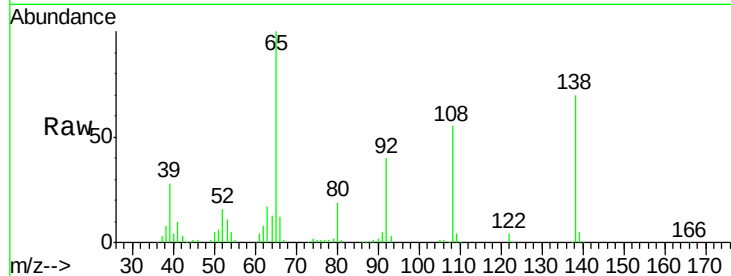




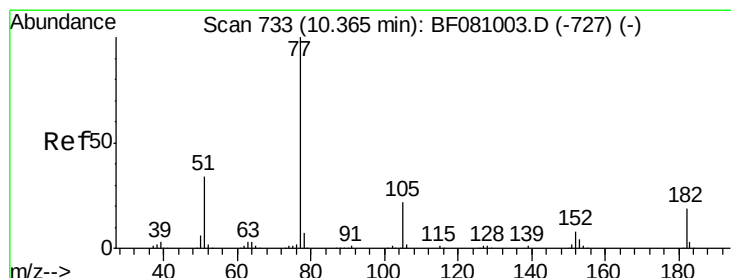
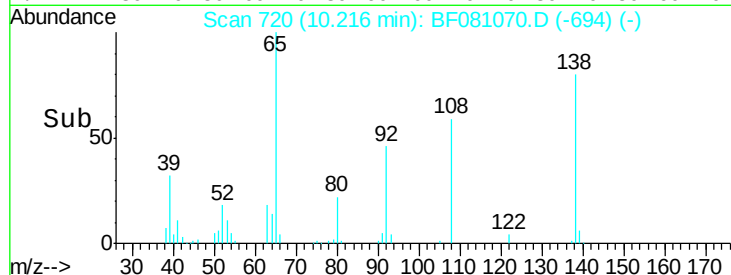
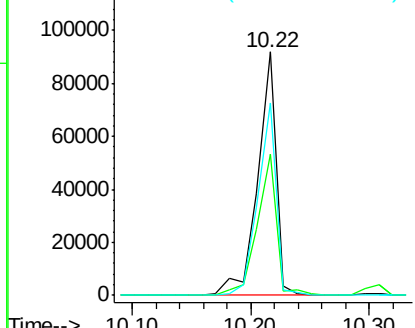
#61
4-Nitroaniline
Concen: 43.20 ng
RT: 10.22 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 100746
Ion Ratio Lower Upper
138 100
92 57.8 34.7 74.7
108 79.3 68.9 108.9

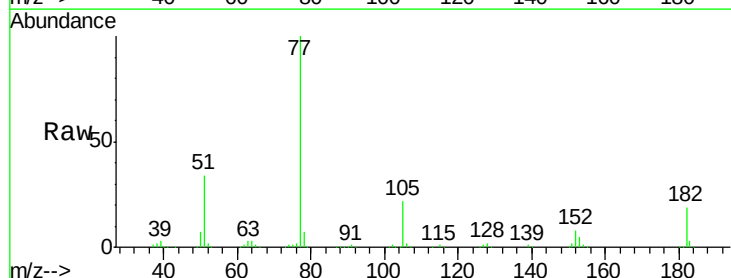


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

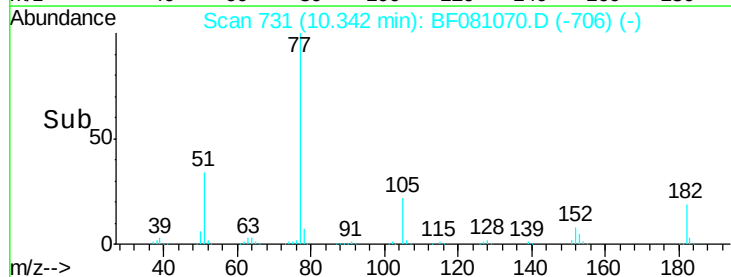
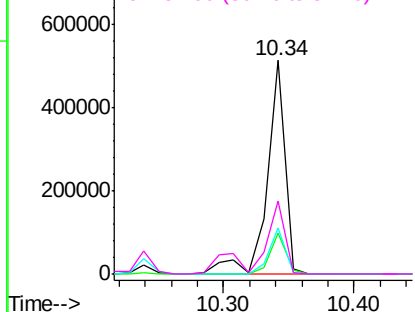


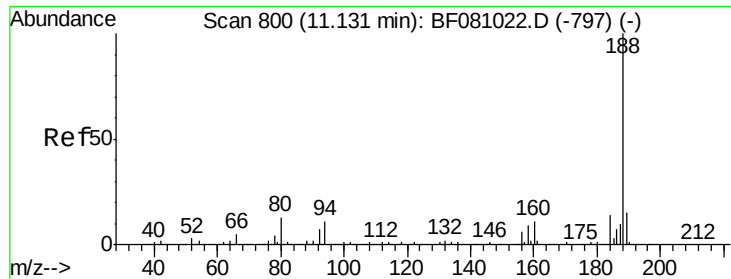
#62
Azobenzene
Concen: 48.41 ng
RT: 10.34 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Tgt Ion: 77 Resp: 501408
Ion Ratio Lower Upper
77 100
182 19.3 0.0 39.0
105 21.7 0.2 40.2
51 34.2 18.0 58.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

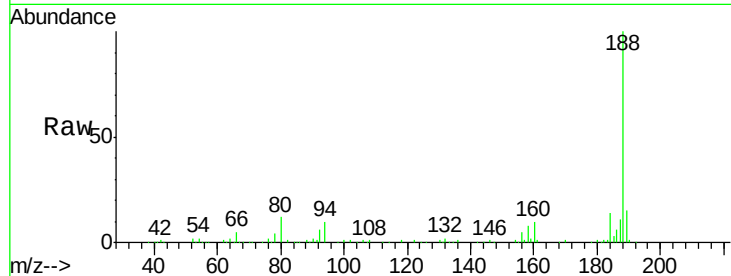




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Instrument :
 BNA_F
 ClientSampleId :

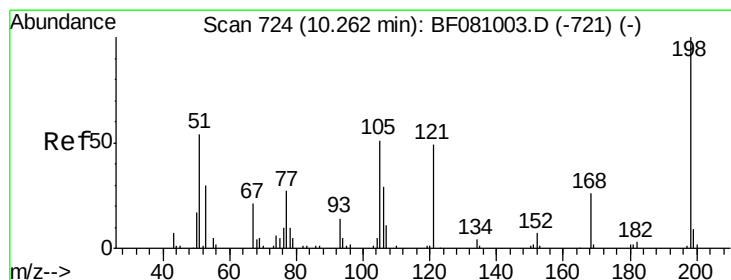
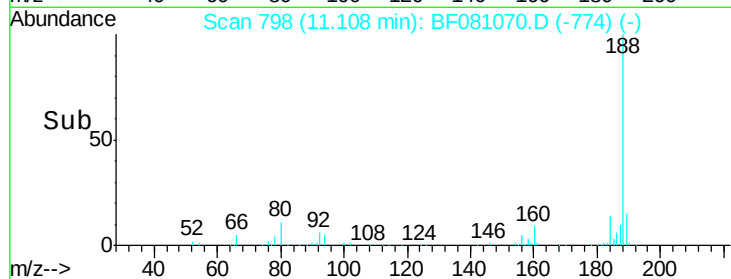
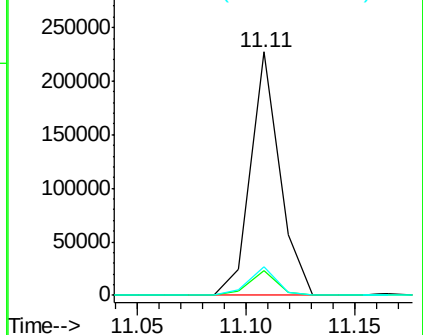
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	11.7	9.5	14.3



Abundance Ion 188.00 (187.70 to 188.70): E

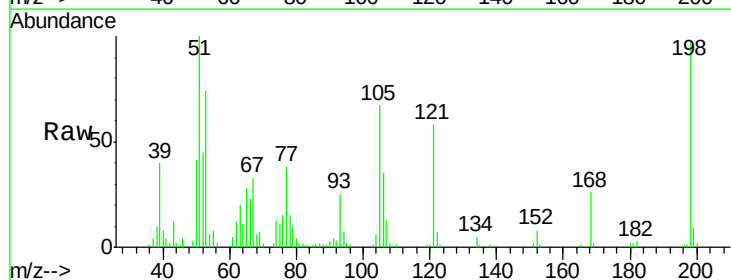
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.51 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

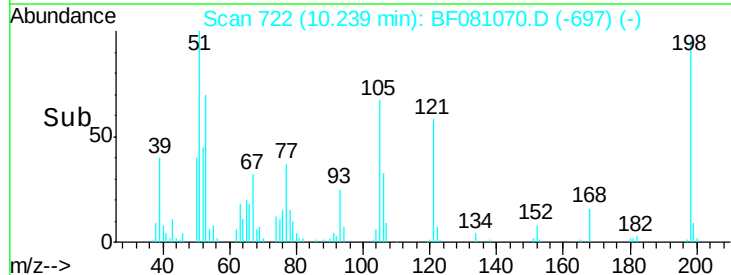
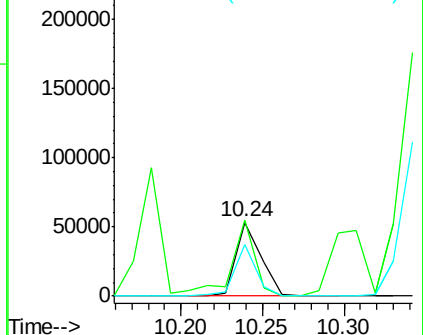
Tgt Ion	Ratio	Lower	Upper
198	100		
51	103.5	79.7	119.7
105	69.0	47.0	87.0

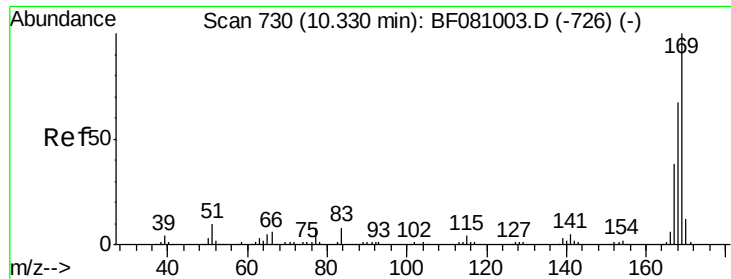


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

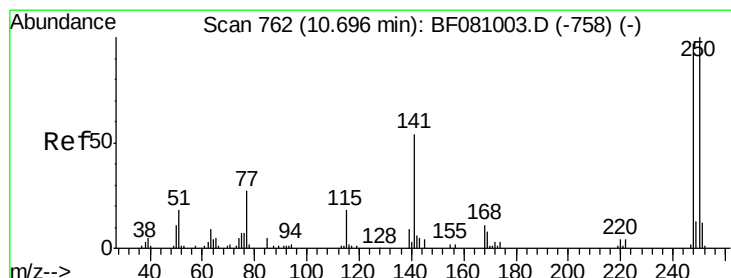
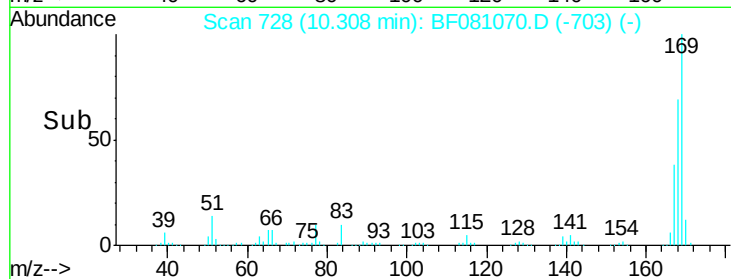
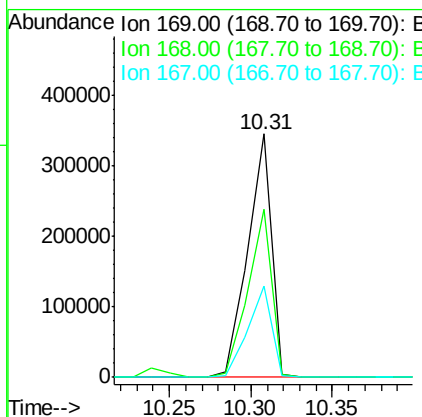
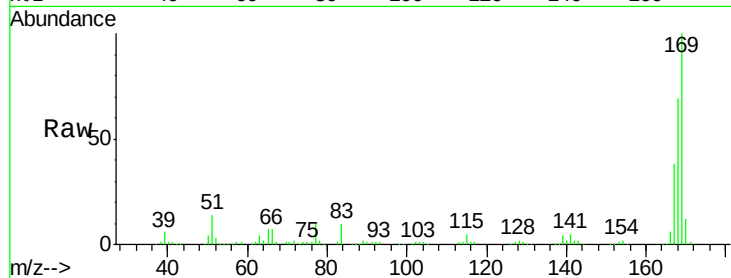




#65
 n-Nitrosodiphenylamine
 Concen: 46.15 ng
 RT: 10.31 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

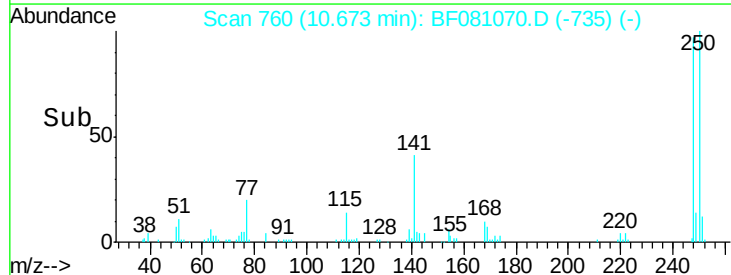
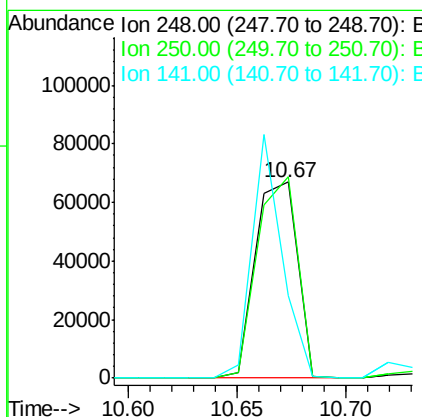
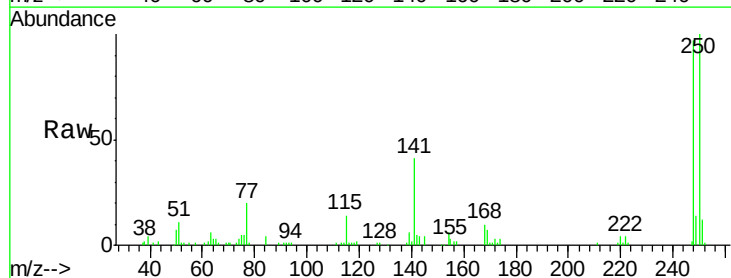
Instrument :
 BNA_F
 ClientSampled :

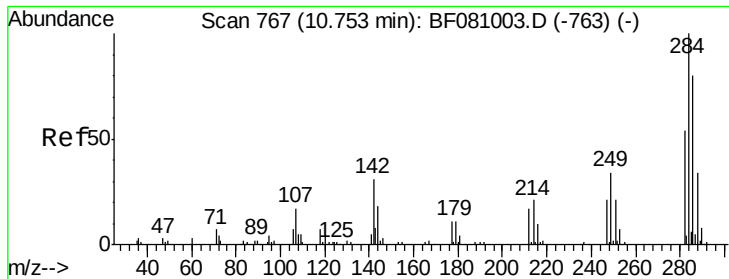
Tot Ion:169 Resp: 349069
 Ion Ratio Lower Upper
 169 100
 168 68.8 55.3 82.9
 167 37.6 30.8 46.2



#66
 4-Bromophenyl-phenylether
 Concen: 43.59 ng
 RT: 10.67 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Tgt Ion:248 Resp: 90747
 Ion Ratio Lower Upper
 248 100
 250 102.7 77.8 116.6
 141 42.3 39.8 59.6





#67

Hexachlorobenzene

Concen: 49.00 ng

RT: 10.73 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

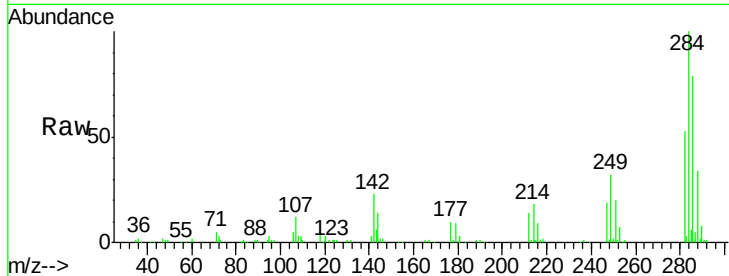
Tot Ion:284 Resp: 103301

Ion Ratio Lower Upper

284 100

142 23.2 25.4 38.0#

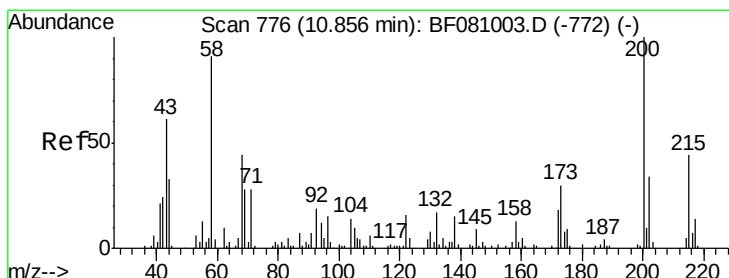
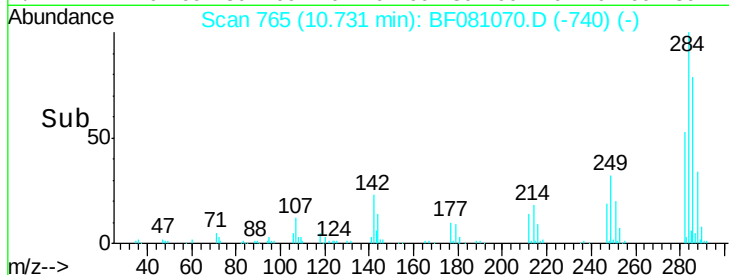
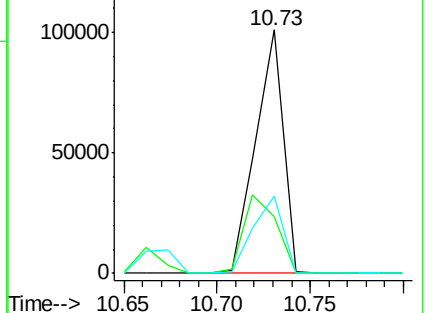
249 31.7 28.5 42.7



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: 47.48 ng

RT: 10.83 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

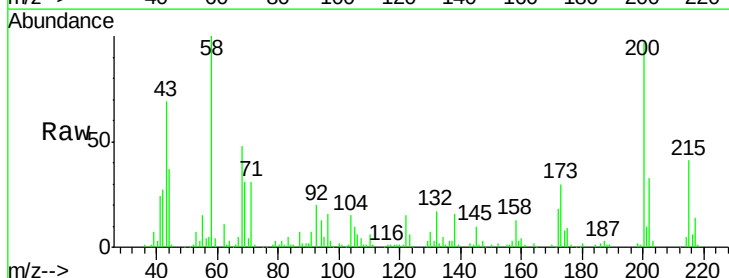
Tgt Ion:200 Resp: 100070

Ion Ratio Lower Upper

200 100

173 30.9 8.1 48.1

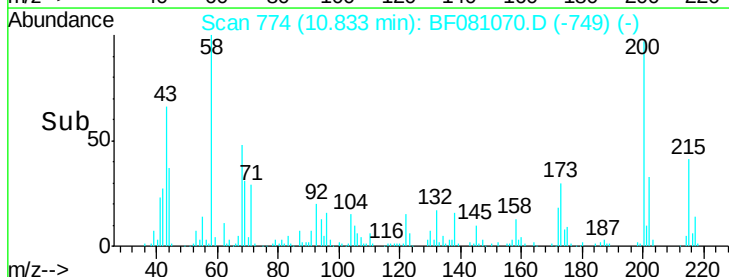
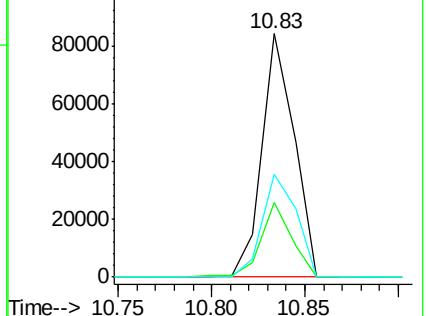
215 42.0 23.3 63.3

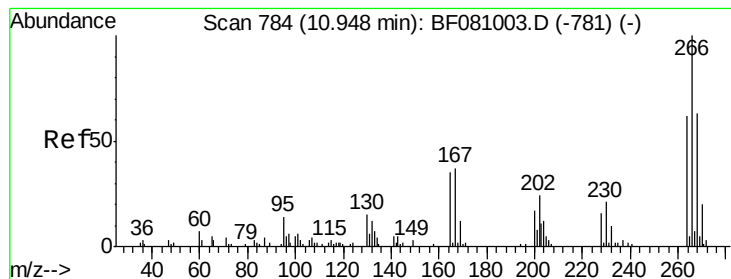


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 95.01 ng

RT: 10.92 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :
BNA_F
ClientSampleId :

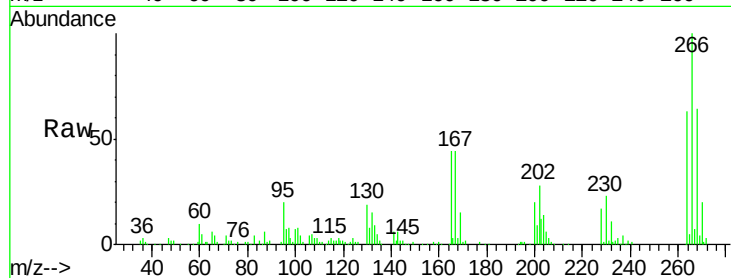
Tot Ion:266 Resp: 120182

Ion Ratio Lower Upper

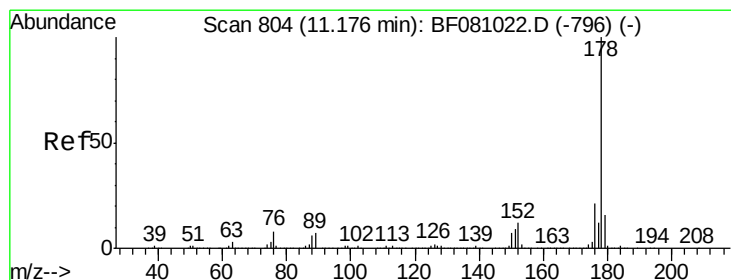
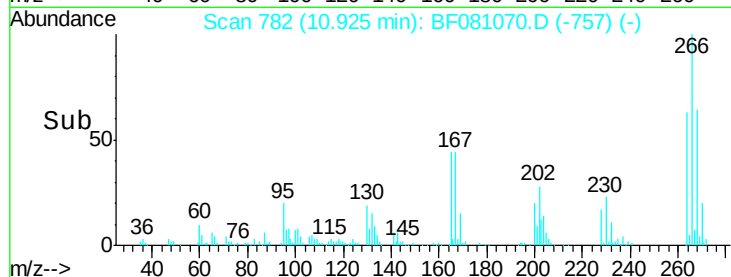
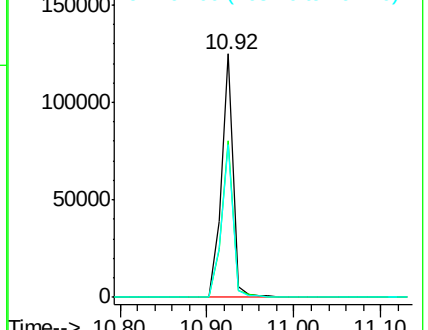
266 100

268 64.1 51.2 76.8

264 62.6 50.6 75.8



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



#70

Phenanthrene

Concen: 39.36 ng

RT: 11.13 min Scan# 800

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

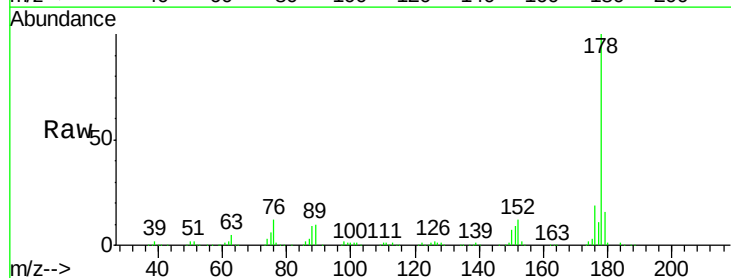
Tgt Ion:178 Resp: 494376

Ion Ratio Lower Upper

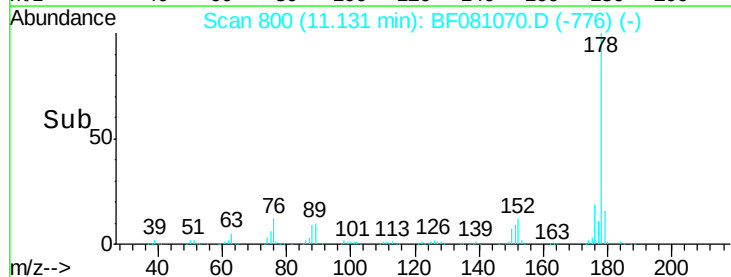
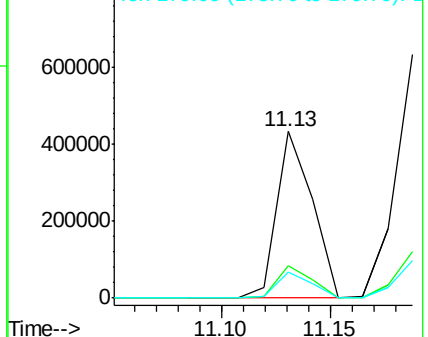
178 100

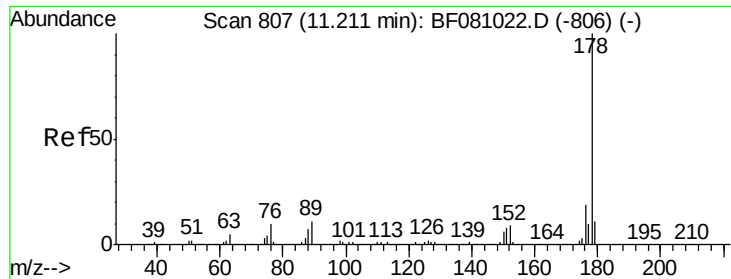
176 19.5 15.7 23.5

179 15.7 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

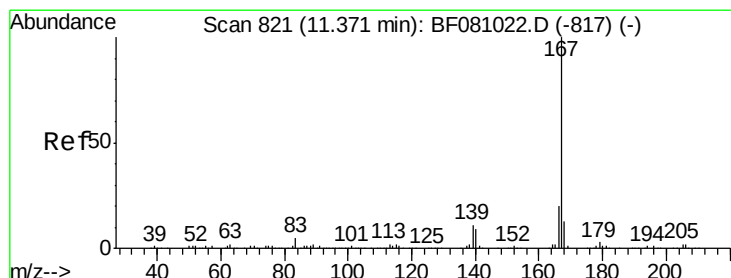
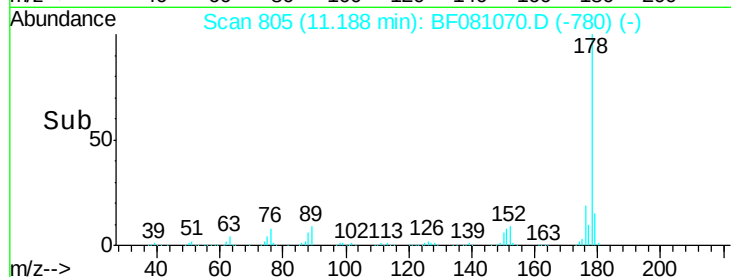
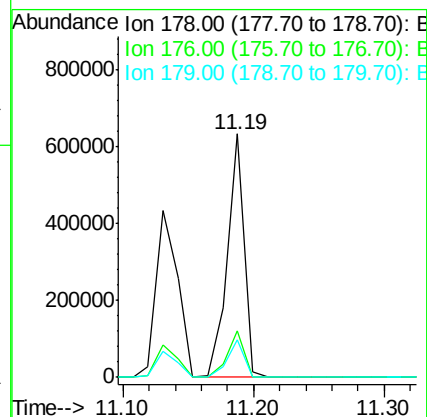
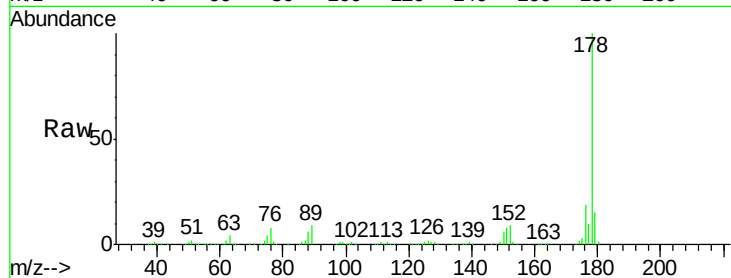




#71
 Anthracene
 Concen: 46.75 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

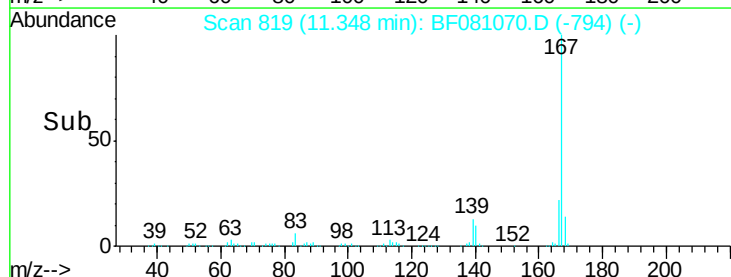
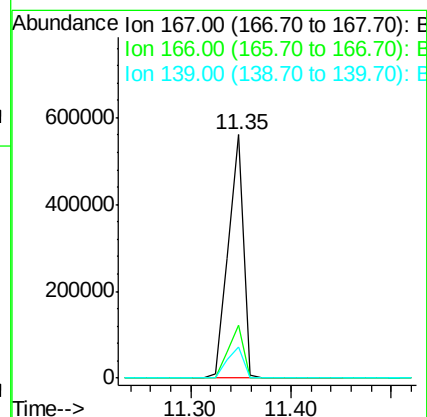
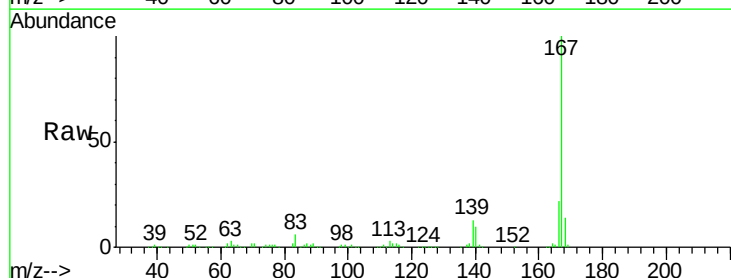
Instrument :
 BNA_F
 ClientSampleId :

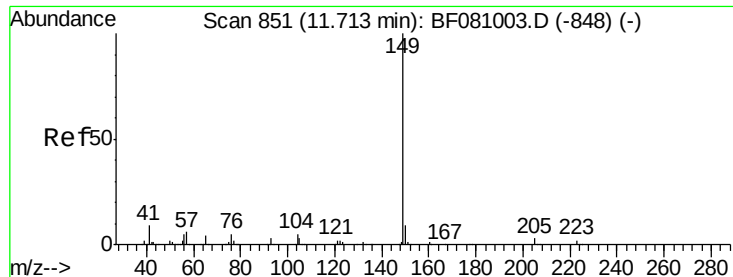
Tot Ion:178 Resp: 571392
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.7 23.5
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 49.99 ng
 RT: 11.35 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Tgt Ion:167 Resp: 588175
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.0 10.6 16.0





#73

Di-n-butylphthalate

Concen: 50.57 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

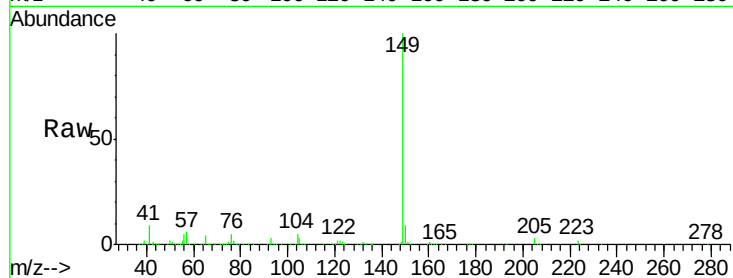
Tot Ion:149 Resp: 719991

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

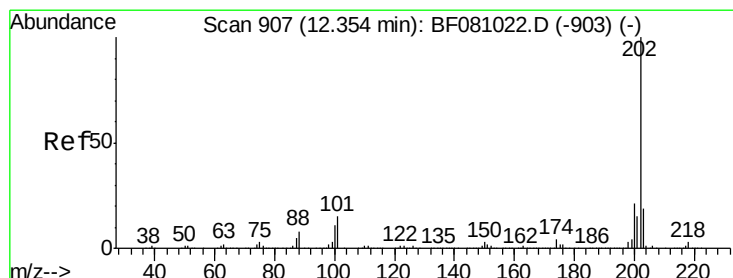
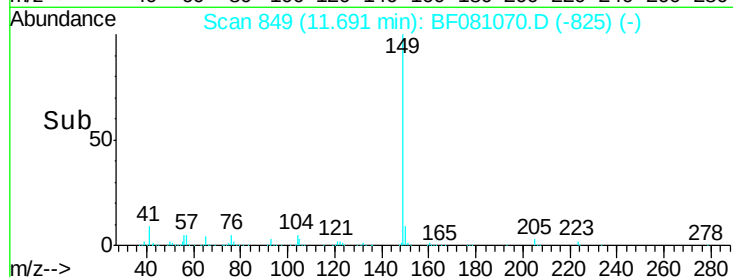
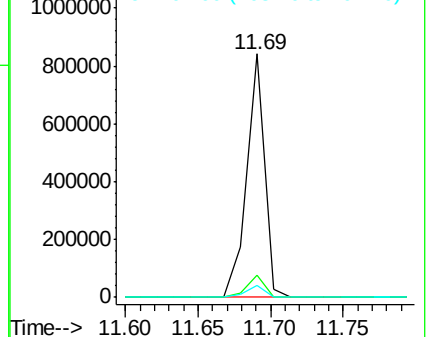
104 5.2 3.9 5.9



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: 39.78 ng

RT: 12.31 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

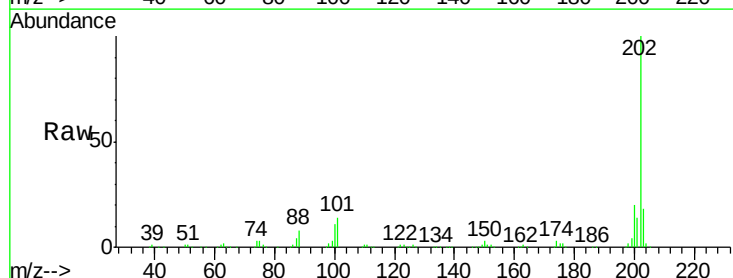
Tgt Ion:202 Resp: 539128

Ion Ratio Lower Upper

202 100

101 13.7 0.0 24.8

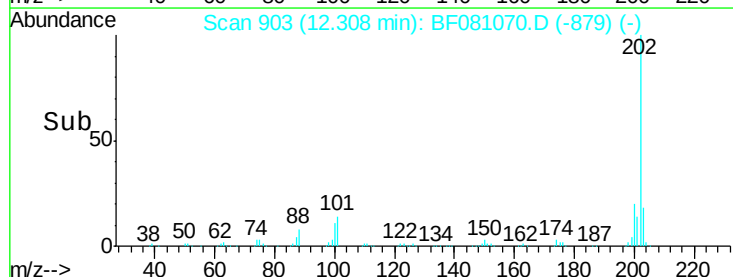
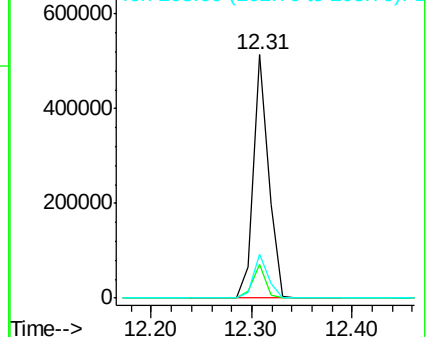
203 17.8 0.0 36.9

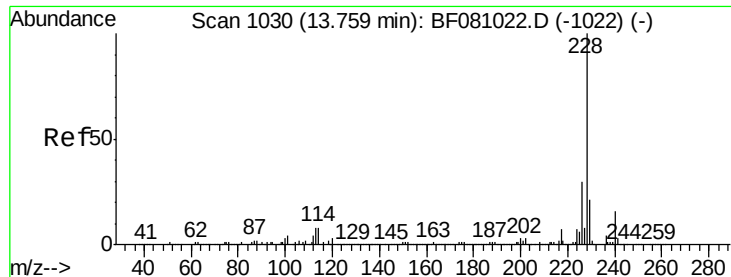


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

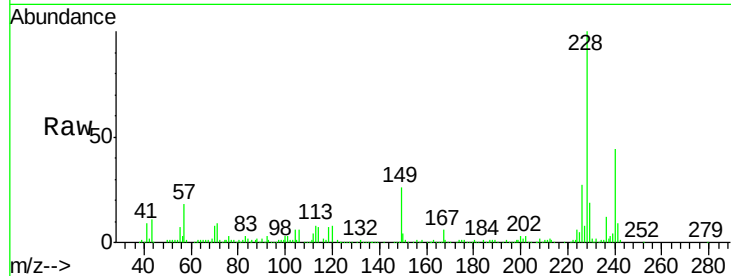
Tot Ion:240 Resp: 159410

Ion Ratio Lower Upper

240 100

120 17.6 5.6 8.4#

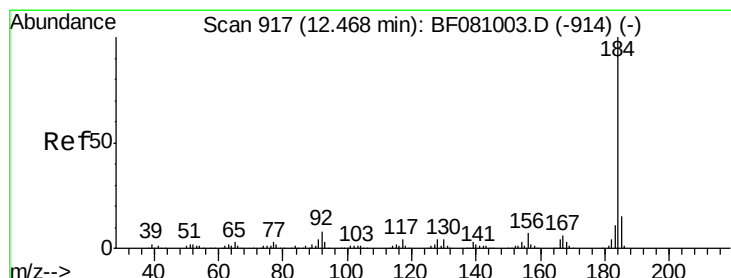
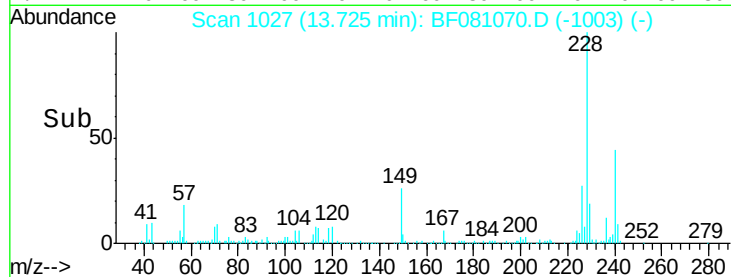
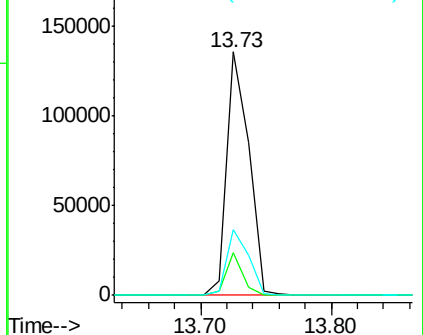
236 27.2 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.20 ng

RT: 12.45 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

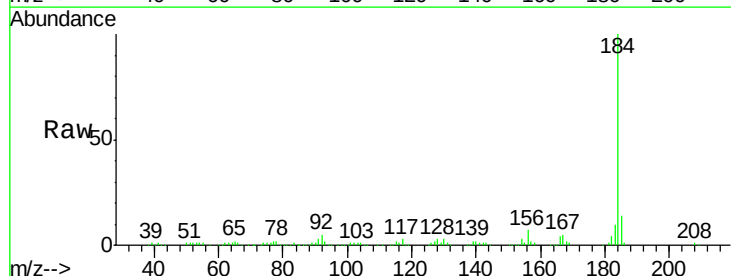
Tgt Ion:184 Resp: 248102

Ion Ratio Lower Upper

184 100

185 13.8 12.0 18.0

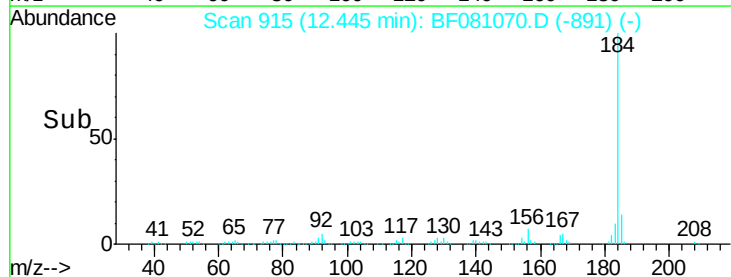
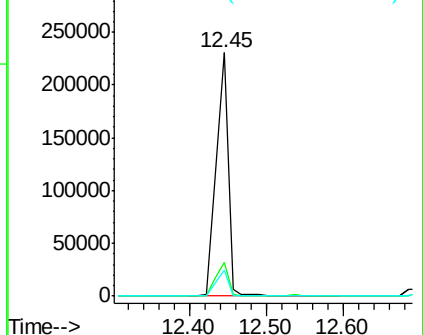
183 10.5 8.9 13.3

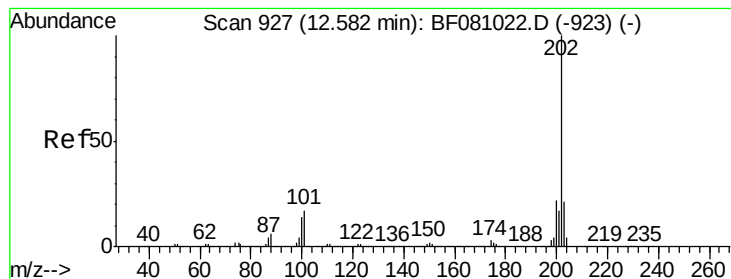


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.57 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

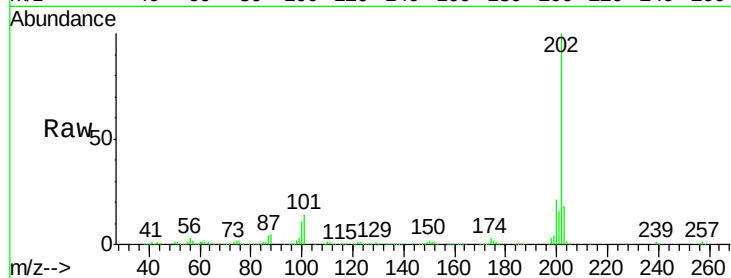
Tot Ion:202 Resp: 590597

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

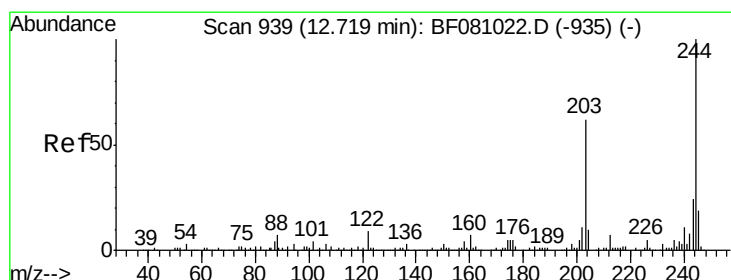
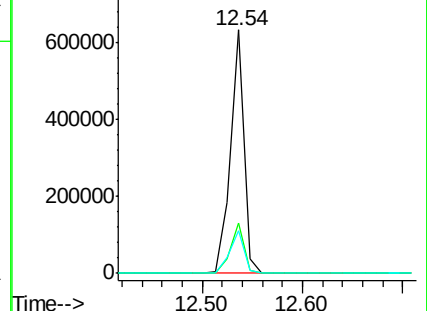
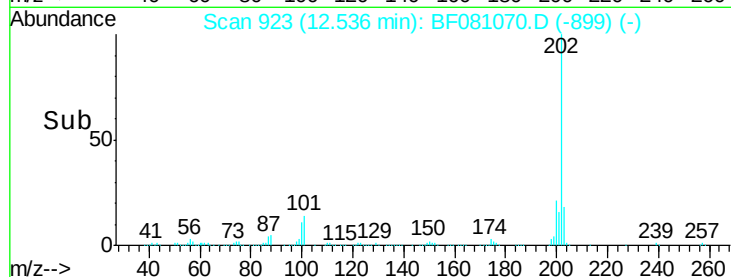
203 17.7 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.53 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

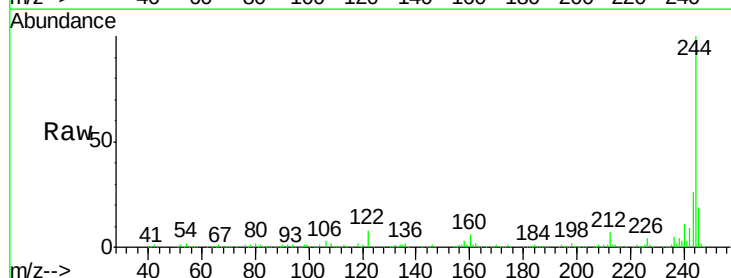
Tgt Ion:244 Resp: 628539

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

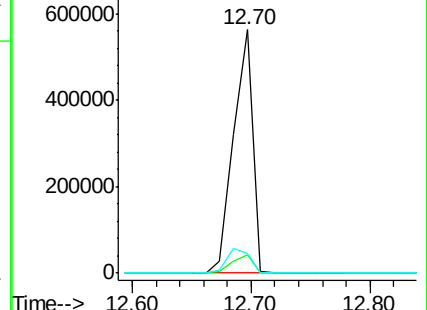
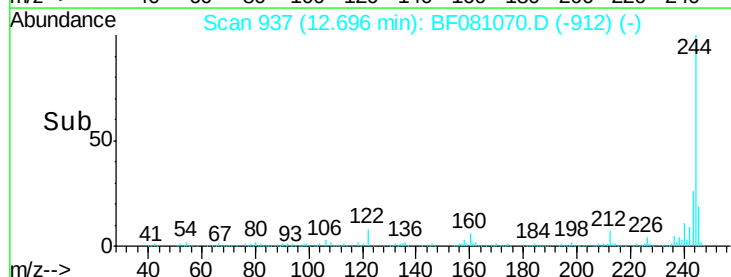
122 8.0 8.2 12.4#

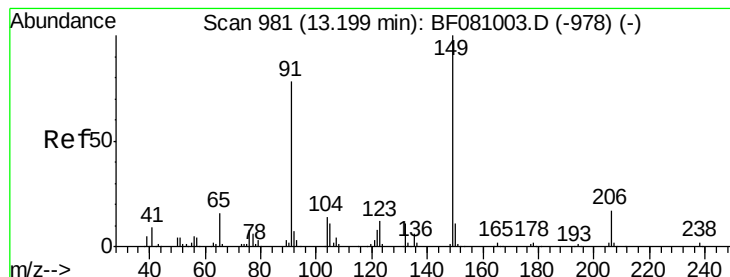


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 60.23 ng

RT: 13.18 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

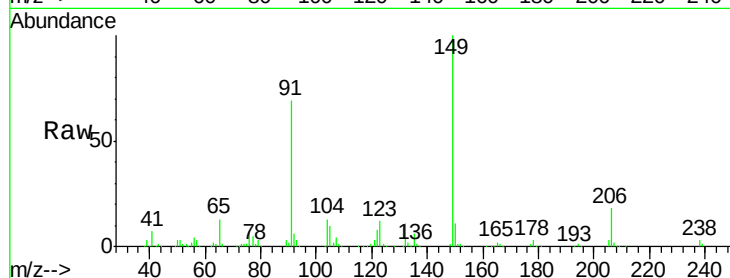
Tot Ion:149 Resp: 335489

Ion Ratio Lower Upper

149 100

91 69.2 46.9 70.3

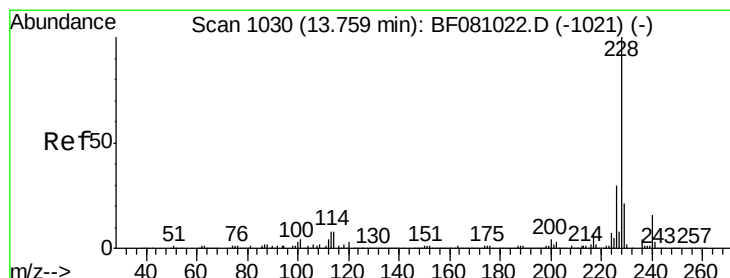
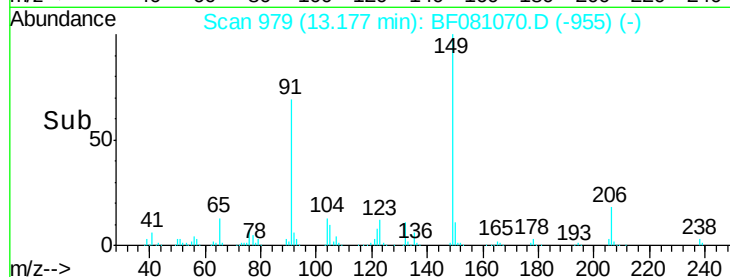
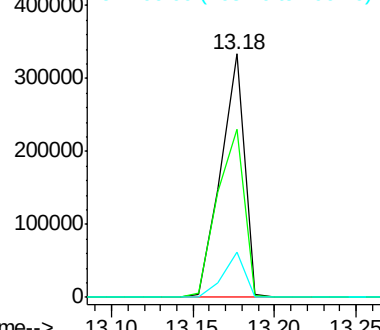
206 18.4 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.47 ng

RT: 13.71 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

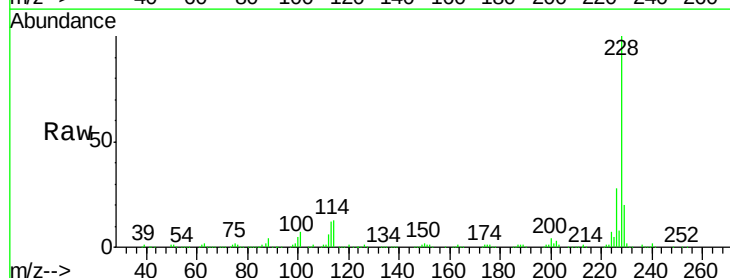
Tgt Ion:228 Resp: 518207

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

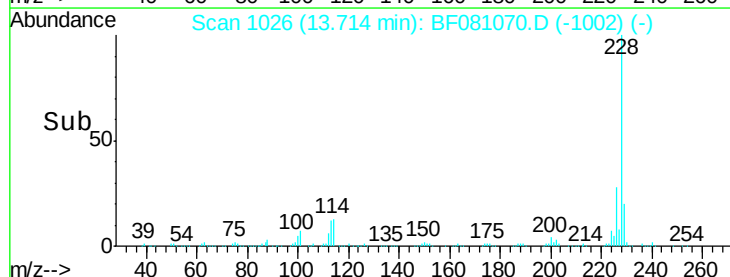
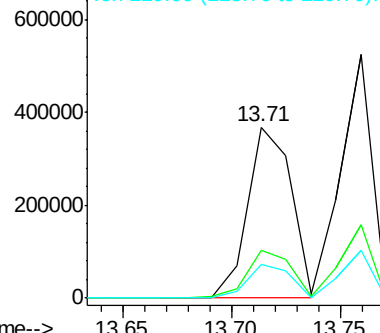
229 19.8 15.9 23.9

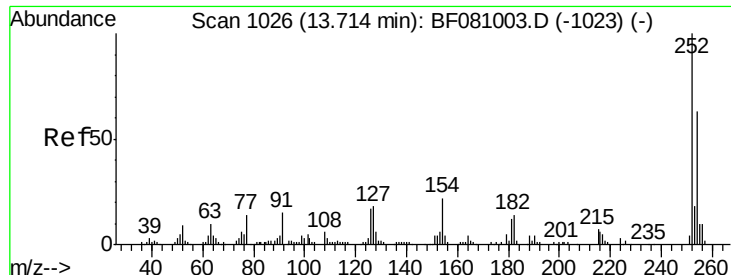


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

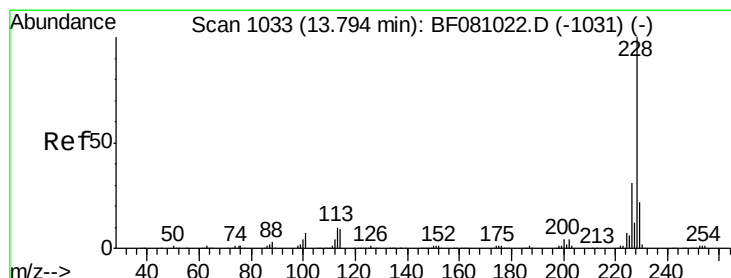
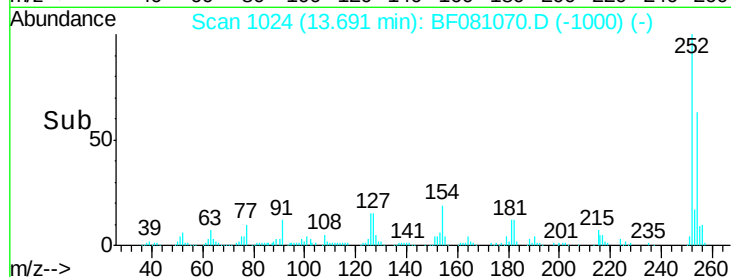
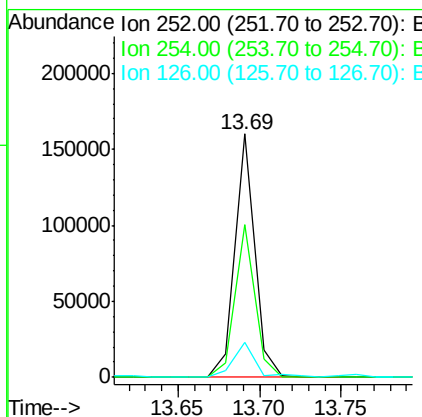
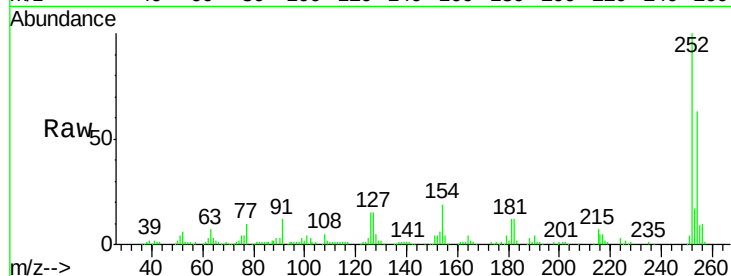




#81
 3,3'-Dichlorobenzidine
 Concen: 38.51 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

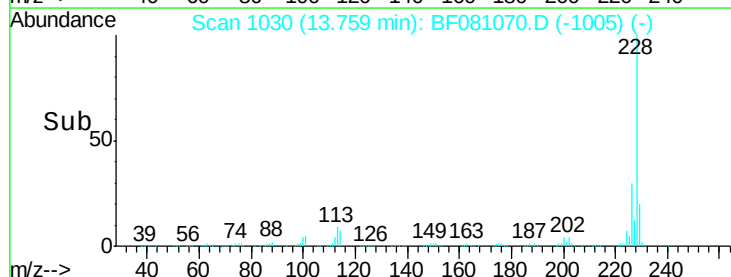
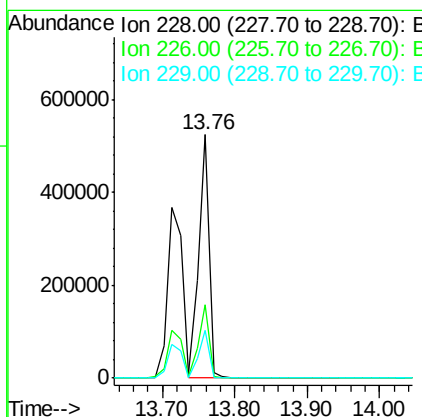
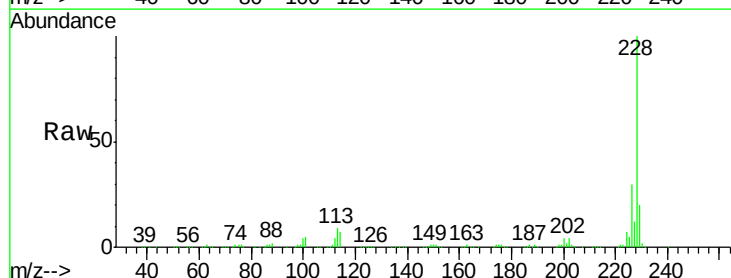
Instrument :
 BNA_F
 ClientSampleId :

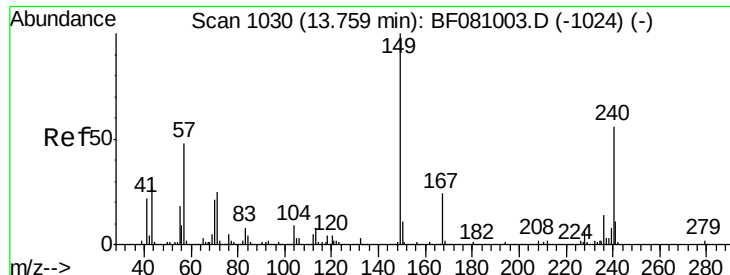
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.5	77.3
126	14.5	12.5	18.7



#82
 Chrysene
 Concen: 53.89 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	19.7	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 62.16 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

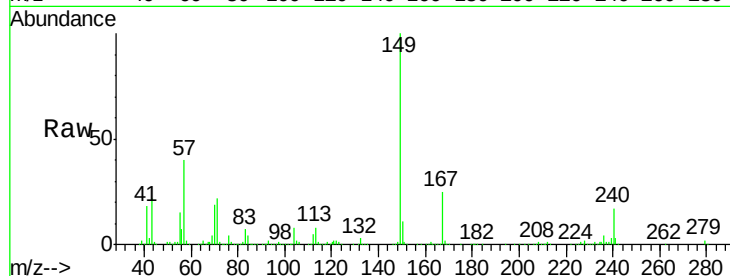
Tot Ion:149 Resp: 443538

Ion Ratio Lower Upper

149 100

167 25.1 20.7 31.1

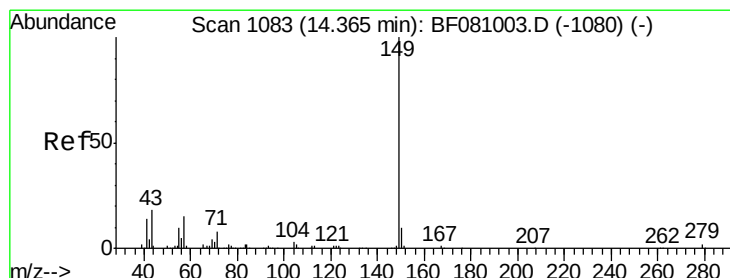
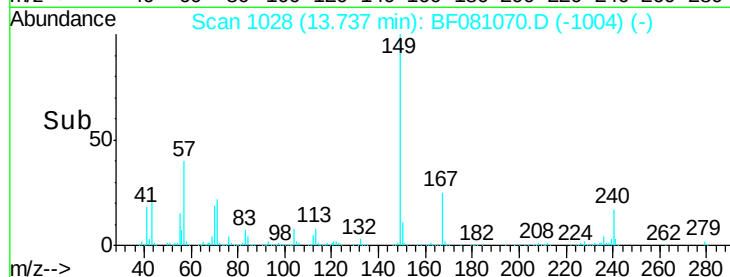
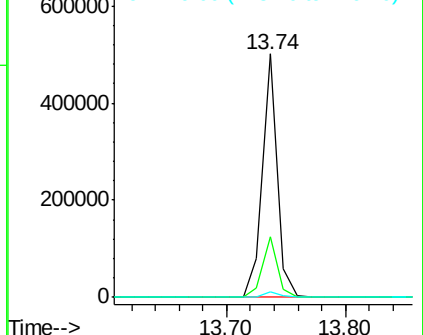
279 2.2 2.2 3.4#



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: 66.96 ng

RT: 14.34 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

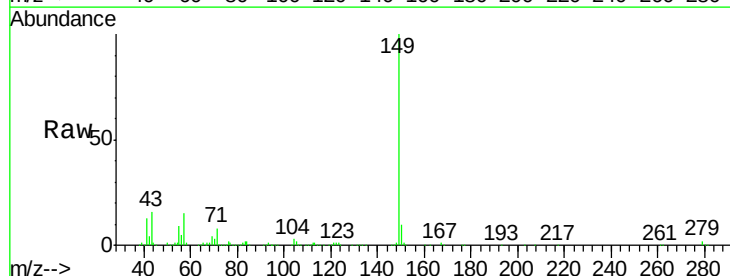
Tgt Ion:149 Resp: 726168

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

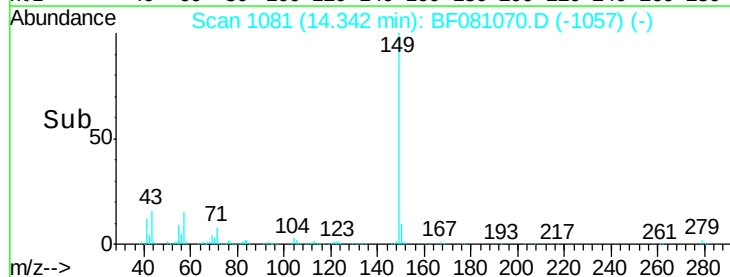
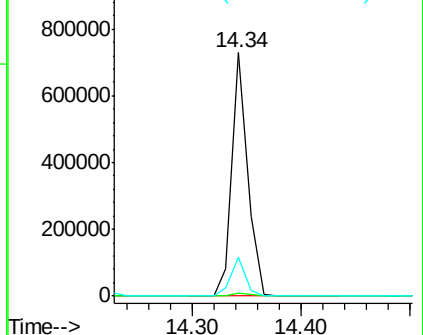
43 14.7 11.6 17.4

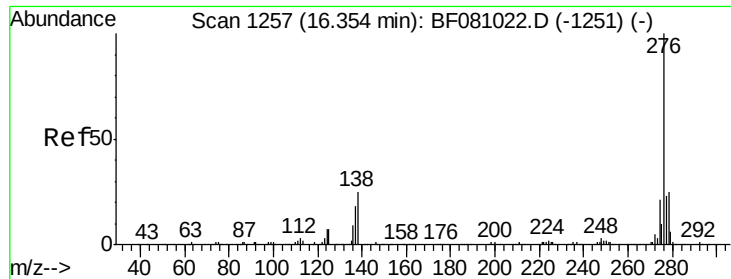


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

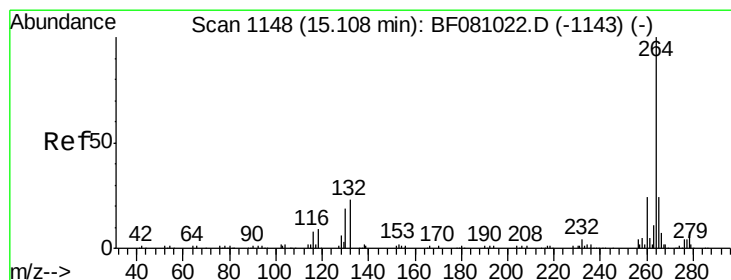
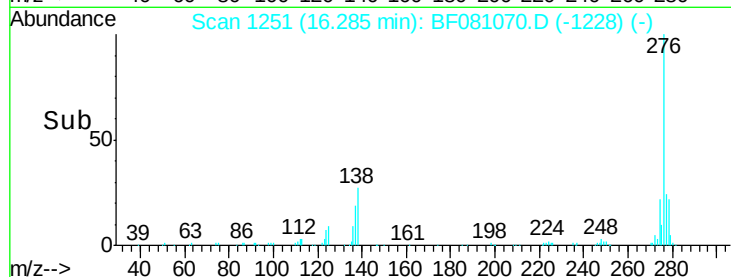
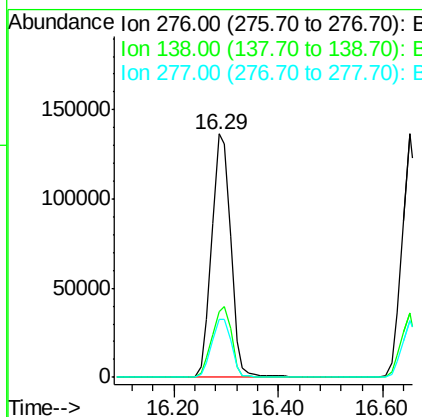
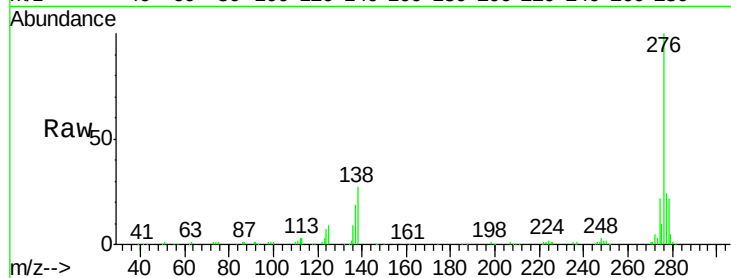




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.67 ng
 RT: 16.29 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

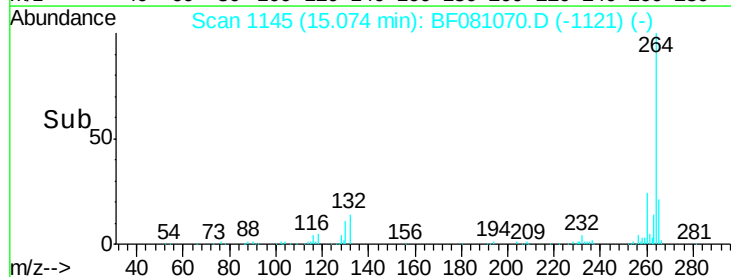
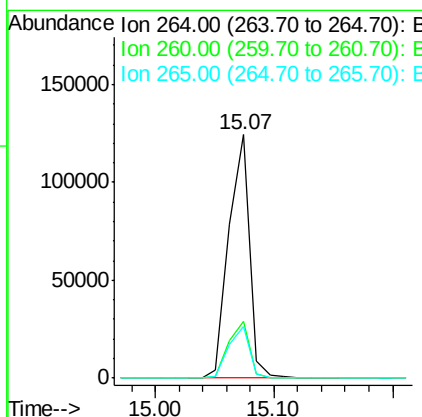
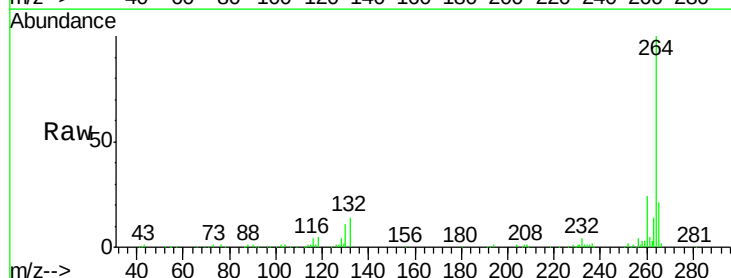
Instrument :
 BNA_F
 ClientSampleId :

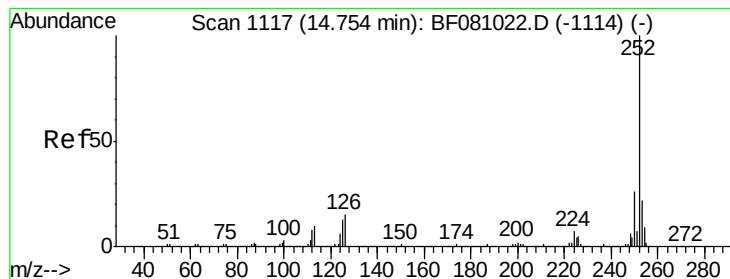
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	18.6	28.0#
277	24.6	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081070.D
 Acq: 19 Aug 2015 6:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 82.82 ng

RT: 14.74 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

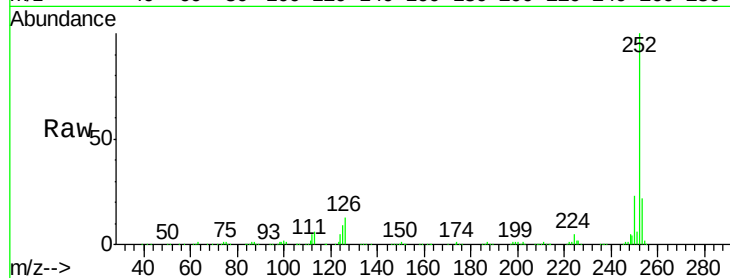
Tot Ion:252 Resp: 880367

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

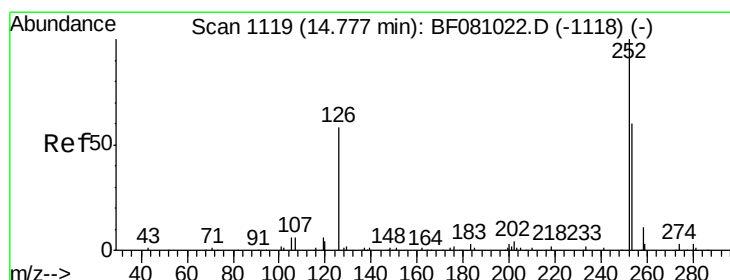
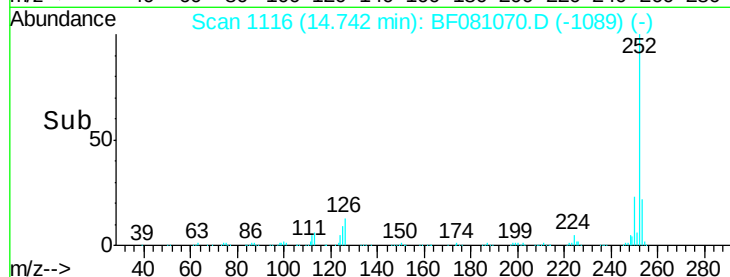
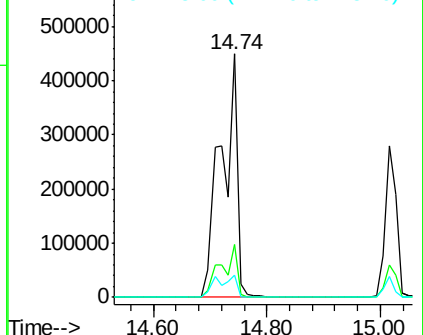
125 9.2 8.0 12.0



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: 88.89 ng

RT: 14.74 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

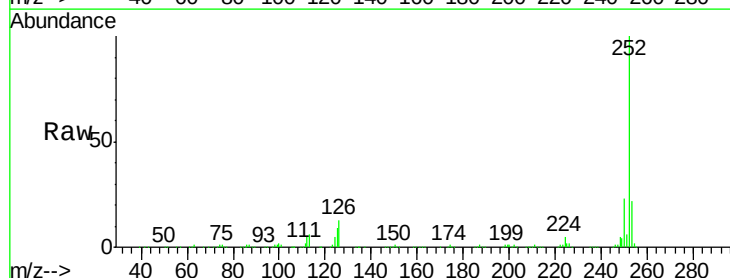
Tgt Ion:252 Resp: 880367

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

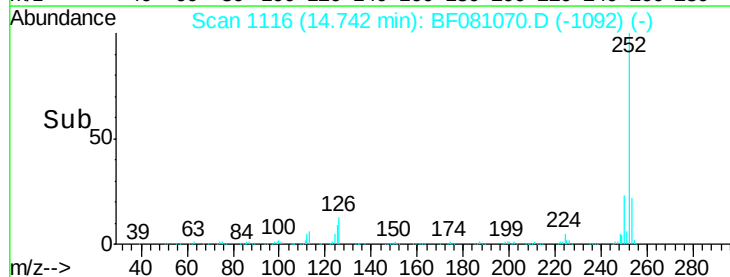
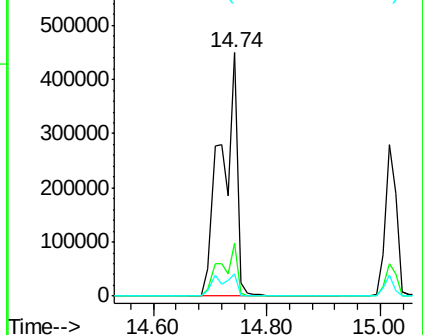
125 9.2 10.3 15.5#

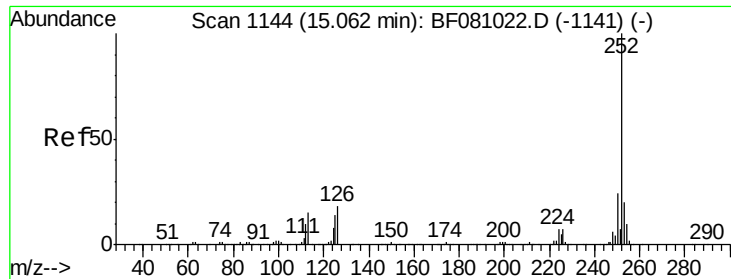


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

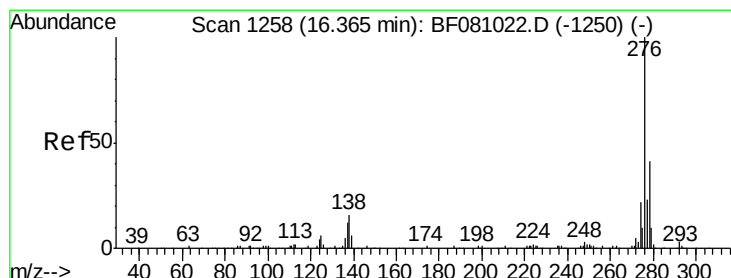
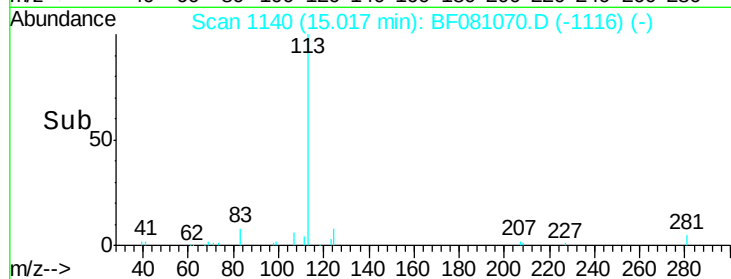
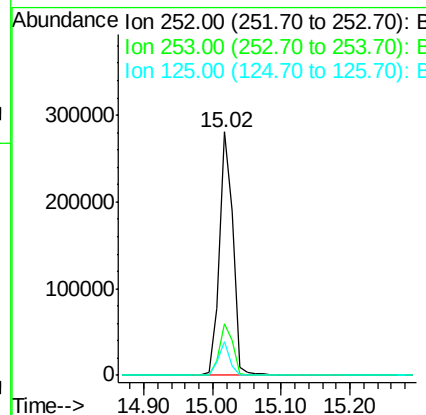
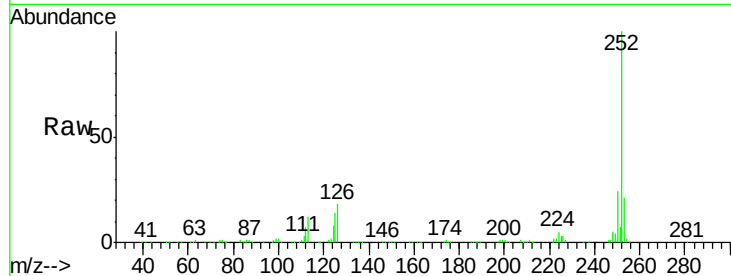




#89
Benzo(a)pyrene
Concen: 42.42 ng
RT: 15.02 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

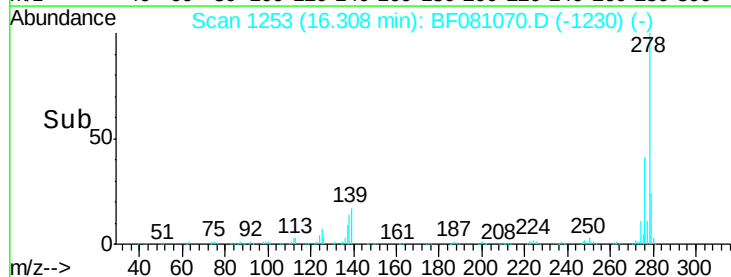
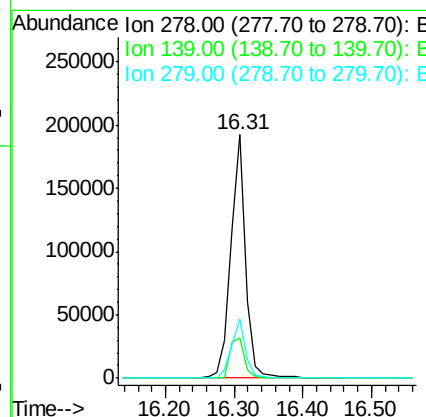
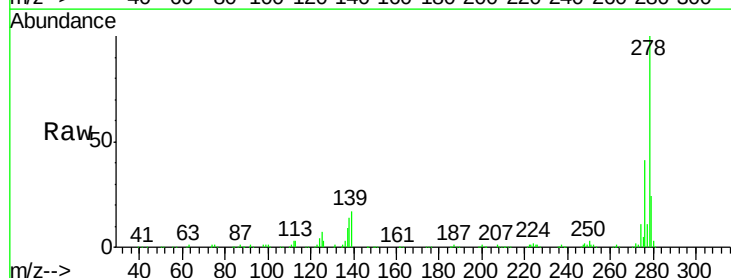
Instrument :
BNA_F
ClientSampleId :

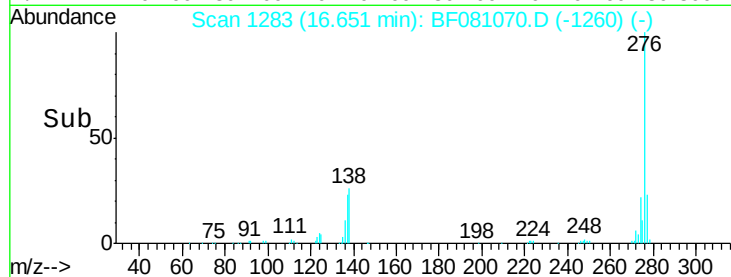
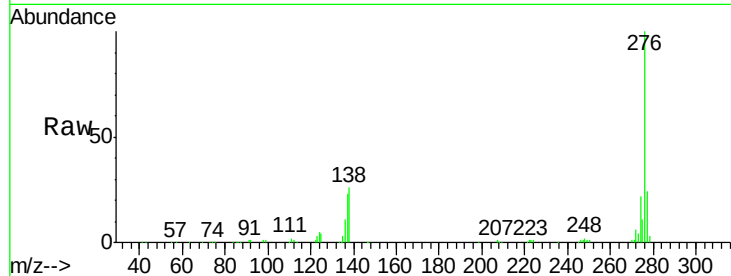
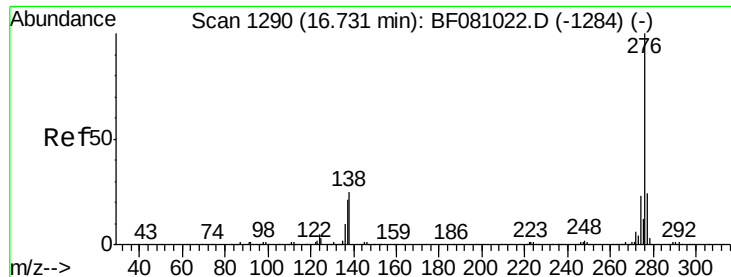
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	16.6	25.0
125	14.0	7.8	11.8



#90
Dibenzo(a,h)anthracene
Concen: 40.82 ng
RT: 16.31 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF081070.D
Acq: 19 Aug 2015 6:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	10.8	16.2
279	24.3	19.0	28.6





#91

Benzo(a,h,i)perylene

Concen: 38.59 ng

RT: 16.65 min Scan# 1283

Delta R.T. -0.03 min

Lab File: BF081070.D

Acq: 19 Aug 2015 6:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 282554

Ion Ratio Lower Upper

276 100

277 23.5 18.2 27.2

138 26.3 13.7 20.5#

