

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081049.D
 Acq On : 18 Aug 2015 18:42
 Operator : UM/IZ
 Sample : PB84967BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 00:39:23 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	64538	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	279528	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	131000	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	265677	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	240107	20.00	ng	-0.01
86) Perylene-d12	15.07	264	199674	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	413543	96.38	ng	0.00
7) Phenol-d6	6.26	99	615175	109.88	ng	0.00
23) Nitrobenzene-d5	7.18	82	369280	60.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	126947	111.79	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	609590	60.97	ng	-0.02
78) Terphenyl-d14	12.70	244	638764	57.03	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.09	88	53185	26.30	ng	96
3) Pyridine	2.72	79	151138	26.48	ng	# 82
4) n-Nitrosodimethylamine	2.67	42	103258	32.50	ng	# 78
6) Aniline	6.26	93	192848	23.69	ng	# 46
8) 2-Chlorophenol	6.39	128	154473	32.89	ng	93
9) Benzaldehyde	6.15	77	60668	16.81	ng	87
10) Phenol	6.27	94	265175	40.11	ng	82
11) bis(2-Chloroethyl)ether	6.35	93	180163	35.51	ng	95
12) 1,3-Dichlorobenzene	6.55	146	172343	34.15	ng	97
13) 1,4-Dichlorobenzene	6.63	146	170186	34.06	ng	98
14) 1,2-Dichlorobenzene	6.78	146	152717	32.65	ng	98
15) Benzyl Alcohol	6.76	79	167604	37.00	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.90	45	333796	33.48	ng	99
17) 2-Methylphenol	6.88	107	133632	33.16	ng	95
18) Hexachloroethane	7.12	117	66246	32.81	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	132905	34.27	ng	92
20) 3+4-Methylphenols	7.04	107	176782	34.56	ng	# 50
22) Acetophenone	7.03	105	238860	32.55	ng	# 90
24) Nitrobenzene	7.20	77	213776	33.41	ng	98
25) Isophorone	7.44	82	352413	30.88	ng	98
26) 2-Nitrophenol	7.52	139	91176	34.27	ng	# 65
27) 2,4-Dimethylphenol	7.56	122	153987	32.71	ng	95
28) bis(2-Chloroethoxy)methane	7.66	93	208217	30.89	ng	99
29) 2,4-Dichlorophenol	7.76	162	135777	34.26	ng	90
30) 1,2,4-Trichlorobenzene	7.84	180	136139	30.91	ng	98
31) Naphthalene	7.92	128	506599	32.51	ng	99
32) Benzoic acid	7.70	122	108032	40.80	ng	92
33) 4-Chloroaniline	7.98	127	102033	15.52	ng	# 82
34) Hexachlorobutadiene	8.04	225	78466	31.50	ng	97
35) Caprolactam	8.34	113	35155	25.38	ng	95
36) 4-Chloro-3-methylphenol	8.47	107	177187	37.52	ng	94
37) 2-Methylnaphthalene	8.60	142	302942	30.78	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	138101	32.67	ng	98
40) Hexachlorocyclopentadiene	8.76	237	153907	70.35	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	104744	35.08	nq	96
43) 2,4,5-Trichlorophenol	8.94	196	99004	33.18	nq	# 94
45) 1,1'-Biphenyl	9.07	154	413821	35.86	nq	97
46) 2-Chloronaphthalene	9.10	162	286867	30.95	nq	99
47) 2-Nitroaniline	9.19	65	112017	29.53	nq	98
48) Acenaphthylene	9.51	152	480917	29.00	nq	99
49) Dimethylphthalate	9.38	163	351078	32.54	nq	99
50) 2,6-Dinitrotoluene	9.44	165	81493	35.18	nq	# 87
51) Acenaphthene	9.68	154	309984	31.22	nq	99
52) 3-Nitroaniline	9.60	138	57061	19.69	nq	98
53) 2,4-Dinitrophenol	9.71	184	103036	79.71	nq	# 69
54) Dibenzofuran	9.85	168	438051	32.93	nq	99
55) 4-Nitrophenol	9.78	139	158531	77.87	nq	# 58
56) 2,4-Dinitrotoluene	9.84	165	104275	33.96	nq	# 77
57) Fluorene	10.18	166	302074	29.52	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	80026	34.65	nq	97
59) Diethylphthalate	10.08	149	397129	34.78	nq	97
60) 4-Chlorophenyl-phenylether	10.18	204	150672	34.79	nq	99
61) 4-Nitroaniline	10.22	138	92605	31.26	nq	93
62) Azobenzene	10.34	77	470167	35.73	nq	96
64) 4,6-Dinitro-2-methylphenol	10.24	198	57685	36.36	nq	88
65) n-Nitrosodiphenylamine	10.31	169	328178	34.60	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	89002	34.10	nq	95
67) Hexachlorobenzene	10.73	284	94535	35.76	nq	98
68) Atrazine	10.83	200	94589	35.80	nq	97
69) Pentachlorophenol	10.92	266	108438	68.38	nq	99
70) Phenanthrene	11.14	178	496889	31.56	nq	99
71) Anthracene	11.19	178	512216	33.43	nq	99
72) Carbazole	11.35	167	548176	37.16	nq	100
73) Di-n-butylphthalate	11.69	149	633834	35.51	nq	98
74) Fluoranthene	12.32	202	570588	33.58	nq	99
76) Benzidine	12.44	184	304173	33.54	nq	98
77) Pyrene	12.54	202	532506	27.28	nq	99
79) Butylbenzylphthalate	13.18	149	309148	36.85	nq	# 80
80) Benzo(a)anthracene	13.73	228	509716	31.65	nq	100
81) 3,3'-Dichlorobenzidine	13.69	252	109372	20.97	nq	98
82) Chrysene	13.76	228	439551	30.29	nq	98
83) Bis(2-ethylhexyl)phthalate	13.74	149	403015	37.50	nq	# 96
84) Di-n-octyl phthalate	14.34	149	718330	43.98	nq	98
85) Indeno(1,2,3-cd)pyrene	16.30	276	396126	38.88	nq	# 94
87) Benzo(b)fluoranthene	14.74	252	848572	60.08	nq	# 95
88) Benzo(k)fluoranthene	14.74	252	848572	64.48	nq	99
89) Benzo(a)pyrene	15.03	252	432862	35.17	nq	98
90) Dibenzo(a,h)anthracene	16.32	278	331929	34.62	nq	98
91) Benzo(g,h,i)perylene	16.66	276	318645	32.75	nq	# 92

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

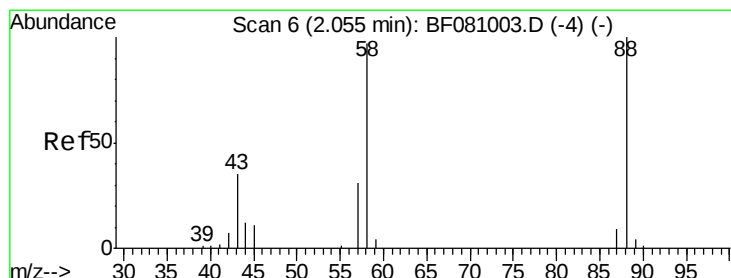
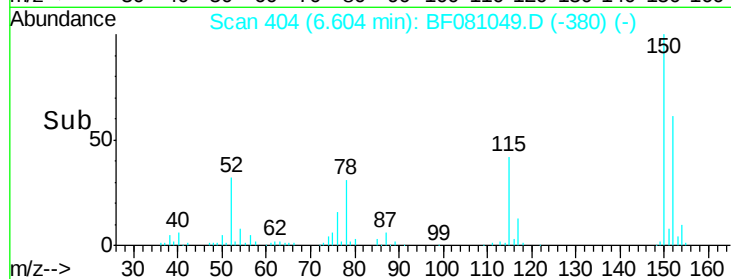
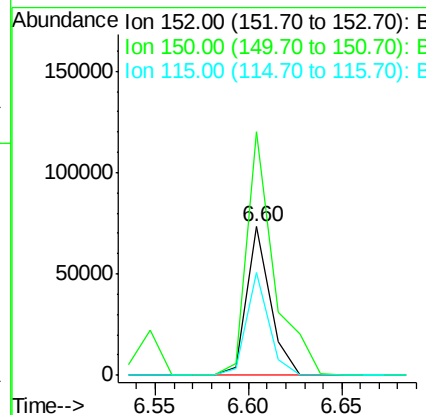
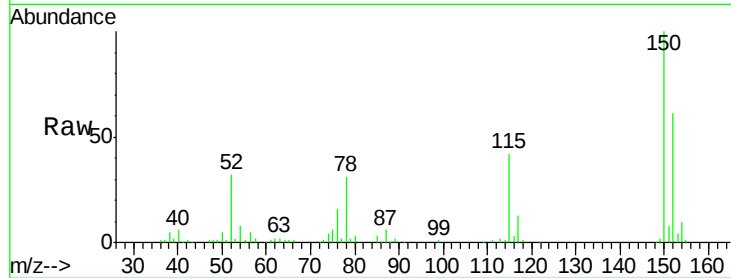


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Instrument :
BNA_F
ClientSampleId :

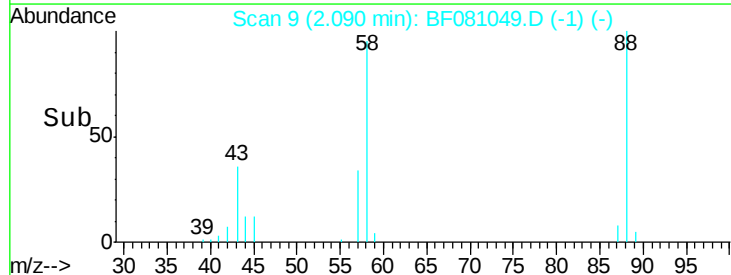
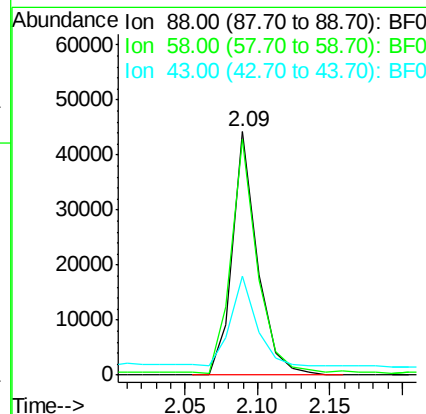
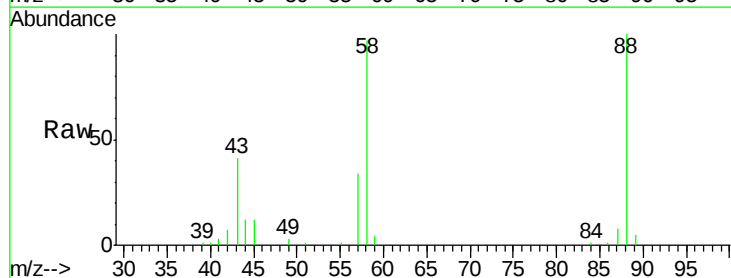
Tot Ion:152 Resp: 64538
Ion Ratio Lower Upper
152 100
150 164.1 123.8 185.6
115 69.4 52.1 78.1

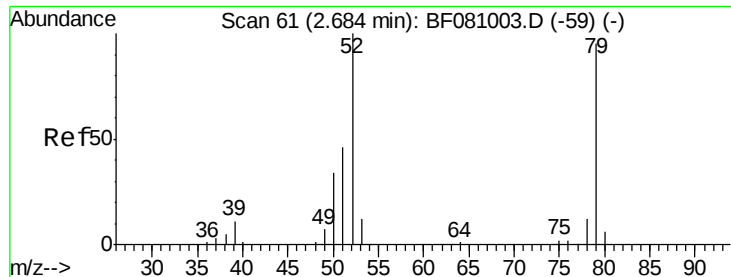


#2

1,4-Dioxane
Concen: 26.30 ng
RT: 2.09 min Scan# 9
Delta R.T. 0.03 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Tgt Ion: 88 Resp: 53185
Ion Ratio Lower Upper
88 100
58 101.6 83.7 125.5
43 43.1 37.5 56.3





#3

Pvridine

Concen: 26.48 ng

RT: 2.72 min Scan# 64

Delta R.T. 0.00 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

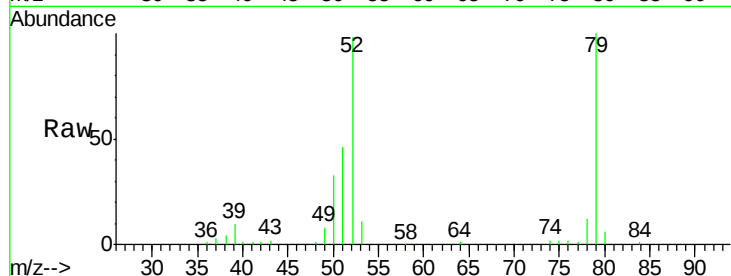
Tot Ion: 79 Resp: 151138

Ion Ratio Lower Upper

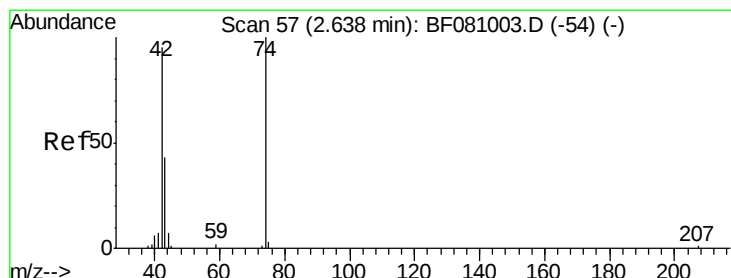
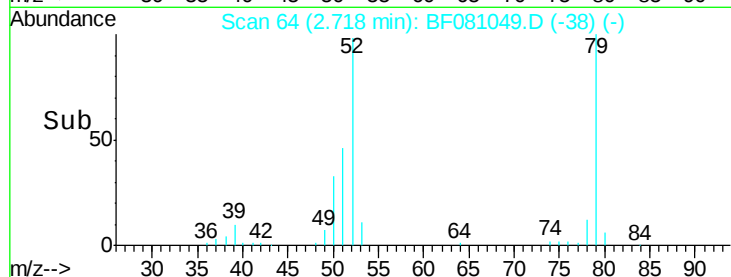
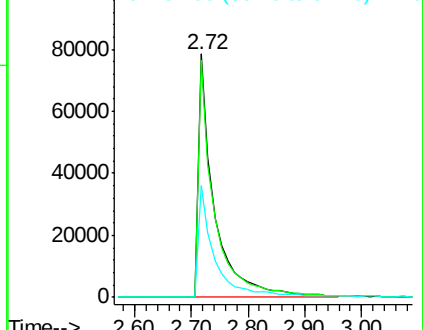
79 100

52 97.5 95.1 142.7

51 46.0 46.6 70.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.50 ng

RT: 2.67 min Scan# 60

Delta R.T. 0.05 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

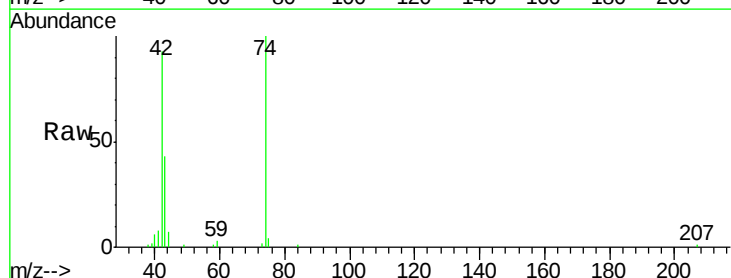
Tgt Ion: 42 Resp: 103258

Ion Ratio Lower Upper

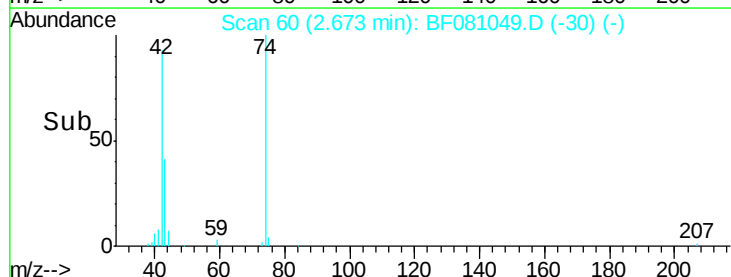
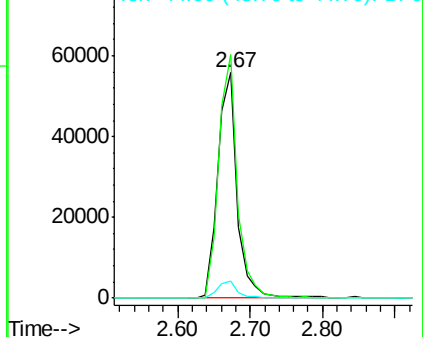
42 100

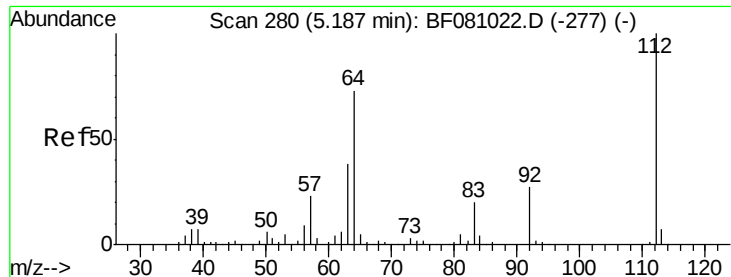
74 108.1 69.3 103.9#

44 7.5 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

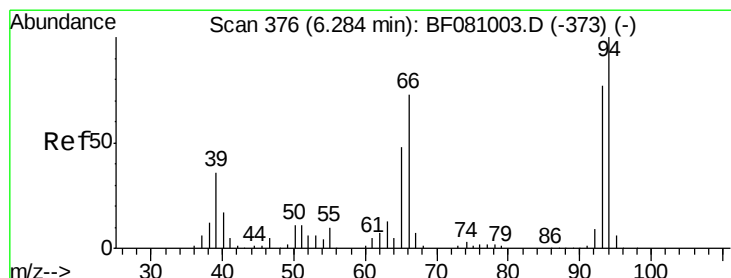
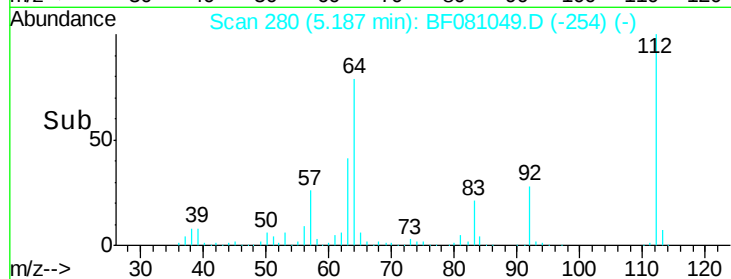
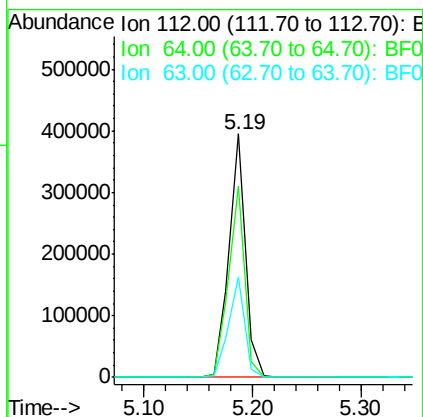
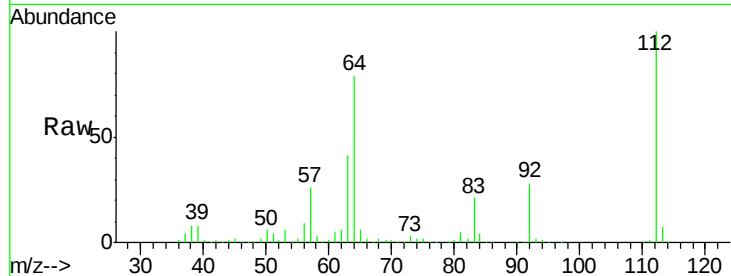




#5
 2-Fluorophenol
 Concen: 96.38 ng
 RT: 5.19 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

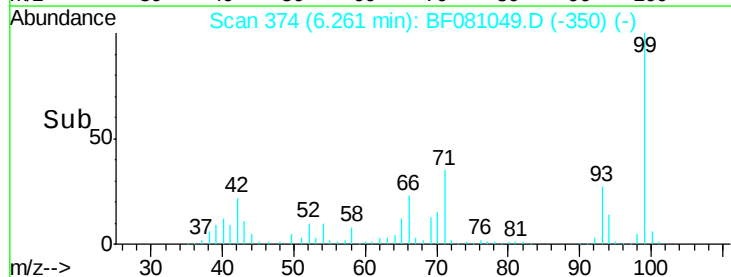
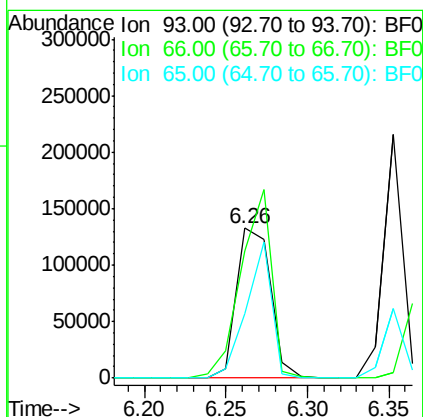
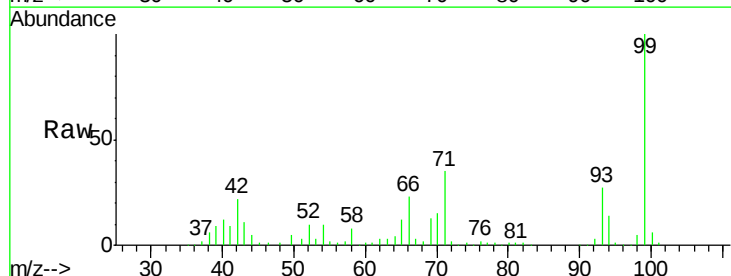
Instrument :
 BNA_F
 ClientSampled :

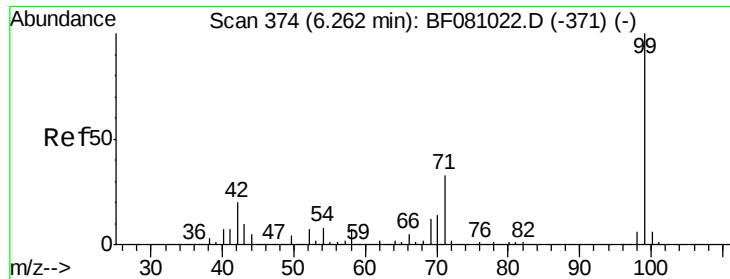
Tot Ion:112 Resp: 413543
 Ion Ratio Lower Upper
 112 100
 64 78.6 66.9 100.3
 63 41.4 38.1 57.1



#6
 Aniline
 Concen: 23.69 ng
 RT: 6.26 min Scan# 374
 Delta R.T. -0.02 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Tgt Ion: 93 Resp: 192848
 Ion Ratio Lower Upper
 93 100
 66 84.7 35.6 53.4#
 65 43.1 18.7 28.1#





#7

Phenol-d6

Concen: 109.88 ng

RT: 6.26 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

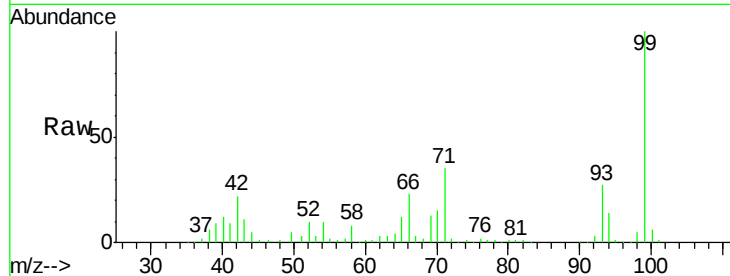
Tot Ion: 99 Resp: 615175

Ion Ratio Lower Upper

99 100

42 22.0 19.6 29.4

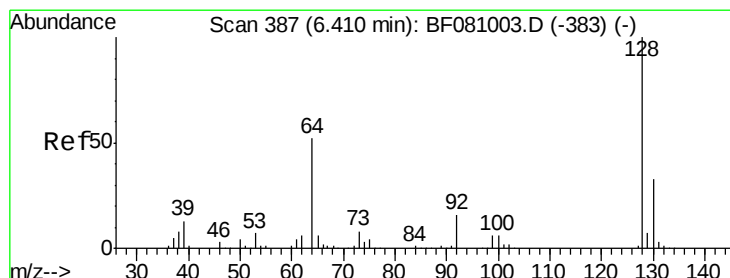
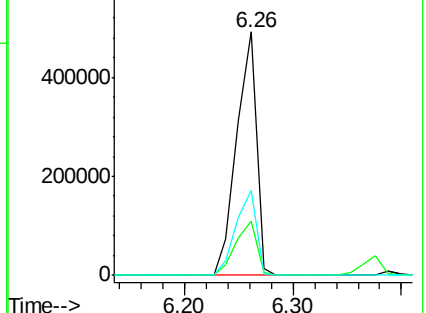
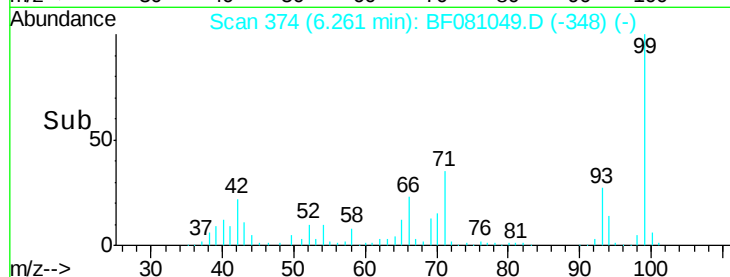
71 35.1 31.2 46.8



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: 32.89 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

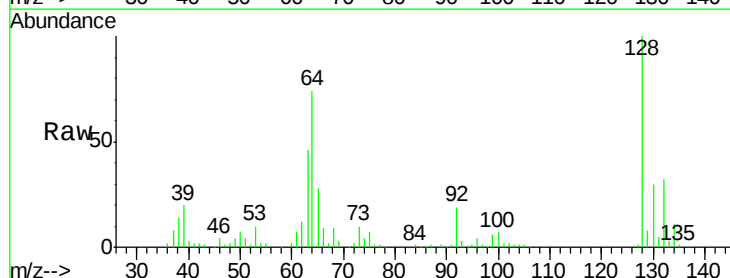
Tgt Ion:128 Resp: 154473

Ion Ratio Lower Upper

128 100

130 30.3 12.5 52.5

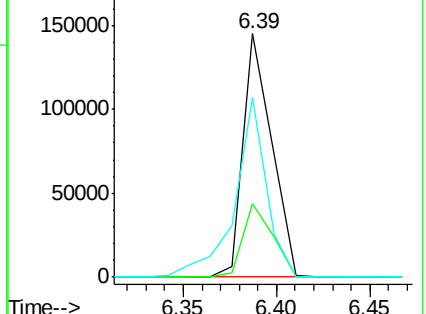
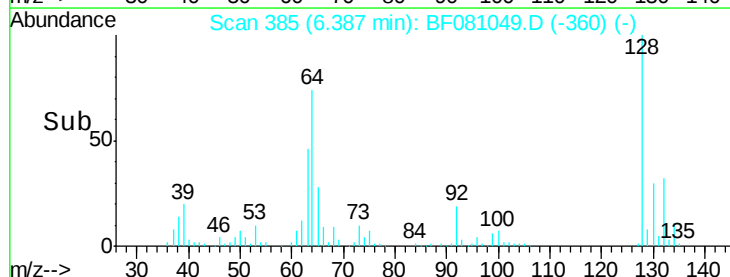
64 73.9 46.8 86.8

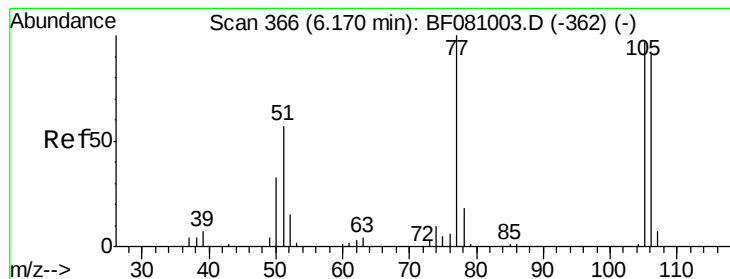


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.81 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

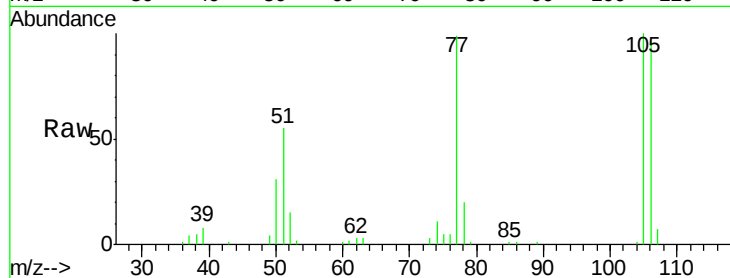
Tot Ion: 77 Resp: 60668

Ion Ratio Lower Upper

77 100

105 100.8 69.6 109.6

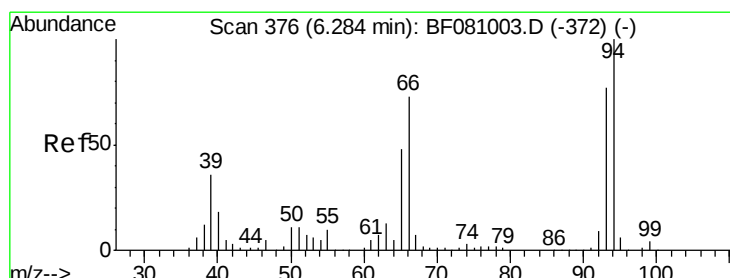
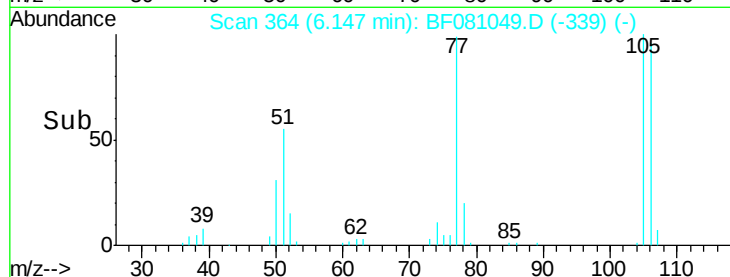
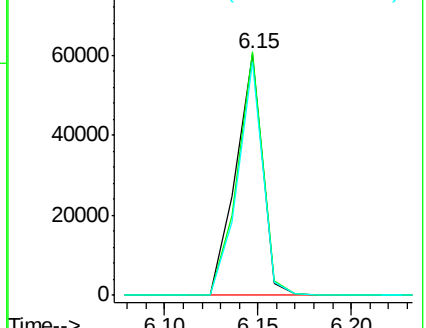
106 96.5 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.11 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

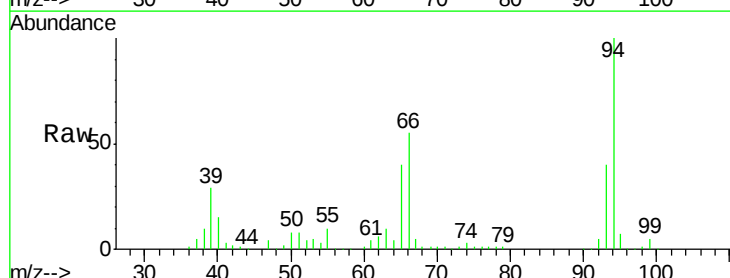
Tgt Ion: 94 Resp: 265175

Ion Ratio Lower Upper

94 100

65 39.5 28.4 68.4

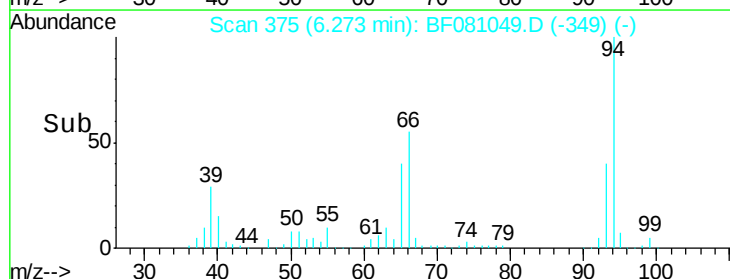
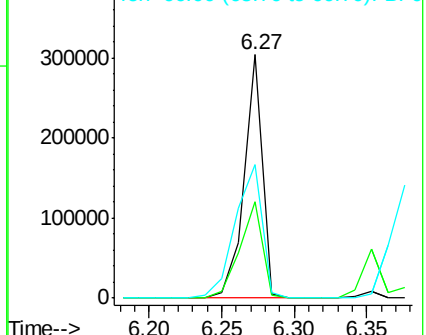
66 54.8 52.3 92.3



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

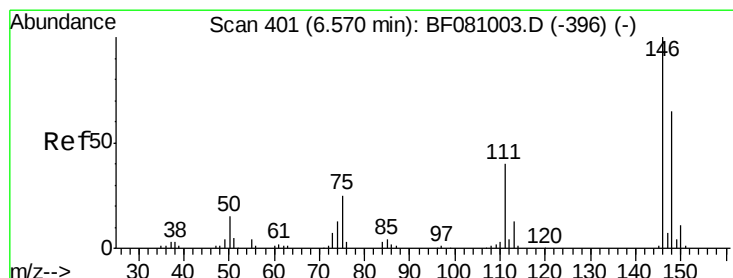
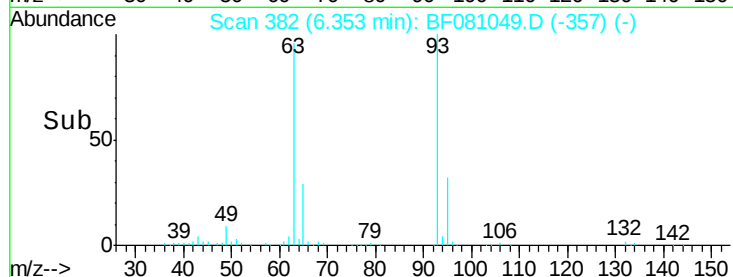
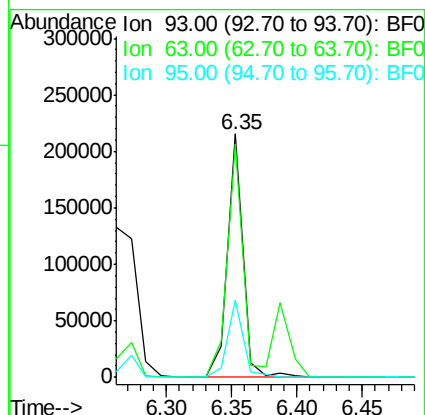
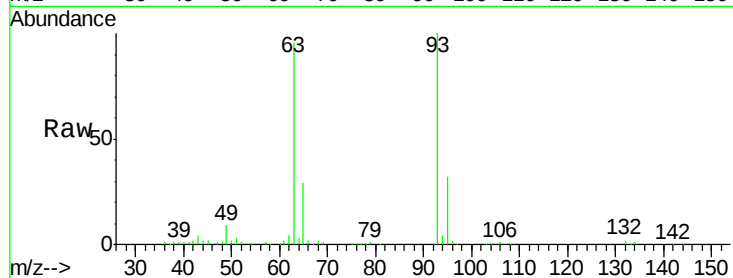




#11
bis(2-Chloroethyl)ether
Concen: 35.51 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

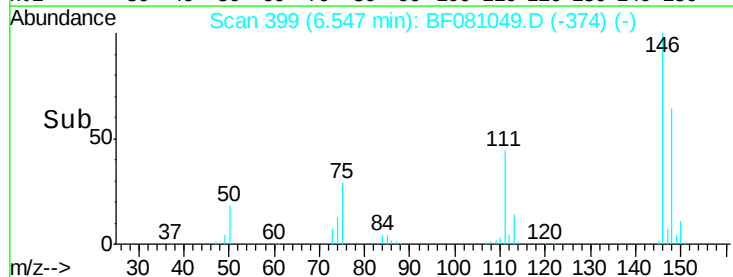
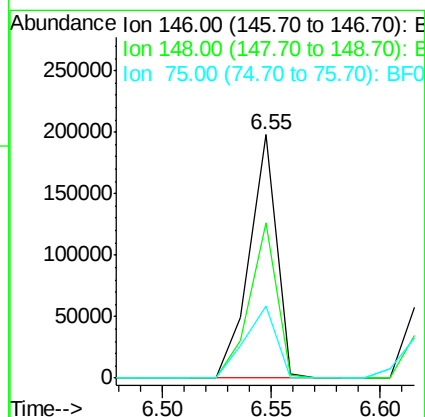
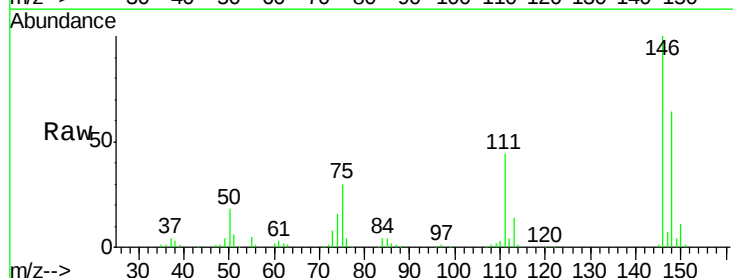
Instrument :
BNA_F
ClientSampled :

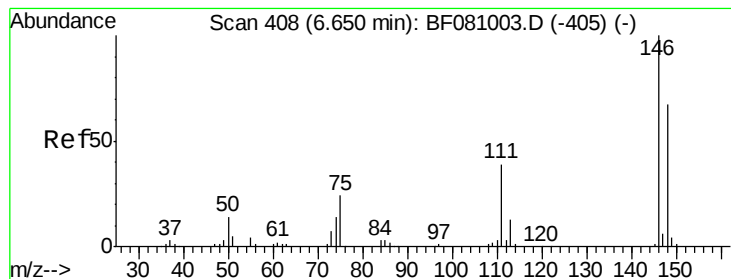
Tot Ion: 93 Resp: 180163
Ion Ratio Lower Upper
93 100
63 95.9 69.6 109.6
95 31.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 34.15 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Tgt Ion: 146 Resp: 172343
Ion Ratio Lower Upper
146 100
148 64.0 53.3 79.9
75 29.6 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 34.06 ng

RT: 6.63 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

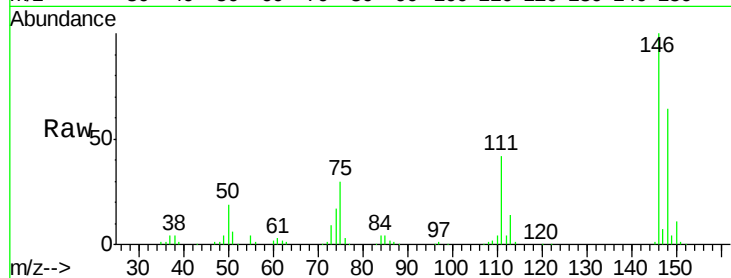
Tot Ion:146 Resp: 170186

Ion Ratio Lower Upper

146 100

148 63.8 52.3 78.5

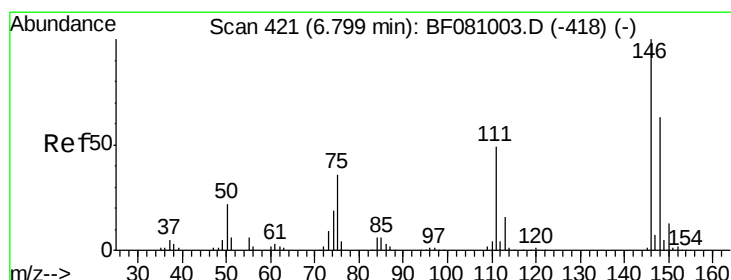
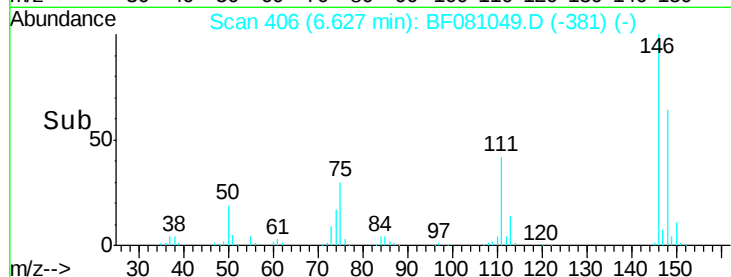
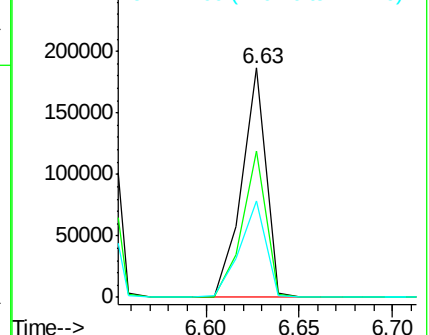
111 42.0 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.65 ng

RT: 6.78 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

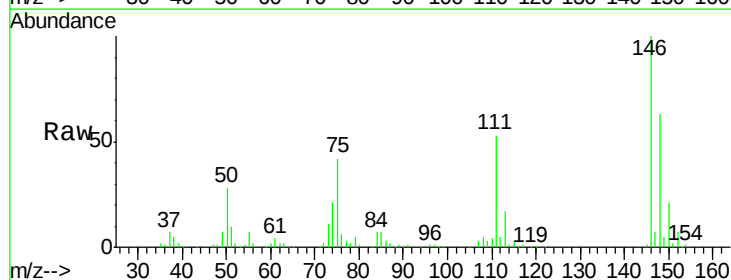
Tgt Ion:146 Resp: 152717

Ion Ratio Lower Upper

146 100

148 63.4 48.7 73.1

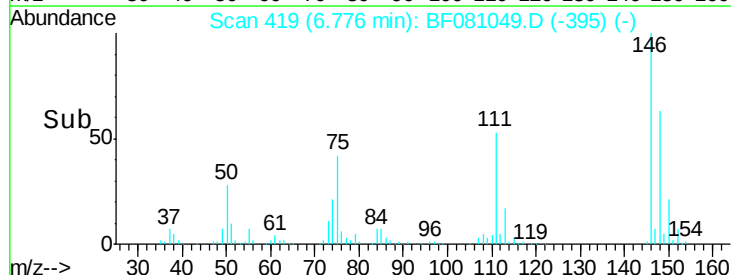
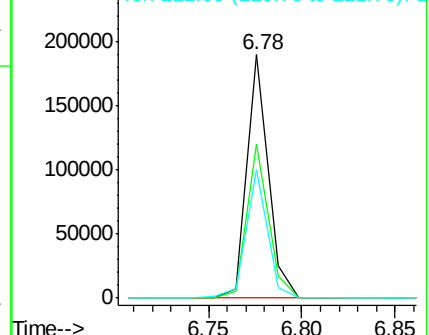
111 52.6 42.3 63.5

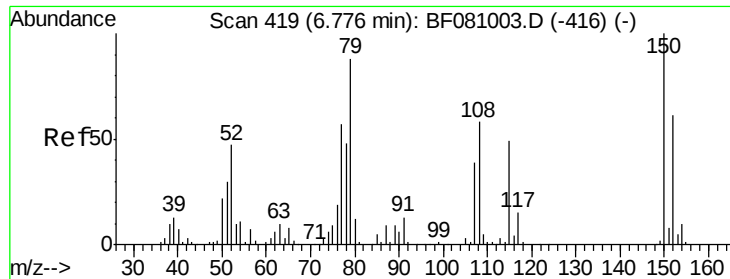


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

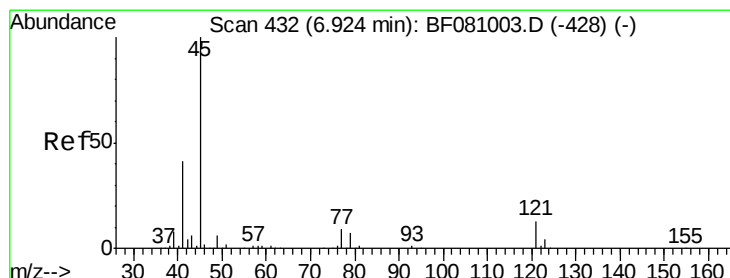
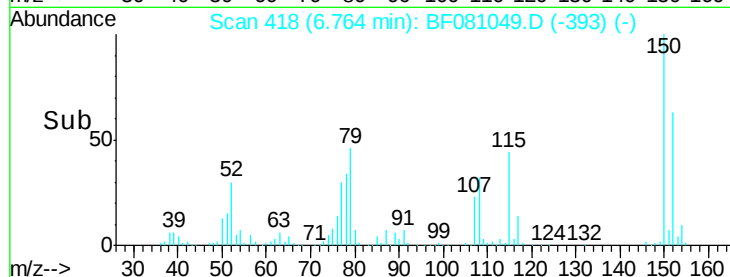
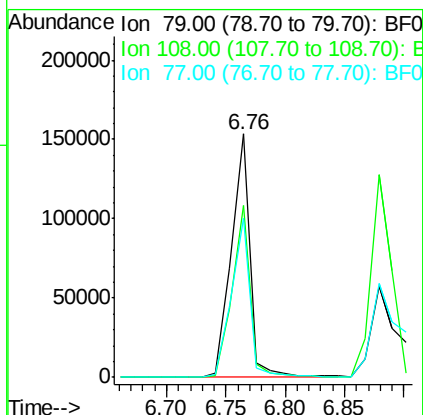
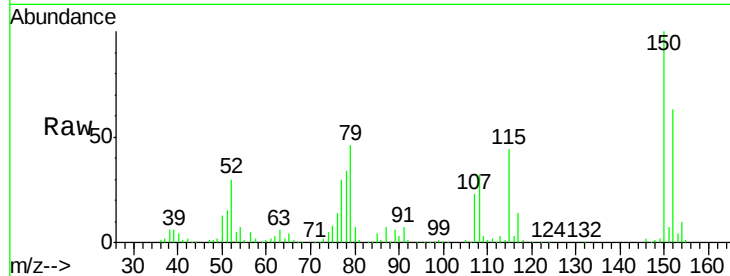




#15
Benzyl Alcohol
Concen: 37.00 ng
RT: 6.76 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

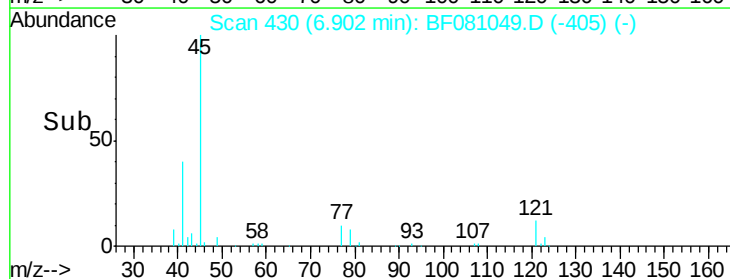
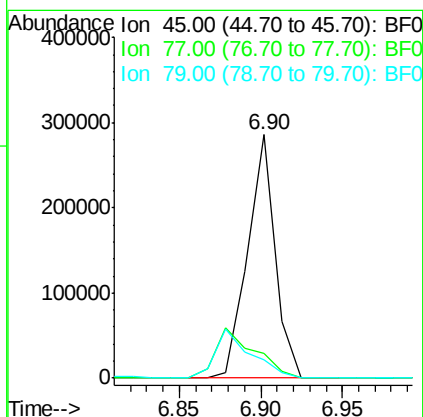
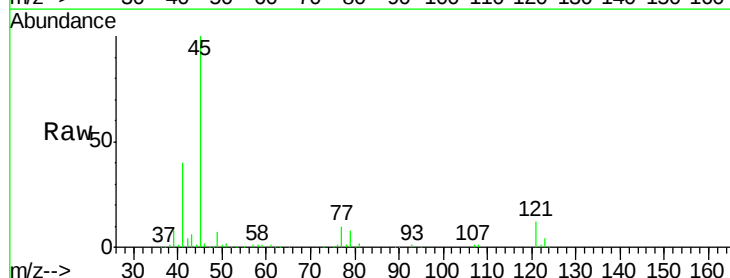
Instrument :
BNA_F
ClientSampleId :

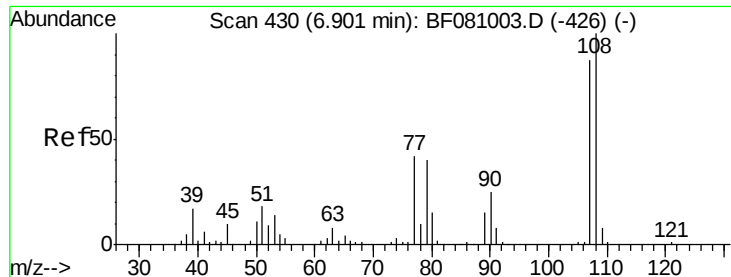
Tot Ion: 79 Resp: 167604
Ion Ratio Lower Upper
79 100
108 70.7 49.4 74.2
77 65.2 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.48 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Tgt Ion: 45 Resp: 333796
Ion Ratio Lower Upper
45 100
77 10.1 0.0 30.2
79 7.7 0.0 28.0

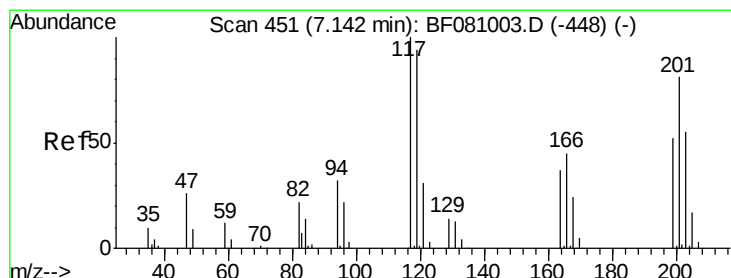
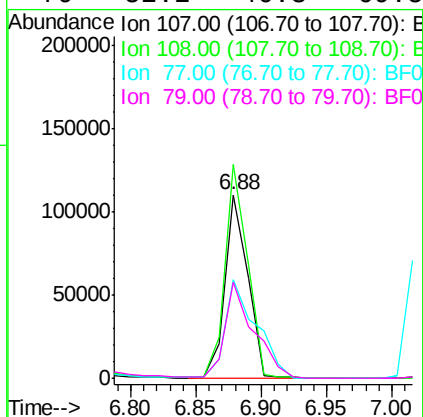
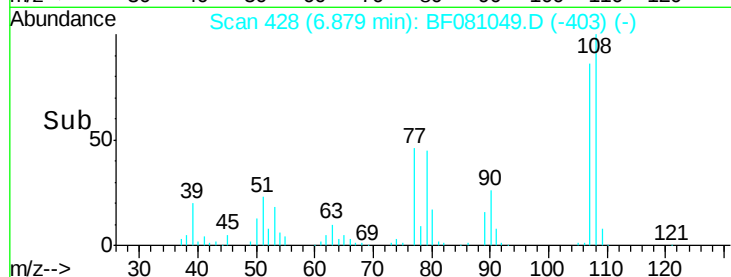
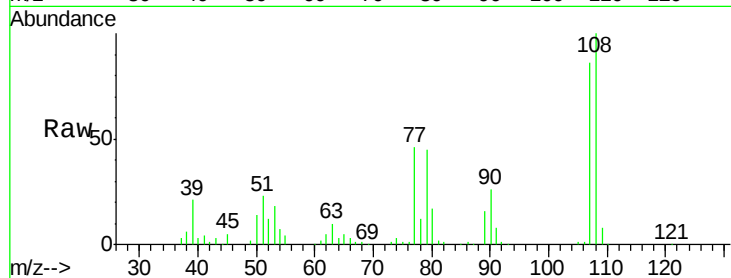




#17
2-Methylphenol
Concen: 33.16 ng
RT: 6.88 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

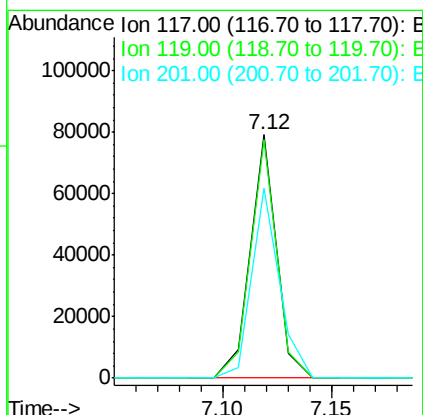
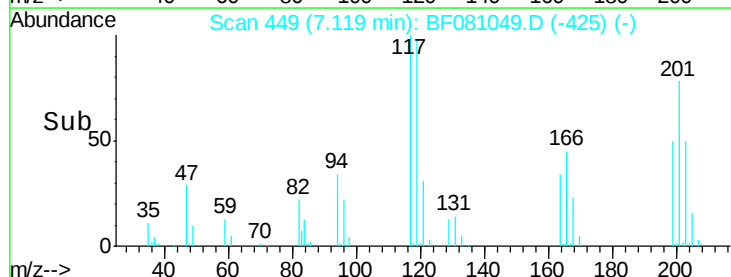
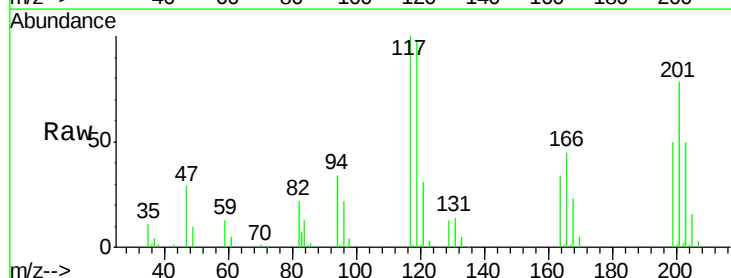
Instrument :
BNA_F
ClientSampleId :

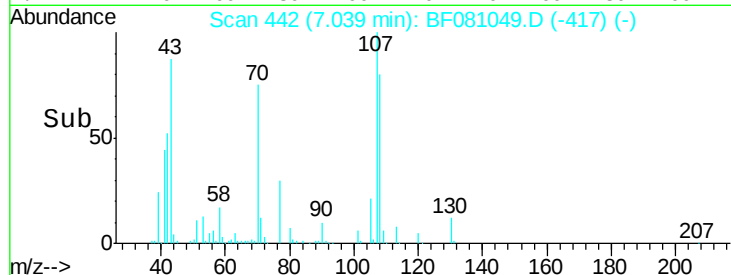
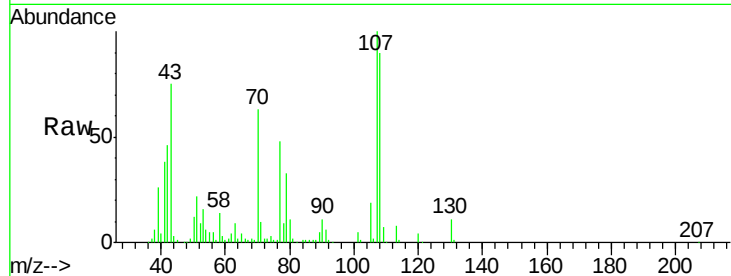
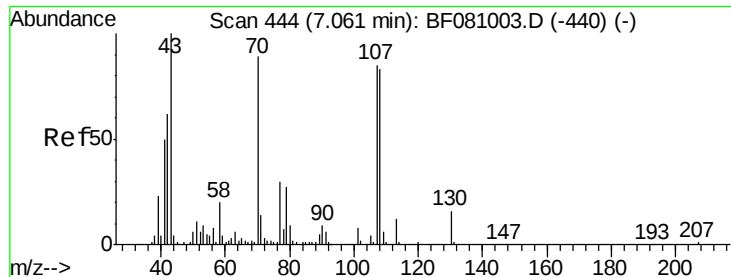
Tot Ion:	107	Resp:	133632
Ion	Ratio	Lower	Upper
107	100		
108	116.5	90.4	135.6
77	54.1	46.5	69.7
79	52.2	46.3	69.5



#18
Hexachloroethane
Concen: 32.81 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Tgt Ion:	117	Resp:	66246
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.9	116.9
201	77.8	61.3	91.9

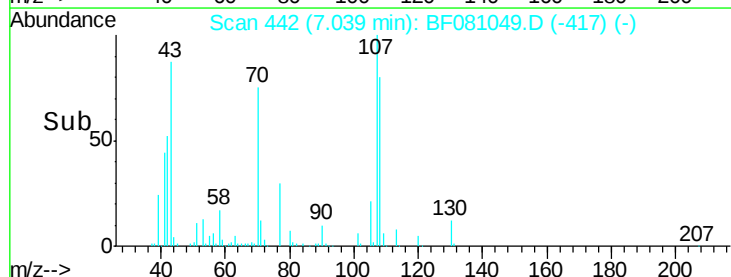
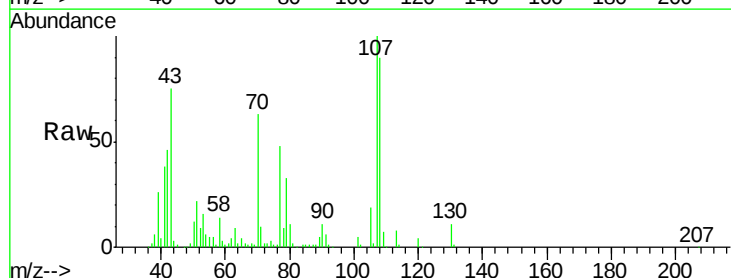
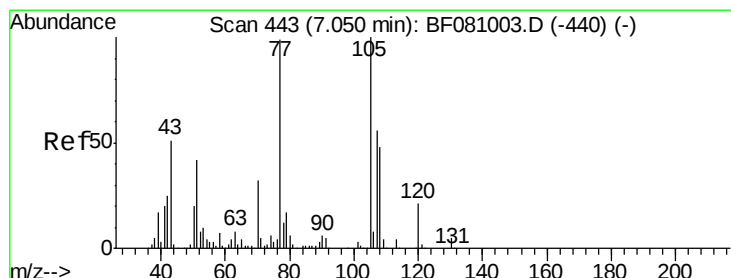
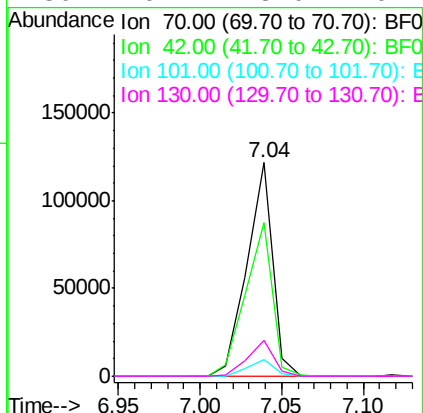




#19
n-Nitroso-di-n-propylamine
Concen: 34.27 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

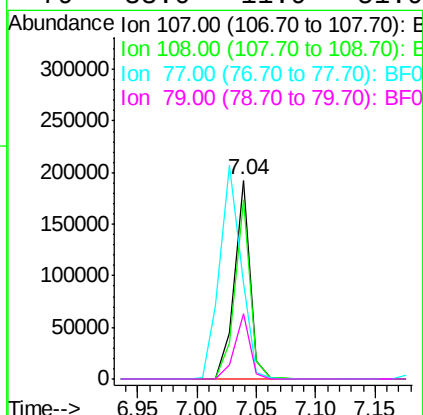
Instrument :
BNA_F
ClientSampleId :

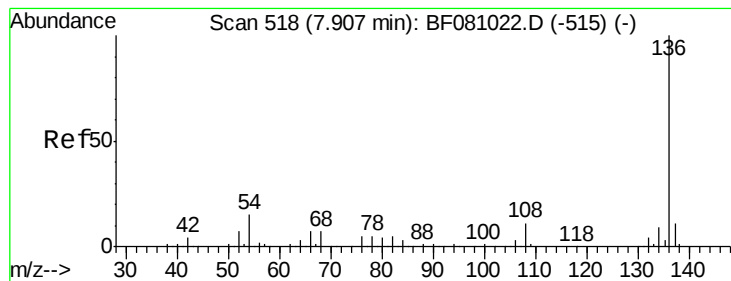
Tot Ion:	70	Resp:	132905
Ion	Ratio	Lower	Upper
70	100		
42	72.2	65.0	97.4
101	8.0	7.4	11.2
130	16.7	13.0	19.4



#20
3+4-Methylphenols
Concen: 34.56 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Tgt Ion:	107	Resp:	176782
Ion	Ratio	Lower	Upper
107	100		
108	89.7	66.1	106.1
77	48.4	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: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 279528

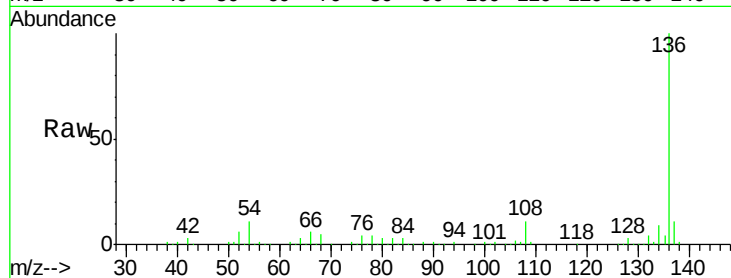
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.2

54 10.8 7.7 11.5

68 5.5 3.4 5.2#

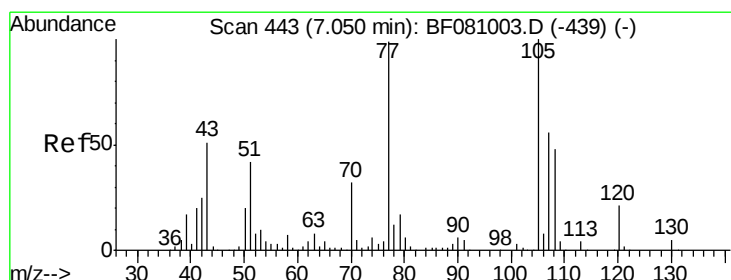
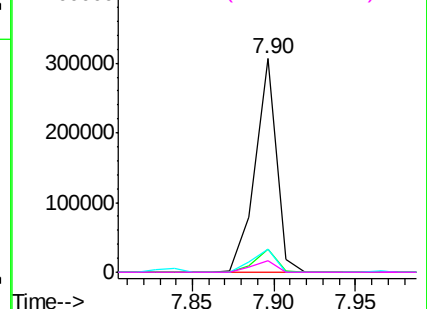
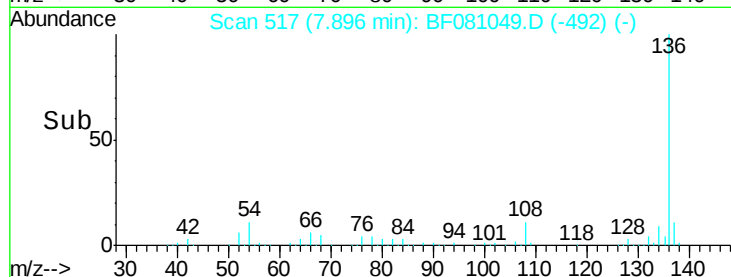


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 32.55 ng

RT: 7.03 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Tgt Ion:105 Resp: 238860

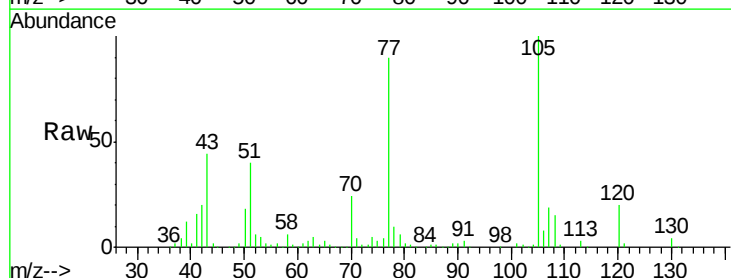
Ion Ratio Lower Upper

105 100

71 4.2 3.0 4.6

51 39.8 39.8 59.8#

120 20.2 15.8 23.8

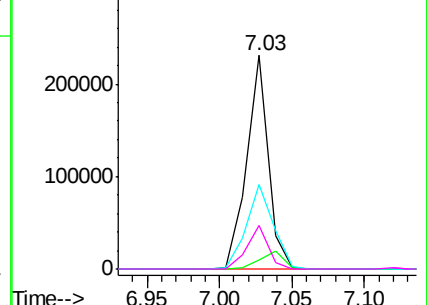
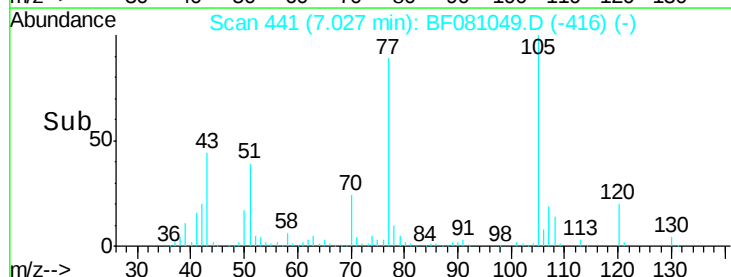


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

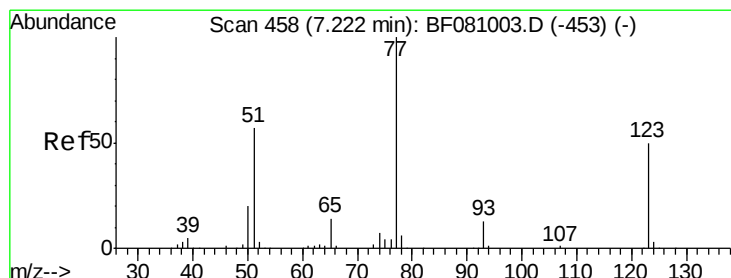
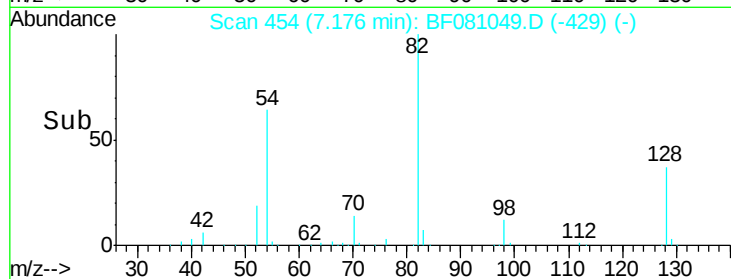
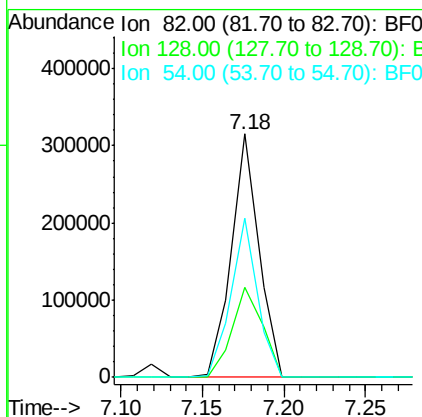
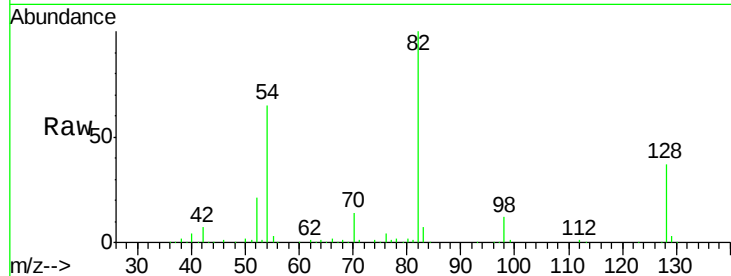




#23
 Nitrobenzene-d5
 Concen: 60.35 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

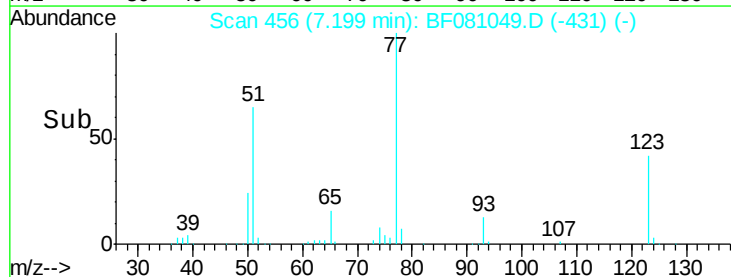
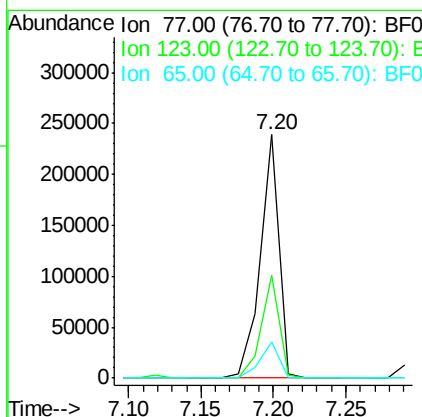
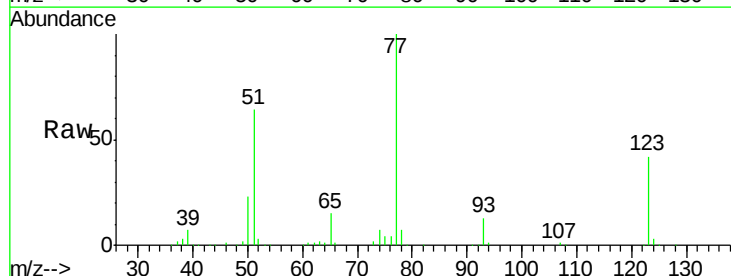
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	82	Resp:	369280
Ion	Ratio	Lower	Upper
82	100		
128	36.9	28.6	42.8
54	65.2	55.1	82.7



#24
 Nitrobenzene
 Concen: 33.41 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Tgt Ion:	77	Resp:	213776
Ion	Ratio	Lower	Upper
77	100		
123	42.2	32.9	49.3
65	15.1	12.5	18.7





#25

Isophorone

Concen: 30.88 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

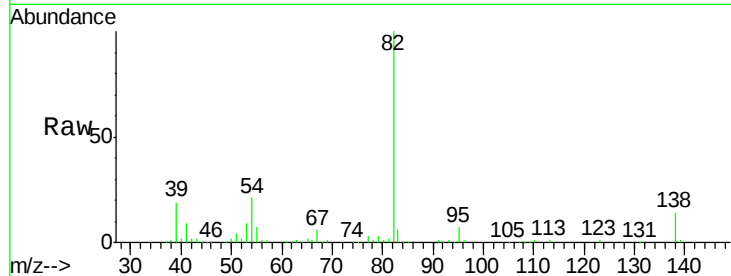
Tot Ion: 82 Resp: 352413

Ion Ratio Lower Upper

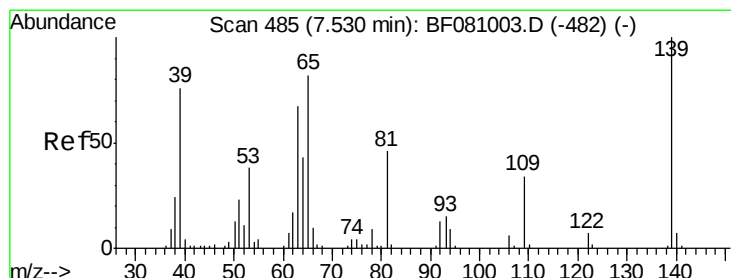
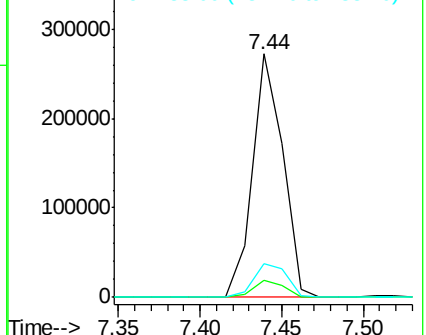
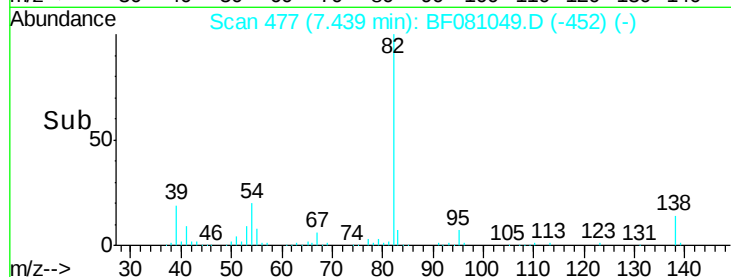
82 100

95 6.8 6.2 9.2

138 13.7 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: 34.27 ng

RT: 7.52 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

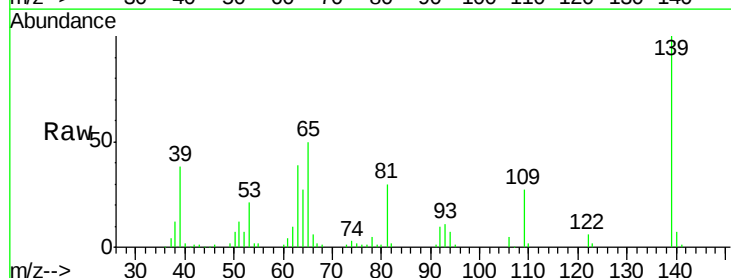
Tgt Ion: 139 Resp: 91176

Ion Ratio Lower Upper

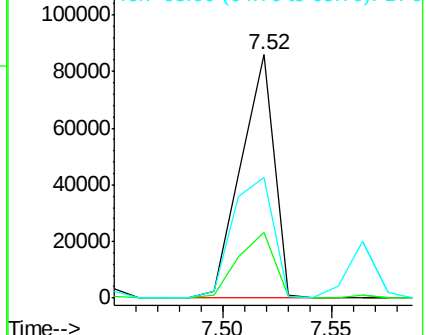
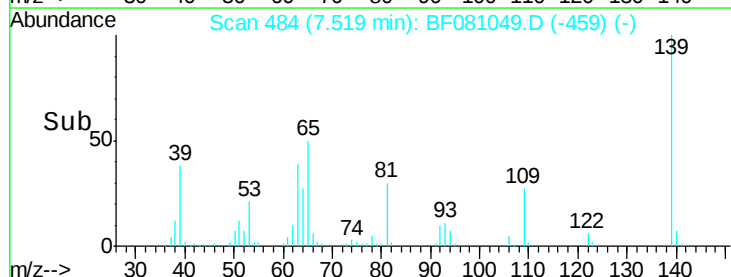
139 100

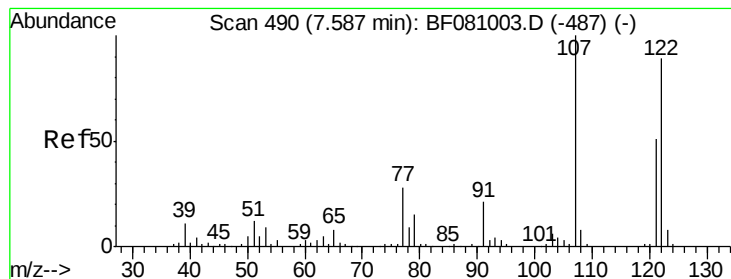
109 27.2 32.1 48.1#

65 49.6 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: 32.71 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

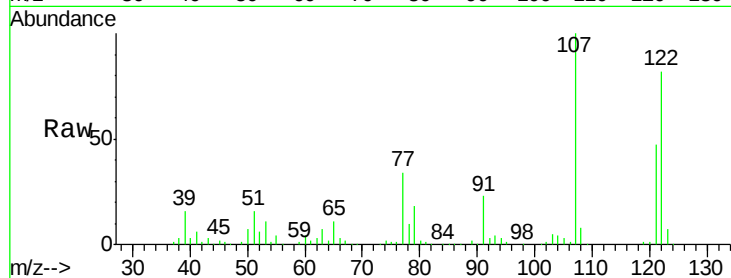
Tot Ion:122 Resp: 153987

Ion Ratio Lower Upper

122 100

107 122.7 103.8 155.6

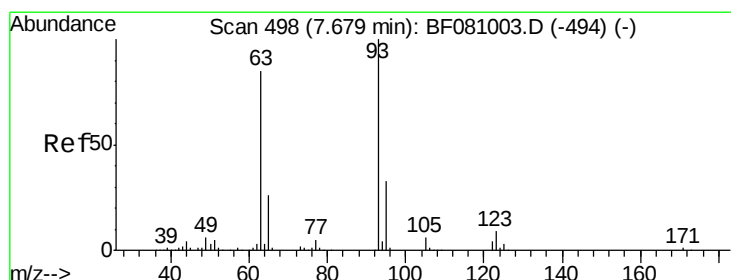
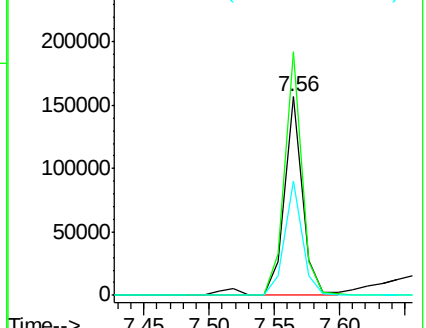
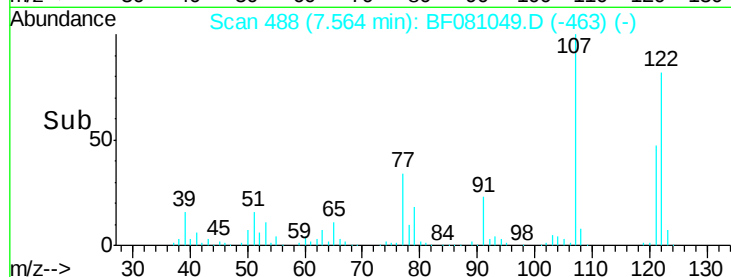
121 57.6 47.0 70.4



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: 30.89 ng

RT: 7.66 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

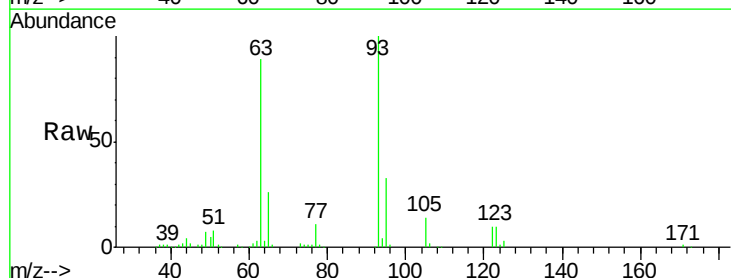
Tgt Ion: 93 Resp: 208217

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

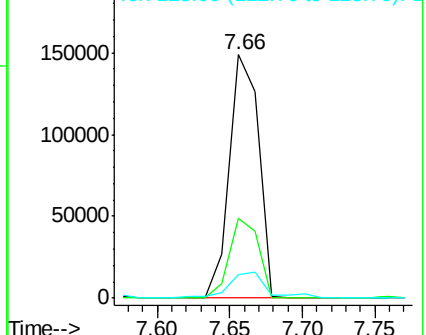
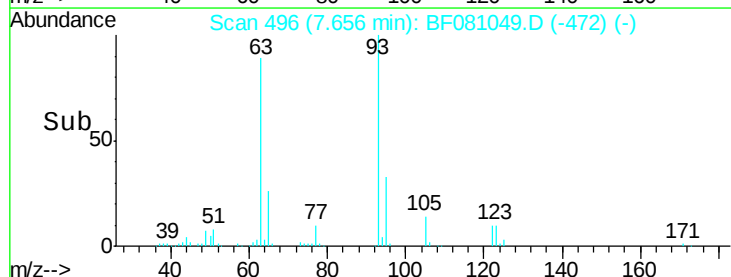
123 9.9 7.4 11.0

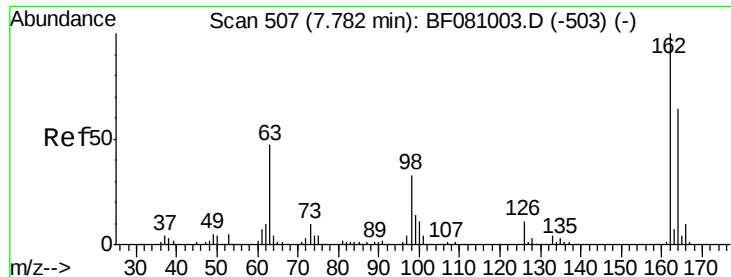


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

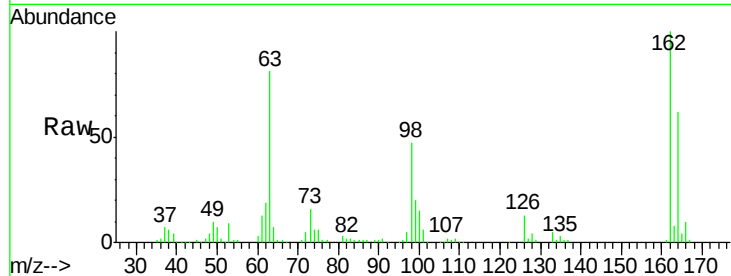




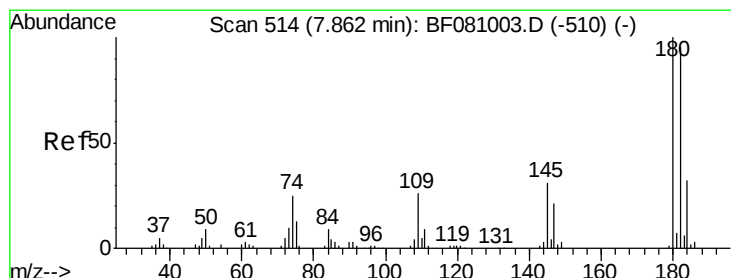
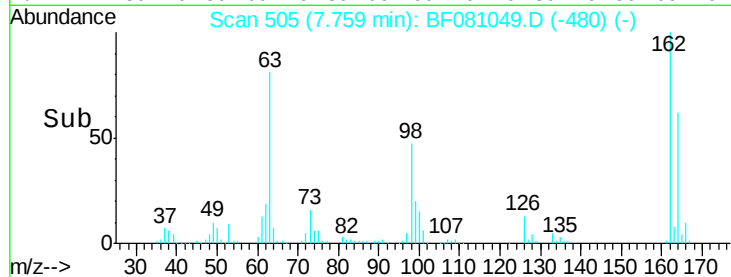
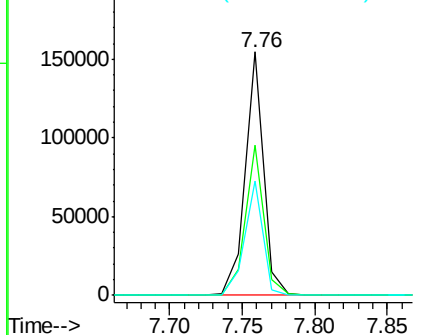
#29
 2,4-Dichlorophenol
 Concen: 34.26 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	43.2	83.2
98	46.9	12.3	52.3

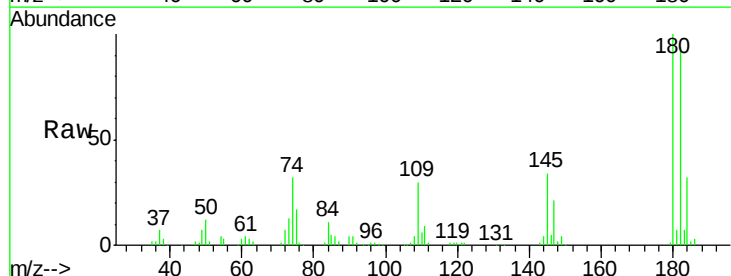


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

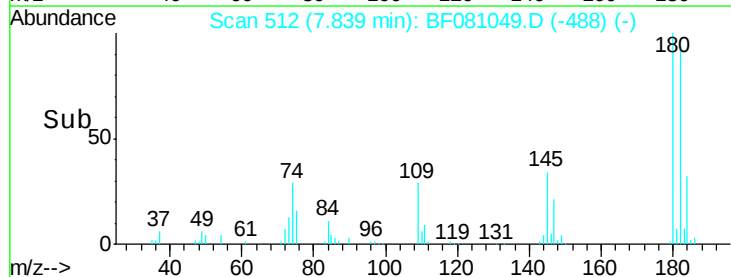
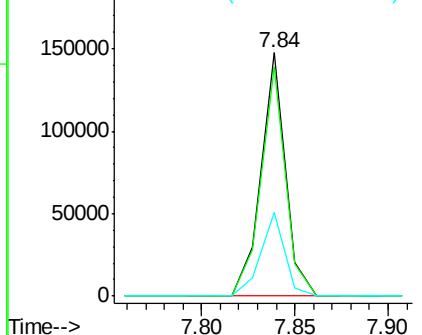


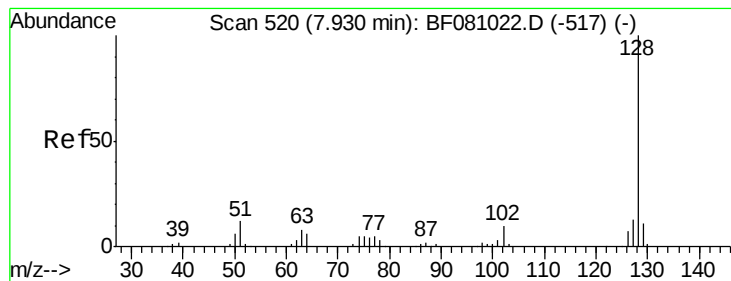
#30
 1,2,4-Trichlorobenzene
 Concen: 30.91 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.4	114.6
145	34.2	25.4	38.2



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





#31

Naphthalene

Concen: 32.51 ng

RT: 7.92 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

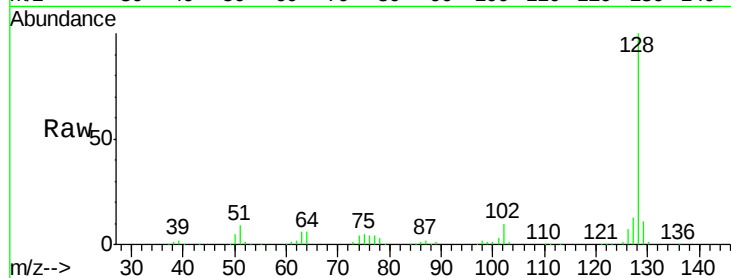
Tot Ion:128 Resp: 506599

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

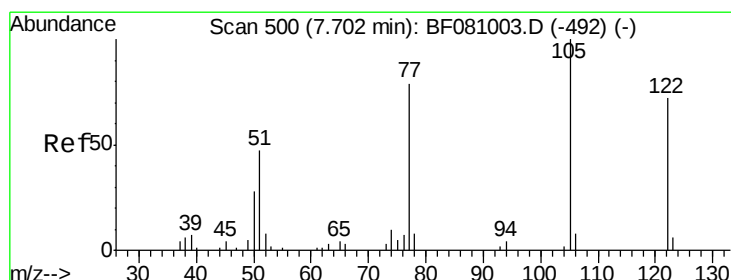
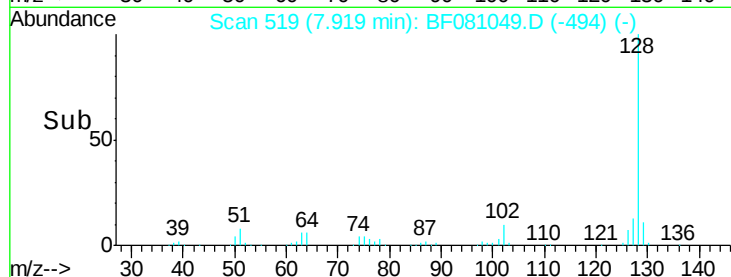
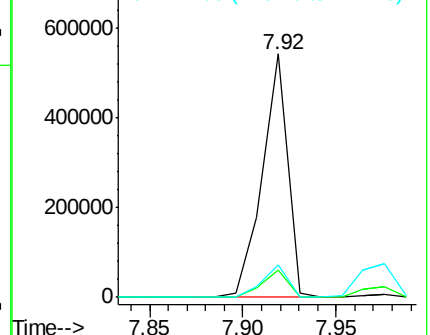
127 13.3 10.6 16.0



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: 40.80 ng

RT: 7.70 min Scan# 500

Delta R.T. 0.05 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

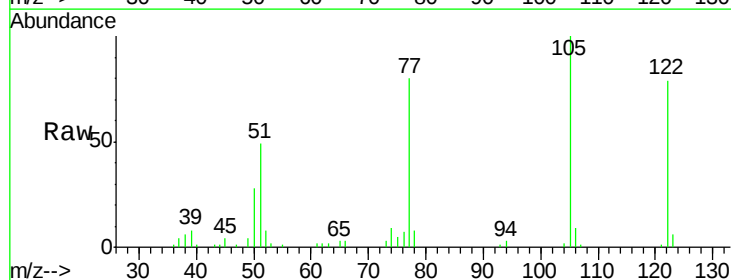
Tgt Ion:122 Resp: 108032

Ion Ratio Lower Upper

122 100

105 127.0 113.8 153.8

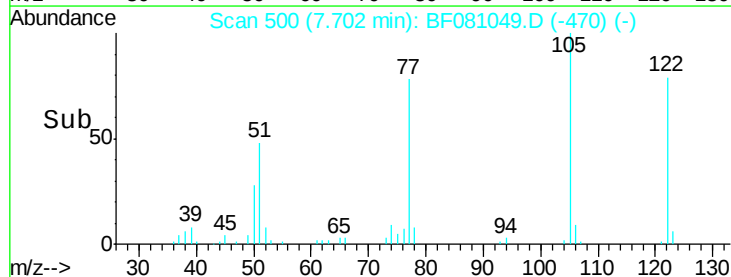
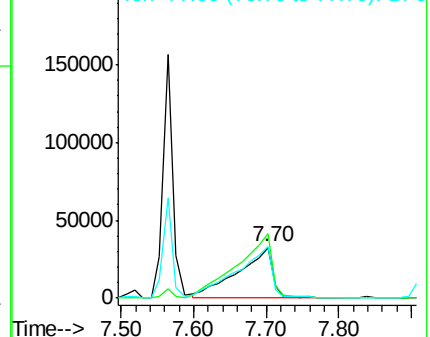
77 101.2 93.8 133.8

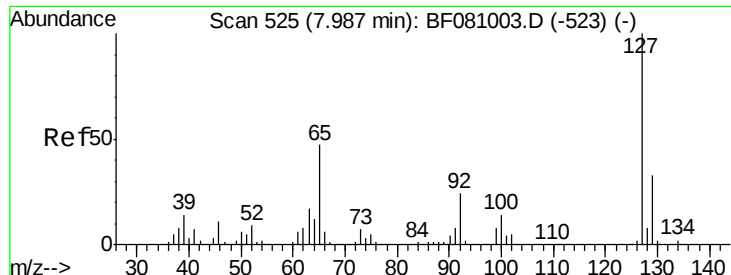


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

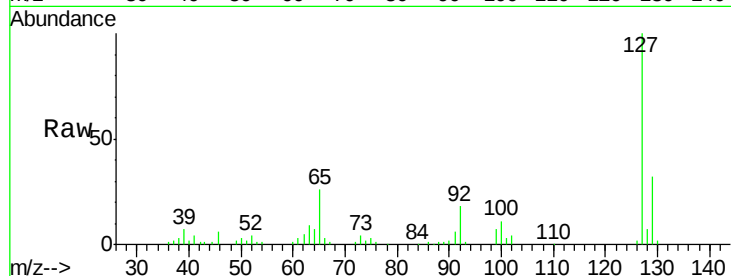




#33
4-Chloroaniline
Concen: 15.52 ng
RT: 7.98 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.2	37.8
65	26.4	37.8	56.6#
92	17.8	19.5	29.3#



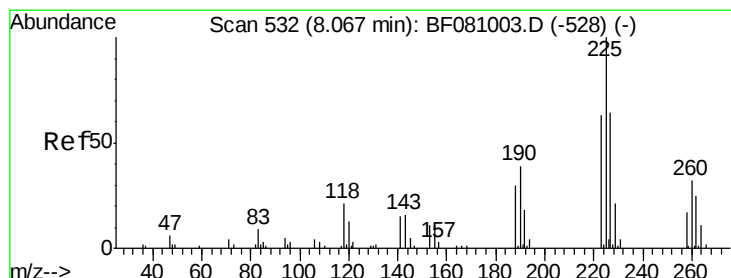
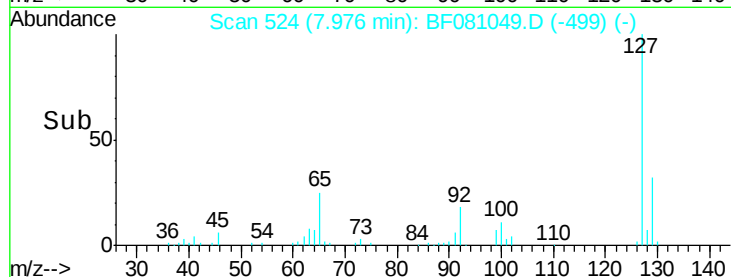
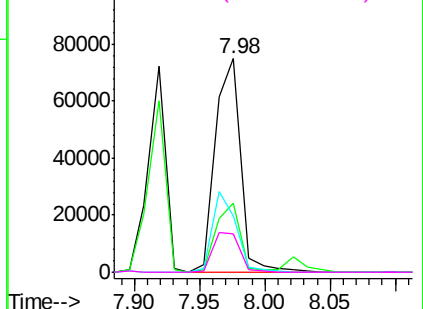
Abundance

Ion 129.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

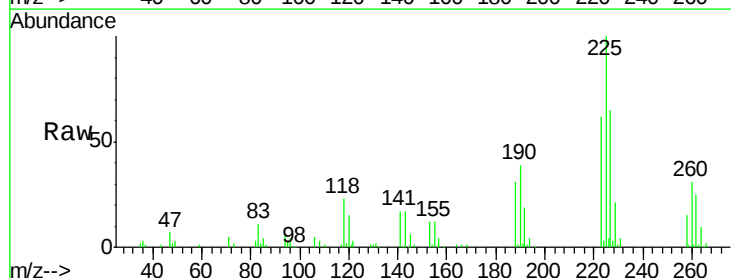
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 31.50 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	52.6	79.0
227	65.3	51.1	76.7

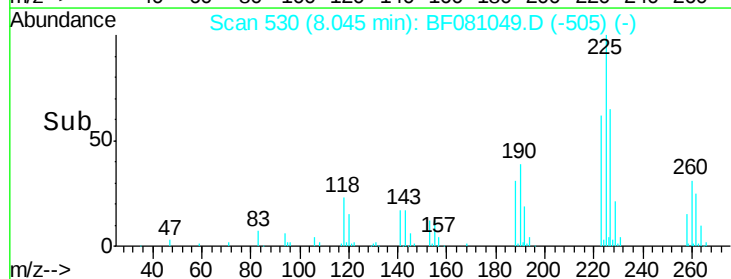
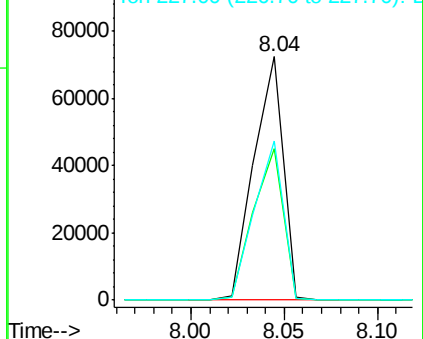


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

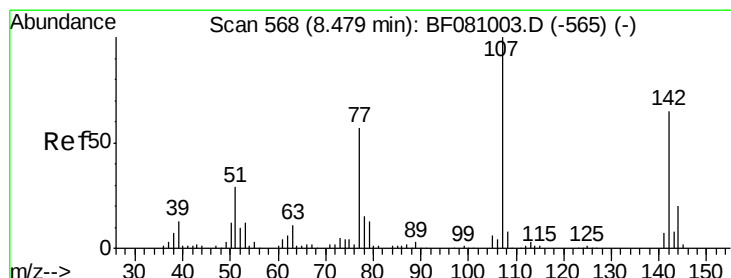
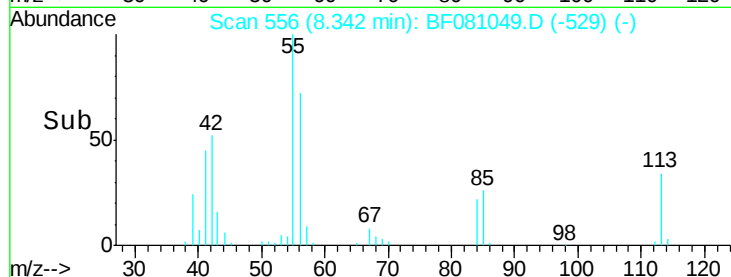
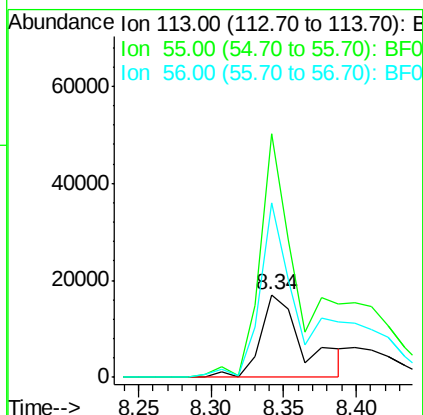
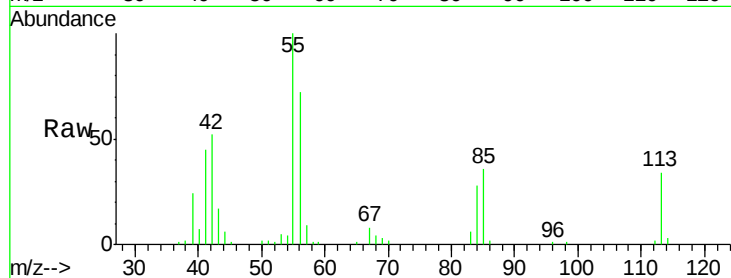




#35
 Caprolactam
 Concen: 25.38 ng
 RT: 8.34 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

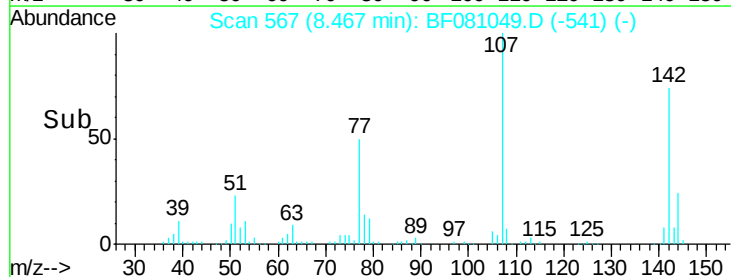
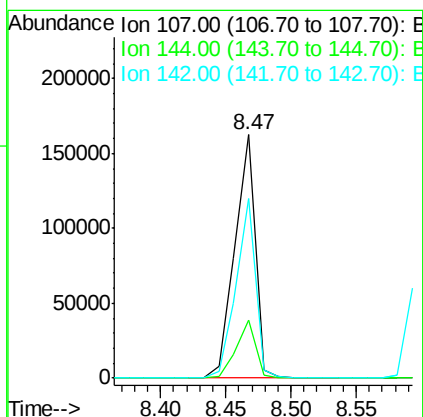
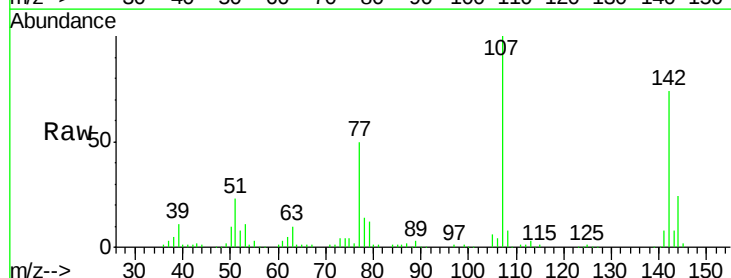
Instrument :
 BNA_F
 ClientSampleId :

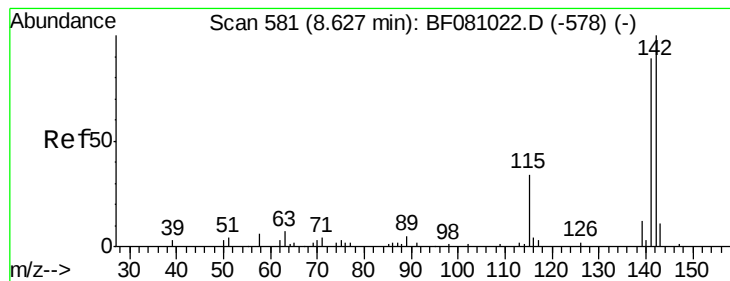
Tot Ion:113 Resp: 35155
 Ion Ratio Lower Upper
 113 100
 55 295.4 280.4 320.4
 56 212.3 205.9 245.9



#36
 4-Chloro-3-methylphenol
 Concen: 37.52 ng
 RT: 8.47 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Tgt Ion:107 Resp: 177187
 Ion Ratio Lower Upper
 107 100
 144 23.8 17.2 25.8
 142 74.0 54.9 82.3

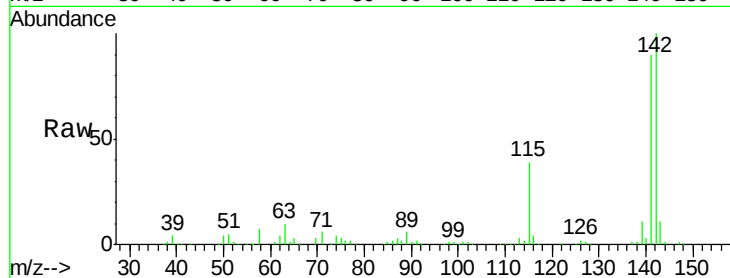




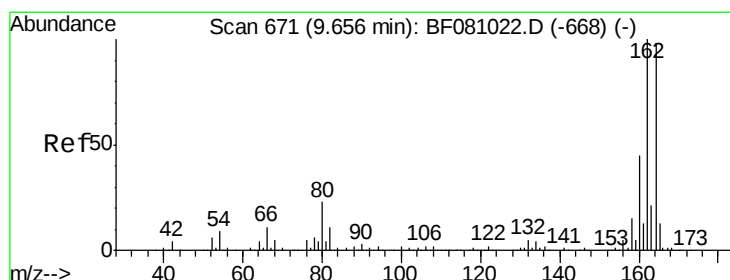
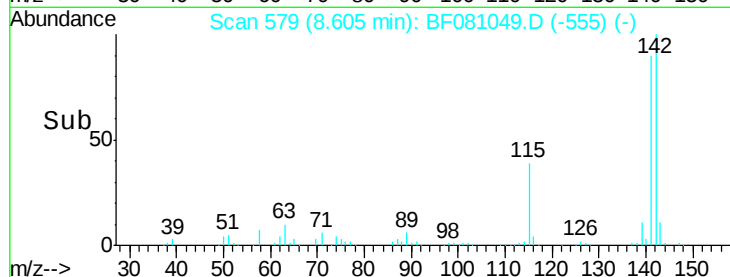
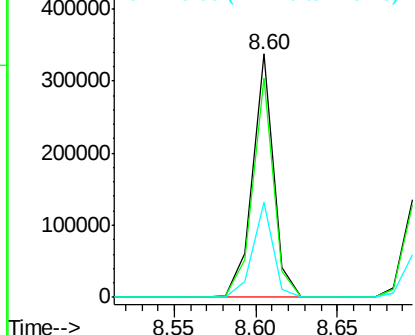
#37
 2-Methylnaphthalene
 Concen: 30.78 ng
 RT: 8.60 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.2
115	39.3	33.4	50.0

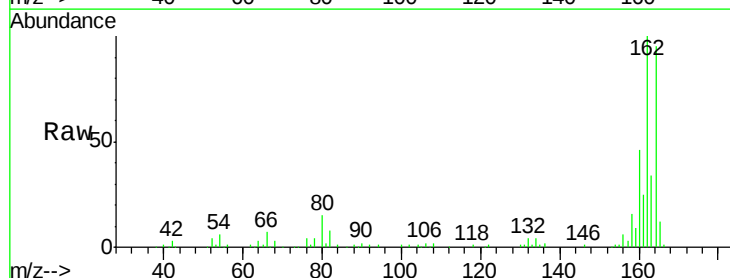


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

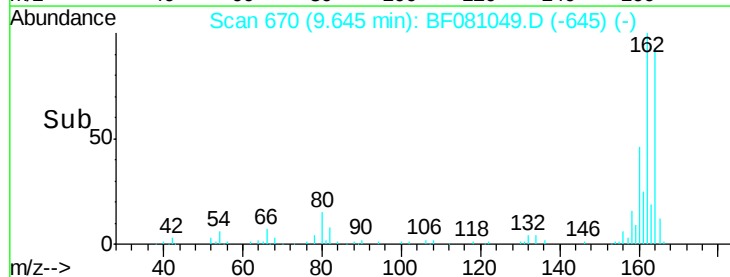
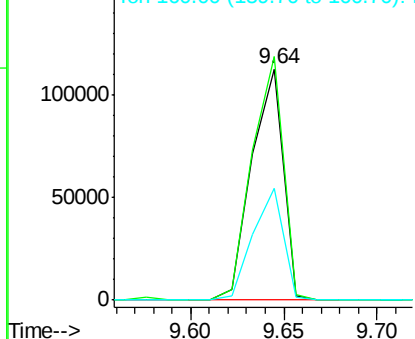


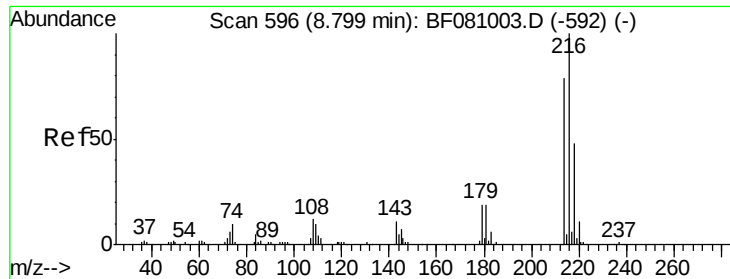
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.8	125.8
160	48.6	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

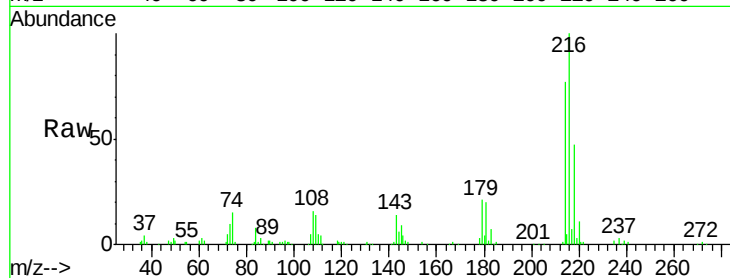




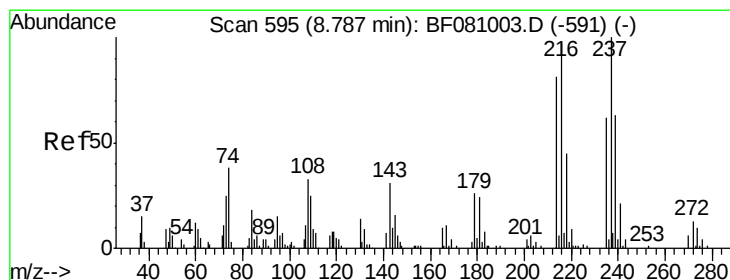
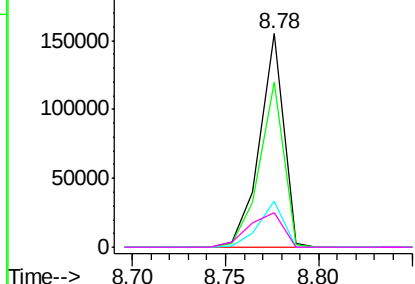
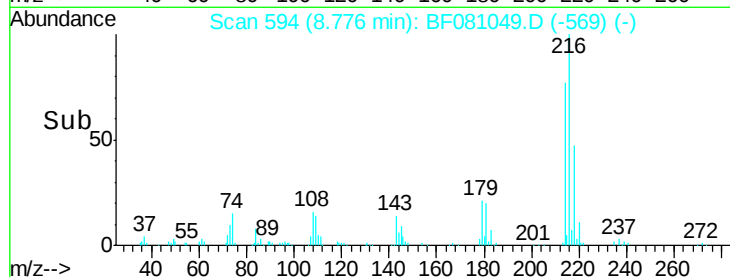
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.67 ng
 RT: 8.78 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	138101
Ion Ratio	Lower	Upper
216	100	
214	78.3	63.8 95.8
179	22.5	17.8 26.8
108	23.2	16.2 24.2

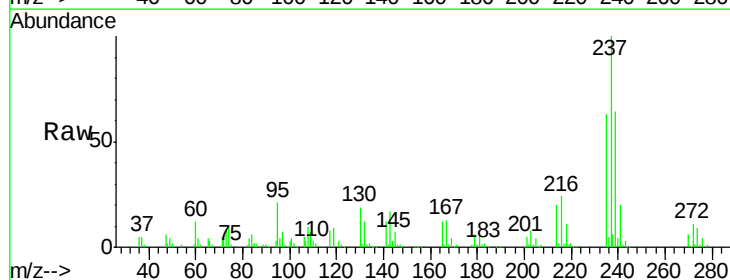


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

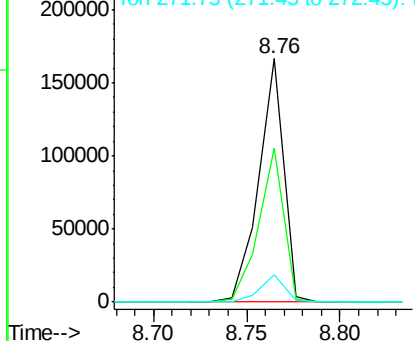
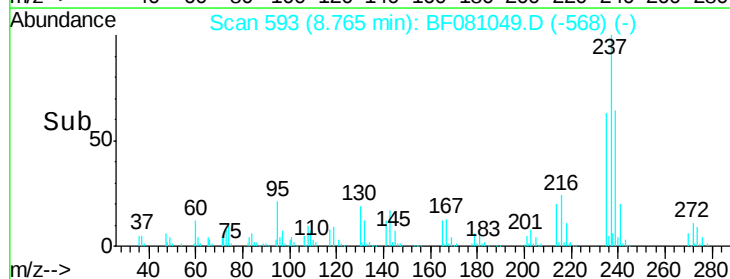


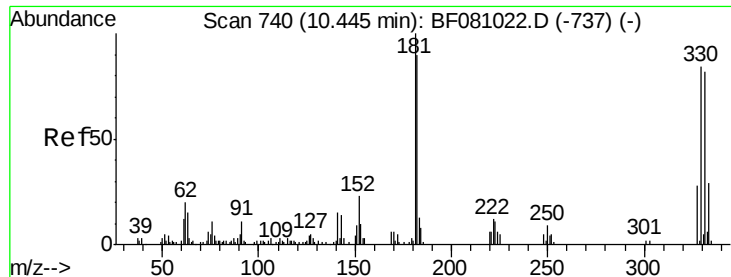
#40
 Hexachlorocyclopentadiene
 Concen: 70.35 ng
 RT: 8.76 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Tgt Ion:237	Resp:	153907
Ion Ratio	Lower	Upper
237	100	
235	63.3	43.6 83.6
272	11.3	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

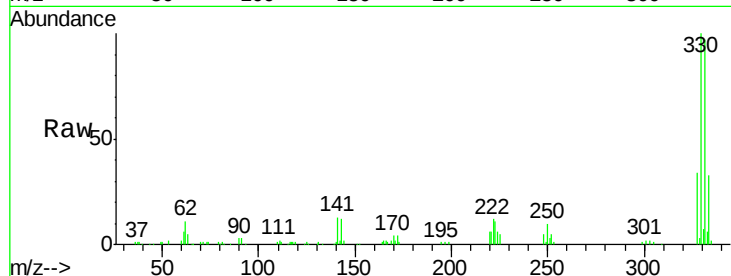




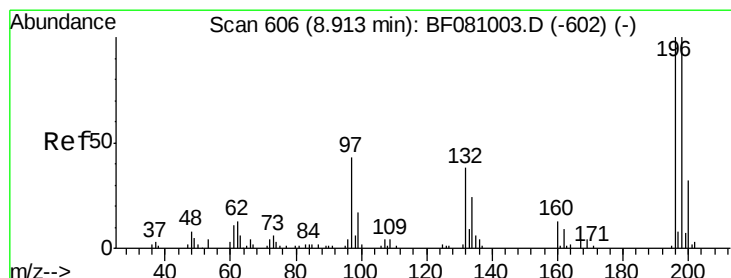
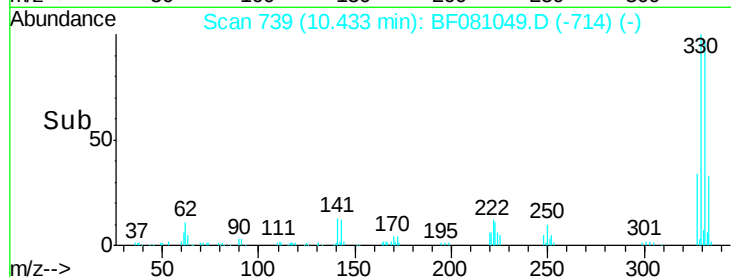
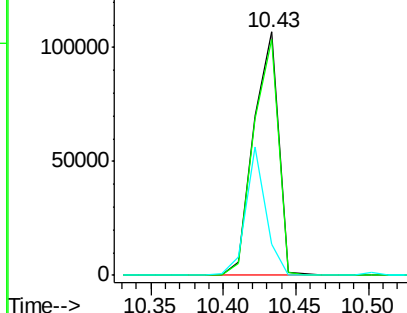
#41
 2,4,6-Tribromophenol
 Concen: 111.79 ng
 RT: 10.43 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 126947
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 43.0 44.9 67.3#

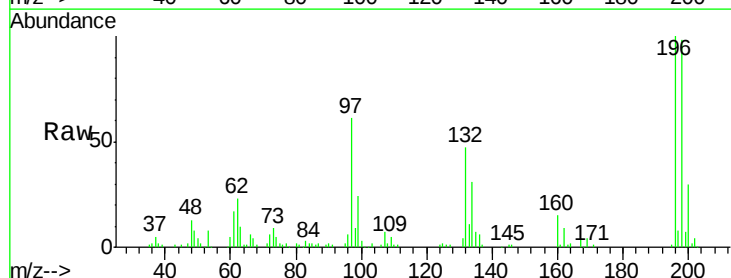


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

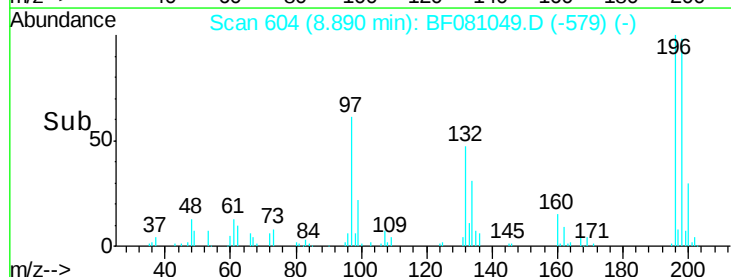
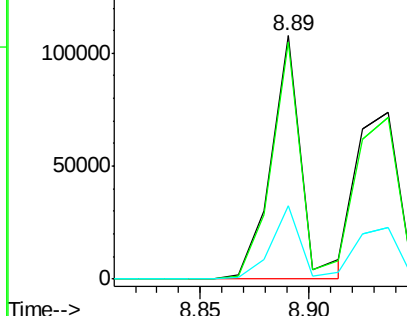


#42
 2,4,6-Trichlorophenol
 Concen: 35.08 ng
 RT: 8.89 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Tgt Ion:196 Resp: 104744
 Ion Ratio Lower Upper
 196 100
 198 97.7 74.6 111.8
 200 30.1 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

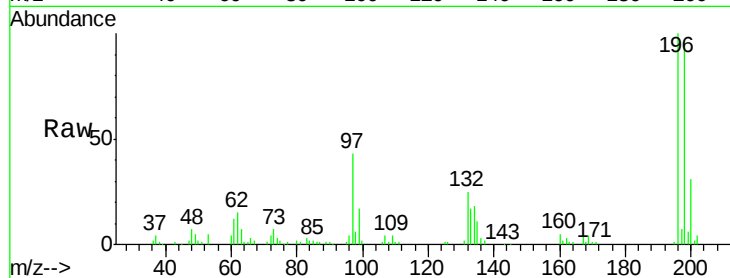




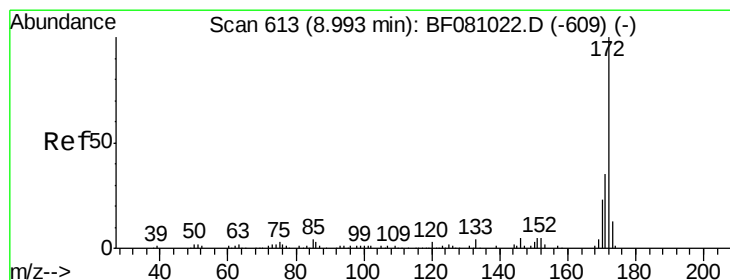
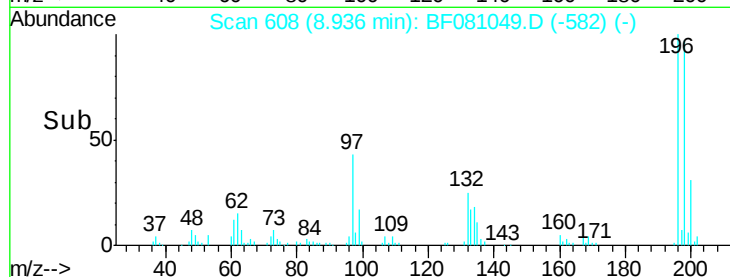
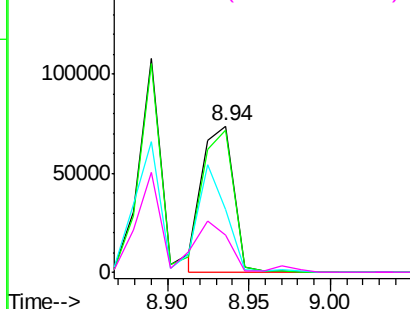
#43
 2,4,5-Trichlorophenol
 Concen: 33.18 ng
 RT: 8.94 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	78.3	117.5
97	42.6	42.7	64.1#
132	25.1	23.3	34.9

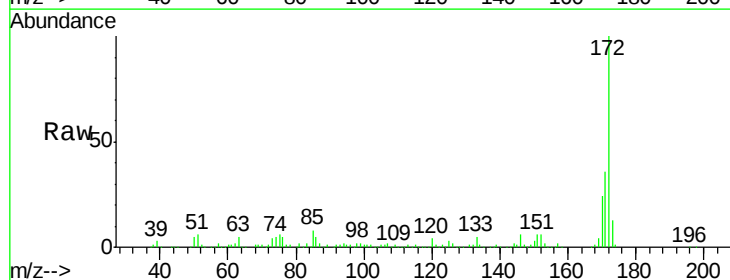


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

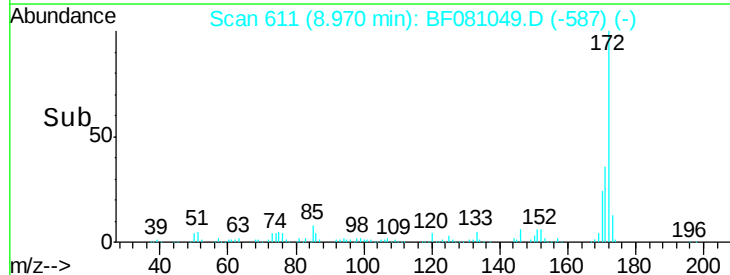
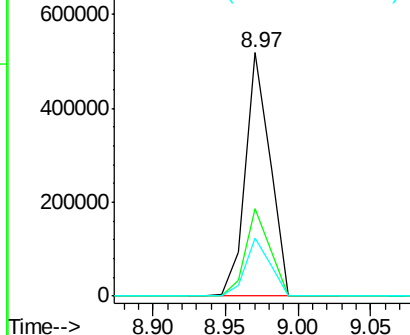


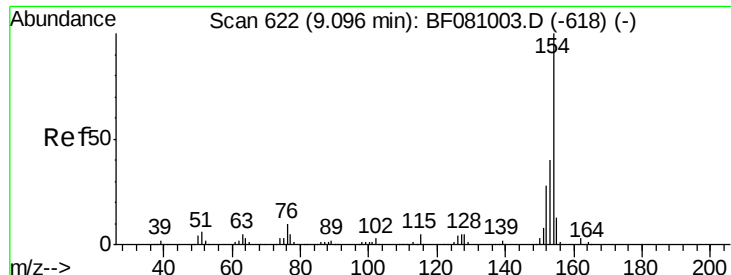
#44
 2-Fluorobiphenyl
 Concen: 60.97 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.9	19.4	29.2



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





#45

1,1'-Biphenyl

Concen: 35.86 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

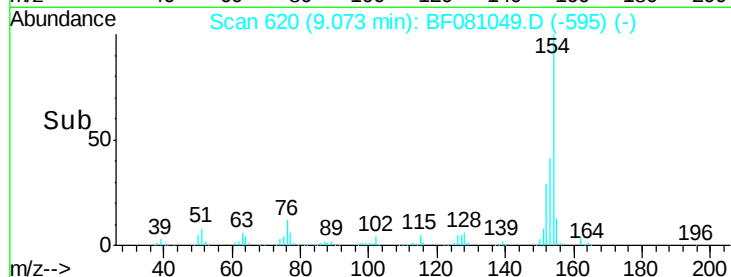
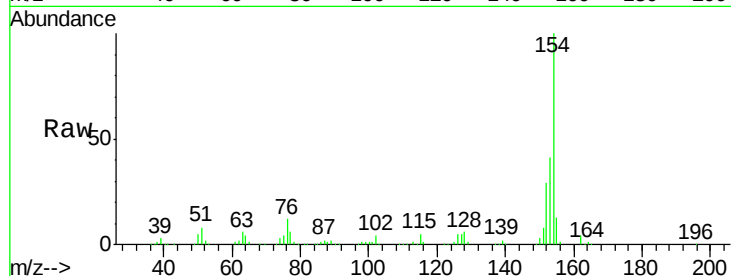
Tot Ion:154 Resp: 413821

Ion Ratio Lower Upper

154 100

153 40.7 19.5 59.5

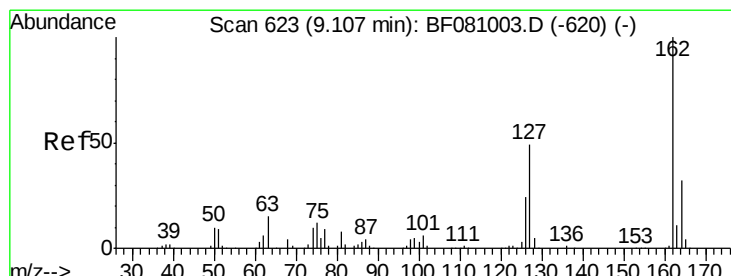
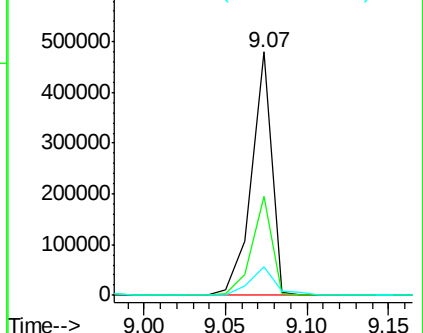
76 11.6 0.0 29.3



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: 30.95 ng

RT: 9.10 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

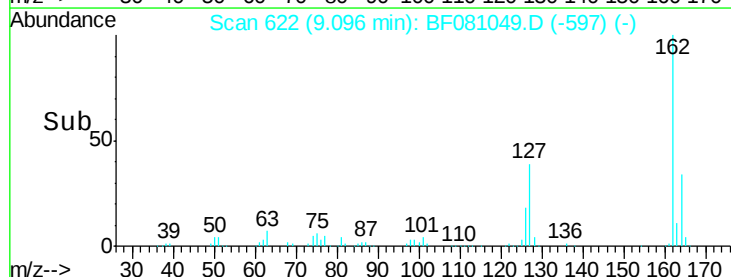
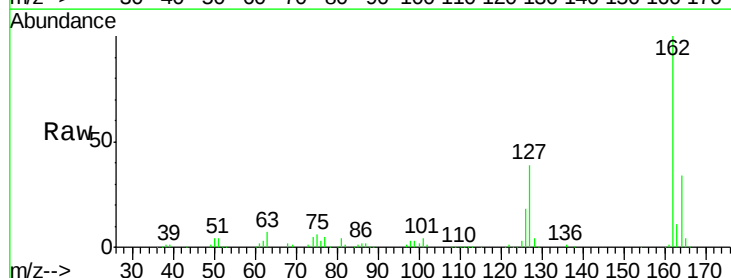
Tgt Ion:162 Resp: 286867

Ion Ratio Lower Upper

162 100

127 38.5 31.3 46.9

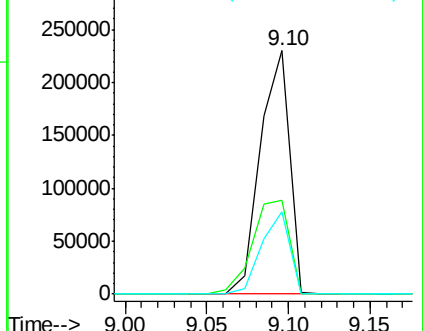
164 33.9 26.3 39.5



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: 29.53 ng

RT: 9.19 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampled :

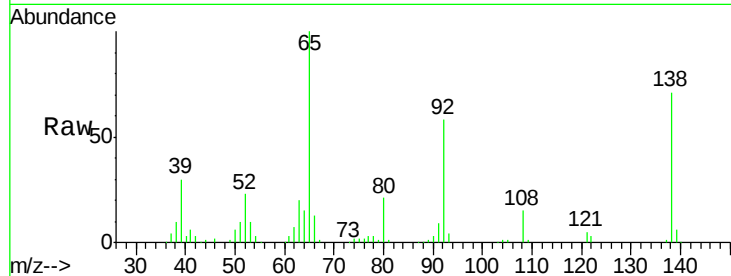
Tot Ion: 65 Resp: 112017

Ion Ratio Lower Upper

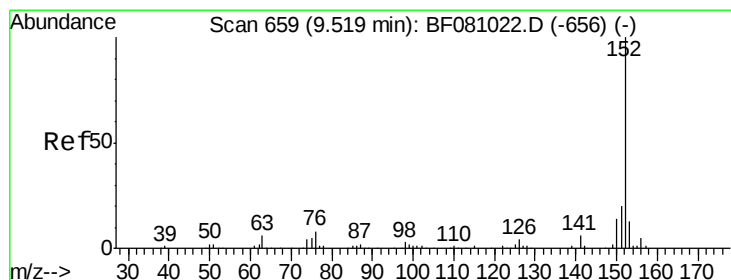
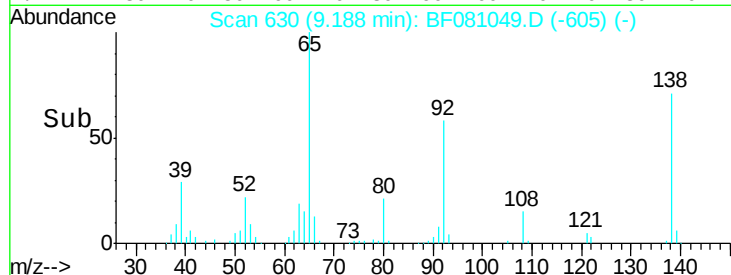
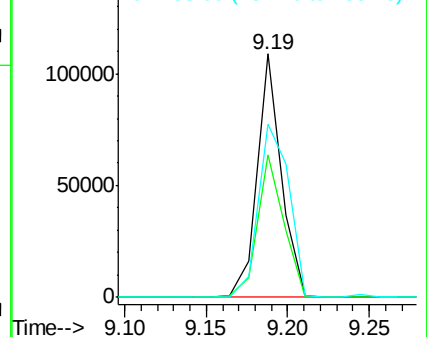
65 100

92 58.4 45.6 68.4

138 71.0 57.9 86.9



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



#48

Acenaphthylene

Concen: 29.00 ng

RT: 9.51 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

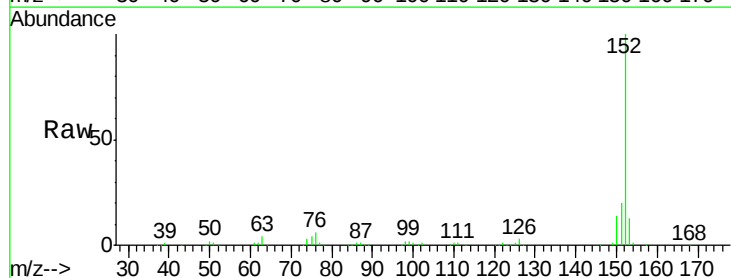
Tgt Ion: 152 Resp: 480917

Ion Ratio Lower Upper

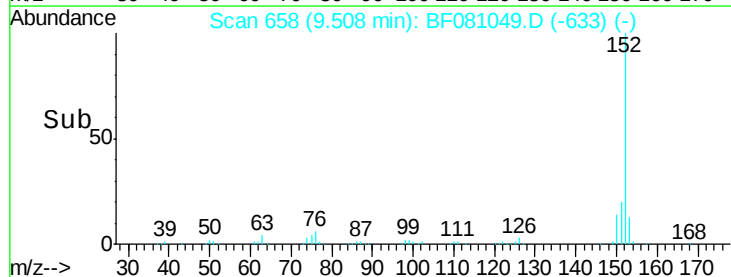
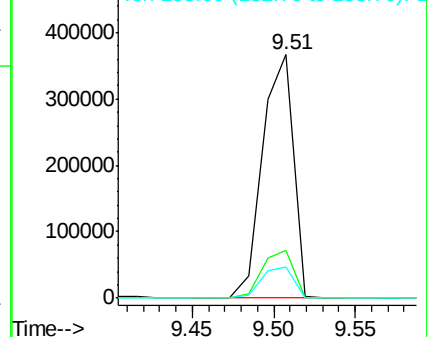
152 100

151 19.9 16.1 24.1

153 13.0 9.8 14.6



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

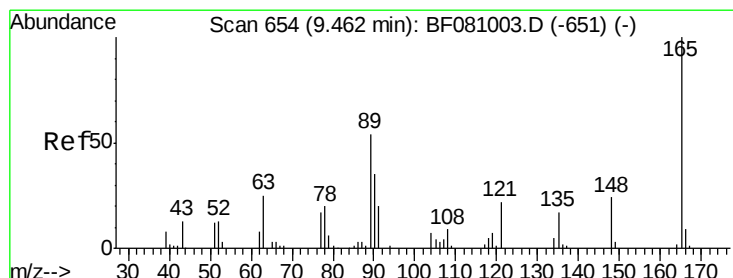
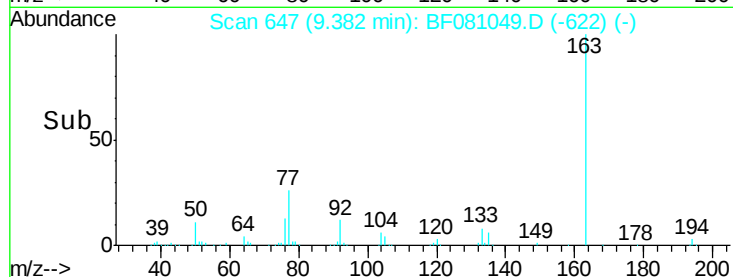
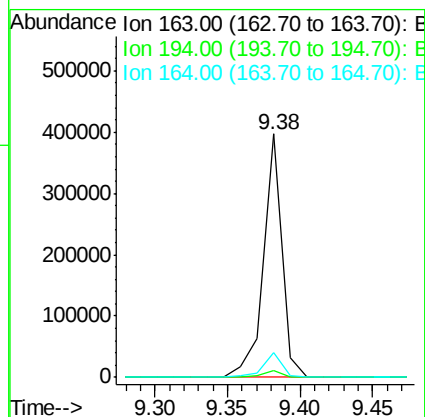
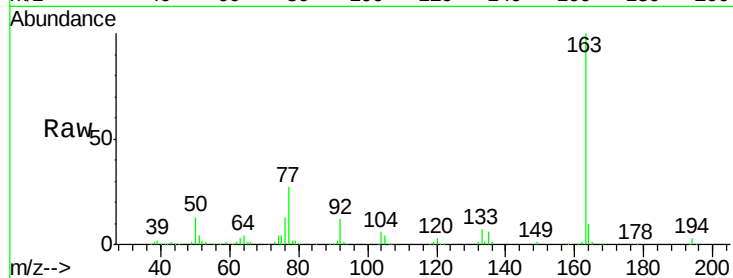




#49
Dimethylphthalate
Concen: 32.54 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

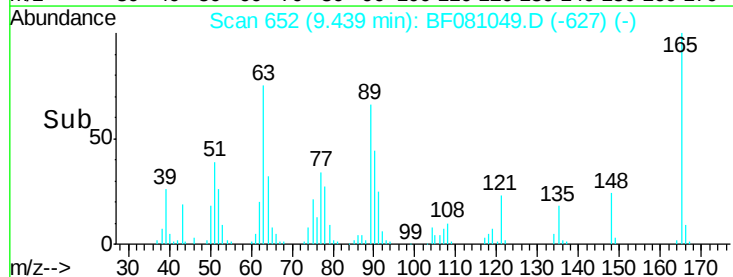
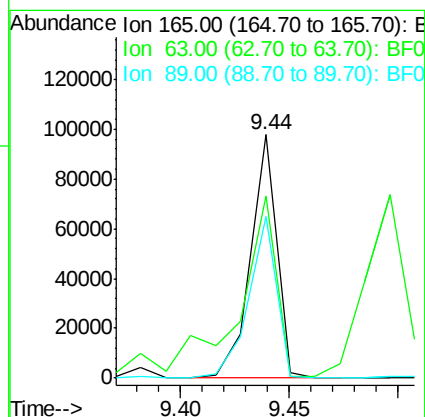
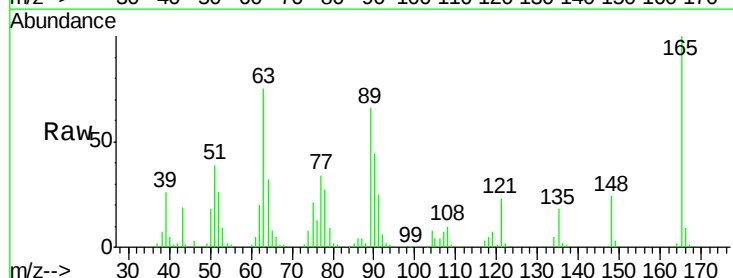
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 351078
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 10.3 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 35.18 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Tgt Ion:165 Resp: 81493
Ion Ratio Lower Upper
165 100
63 74.8 49.5 74.3#
89 66.4 47.6 71.4





#51

Acenaphthene

Concen: 31.22 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

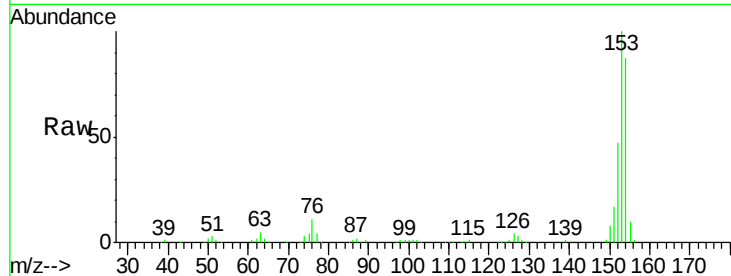
Tot Ion:154 Resp: 309984

Ion Ratio Lower Upper

154 100

153 115.4 91.4 137.2

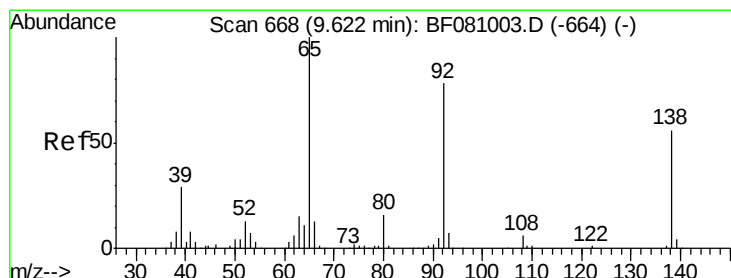
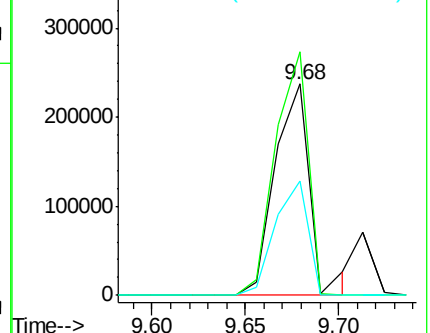
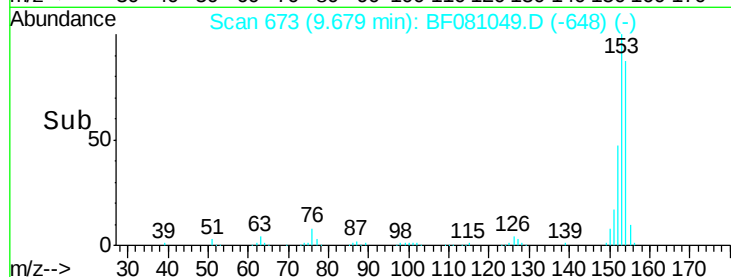
152 54.2 43.7 65.5



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: 19.69 ng

RT: 9.60 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

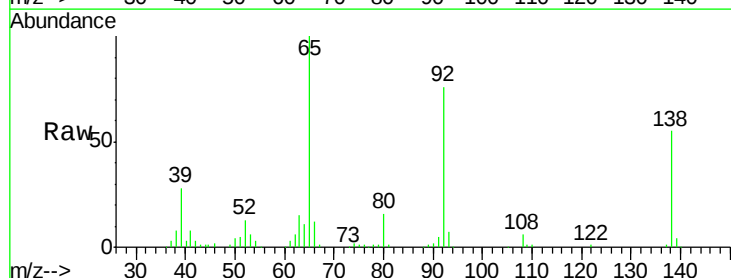
Tgt Ion:138 Resp: 57061

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.2

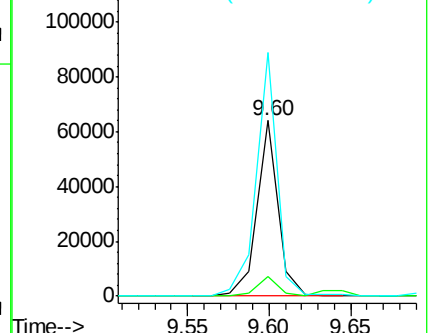
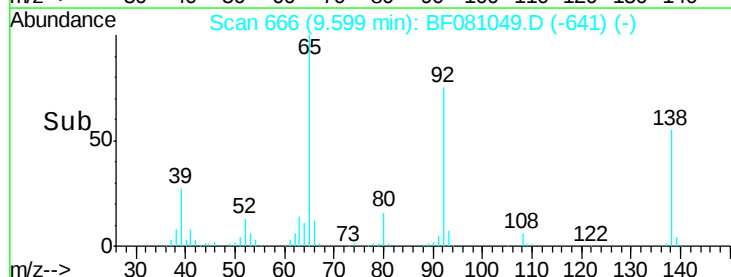
92 138.9 113.2 169.8

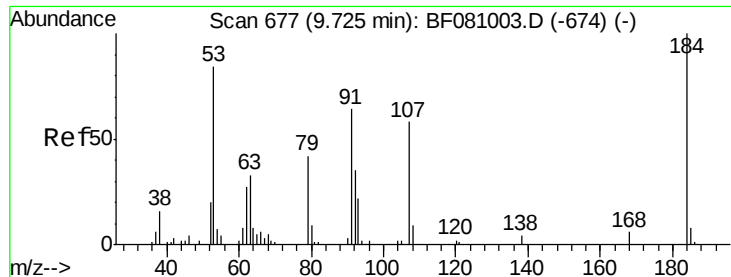


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

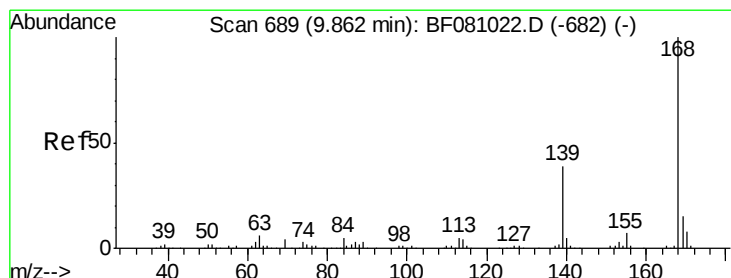
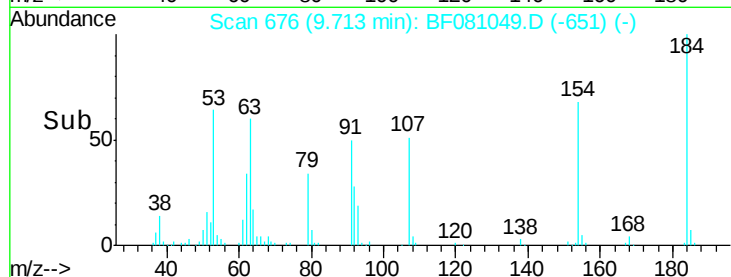
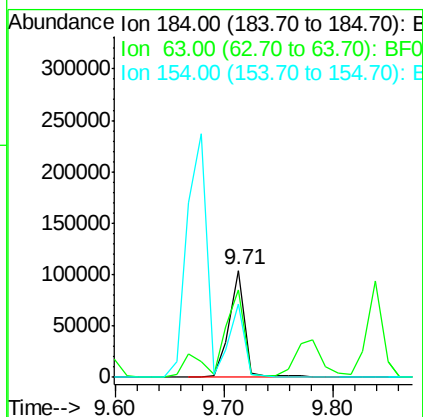
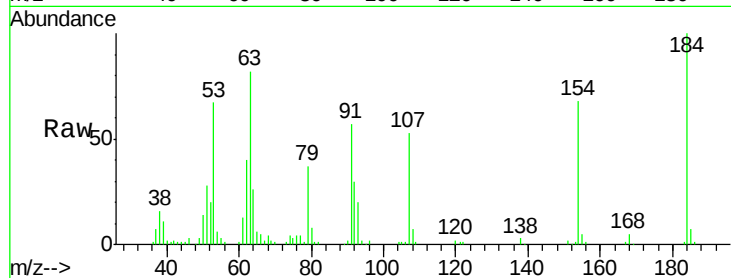




#53
 2,4-Dinitrophenol
 Concen: 79.71 ng
 RT: 9.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

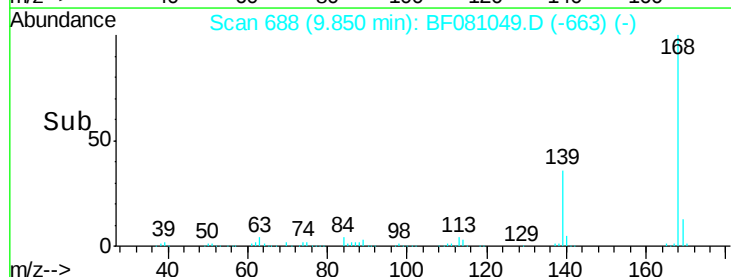
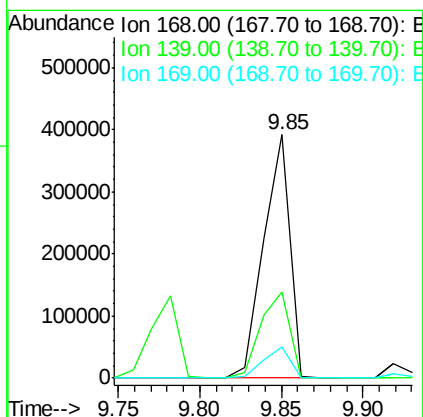
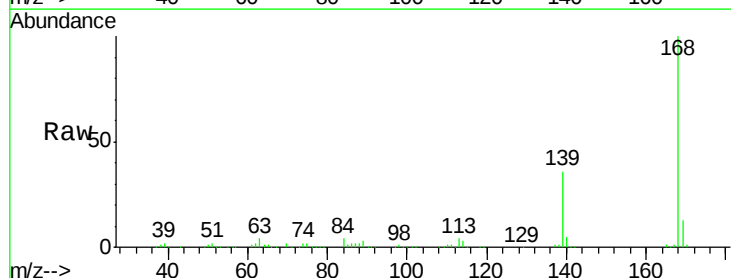
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 103036
 Ion Ratio Lower Upper
 184 100
 63 81.7 101.7 152.5#
 154 68.0 67.4 101.0



#54
 Dibenzofuran
 Concen: 32.93 ng
 RT: 9.85 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Tgt Ion:168 Resp: 438051
 Ion Ratio Lower Upper
 168 100
 139 35.6 29.3 43.9
 169 13.0 10.3 15.5





#55

4-Nitrophenol

Concen: 77.87 ng

RT: 9.78 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

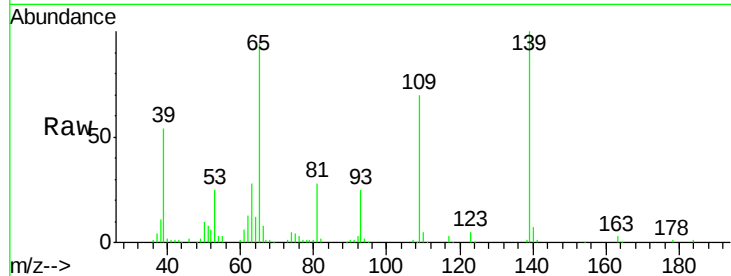
Tot Ion:139 Resp: 158531

Ion Ratio Lower Upper

139 100

109 70.1 80.0 120.0#

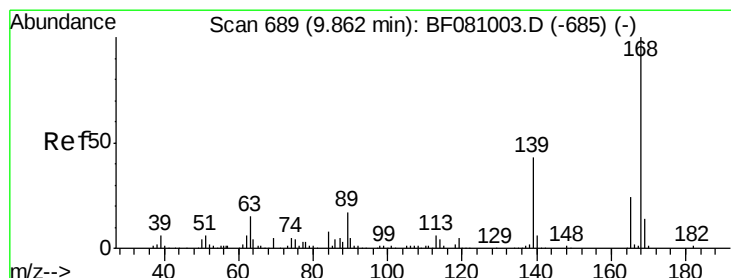
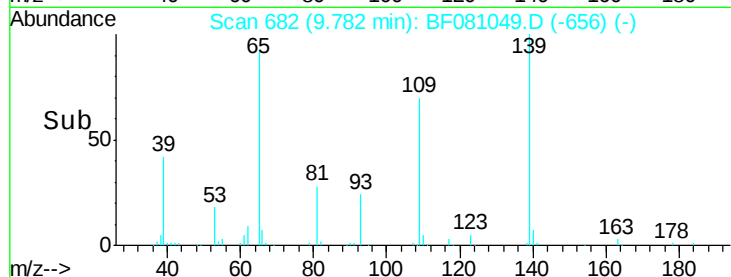
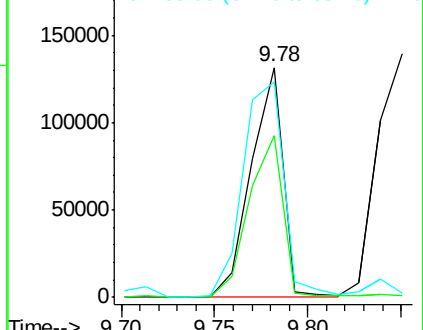
65 94.0 138.3 178.3#



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: 33.96 ng

RT: 9.84 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Tgt Ion:165 Resp: 104275

Ion Ratio Lower Upper

165 100

63 78.1 52.2 78.4

89 100.4 60.1 90.1#

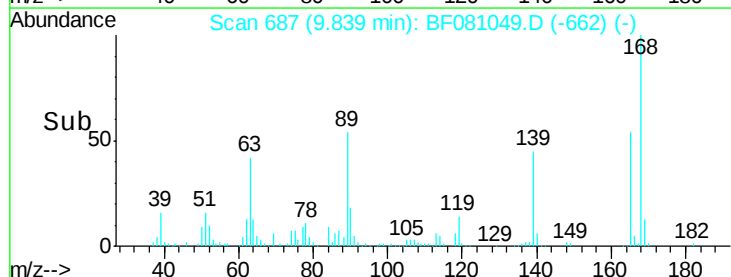
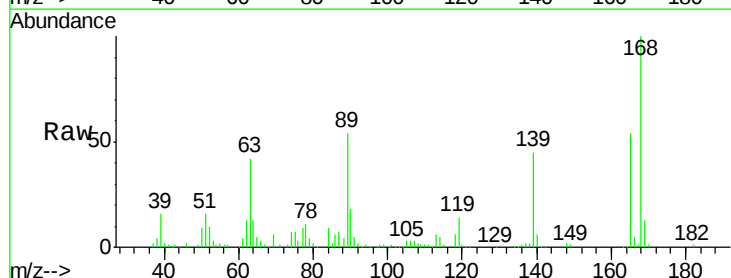
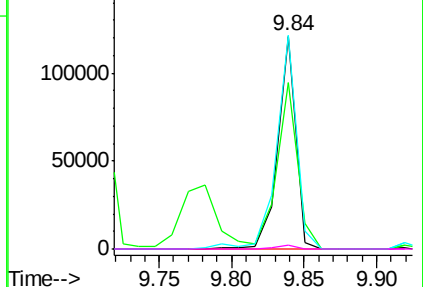
182 1.9 1.8 2.6

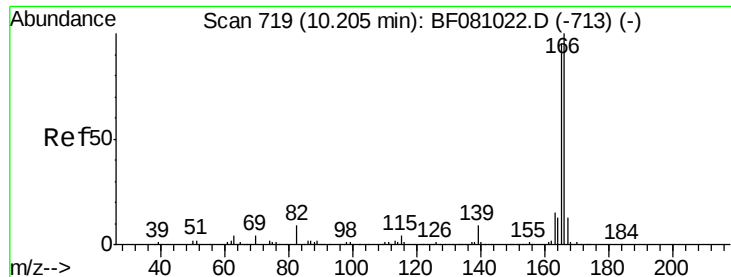
Abundance Ion 165.00 (164.70 to 165.70): E

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: 29.52 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

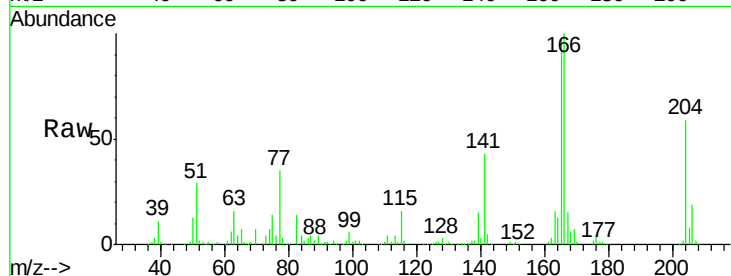
Tot Ion:166 Resp: 302074

Ion Ratio Lower Upper

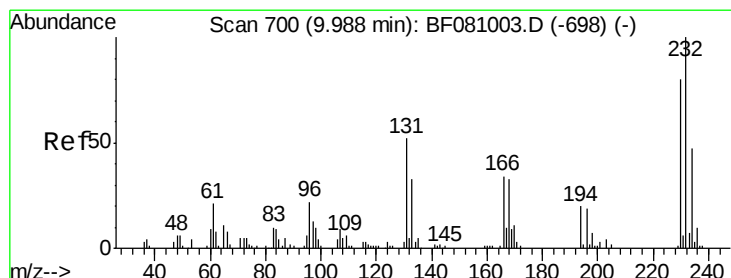
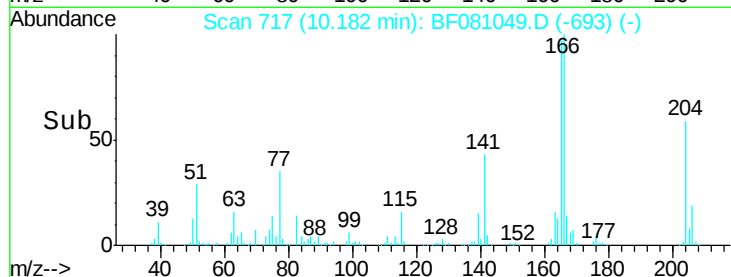
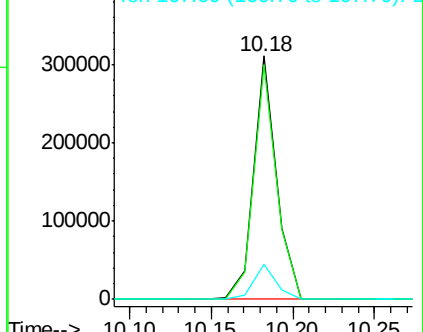
166 100

165 96.6 75.8 113.8

167 14.5 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: 34.65 ng

RT: 9.92 min Scan# 694

Delta R.T. -0.07 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Tgt Ion:232 Resp: 80026

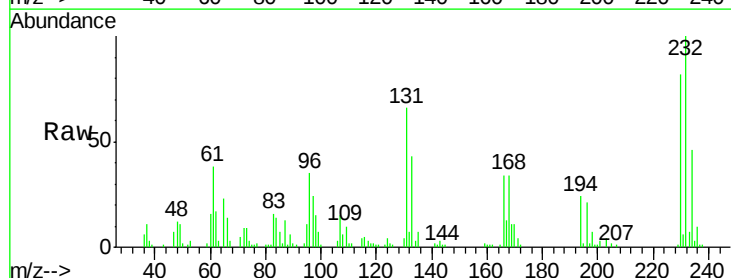
Ion Ratio Lower Upper

232 100

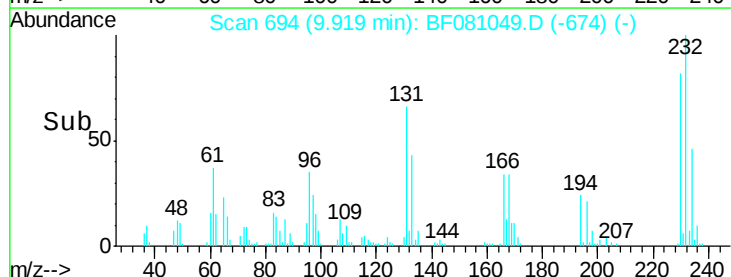
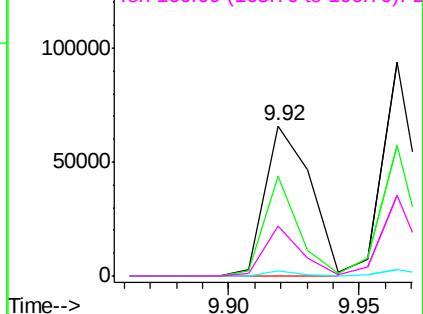
131 50.2 42.2 63.4

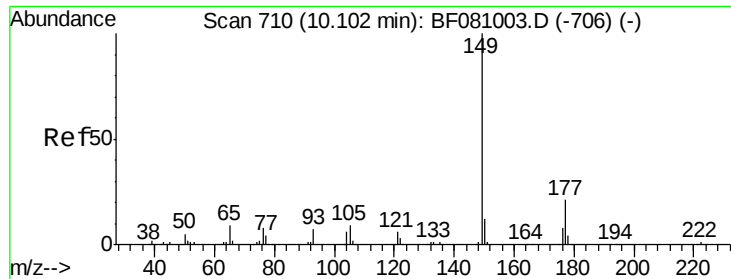
130 2.7 2.1 3.1

166 27.2 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

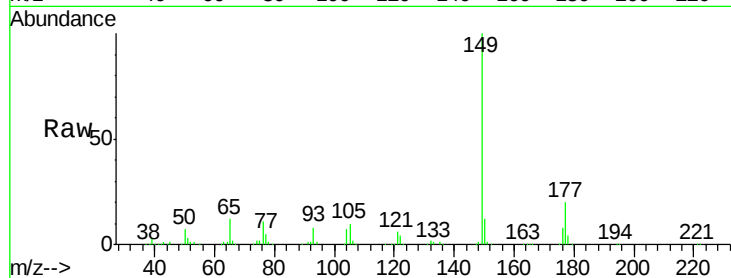




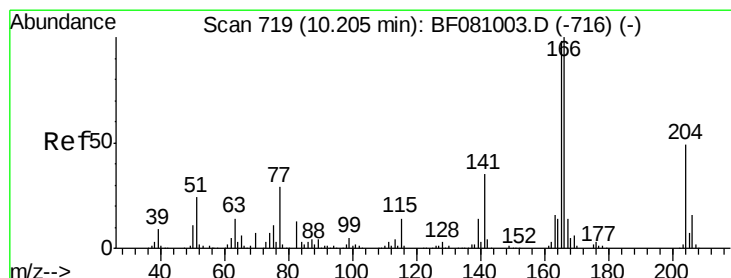
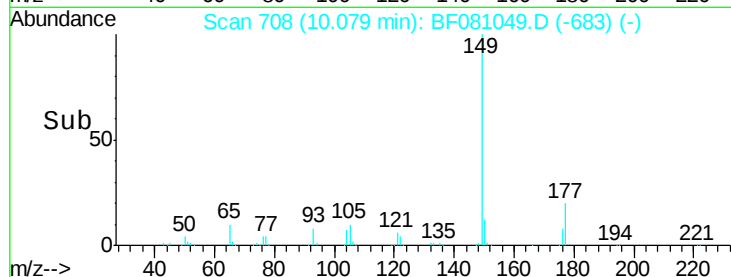
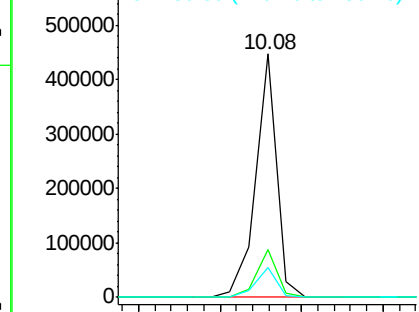
#59
Diethylphthalate
Concen: 34.78 ng
RT: 10.08 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 397129
Ion Ratio Lower Upper
149 100
177 19.7 14.1 21.1
150 12.4 10.3 15.5

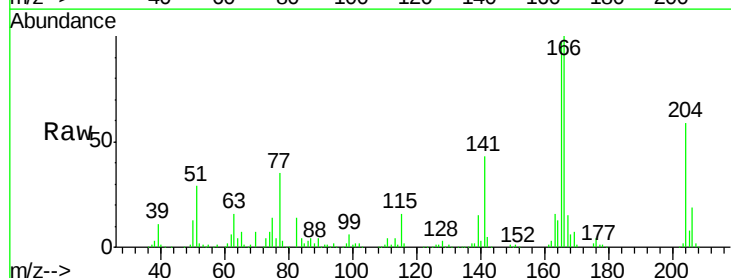


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

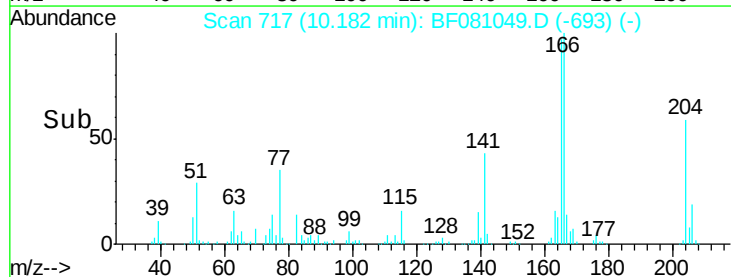
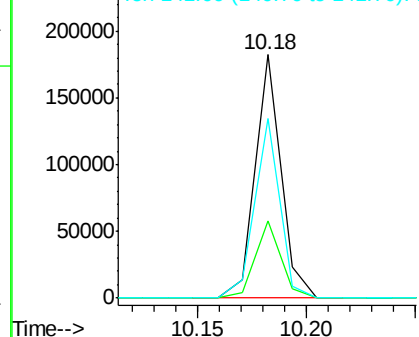


#60
4-Chlorophenyl-phenylether
Concen: 34.79 ng
RT: 10.18 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Tgt Ion:204 Resp: 150672
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.2
141 73.9 59.6 89.4



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

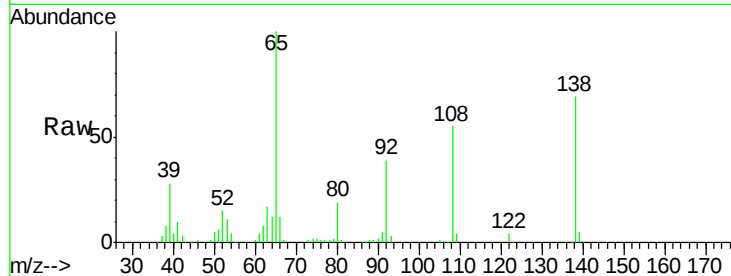




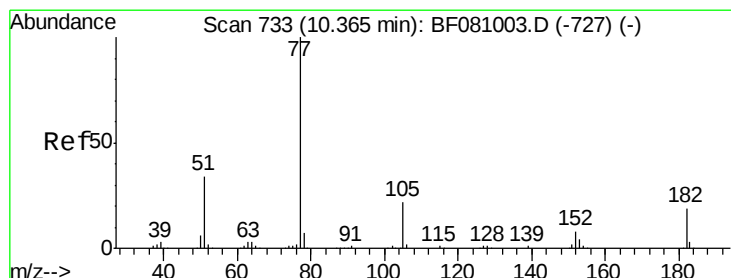
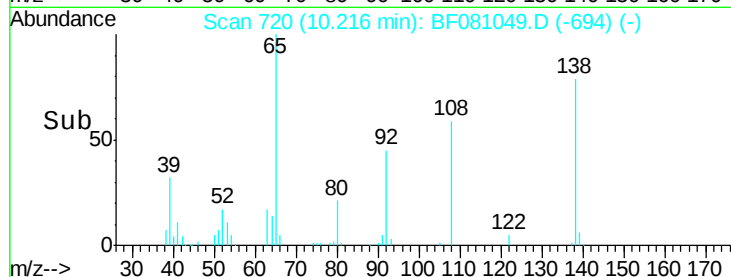
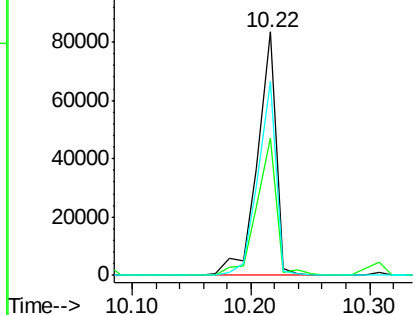
#61
4-Nitroaniline
Concen: 31.26 ng
RT: 10.22 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 92605
Ion Ratio Lower Upper
138 100
92 56.7 34.7 74.7
108 79.4 68.9 108.9

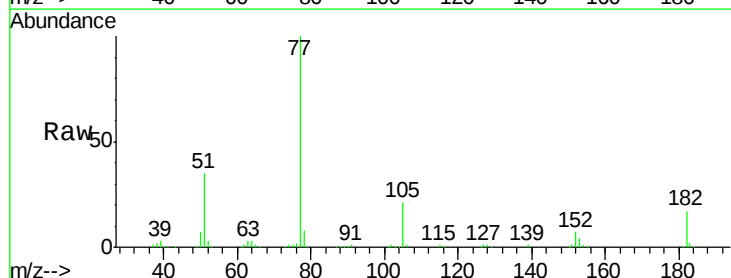


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

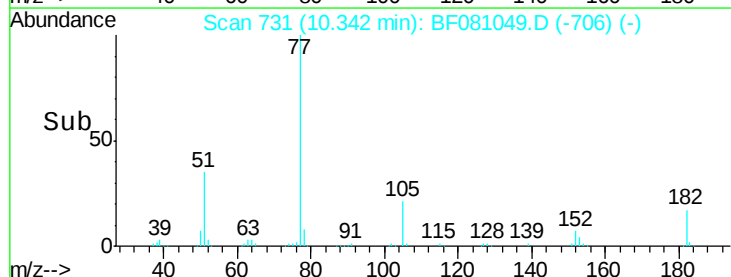
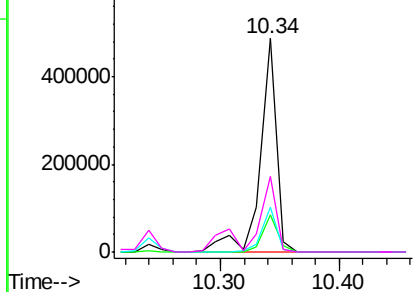


#62
Azobenzene
Concen: 35.73 ng
RT: 10.34 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Tgt Ion: 77 Resp: 470167
Ion Ratio Lower Upper
77 100
182 17.4 0.0 39.0
105 21.1 0.2 40.2
51 35.2 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: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

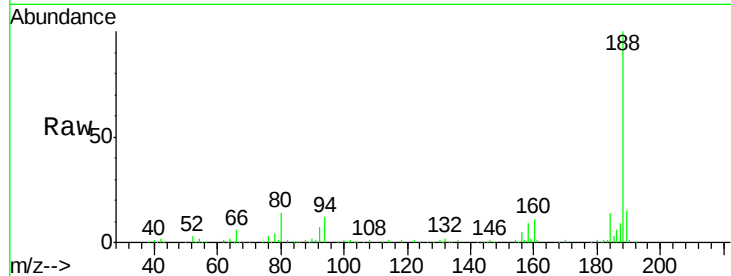
Tot Ion:188 Resp: 265677

Ion Ratio Lower Upper

188 100

94 11.9 8.2 12.2

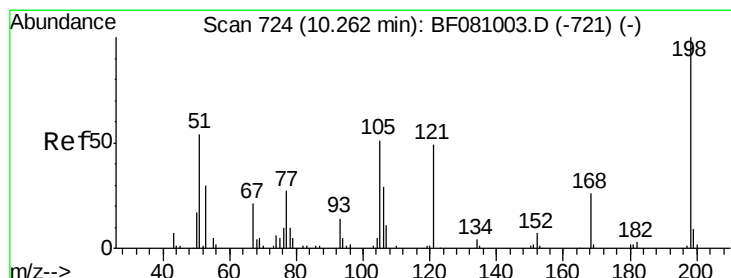
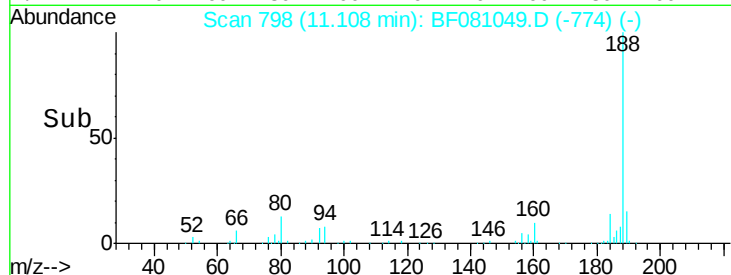
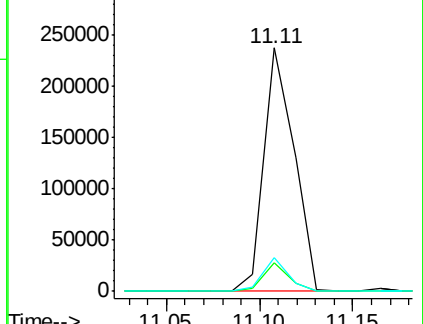
80 13.6 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 36.36 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

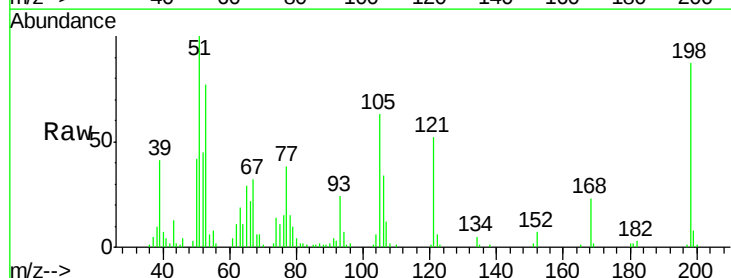
Tgt Ion:198 Resp: 57685

Ion Ratio Lower Upper

198 100

51 115.3 79.7 119.7

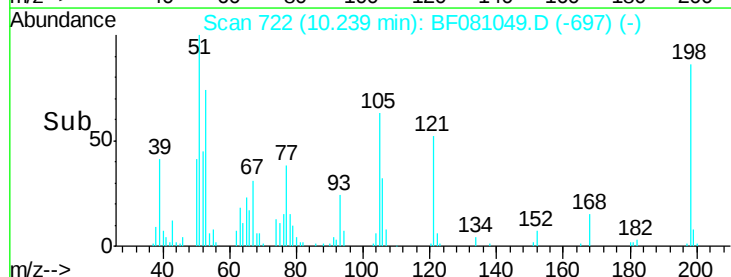
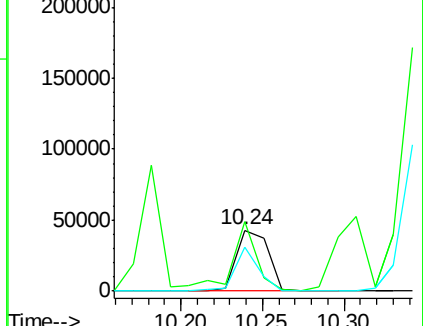
105 72.3 47.0 87.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

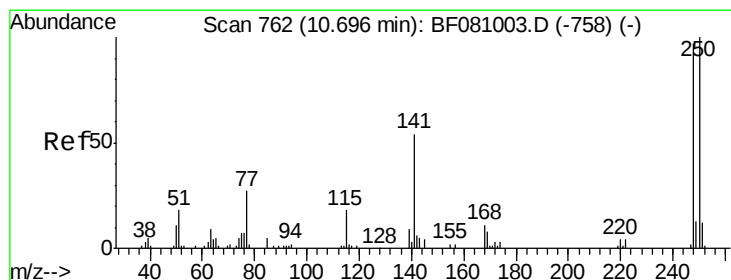
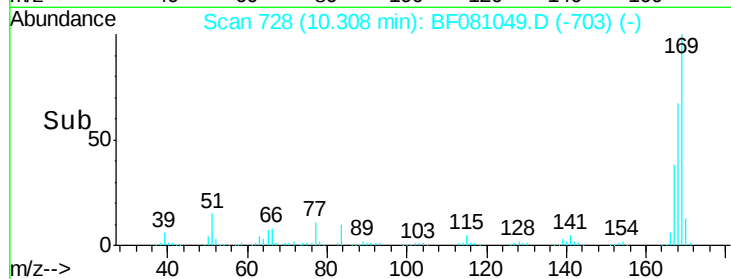
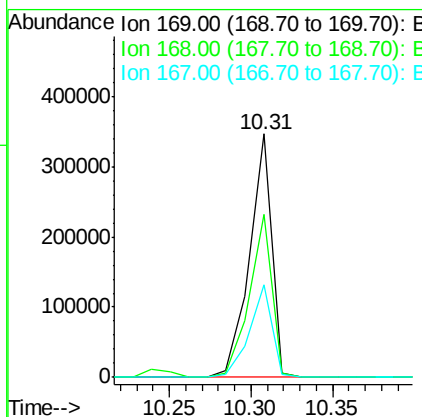
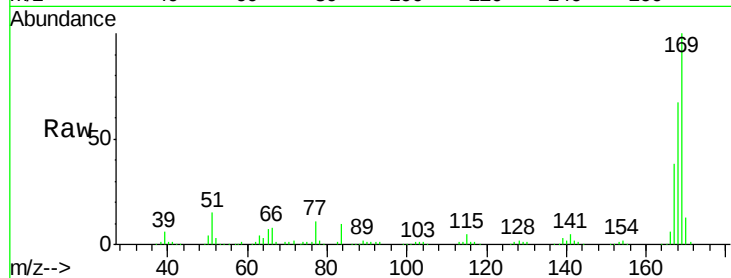




#65
 n-Nitrosodiphenylamine
 Concen: 34.60 ng
 RT: 10.31 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

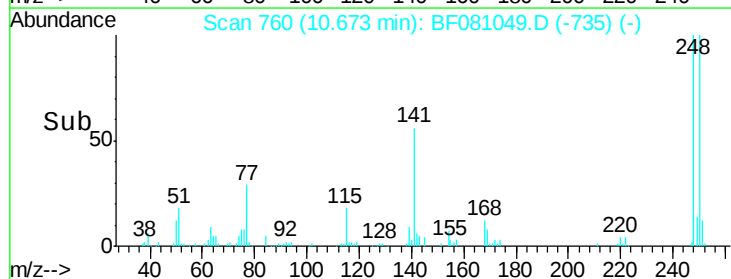
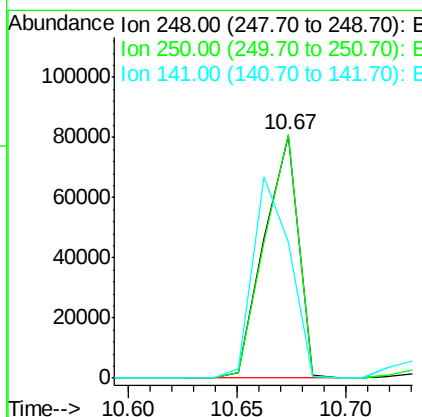
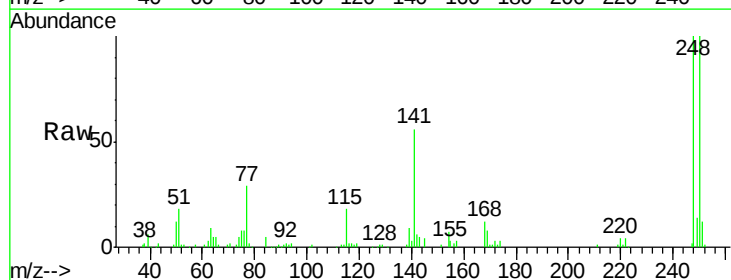
Instrument :
 BNA_F
 ClientSampleId :

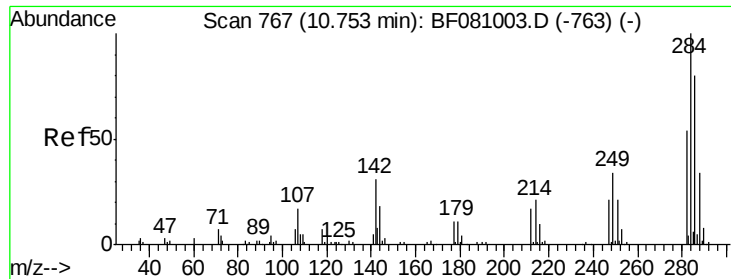
Tot Ion:169 Resp: 328178
 Ion Ratio Lower Upper
 169 100
 168 66.9 55.3 82.9
 167 38.0 30.8 46.2



#66
 4-Bromophenyl-phenylether
 Concen: 34.10 ng
 RT: 10.67 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Tgt Ion:248 Resp: 89002
 Ion Ratio Lower Upper
 248 100
 250 100.3 77.8 116.6
 141 56.0 39.8 59.6

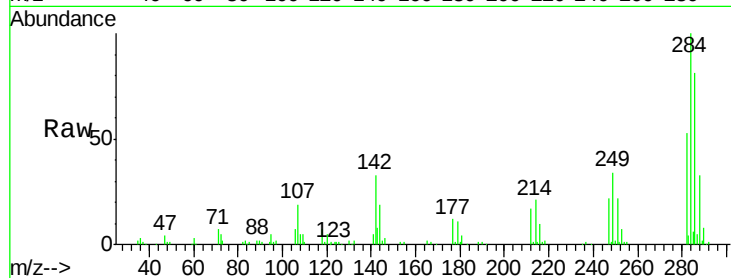




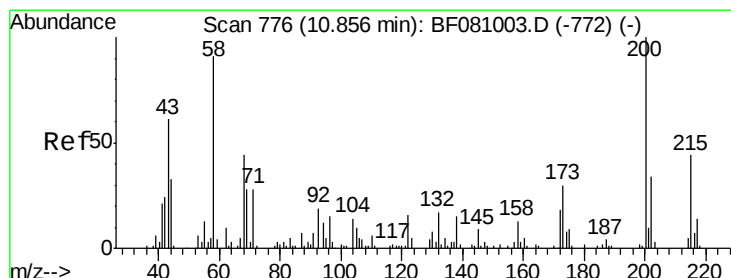
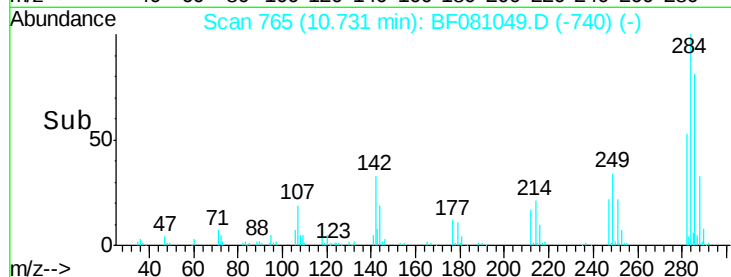
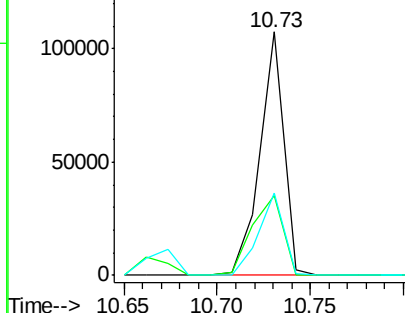
#67
Hexachlorobenzene
Concen: 35.76 ng
RT: 10.73 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 94535
Ion Ratio Lower Upper
284 100
142 32.6 25.4 38.0
249 33.8 28.5 42.7

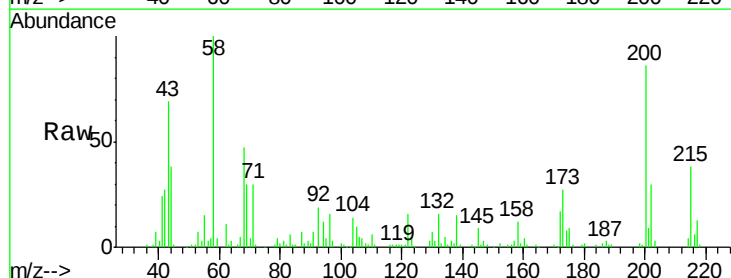


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

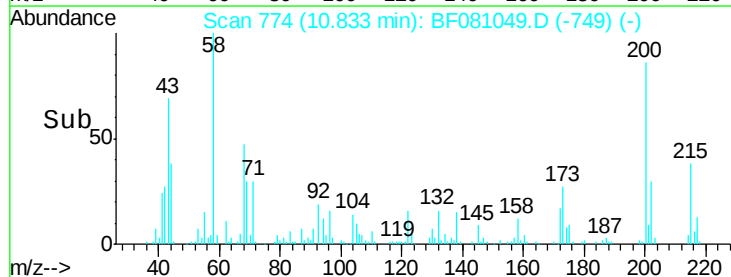
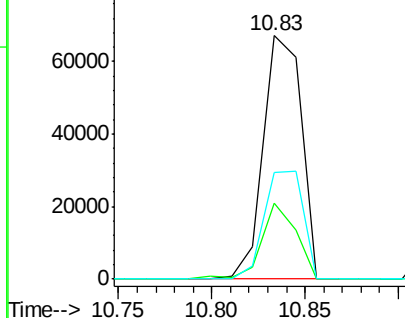


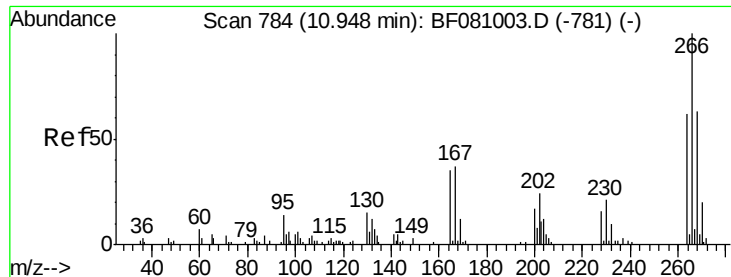
#68
Atrazine
Concen: 35.80 ng
RT: 10.83 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Tgt Ion:200 Resp: 94589
Ion Ratio Lower Upper
200 100
173 31.2 8.1 48.1
215 44.0 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

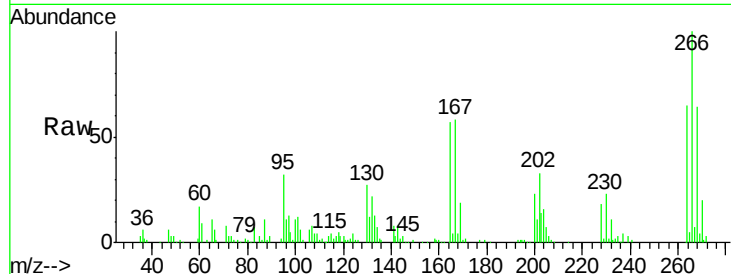




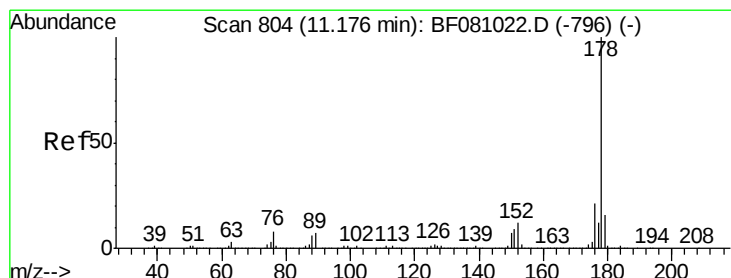
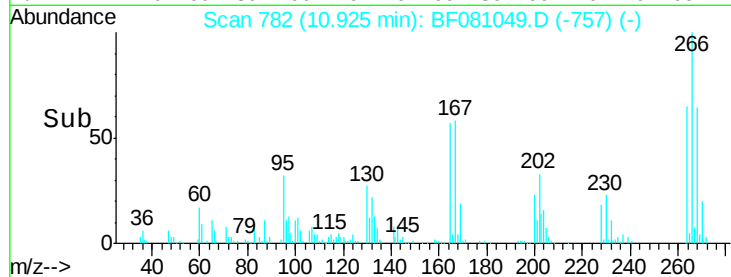
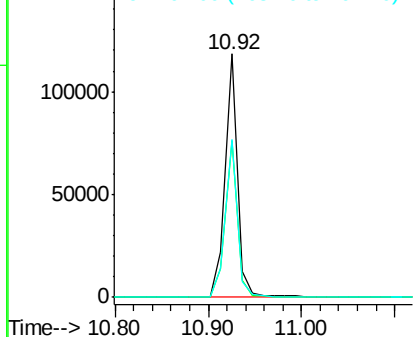
#69
 Pentachlorophenol
 Concen: 68.38 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 108438
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.2 76.8
 264 64.8 50.6 75.8

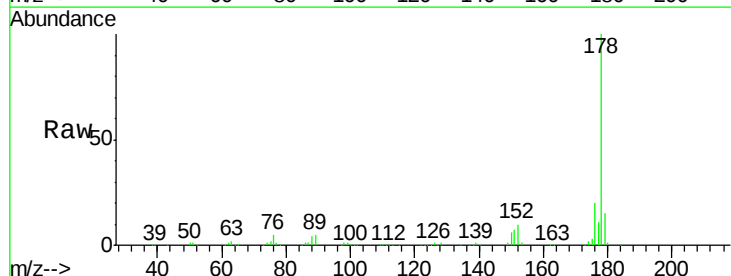


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

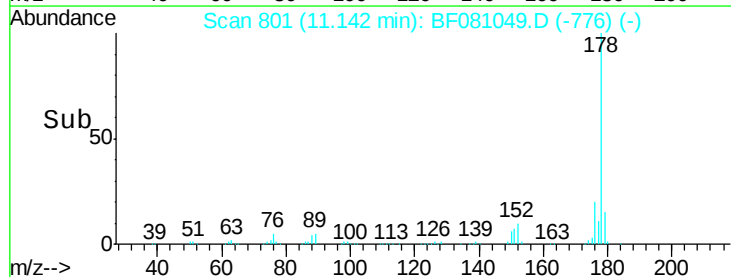
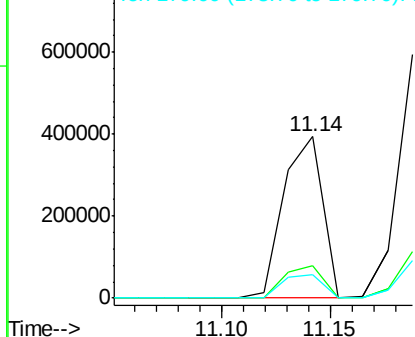


#70
 Phenanthrene
 Concen: 31.56 ng
 RT: 11.14 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Tgt Ion:178 Resp: 496889
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.7 23.5
 179 14.9 12.2 18.2



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





#71

Anthracene

Concen: 33.43 ng

RT: 11.19 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

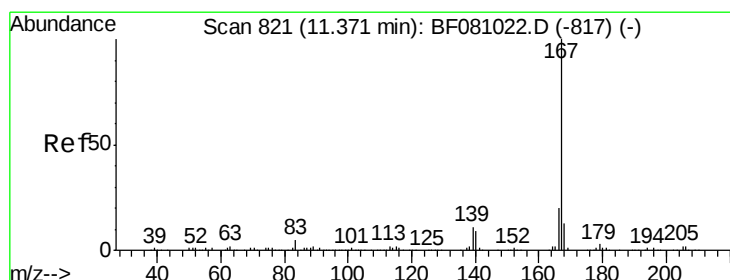
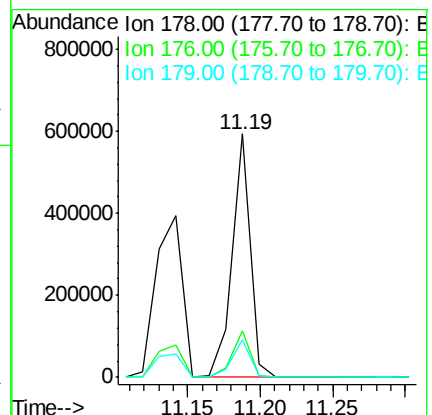
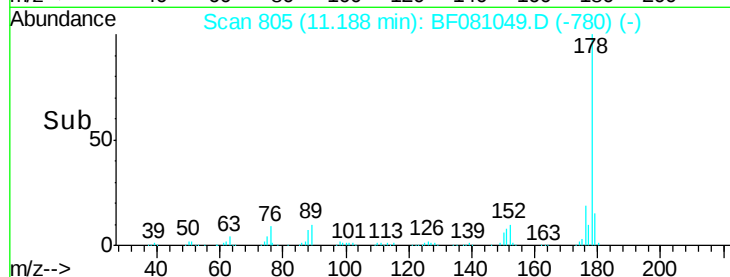
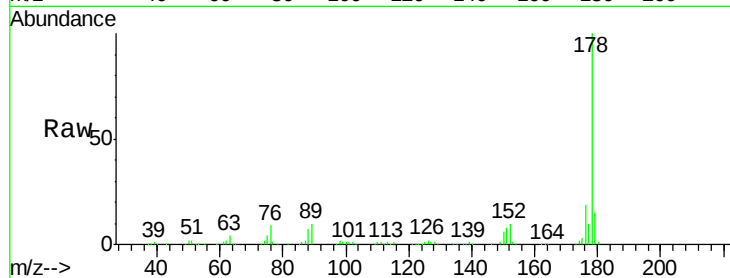
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 512216

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.4	12.7	19.1



#72

Carbazole

Concen: 37.16 ng

RT: 11.35 min Scan# 819

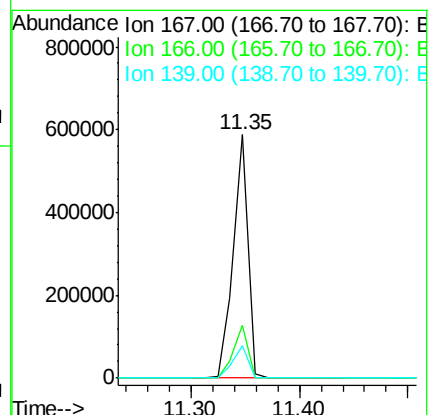
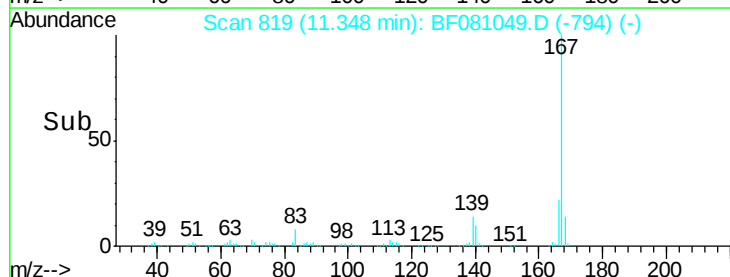
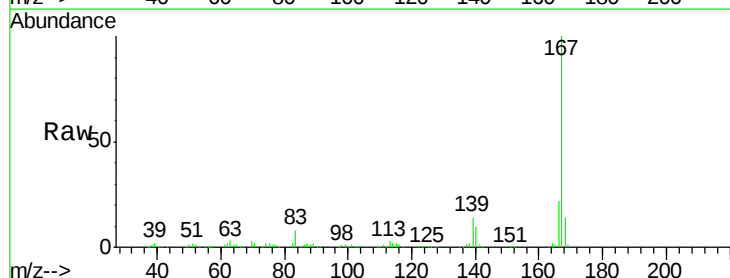
Delta R.T. -0.01 min

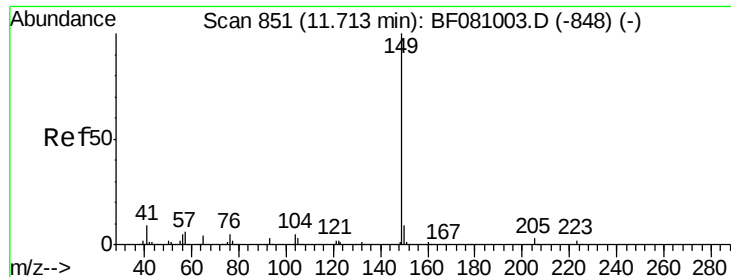
Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Tgt Ion:167 Resp: 548176

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.5	10.6	16.0





#73

Di-n-butylphthalate

Concen: 35.51 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

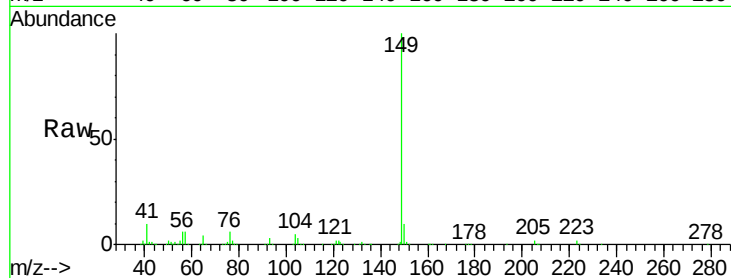
Tot Ion:149 Resp: 633834

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

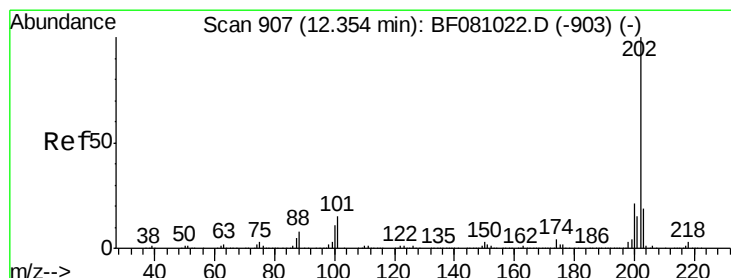
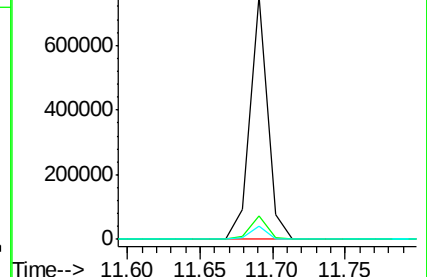
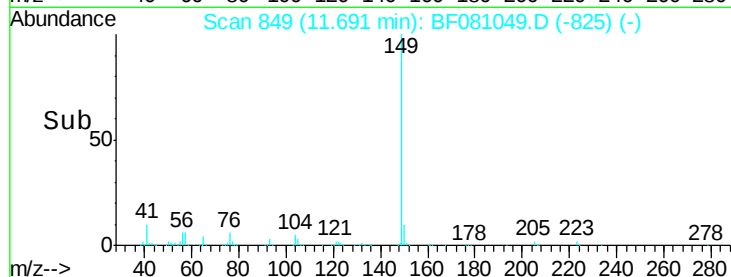
104 5.4 3.9 5.9



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: 33.58 ng

RT: 12.32 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

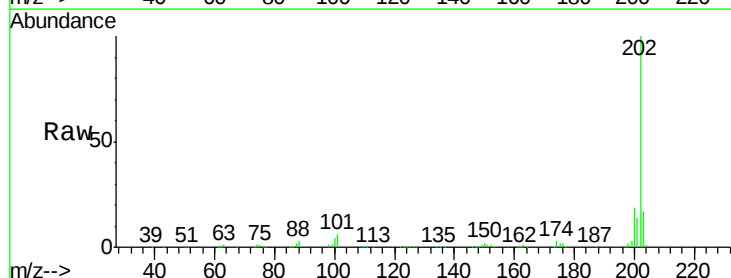
Tgt Ion:202 Resp: 570588

Ion Ratio Lower Upper

202 100

101 5.7 0.0 24.8

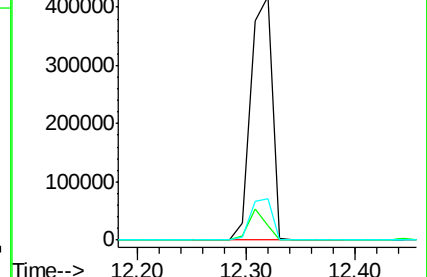
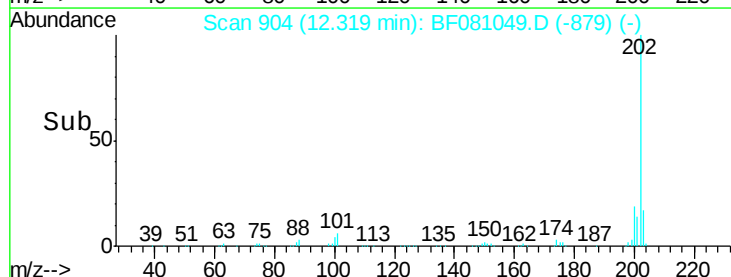
203 17.1 0.0 36.9

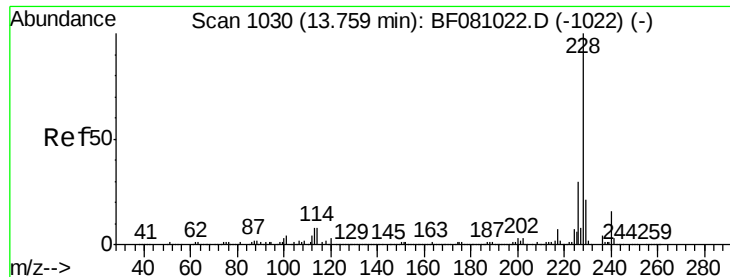


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.74 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

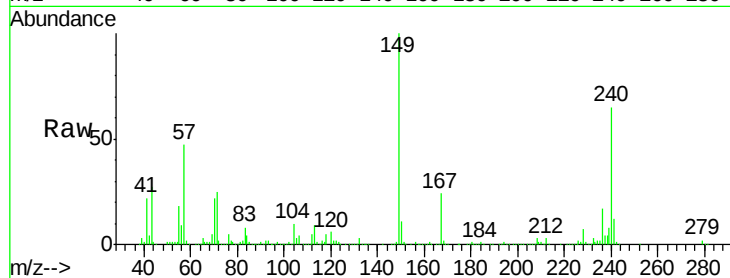
Tot Ion:240 Resp: 240107

Ion Ratio Lower Upper

240 100

120 8.4 5.6 8.4#

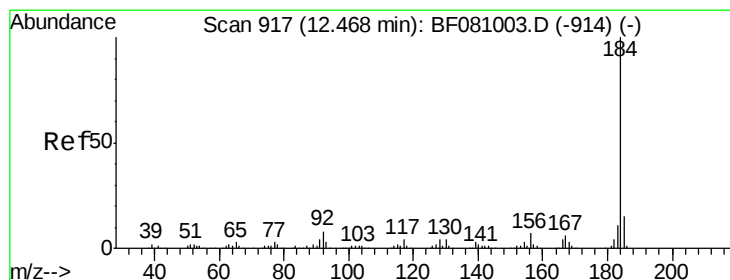
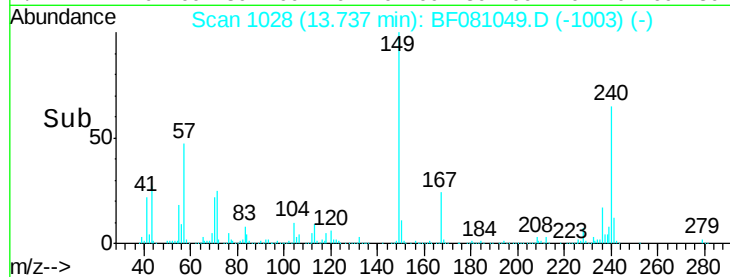
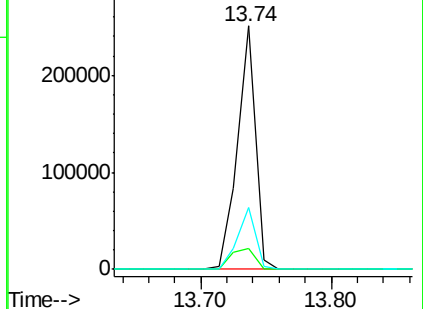
236 25.6 20.6 30.8



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: 33.54 ng

RT: 12.44 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

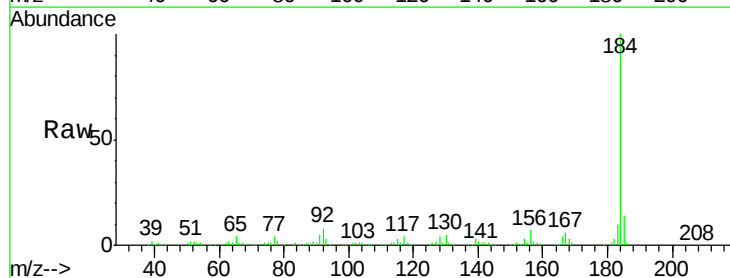
Tgt Ion:184 Resp: 304173

Ion Ratio Lower Upper

184 100

185 14.3 12.0 18.0

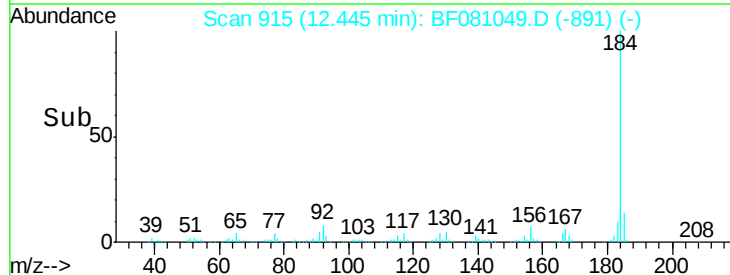
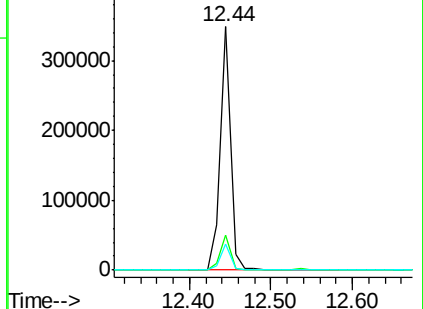
183 10.5 8.9 13.3

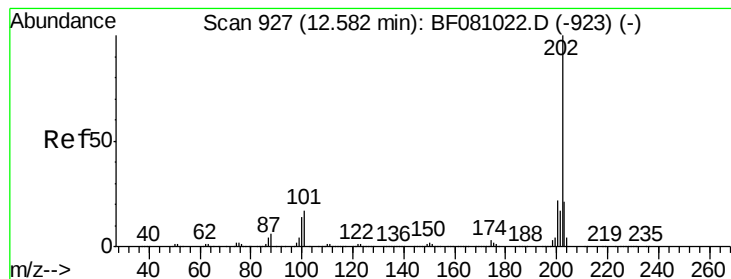


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 27.28 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

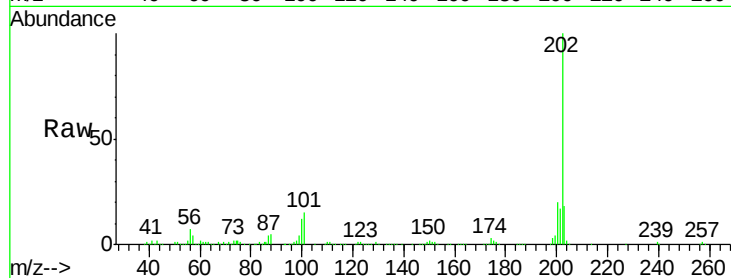
Tot Ion:202 Resp: 532506

Ion Ratio Lower Upper

202 100

200 19.8 16.6 24.8

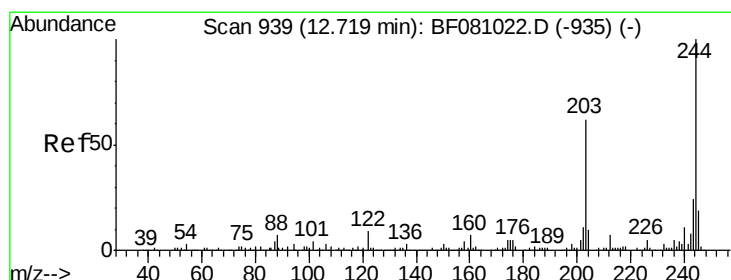
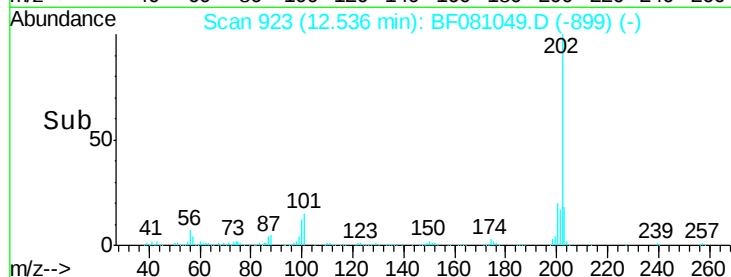
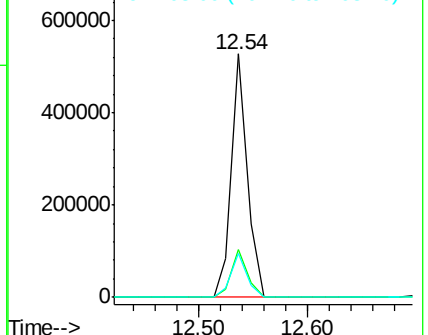
203 17.9 14.1 21.1



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: 57.03 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

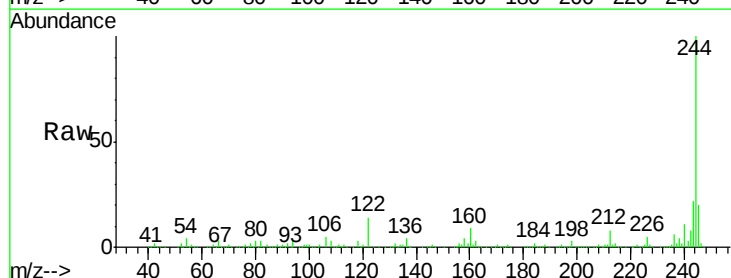
Tgt Ion:244 Resp: 638764

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

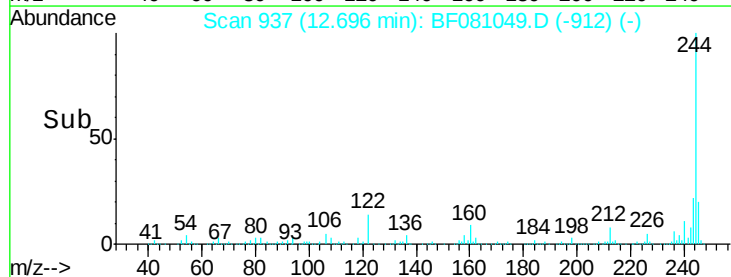
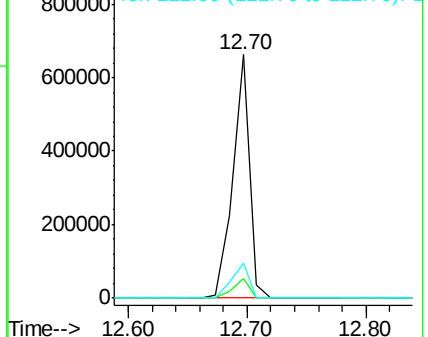
122 14.3 8.2 12.4#

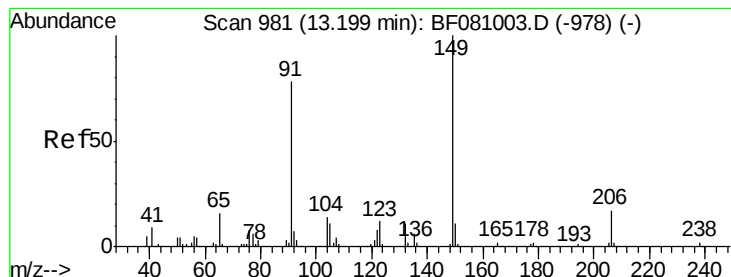


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 36.85 ng

RT: 13.18 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampled :

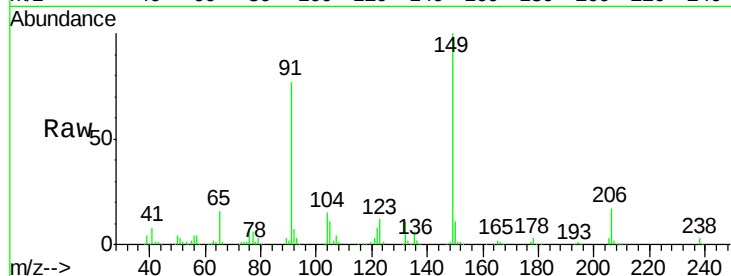
Tot Ion:149 Resp: 309148

Ion Ratio Lower Upper

149 100

91 76.6 46.9 70.3#

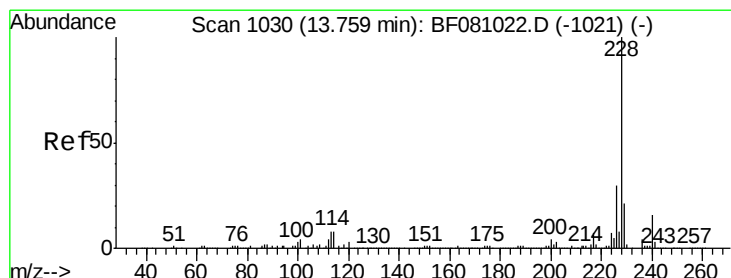
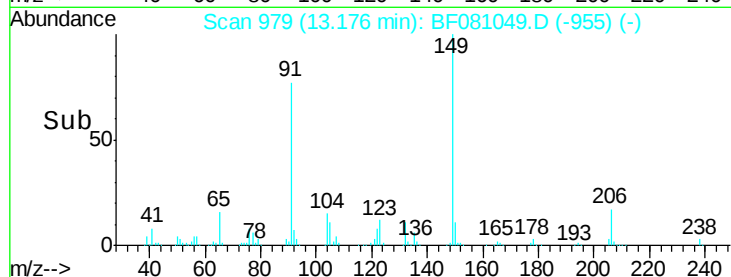
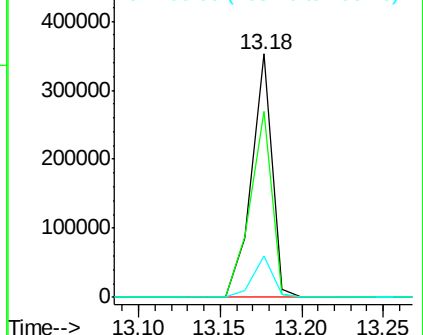
206 16.9 17.0 25.4#



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: 31.65 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

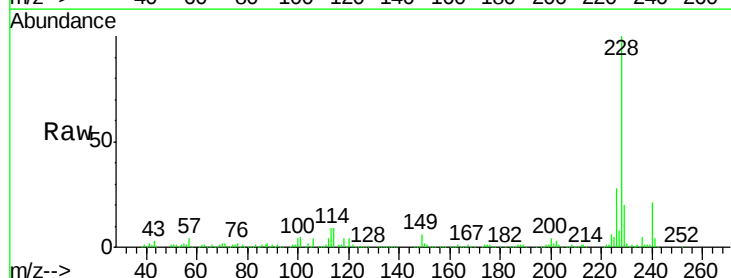
Tgt Ion:228 Resp: 509716

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

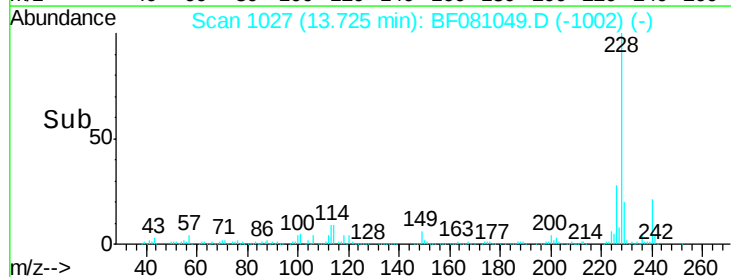
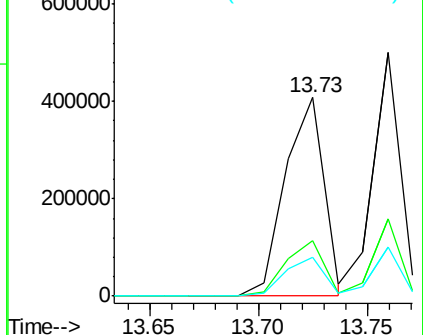
229 19.7 15.9 23.9



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

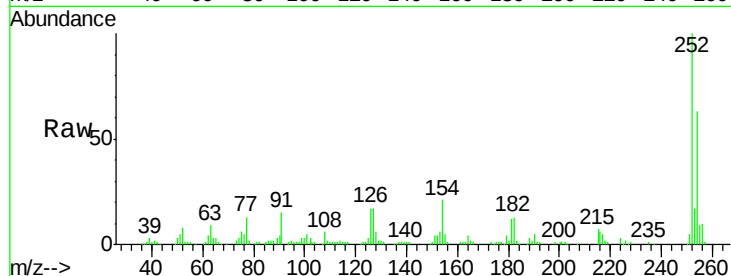




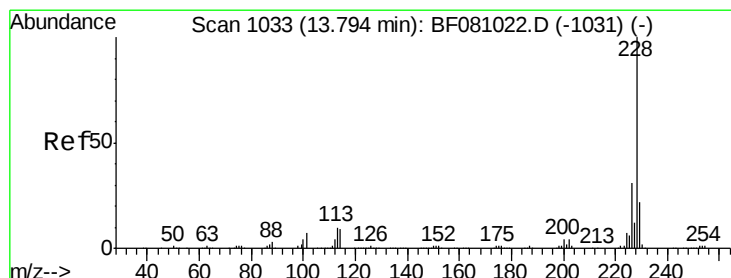
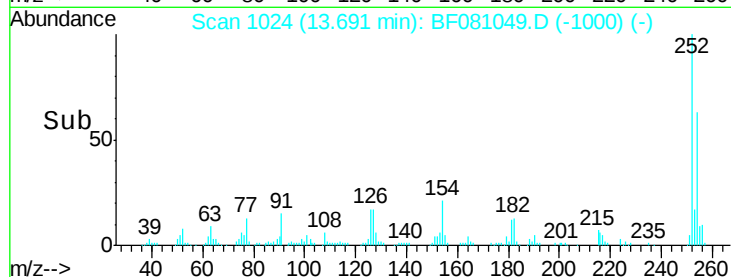
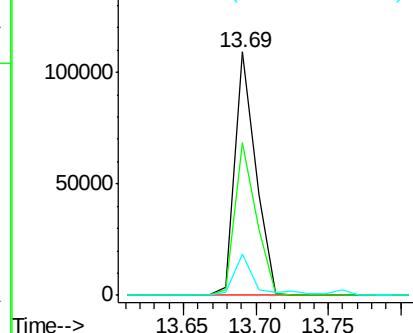
#81
 3,3'-Dichlorobenzidine
 Concen: 20.97 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.5	77.3
126	17.0	12.5	18.7

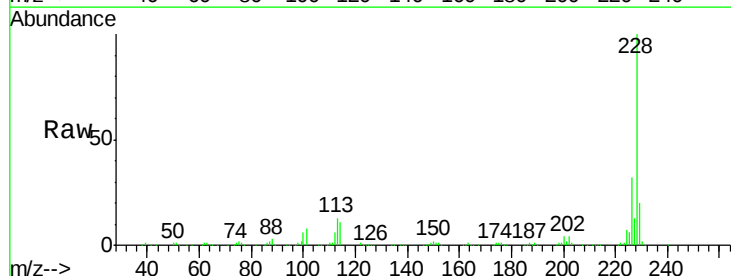


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

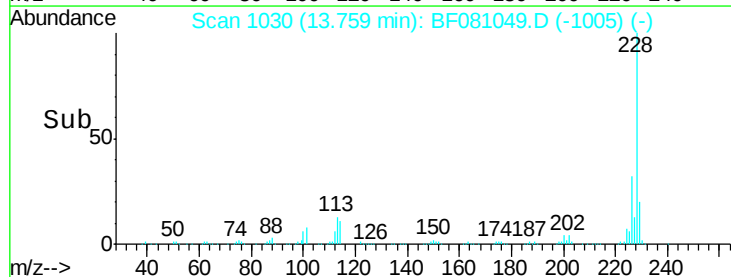
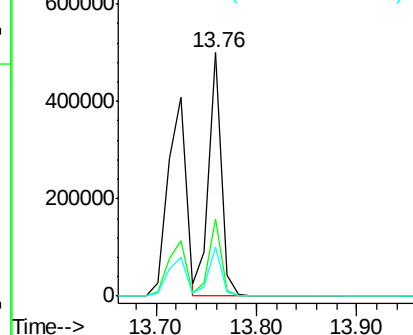


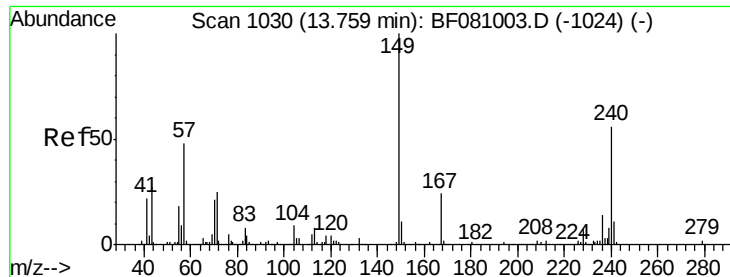
#82
 Chrysene
 Concen: 30.29 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.4	36.6
229	20.4	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.50 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampleId :

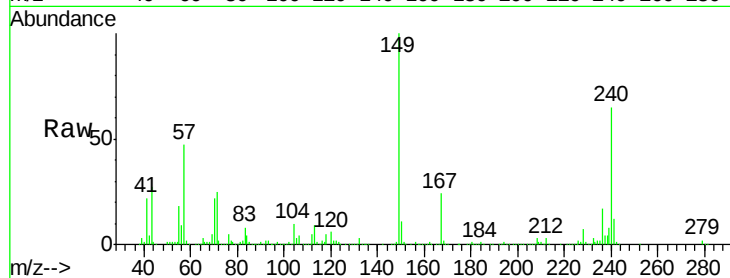
Tot Ion:149 Resp: 403015

Ion Ratio Lower Upper

149 100

167 23.8 20.7 31.1

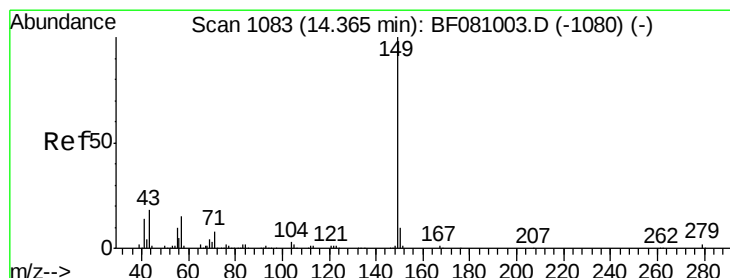
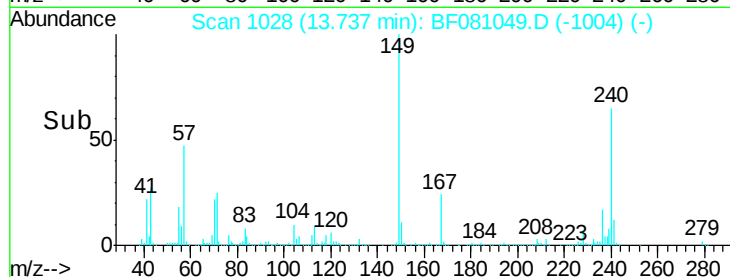
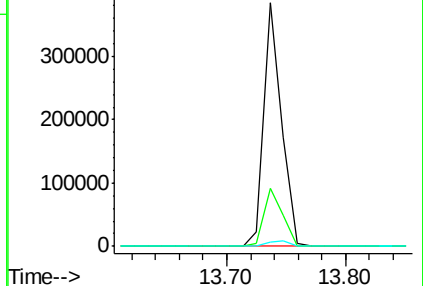
279 1.5 2.2 3.4#



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: 43.98 ng

RT: 14.34 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

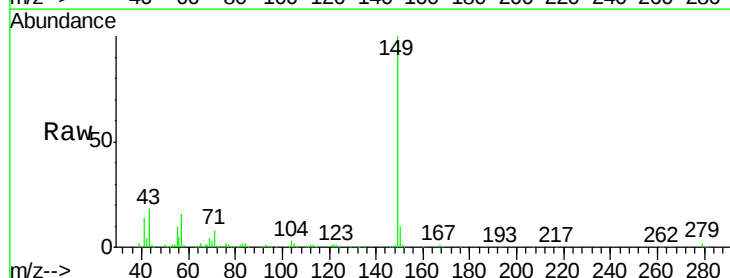
Tgt Ion:149 Resp: 718330

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

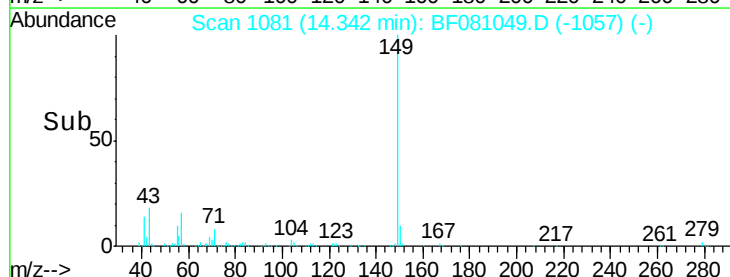
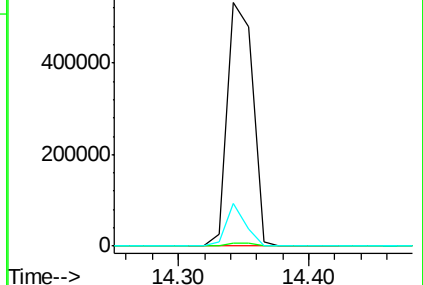
43 13.4 11.6 17.4



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

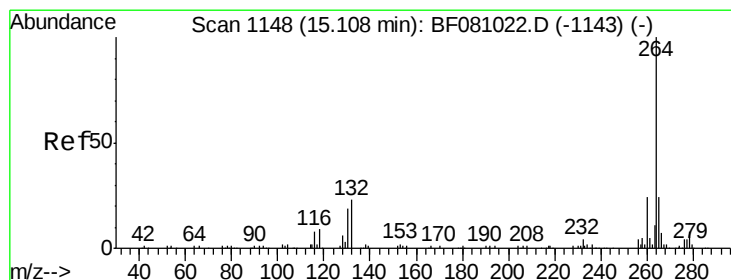
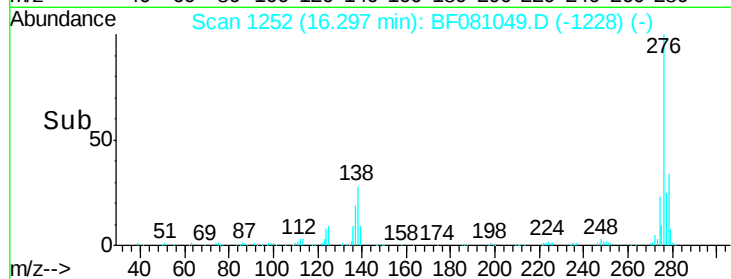
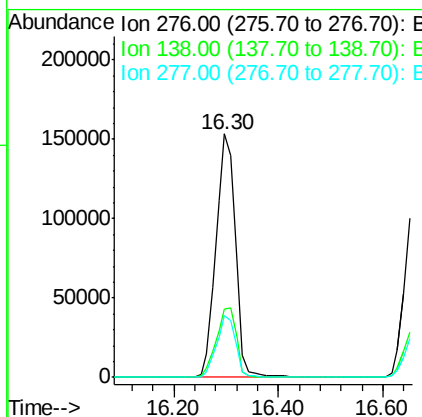
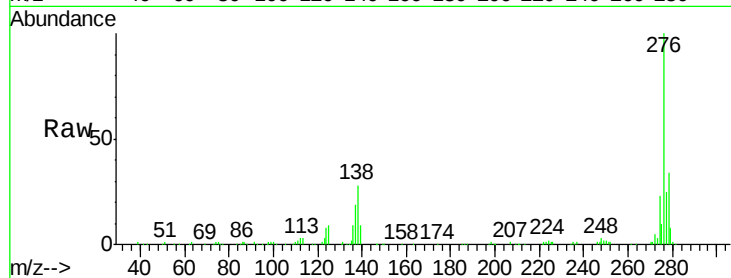




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.88 ng
 RT: 16.30 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

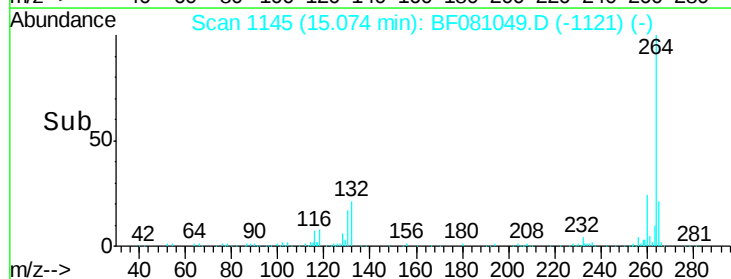
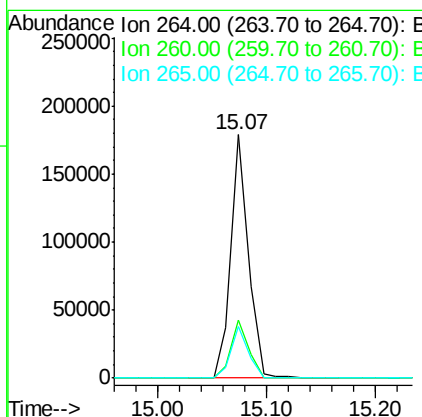
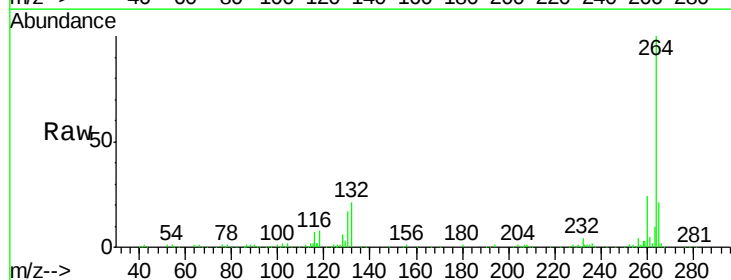
Instrument :
 BNA_F
 ClientSampleId :

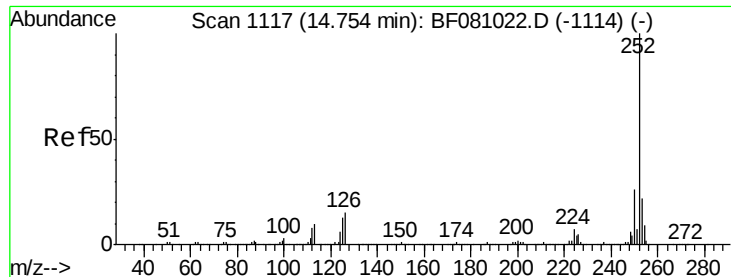
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	18.6	28.0#
277	24.8	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 60.08 ng

RT: 14.74 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

Instrument :

BNA_F

ClientSampled :

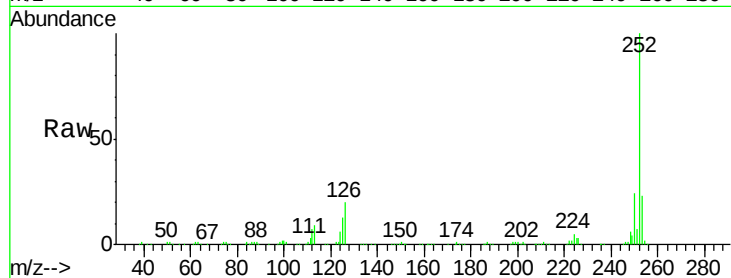
Tot Ion:252 Resp: 848572

Ion Ratio Lower Upper

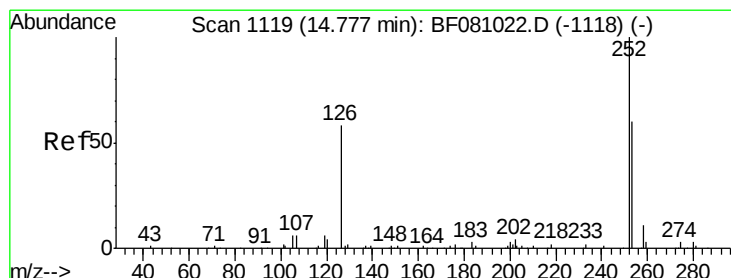
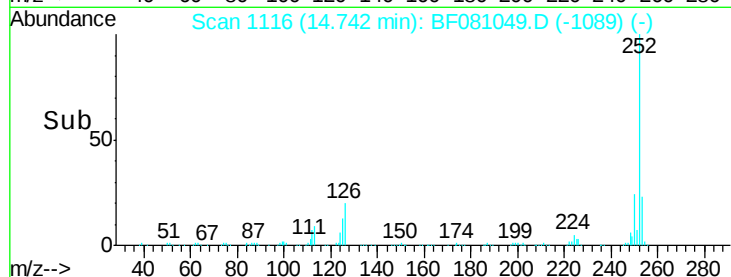
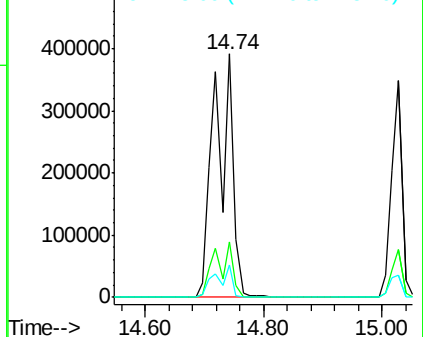
252 100

253 22.7 17.1 25.7

125 13.5 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: 64.48 ng

RT: 14.74 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF081049.D

Acq: 18 Aug 2015 18:42

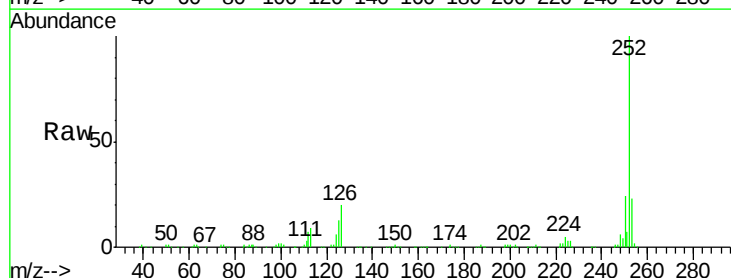
Tgt Ion:252 Resp: 848572

Ion Ratio Lower Upper

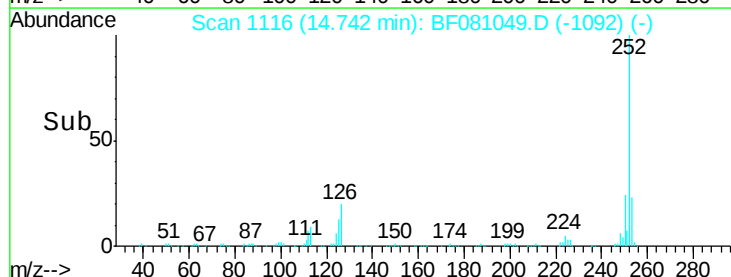
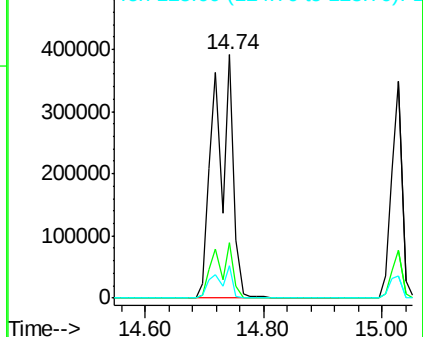
252 100

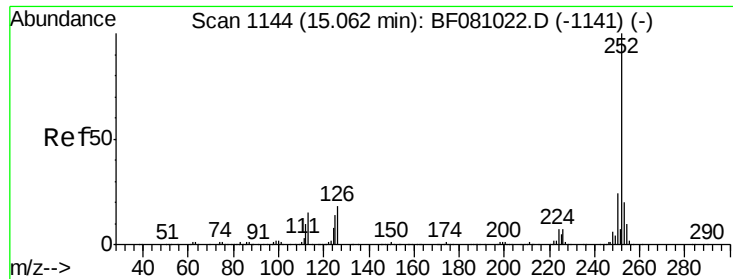
253 22.7 17.6 26.4

125 13.5 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

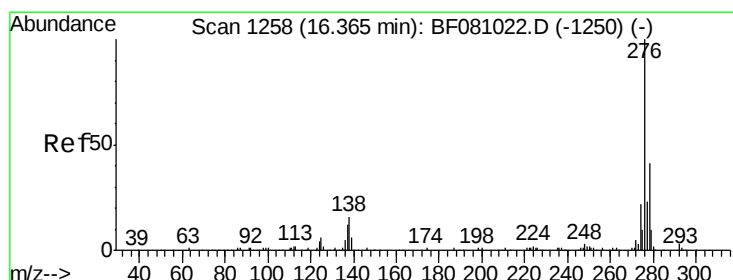
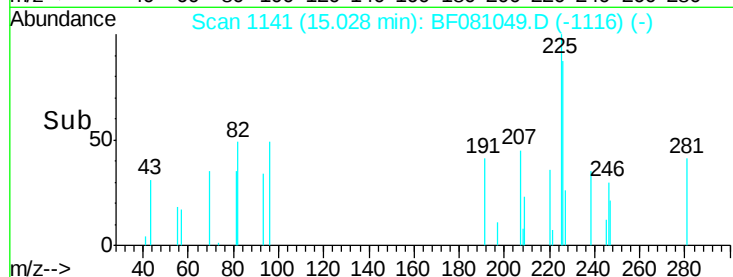
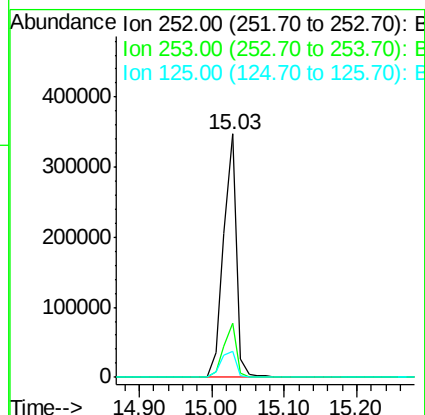
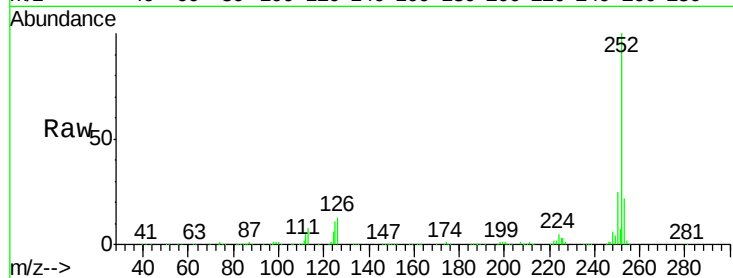




#89
Benzo(a)pyrene
Concen: 35.17 ng
RT: 15.03 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

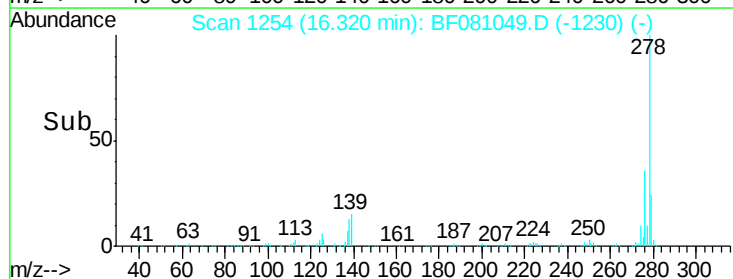
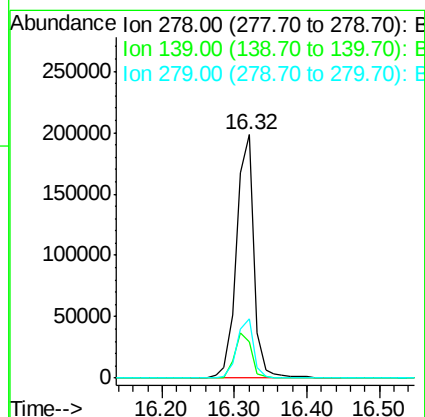
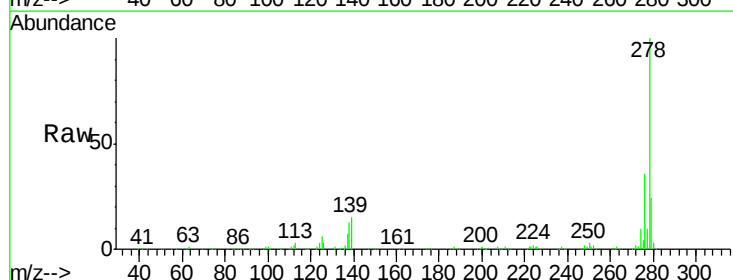
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 432862
Ion Ratio Lower Upper
252 100
253 22.0 16.6 25.0
125 10.5 7.8 11.8



#90
Dibenzo(a,h)anthracene
Concen: 34.62 ng
RT: 16.32 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF081049.D
Acq: 18 Aug 2015 18:42

Tgt Ion:278 Resp: 331929
Ion Ratio Lower Upper
278 100
139 14.9 10.8 16.2
279 24.3 19.0 28.6

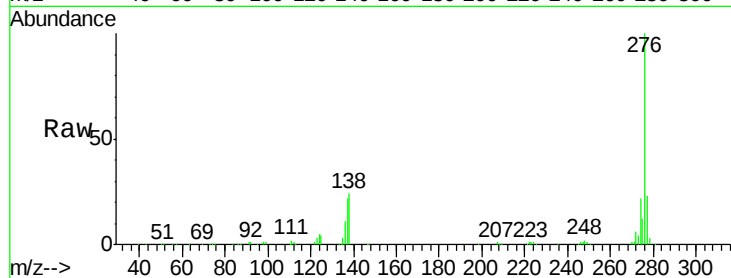




#91
 Benzo(a,h,i)perylene
 Concen: 32.75 ng
 RT: 16.66 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF081049.D
 Acq: 18 Aug 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.2	27.2
138	24.5	13.7	20.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

