

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
 Data File : BF081311.D
 Acq On : 1 Sep 2015 19:01
 Operator : UM/IZ
 Sample : PB85326BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 02 00:50:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	53234	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	205360	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	93112	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	186985	20.00	ng	0.00
75) Chrysene-d12	13.50	240	166774	20.00	ng	0.00
86) Perylene-d12	14.80	264	115319	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.95	112	371952	108.41	ng	0.02
7) Phenol-d6	6.06	99	481678	106.06	ng	0.00
23) Nitrobenzene-d5	6.97	82	307654	72.28	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	92075	111.06	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	556865	76.64	ng	0.00
78) Terphenyl-d14	12.47	244	453954	63.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.80	88	44556	28.91	ng	96
3) Pyridine	2.35	79	128966	30.35	ng	92
4) n-Nitrosodimethylamine	2.31	42	68456	29.00	ng	# 78
6) Aniline	6.04	93	99284	15.48	ng	# 60
8) 2-Chlorophenol	6.17	128	128511	33.99	ng	84
9) Benzaldehyde	5.92	77	15979	5.62	ng	# 66
10) Phenol	6.07	94	194800	36.99	ng	# 59
11) bis(2-Chloroethyl)ether	6.14	93	119057	31.33	ng	86
12) 1,3-Dichlorobenzene	6.32	146	119212	29.51	ng	# 85
13) 1,4-Dichlorobenzene	6.41	146	124859	30.36	ng	# 94
14) 1,2-Dichlorobenzene	6.41	146	124859	33.71	ng	97
15) Benzyl Alcohol	6.56	79	122502	32.88	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	6.70	45	236401	32.46	ng	90
17) 2-Methylphenol	6.68	107	103958	34.46	ng	# 80
18) Hexachloroethane	6.90	117	50677	31.67	ng	# 84
19) n-Nitroso-di-n-propylamine	6.83	70	99103	32.06	ng	# 82
20) 3+4-Methylphenols	6.84	107	134911	33.17	ng	88
22) Acetophenone	6.81	105	181842	32.42	ng	# 74
24) Nitrobenzene	6.98	77	138929	31.43	ng	# 62
25) Isophorone	7.23	82	256301	32.37	ng	# 86
26) 2-Nitrophenol	7.30	139	61103	31.72	ng	# 32
27) 2,4-Dimethylphenol	7.37	122	115576	34.73	ng	# 81
28) bis(2-Chloroethoxy)methane	7.46	93	152410	33.33	ng	# 93
29) 2,4-Dichlorophenol	7.55	162	101813	35.28	ng	95
30) 1,2,4-Trichlorobenzene	7.62	180	99702	31.81	ng	# 95
31) Naphthalene	7.70	128	369241	33.71	ng	98
32) Benzoic acid	7.51	122	67689	29.53	ng	# 56
33) 4-Chloroaniline	7.77	127	40683	9.11	ng	# 92
34) Hexachlorobutadiene	7.83	225	62636	32.83	ng	98
35) Caprolactam	8.14	113	21400	24.18	ng	# 40
36) 4-Chloro-3-methylphenol	8.27	107	115544	35.77	ng	86
37) 2-Methylnaphthalene	8.39	142	218965	30.72	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	105498	35.83	ng	98
40) Hexachlorocyclopentadiene	8.55	237	115511	79.93	ng	97

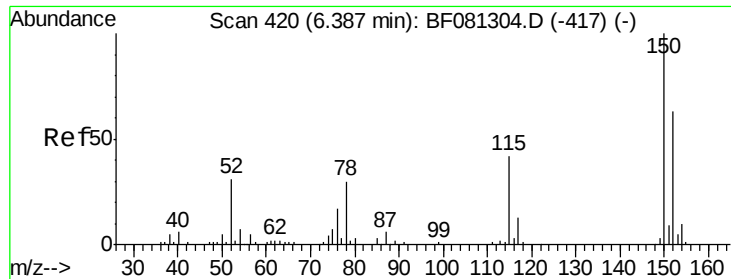
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	63506	31.25	nq	95
43) 2,4,5-Trichlorophenol	8.72	196	69488	33.52	nq	# 82
45) 1,1'-Biphenyl	8.86	154	281194	32.83	nq	95
46) 2-Chloronaphthalene	8.87	162	198330	32.06	nq	# 86
47) 2-Nitroaniline	8.98	65	92835	36.82	nq	# 64
48) Acenaphthylene	9.28	152	333002	30.34	nq	97
49) Dimethylphthalate	9.18	163	265343	36.68	nq	# 97
50) 2,6-Dinitrotoluene	9.23	165	52567	32.02	nq	94
51) Acenaphthene	9.45	154	195492	31.31	nq	90
52) 3-Nitroaniline	9.39	138	28865	15.44	nq	# 81
53) 2,4-Dinitrophenol	9.51	184	56541	81.76	nq	# 83
54) Dibenzofuran	9.62	168	294627	32.32	nq	# 83
55) 4-Nitrophenol	9.58	139	72946	62.12	nq	# 1
56) 2,4-Dinitrotoluene	9.63	165	69442	33.22	nq	# 93
57) Fluorene	9.96	166	253420	36.63	nq	95
58) 2,3,4,6-Tetrachlorophenol	9.75	232	54140	34.20	nq	# 86
59) Diethylphthalate	9.87	149	270172	35.50	nq	98
60) 4-Chlorophenyl-phenylether	9.96	204	109496	33.96	nq	# 79
61) 4-Nitroaniline	10.00	138	58576	31.02	nq	# 28
62) Azobenzene	10.12	77	315529	37.29	nq	88
64) 4,6-Dinitro-2-methylphenol	10.03	198	36903	35.29	nq	82
65) n-Nitrosodiphenylamine	10.09	169	231933	34.09	nq	92
66) 4-Bromophenyl-phenylether	10.44	248	60520	32.01	nq	# 79
67) Hexachlorobenzene	10.50	284	63412	32.08	nq	# 81
68) Atrazine	10.63	200	74239	37.70	nq	83
69) Pentachlorophenol	10.71	266	59977	64.25	nq	98
70) Phenanthrene	10.91	178	339065	32.62	nq	97
71) Anthracene	10.96	178	357786	33.50	nq	98
72) Carbazole	11.12	167	315595	31.49	nq	95
73) Di-n-butylphthalate	11.47	149	381725	32.26	nq	# 98
74) Fluoranthene	12.08	202	370615	32.93	nq	91
76) Benzidine	12.22	184	136691	19.09	nq	99
77) Pyrene	12.31	202	402266	32.56	nq	98
79) Butylbenzylphthalate	12.96	149	169126	31.48	nq	96
80) Benzo(a)anthracene	13.49	228	317086	29.86	nq	97
81) 3,3'-Dichlorobenzidine	13.46	252	50087	13.98	nq	# 95
82) Chrysene	13.52	228	260766	27.39	nq	95
83) Bis(2-ethylhexyl)phthalate	13.52	149	218904	30.87	nq	# 91
84) Di-n-octyl phthalate	14.13	149	358427	30.70	nq	98
85) Indeno(1,2,3-cd)pyrene	15.89	276	207517	29.71	nq	# 87
87) Benzo(b)fluoranthene	14.50	252	532200	64.64	nq	# 84
88) Benzo(k)fluoranthene	14.50	252	532200	77.91	nq	# 84
89) Benzo(a)pyrene	14.75	252	242977	34.83	nq	# 86
90) Dibenzo(a,h)anthracene	15.90	278	174904	32.44	nq	# 83
91) Benzo(g,h,i)perylene	16.21	276	165508	32.17	nq	# 77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampleId :

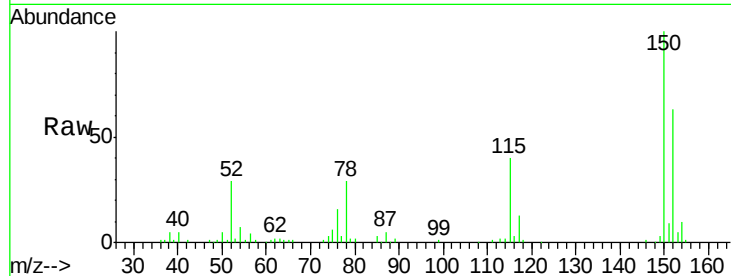
Tot Ion:152 Resp: 53234

Ion Ratio Lower Upper

152 100

150 159.1 124.7 187.1

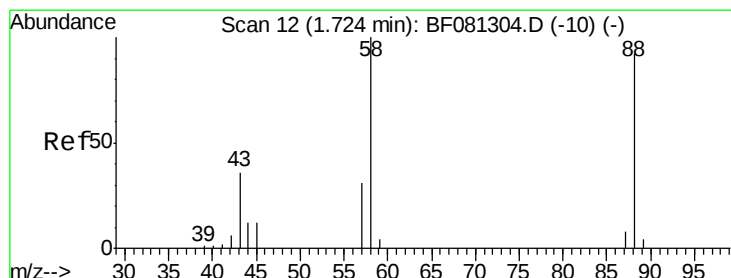
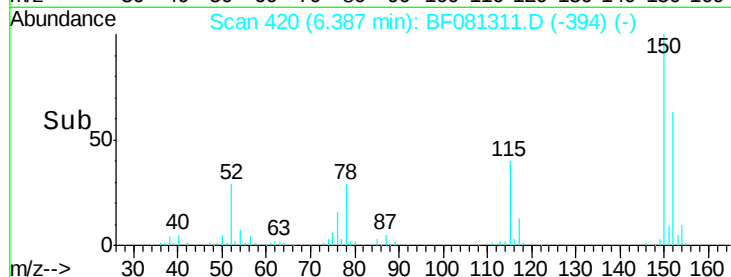
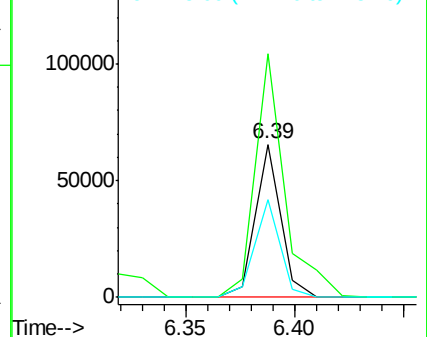
115 63.5 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.91 ng

RT: 1.80 min Scan# 19

Delta R.T. 0.08 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

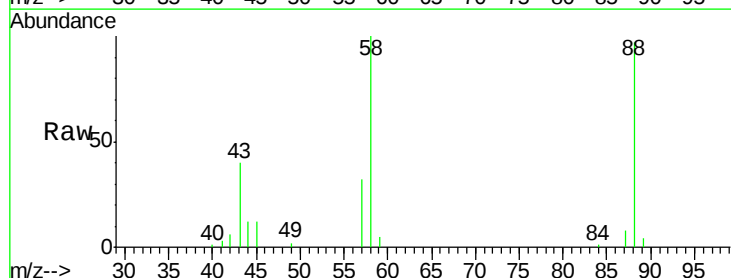
Tgt Ion: 88 Resp: 44556

Ion Ratio Lower Upper

88 100

58 100.1 77.7 116.5

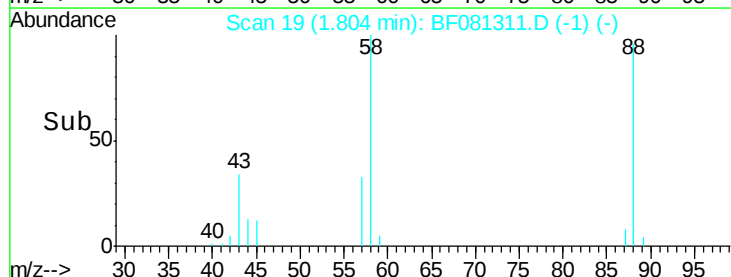
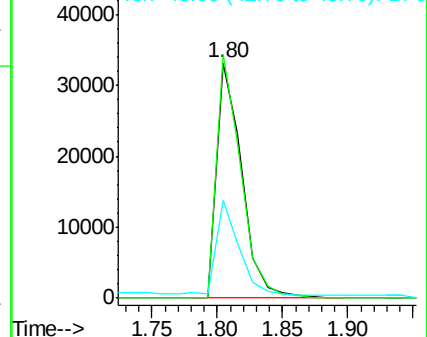
43 38.0 26.6 40.0

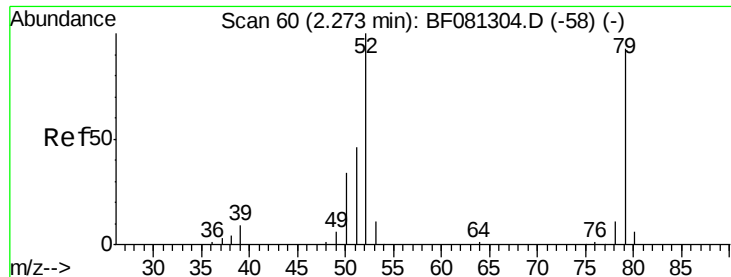


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.35 ng

RT: 2.35 min Scan# 67

Delta R.T. 0.08 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

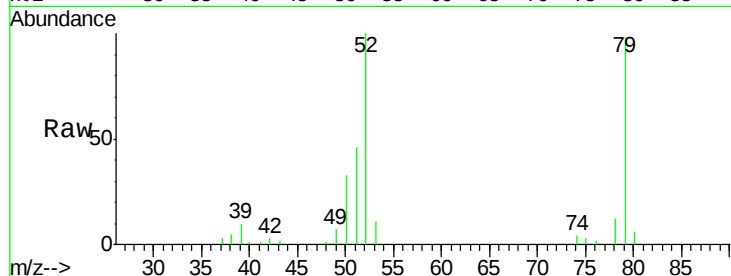
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 128966

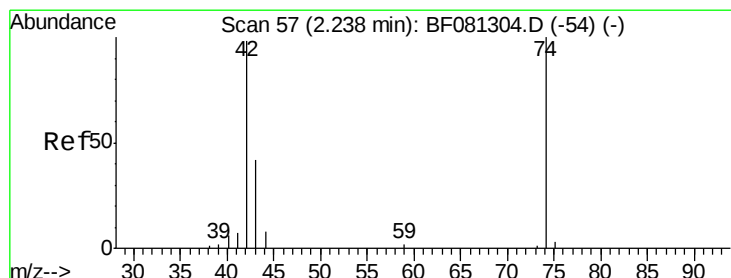
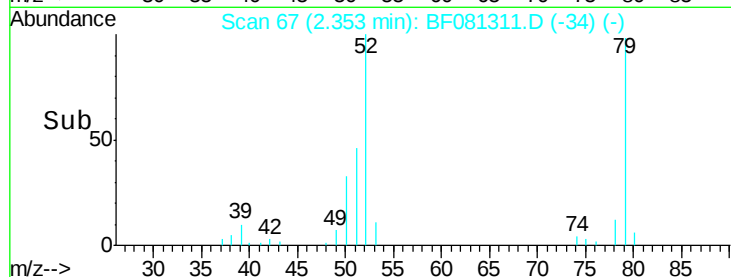
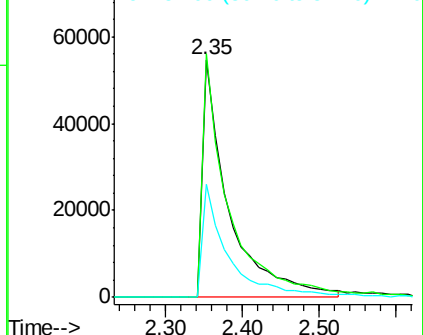
Ion	Ratio	Lower	Upper
79	100		
52	102.5	76.8	115.2
51	47.5	32.2	48.4



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: 29.00 ng

RT: 2.31 min Scan# 63

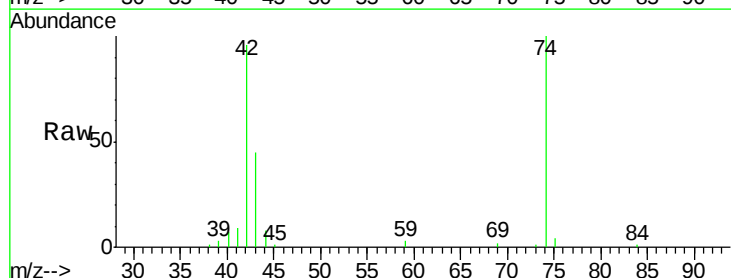
Delta R.T. 0.07 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Tgt Ion: 42 Resp: 68456

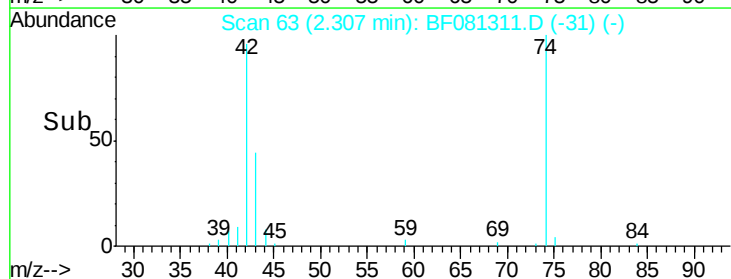
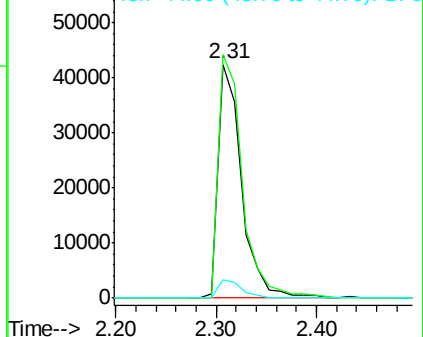
Ion	Ratio	Lower	Upper
42	100		
74	104.3	105.0	157.6#
44	7.9	6.6	10.0

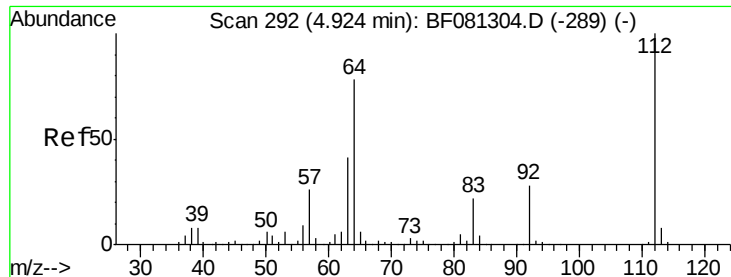


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 108.41 ng

RT: 4.95 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampled :

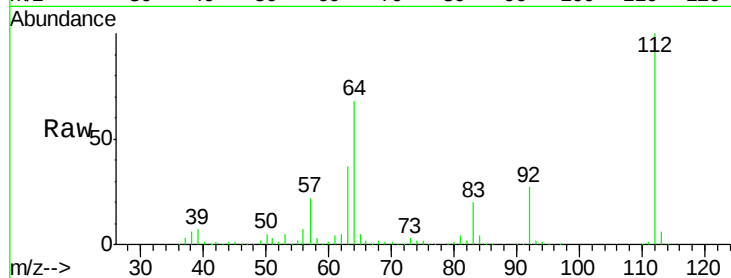
Tot Ion:112 Resp: 371952

Ion Ratio Lower Upper

112 100

64 67.9 39.7 59.5#

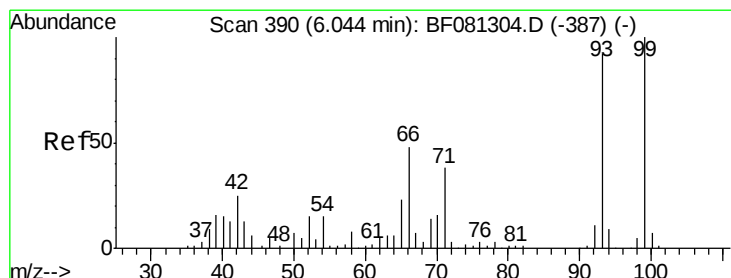
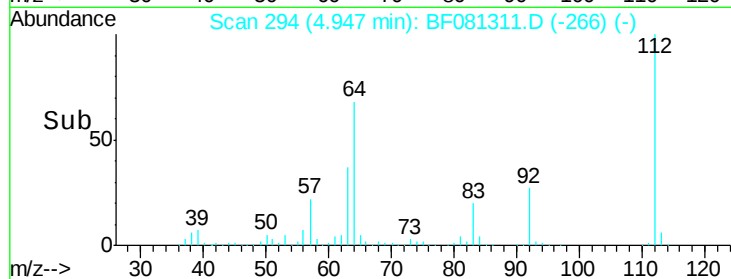
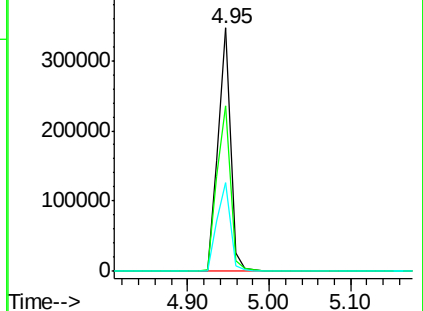
63 36.6 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.48 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

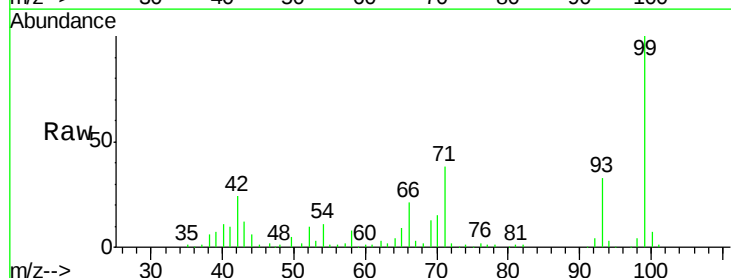
Tgt Ion: 93 Resp: 99284

Ion Ratio Lower Upper

93 100

66 63.1 27.2 40.8#

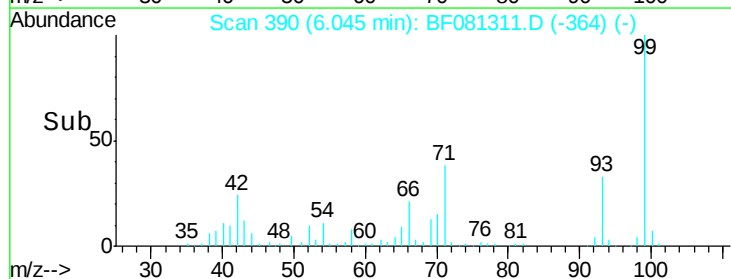
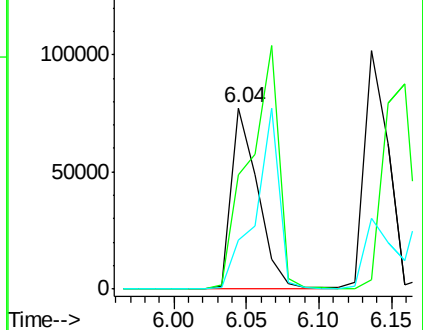
65 26.8 14.7 22.1#

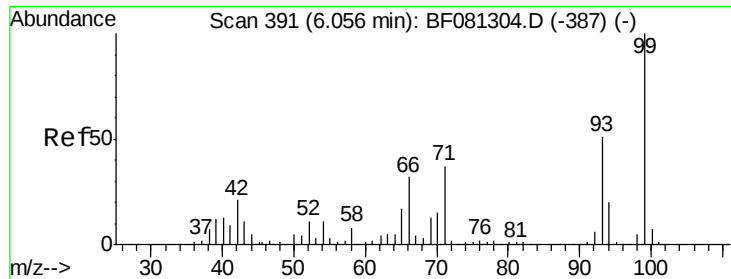


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.06 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampled :

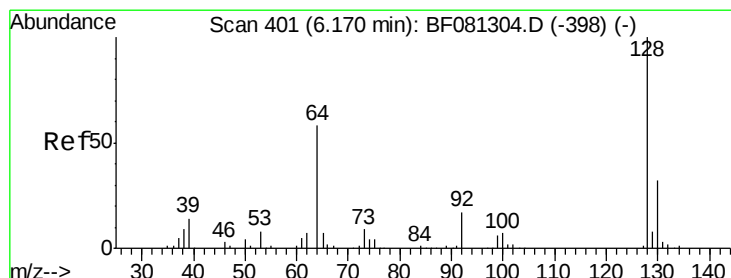
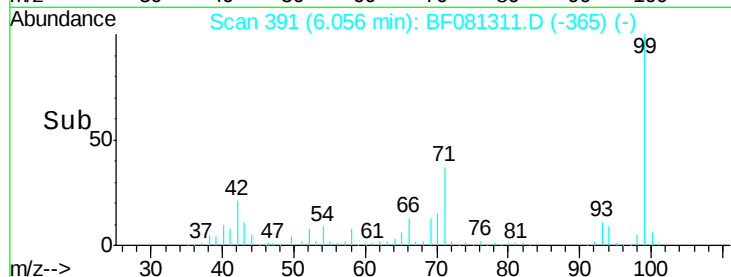
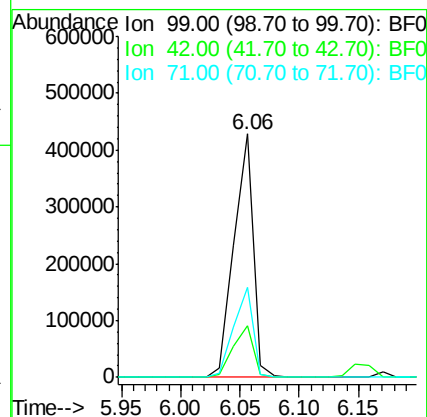
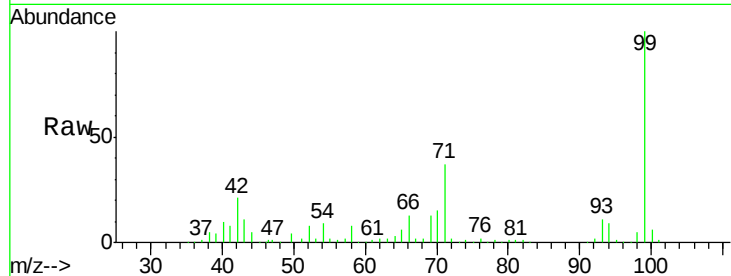
Tot Ion: 99 Resp: 481678

Ion Ratio Lower Upper

99 100

42 21.3 13.7 20.5#

71 37.0 14.2 21.2#



#8

2-Chlorophenol

Concen: 33.99 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

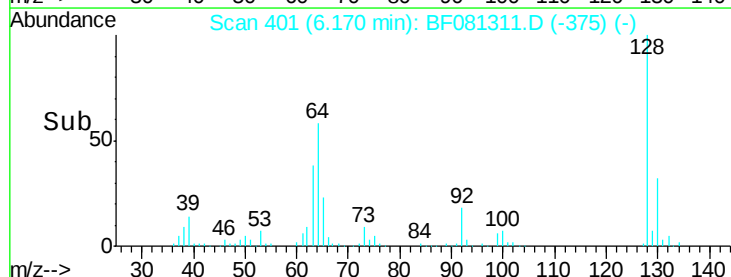
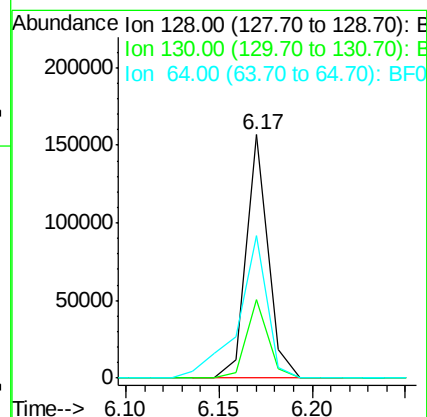
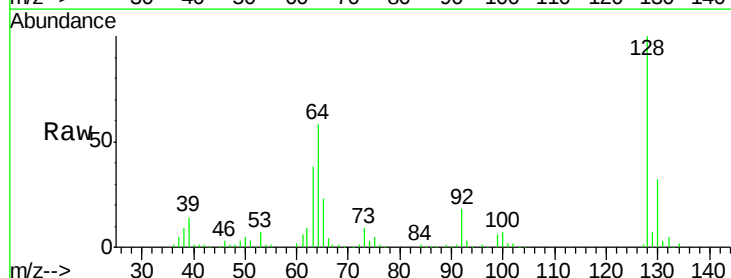
Tgt Ion:128 Resp: 128511

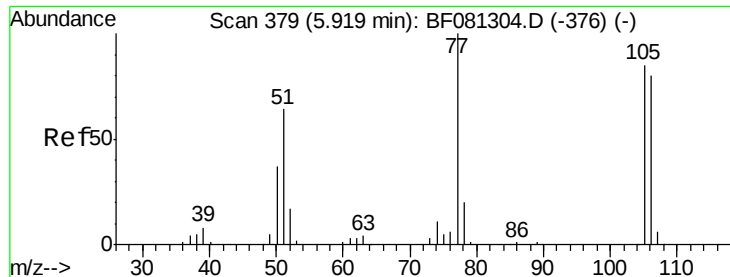
Ion Ratio Lower Upper

128 100

130 32.3 12.2 52.2

64 58.5 20.5 60.5





#9

Benzaldehyde

Concen: 5.62 ng

RT: 5.92 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampled :

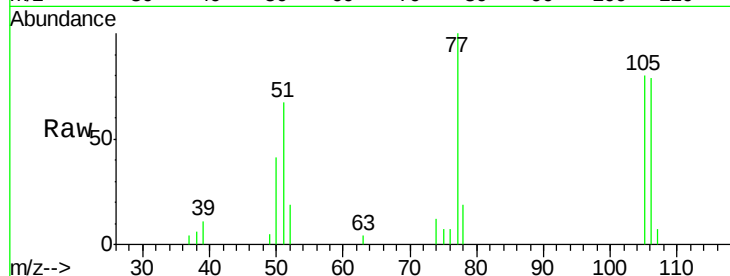
Tot Ion: 77 Resp: 15979

Ion Ratio Lower Upper

77 100

105 79.6 91.6 131.6#

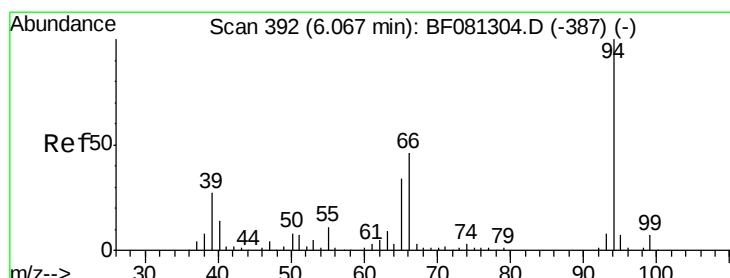
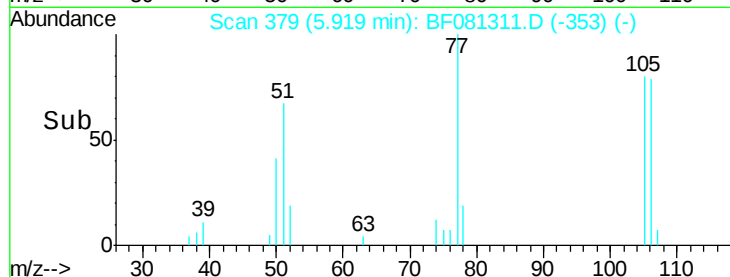
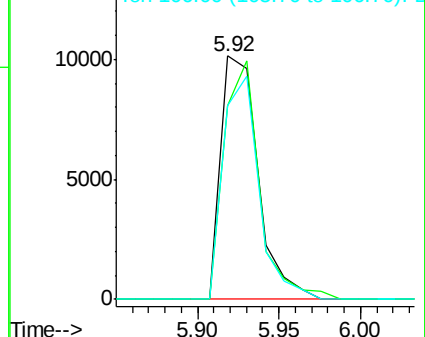
106 79.4 102.6 142.6#



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: 36.99 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

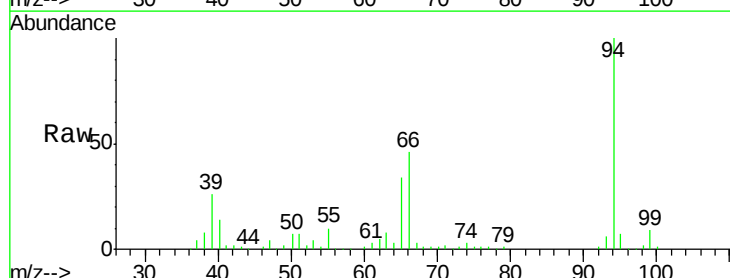
Tgt Ion: 94 Resp: 194800

Ion Ratio Lower Upper

94 100

65 33.9 0.7 40.7

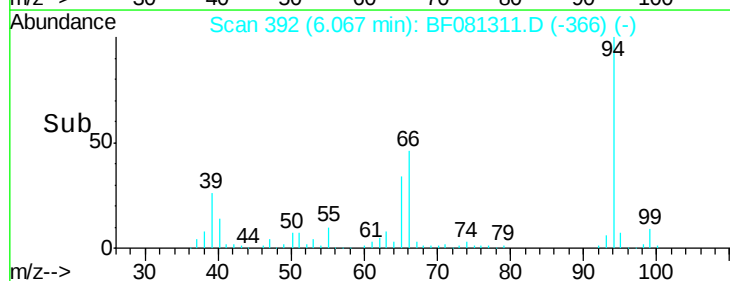
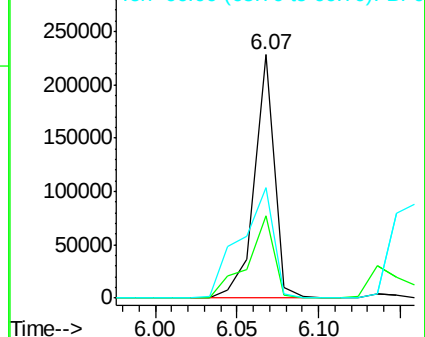
66 45.5 0.8 40.8#

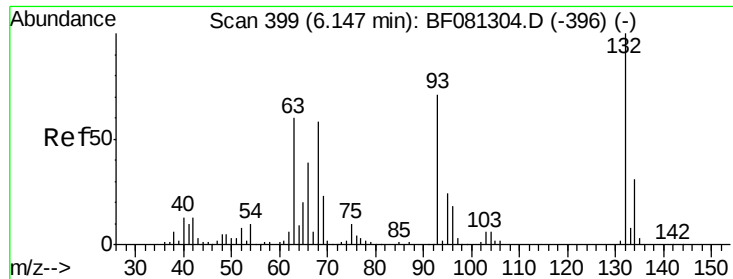


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

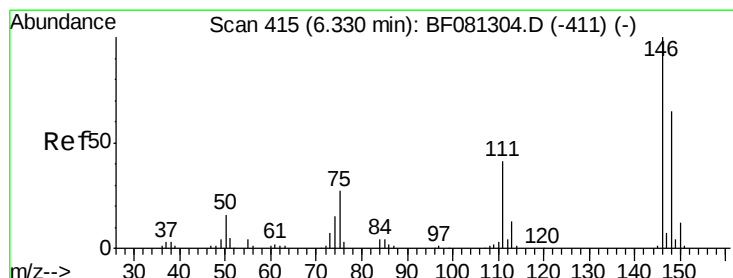
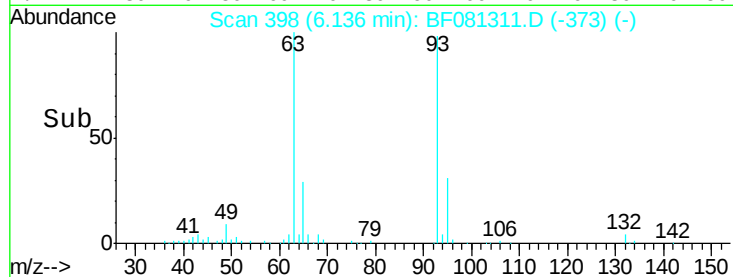
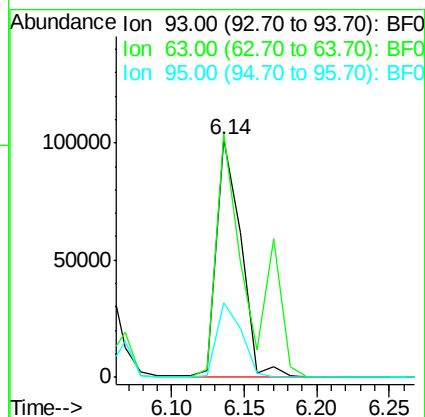
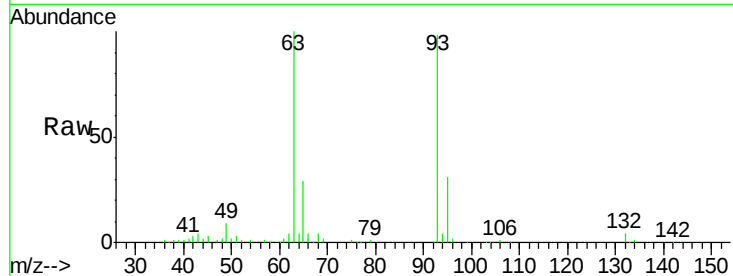




#11
bis(2-Chloroethyl)ether
Concen: 31.33 ng
RT: 6.14 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

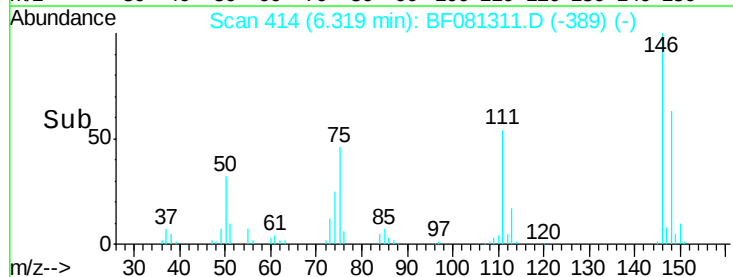
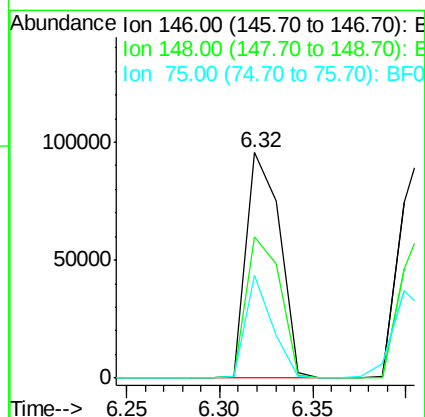
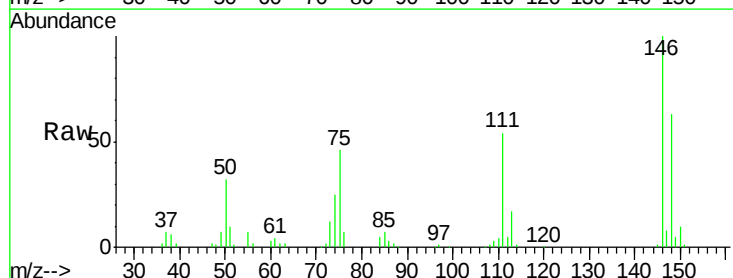
Instrument :
BNA_F
ClientSampleId :

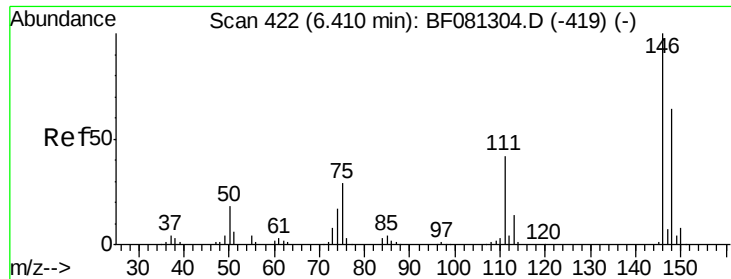
Tot Ion: 93 Resp: 119057
Ion Ratio Lower Upper
93 100
63 102.3 65.6 105.6
95 31.3 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 29.51 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 146 Resp: 119212
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.4
75 45.9 15.0 22.6#

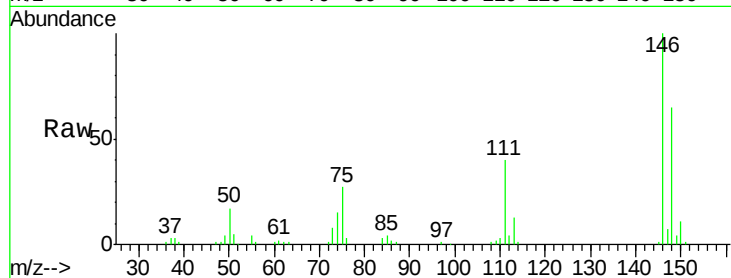




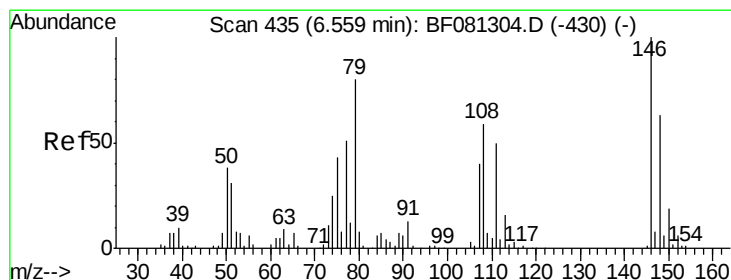
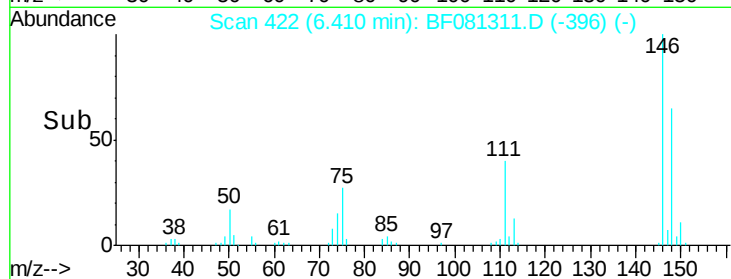
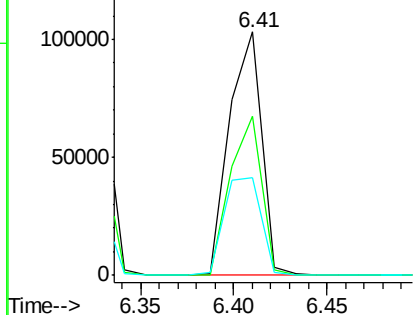
#13
 1,4-Dichlorobenzene
 Concen: 30.36 ng
 RT: 6.41 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 124859
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.8 77.6
 111 40.0 24.9 37.3#

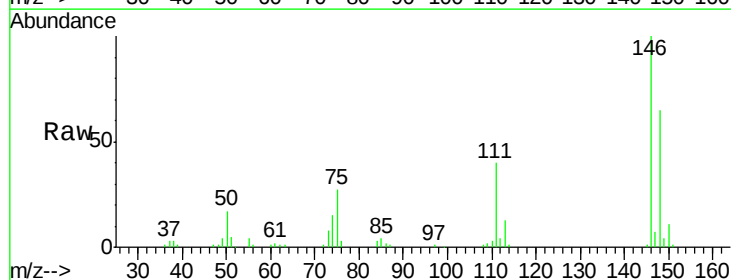


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

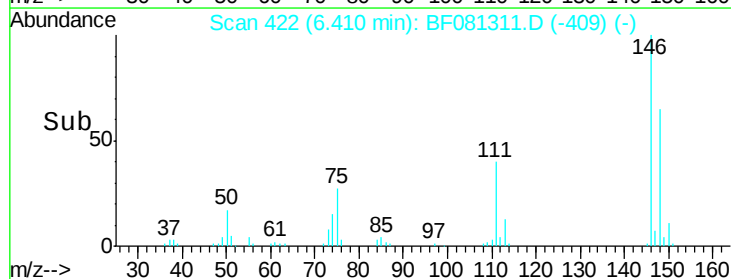
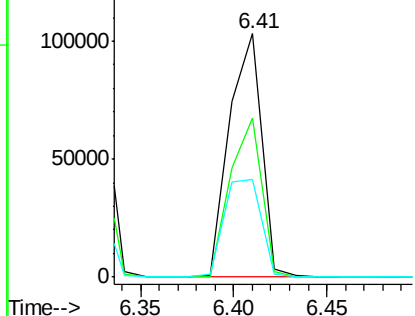


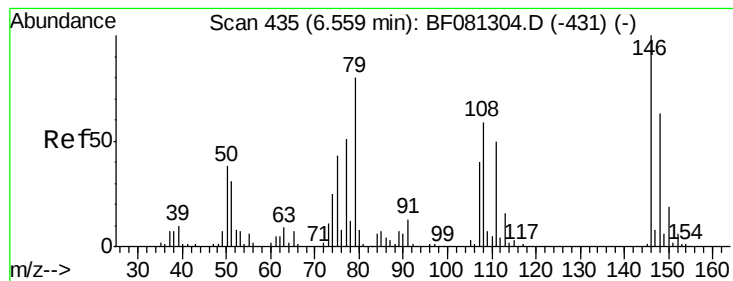
#14
 1,2-Dichlorobenzene
 Concen: 33.71 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.15 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Tgt Ion:146 Resp: 124859
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.7 79.1
 111 40.0 28.8 43.2



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: 32.88 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampleId :

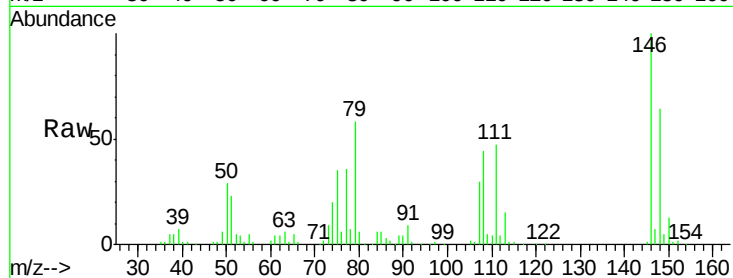
Tot Ion: 79 Resp: 122502

Ion Ratio Lower Upper

79 100

108 76.1 88.6 132.8#

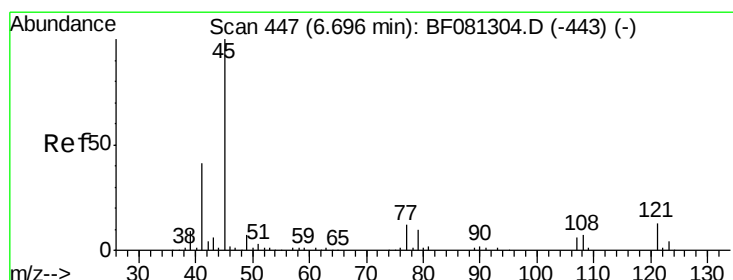
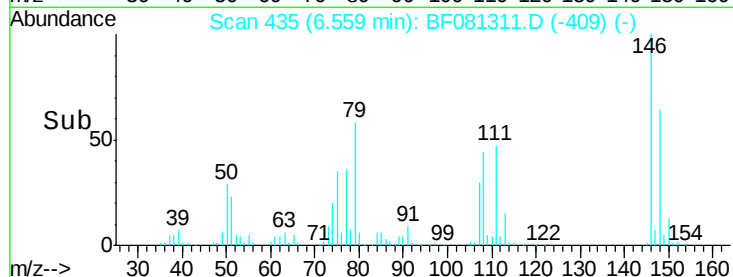
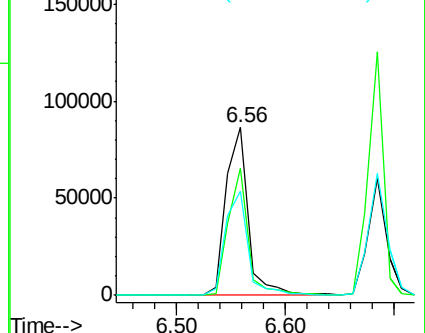
77 62.0 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.46 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

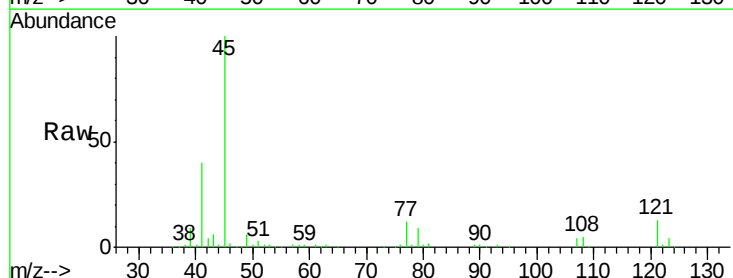
Tgt Ion: 45 Resp: 236401

Ion Ratio Lower Upper

45 100

77 11.6 0.0 28.1

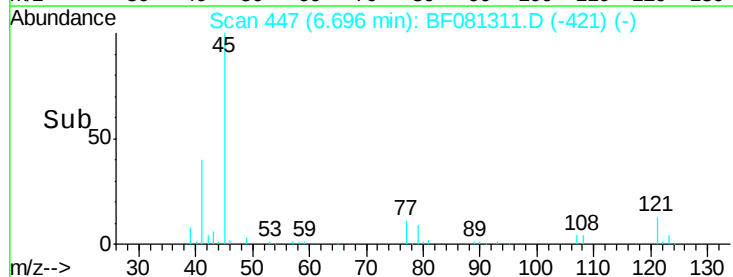
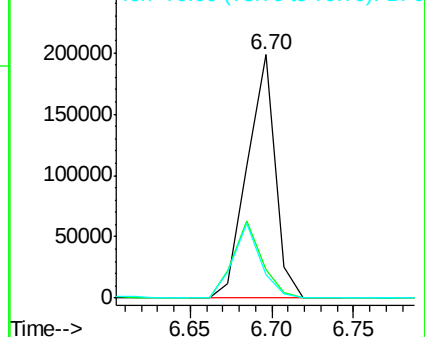
79 9.4 0.0 26.0

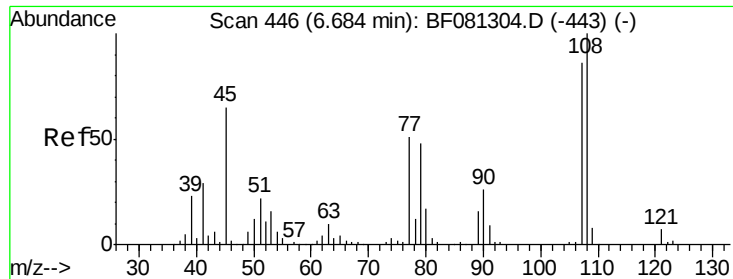


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

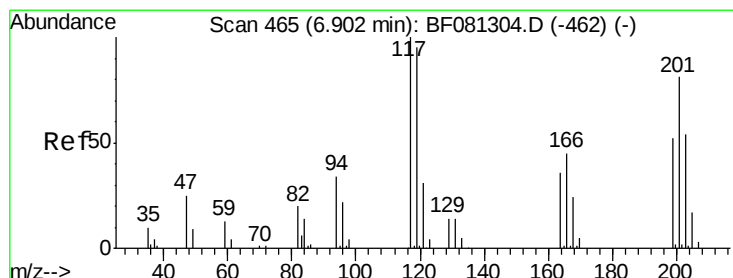
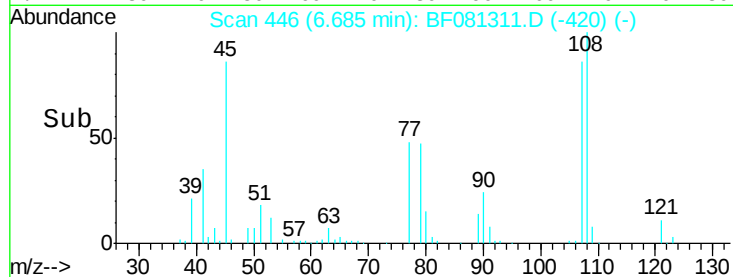
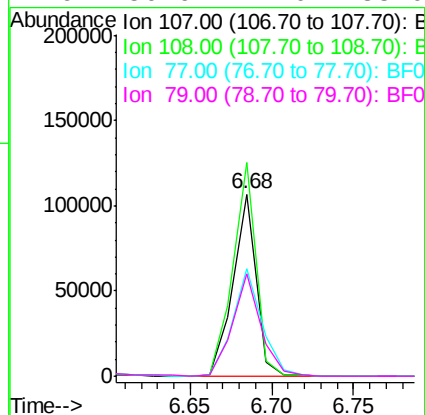
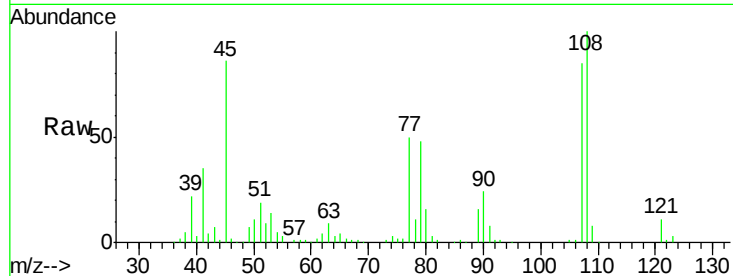




#17
2-Methylphenol
Concen: 34.46 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

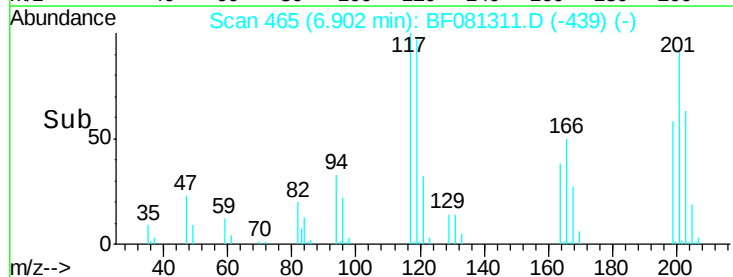
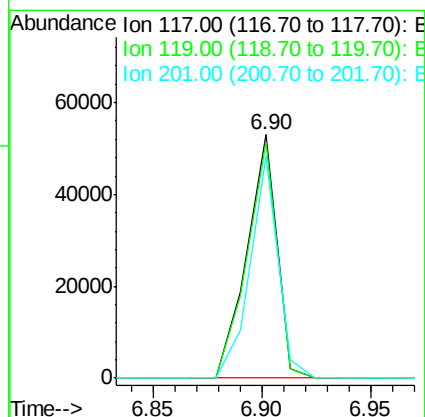
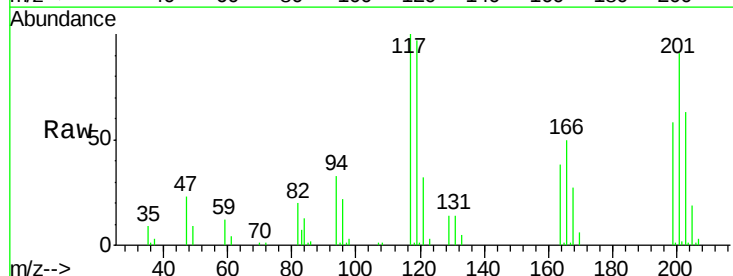
Instrument :
BNA_F
ClientSampleId :

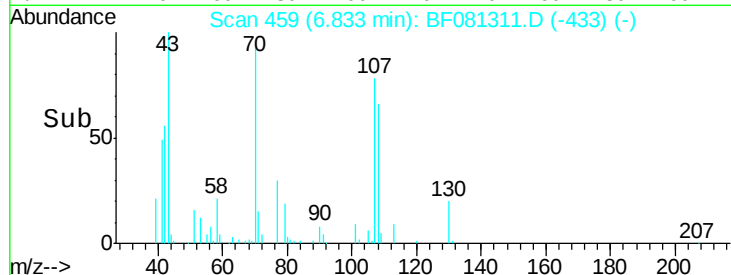
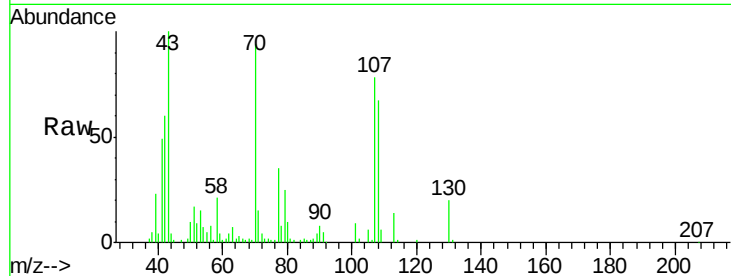
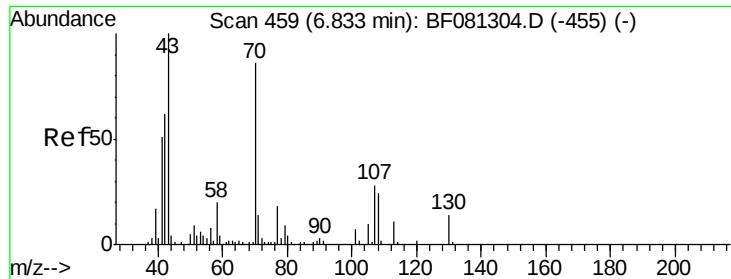
Tot Ion	Ratio	Lower	Upper
107	100		
108	117.3	96.6	145.0
77	59.1	23.3	34.9
79	56.6	22.0	33.0



#18
Hexachloroethane
Concen: 31.67 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	83.8	125.6
201	91.4	55.1	82.7

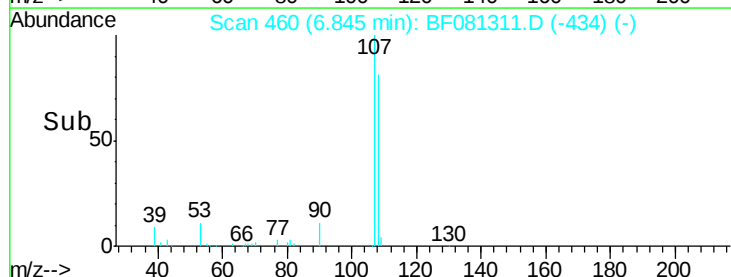
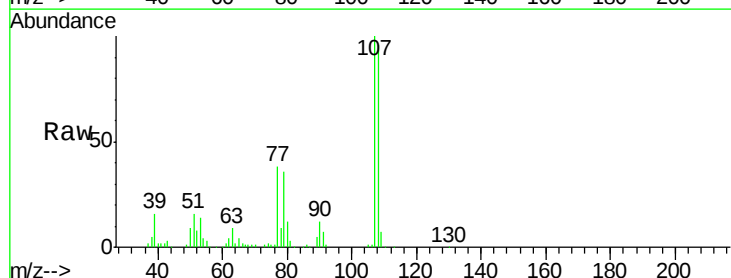
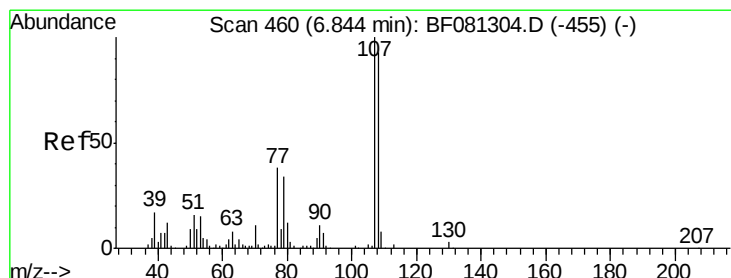
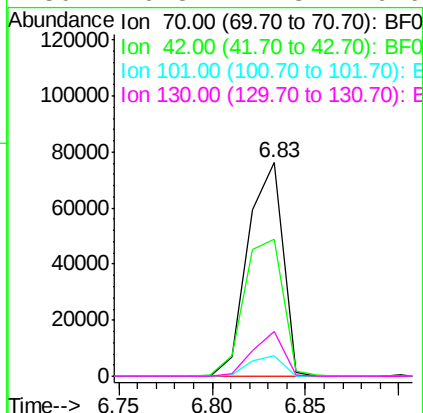




#19
n-Nitroso-di-n-propylamine
Concen: 32.06 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

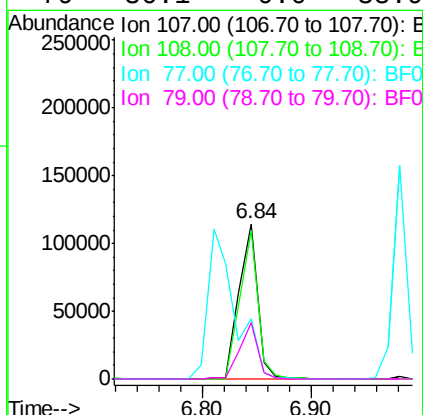
Instrument :
BNA_F
ClientSampleId :

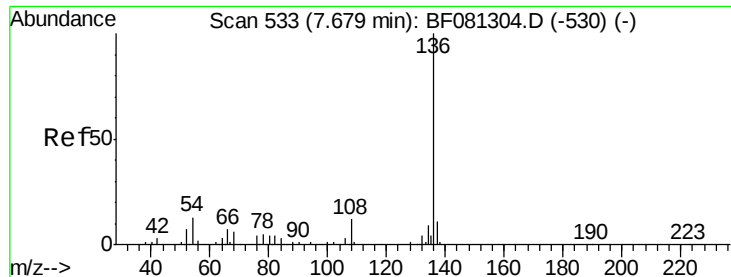
Tot Ion	Ratio	Lower	Upper
70	100		
42	63.9	63.8	95.6
101	9.7	9.2	13.8
130	20.8	27.3	40.9



#20
3+4-Methylphenols
Concen: 33.17 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.6	74.6	114.6
77	38.5	0.7	40.7
79	36.1	0.0	38.9

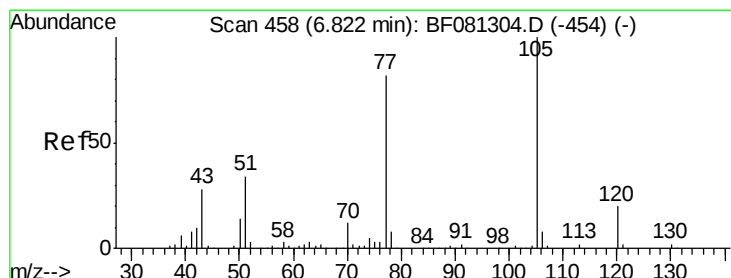
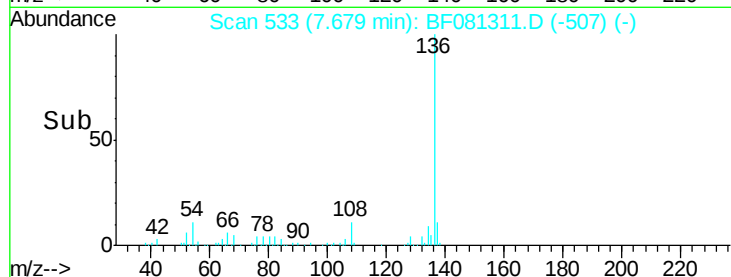
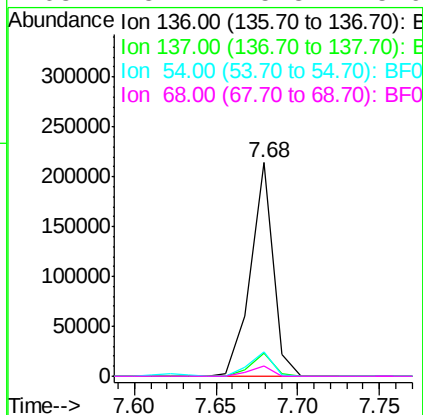
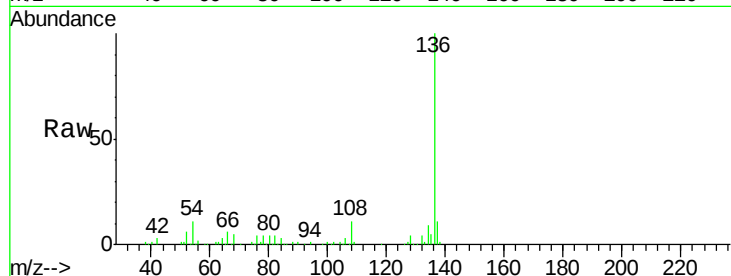




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

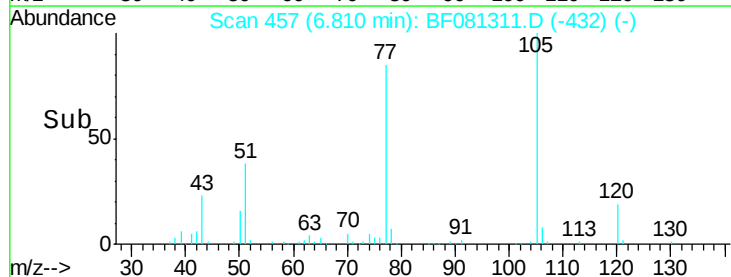
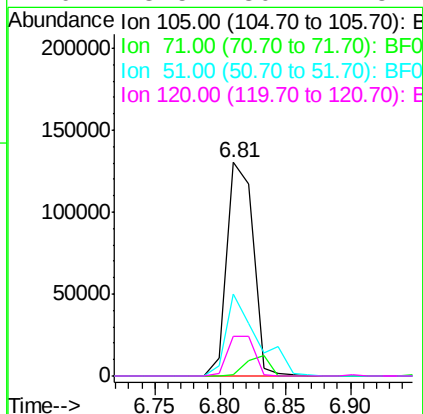
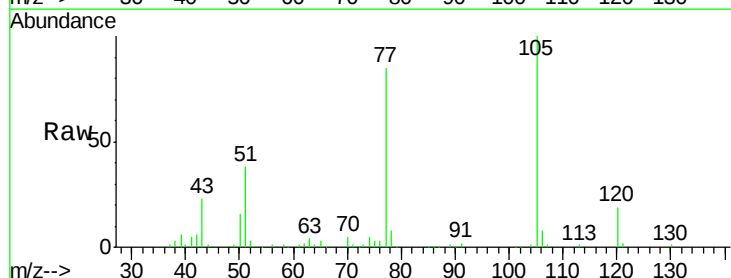
Instrument :
BNA_F
ClientSampleId :

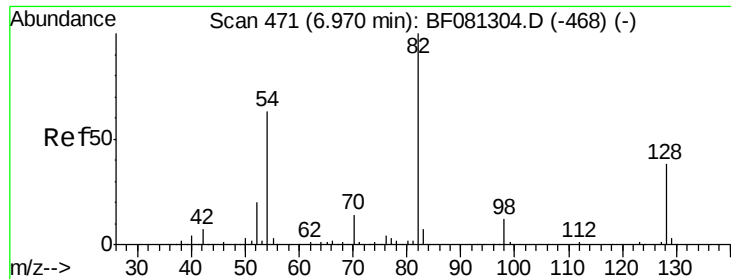
Tot Ion:136	Resp:	205360
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	11.4	8.2 12.2
68	5.1	5.8 8.6#



#22
Acetophenone
Concen: 32.42 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:105	Resp:	181842
Ion Ratio	Lower	Upper
105	100	
71	0.8	4.7 7.1#
51	38.2	22.0 33.0#
120	18.5	30.1 45.1#

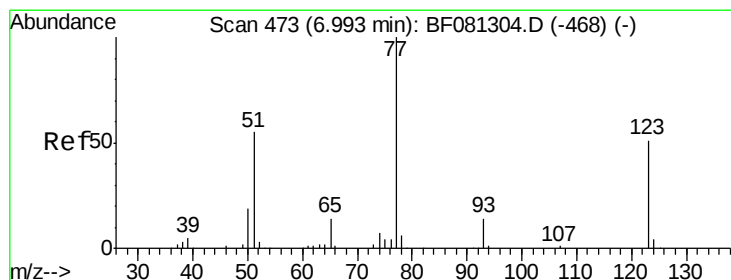
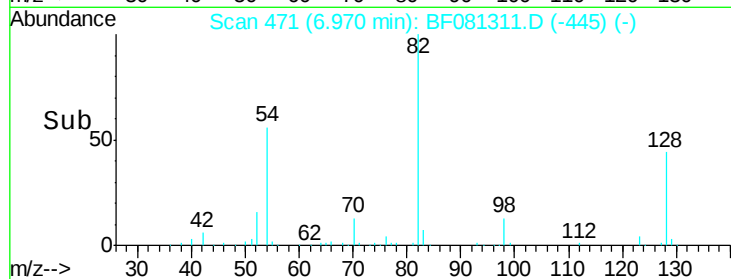
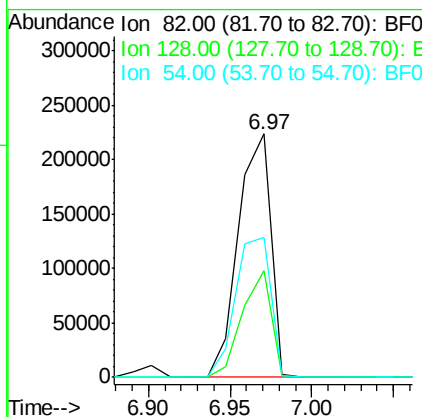
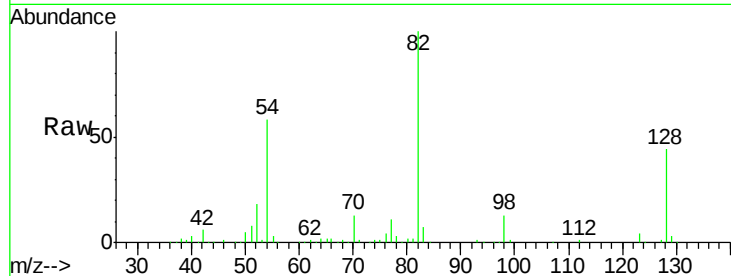




#23
Nitrobenzene-d5
Concen: 72.28 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

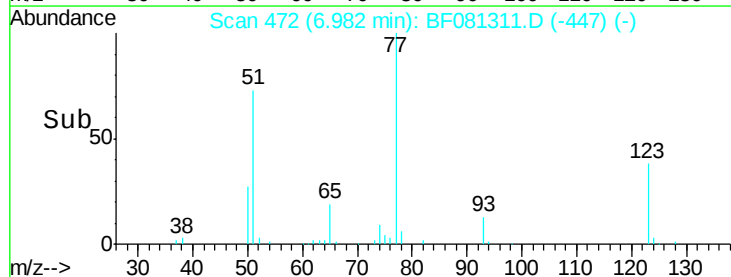
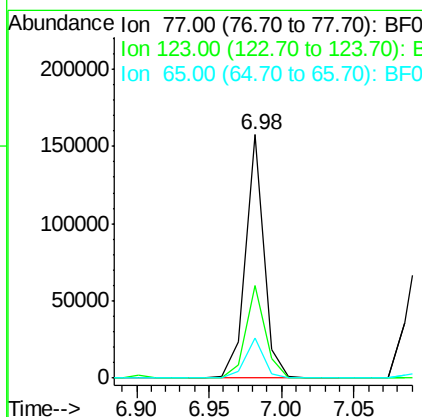
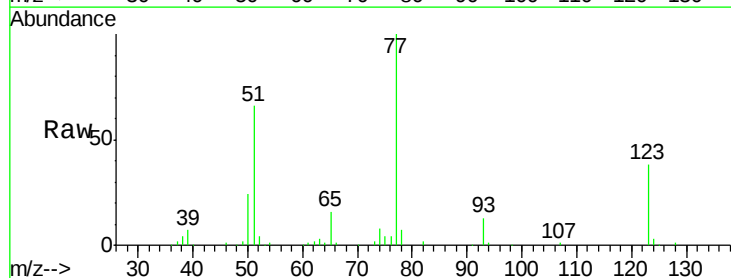
Instrument :
BNA_F
ClientSampled :

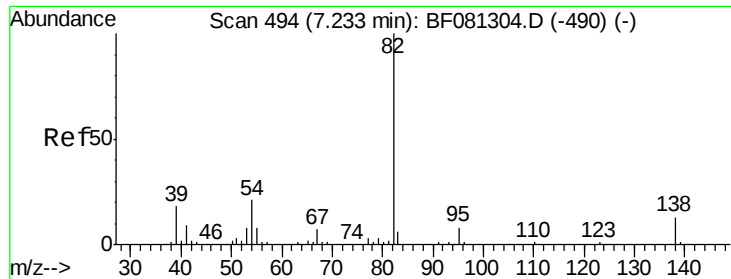
Tot Ion: 82 Resp: 307654
Ion Ratio Lower Upper
82 100
128 43.9 51.0 76.6#
54 57.7 47.5 71.3



#24
Nitrobenzene
Concen: 31.43 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 77 Resp: 138929
Ion Ratio Lower Upper
77 100
123 37.8 59.8 89.8#
65 16.3 10.2 15.4#





#25

Isophorone

Concen: 32.37 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampleId :

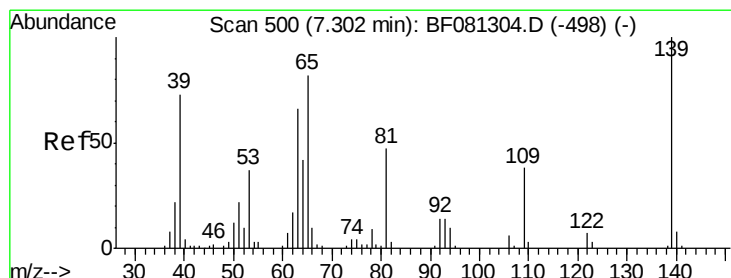
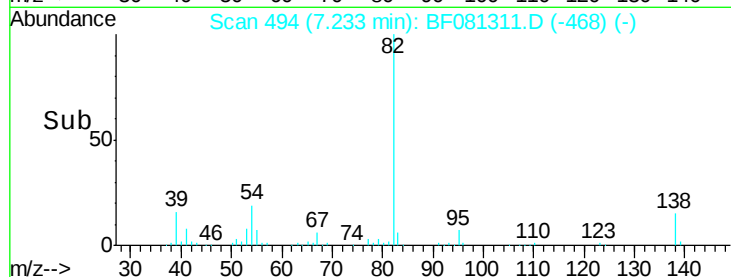
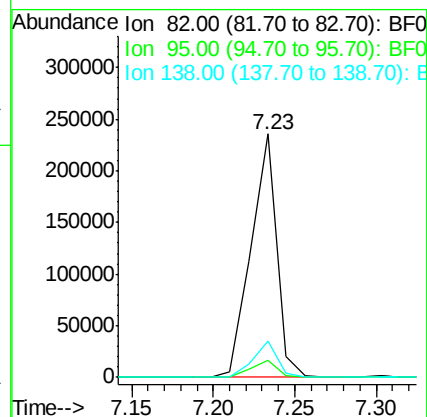
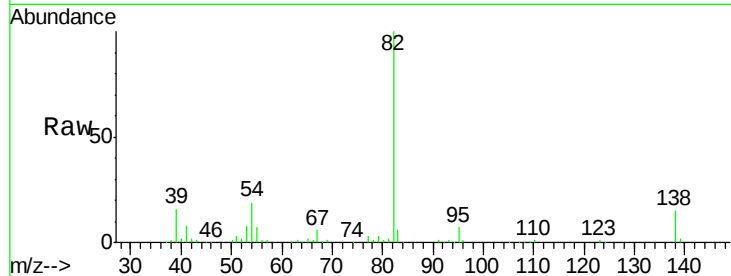
Tot Ion: 82 Resp: 256301

Ion Ratio Lower Upper

82 100

95 7.3 4.0 6.0#

138 15.1 18.3 27.5#



#26

2-Nitrophenol

Concen: 31.72 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

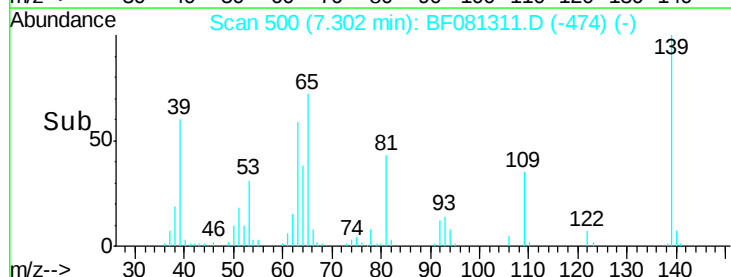
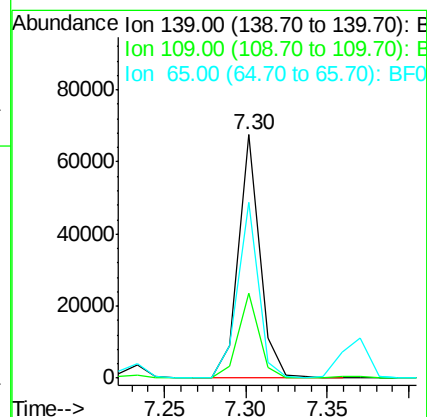
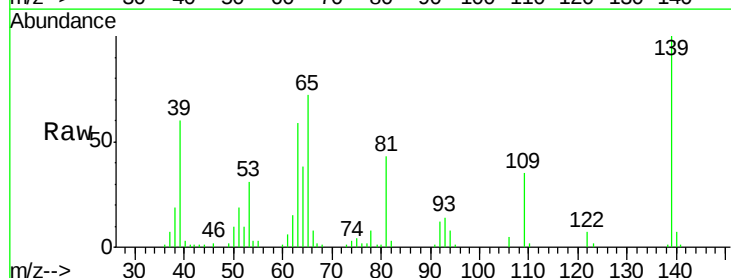
Tgt Ion: 139 Resp: 61103

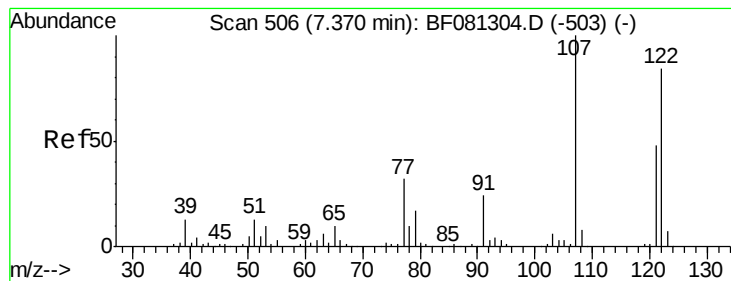
Ion Ratio Lower Upper

139 100

109 34.7 11.0 16.4#

65 72.3 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 34.73 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampleId :

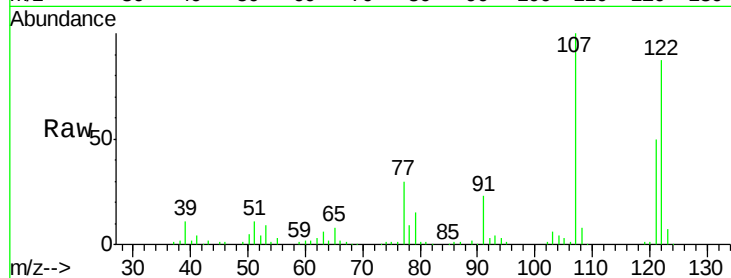
Tot Ion:122 Resp: 115576

Ion Ratio Lower Upper

122 100

107 115.2 71.8 107.6#

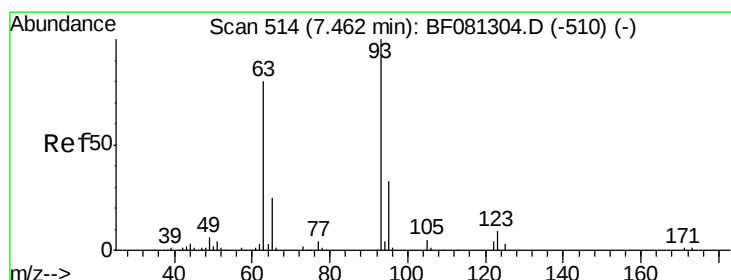
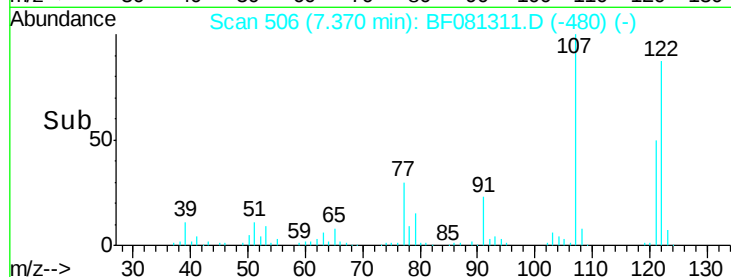
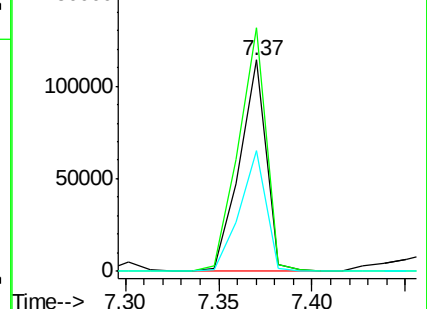
121 57.4 42.3 63.5



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: 33.33 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

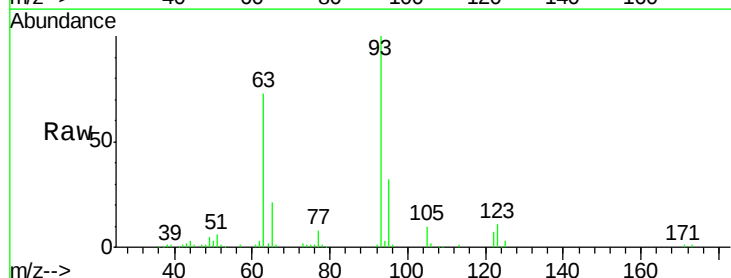
Tgt Ion: 93 Resp: 152410

Ion Ratio Lower Upper

93 100

95 32.2 27.5 41.3

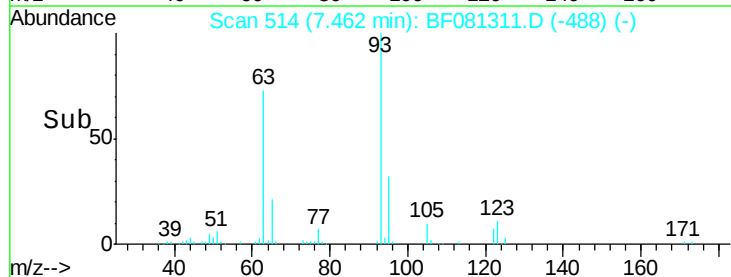
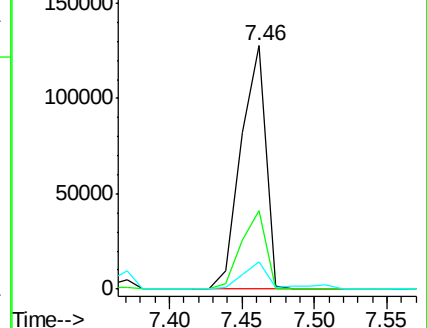
123 11.2 13.7 20.5#

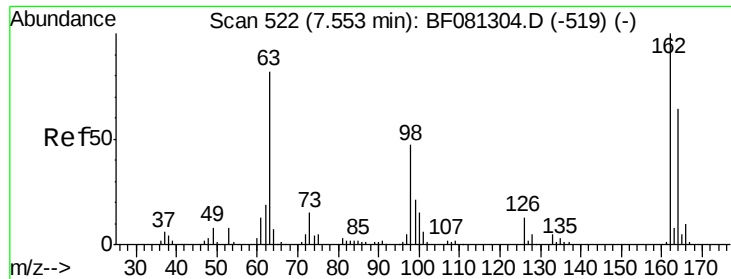


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

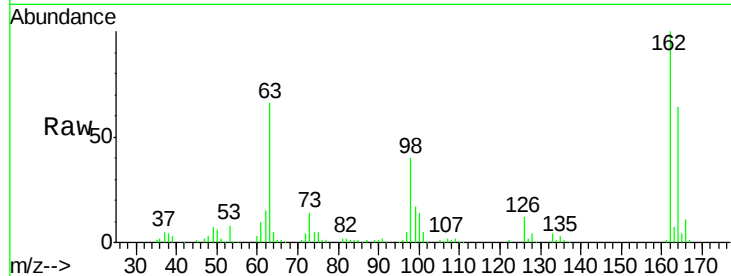




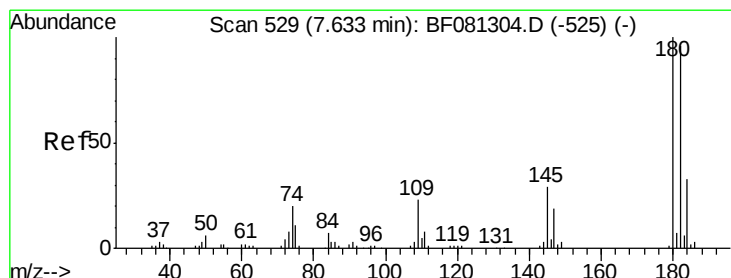
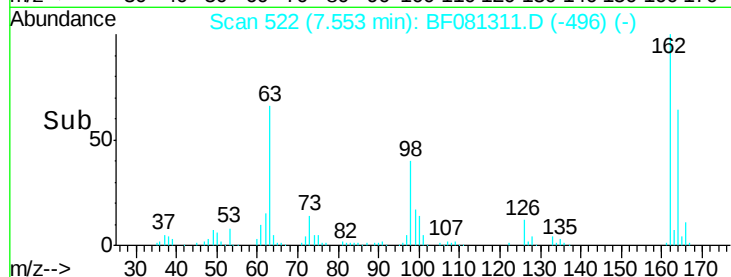
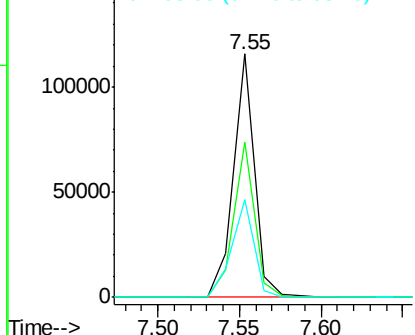
#29
 2,4-Dichlorophenol
 Concen: 35.28 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.9	84.9
98	40.1	13.0	53.0

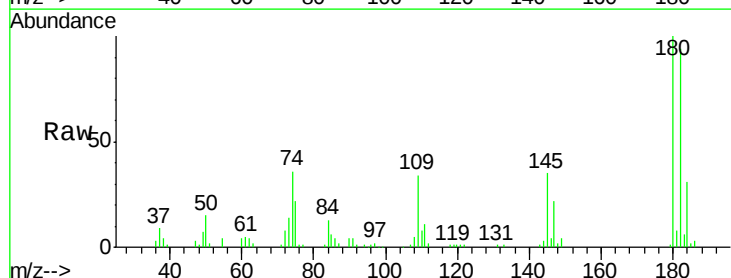


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

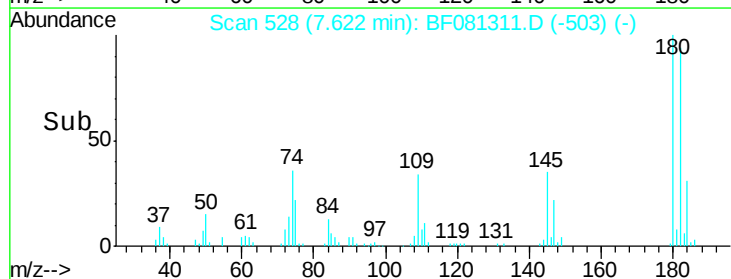
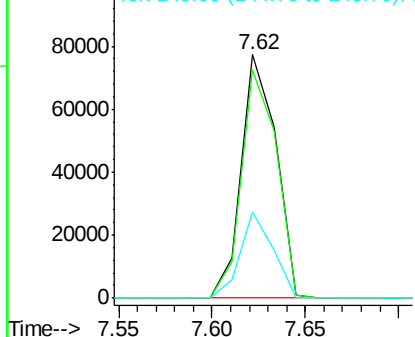


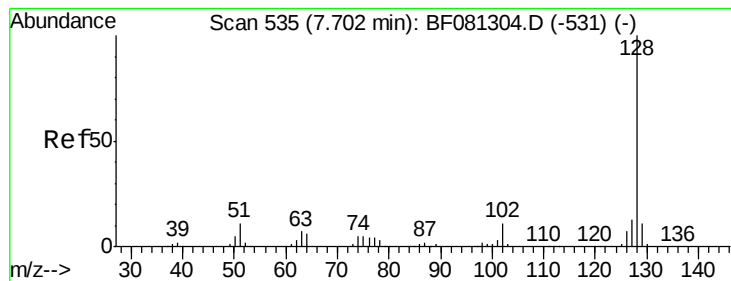
#30
 1,2,4-Trichlorobenzene
 Concen: 31.81 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.1	115.7
145	35.2	23.3	34.9



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: 33.71 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampled :

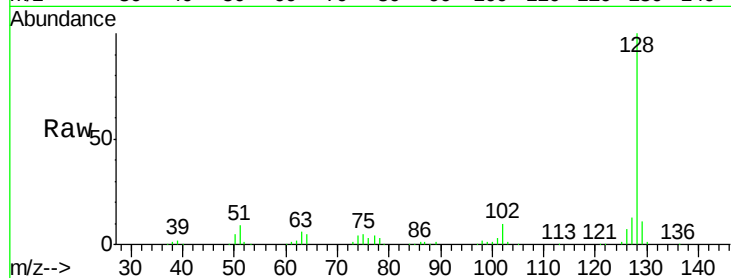
Tot Ion:128 Resp: 369241

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

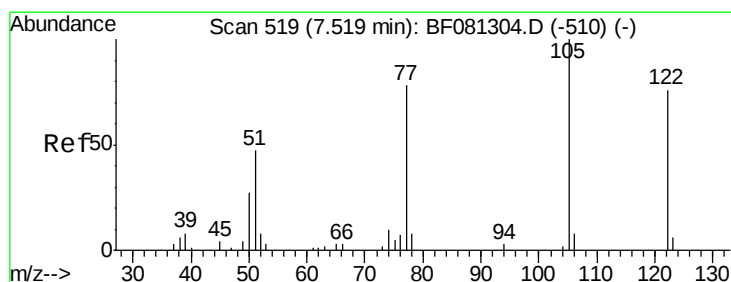
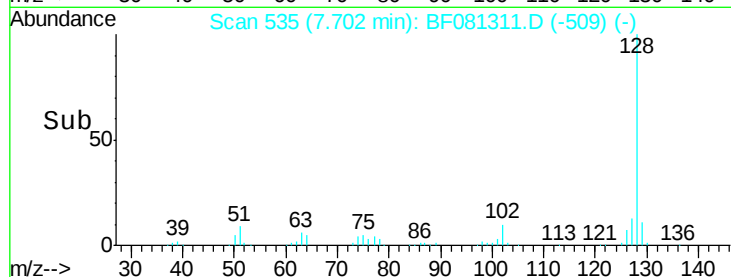
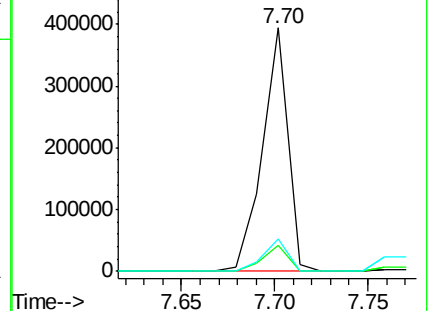
127 13.2 9.9 14.9



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: 29.53 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

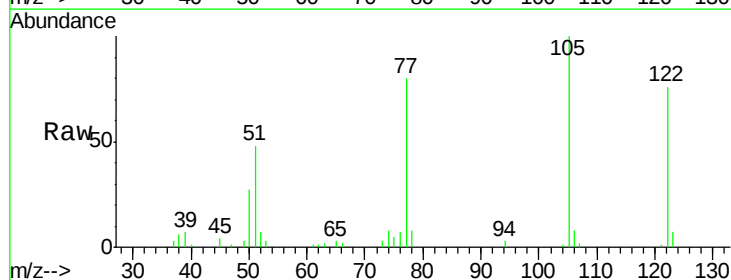
Tgt Ion:122 Resp: 67689

Ion Ratio Lower Upper

122 100

105 131.0 76.1 116.1#

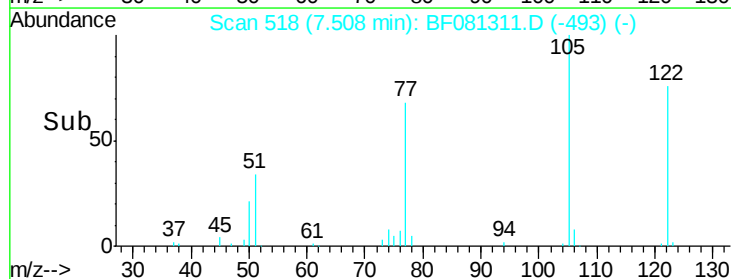
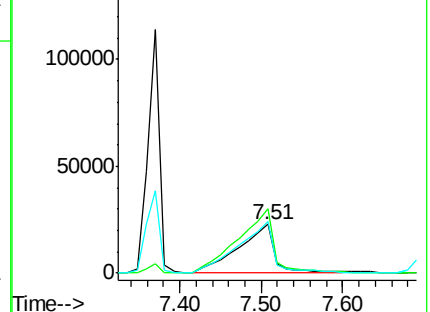
77 104.8 40.5 80.5#

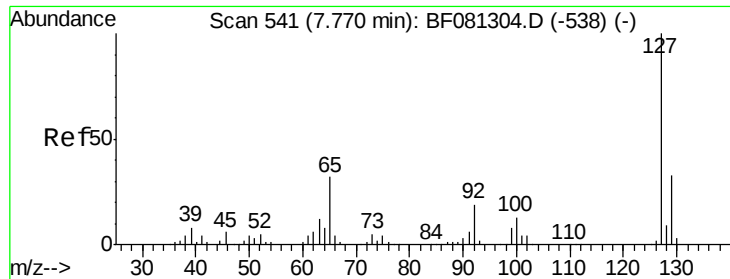


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

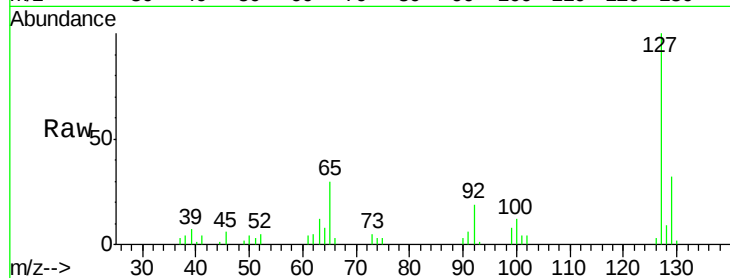




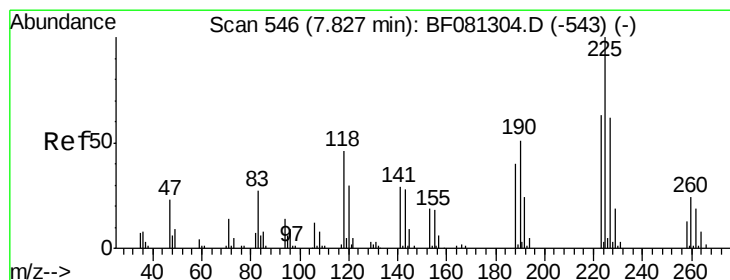
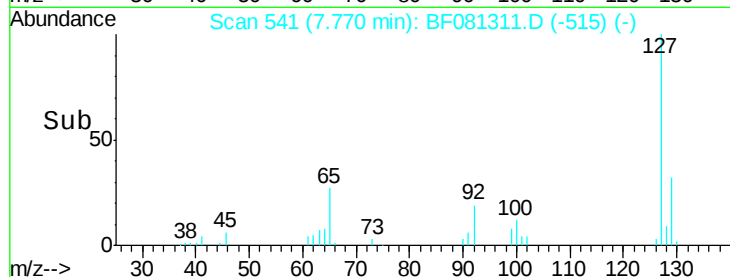
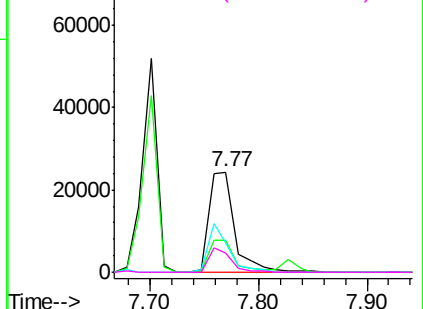
#33
4-Chloroaniline
Concen: 9.11 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	40683
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	29.8	17.9	26.9#
92	18.7	10.5	15.7#

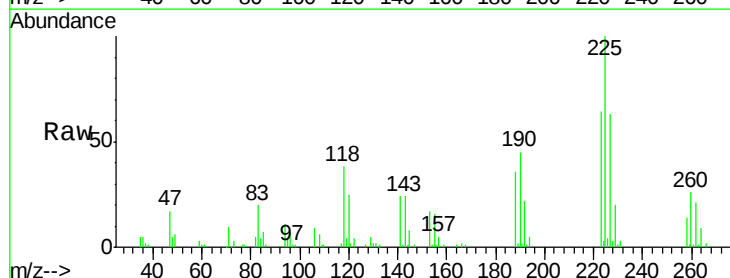


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

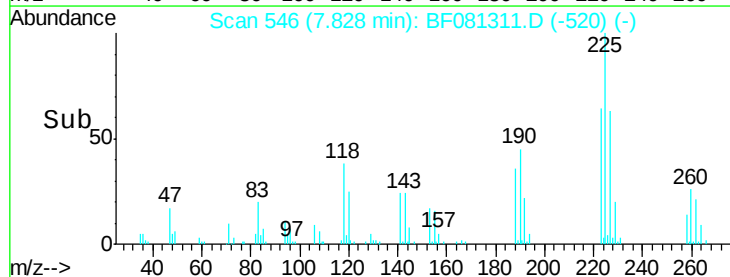
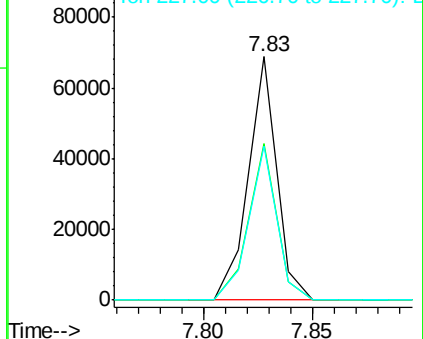


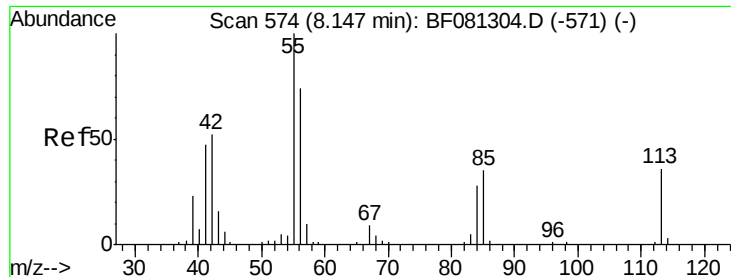
#34
Hexachlorobutadiene
Concen: 32.83 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:	225	Resp:	62636
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.2	75.2
227	63.1	52.2	78.2



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: 24.18 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampleId :

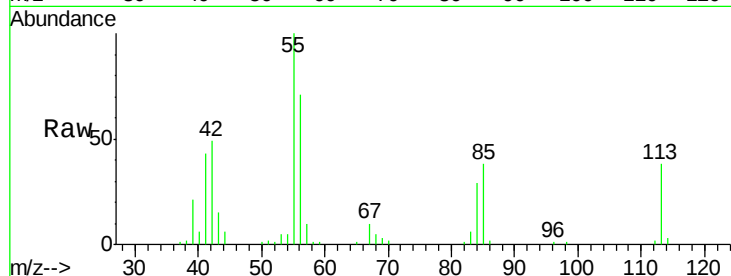
Tot Ion:113 Resp: 21400

Ion Ratio Lower Upper

113 100

55 261.0 152.4 192.4#

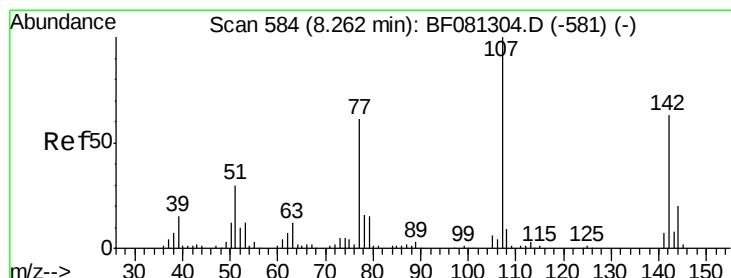
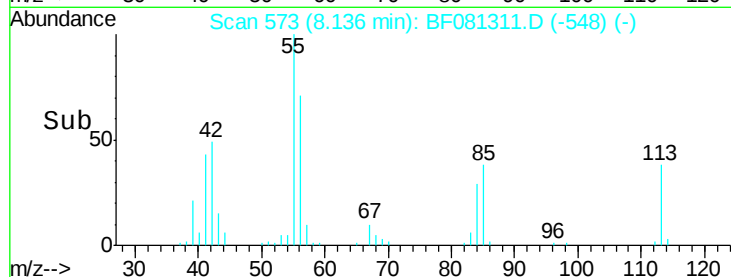
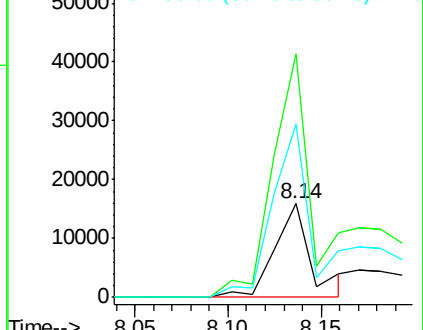
56 185.5 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.77 ng

RT: 8.27 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

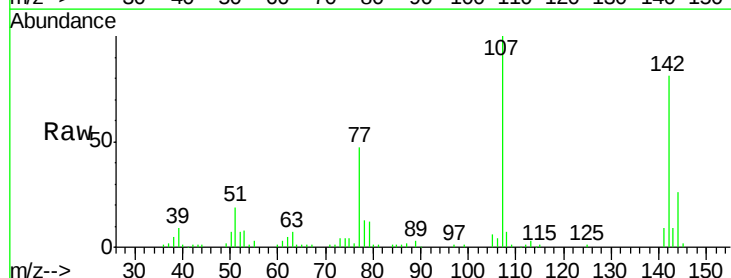
Tgt Ion:107 Resp: 115544

Ion Ratio Lower Upper

107 100

144 26.5 25.4 38.0

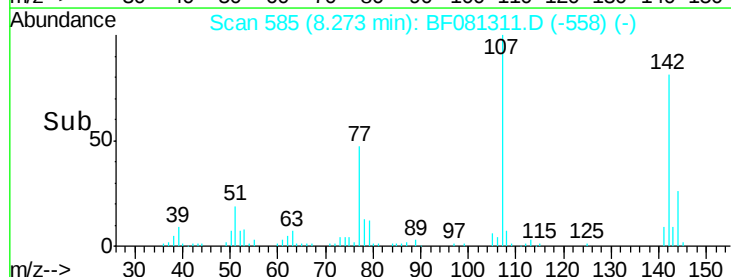
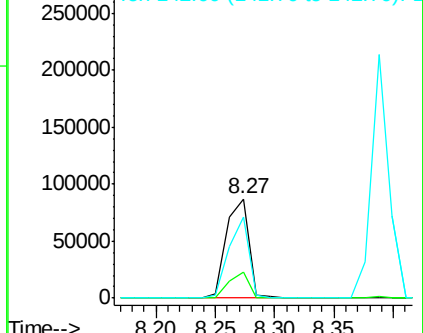
142 81.4 77.3 115.9

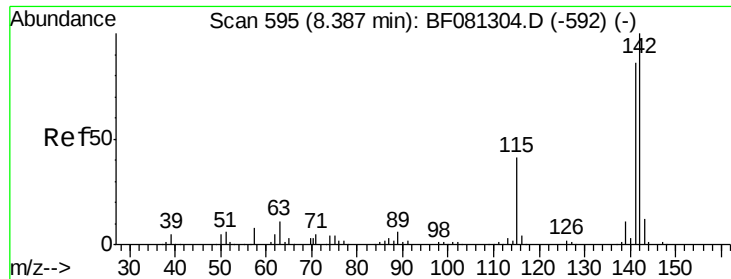


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

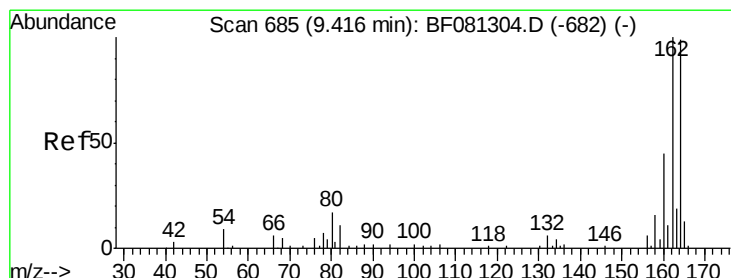
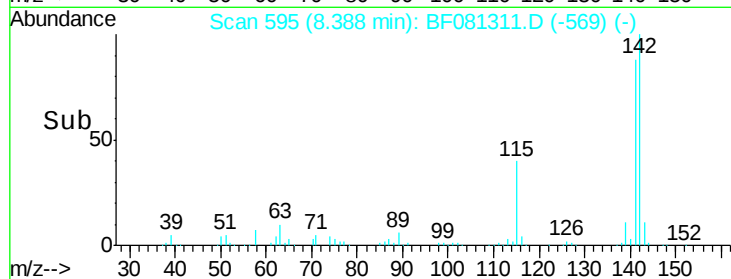
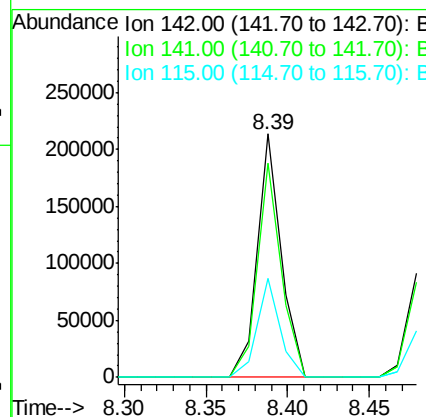
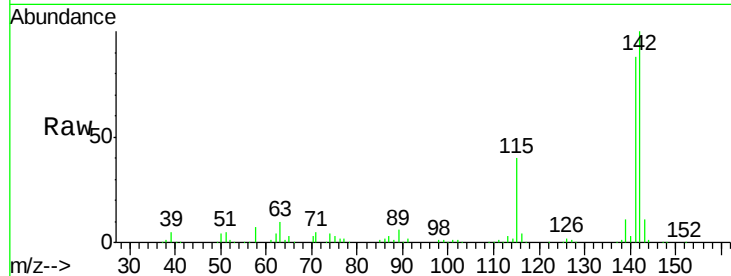




#37
 2-Methylnaphthalene
 Concen: 30.72 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

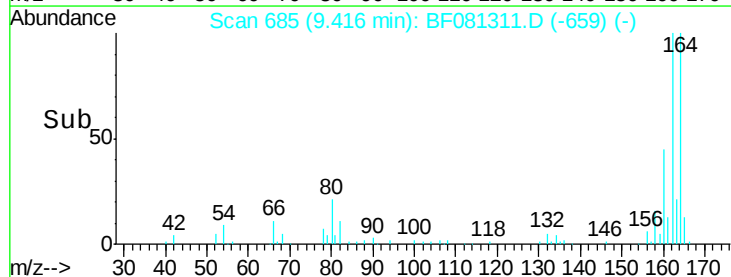
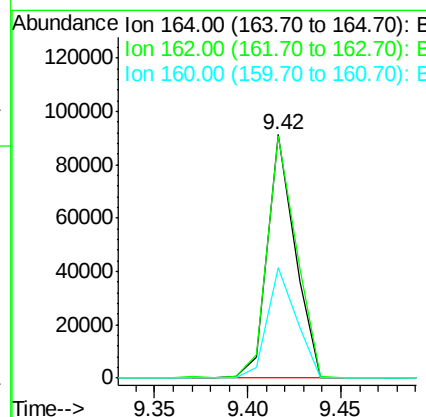
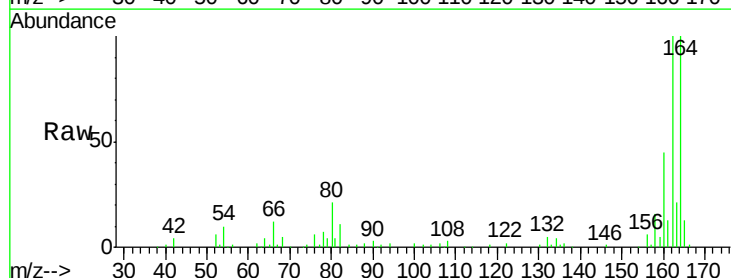
Instrument :
 BNA_F
 ClientSampleId :

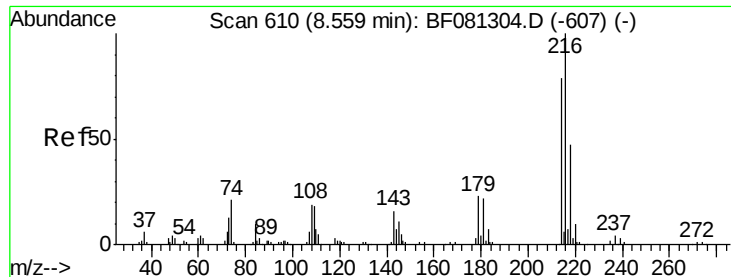
Tot Ion:142 Resp: 218965
 Ion Ratio Lower Upper
 142 100
 141 87.8 67.5 101.3
 115 40.4 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Tgt Ion:164 Resp: 93112
 Ion Ratio Lower Upper
 164 100
 162 99.5 75.2 112.8
 160 45.3 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.83 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 105498

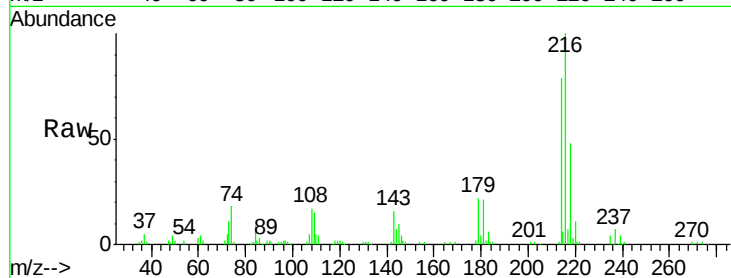
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 22.2 16.6 24.8

108 22.6 16.3 24.5

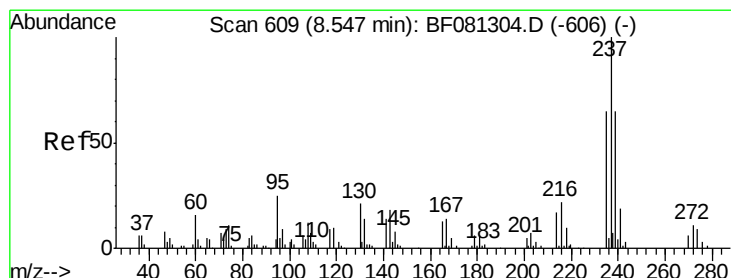
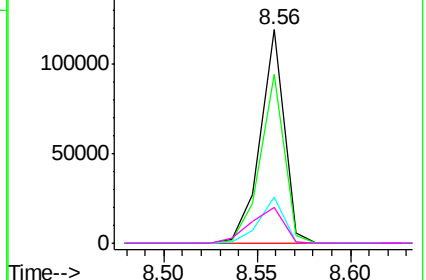
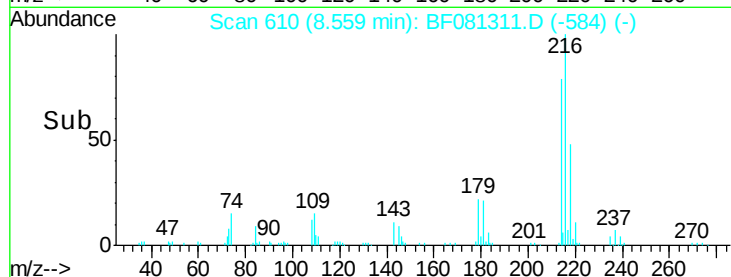


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.93 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

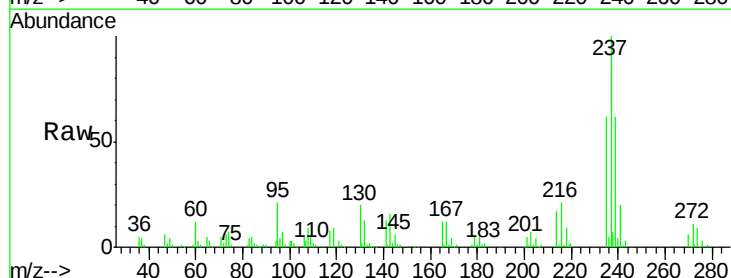
Tgt Ion:237 Resp: 115511

Ion Ratio Lower Upper

237 100

235 61.8 42.0 82.0

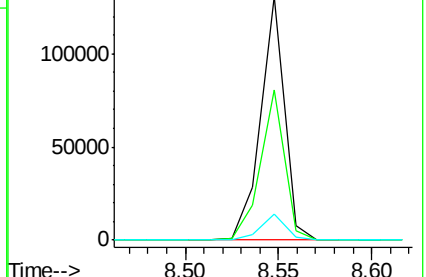
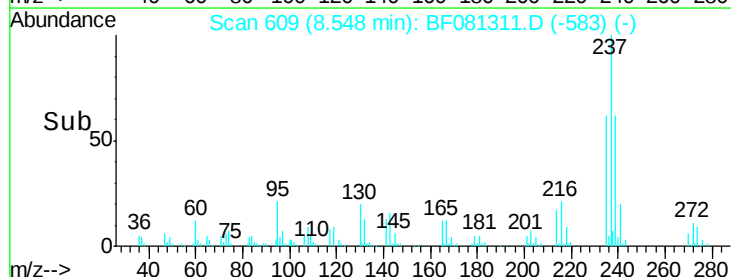
272 10.8 0.0 36.1

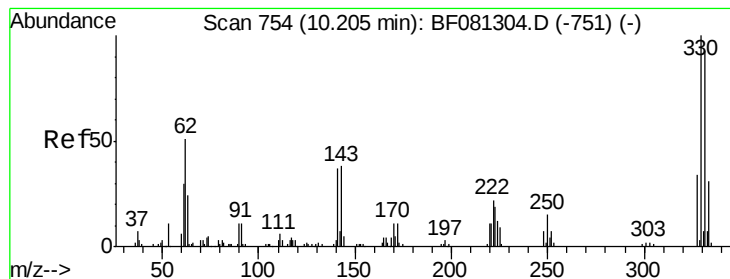


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 111.06 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampled :

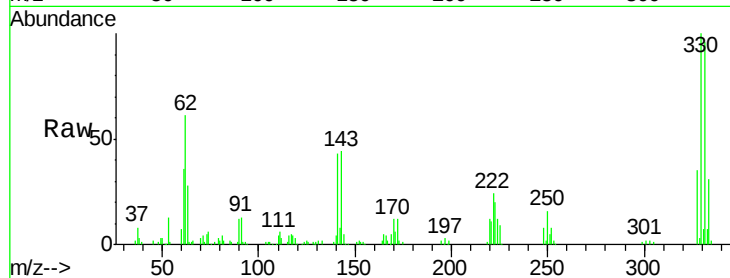
Tot Ion:330 Resp: 92075

Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

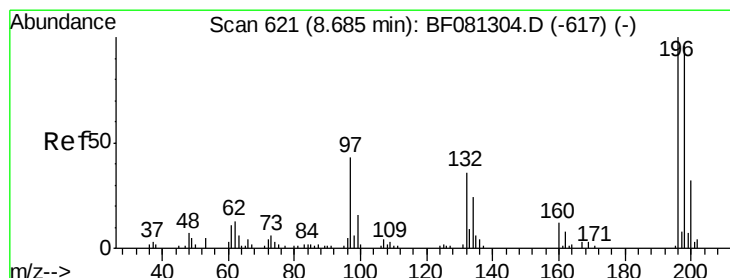
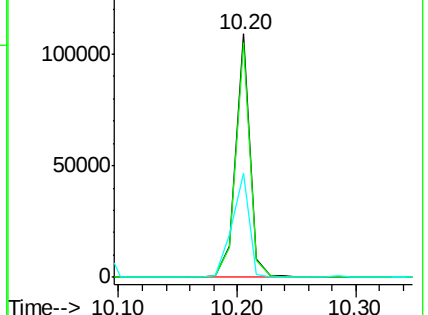
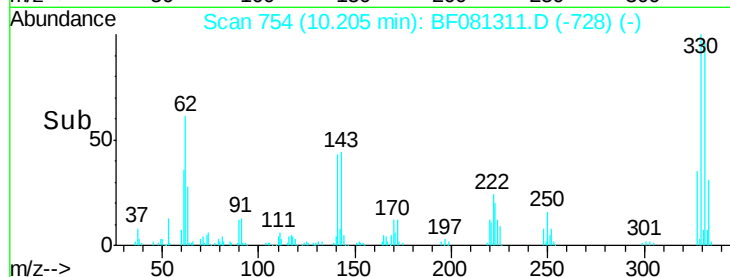
141 51.1 29.7 44.5#



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: 31.25 ng

RT: 8.68 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

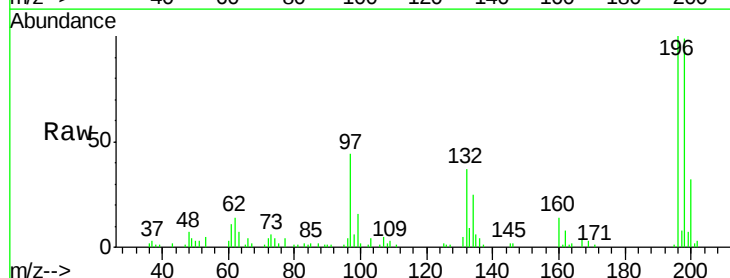
Tgt Ion:196 Resp: 63506

Ion Ratio Lower Upper

196 100

198 99.5 75.7 113.5

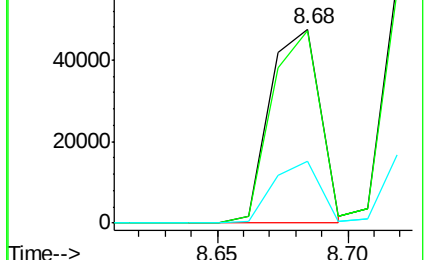
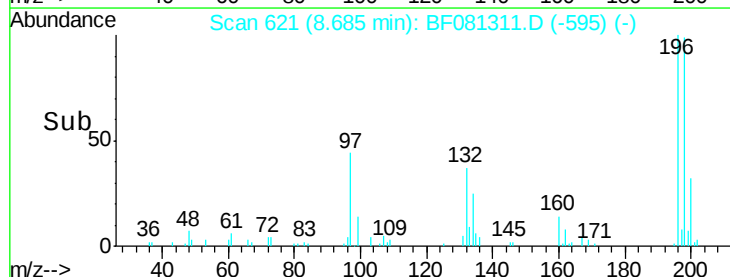
200 32.0 23.9 35.9

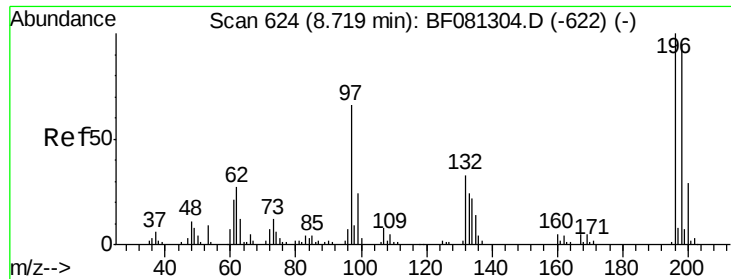


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

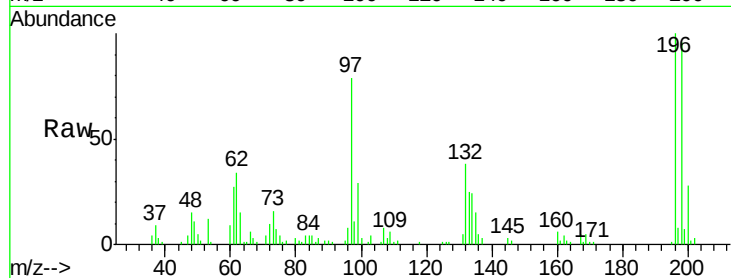




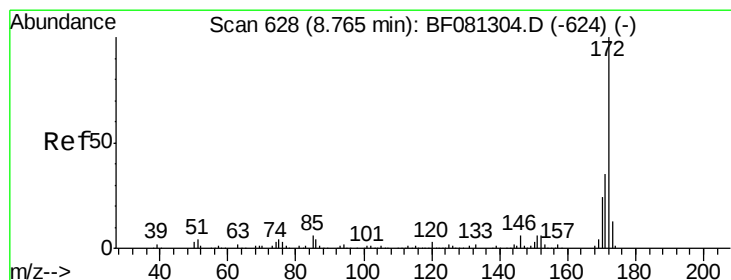
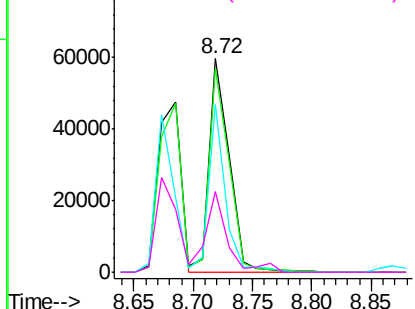
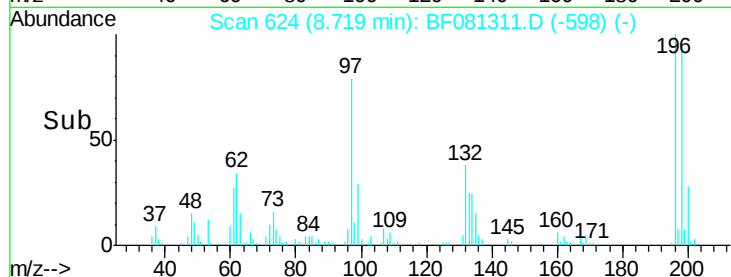
#43
 2,4,5-Trichlorophenol
 Concen: 33.52 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 69488
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.4 113.0
 97 78.6 33.3 49.9#
 132 37.8 24.6 37.0#

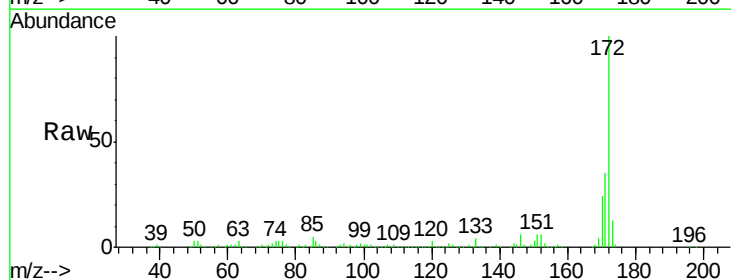


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

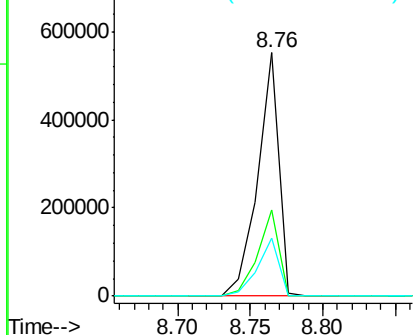
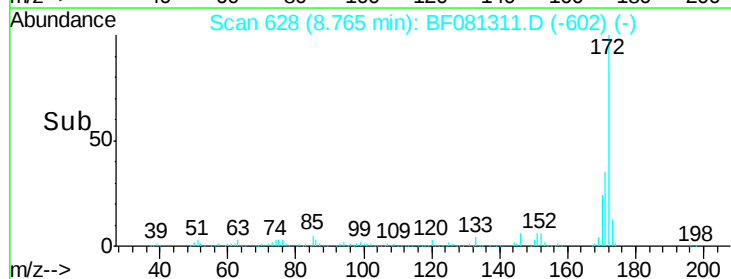


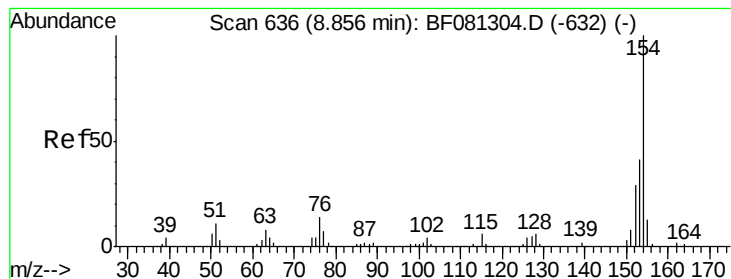
#44
 2-Fluorobiphenyl
 Concen: 76.64 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Tgt Ion:172 Resp: 556865
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.1 39.1
 170 23.7 17.4 26.2



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: 32.83 ng

RT: 8.86 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampled :

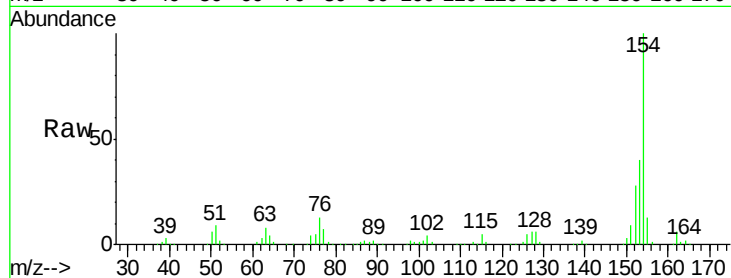
Tot Ion:154 Resp: 281194

Ion Ratio Lower Upper

154 100

153 40.2 17.1 57.1

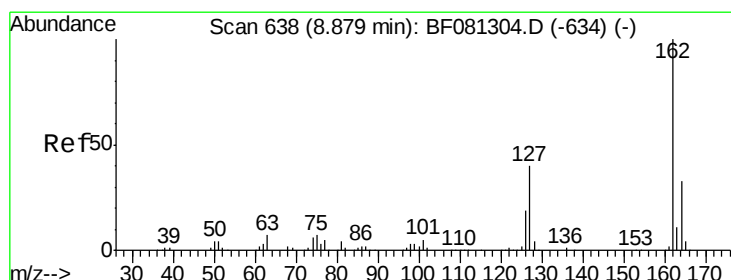
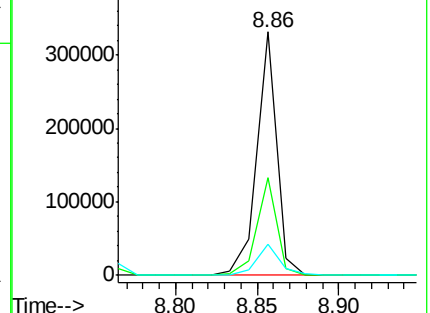
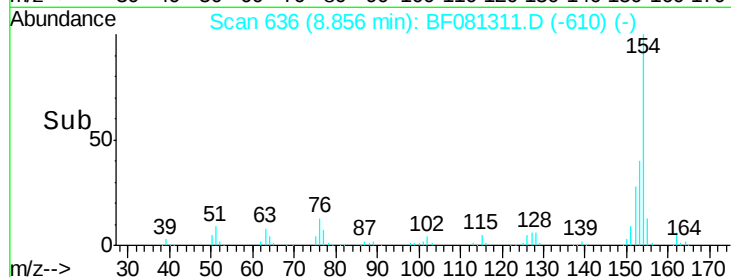
76 12.6 0.0 31.6



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: 32.06 ng

RT: 8.87 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

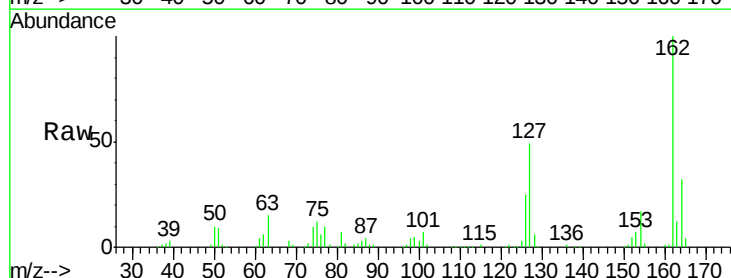
Tgt Ion:162 Resp: 198330

Ion Ratio Lower Upper

162 100

127 49.4 27.6 41.4#

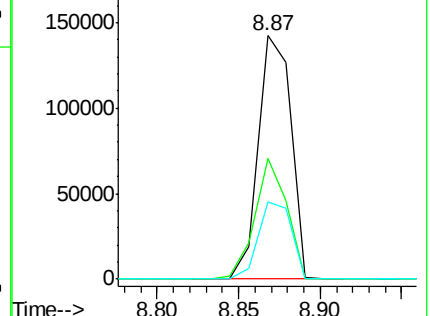
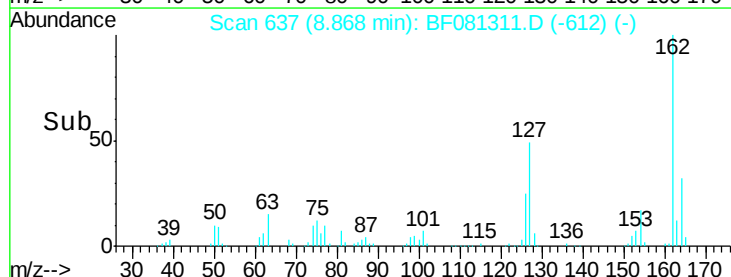
164 31.9 25.4 38.2

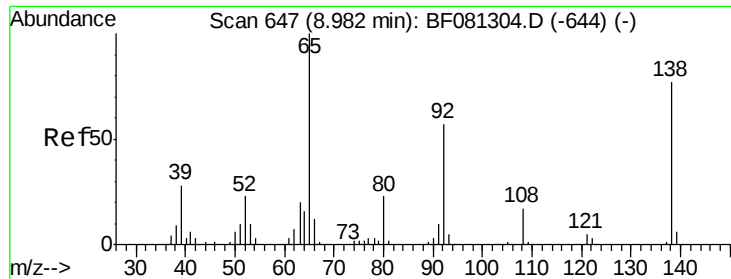


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

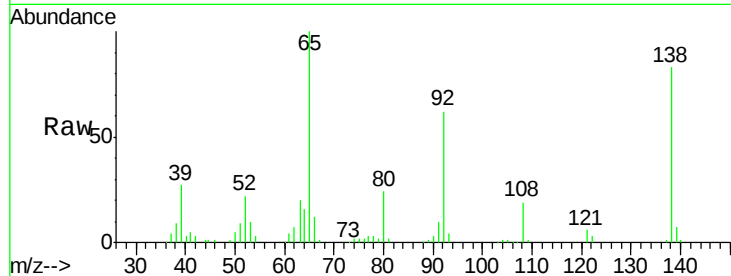




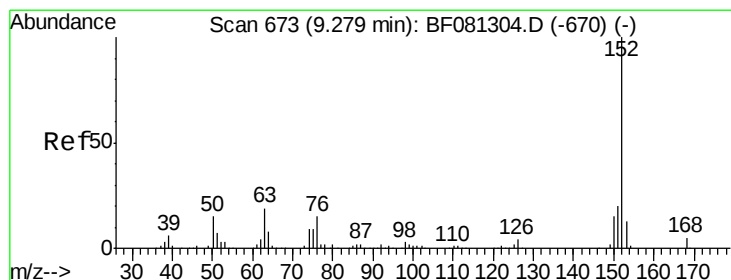
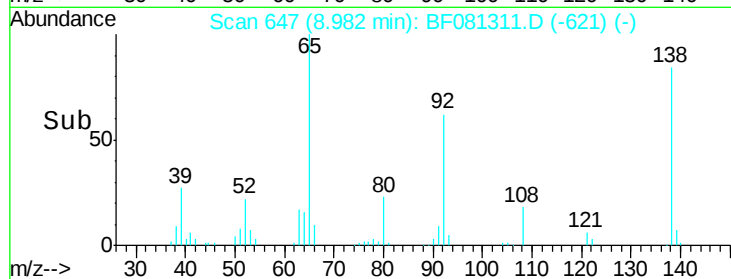
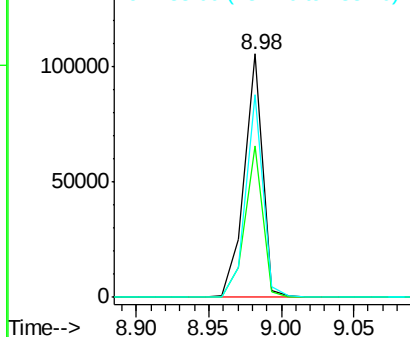
#47
2-Nitroaniline
Concen: 36.82 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 92835
Ion Ratio Lower Upper
65 100
92 62.0 55.4 83.0
138 83.2 115.5 173.3#

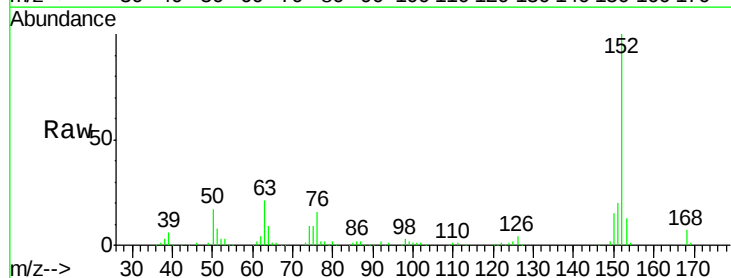


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

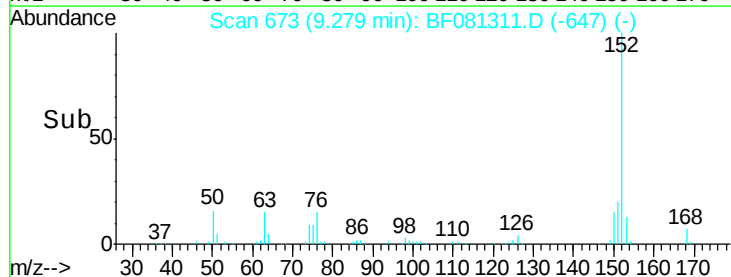
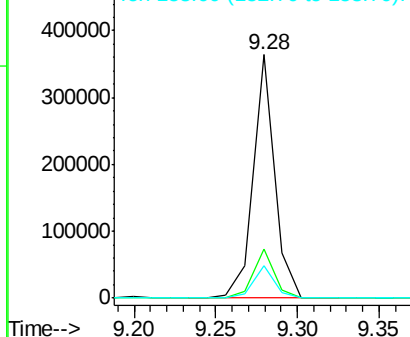


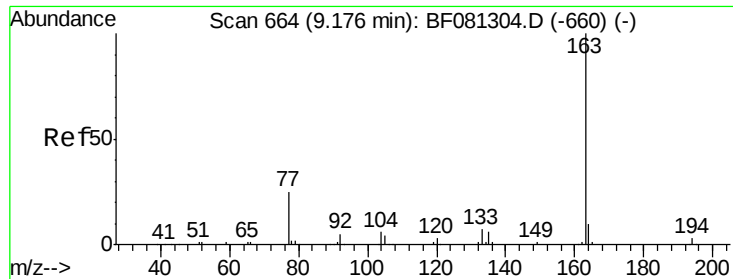
#48
Acenaphthylene
Concen: 30.34 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 152 Resp: 333002
Ion Ratio Lower Upper
152 100
151 20.2 14.6 22.0
153 13.3 10.3 15.5



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

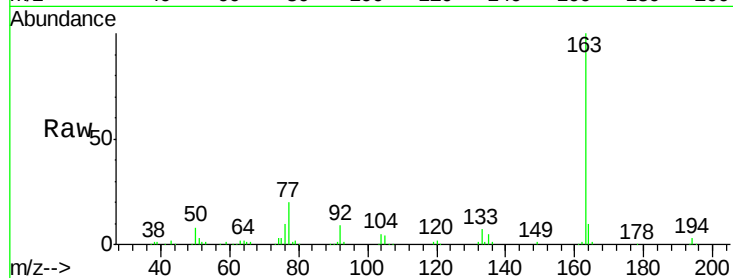




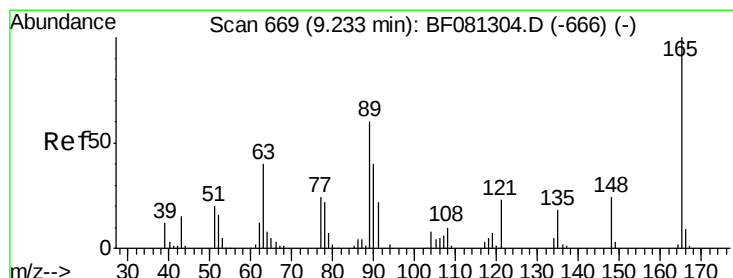
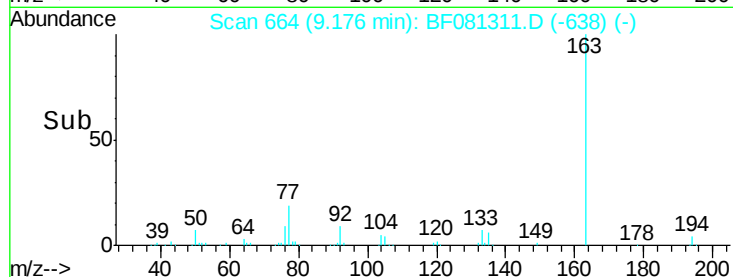
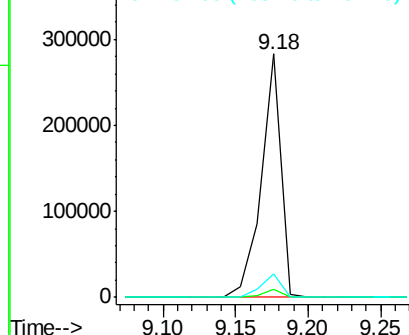
#49
Dimethylphthalate
Concen: 36.68 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 265343
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 9.9 8.3 12.5

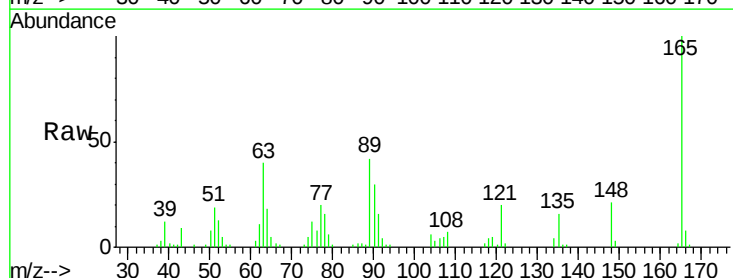


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

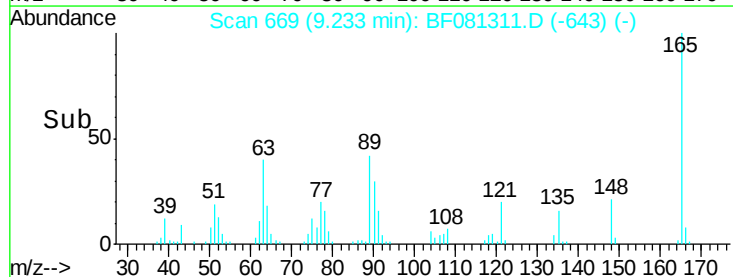
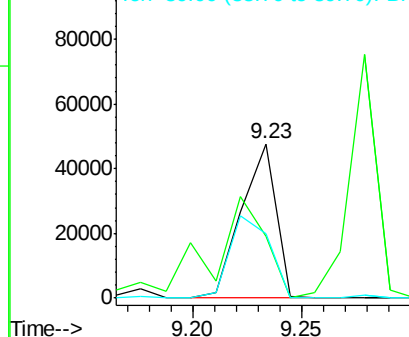


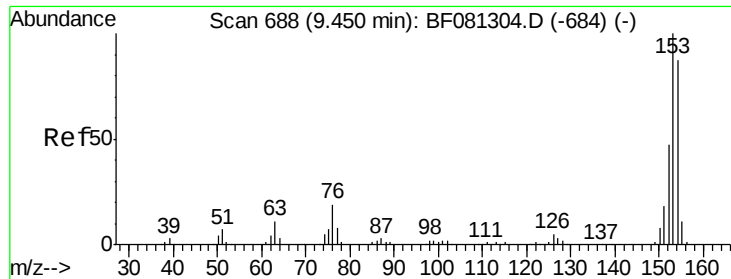
#50
2,6-Dinitrotoluene
Concen: 32.02 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:165 Resp: 52567
Ion Ratio Lower Upper
165 100
63 39.6 32.3 48.5
89 42.1 28.6 43.0



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





#51

Acenaphthene

Concen: 31.31 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampleId :

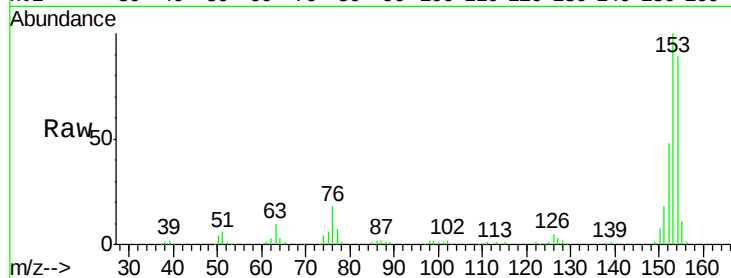
Tot Ion:154 Resp: 195492

Ion Ratio Lower Upper

154 100

153 112.6 82.1 123.1

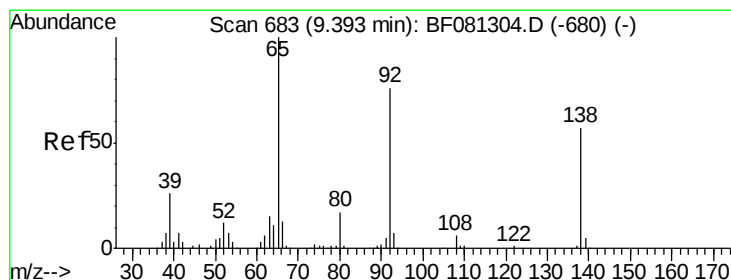
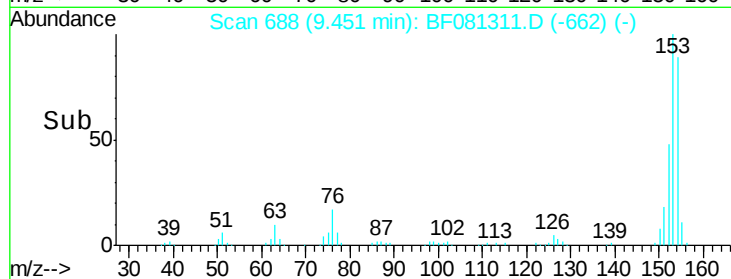
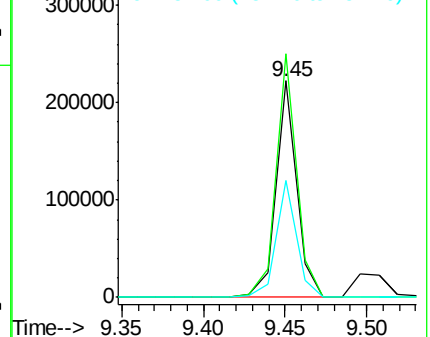
152 54.2 37.9 56.9



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: 15.44 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

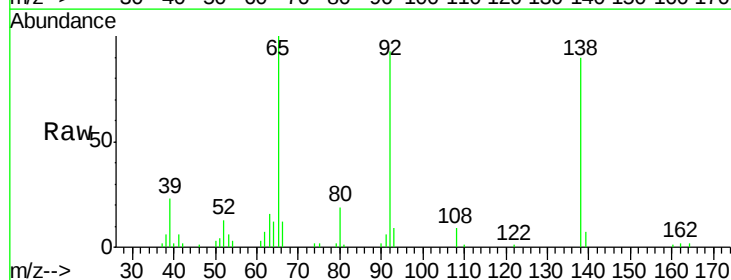
Tgt Ion:138 Resp: 28865

Ion Ratio Lower Upper

138 100

108 9.9 5.7 8.5#

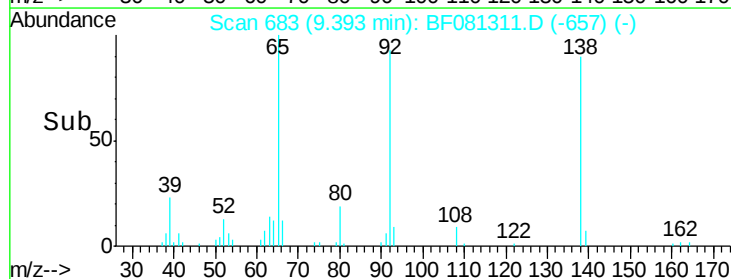
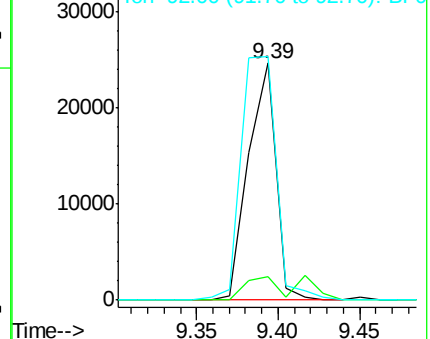
92 102.7 67.7 101.5#

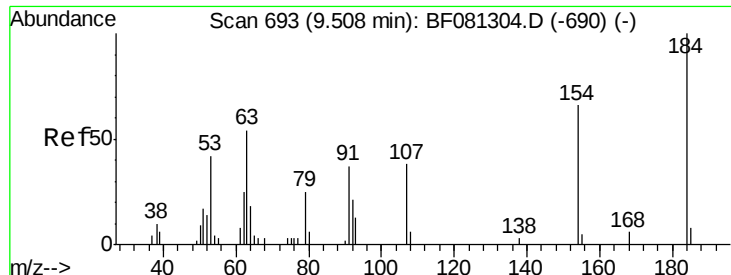


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

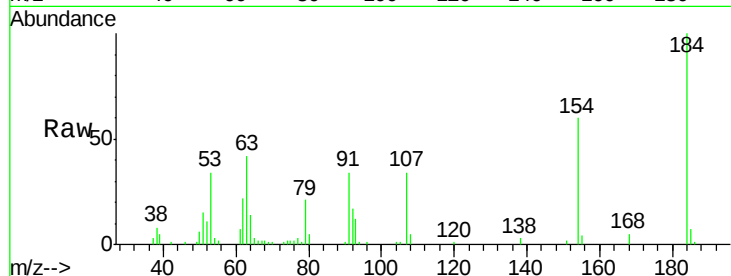




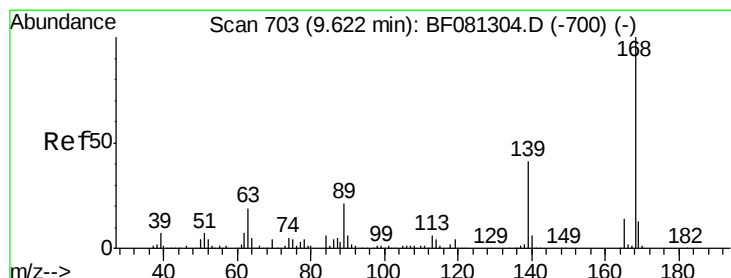
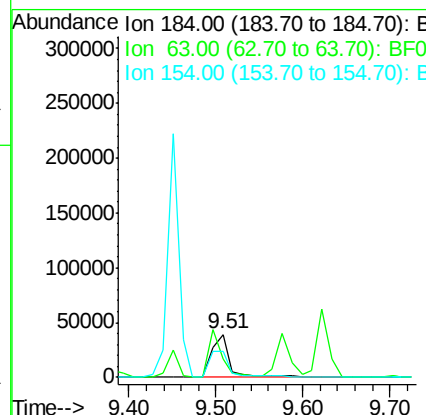
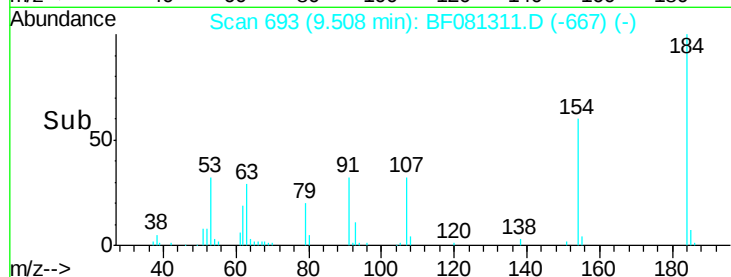
#53
2,4-Dinitrophenol
Concen: 81.76 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 56541
Ion Ratio Lower Upper
184 100
63 42.2 35.4 53.2
154 59.7 32.2 48.4#

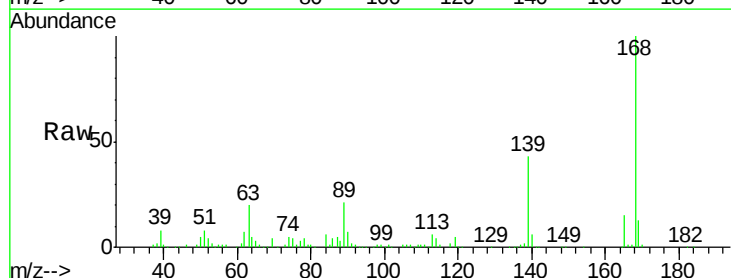


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

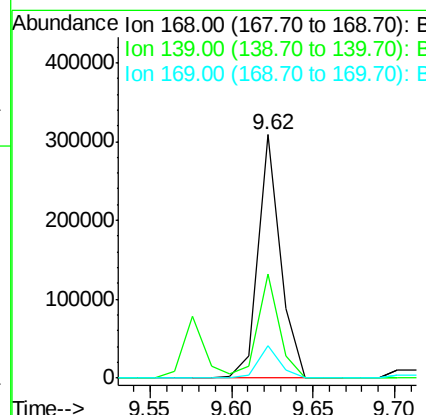
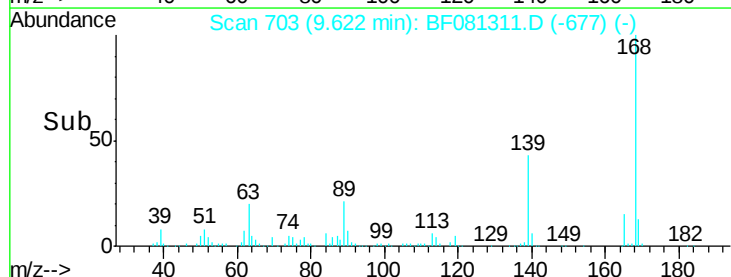


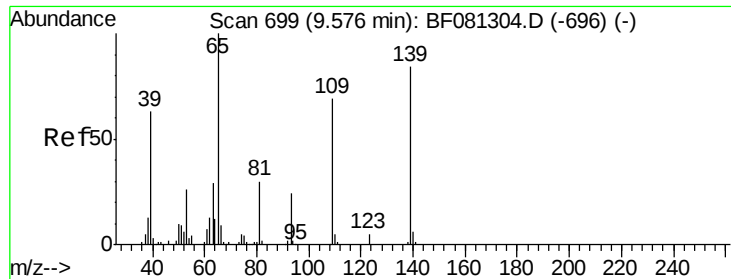
#54
Dibenzofuran
Concen: 32.32 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:168 Resp: 294627
Ion Ratio Lower Upper
168 100
139 43.0 24.2 36.2#
169 13.4 10.6 15.8



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

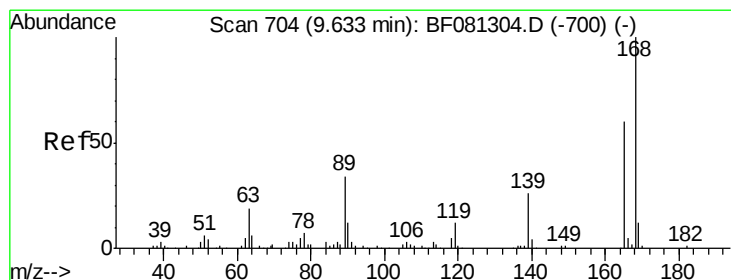
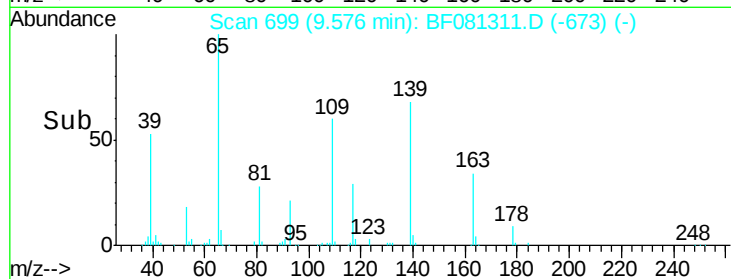
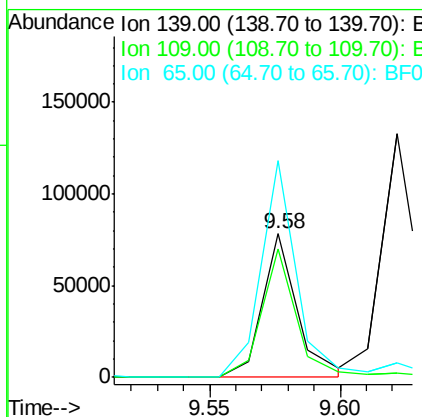
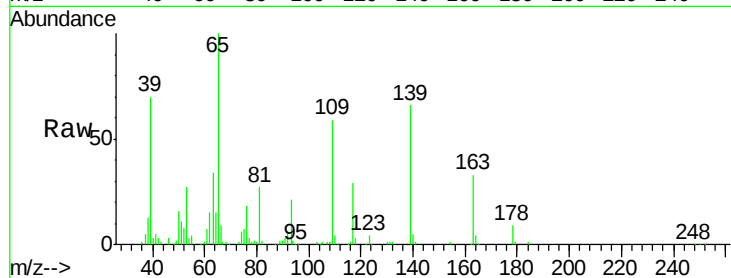




#55
4-Nitrophenol
Concen: 62.12 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

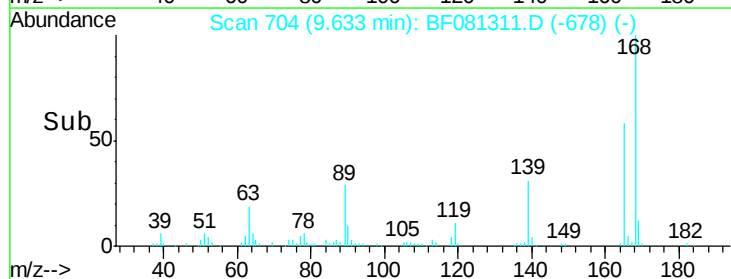
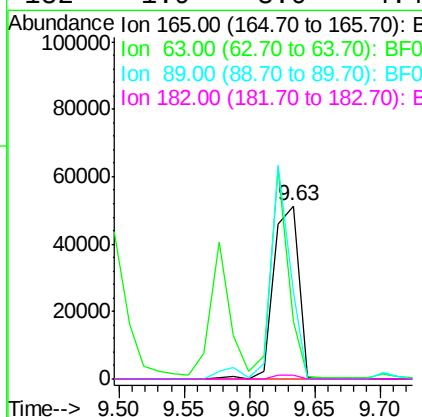
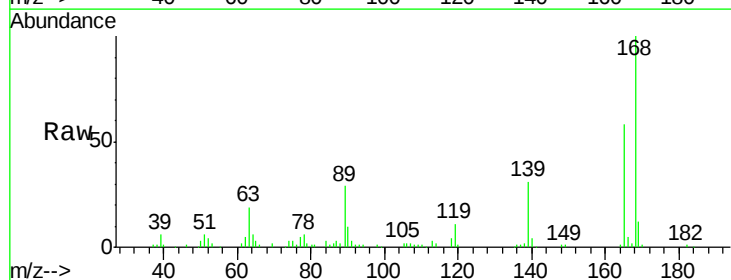
Instrument :
BNA_F
ClientSampleId :

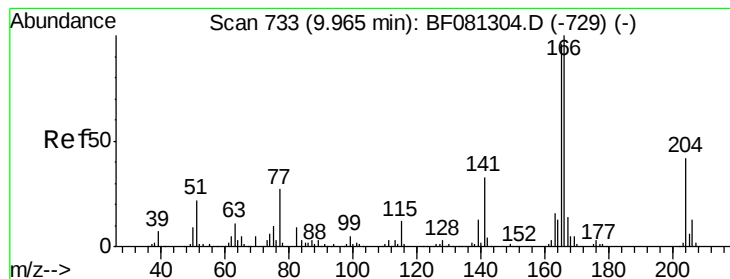
Tot Ion:139 Resp: 72946
Ion Ratio Lower Upper
139 100
109 89.3 12.7 52.7#
65 151.0 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 33.22 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:165 Resp: 69442
Ion Ratio Lower Upper
165 100
63 33.3 29.8 44.6
89 50.4 44.5 66.7
182 1.9 3.0 4.4#





#57

Fluorene

Concen: 36.63 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampleId :

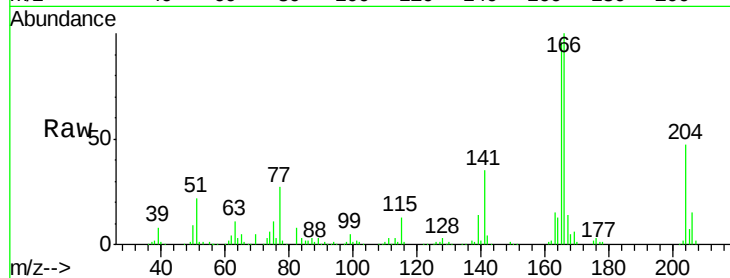
Tot Ion:166 Resp: 253420

Ion Ratio Lower Upper

166 100

165 95.8 72.6 109.0

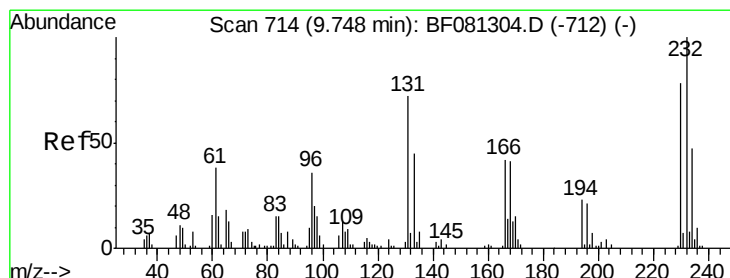
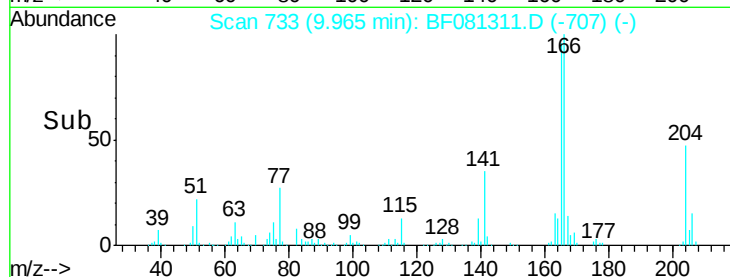
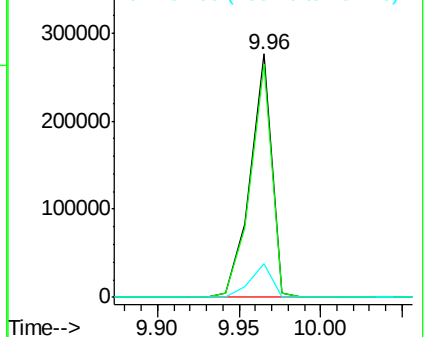
167 14.0 10.6 16.0



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: 34.20 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Tgt Ion:232 Resp: 54140

Ion Ratio Lower Upper

232 100

131 60.5 38.5 57.7#

130 2.4 1.8 2.6

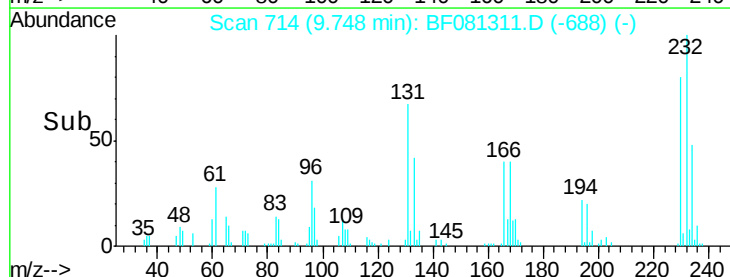
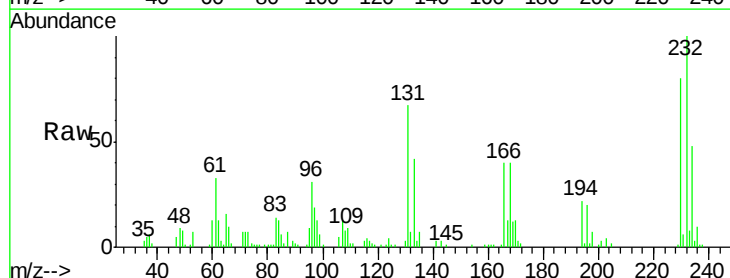
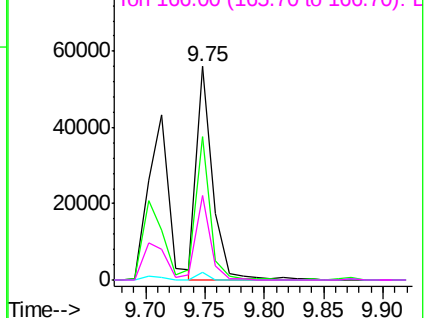
166 35.5 25.0 37.6

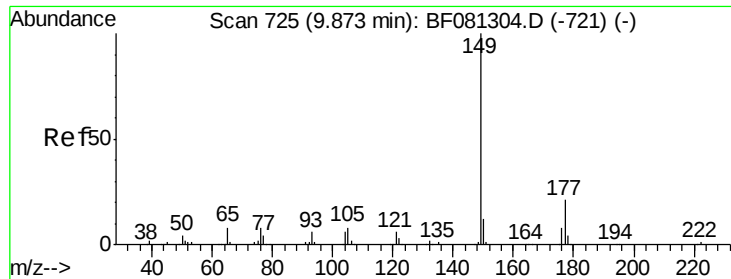
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

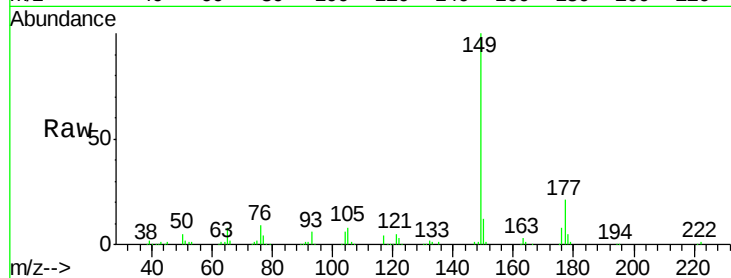




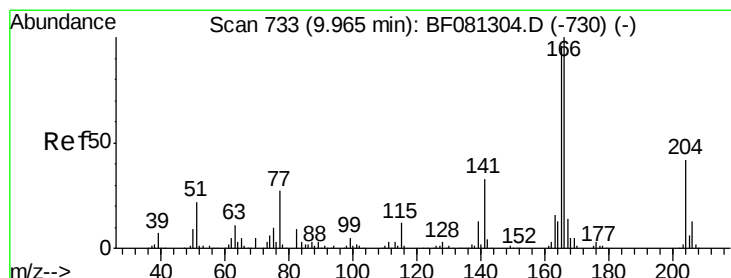
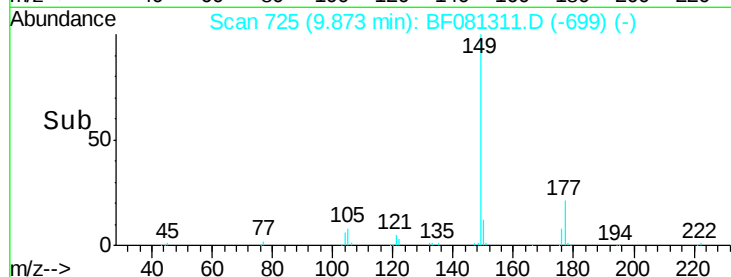
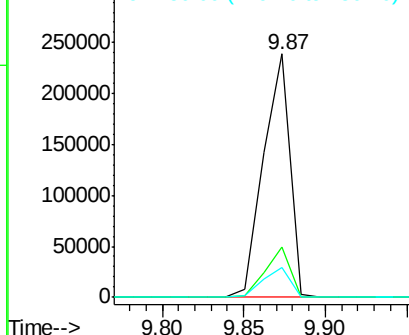
#59
Diethylphthalate
Concen: 35.50 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 270172
Ion Ratio Lower Upper
149 100
177 20.9 17.5 26.3
150 12.2 9.4 14.2

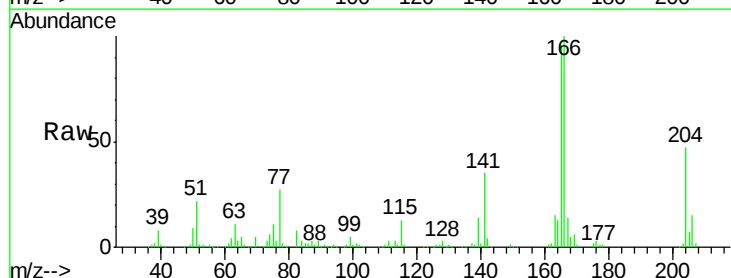


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

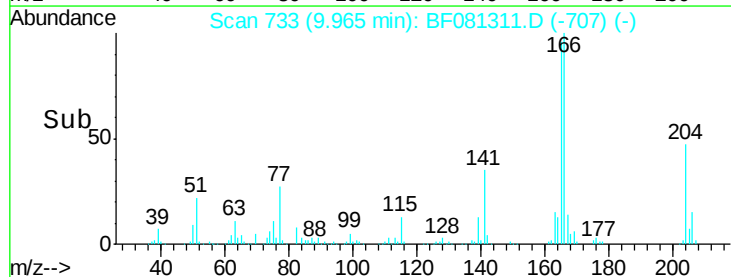
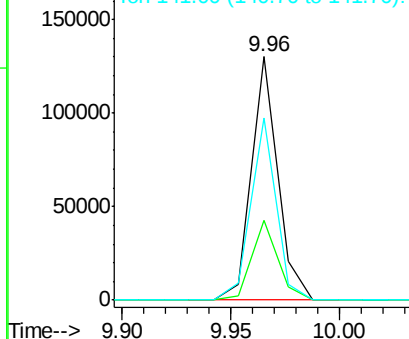


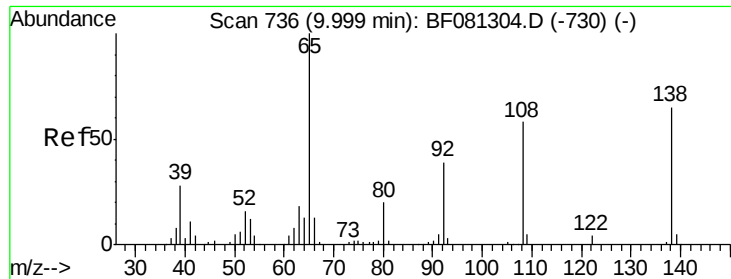
#60
4-Chlorophenyl-phenylether
Concen: 33.96 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:204 Resp: 109496
Ion Ratio Lower Upper
204 100
206 32.6 24.8 37.2
141 74.9 42.2 63.4#



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

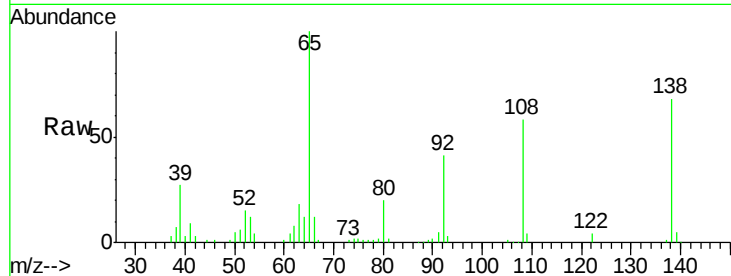




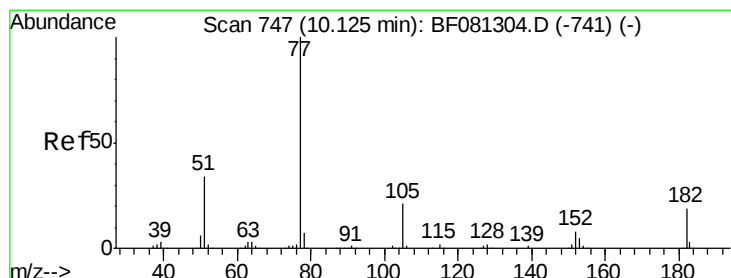
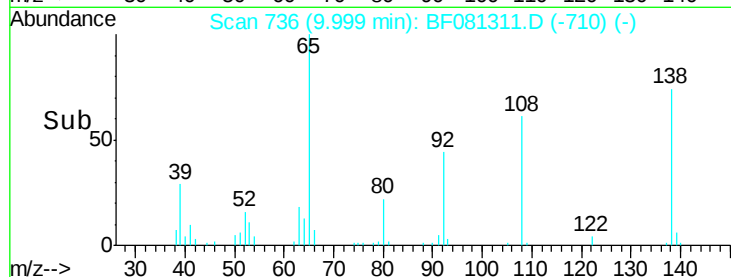
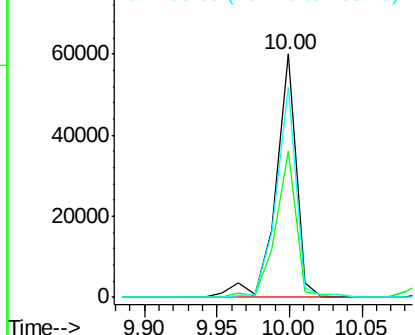
#61
4-Nitroaniline
Concen: 31.02 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 58576
Ion Ratio Lower Upper
138 100
92 59.9 12.6 52.6#
108 86.4 12.4 52.4#

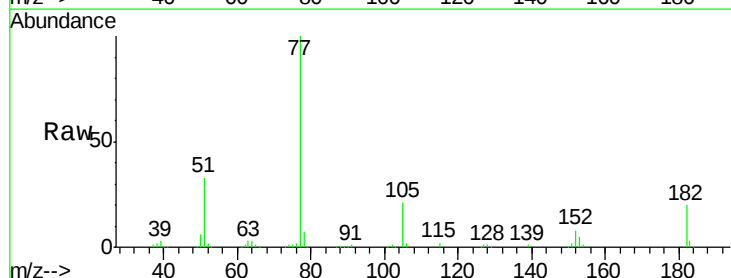


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

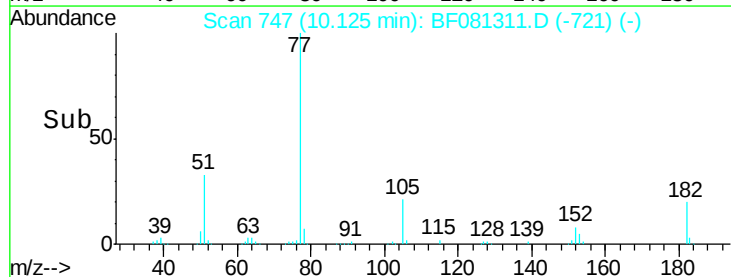
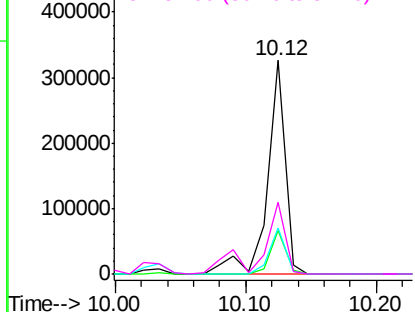


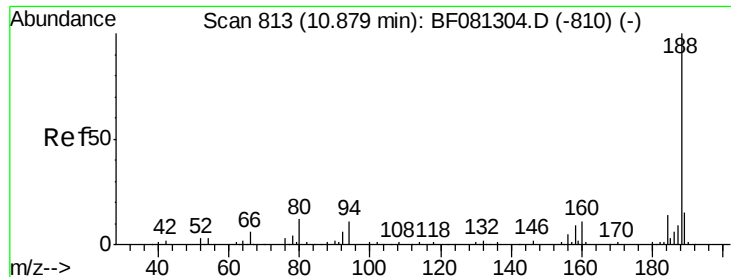
#62
Azobenzene
Concen: 37.29 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion: 77 Resp: 315529
Ion Ratio Lower Upper
77 100
182 20.1 15.1 55.1
105 21.3 3.4 43.4
51 33.3 12.0 52.0



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

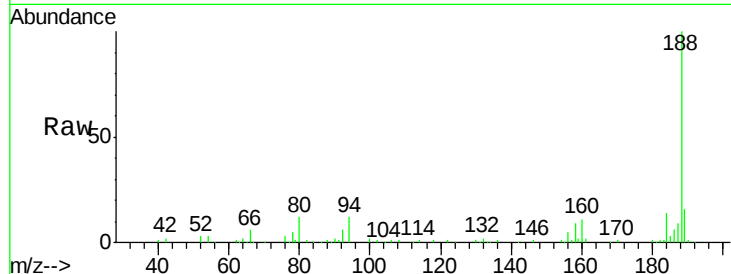




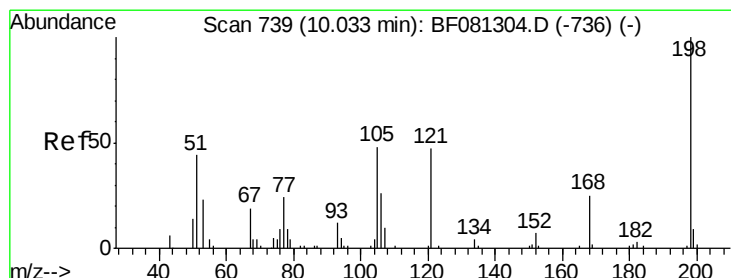
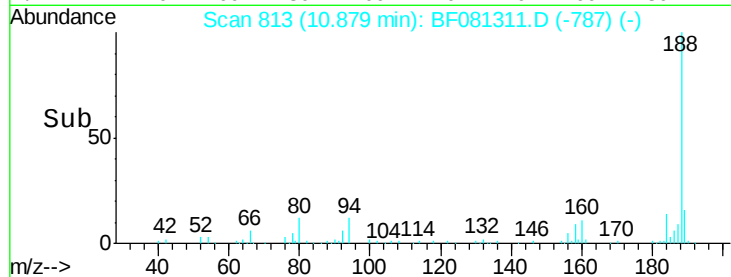
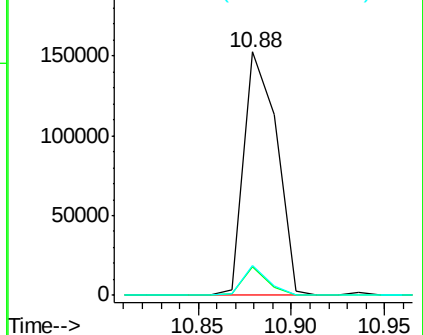
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 186985
Ion Ratio Lower Upper
188 100
94 11.6 11.1 16.7
80 12.5 11.0 16.4

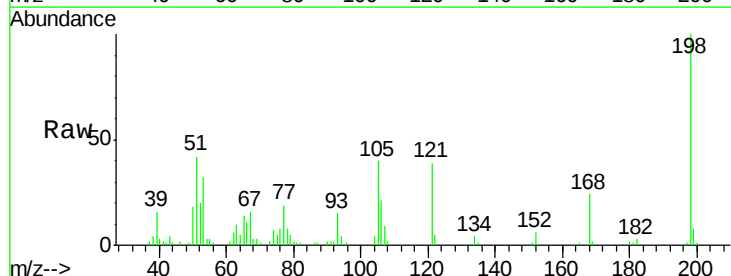


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

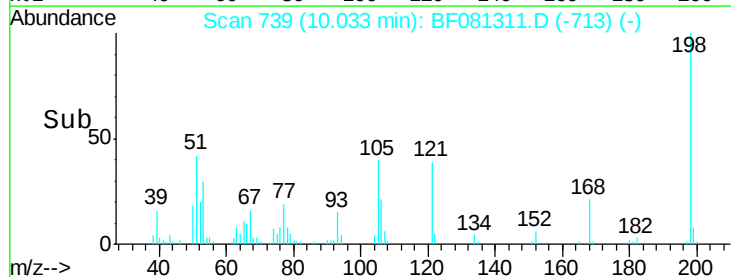
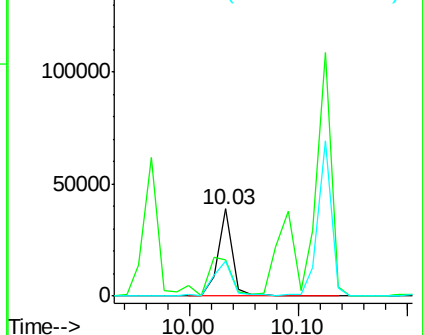


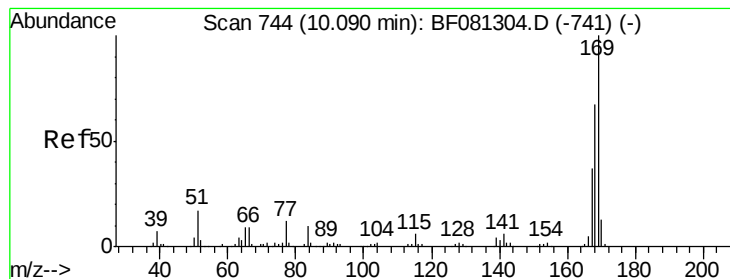
#64
4,6-Dinitro-2-methylphenol
Concen: 35.29 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:198 Resp: 36903
Ion Ratio Lower Upper
198 100
51 42.0 39.6 79.6
105 40.4 28.5 68.5



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

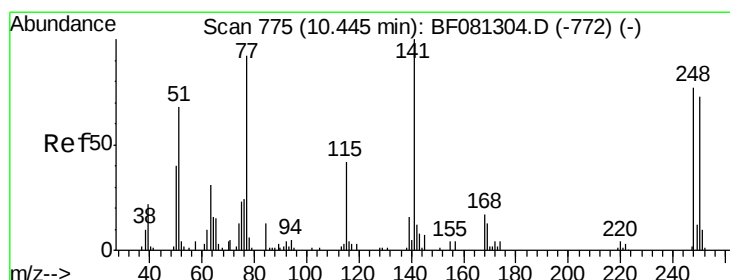
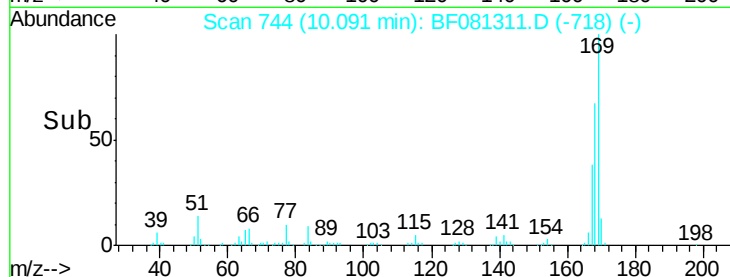
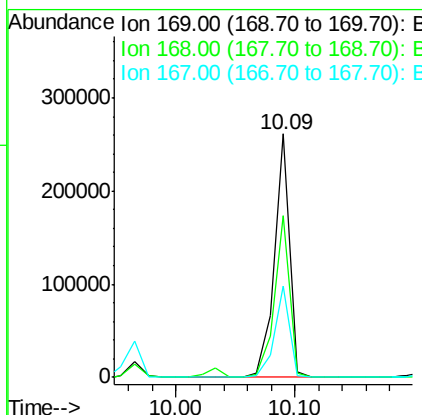
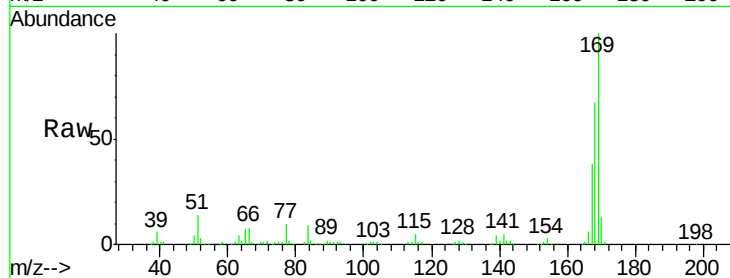




#65
 n-Nitrosodiphenylamine
 Concen: 34.09 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

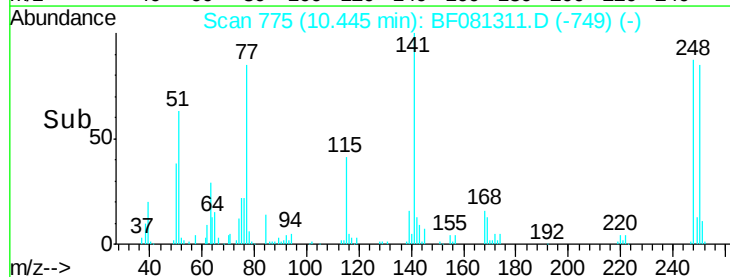
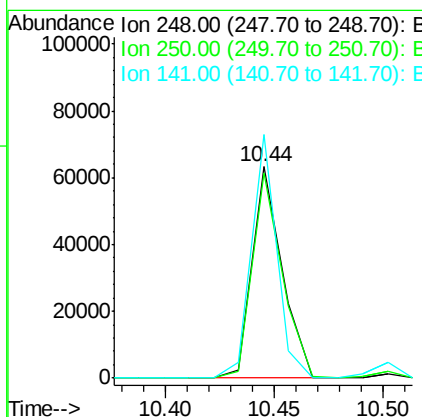
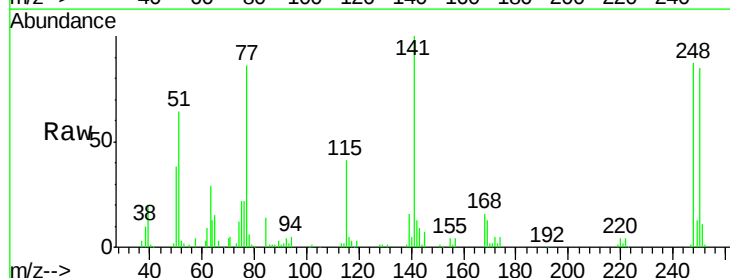
Instrument :
 BNA_F
 ClientSampleId :

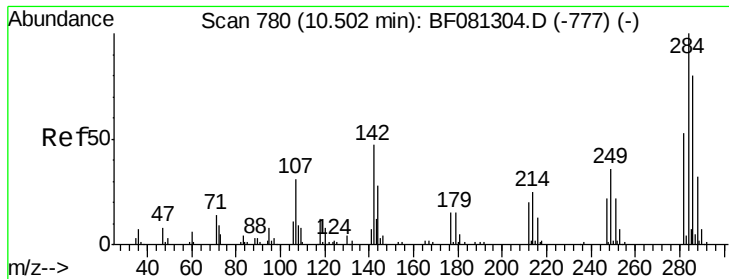
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.6	48.9	73.3
167	37.6	26.2	39.4



#66
 4-Bromophenyl-phenylether
 Concen: 32.01 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.5	117.7
141	115.3	59.0	88.6





#67

Hexachlorobenzene

Concen: 32.08 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :
BNA_F
ClientSampled :

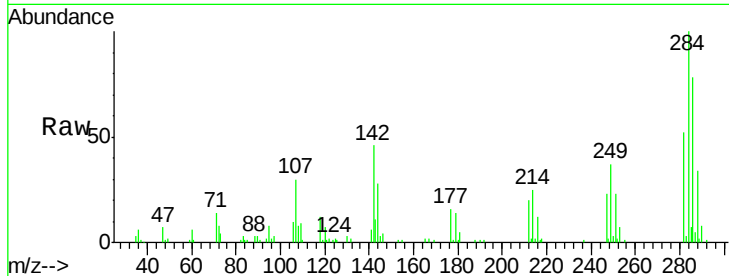
Tot Ion:284 Resp: 63412

Ion Ratio Lower Upper

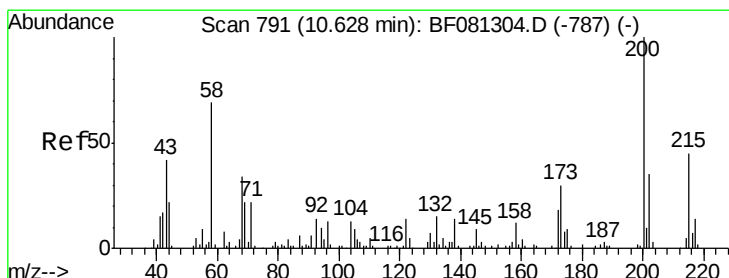
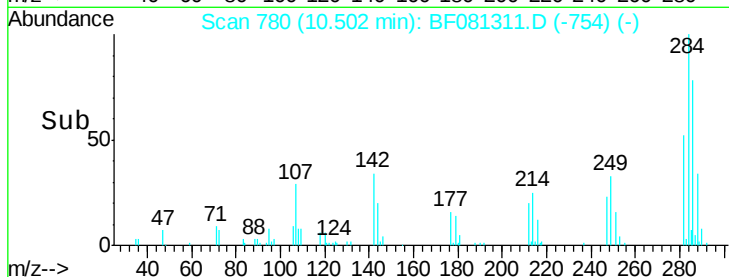
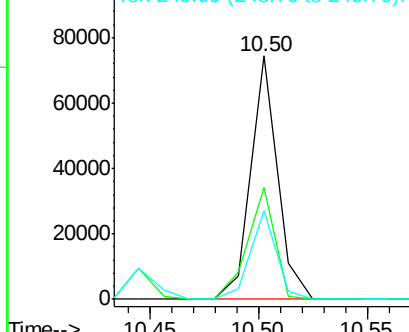
284 100

142 45.8 29.5 44.3#

249 36.6 19.5 29.3#



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



#68

Atrazine

Concen: 37.70 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

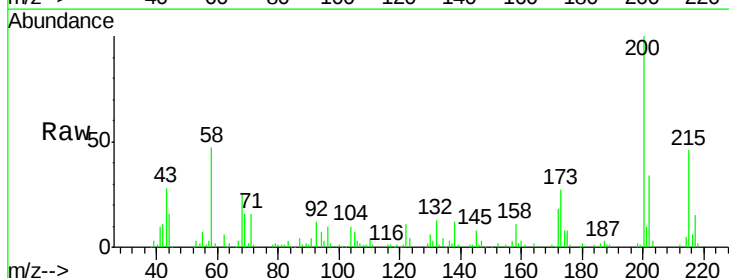
Tgt Ion:200 Resp: 74239

Ion Ratio Lower Upper

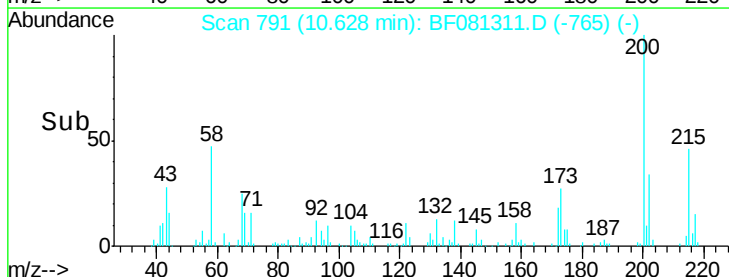
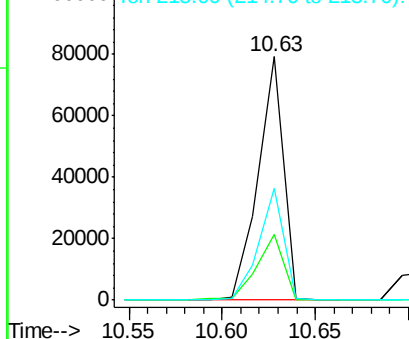
200 100

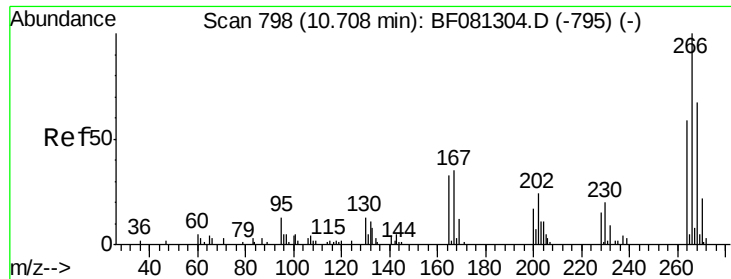
173 27.1 13.2 53.2

215 46.1 41.8 81.8



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

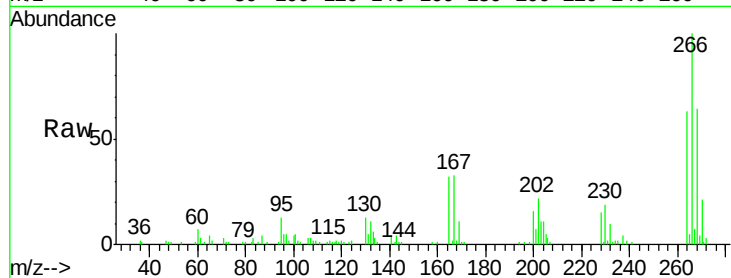




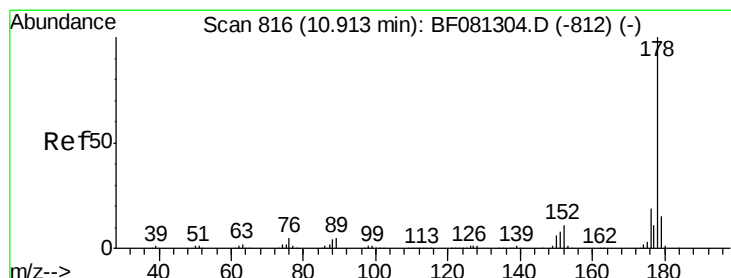
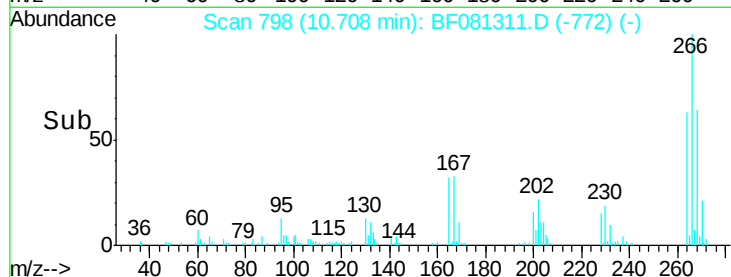
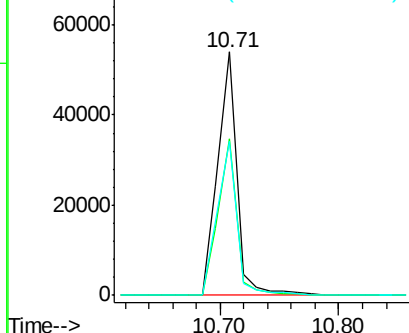
#69
 Pentachlorophenol
 Concen: 64.25 ng
 RT: 10.71 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 59977
 Ion Ratio Lower Upper
 266 100
 268 64.5 49.8 74.6
 264 63.0 50.2 75.2

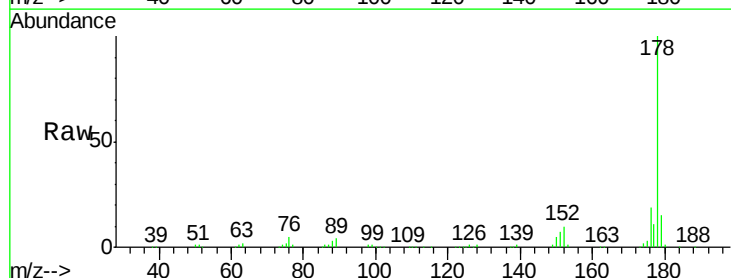


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

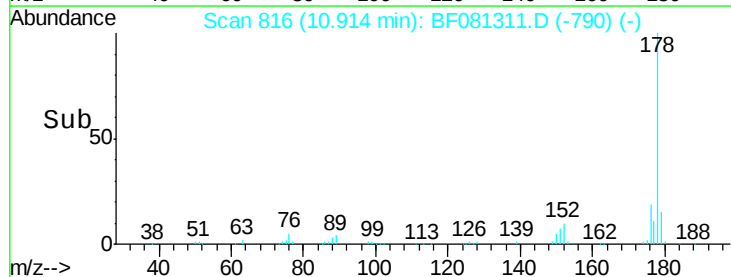
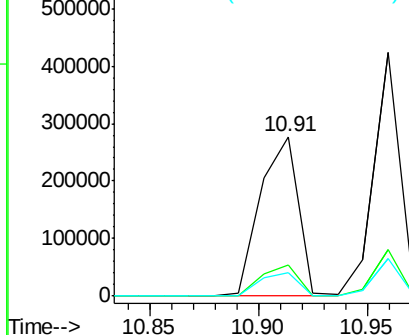


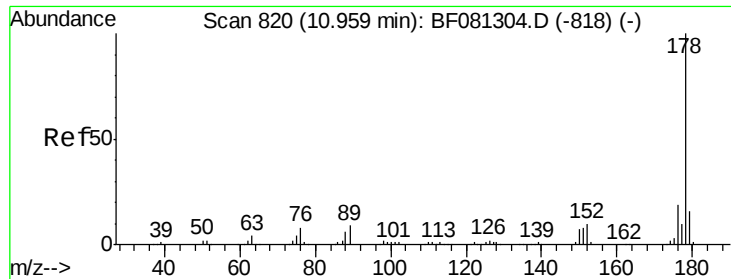
#70
 Phenanthrene
 Concen: 32.62 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Tgt Ion:178 Resp: 339065
 Ion Ratio Lower Upper
 178 100
 176 19.2 13.8 20.8
 179 14.8 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

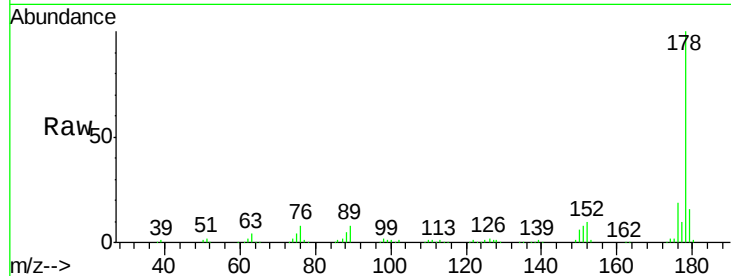




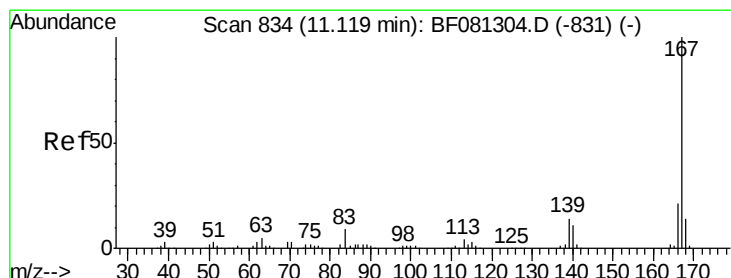
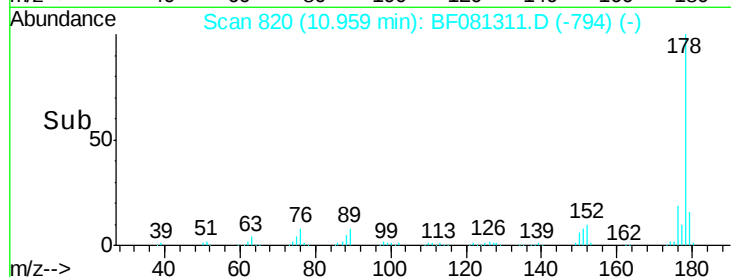
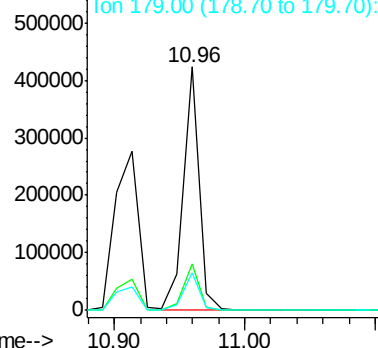
#71
 Anthracene
 Concen: 33.50 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 357786
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.1 21.1
 179 15.6 12.2 18.2

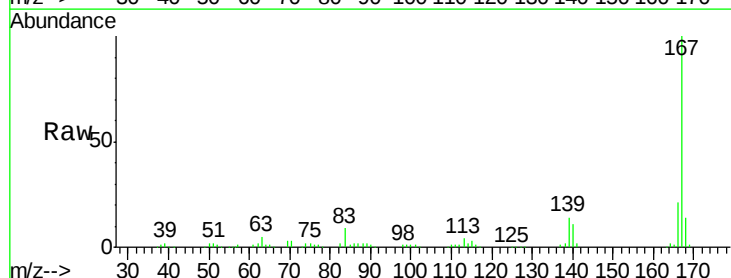


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

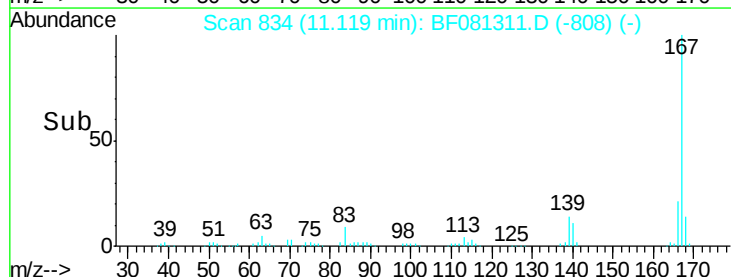
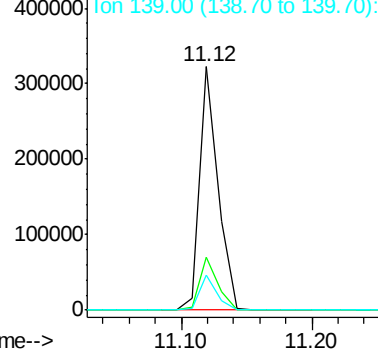


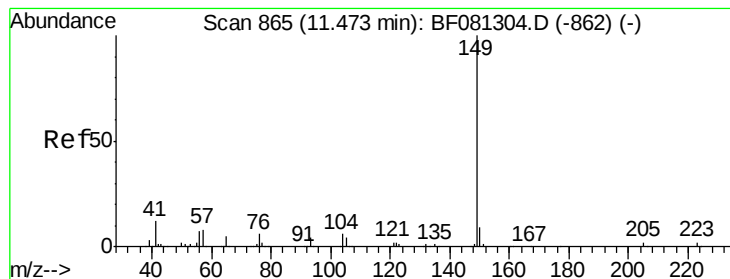
#72
 Carbazole
 Concen: 31.49 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Tgt Ion:167 Resp: 315595
 Ion Ratio Lower Upper
 167 100
 166 21.5 15.7 23.5
 139 14.2 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 32.26 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampleId :

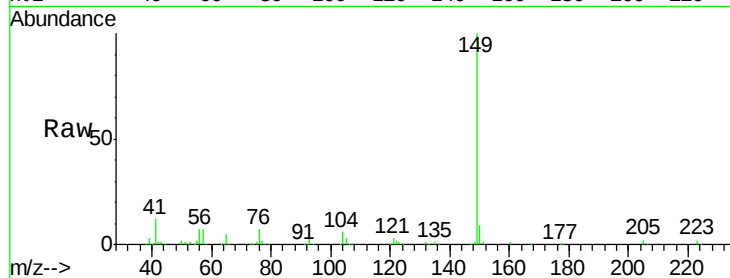
Tot Ion:149 Resp: 381725

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

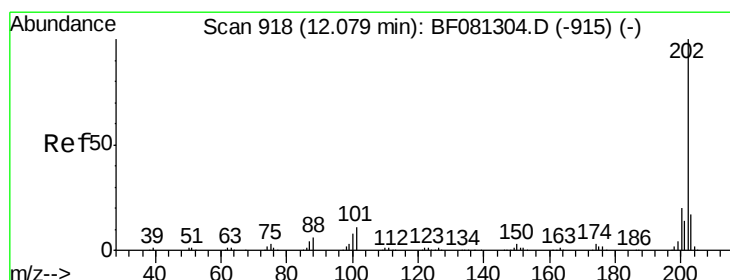
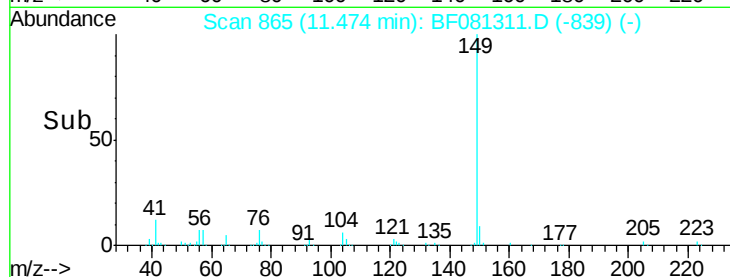
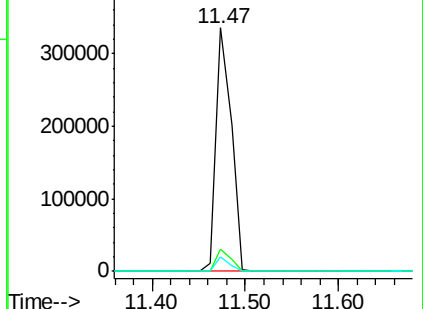
104 5.9 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.93 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

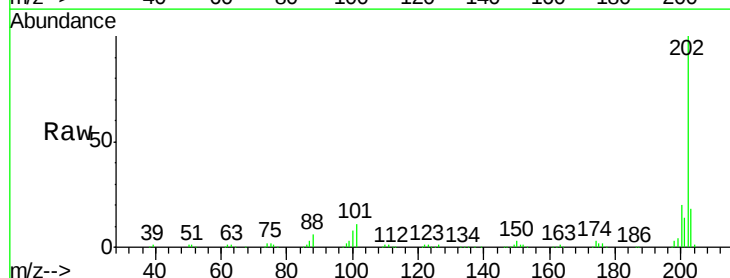
Tgt Ion:202 Resp: 370615

Ion Ratio Lower Upper

202 100

101 10.6 0.0 38.3

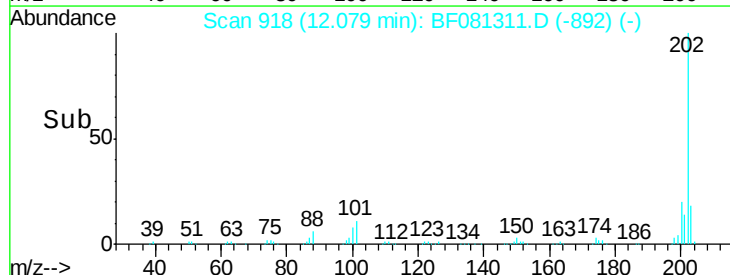
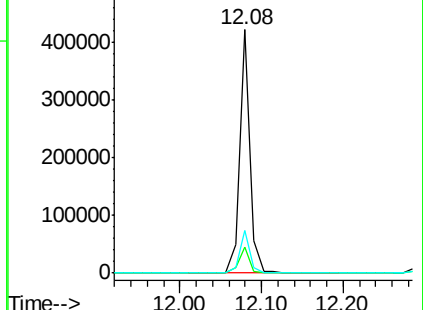
203 17.7 0.0 37.3

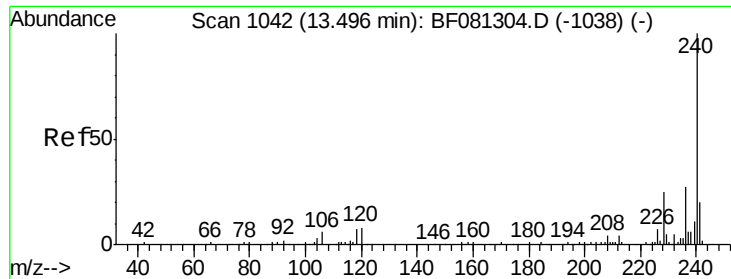


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

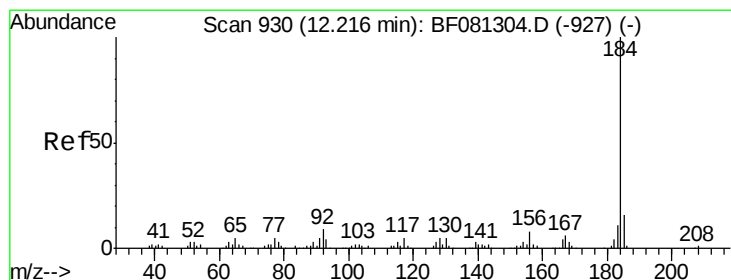
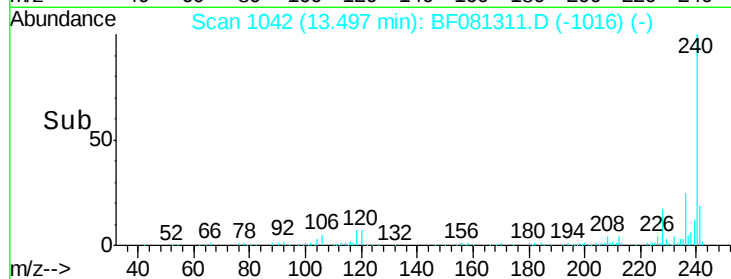
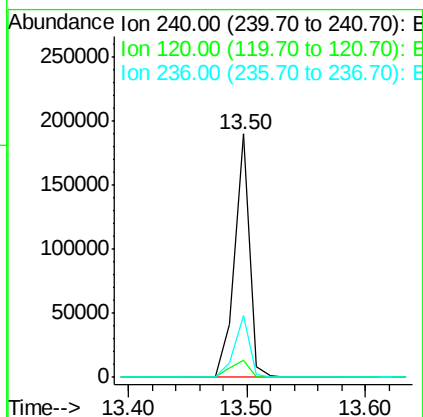
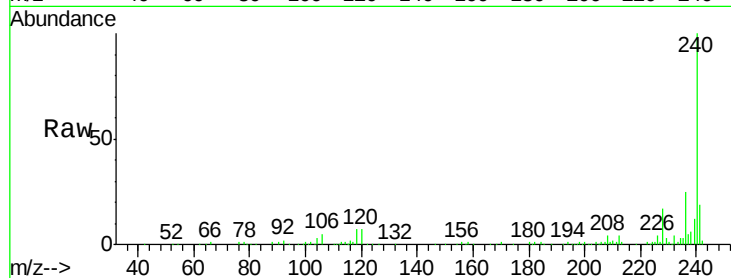




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

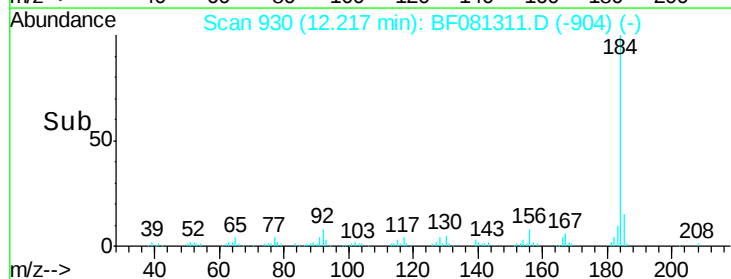
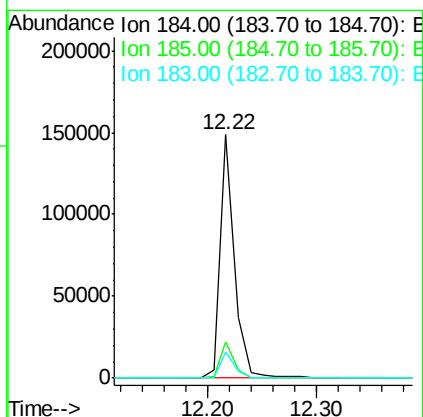
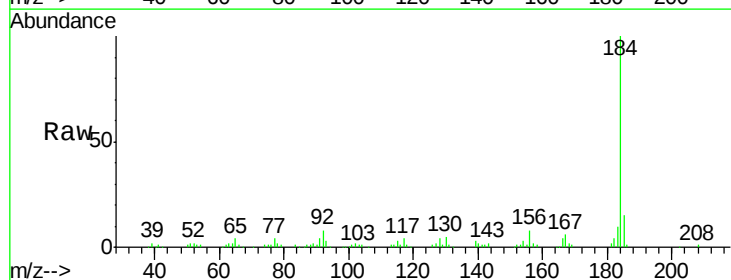
Instrument :
 BNA_F
 ClientSampleId :

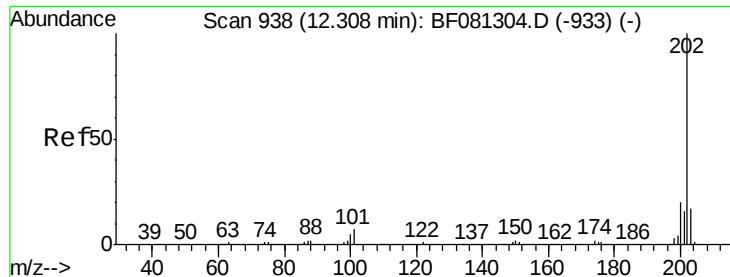
Tot Ion:240 Resp: 166774
 Ion Ratio Lower Upper
 240 100
 120 7.1 16.2 24.2#
 236 25.3 18.4 27.6



#76
 Benzidine
 Concen: 19.09 ng
 RT: 12.22 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Tgt Ion:184 Resp: 136691
 Ion Ratio Lower Upper
 184 100
 185 14.9 11.8 17.6
 183 10.4 7.6 11.4

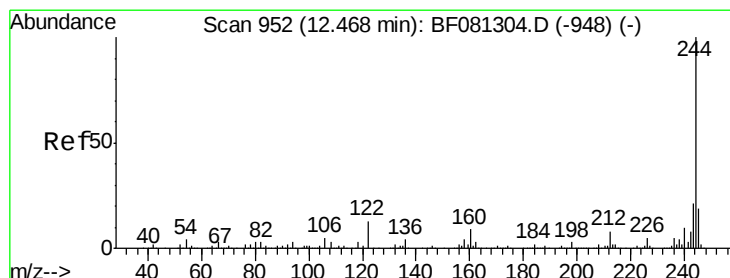
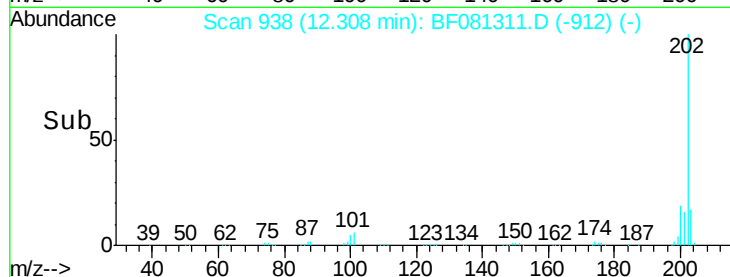
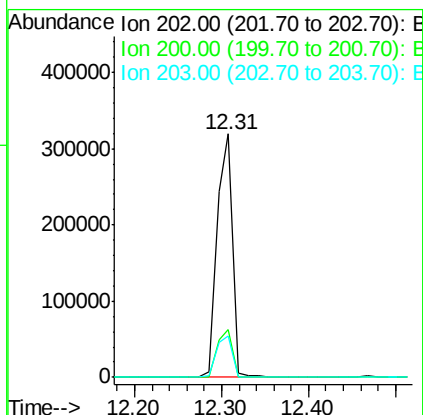
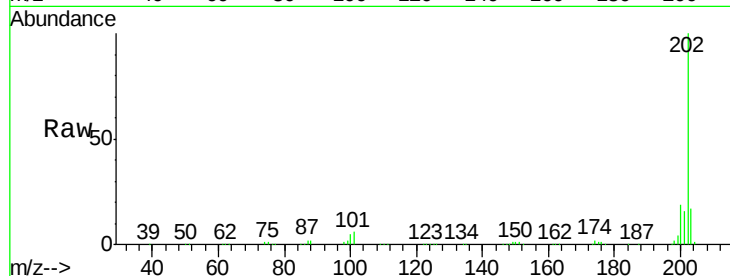




#77
 Pvrene
 Concen: 32.56 ng
 RT: 12.31 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

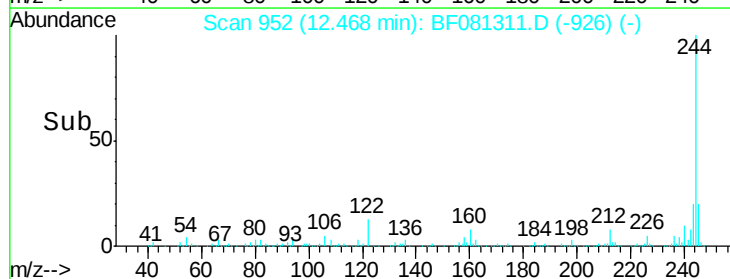
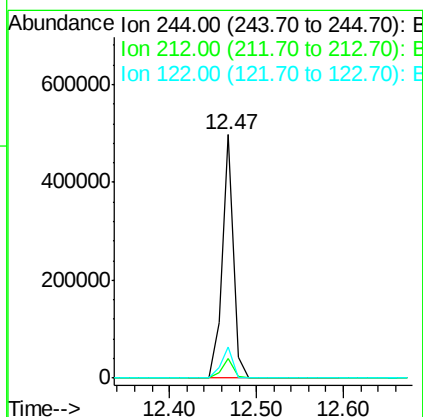
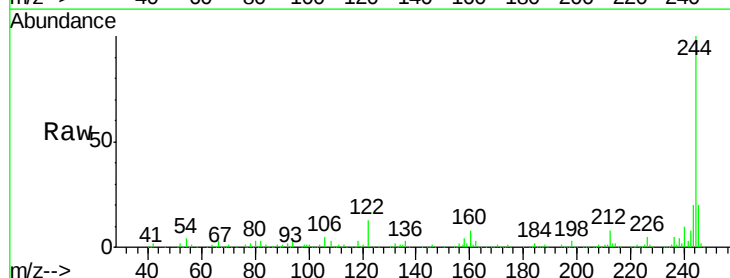
Instrument :
 BNA_F
 ClientSampleId :

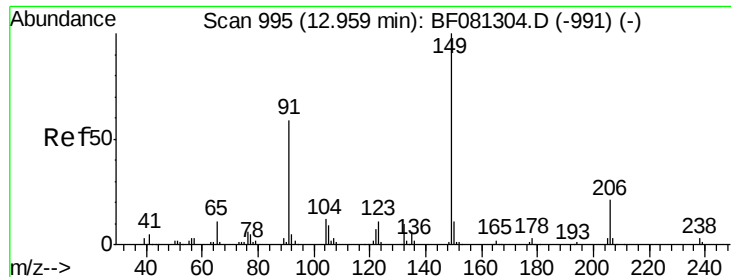
Tot Ion:202 Resp: 402266
 Ion Ratio Lower Upper
 202 100
 200 19.5 15.0 22.4
 203 16.8 14.1 21.1



#78
 Terphenyl-d14
 Concen: 63.36 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Tgt Ion:244 Resp: 453954
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 12.7 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 31.48 ng

RT: 12.96 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

Instrument :

BNA_F

ClientSampleId :

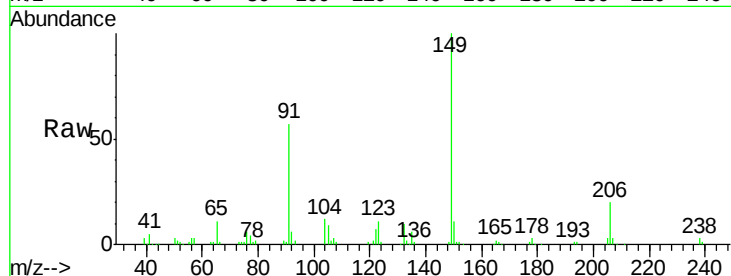
Tot Ion:149 Resp: 169126

Ion Ratio Lower Upper

149 100

91 57.3 48.6 72.8

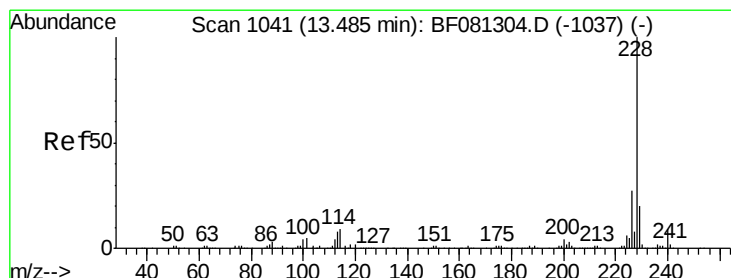
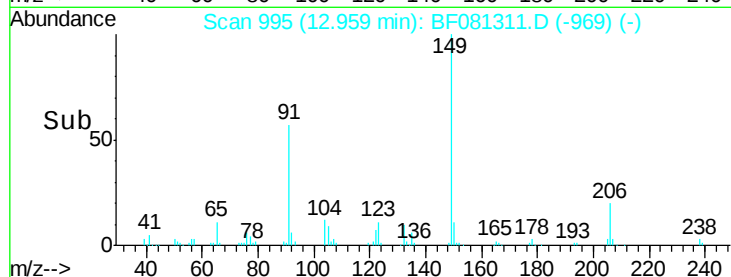
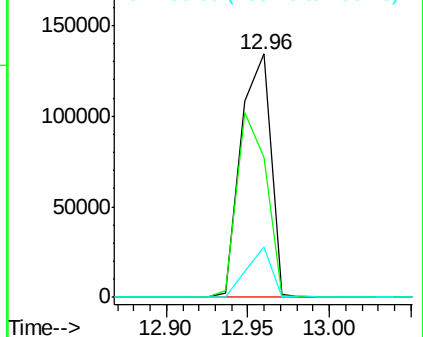
206 20.4 14.9 22.3



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: 29.86 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081311.D

Acq: 1 Sep 2015 19:01

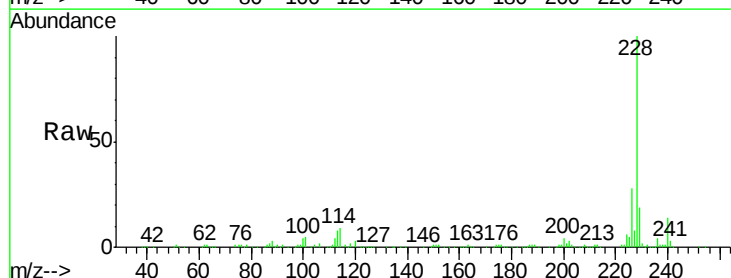
Tgt Ion:228 Resp: 317086

Ion Ratio Lower Upper

228 100

226 27.7 20.0 30.0

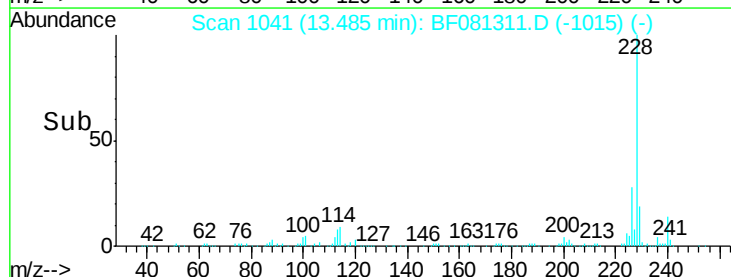
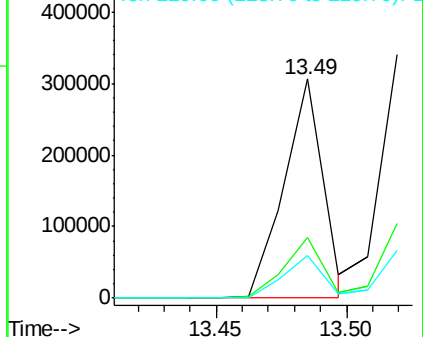
229 19.5 15.4 23.2

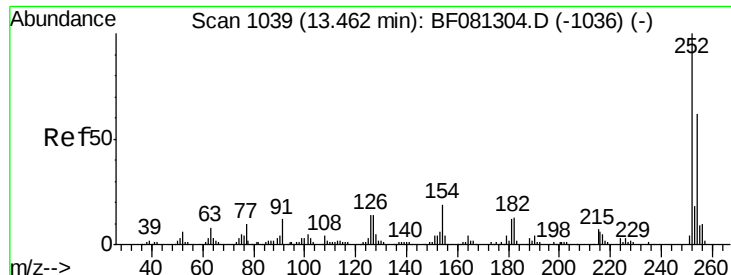


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

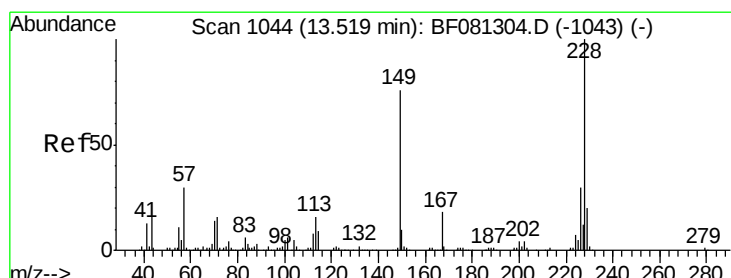
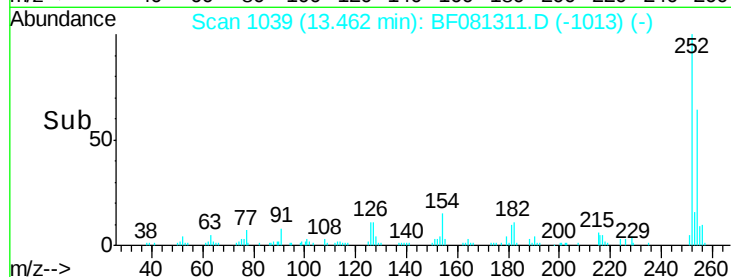
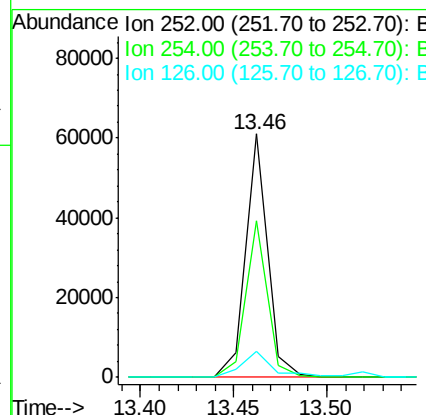
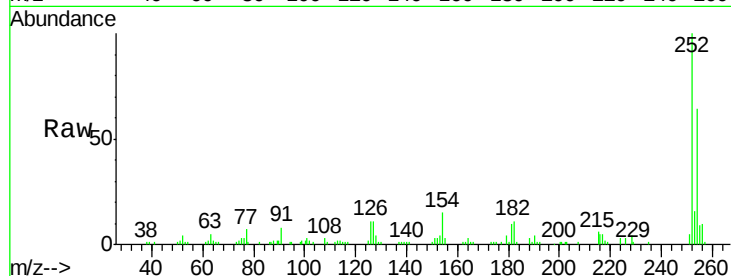




#81
 3,3'-Dichlorobenzidine
 Concen: 13.98 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

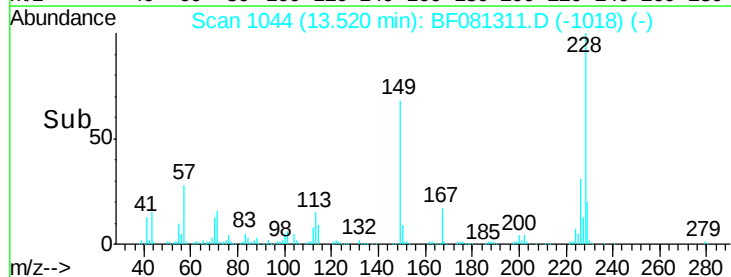
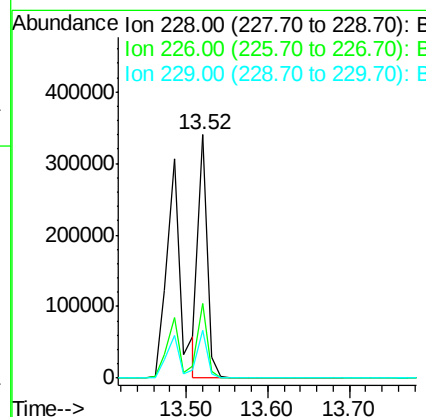
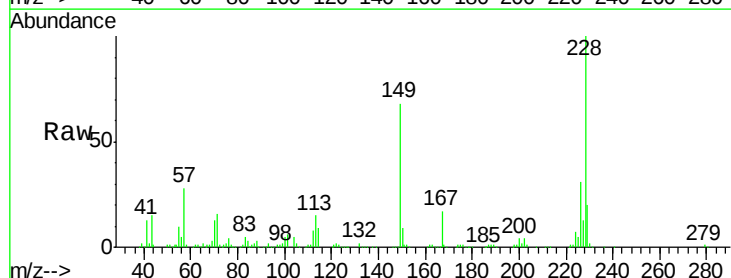
Instrument :
 BNA_F
 ClientSampleId :

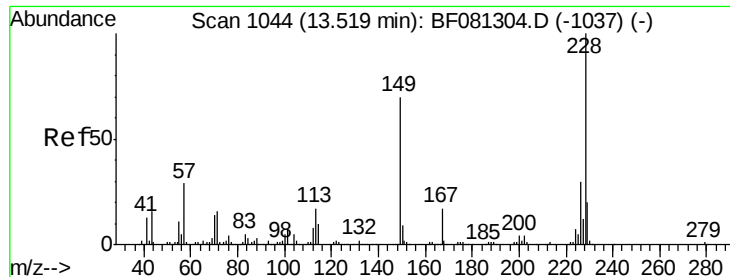
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.2
126	10.6	16.4	24.6



#82
 Chrysene
 Concen: 27.39 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.0	31.4
229	19.6	15.6	23.4

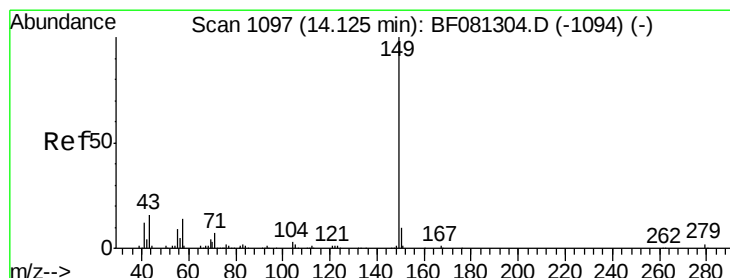
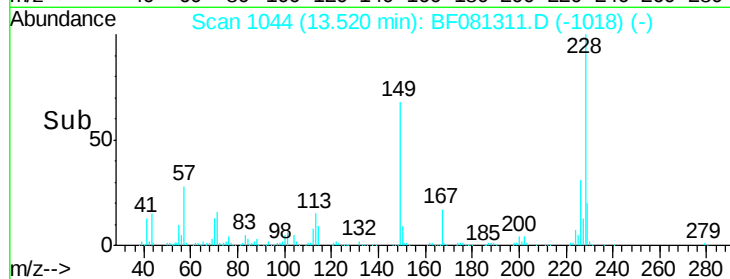
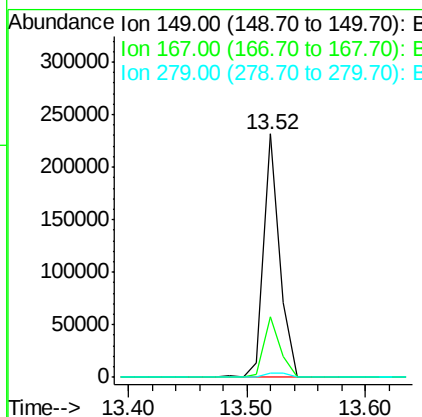
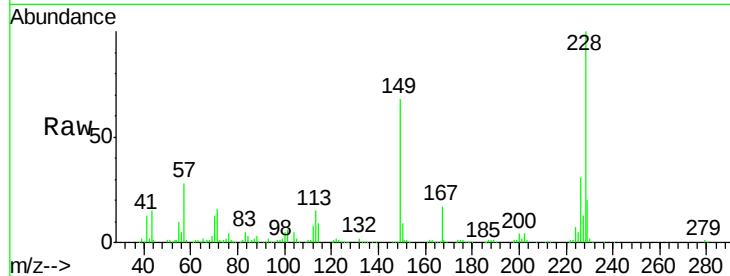




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.87 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

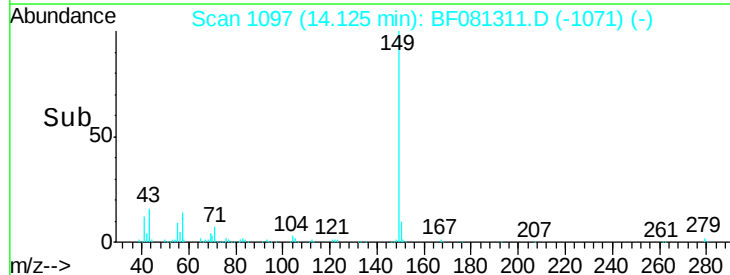
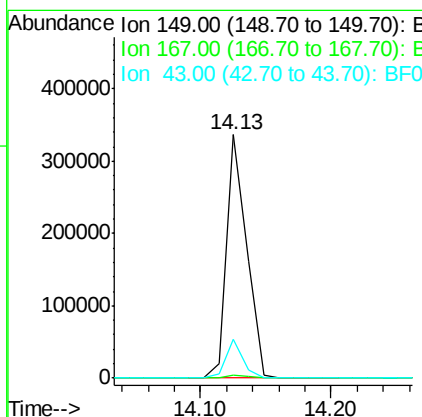
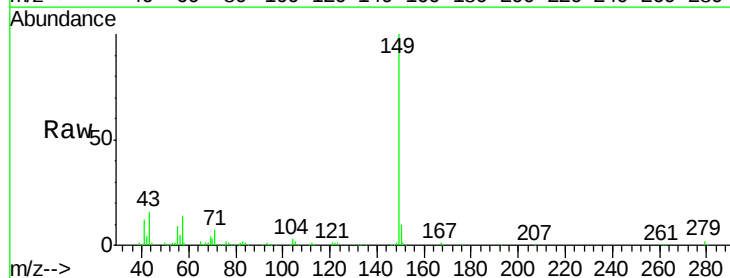
Instrument :
 BNA_F
 ClientSampleId :

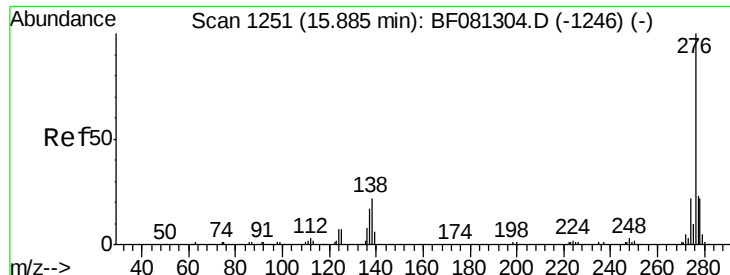
Tot Ion:149 Resp: 218904
 Ion Ratio Lower Upper
 149 100
 167 25.1 24.2 36.2
 279 1.7 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 30.70 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Tgt Ion:149 Resp: 358427
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 13.7 10.2 15.2

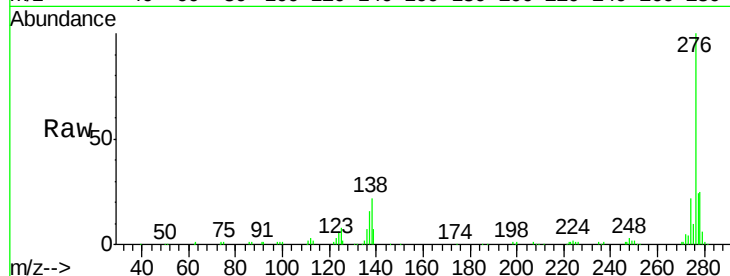




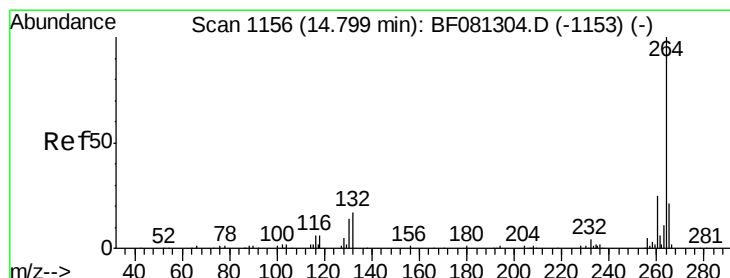
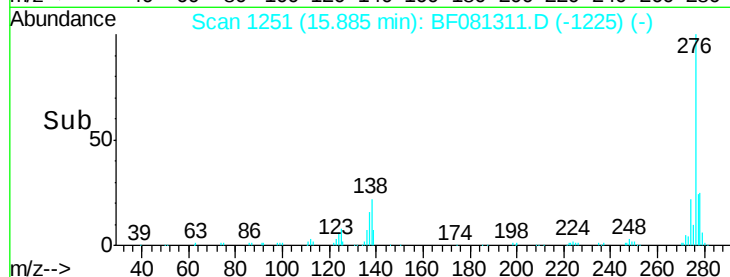
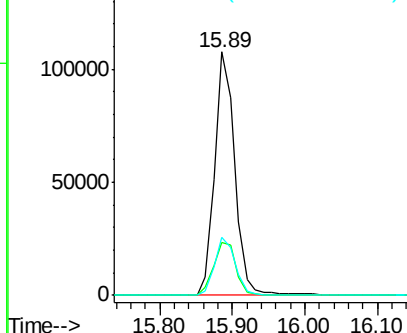
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.71 ng
 RT: 15.89 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	25.7	38.5#
277	24.5	15.6	23.4#

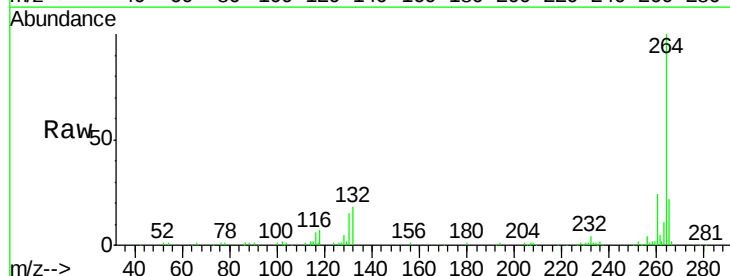


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

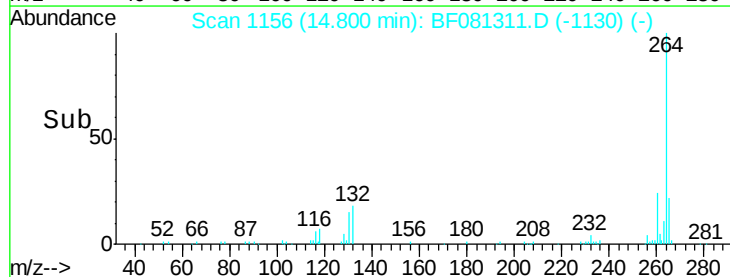
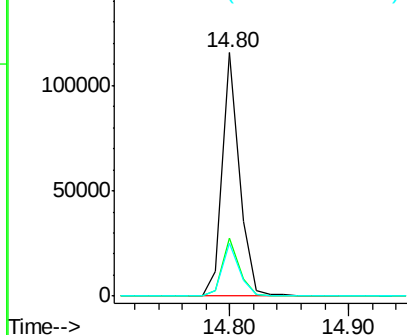


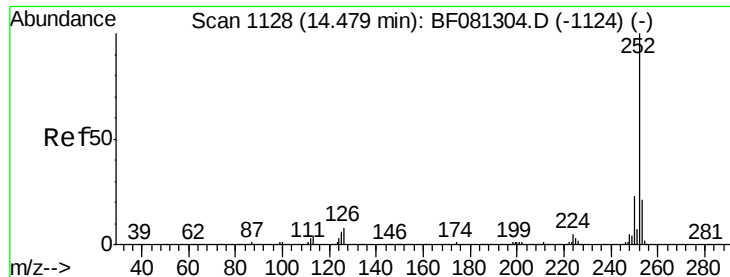
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.8	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

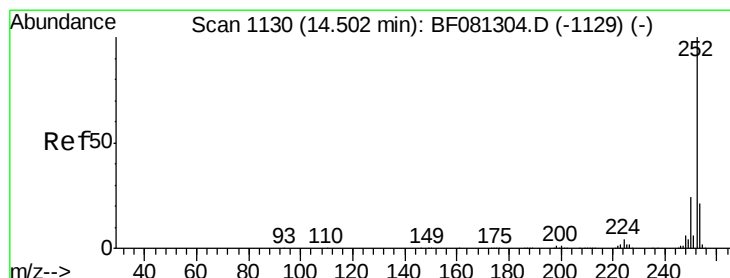
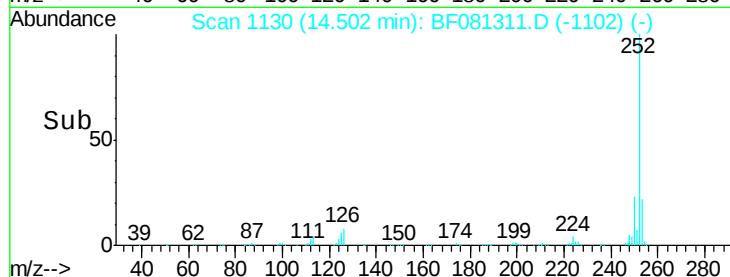
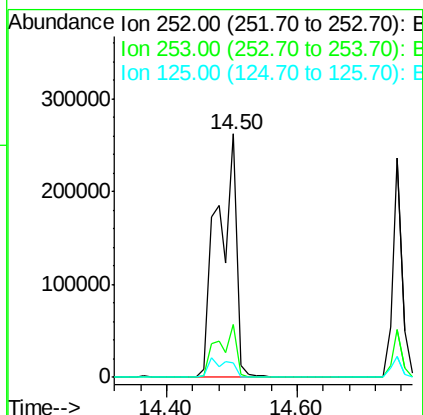
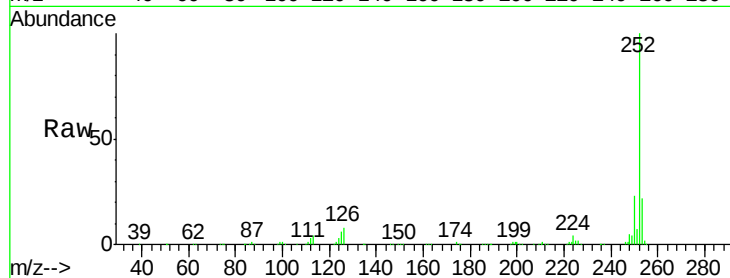




#87
Benzo(b)fluoranthene
Concen: 64.64 ng
RT: 14.50 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

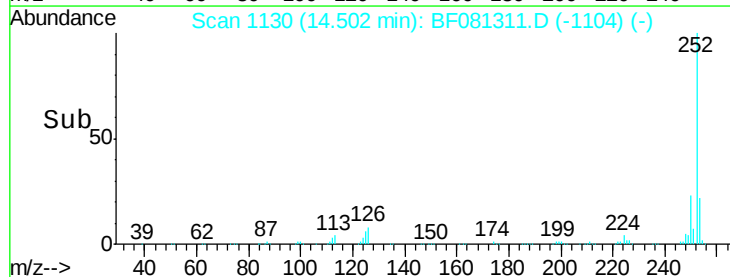
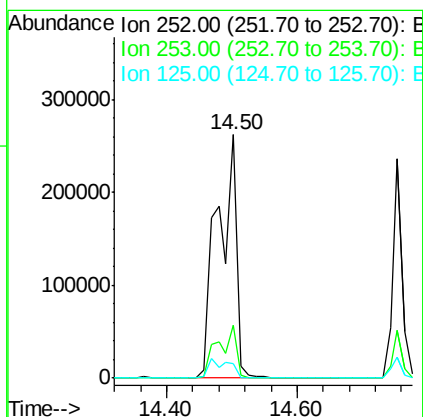
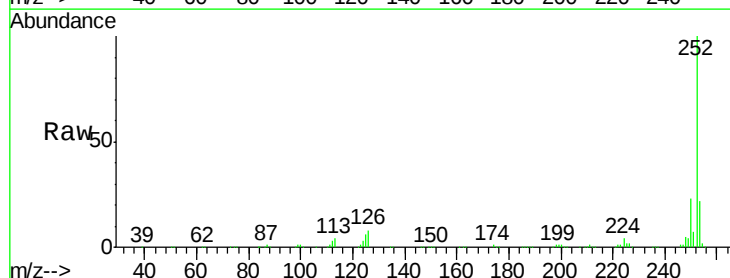
Instrument :
BNA_F
ClientSampleId :

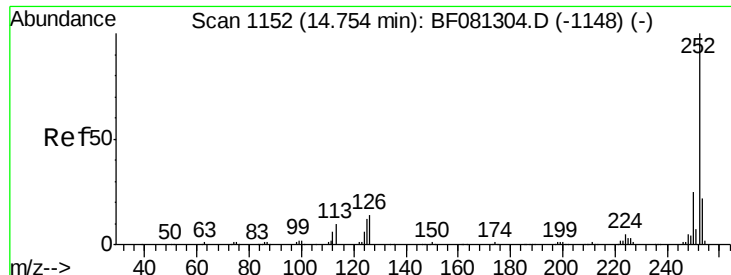
Tot Ion:252 Resp: 532200
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 5.7 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 77.91 ng
RT: 14.50 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:252 Resp: 532200
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 5.7 16.0 24.0#

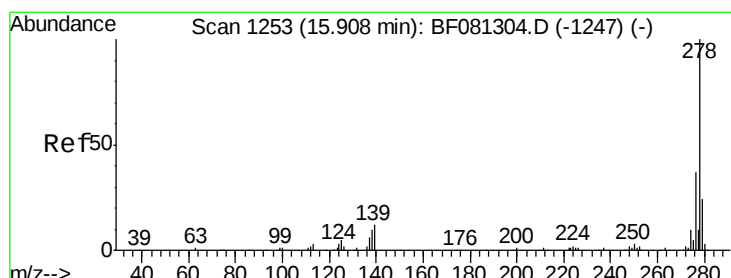
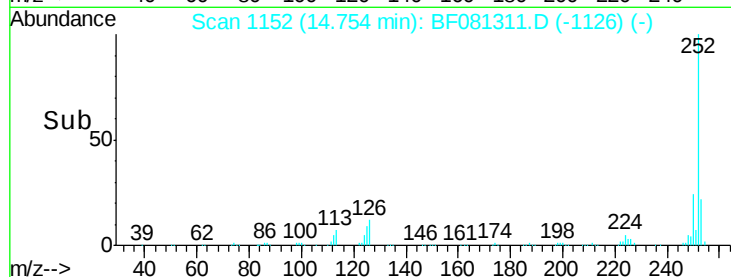
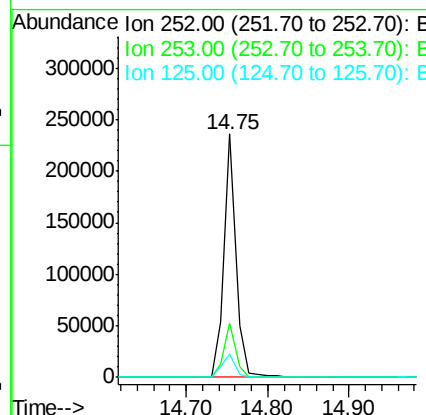
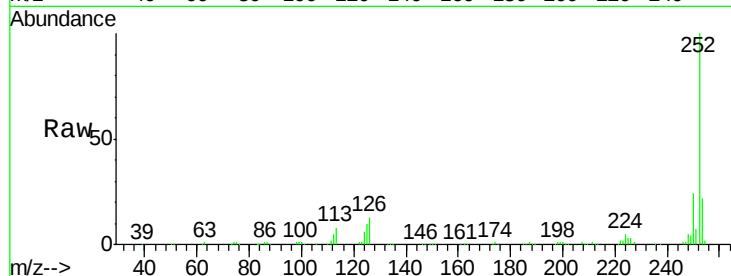




#89
Benzo(a)pyrene
Concen: 34.83 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

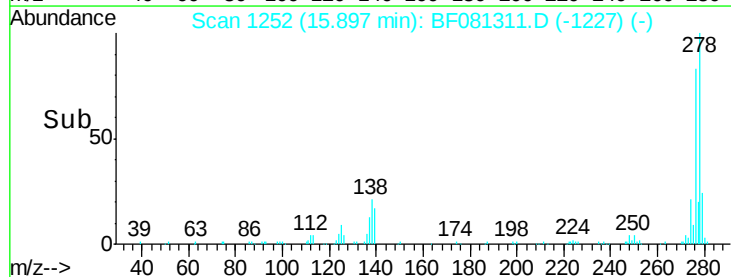
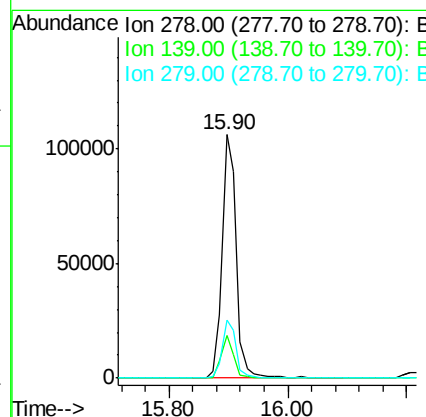
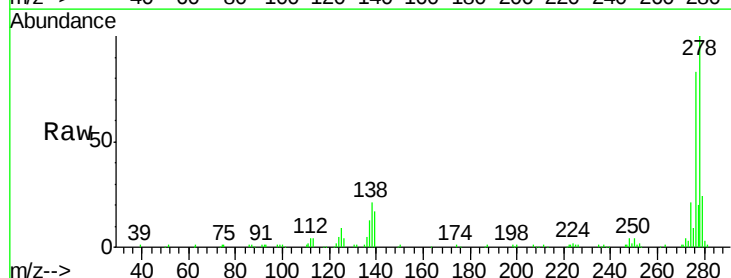
Instrument :
BNA_F
ClientSampleId :

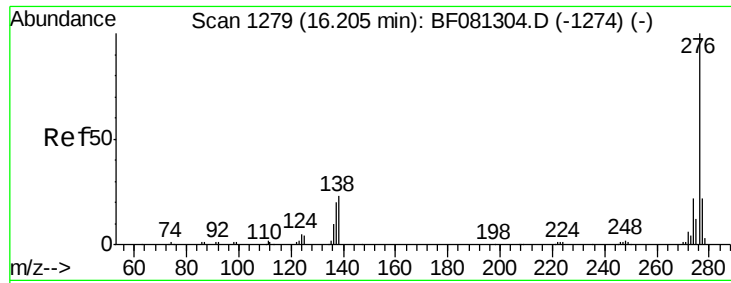
Tot Ion:252 Resp: 242977
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.8 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 32.44 ng
RT: 15.90 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF081311.D
Acq: 1 Sep 2015 19:01

Tgt Ion:278 Resp: 174904
Ion Ratio Lower Upper
278 100
139 17.4 26.3 39.5#
279 23.6 18.2 27.4

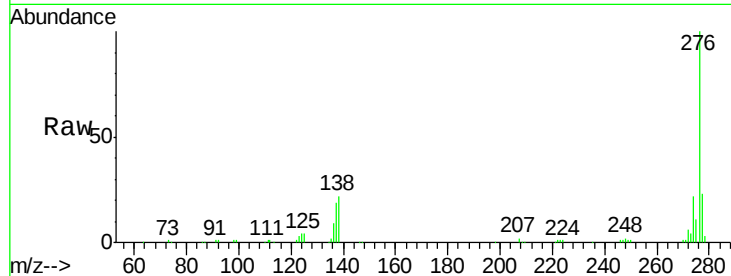




#91
 Benzo(a,h,i)perylene
 Concen: 32.17 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF081311.D
 Acq: 1 Sep 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 165508
 Ion Ratio Lower Upper
 276 100
 277 23.4 17.8 26.6
 138 21.8 34.6 51.8#



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

