

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081521.D
 Acq On : 8 Sep 2015 14:20
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 08 23:30:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 15:49:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	48289	20.00	ng	0.00
21) Naphthalene-d8	7.64	136	191189	20.00	ng	0.00
38) Acenaphthene-d10	9.38	164	91405	20.00	ng	0.00
63) Phenanthrene-d10	10.84	188	186433	20.00	ng	0.00
75) Chrysene-d12	13.45	240	142923	20.00	ng	0.00
86) Perylene-d12	14.75	264	93643	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.88	112	248021	79.69	ng	0.00
7) Phenol-d6	6.02	99	338525	82.17	ng	0.00
23) Nitrobenzene-d5	6.92	82	324014	81.77	ng	0.00
41) 2,4,6-Tribromophenol	10.16	330	63299	77.78	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	511267	71.68	ng	0.00
78) Terphenyl-d14	12.42	244	465882	75.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.64	88	65056	46.54	ng	88
3) Pyridine	2.19	79	136274	35.35	ng	# 83
4) n-Nitrosodimethylamine	2.16	42	94151	43.97	ng	# 68
6) Aniline	6.01	93	239142	41.11	ng	# 82
8) 2-Chlorophenol	6.14	128	135173	39.41	ng	94
9) Benzaldehyde	5.88	77	102610	39.75	ng	# 78
10) Phenol	6.03	94	205328	42.98	ng	# 55
11) bis(2-Chloroethyl)ether	6.10	93	139257	40.40	ng	88
12) 1,3-Dichlorobenzene	6.28	146	150546	41.08	ng	# 91
13) 1,4-Dichlorobenzene	6.36	146	156452	41.93	ng	# 91
14) 1,2-Dichlorobenzene	6.51	146	126836	37.76	ng	# 84
15) Benzyl Alcohol	6.51	79	127255	37.65	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.66	45	285360	43.19	ng	85
17) 2-Methylphenol	6.65	107	117767	43.03	ng	# 76
18) Hexachloroethane	6.86	117	61080	42.08	ng	93
19) n-Nitroso-di-n-propylamine	6.80	70	122826	43.81	ng	# 85
20) 3+4-Methylphenols	6.81	107	151251	40.99	ng	89
22) Acetophenone	6.78	105	197427	37.81	ng	# 72
24) Nitrobenzene	6.95	77	177689	43.18	ng	# 61
25) Isophorone	7.20	82	309860	42.04	ng	# 86
26) 2-Nitrophenol	7.27	139	76781	42.81	ng	# 45
27) 2,4-Dimethylphenol	7.34	122	125714	40.58	ng	# 83
28) bis(2-Chloroethoxy)methane	7.42	93	163184	38.33	ng	# 90
29) 2,4-Dichlorophenol	7.52	162	110397	41.10	ng	95
30) 1,2,4-Trichlorobenzene	7.59	180	123816	42.43	ng	95
31) Naphthalene	7.66	128	374683	36.75	ng	98
32) Benzoic acid	7.48	122	54401	25.84	ng	# 70
33) 4-Chloroaniline	7.72	127	159369	38.32	ng	# 79
34) Hexachlorobutadiene	7.79	225	74054	41.70	ng	98
35) Caprolactam	8.11	113	30084	36.51	ng	# 12
36) 4-Chloro-3-methylphenol	8.23	107	120908	40.21	ng	# 68
37) 2-Methylnaphthalene	8.35	142	281375	42.41	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	110889	38.36	ng	99
40) Hexachlorocyclopentadiene	8.50	237	41860	29.51	ng	96

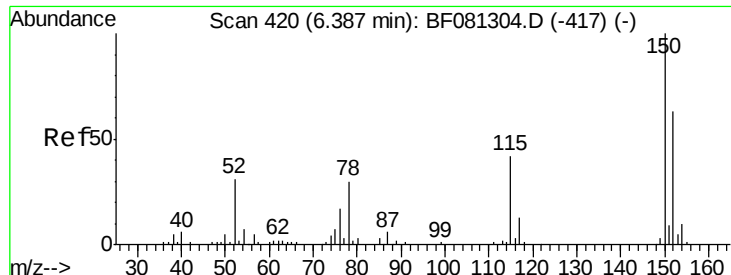
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081521.D
 Acq On : 8 Sep 2015 14:20
 Operator : UM/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 15:49:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	80535	40.37	nq	100
43) 2,4,5-Trichlorophenol	8.68	196	84388	41.46	nq	# 91
45) 1,1'-Biphenyl	8.82	154	337808	40.17	nq	94
46) 2-Chloronaphthalene	8.83	162	236669	38.97	nq	# 88
47) 2-Nitroaniline	8.95	65	113741	45.95	nq	# 69
48) Acenaphthylene	9.24	152	423806	39.34	nq	98
49) Dimethylphthalate	9.14	163	297140	41.84	nq	# 96
50) 2,6-Dinitrotoluene	9.20	165	57781	35.85	nq	92
51) Acenaphthene	9.42	154	248413	40.53	nq	90
52) 3-Nitroaniline	9.36	138	85468	46.58	nq	# 68
53) 2,4-Dinitrophenol	9.47	184	23923	35.24	nq	# 60
54) Dibenzofuran	9.59	168	356081	39.79	nq	93
55) 4-Nitrophenol	9.59	139	183844	159.48	nq	# 32
56) 2,4-Dinitrotoluene	9.59	165	74534	36.32	nq	# 15
57) Fluorene	9.92	166	261517	38.51	nq	95
58) 2,3,4,6-Tetrachlorophenol	9.71	232	69710	44.86	nq	97
59) Diethylphthalate	9.83	149	308131	41.25	nq	96
60) 4-Chlorophenyl-phenylether	9.93	204	129230	40.83	nq	96
61) 4-Nitroaniline	9.96	138	72406	39.06	nq	# 23
62) Azobenzene	10.08	77	318948	38.40	nq	# 79
64) 4,6-Dinitro-2-methylphenol	10.00	198	43028	41.26	nq	91
65) n-Nitrosodiphenylamine	10.04	169	234805	34.61	nq	90
66) 4-Bromophenyl-phenylether	10.41	248	75714	40.16	nq	# 90
67) Hexachlorobenzene	10.47	284	77372	39.26	nq	# 77
68) Atrazine	10.58	200	69895	35.60	nq	81
69) Pentachlorophenol	10.66	266	37656	43.70	nq	98
70) Phenanthrene	10.87	178	423041	40.82	nq	97
71) Anthracene	10.91	178	368809	34.64	nq	98
72) Carbazole	11.08	167	404780	40.51	nq	96
73) Di-n-butylphthalate	11.44	149	516257	43.75	nq	# 98
74) Fluoranthene	12.03	202	402083	35.84	nq	91
76) Benzidine	12.18	184	218826	35.67	nq	98
77) Pyrene	12.26	202	462927	43.73	nq	98
79) Butylbenzylphthalate	12.91	149	194691	42.28	nq	92
80) Benzo(a)anthracene	13.44	228	345072	37.91	nq	97
81) 3,3'-Dichlorobenzidine	13.42	252	101049	32.91	nq	# 95
82) Chrysene	13.47	228	271579	33.29	nq	96
83) Bis(2-ethylhexyl)phthalate	13.47	149	221250	36.41	nq	# 87
84) Di-n-octyl phthalate	14.08	149	329702	32.95	nq	# 94
85) Indeno(1,2,3-cd)pyrene	15.83	276	244777	40.89	nq	# 85
87) Benzo(b)fluoranthene	14.46	252	509727	76.24	nq	# 84
88) Benzo(k)fluoranthene	14.46	252	509727	91.89	nq	# 85
89) Benzo(a)pyrene	14.71	252	221001	39.01	nq	# 85
90) Dibenzo(a,h)anthracene	15.84	278	202174	46.18	nq	# 79
91) Benzo(g,h,i)perylene	16.14	276	205279	49.13	nq	# 77

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

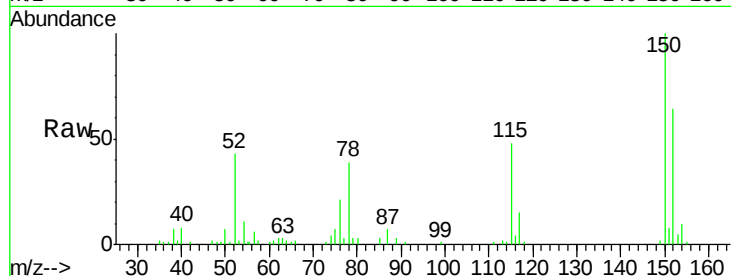


#1

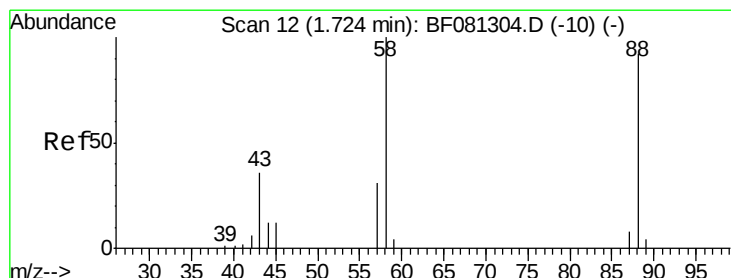
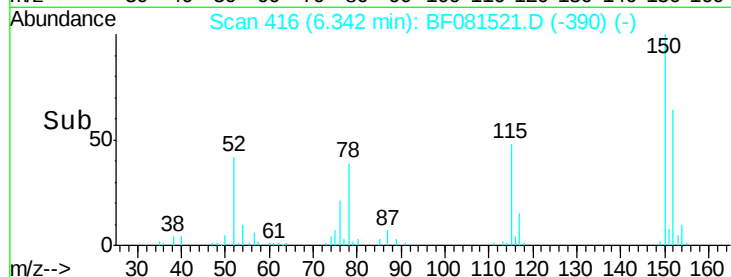
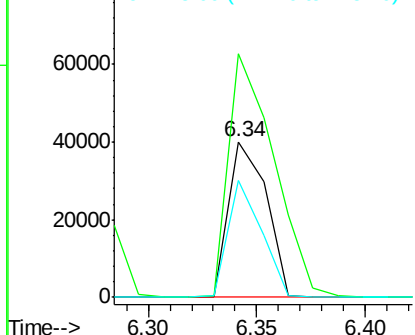
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 48289
Ion Ratio Lower Upper
152 100
150 156.7 124.7 187.1
115 74.9 39.0 58.4#



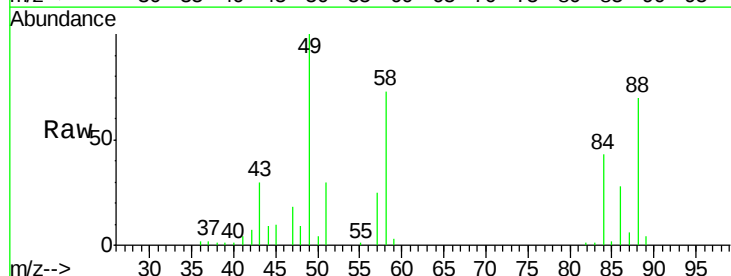
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



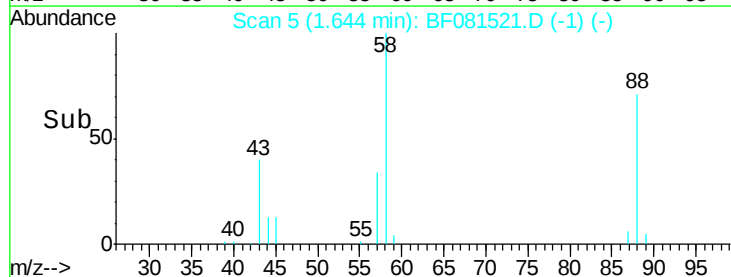
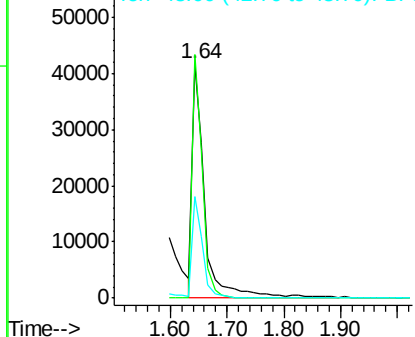
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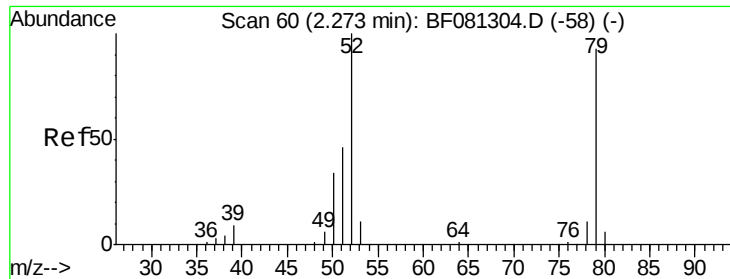
1,4-Dioxane
Concen: 46.54 ng
RT: 1.64 min Scan# 5
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion: 88 Resp: 65056
Ion Ratio Lower Upper
88 100
58 81.7 77.7 116.5
43 34.8 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: 35.35 ng

RT: 2.19 min Scan# 53

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

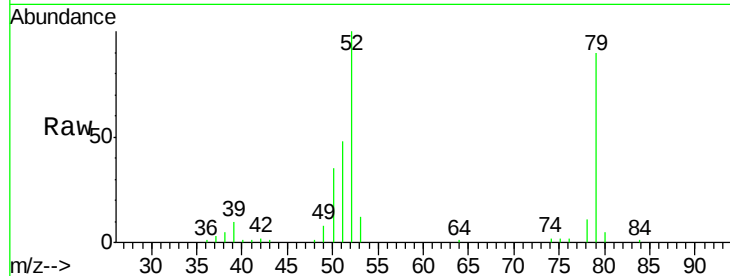
Tot Ion: 79 Resp: 136274

Ion Ratio Lower Upper

79 100

52 111.3 76.8 115.2

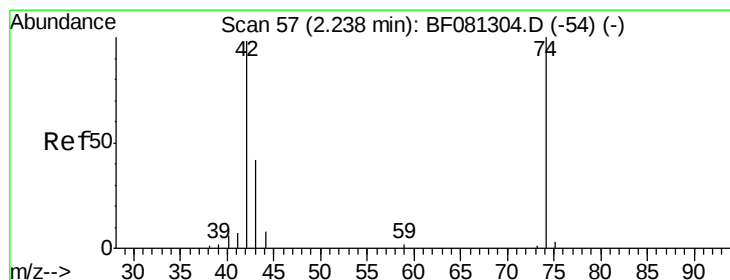
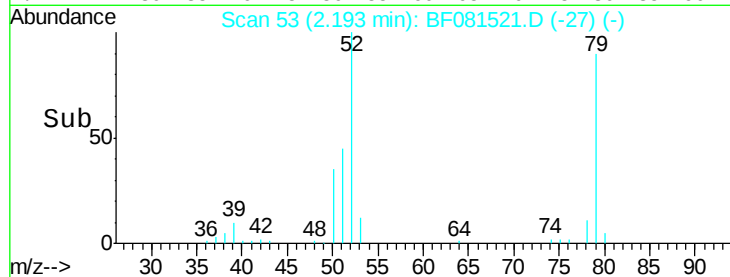
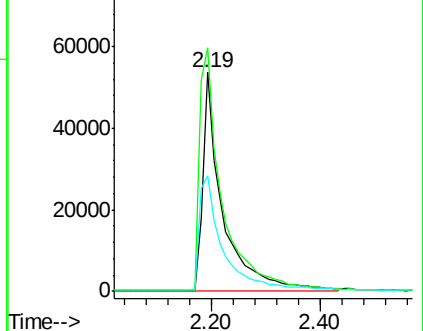
51 52.9 32.2 48.4#



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: 43.97 ng

RT: 2.16 min Scan# 50

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

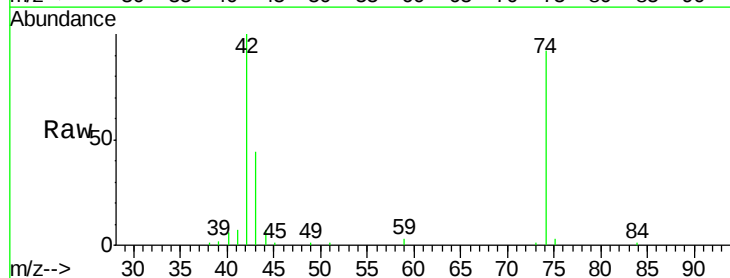
Tgt Ion: 42 Resp: 94151

Ion Ratio Lower Upper

42 100

74 91.6 105.0 157.6#

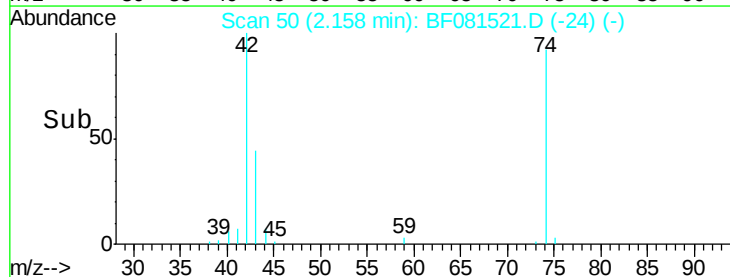
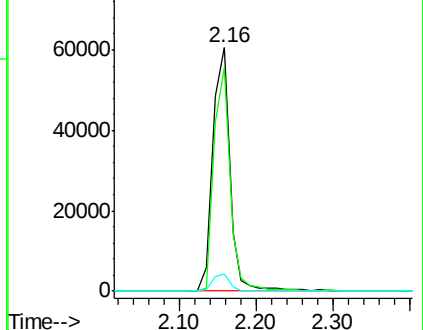
44 7.0 6.6 10.0

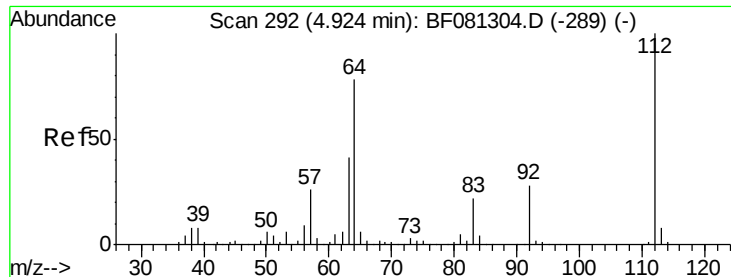


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.69 ng

RT: 4.88 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF081521.D

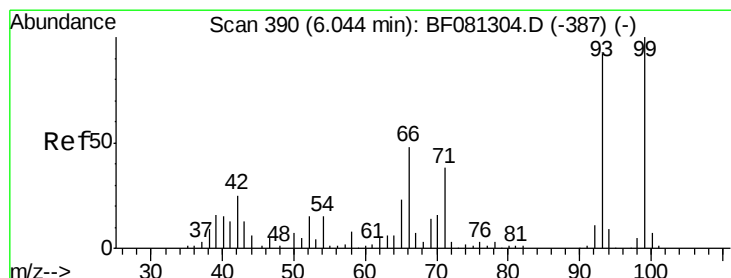
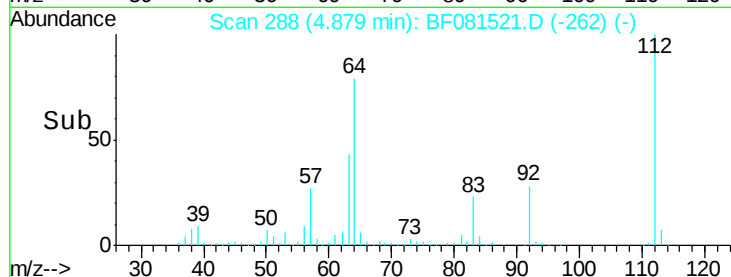
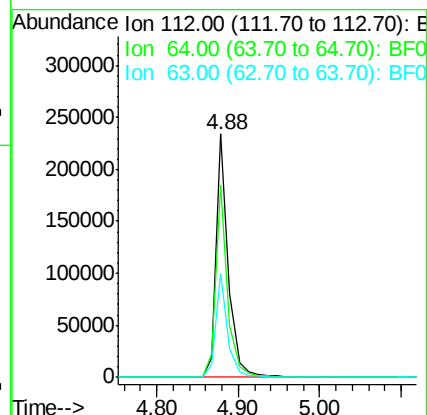
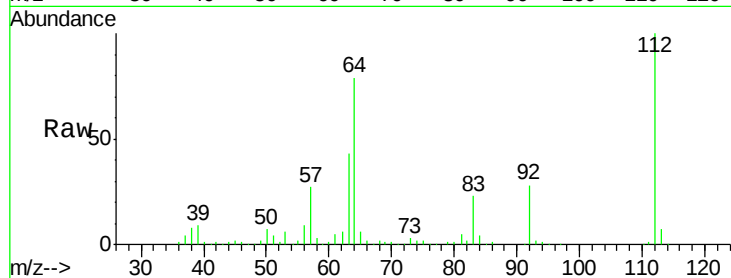
Acq: 8 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	248021
Ion	Ratio	Lower	Upper
112	100		
64	78.8	39.7	59.5#
63	42.5	17.4	26.0#



#6

Aniline

Concen: 41.11 ng

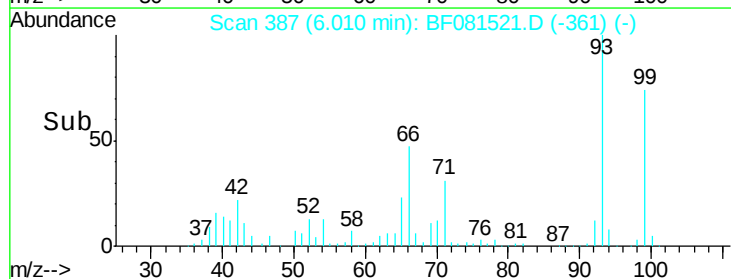
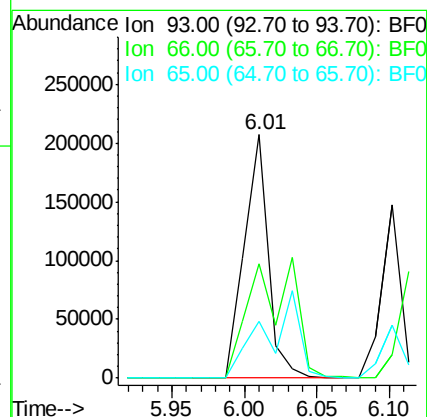
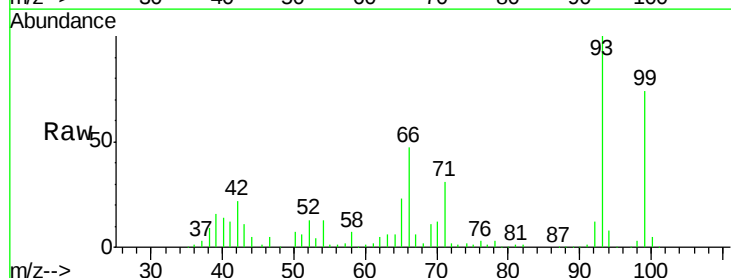
RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Tgt Ion:	93	Resp:	239142
Ion	Ratio	Lower	Upper
93	100		
66	47.0	27.2	40.8#
65	23.1	14.7	22.1#





#7

Phenol-d6

Concen: 82.17 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

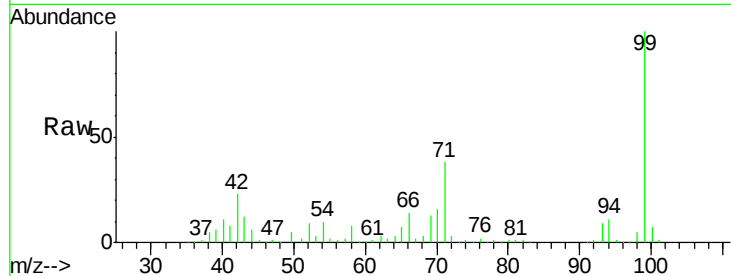
Tot Ion: 99 Resp: 338525

Ion Ratio Lower Upper

99 100

42 23.0 13.7 20.5#

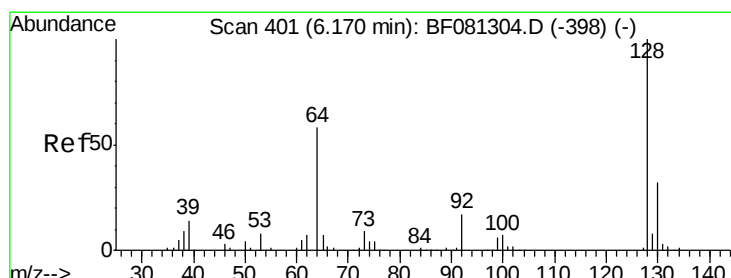
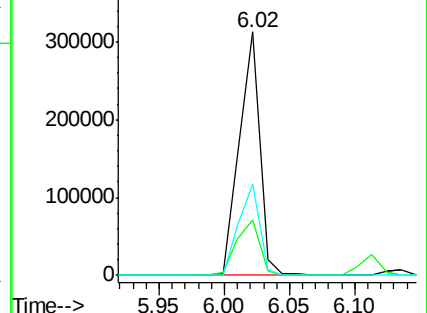
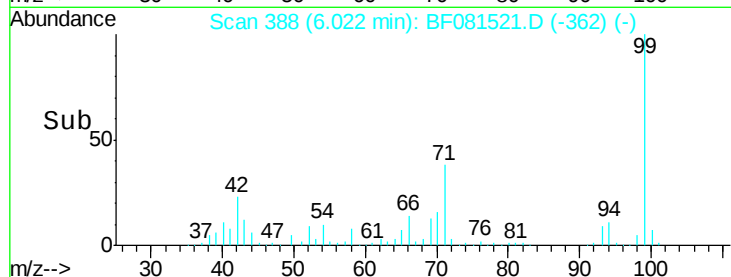
71 37.6 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.41 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

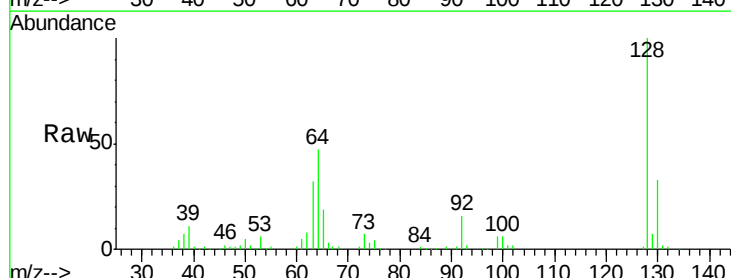
Tgt Ion: 128 Resp: 135173

Ion Ratio Lower Upper

128 100

130 33.3 12.2 52.2

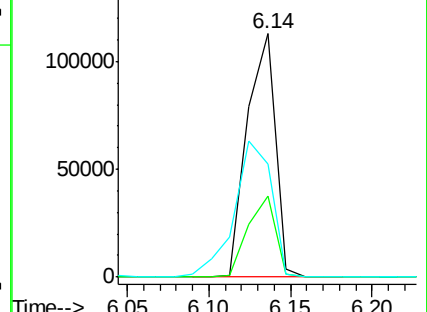
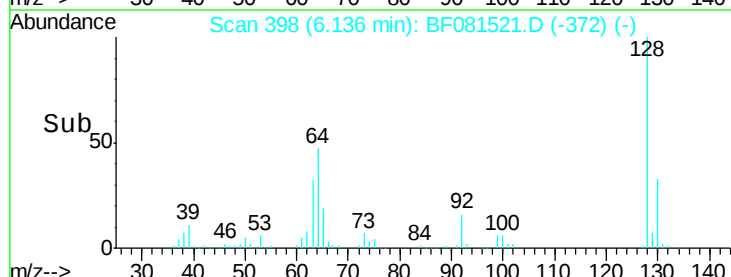
64 46.7 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

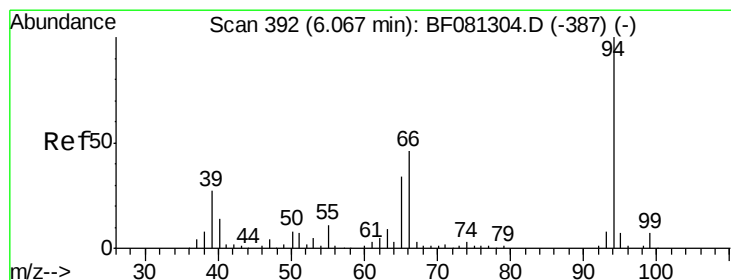
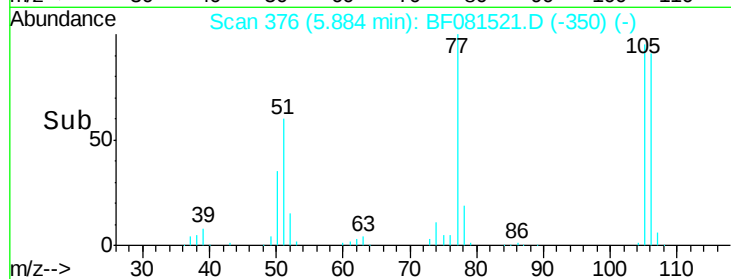
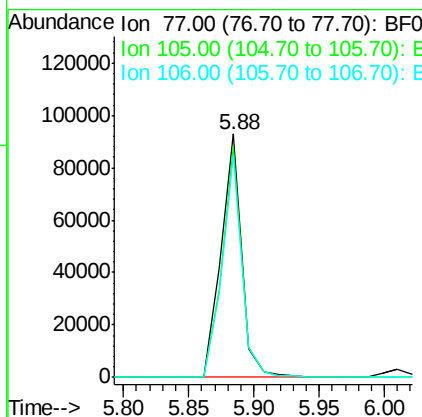
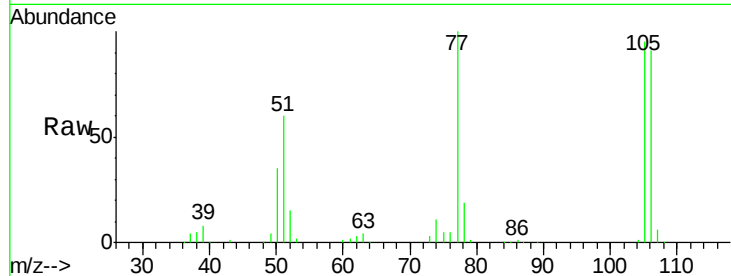




#9
Benzaldehyde
Concen: 39.75 ng
RT: 5.88 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

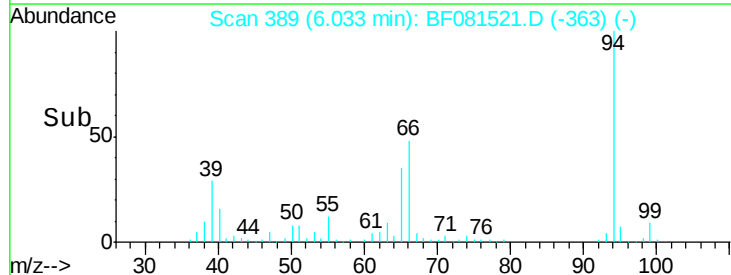
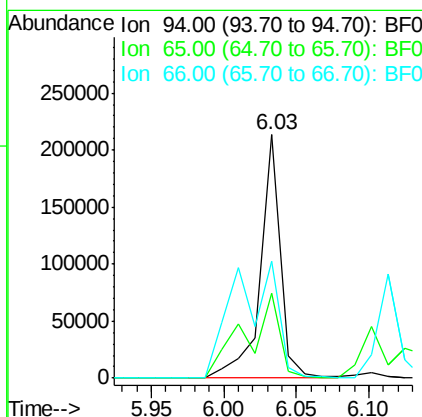
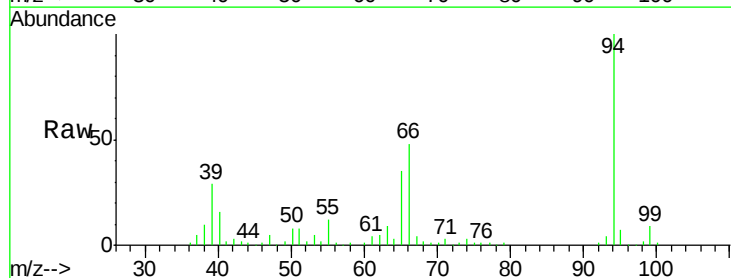
Instrument :
BNA_F
ClientSampled :

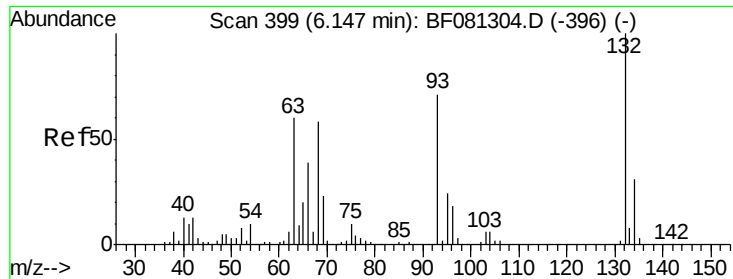
Tot Ion: 77 Resp: 102610
Ion Ratio Lower Upper
77 100
105 94.6 91.6 131.6
106 91.0 102.6 142.6#



#10
Phenol
Concen: 42.98 ng
RT: 6.03 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion: 94 Resp: 205328
Ion Ratio Lower Upper
94 100
65 35.0 0.7 40.7
66 48.2 0.8 40.8#

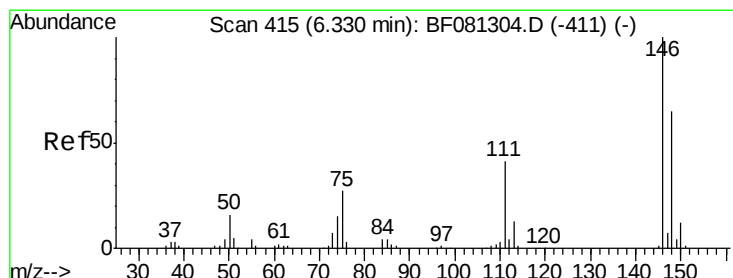
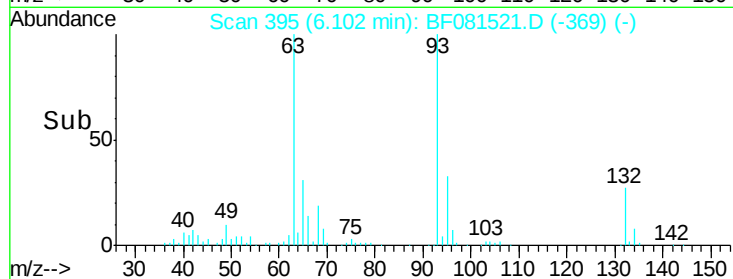
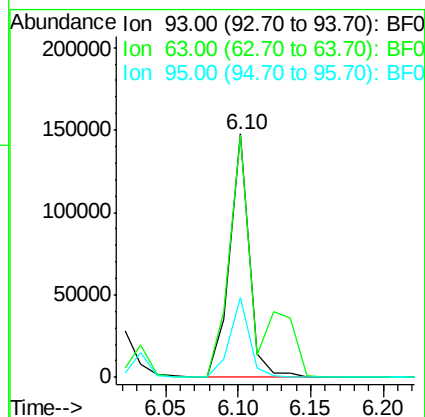
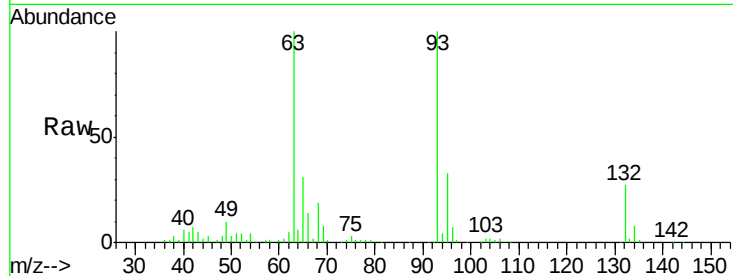




#11
bis(2-Chloroethyl)ether
Concen: 40.40 ng
RT: 6.10 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

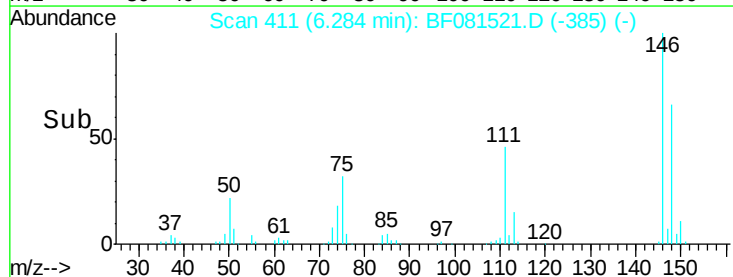
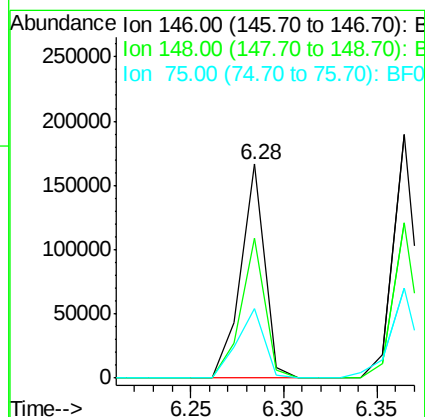
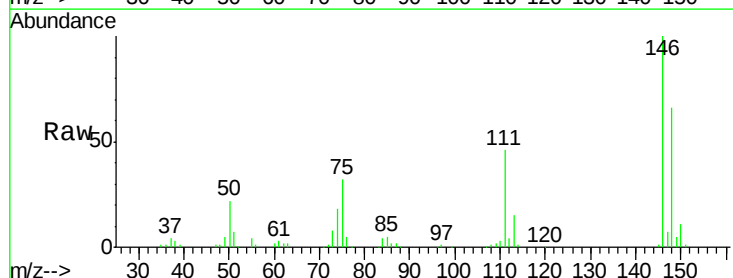
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 139257
Ion Ratio Lower Upper
93 100
63 99.8 65.6 105.6
95 32.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.08 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion: 146 Resp: 150546
Ion Ratio Lower Upper
146 100
148 65.5 51.0 76.4
75 32.5 15.0 22.6#

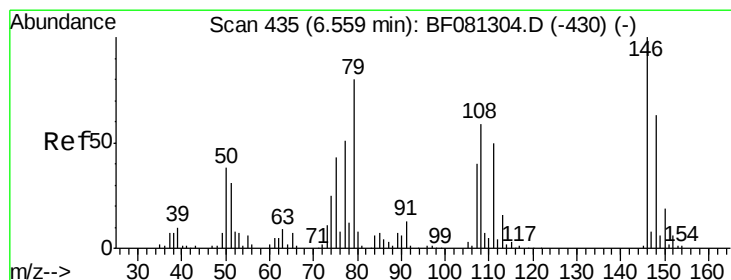
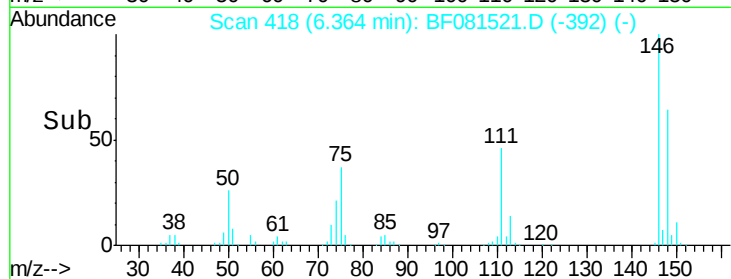
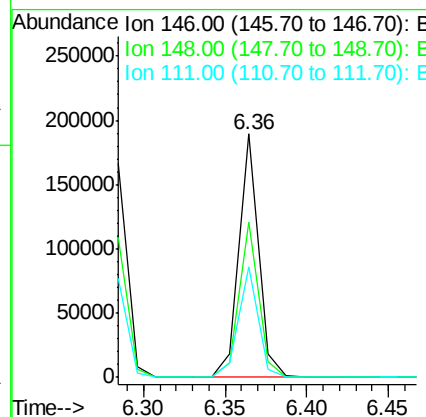
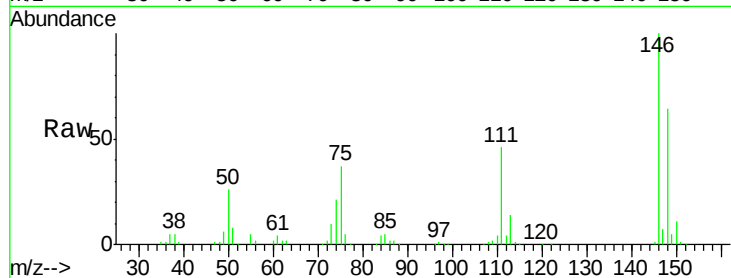




#13
 1,4-Dichlorobenzene
 Concen: 41.93 ng
 RT: 6.36 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

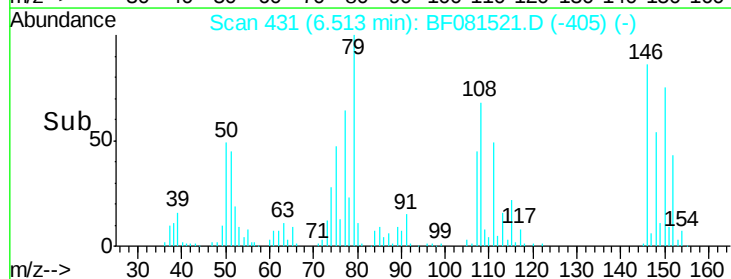
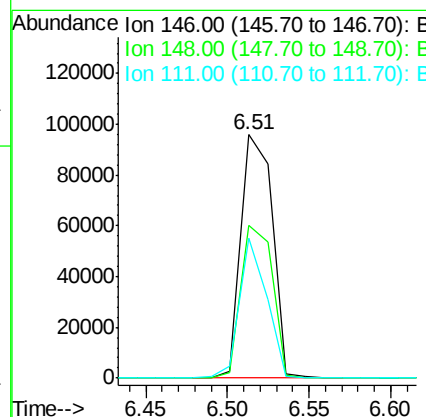
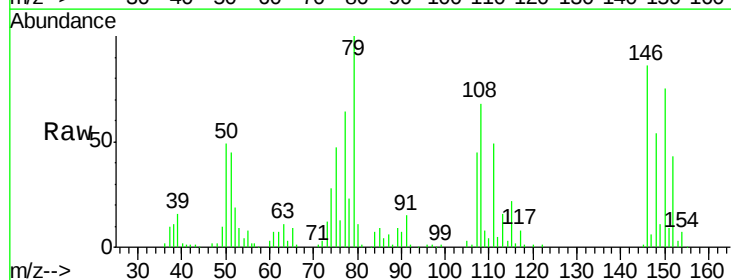
Instrument :
 BNA_F
 ClientSampleId :

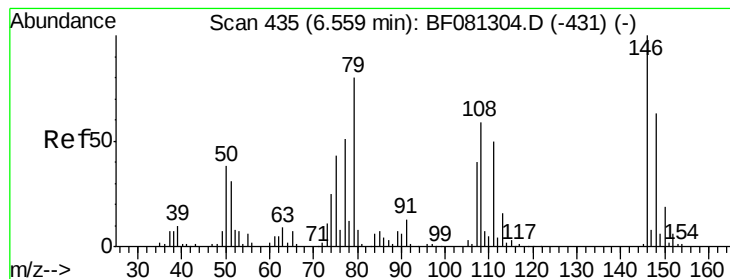
Tot Ion:146 Resp: 156452
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.6
 111 45.6 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 37.76 ng
 RT: 6.51 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion:146 Resp: 126836
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.7 79.1
 111 57.3 28.8 43.2#





#15

Benzyl Alcohol

Concen: 37.65 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

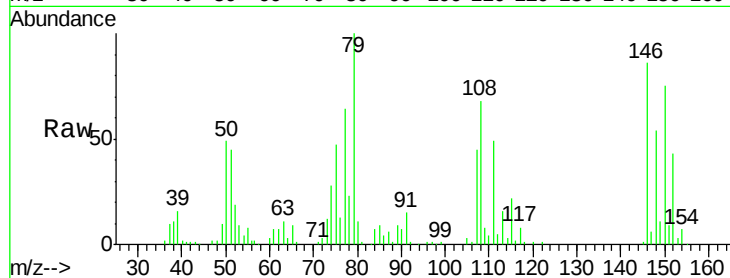
Tot Ion: 79 Resp: 127255

Ion Ratio Lower Upper

79 100

108 67.9 88.6 132.8#

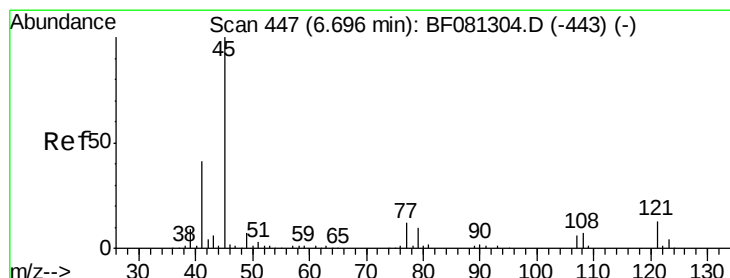
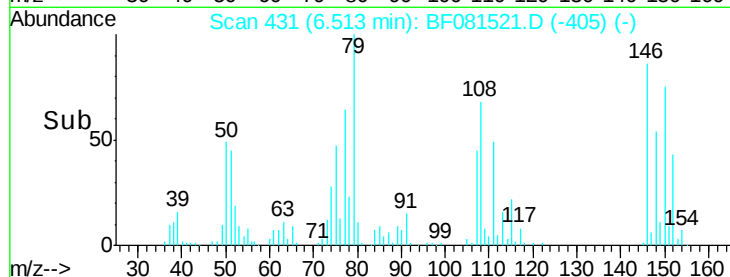
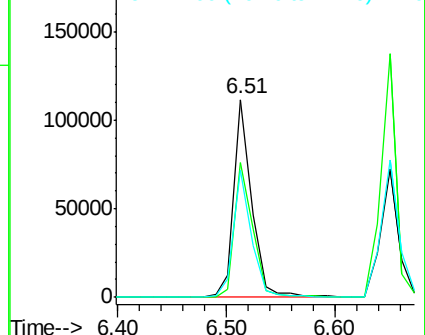
77 64.1 47.0 70.4



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: 43.19 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

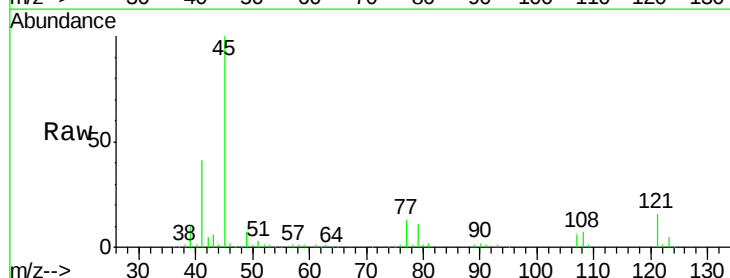
Tgt Ion: 45 Resp: 285360

Ion Ratio Lower Upper

45 100

77 13.4 0.0 28.1

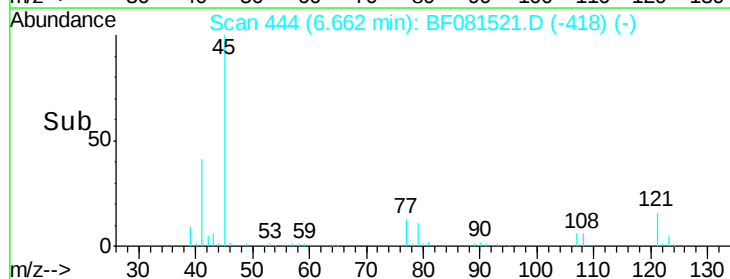
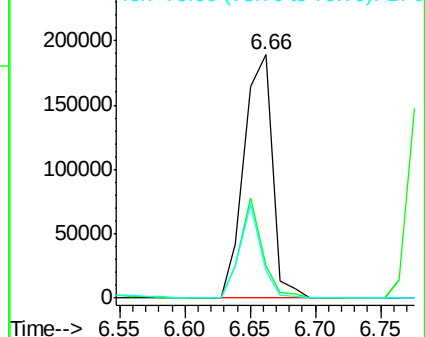
79 11.2 0.0 26.0

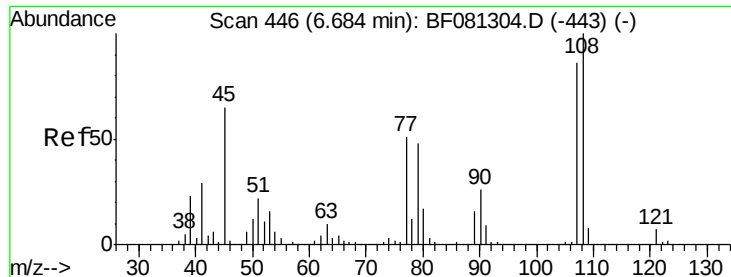


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

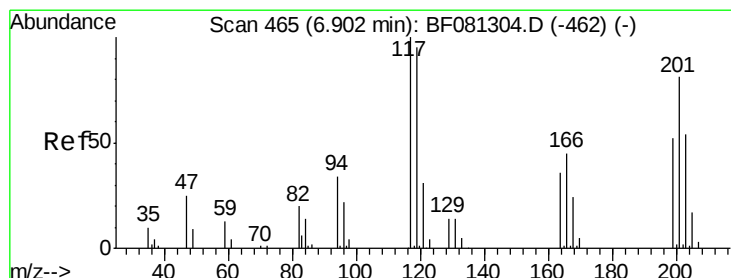
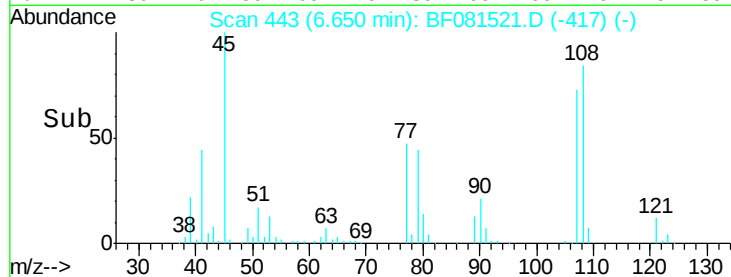
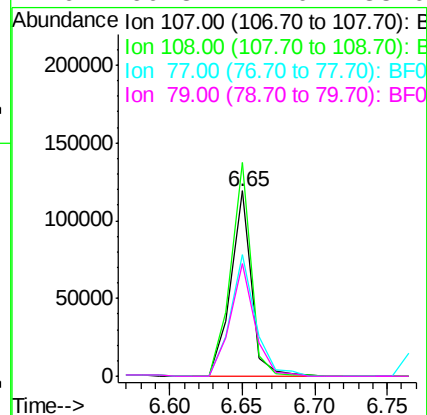
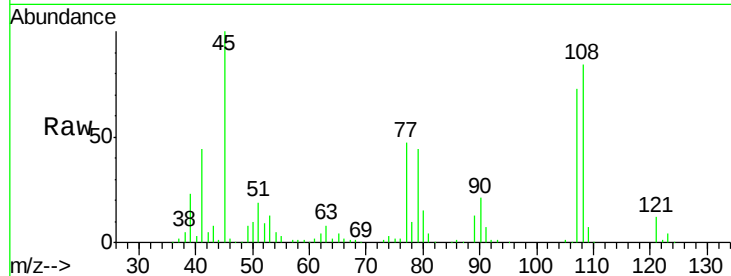




#17
2-Methylphenol
Concen: 43.03 ng
RT: 6.65 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

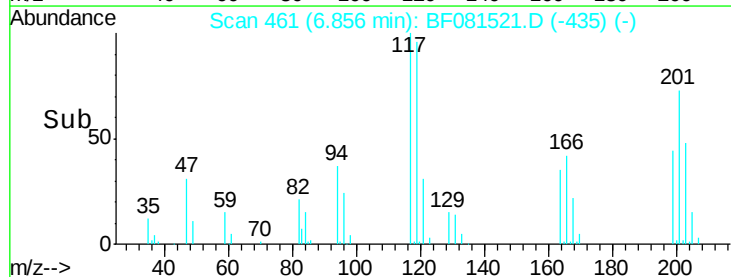
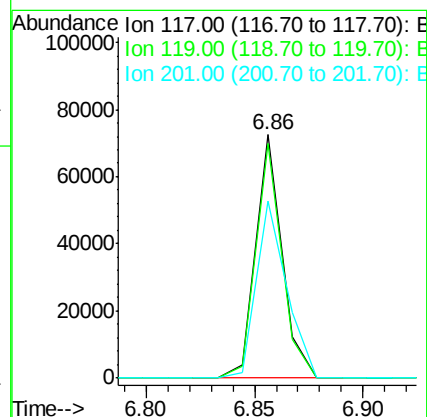
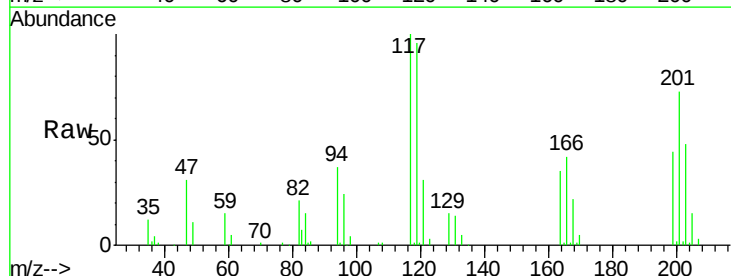
Instrument :
BNA_F
ClientSampled :

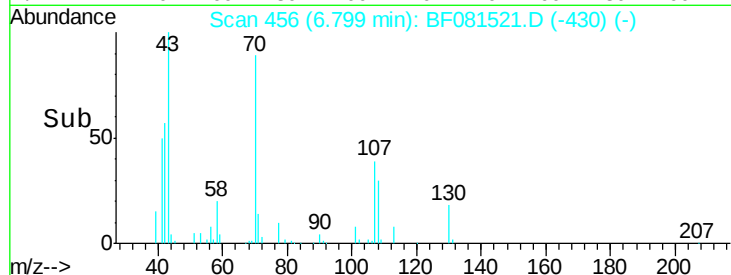
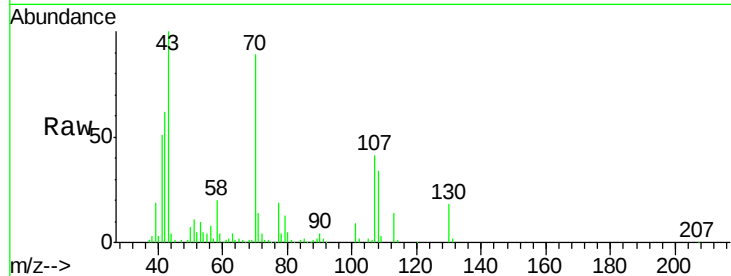
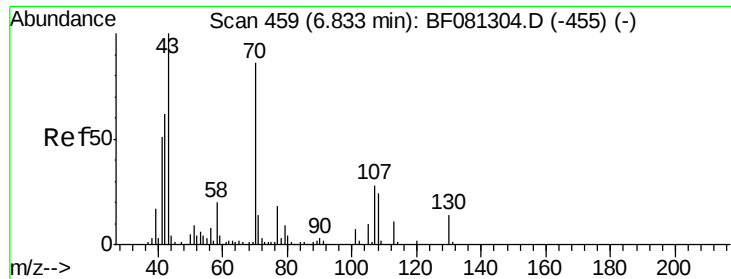
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.1	96.6	145.0
77	65.2	23.3	34.9
79	60.8	22.0	33.0



#18
Hexachloroethane
Concen: 42.08 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	83.8	125.6
201	72.6	55.1	82.7

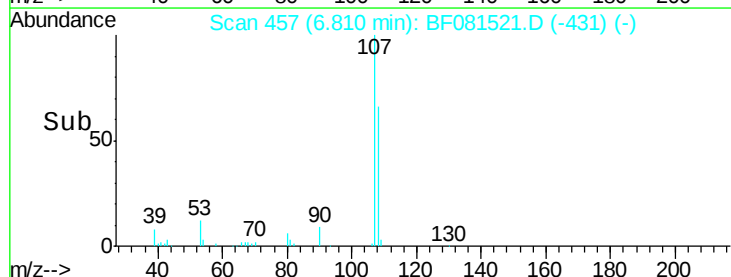
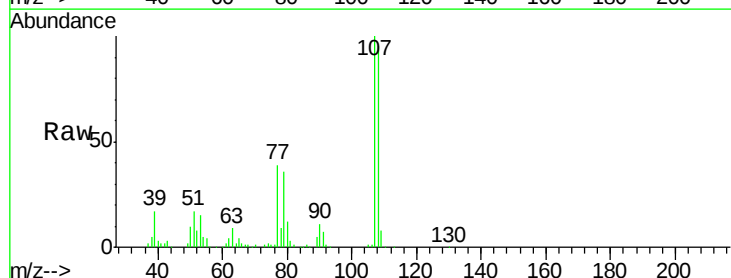
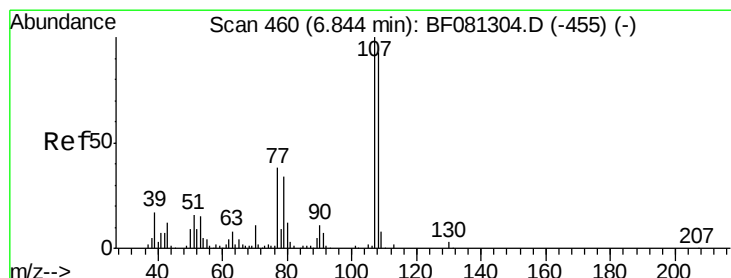
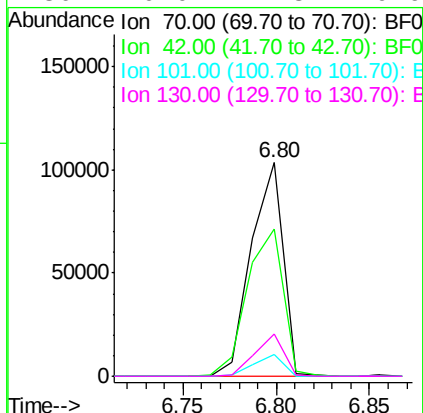




#19
n-Nitroso-di-n-propylamine
Concen: 43.81 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

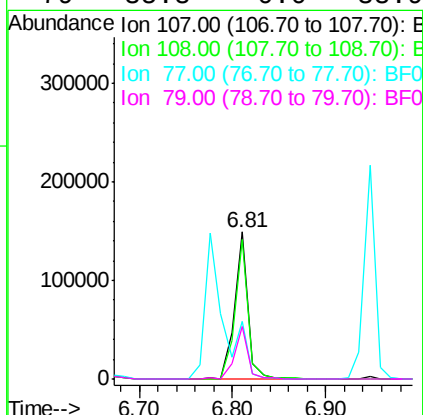
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.8	63.8	95.6
101	10.2	9.2	13.8
130	20.0	27.3	40.9



#20
3+4-Methylphenols
Concen: 40.99 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.7	74.6	114.6
77	39.2	0.7	40.7
79	35.8	0.0	38.9

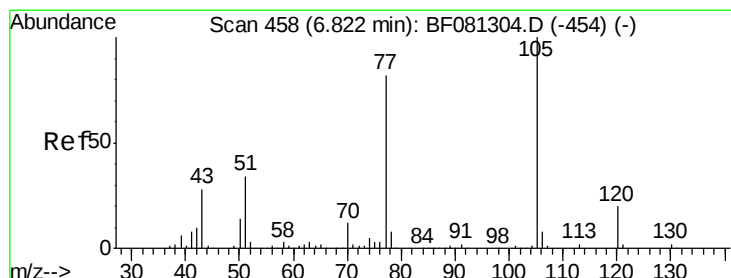
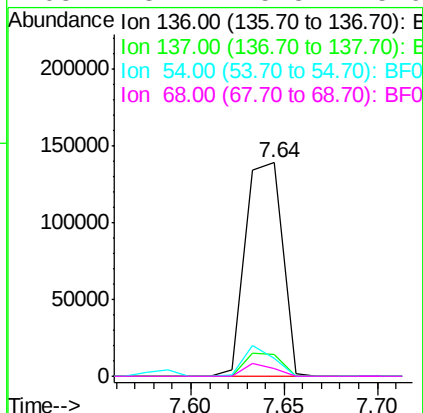
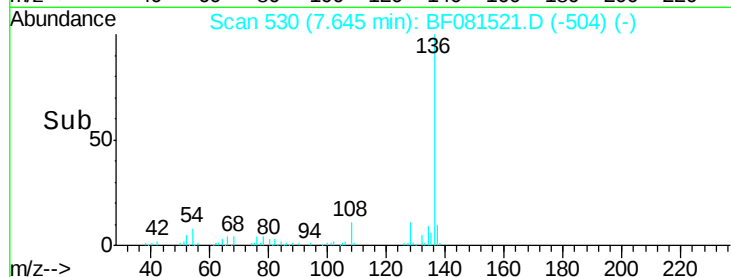
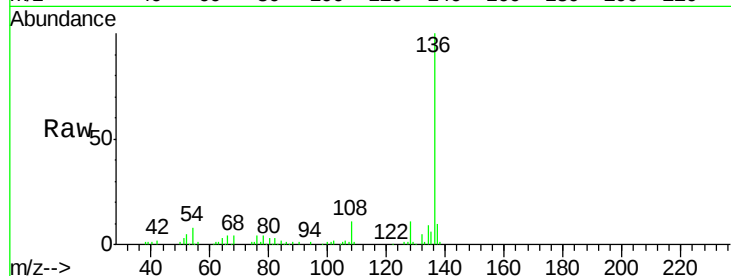




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

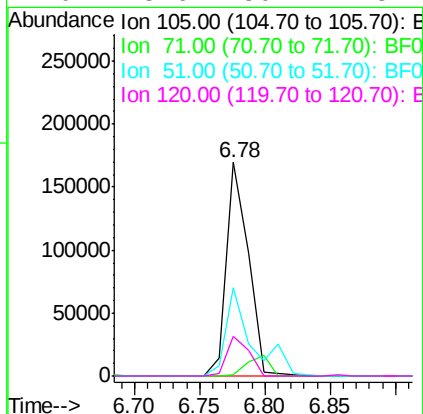
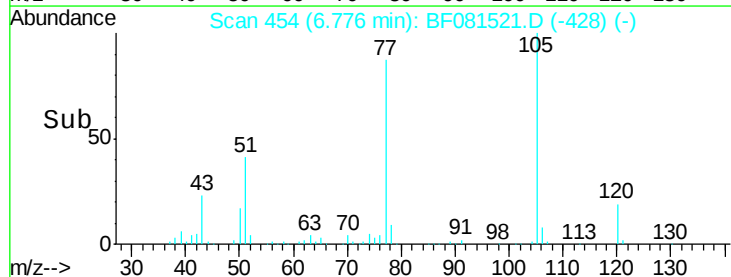
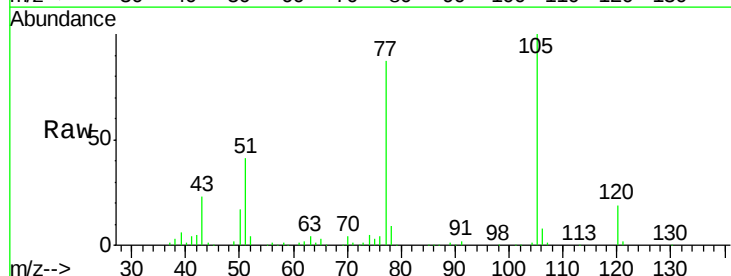
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	191189
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.0 13.6
54	8.1	8.2 12.2#
68	3.7	5.8 8.6#



#22
Acetophenone
Concen: 37.81 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion:105	Resp:	197427
Ion Ratio	Lower	Upper
105	100	
71	0.7	4.7 7.1#
51	41.4	22.0 33.0#
120	18.6	30.1 45.1#

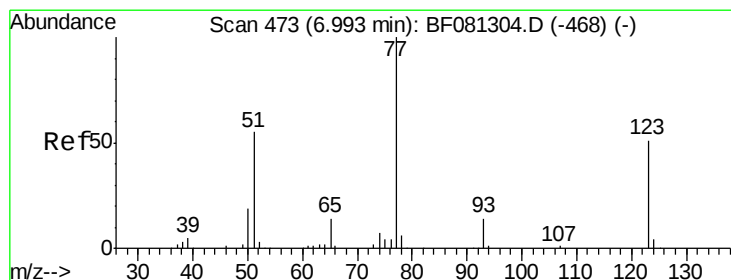
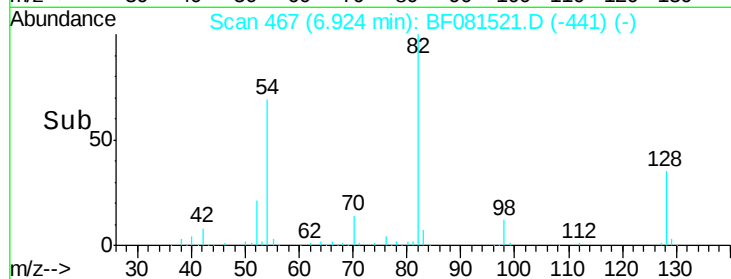
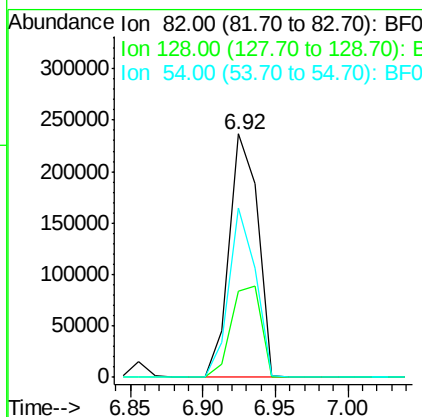
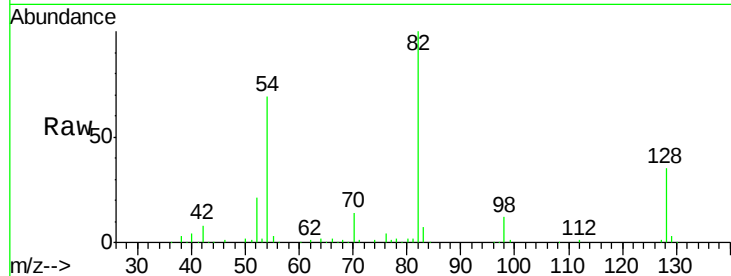




#23
Nitrobenzene-d5
Concen: 81.77 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

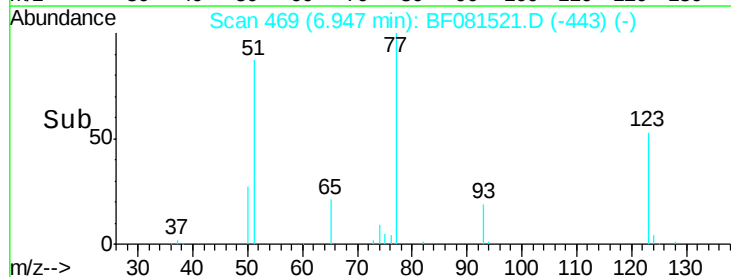
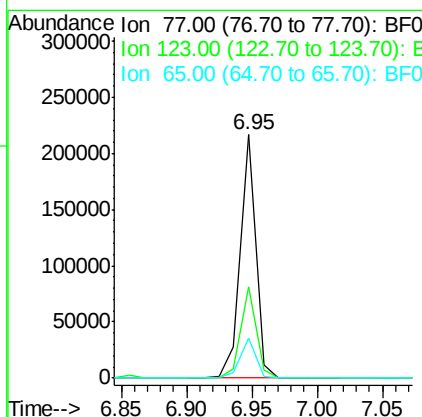
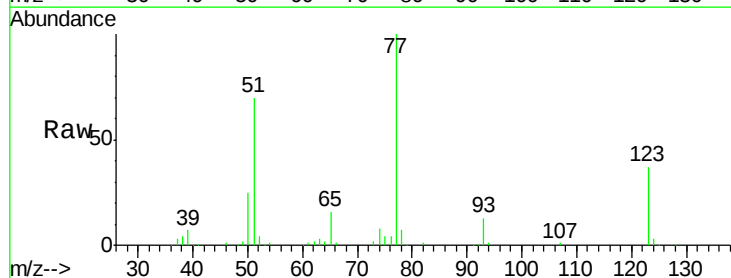
Instrument :
BNA_F
ClientSampleId :

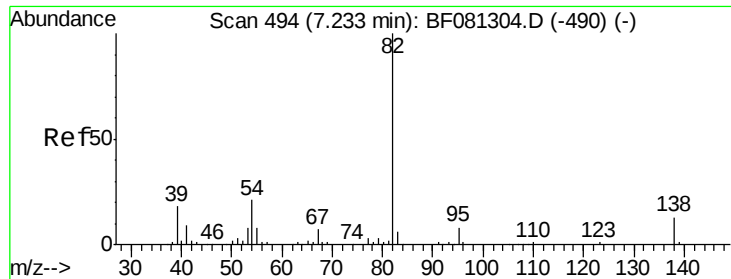
Tot Ion: 82 Resp: 324014
Ion Ratio Lower Upper
82 100
128 35.3 51.0 76.6#
54 69.4 47.5 71.3



#24
Nitrobenzene
Concen: 43.18 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion: 77 Resp: 177689
Ion Ratio Lower Upper
77 100
123 37.3 59.8 89.8#
65 16.2 10.2 15.4#





#25

Isophorone

Concen: 42.04 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

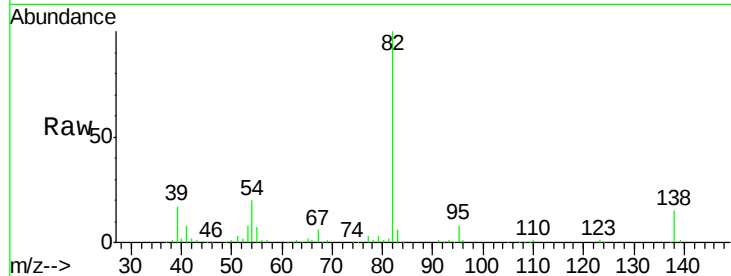
Tot Ion: 82 Resp: 309860

Ion Ratio Lower Upper

82 100

95 7.9 4.0 6.0#

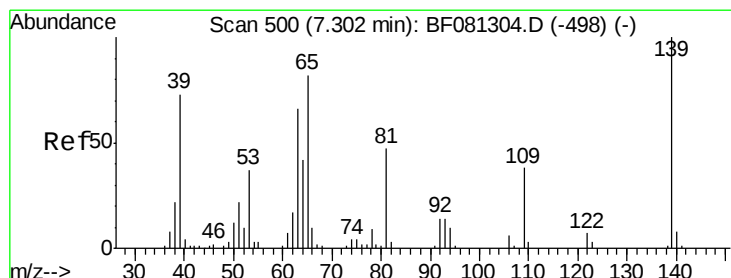
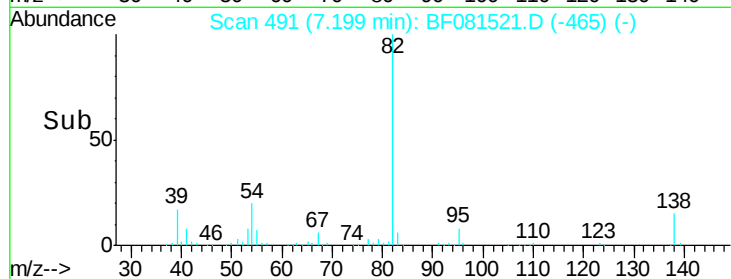
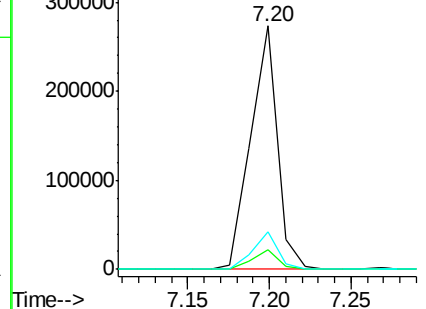
138 15.4 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.81 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

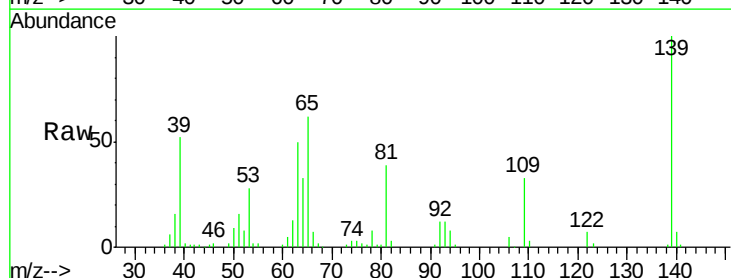
Tgt Ion: 139 Resp: 76781

Ion Ratio Lower Upper

139 100

109 33.3 11.0 16.4#

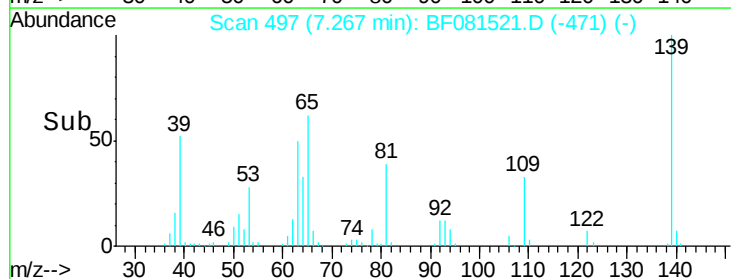
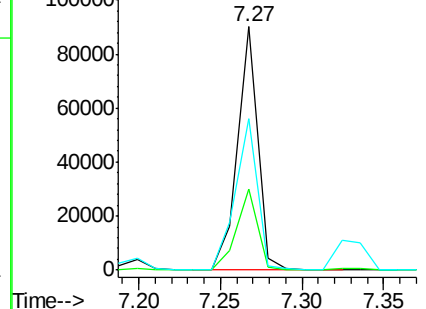
65 62.3 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.58 ng

RT: 7.34 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

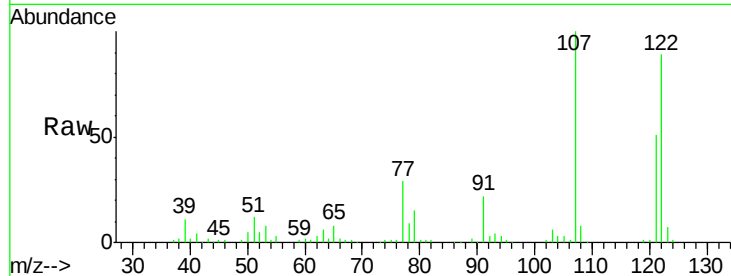
Tot Ion:122 Resp: 125714

Ion Ratio Lower Upper

122 100

107 112.6 71.8 107.6#

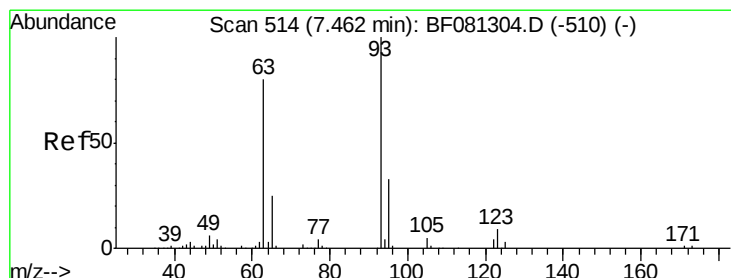
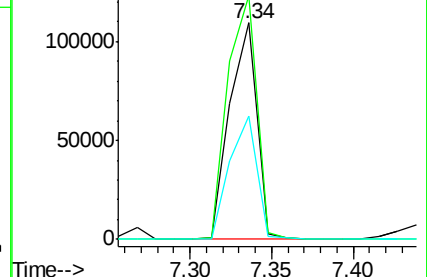
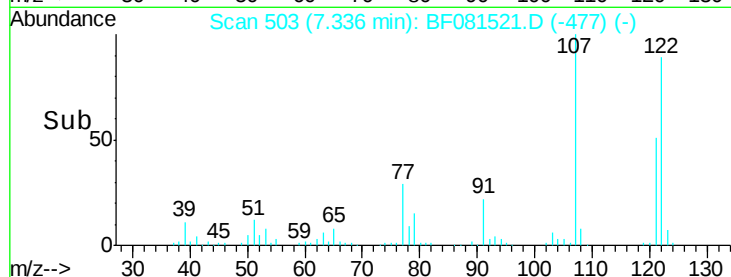
121 57.1 42.3 63.5



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: 38.33 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

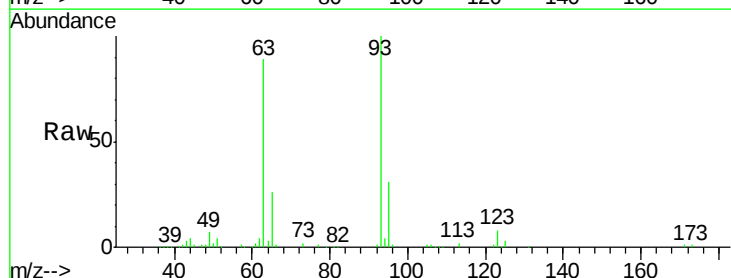
Tgt Ion: 93 Resp: 163184

Ion Ratio Lower Upper

93 100

95 31.4 27.5 41.3

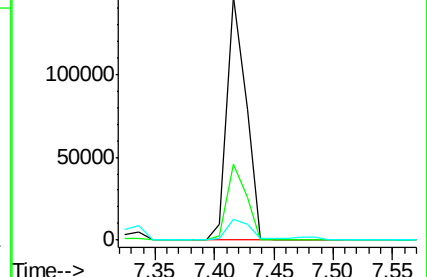
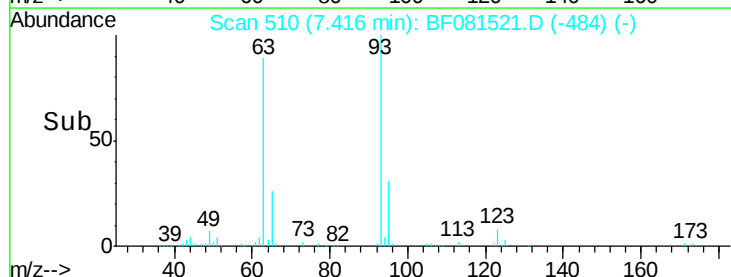
123 8.3 13.7 20.5#

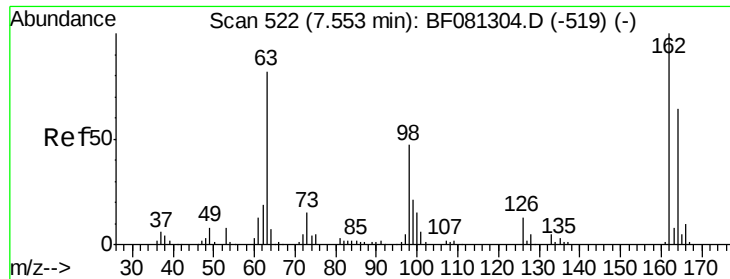


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

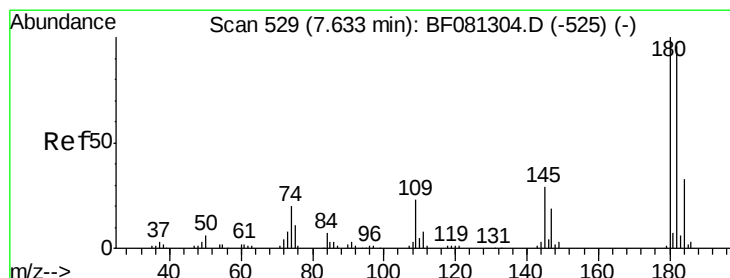
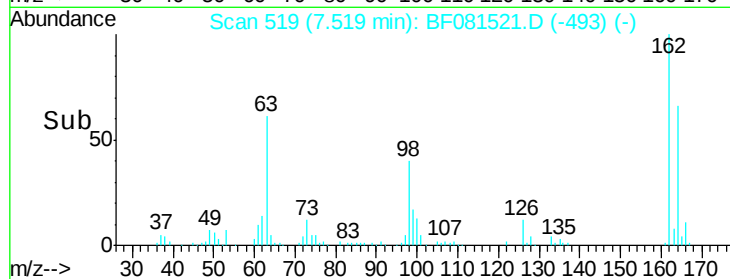
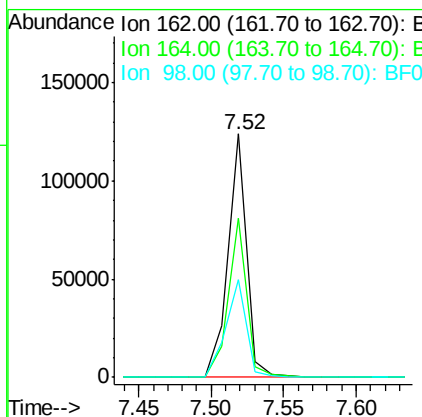
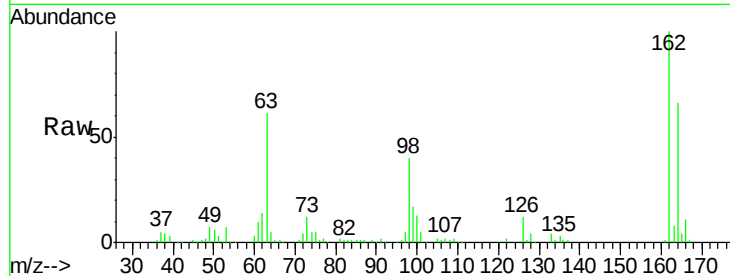




#29
 2,4-Dichlorophenol
 Concen: 41.10 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

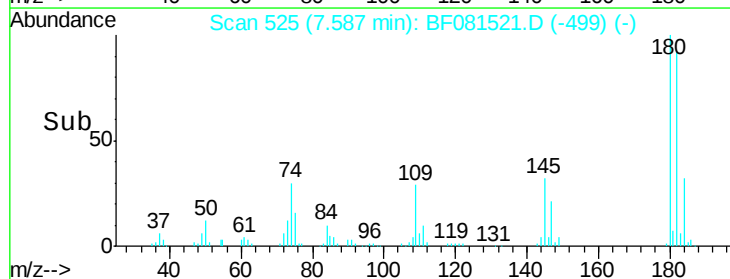
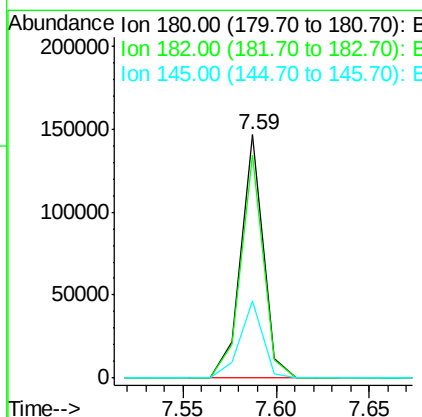
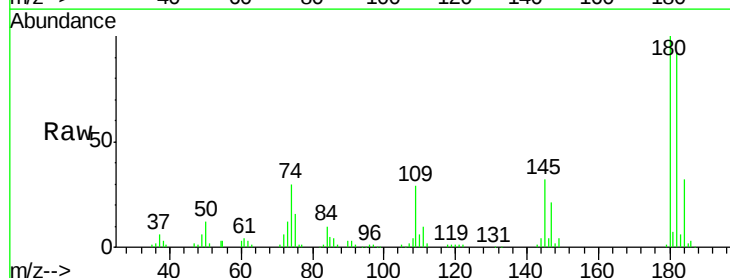
Instrument :
 BNA_F
 ClientSampleId :

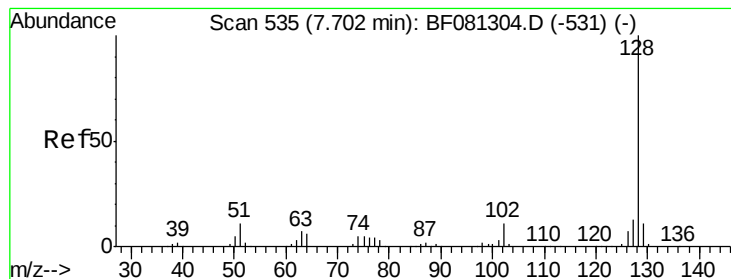
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.9	84.9
98	39.9	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 42.43 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	77.1	115.7
145	31.6	23.3	34.9





#31

Naphthalene

Concen: 36.75 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

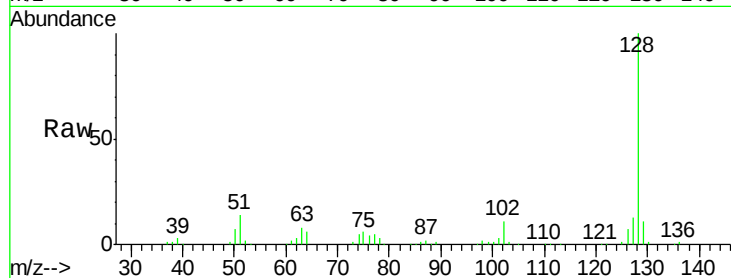
Tot Ion:128 Resp: 374683

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

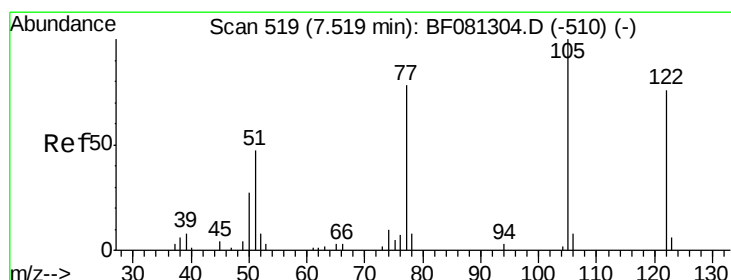
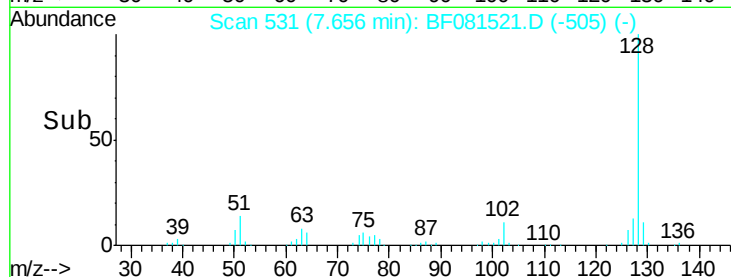
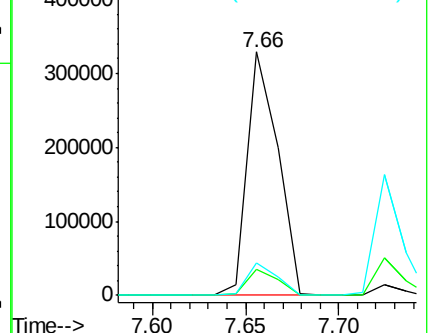
127 13.4 9.9 14.9



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: 25.84 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

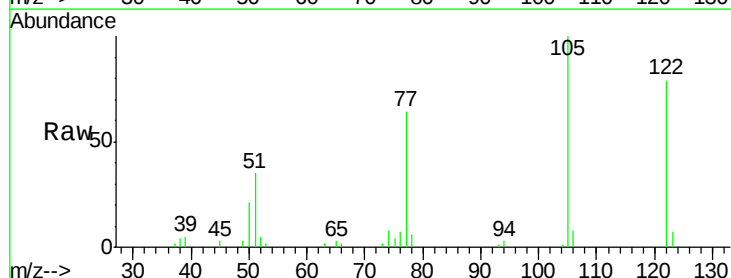
Tgt Ion:122 Resp: 54401

Ion Ratio Lower Upper

122 100

105 126.5 76.1 116.1#

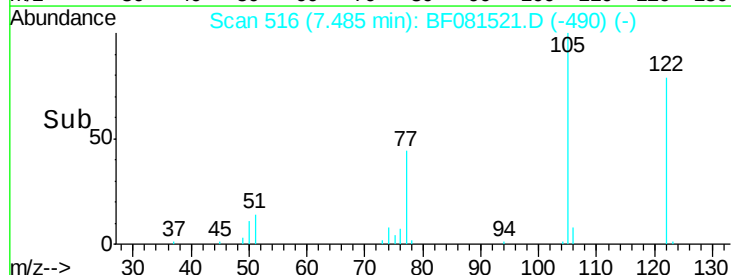
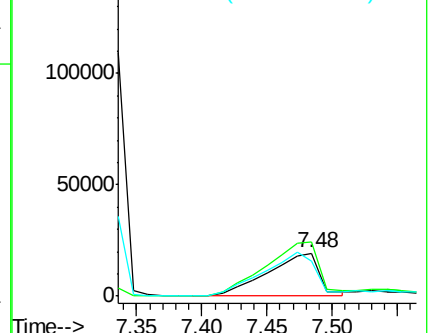
77 81.5 40.5 80.5#

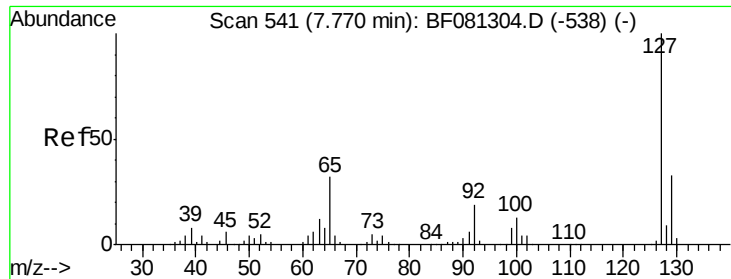


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

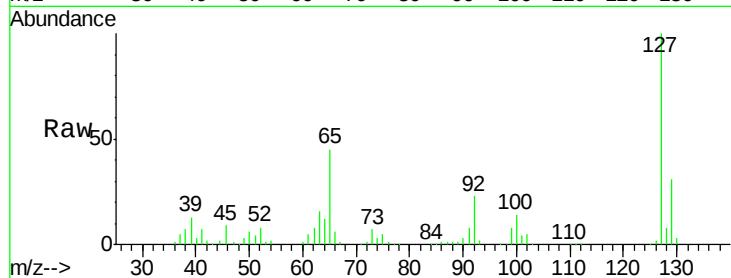




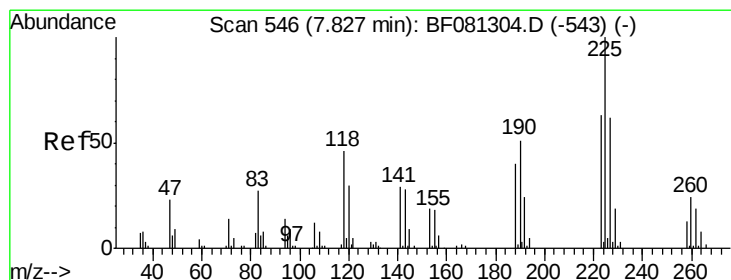
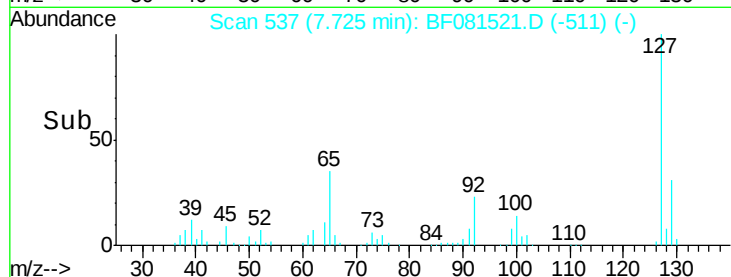
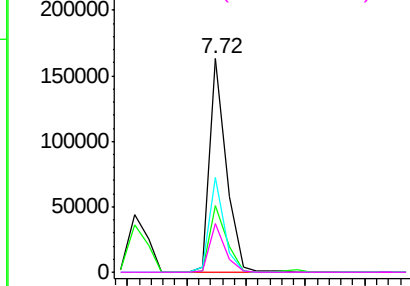
#33
4-Chloroaniline
Concen: 38.32 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	159369
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.8	38.6
65	44.5	17.9	26.9#
92	23.1	10.5	15.7#

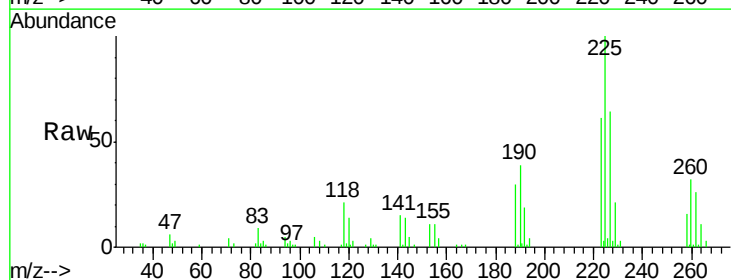


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

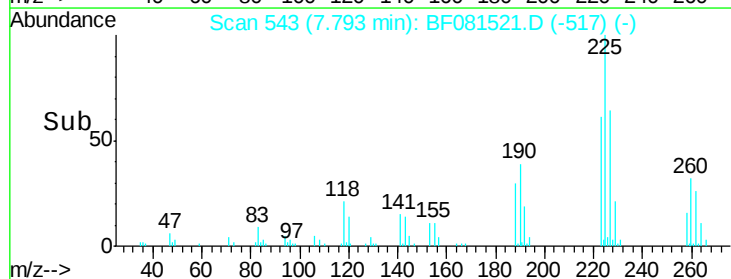
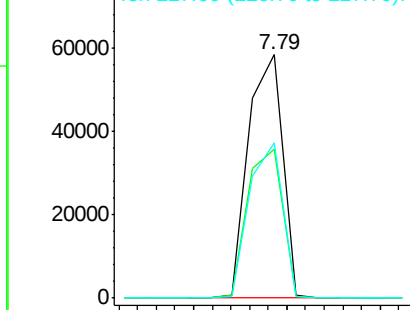


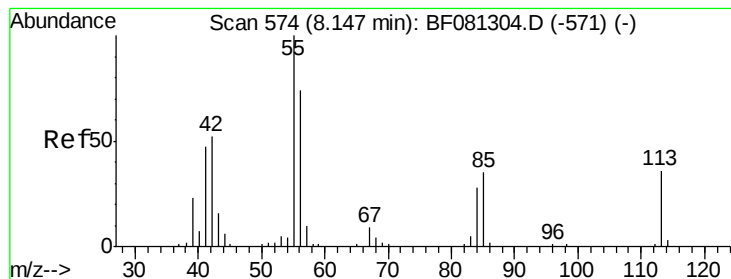
#34
Hexachlorobutadiene
Concen: 41.70 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion:	225	Resp:	74054
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.2	75.2
227	64.0	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: 36.51 ng

RT: 8.11 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

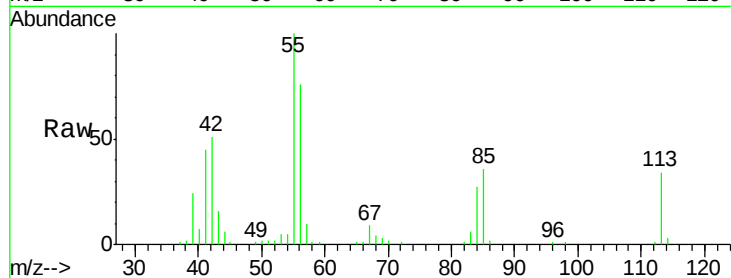
Tot Ion:113 Resp: 30084

Ion Ratio Lower Upper

113 100

55 294.3 152.4 192.4#

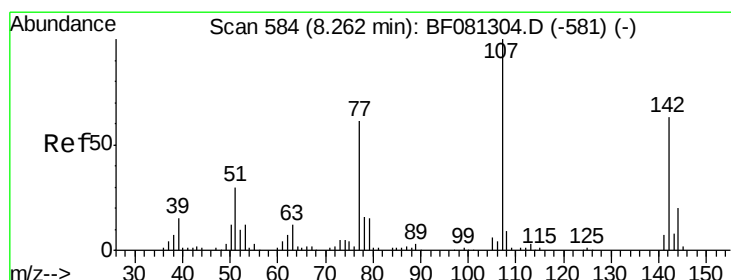
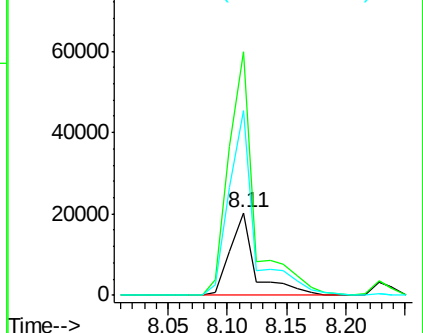
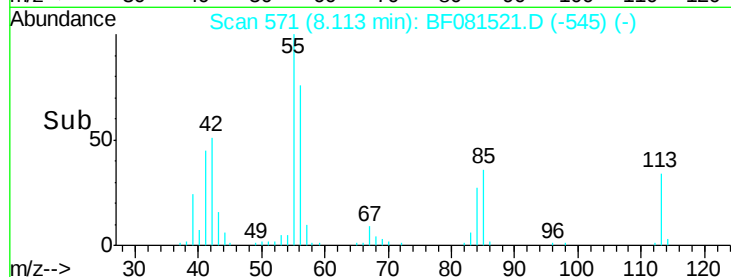
56 222.9 104.6 144.6#



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: 40.21 ng

RT: 8.23 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

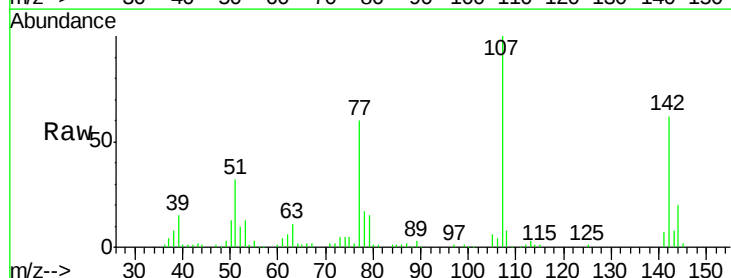
Tgt Ion:107 Resp: 120908

Ion Ratio Lower Upper

107 100

144 19.9 25.4 38.0#

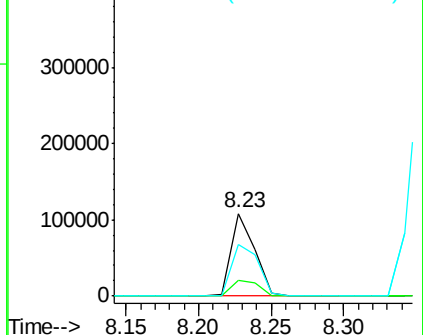
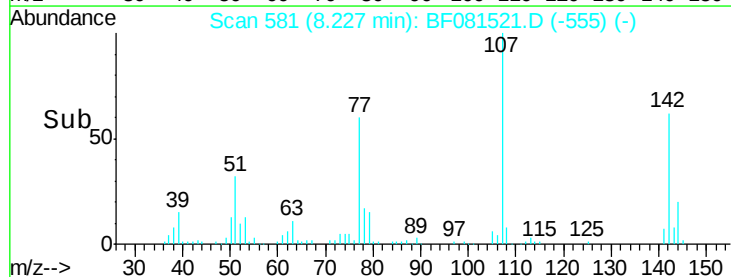
142 61.9 77.3 115.9#

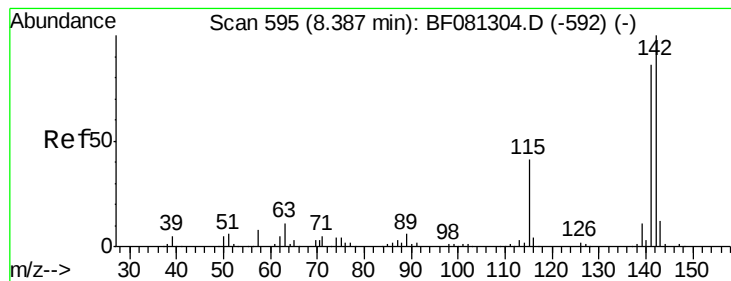


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

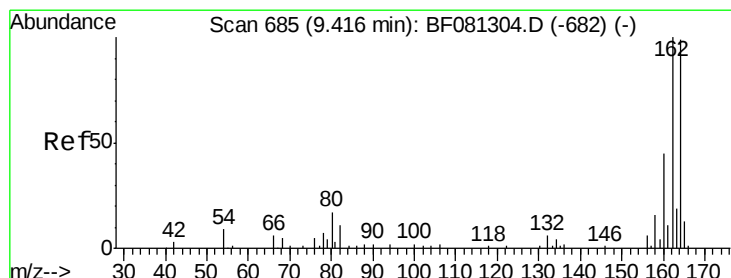
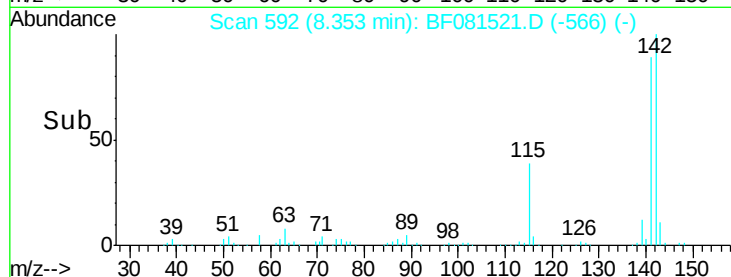
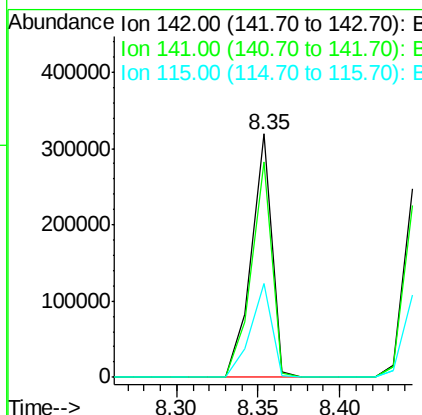
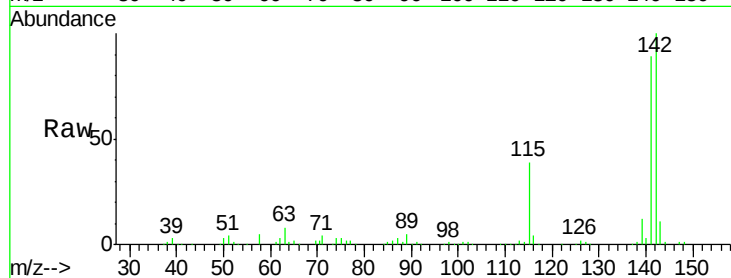




#37
 2-Methylnaphthalene
 Concen: 42.41 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

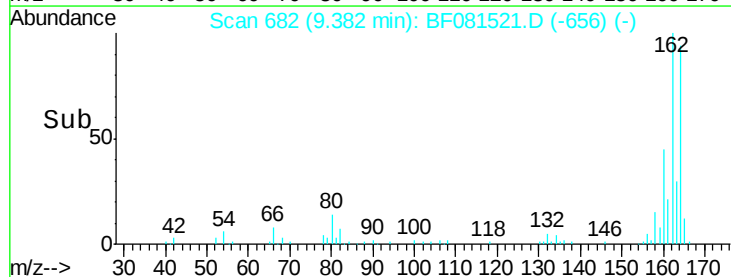
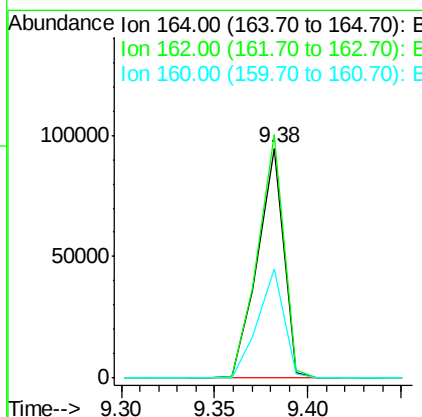
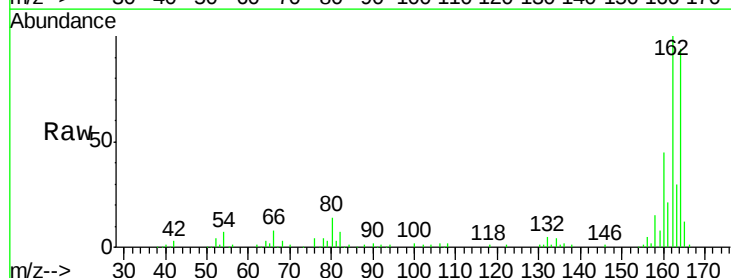
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 281375
 Ion Ratio Lower Upper
 142 100
 141 88.5 67.5 101.3
 115 38.5 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion:164 Resp: 91405
 Ion Ratio Lower Upper
 164 100
 162 106.1 75.2 112.8
 160 47.6 31.5 47.3#

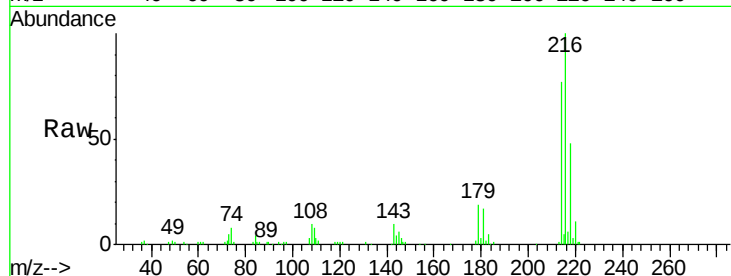




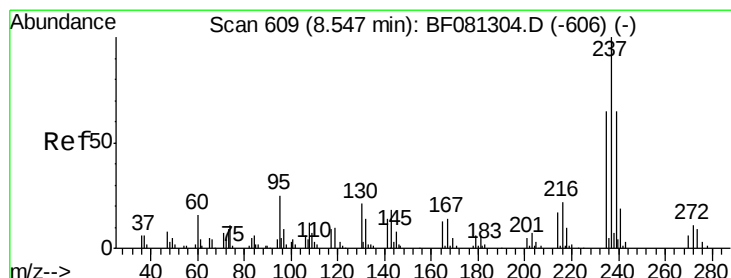
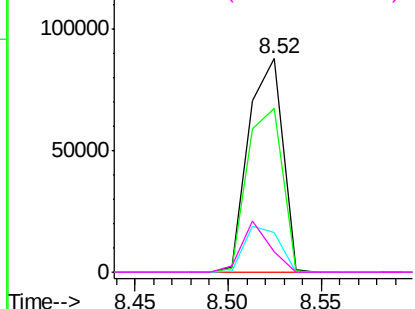
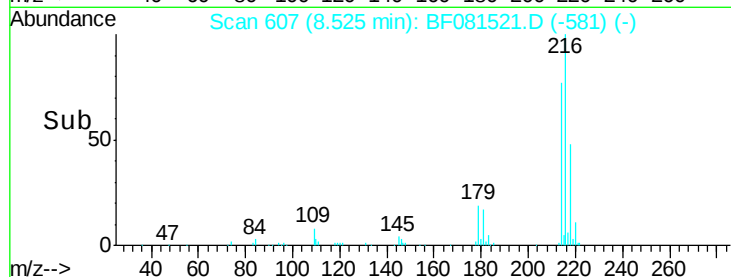
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.36 ng
 RT: 8.52 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	110889
Ion Ratio	Lower	Upper
216	100	
214	79.8	63.5 95.3
179	22.1	16.6 24.8
108	20.2	16.3 24.5

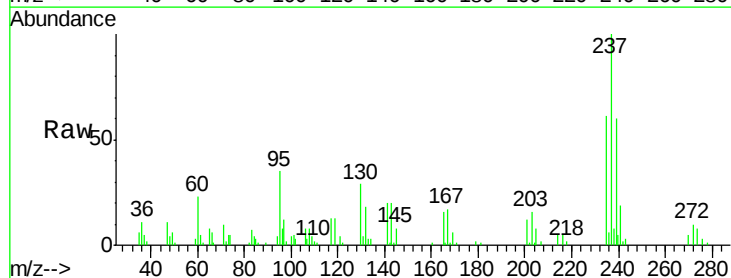


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

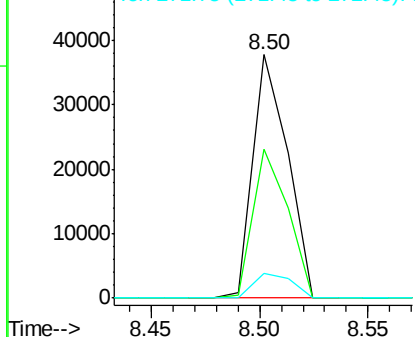
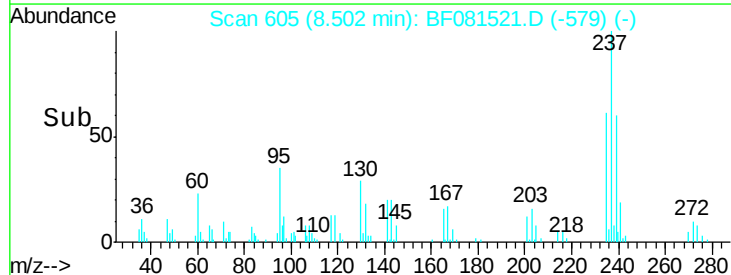


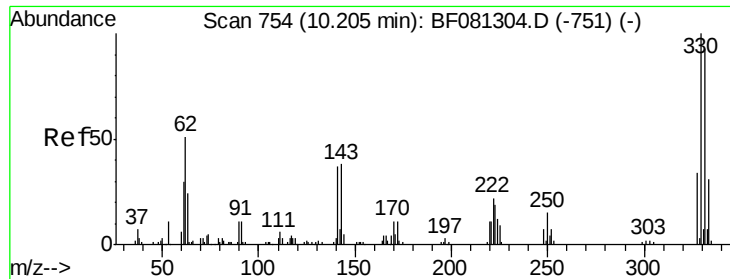
#40
 Hexachlorocyclopentadiene
 Concen: 29.51 ng
 RT: 8.50 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion:237	Resp:	41860
Ion Ratio	Lower	Upper
237	100	
235	61.0	42.0 82.0
272	9.9	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

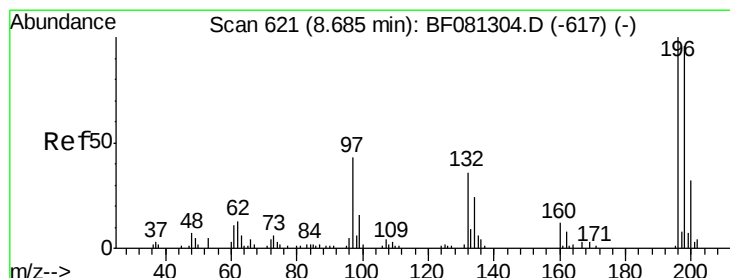
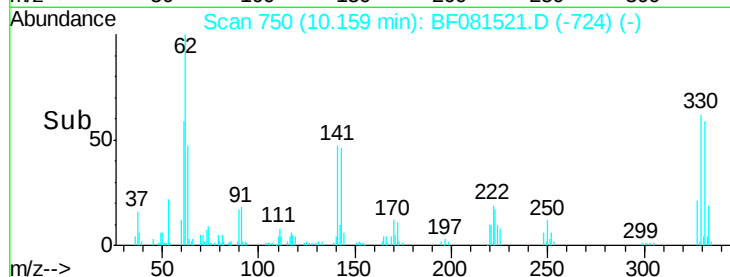
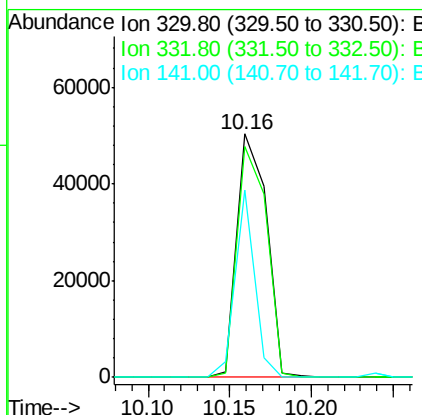
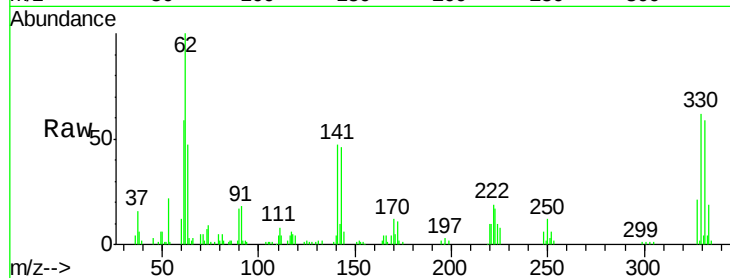




#41
 2,4,6-Tribromophenol
 Concen: 77.78 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

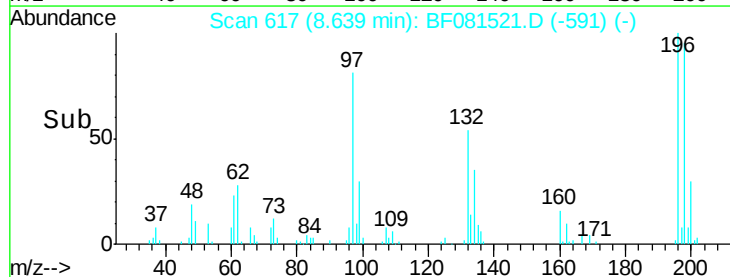
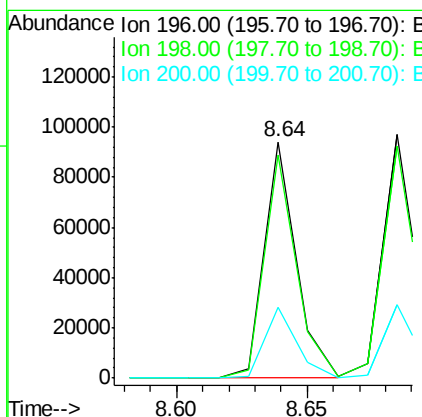
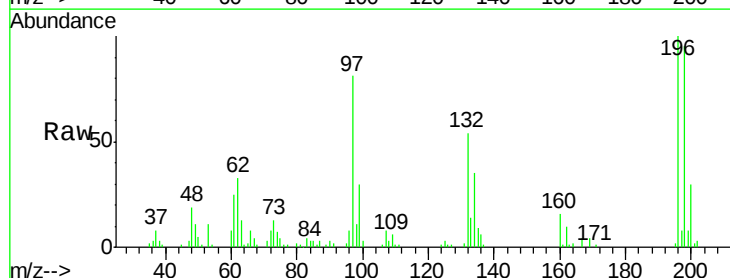
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 63299
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 50.0 29.7 44.5#



#42
 2,4,6-Trichlorophenol
 Concen: 40.37 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion:196 Resp: 80535
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 200 29.8 23.9 35.9

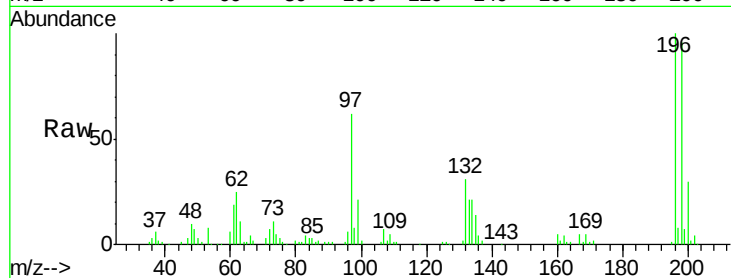




#43
 2,4,5-Trichlorophenol
 Concen: 41.46 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.4	113.0
97	61.9	33.3	49.9
132	30.9	24.6	37.0



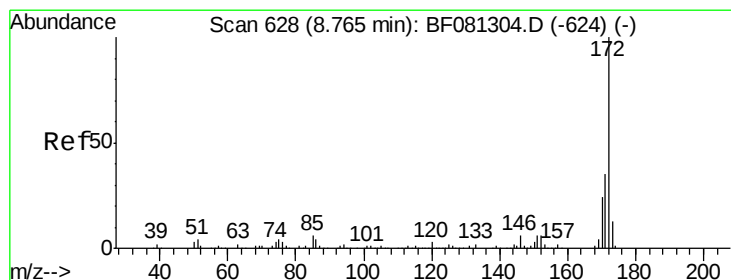
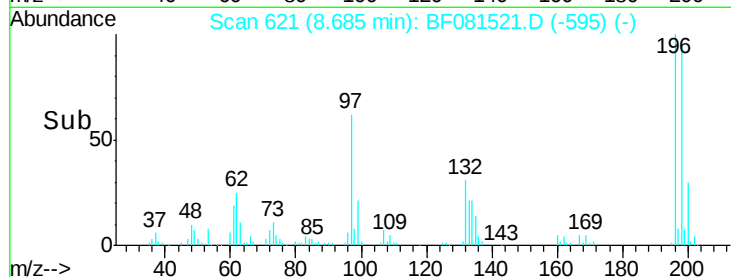
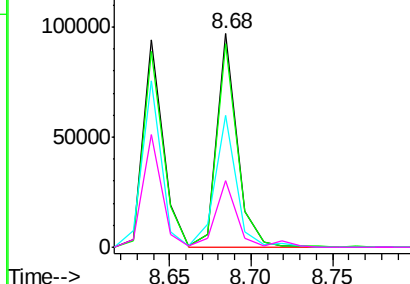
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

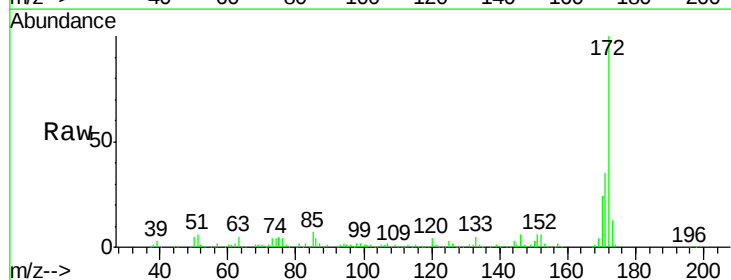
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.68 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.1	39.1
170	24.2	17.4	26.2

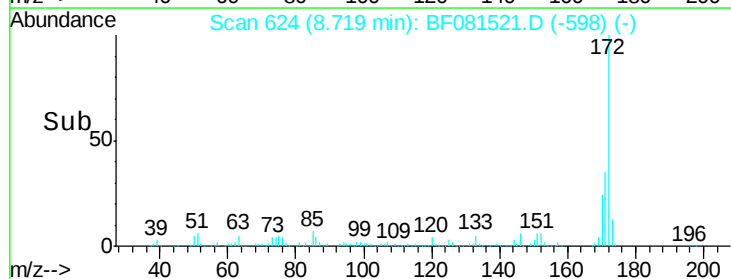
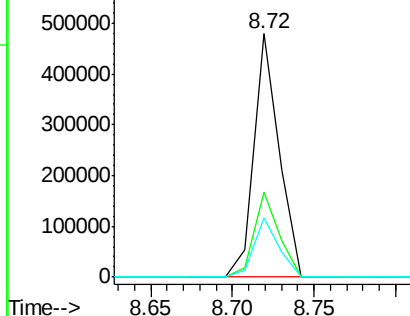


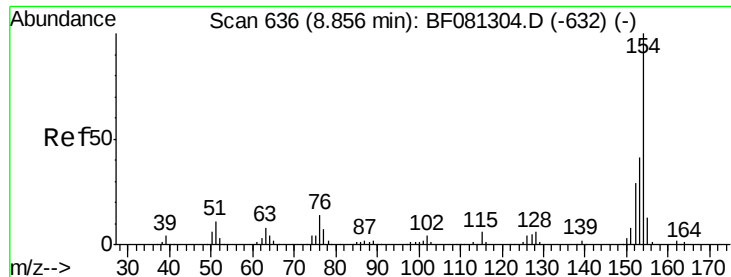
Abundance

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: 40.17 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

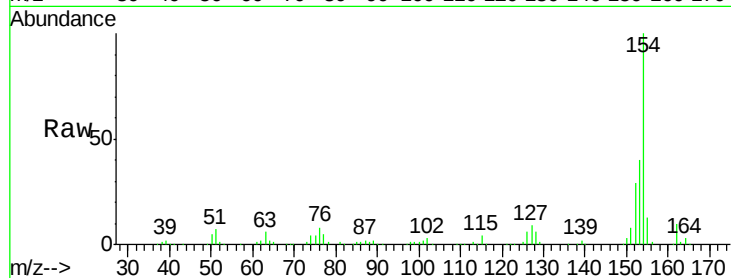
Tot Ion:154 Resp: 337808

Ion Ratio Lower Upper

154 100

153 40.4 17.1 57.1

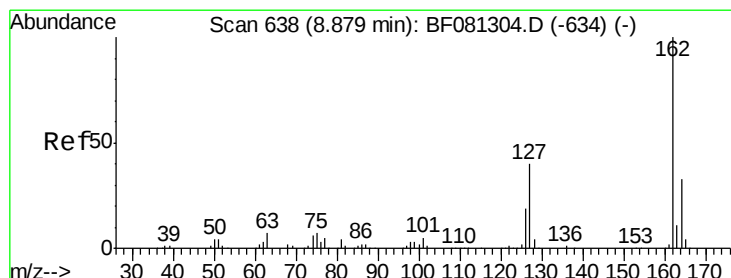
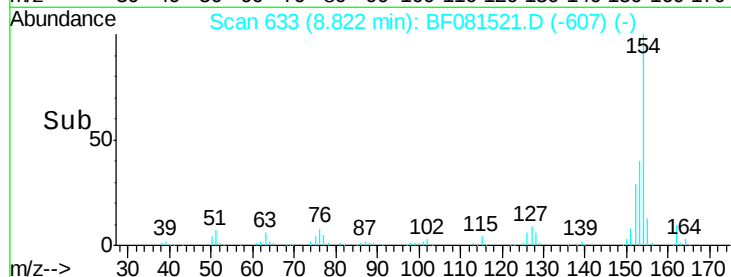
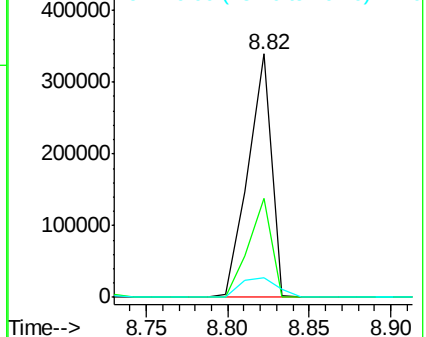
76 8.1 0.0 31.6



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: 38.97 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

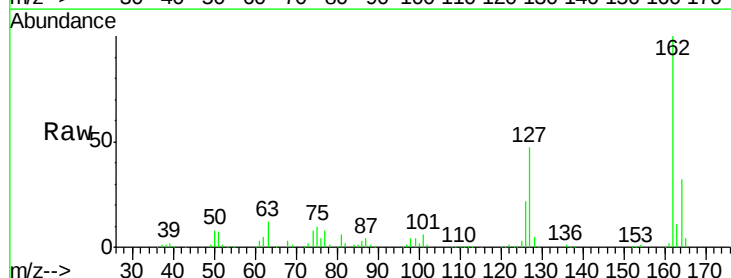
Tgt Ion:162 Resp: 236669

Ion Ratio Lower Upper

162 100

127 47.0 27.6 41.4#

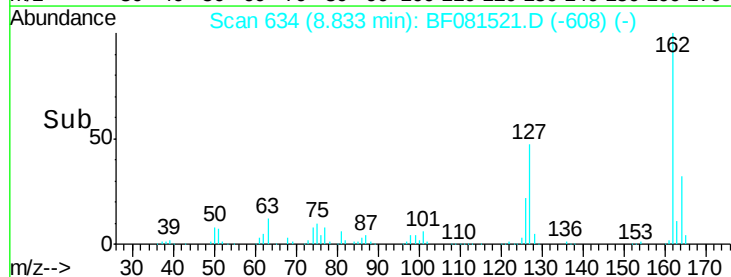
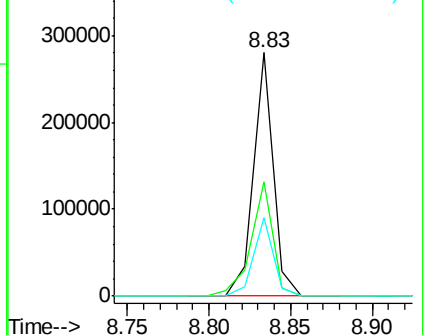
164 32.3 25.4 38.2



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

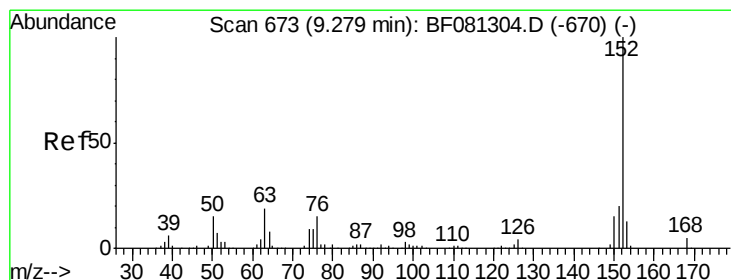
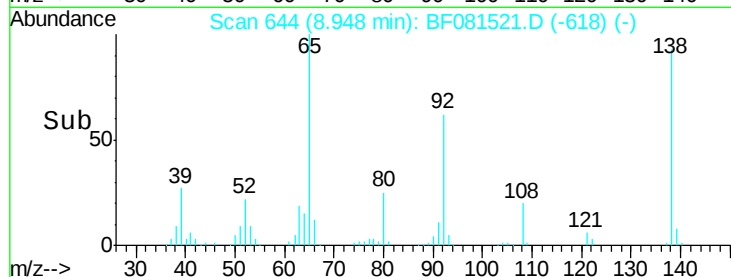
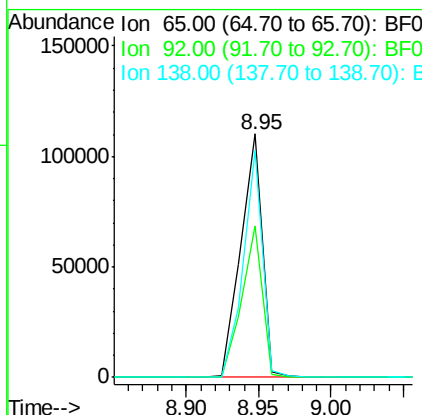
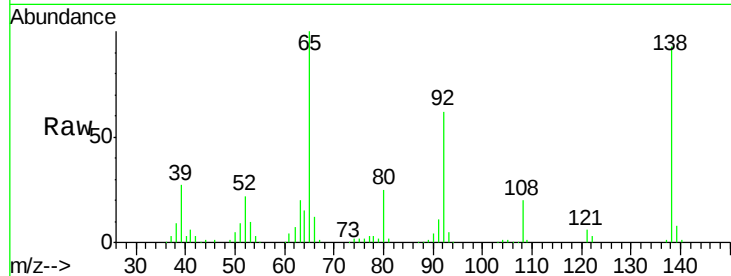




#47
2-Nitroaniline
Concen: 45.95 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

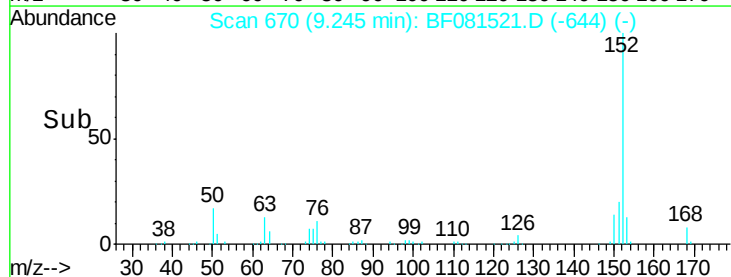
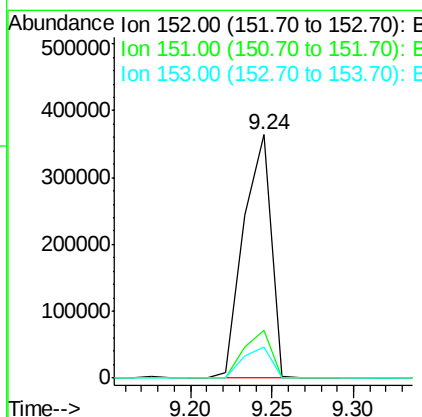
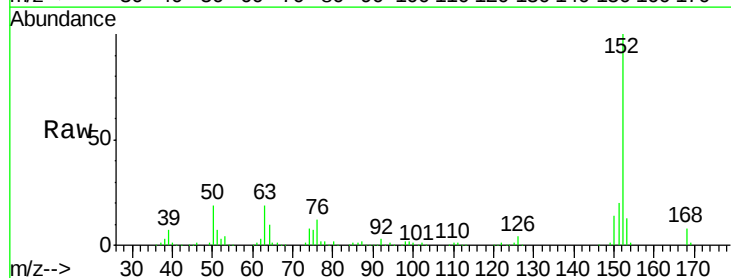
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 113741
Ion Ratio Lower Upper
65 100
92 62.2 55.4 83.0
138 93.5 115.5 173.3#



#48
Acenaphthylene
Concen: 39.34 ng
RT: 9.24 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion: 152 Resp: 423806
Ion Ratio Lower Upper
152 100
151 19.5 14.6 22.0
153 12.6 10.3 15.5

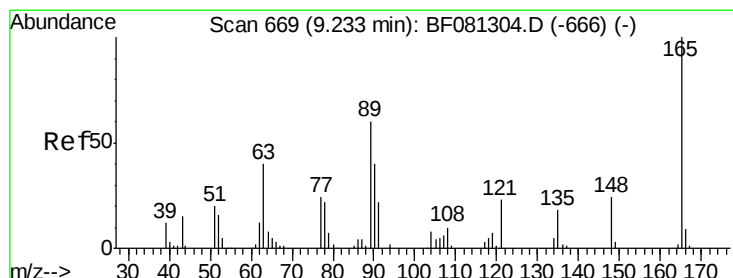
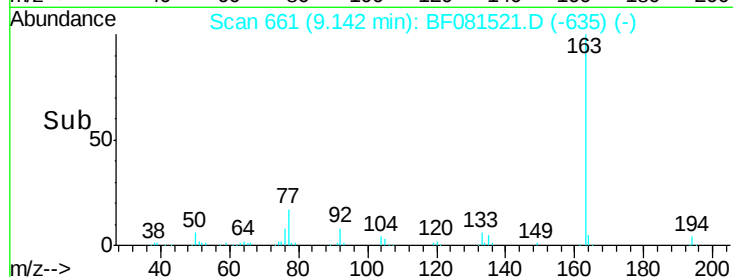
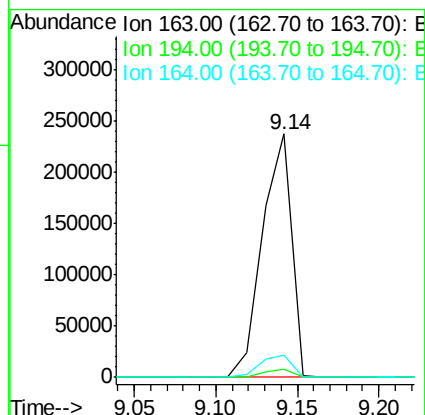
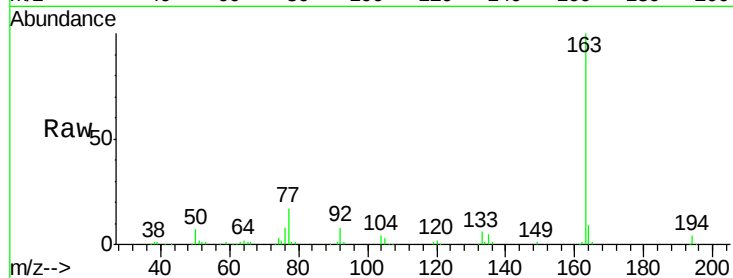




#49
Dimethylphthalate
Concen: 41.84 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

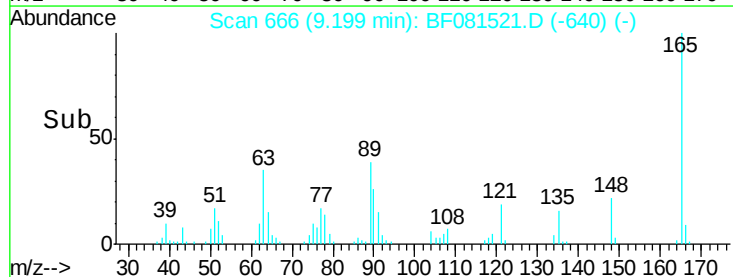
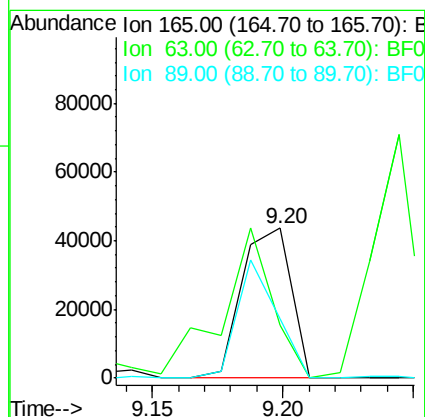
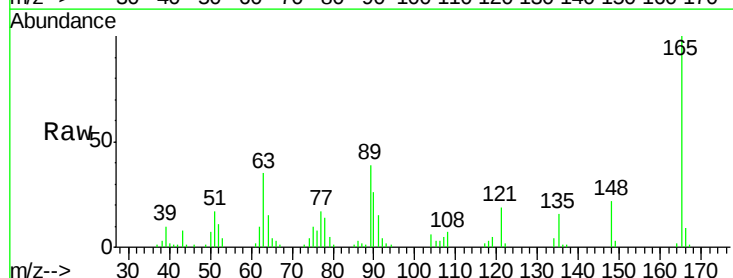
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 297140
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 9.3 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 35.85 ng
RT: 9.20 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion:165 Resp: 57781
Ion Ratio Lower Upper
165 100
63 34.9 32.3 48.5
89 39.4 28.6 43.0





#51

Acenaphthene

Concen: 40.53 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

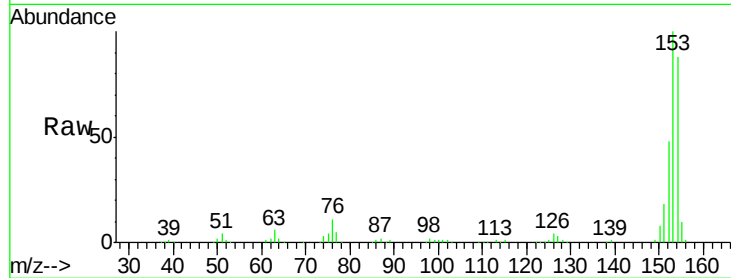
Tot Ion:154 Resp: 248413

Ion Ratio Lower Upper

154 100

153 113.3 82.1 123.1

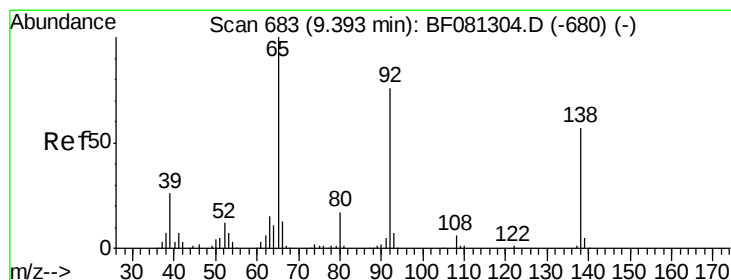
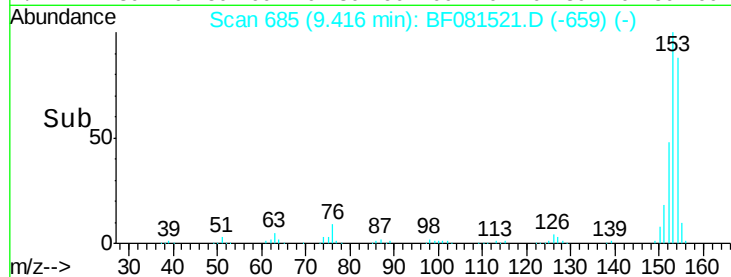
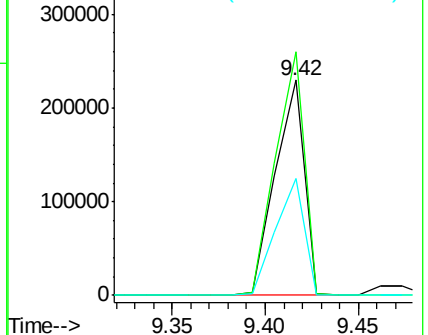
152 54.3 37.9 56.9



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: 46.58 ng

RT: 9.36 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

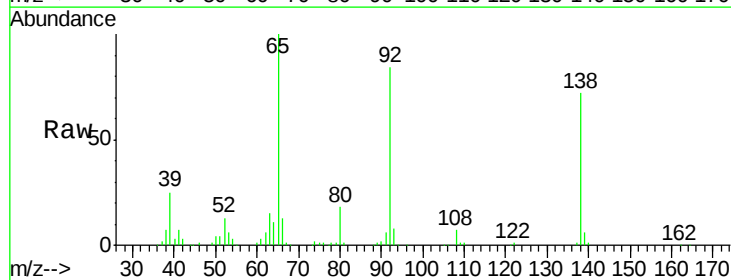
Tgt Ion:138 Resp: 85468

Ion Ratio Lower Upper

138 100

108 9.6 5.7 8.5#

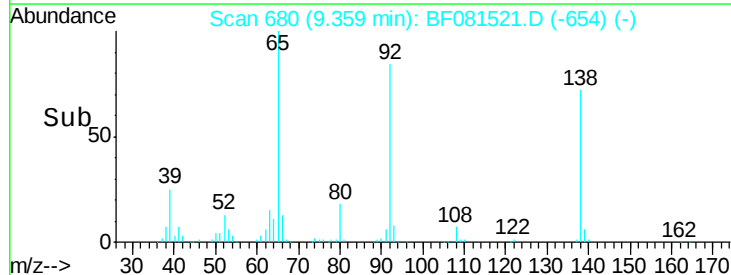
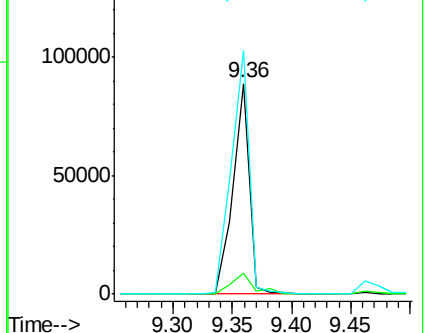
92 115.5 67.7 101.5#



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

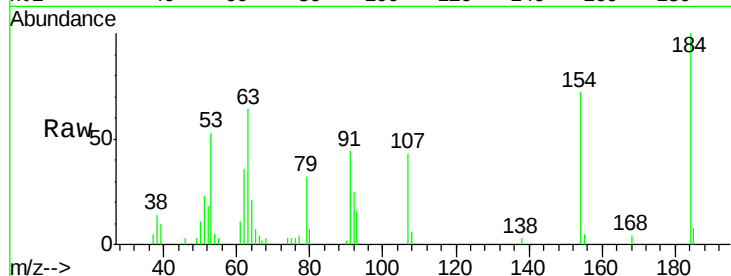




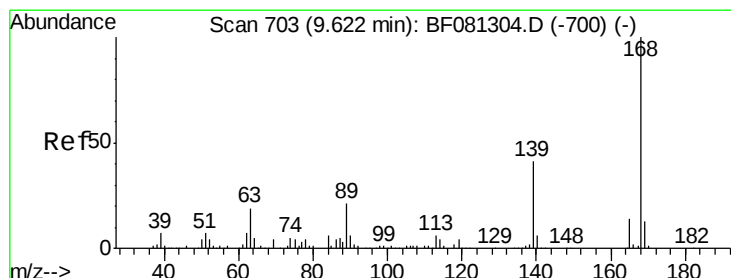
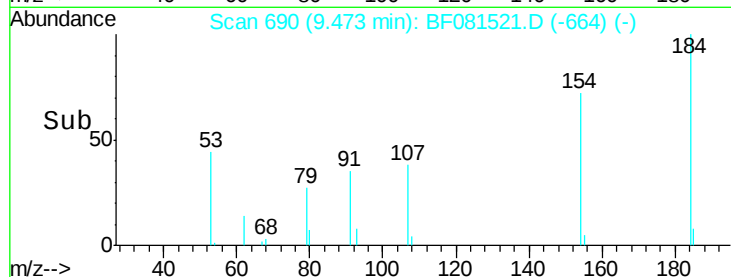
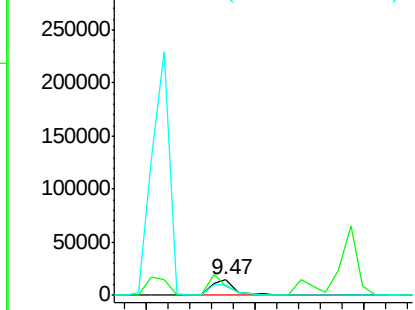
#53
 2,4-Dinitrophenol
 Concen: 35.24 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 23923
 Ion Ratio Lower Upper
 184 100
 63 63.9 35.4 53.2#
 154 71.8 32.2 48.4#

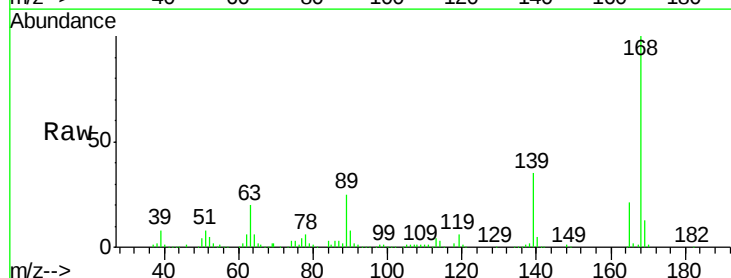


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

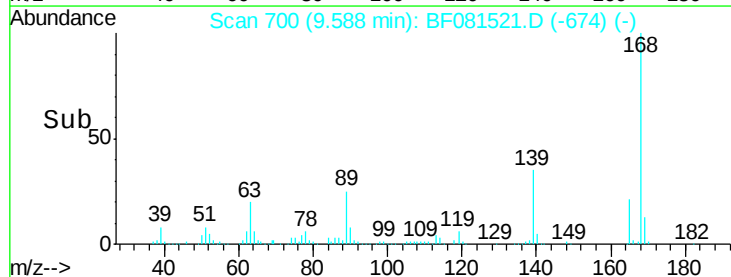
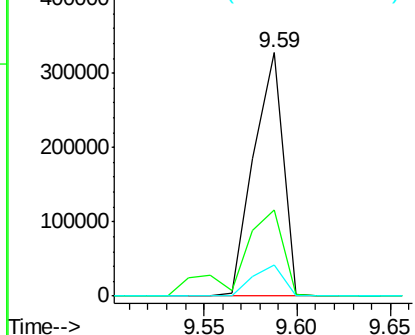


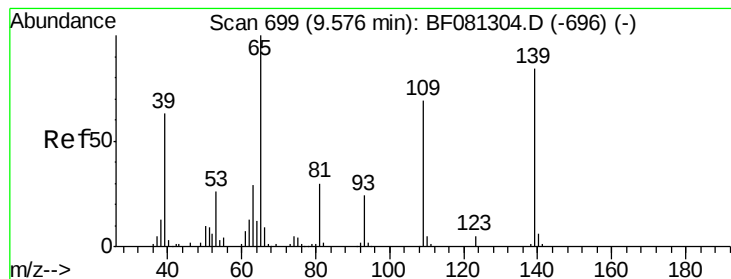
#54
 Dibenzofuran
 Concen: 39.79 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion:168 Resp: 356081
 Ion Ratio Lower Upper
 168 100
 139 35.3 24.2 36.2
 169 13.0 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: 159.48 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

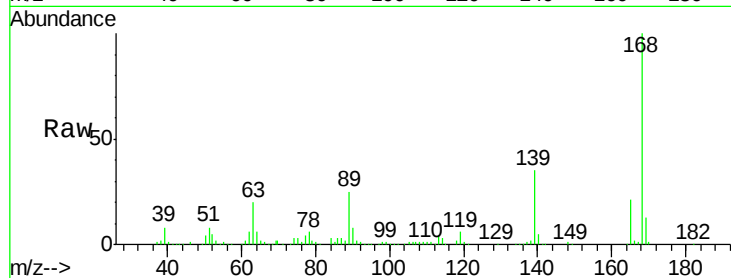
Tot Ion:139 Resp: 183844

Ion Ratio Lower Upper

139 100

109 1.6 12.7 52.7#

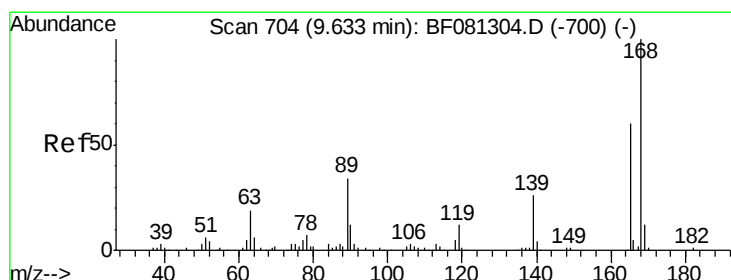
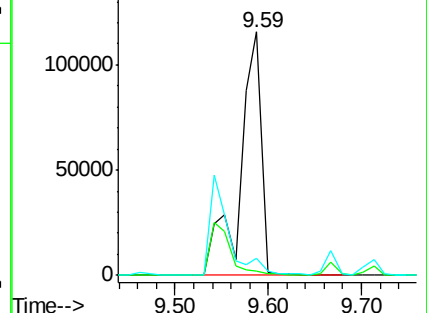
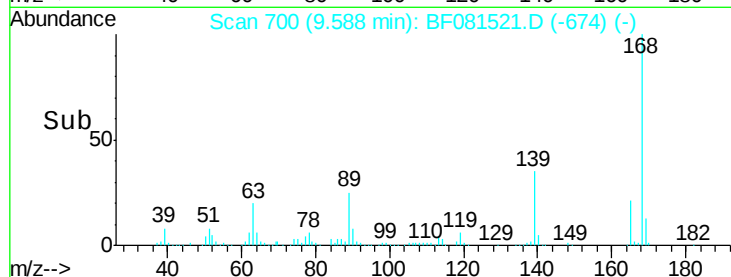
65 7.0 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.32 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Tgt Ion:165 Resp: 74534

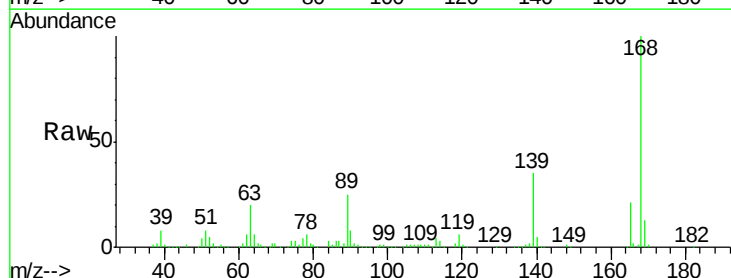
Ion Ratio Lower Upper

165 100

63 93.3 29.8 44.6#

89 116.6 44.5 66.7#

182 2.0 3.0 4.4#

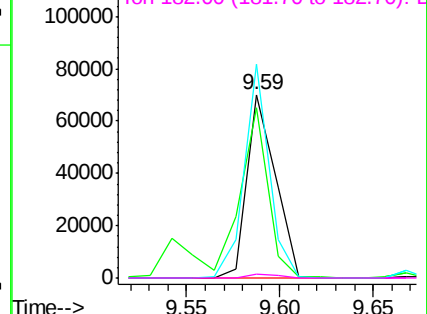
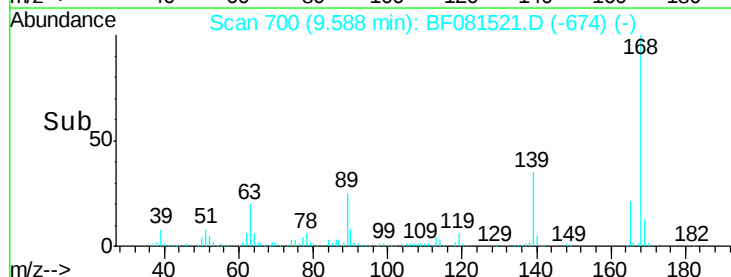


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

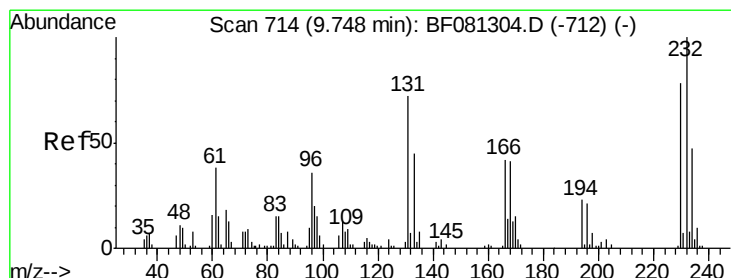
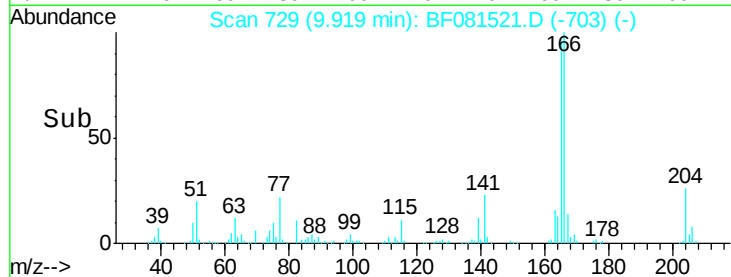
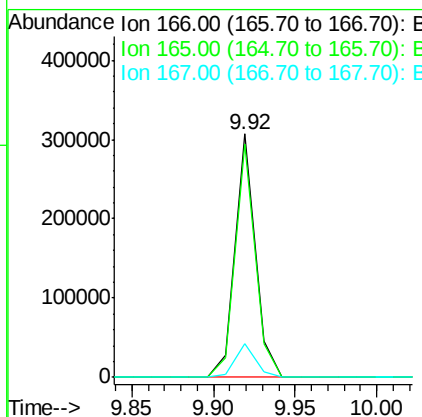
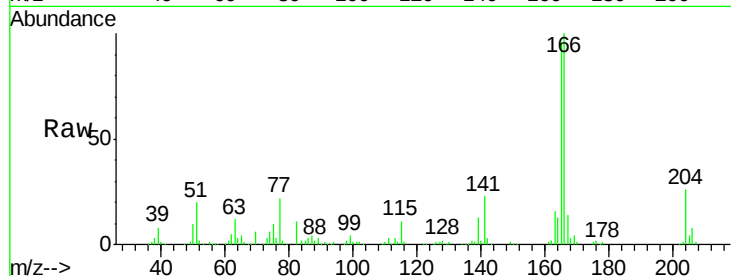




#57
 Fluorene
 Concen: 38.51 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

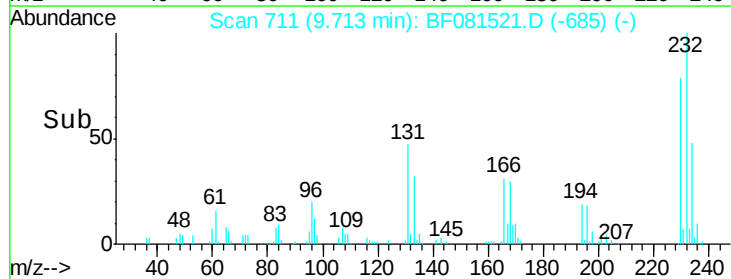
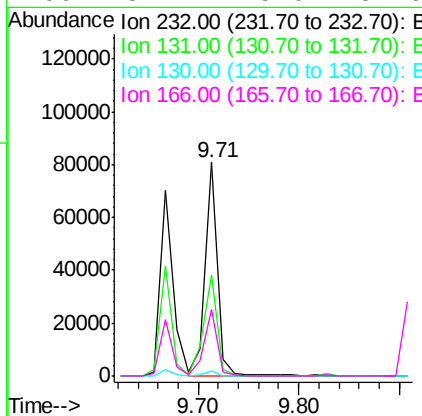
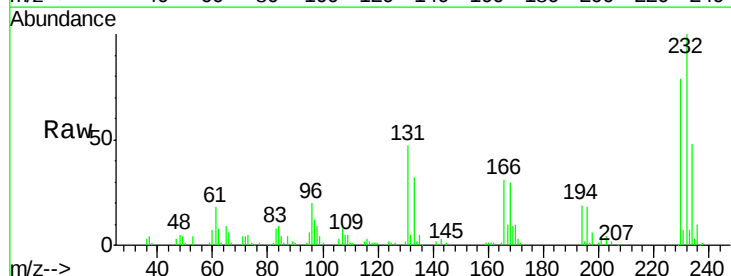
Instrument :
 BNA_F
 ClientSampleId :

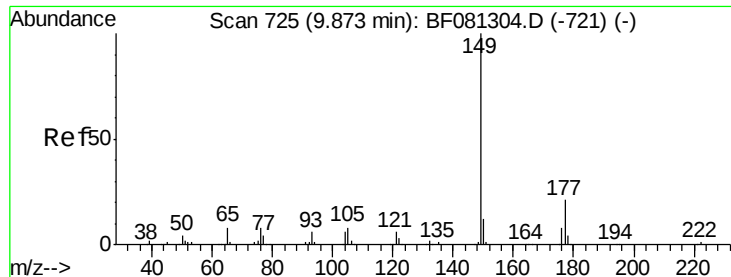
Tot Ion:166 Resp: 261517
 Ion Ratio Lower Upper
 166 100
 165 96.1 72.6 109.0
 167 14.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.86 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion:232 Resp: 69710
 Ion Ratio Lower Upper
 232 100
 131 51.3 38.5 57.7
 130 2.4 1.8 2.6
 166 32.1 25.0 37.6

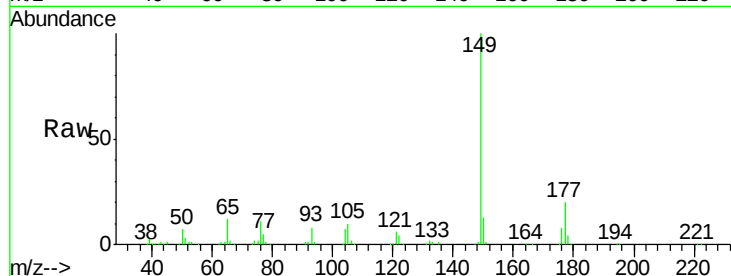




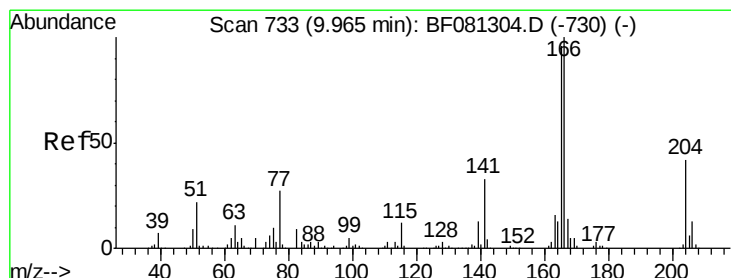
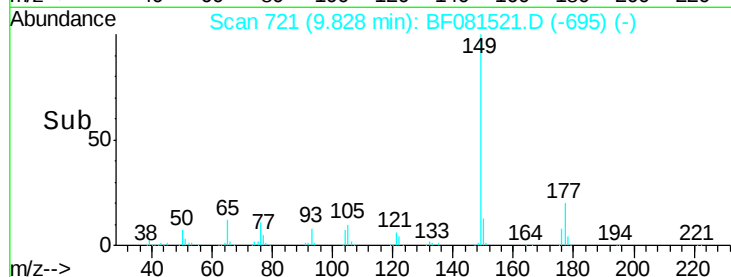
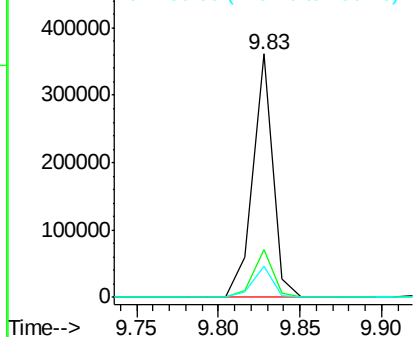
#59
Diethylphthalate
Concen: 41.25 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 308131
Ion Ratio Lower Upper
149 100
177 19.6 17.5 26.3
150 12.6 9.4 14.2

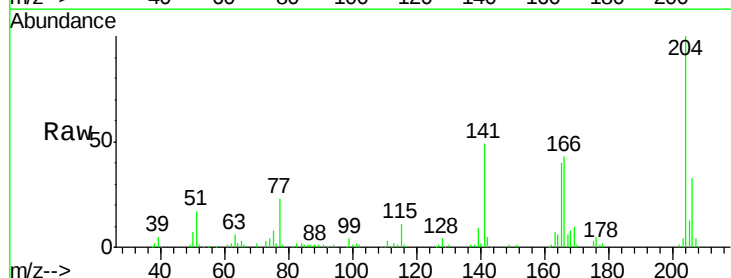


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

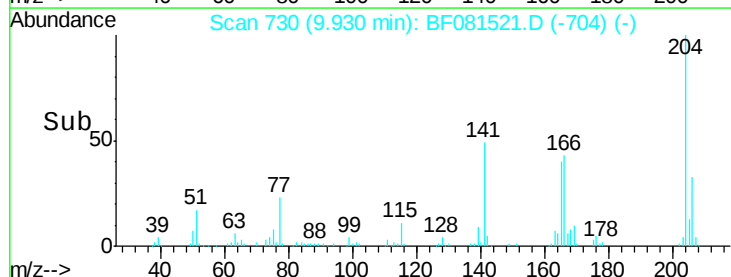
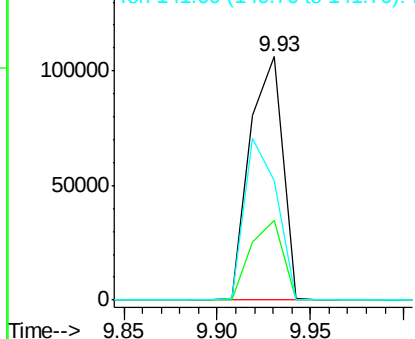


#60
4-Chlorophenyl-phenylether
Concen: 40.83 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion:204 Resp: 129230
Ion Ratio Lower Upper
204 100
206 32.7 24.8 37.2
141 49.3 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: 39.06 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

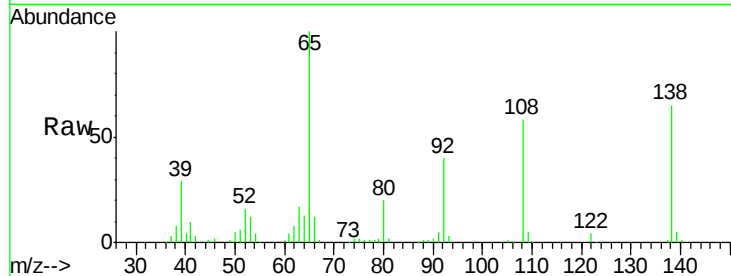
Tot Ion:138 Resp: 72406

Ion Ratio Lower Upper

138 100

92 61.2 12.6 52.6#

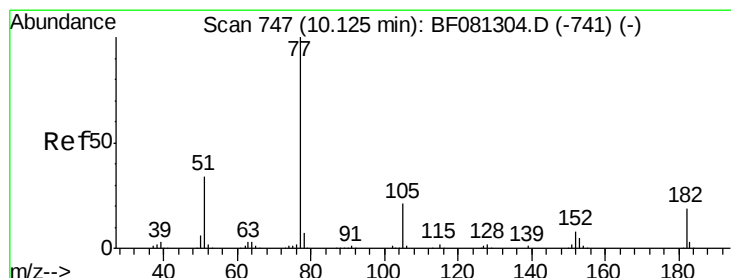
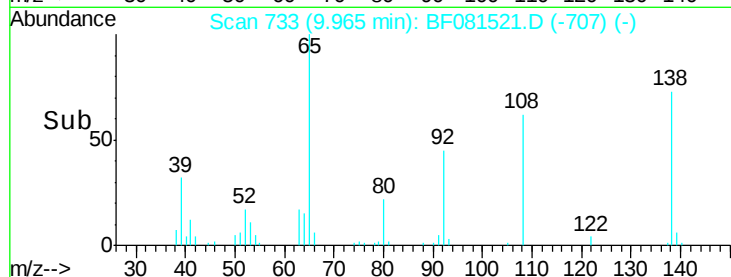
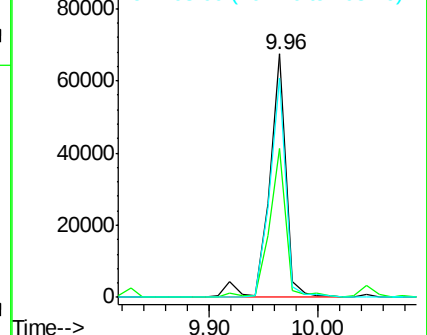
108 90.0 12.4 52.4#



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: 38.40 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Tgt Ion: 77 Resp: 318948

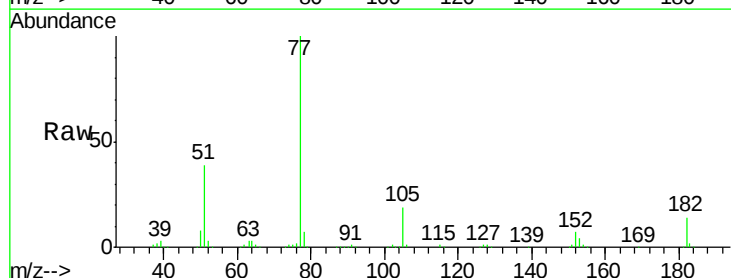
Ion Ratio Lower Upper

77 100

182 14.3 15.1 55.1#

105 18.8 3.4 43.4

51 38.9 12.0 52.0

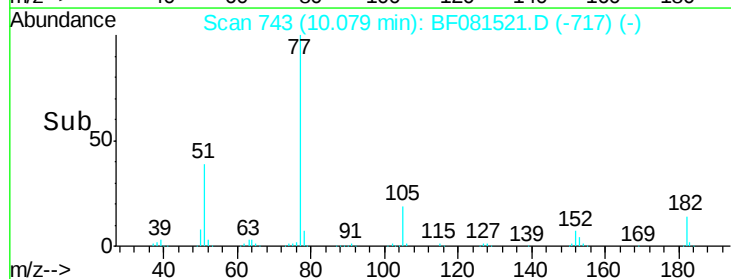
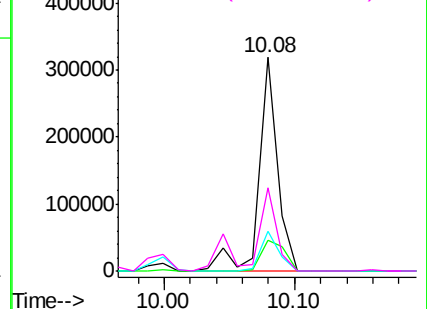


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

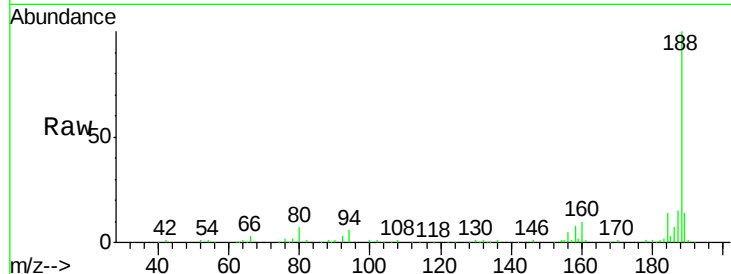




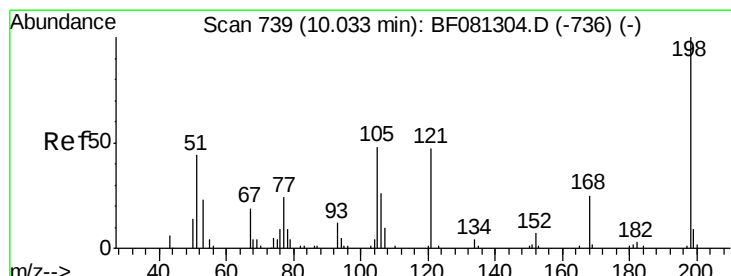
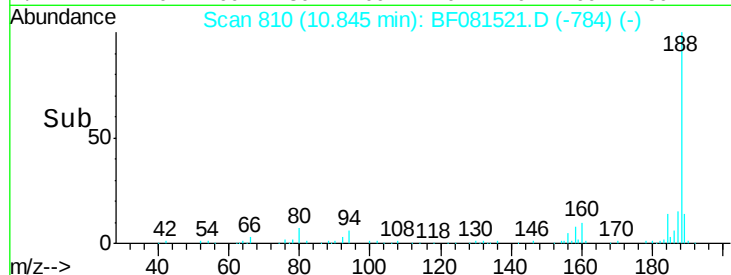
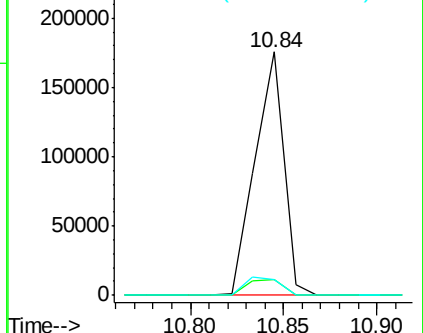
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 186433
 Ion Ratio Lower Upper
 188 100
 94 6.4 11.1 16.7#
 80 6.6 11.0 16.4#

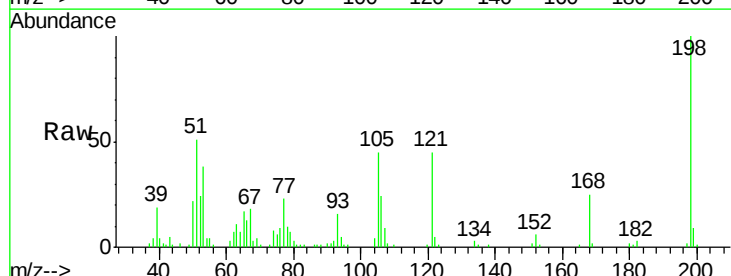


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

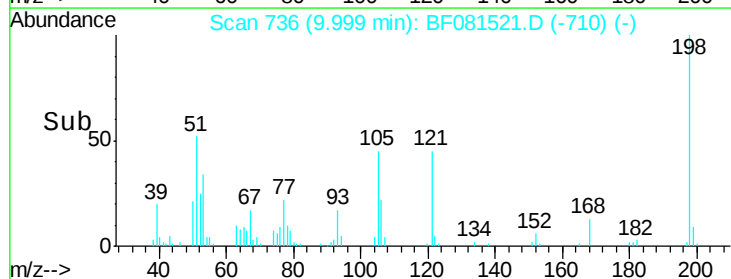
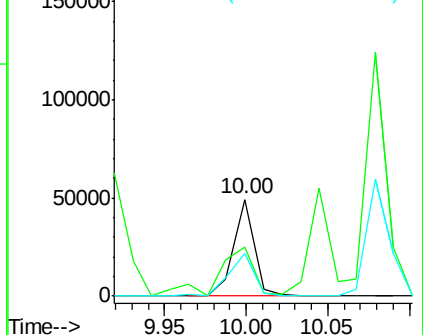


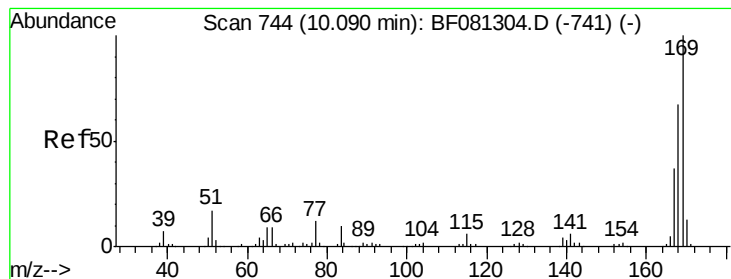
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.26 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion:198 Resp: 43028
 Ion Ratio Lower Upper
 198 100
 51 50.9 39.6 79.6
 105 44.5 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

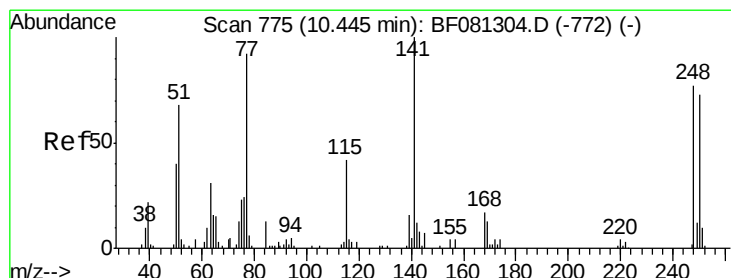
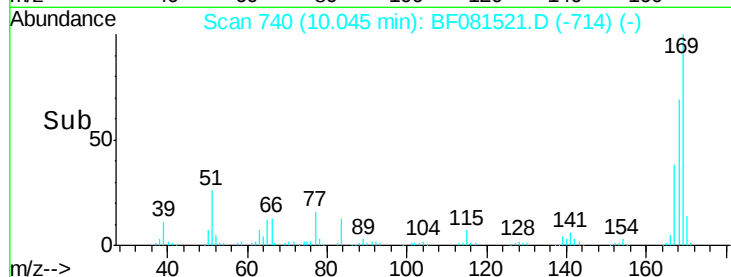
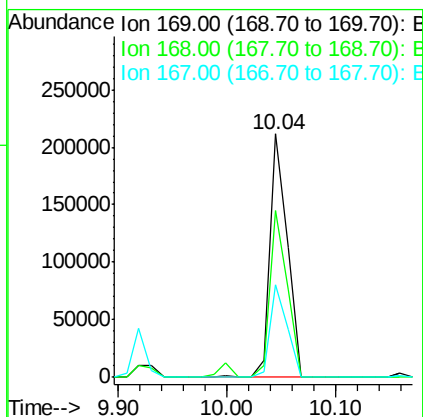
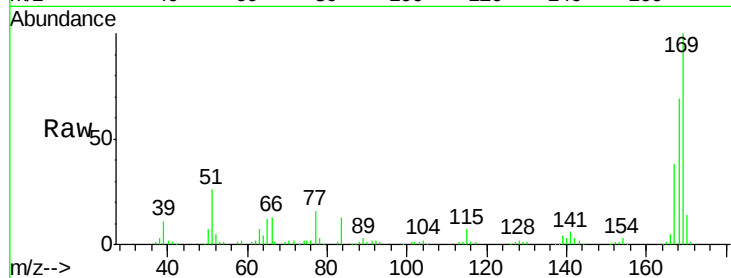




#65
 n-Nitrosodiphenylamine
 Concen: 34.61 ng
 RT: 10.04 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

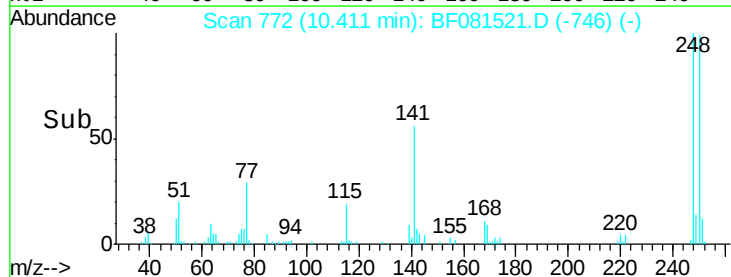
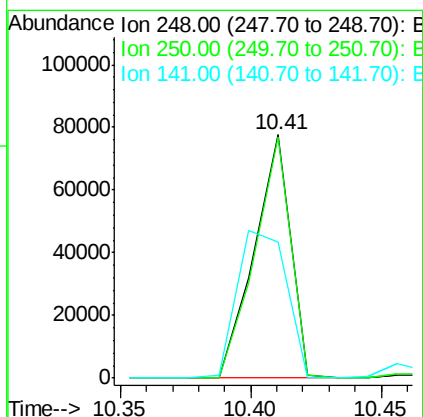
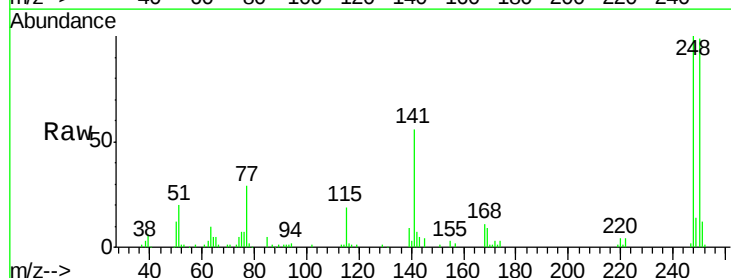
Instrument :
 BNA_F
 ClientSampleID :

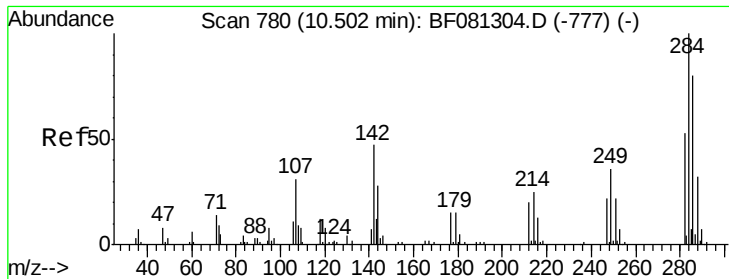
Tot Ion:169 Resp: 234805
 Ion Ratio Lower Upper
 169 100
 168 68.7 48.9 73.3
 167 38.3 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 40.16 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion:248 Resp: 75714
 Ion Ratio Lower Upper
 248 100
 250 99.2 78.5 117.7
 141 55.7 59.0 88.6#

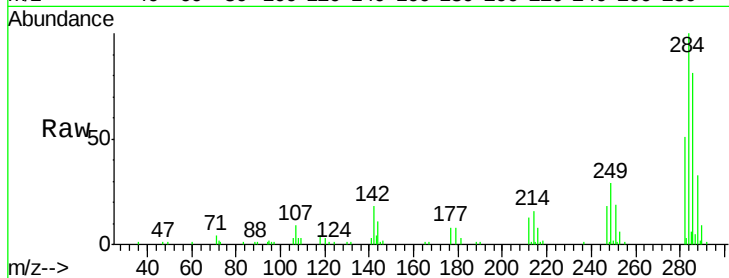




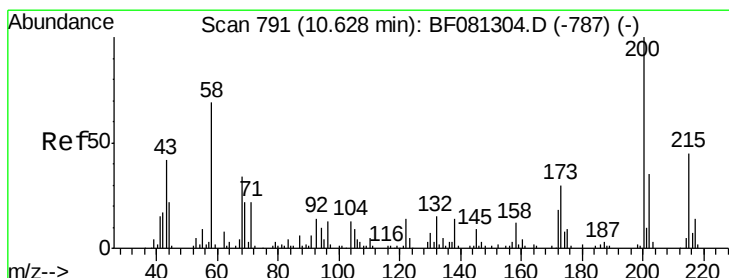
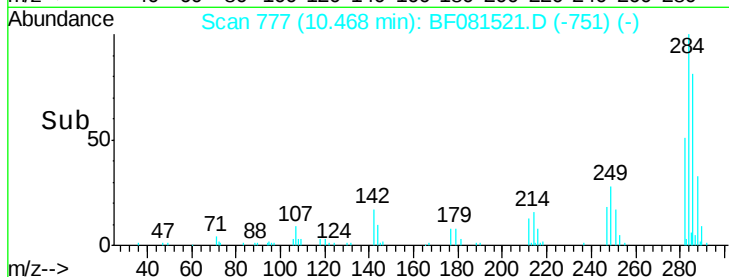
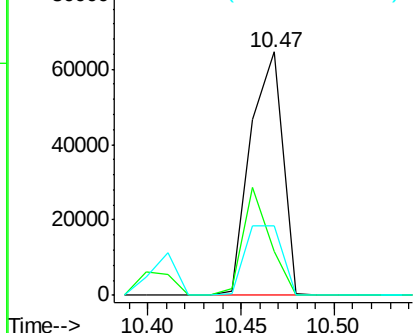
#67
Hexachlorobenzene
Concen: 39.26 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 77372
Ion Ratio Lower Upper
284 100
142 17.8 29.5 44.3#
249 28.7 19.5 29.3

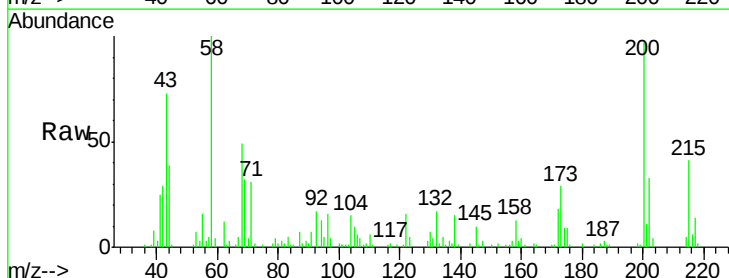


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

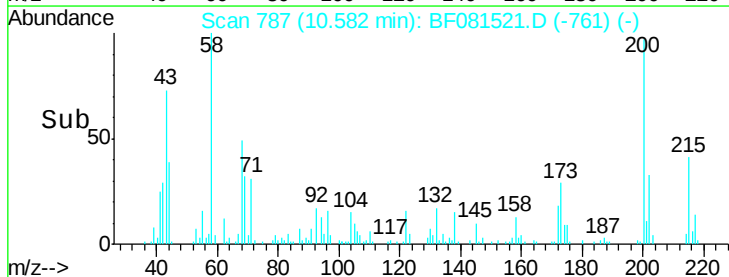
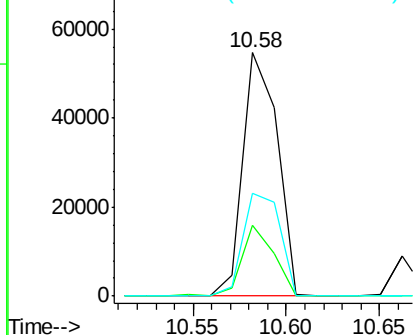


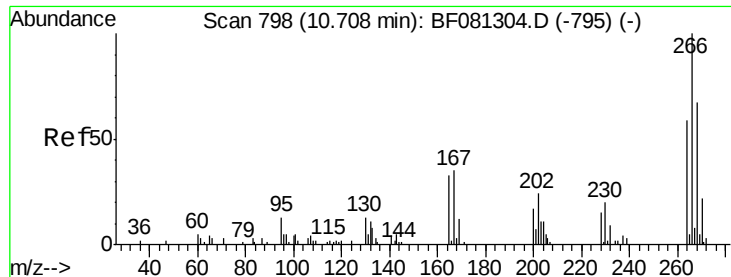
#68
Atrazine
Concen: 35.60 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion:200 Resp: 69895
Ion Ratio Lower Upper
200 100
173 29.3 13.2 53.2
215 42.5 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

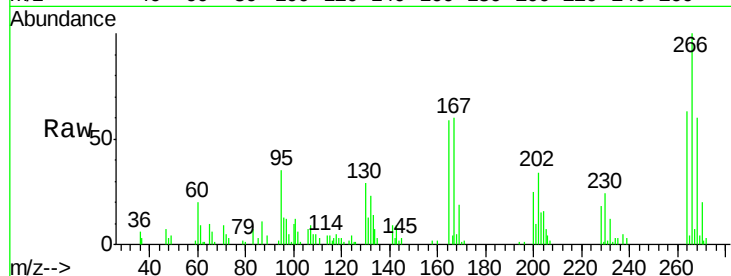




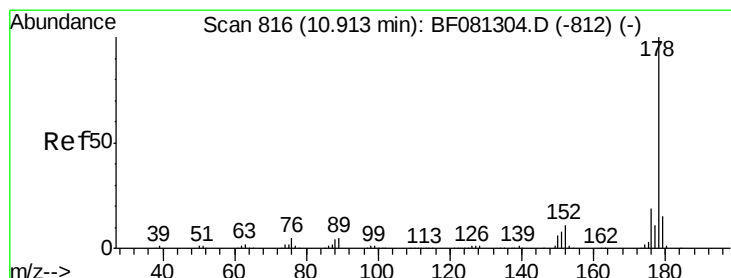
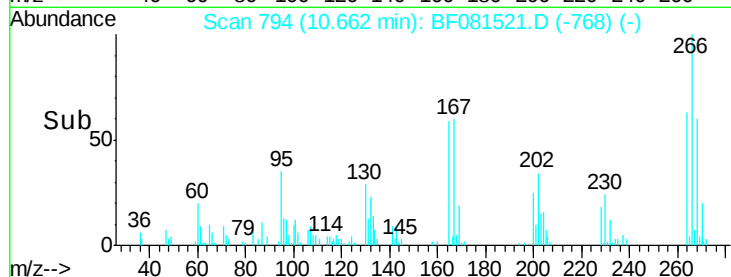
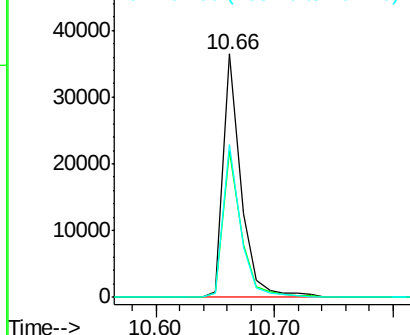
#69
 Pentachlorophenol
 Concen: 43.70 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 37656
 Ion Ratio Lower Upper
 266 100
 268 59.9 49.8 74.6
 264 62.9 50.2 75.2

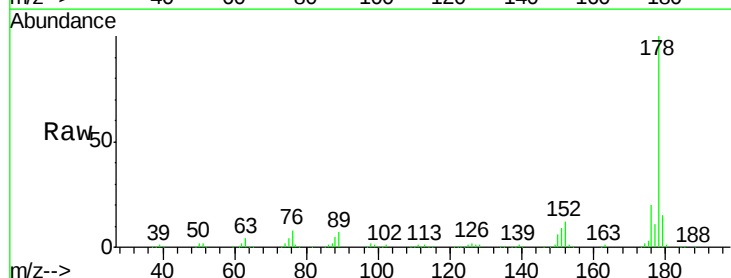


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

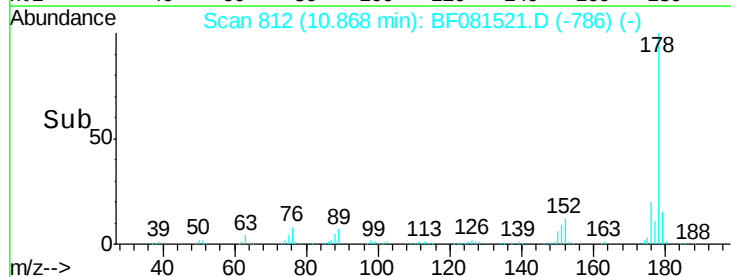
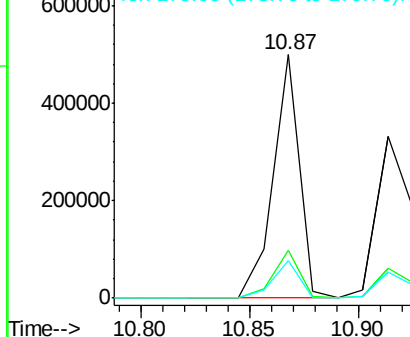


#70
 Phenanthrene
 Concen: 40.82 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion:178 Resp: 423041
 Ion Ratio Lower Upper
 178 100
 176 19.5 13.8 20.8
 179 15.4 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

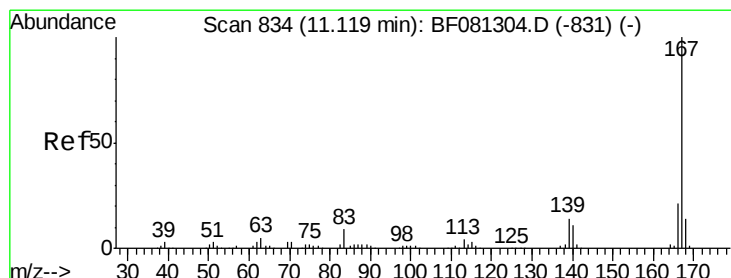
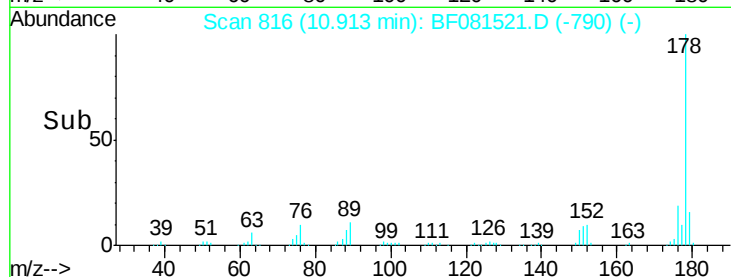
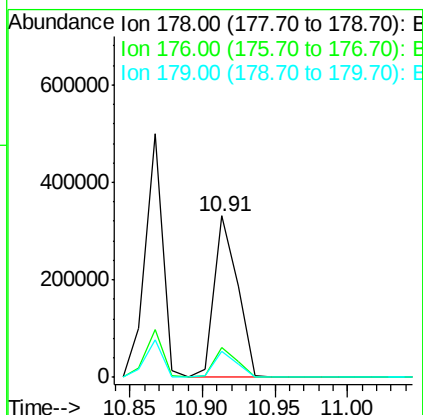
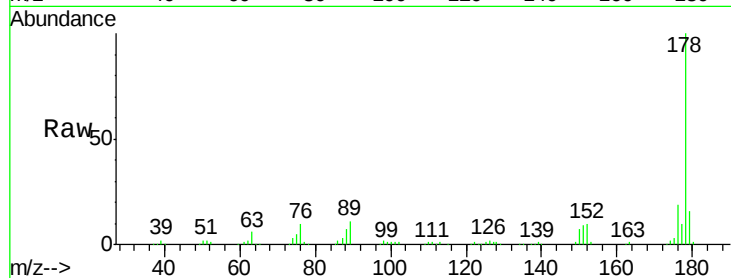




#71
 Anthracene
 Concen: 34.64 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

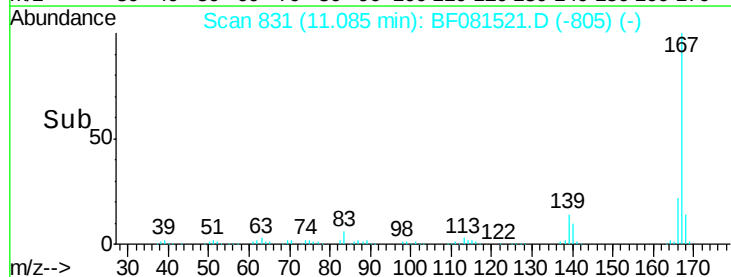
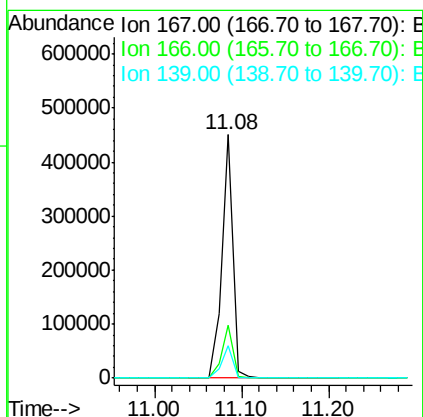
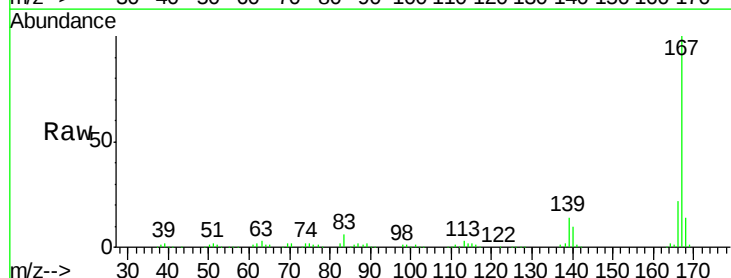
Instrument :
 BNA_F
 ClientSampleId :

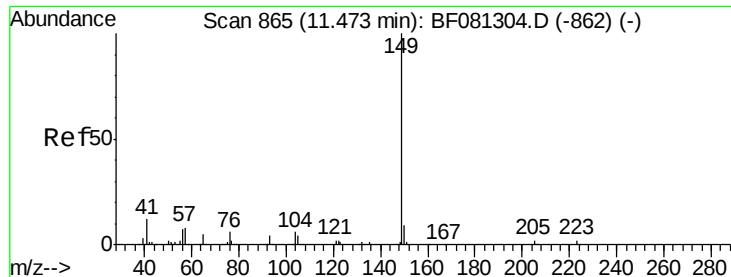
Tot Ion:178 Resp: 368809
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 15.8 12.2 18.2



#72
 Carbazole
 Concen: 40.51 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion:167 Resp: 404780
 Ion Ratio Lower Upper
 167 100
 166 21.5 15.7 23.5
 139 13.5 9.5 14.3





#73

Di-n-butylphthalate

Concen: 43.75 ng

RT: 11.44 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :

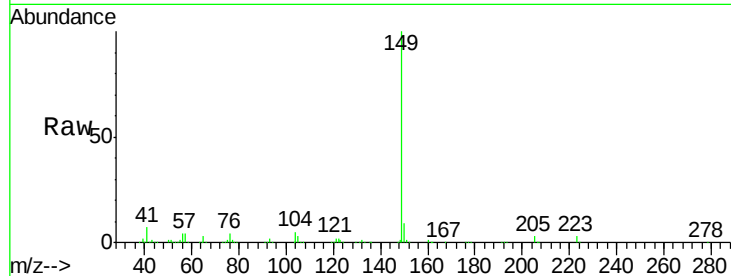
Tot Ion:149 Resp: 516257

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

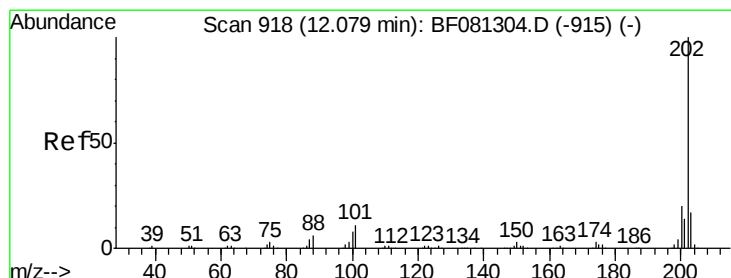
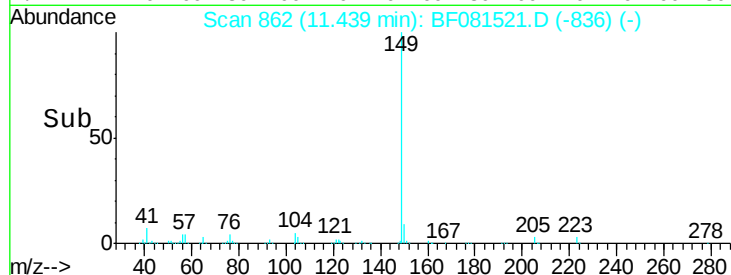
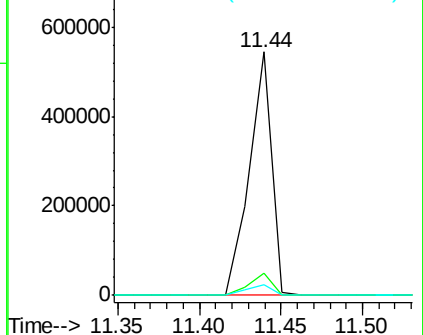
104 4.6 2.4 3.6#



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: 35.84 ng

RT: 12.03 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

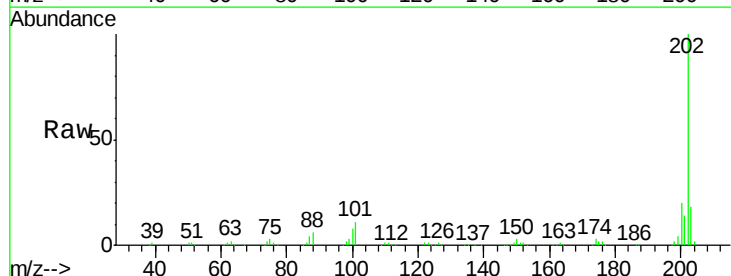
Tgt Ion:202 Resp: 402083

Ion Ratio Lower Upper

202 100

101 10.7 0.0 38.3

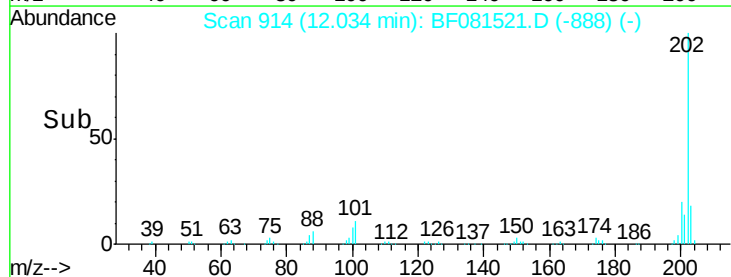
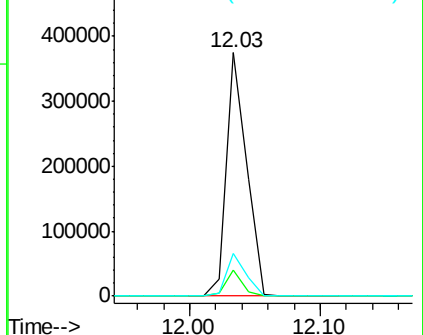
203 17.7 0.0 37.3

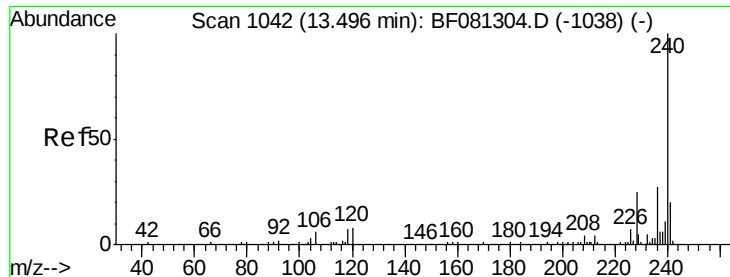


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

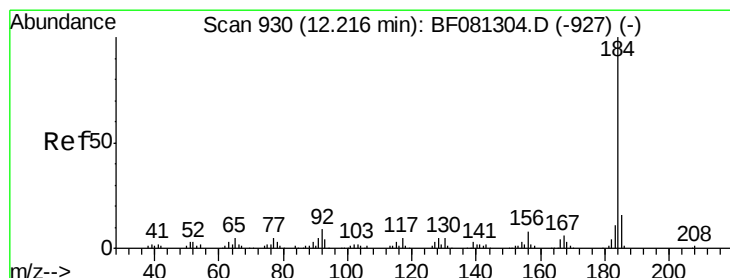
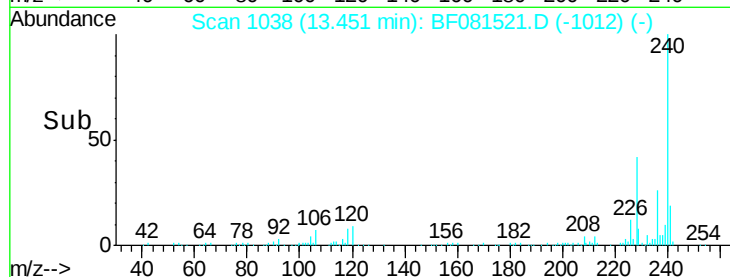
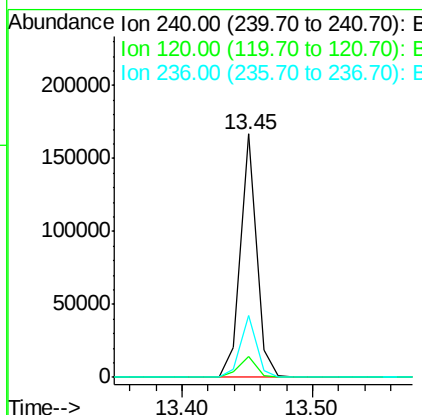
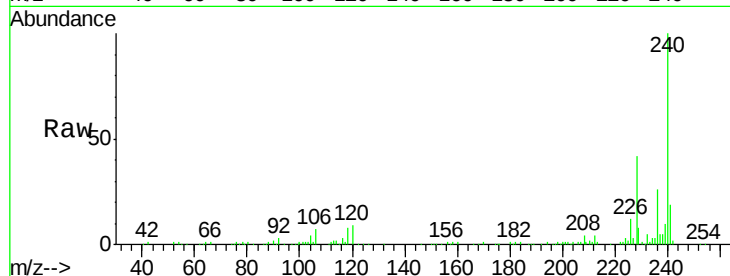




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

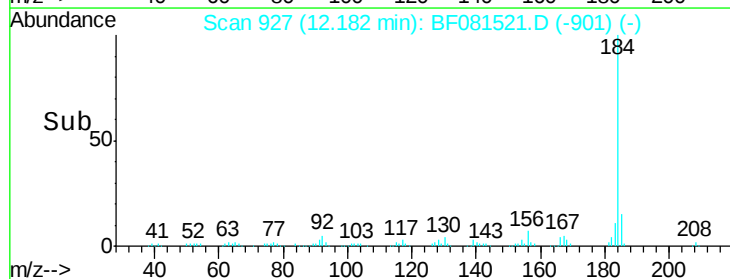
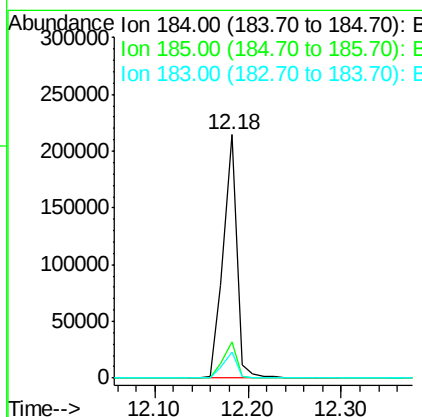
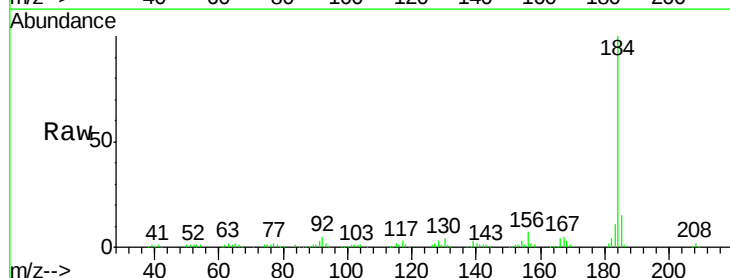
Instrument :
 BNA_F
 ClientSampleId :

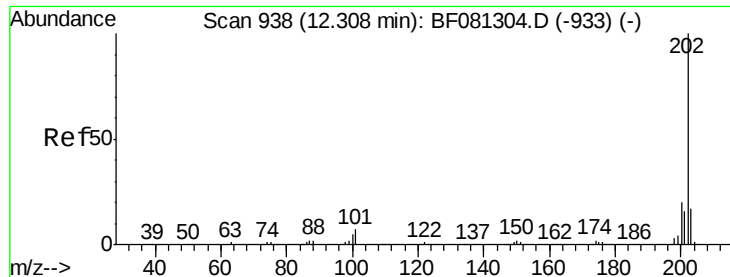
Tot Ion:240 Resp: 142923
 Ion Ratio Lower Upper
 240 100
 120 8.6 16.2 24.2#
 236 25.6 18.4 27.6



#76
 Benzidine
 Concen: 35.67 ng
 RT: 12.18 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion:184 Resp: 218826
 Ion Ratio Lower Upper
 184 100
 185 15.1 11.8 17.6
 183 10.7 7.6 11.4

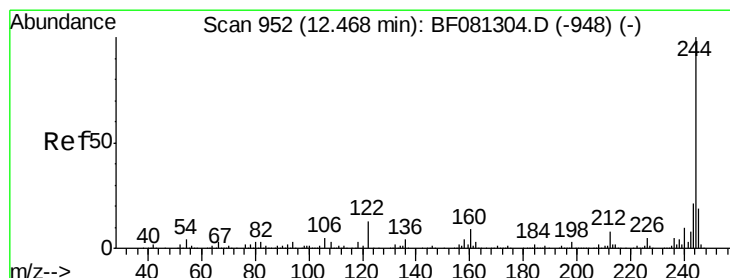
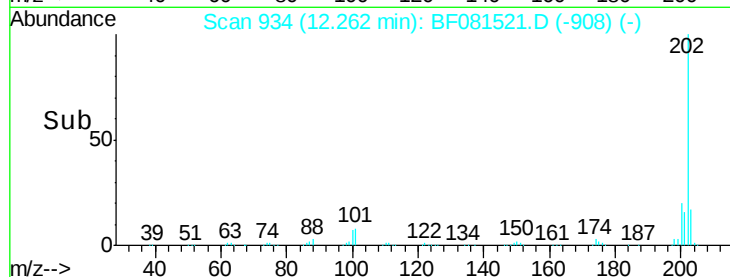
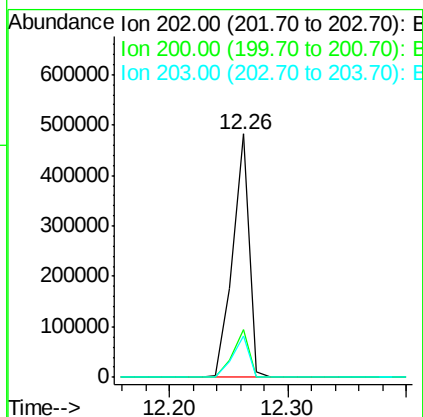
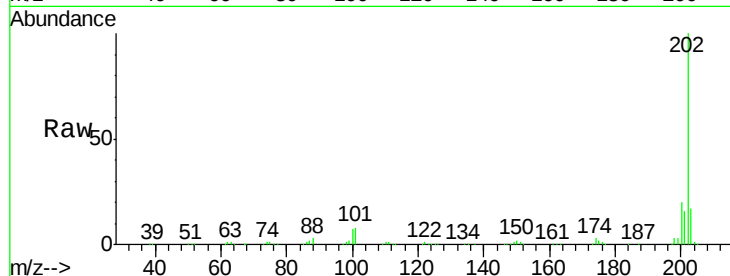




#77
Pvrene
Concen: 43.73 ng
RT: 12.26 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

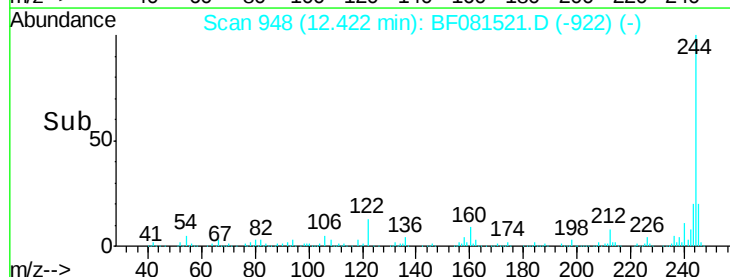
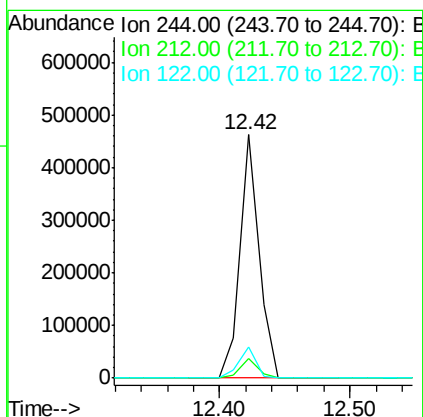
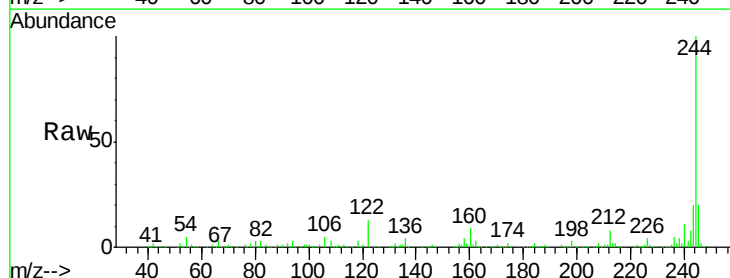
Instrument :
BNA_F
ClientSampleId :

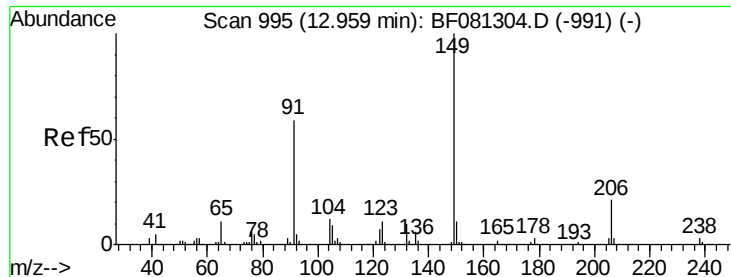
Tot Ion:202 Resp: 462927
Ion Ratio Lower Upper
202 100
200 19.8 15.0 22.4
203 16.9 14.1 21.1



#78
Terphenyl-d14
Concen: 75.88 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion:244 Resp: 465882
Ion Ratio Lower Upper
244 100
212 7.9 4.3 6.5#
122 13.0 17.4 26.2#

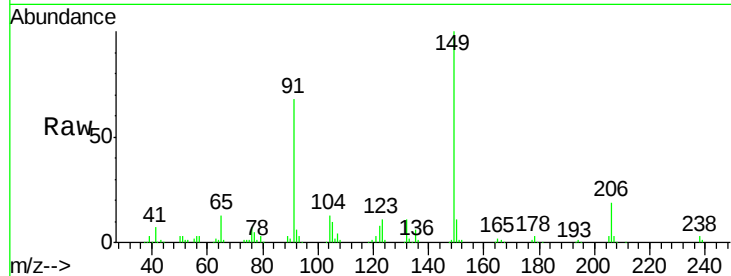




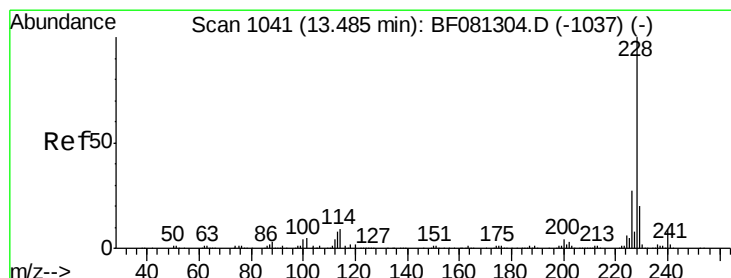
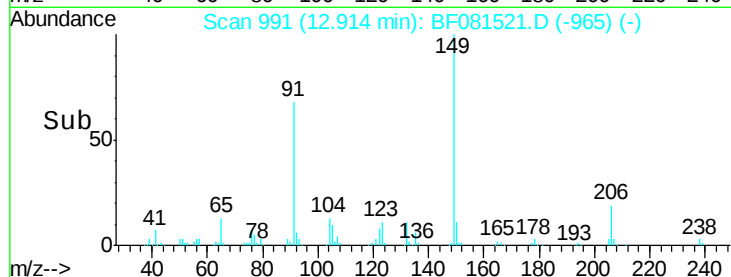
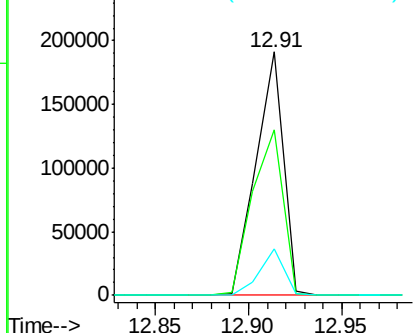
#79
Butylbenzylphthalate
Concen: 42.28 ng
RT: 12.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 194691
Ion Ratio Lower Upper
149 100
91 67.9 48.6 72.8
206 19.1 14.9 22.3

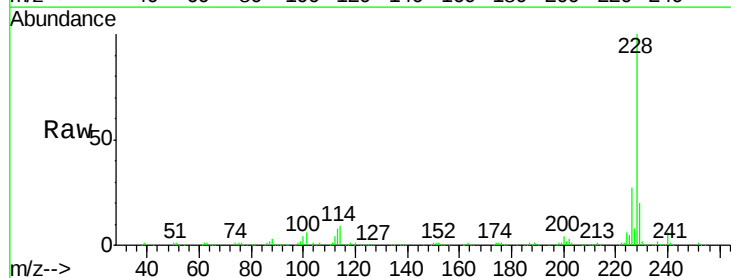


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

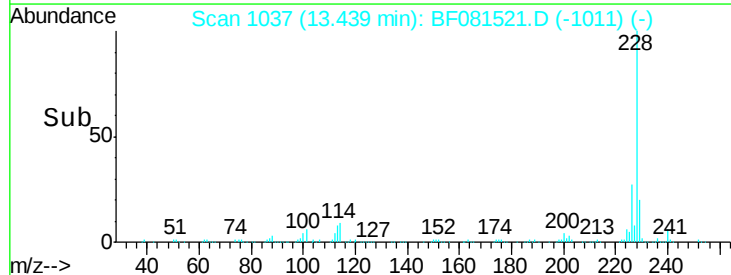
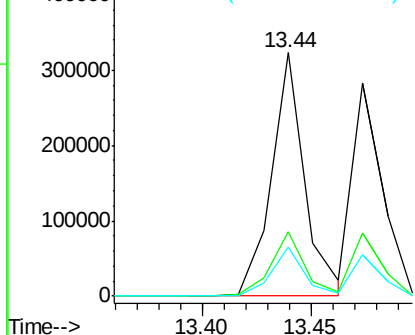


#80
Benzo(a)anthracene
Concen: 37.91 ng
RT: 13.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion:228 Resp: 345072
Ion Ratio Lower Upper
228 100
226 26.6 20.0 30.0
229 20.0 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

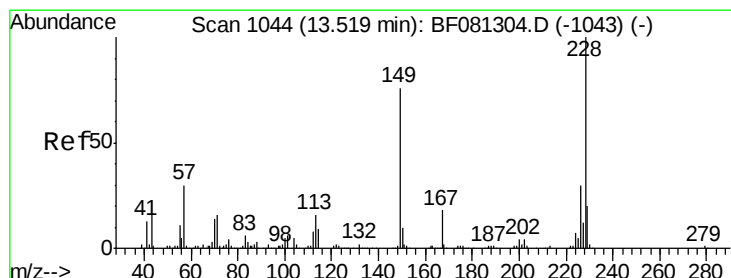
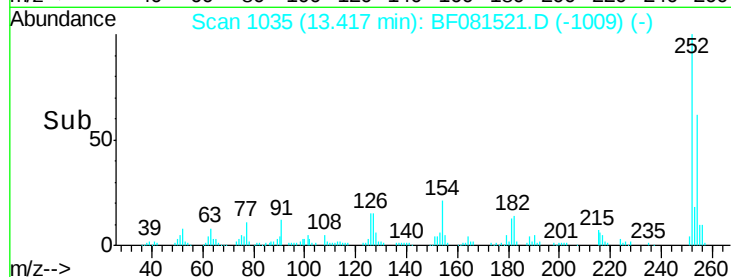
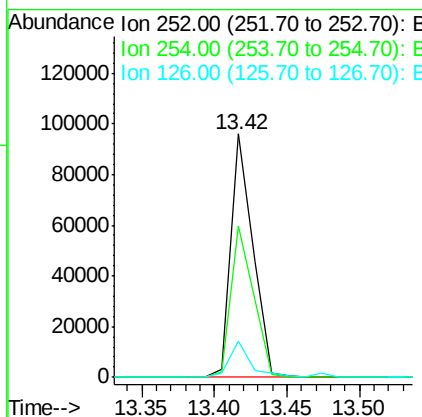
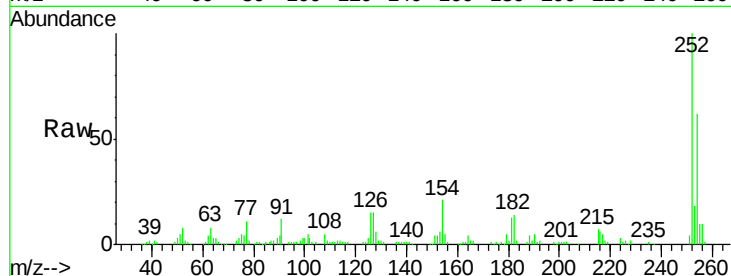




#81
 3,3'-Dichlorobenzidine
 Concen: 32.91 ng
 RT: 13.42 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

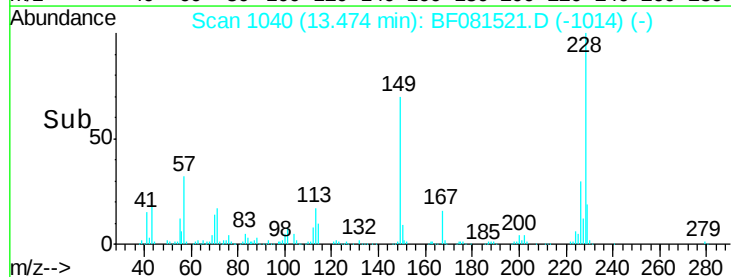
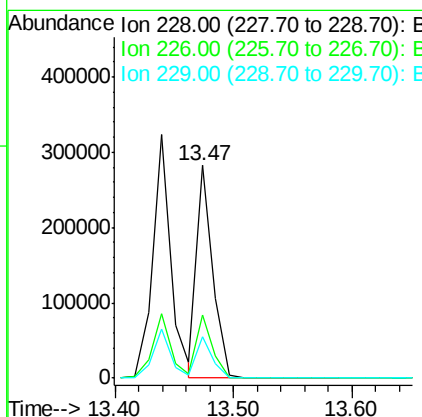
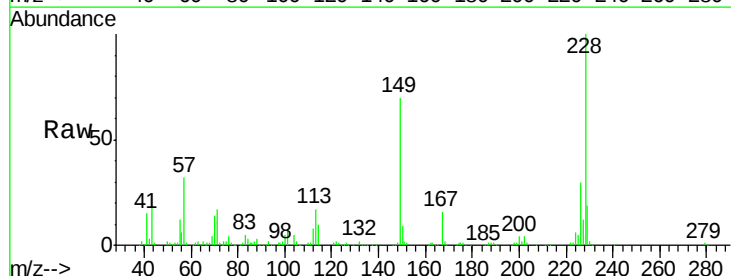
Instrument :
 BNA_F
 ClientSampleId :

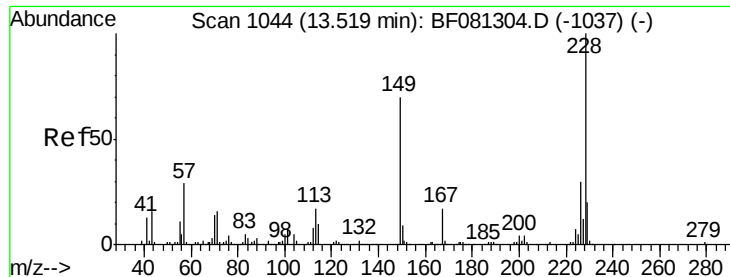
Tot Ion:252 Resp: 101049
 Ion Ratio Lower Upper
 252 100
 254 62.4 51.4 77.2
 126 15.0 16.4 24.6#



#82
 Chrysene
 Concen: 33.29 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion:228 Resp: 271579
 Ion Ratio Lower Upper
 228 100
 226 29.9 21.0 31.4
 229 19.4 15.6 23.4

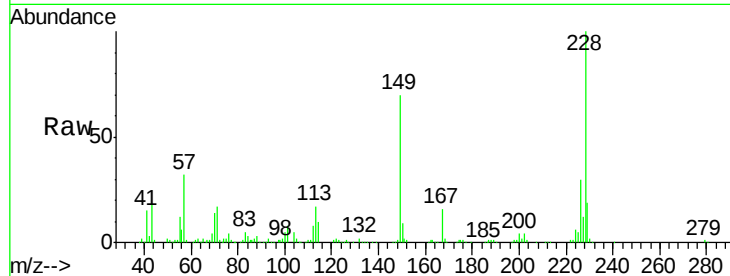




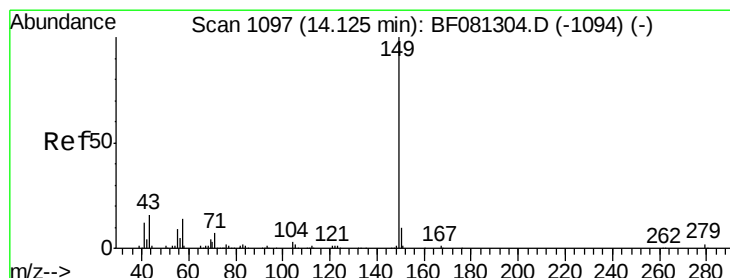
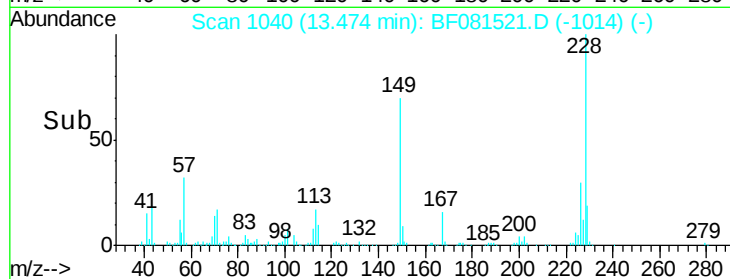
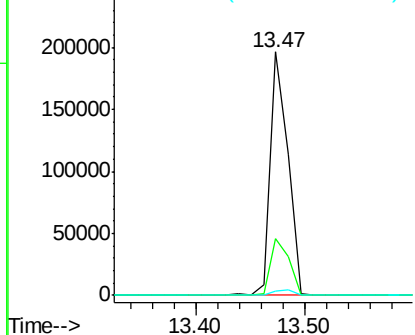
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.41 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 221250
 Ion Ratio Lower Upper
 149 100
 167 23.1 24.2 36.2#
 279 1.6 3.8 5.6#

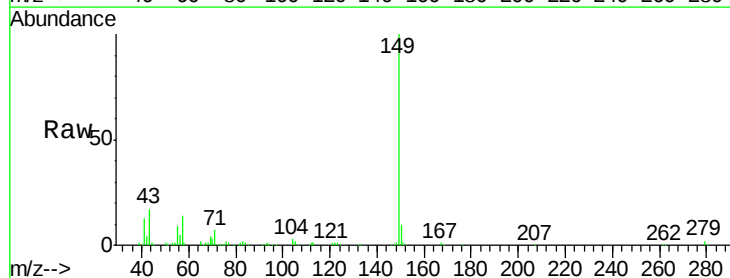


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

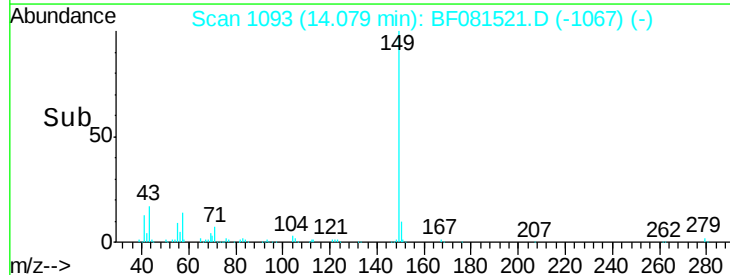
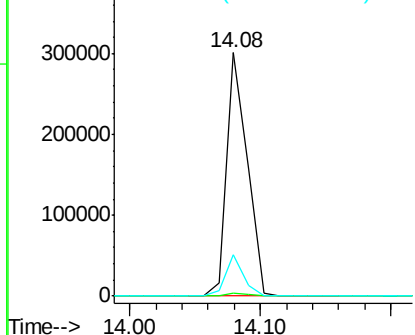


#84
 Di-n-octyl phthalate
 Concen: 32.95 ng
 RT: 14.08 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion:149 Resp: 329702
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 15.3 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

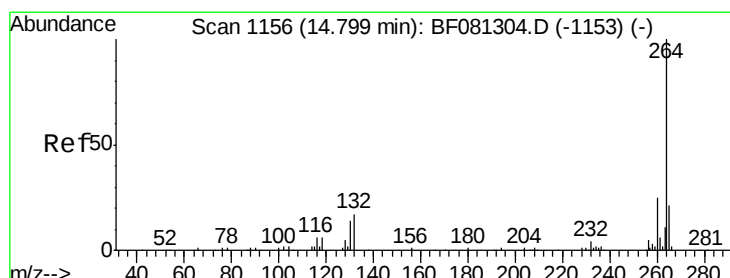
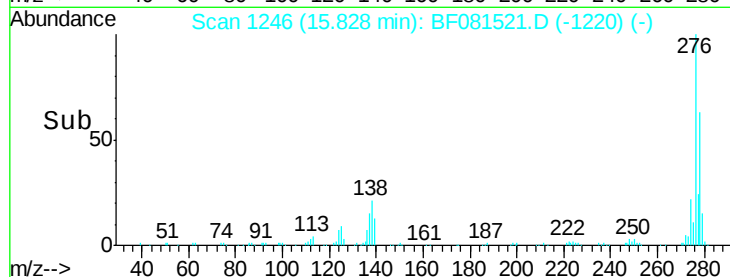
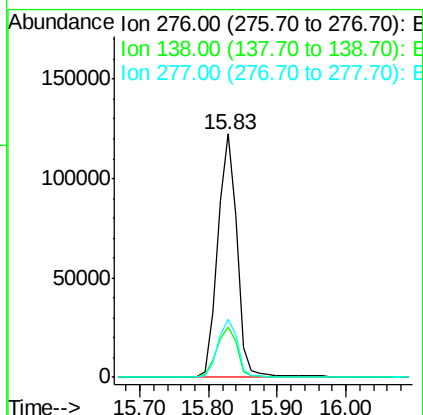
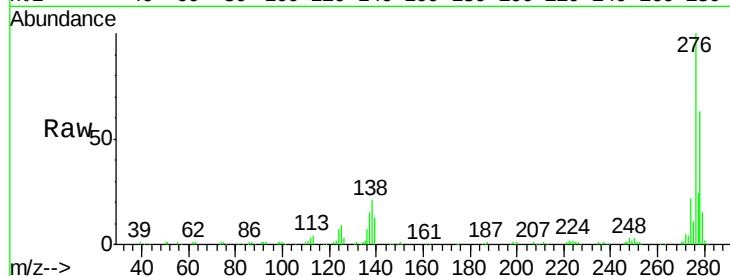




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.89 ng
 RT: 15.83 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

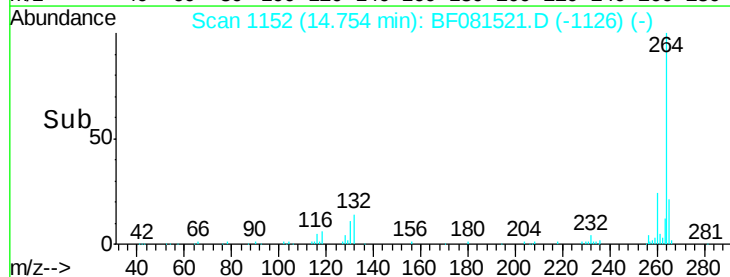
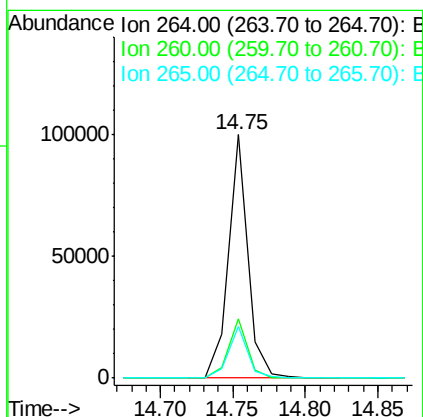
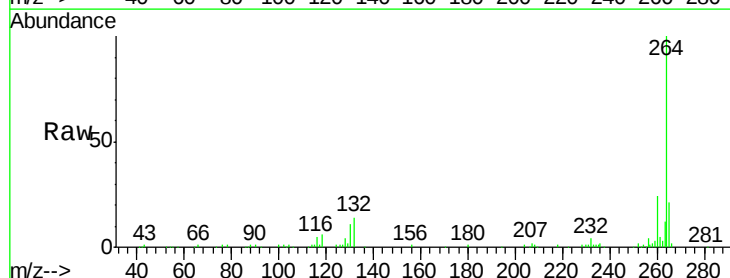
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 244777
 Ion Ratio Lower Upper
 276 100
 138 22.0 25.7 38.5#
 277 24.4 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF081521.D
 Acq: 8 Sep 2015 14:20

Tgt Ion:264 Resp: 93643
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 21.2 17.2 25.8

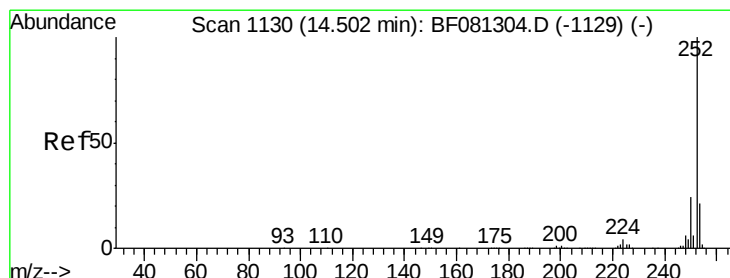
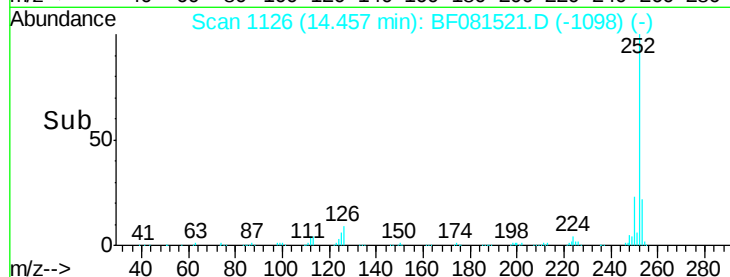
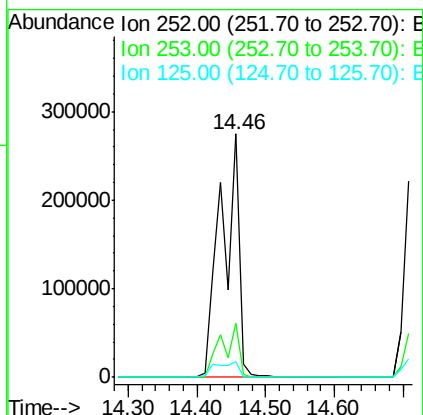
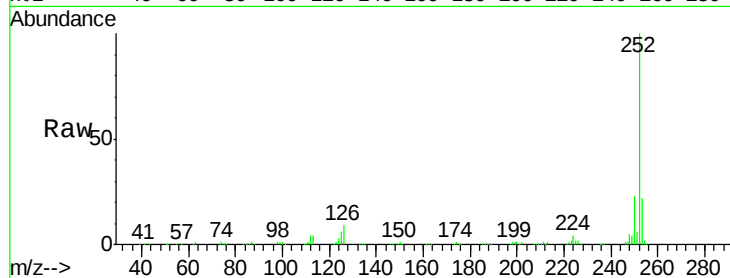




#87
Benzo(b)fluoranthene
Concen: 76.24 ng
RT: 14.46 min Scan# 1126
Delta R.T. 0.02 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

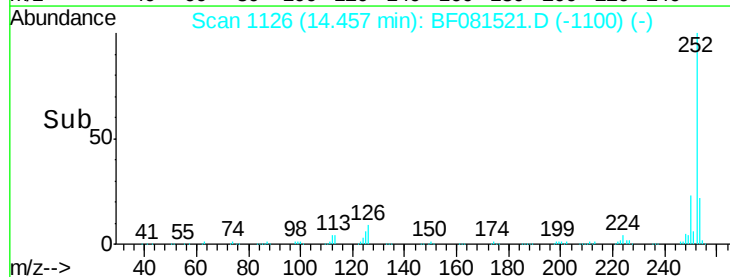
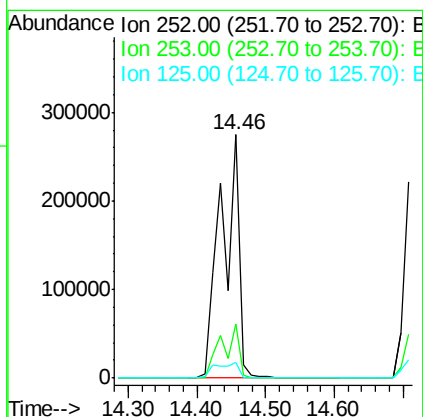
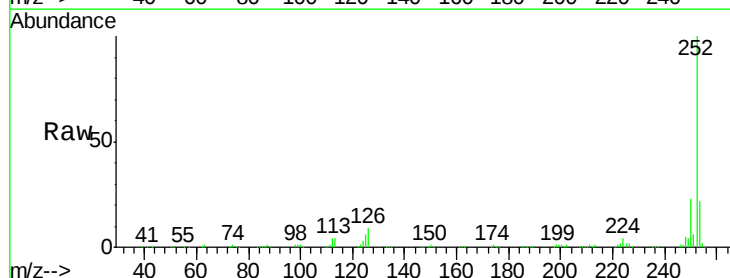
Instrument :
BNA_F
ClientSampleId :

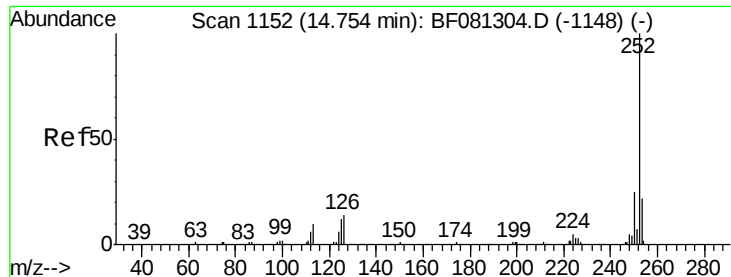
Tot Ion:252 Resp: 509727
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 6.3 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 91.89 ng
RT: 14.46 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion:252 Resp: 509727
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 6.3 16.0 24.0#

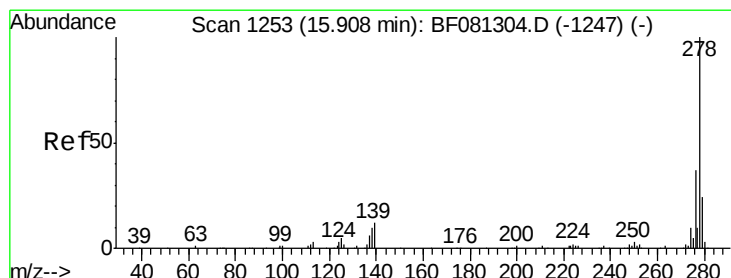
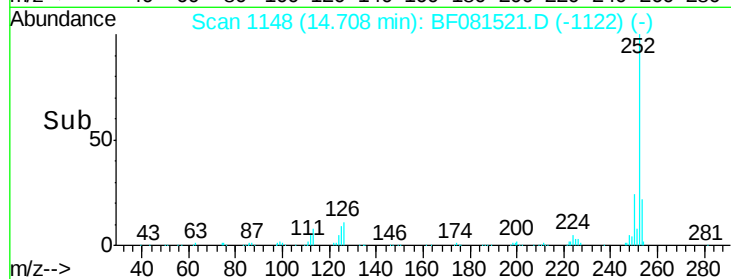
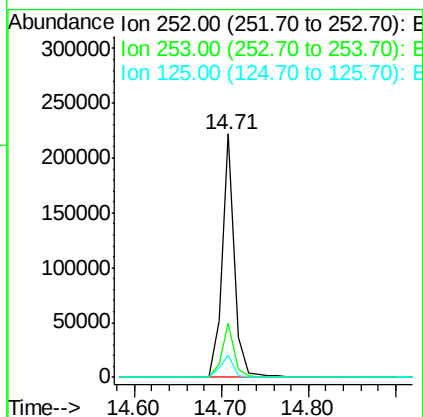
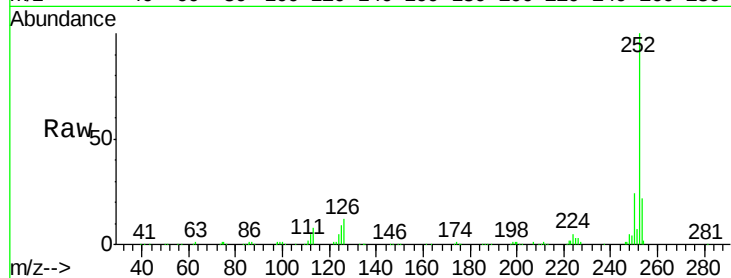




#89
Benzo(a)pyrene
Concen: 39.01 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

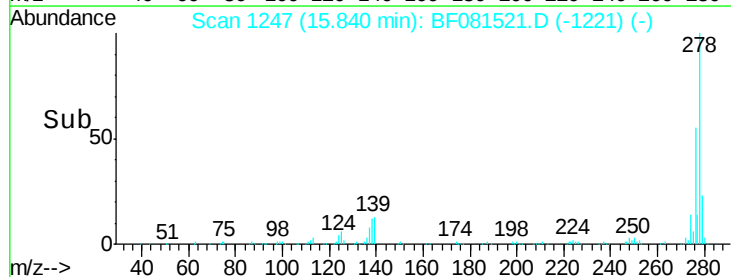
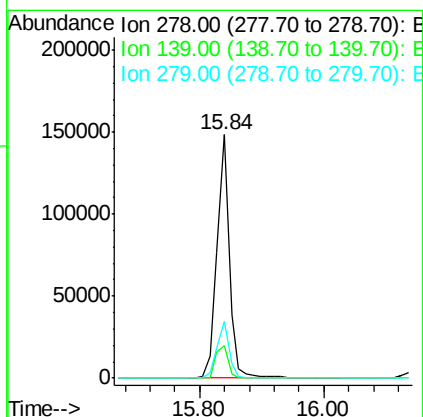
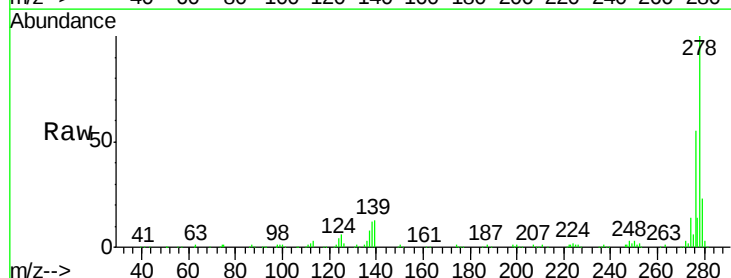
Instrument :
BNA_F
ClientSampleId :

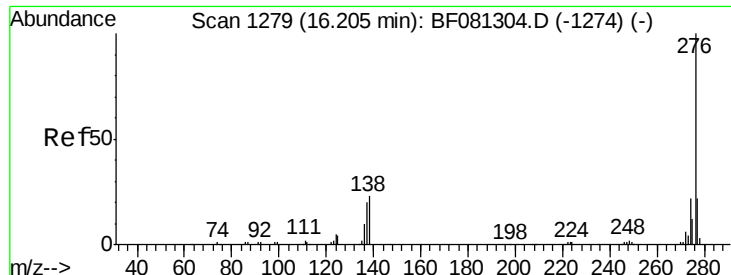
Tot Ion:252 Resp: 221001
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.0 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 46.18 ng
RT: 15.84 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF081521.D
Acq: 8 Sep 2015 14:20

Tgt Ion:278 Resp: 202174
Ion Ratio Lower Upper
278 100
139 13.4 26.3 39.5#
279 23.3 18.2 27.4





#91

Benzo(a,h,i)perylene

Concen: 49.13 ng

RT: 16.14 min Scan# 1273

Delta R.T. 0.00 min

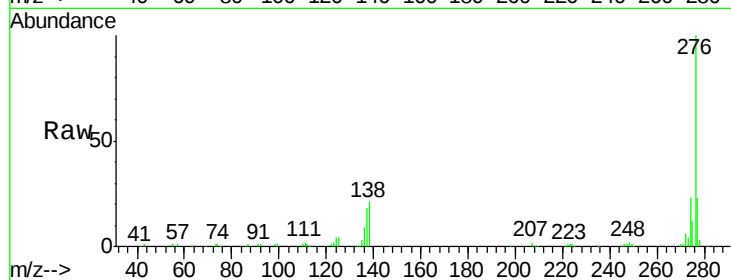
Lab File: BF081521.D

Acq: 8 Sep 2015 14:20

Instrument :

BNA_F

ClientSampleId :



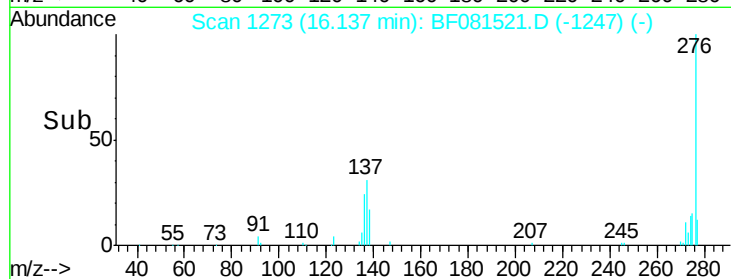
Tot Ion:276 Resp: 205279

Ion Ratio Lower Upper

276 100

277 23.0 17.8 26.6

138 21.3 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

